HAMPTONCLARKE·VERITECH

175 ROUTE 46 WEST, UNIT D · FAIRFIELD, NJ 07004
1275 BLOOMFIELD AVE, UNIT 50 A · FAIRFIELD, NJ 07004
800-426-9992 · 973-244-9770
FAX: 973-244-9787

WWW.HCVLAB.COM

Project: EJ0810744.000

Client PO: Not Available

Report To: Whitestone Associates
35 Technology Drive
Warren, NJ 07059

Attn: C.Seib

Received Date: 1/14/2009

Report Date: 1/28/2009

Deliverables: NYDOH-CatB

Lab ID: AC42169

Lab Project No: 9011430

This report is a true report of results obtained from our tests of this material. All results meet the requirements of the NELAC standards. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

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

NJ	(07071 and 07069)	NY	(ELAP11408 and 11939)	CT	(PH-0671)
PA	(68-00463 and 68-04409)	KY	(90124)	MA	(NJ386)
WV	(353)	USACE			

ACCREDITED IN ACCORDANCE WITH nela

HC·V
HAMPTONCLARKE·VERITECH

TABLE OF CONTENTS

HC·V *LABORATORY RESULTS*	*PAGE NOS.*
SDG Narrative	**1-2**
Reporting Limit Definitions	**3-4**
Data Package Summary Forms	**5-20**
Chain of Custody Forms	**21-25**
GC/MS Volatiles Data	**26-313**
GC/MS Semivolatiles Data	**314-496**
Wet Chemical Data	**497-499**

SDG Narrative

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SDG Narrative

Client: Whitestone Associates
Project: EJ0810744.000

Hampton-Clarke/Veritech (HC·V) received the following samples on January 14, 2009:

Client ID	HCV Sample ID	Matrix	Analysis
WB-1	AC42169-001	Soil	VO (8260B), BNA (8270C)
S-1D	AC42169-002	Soil	HOLD
WB-1GW	AC42169-003	Aqueous	VO (8260B), BNA (8270C)
GW-1D	AC42169-004	Aqueous	HOLD
MW-5	AC42169-005	Soil	VO (8260B), BNA (8270C)
S-2D	AC42169-006	Soil	HOLD
FB	AC42169-007	Aqueous	VO (8260B), BNA (8270C)
TB	AC42169-008	Aqueous	VO (8260B)

Volatile Organic Analysis:

Data conforms to method requirements.

Base Neutral Acid Extractable Analysis:

The recovery of Pentachlorophenol is biased low, outside QC limits in the Matrix Spike in batch WMB4022. All QC criteria were met in the Laboratory Control Sample (MBS).

The MS/MSD RPD of Pentachlorophenol is outside QC limits in batch WMB4022 due to low Matrix Spike recoveries.

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

Jeri Rossi
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

1/28/09
Date

Reporting Limit Definitions

HC·V
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REPORTING LIMIT DEFINITIONS

RL = Reporting Limit

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

CRQL= Contract Required Quantitation Limit

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

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

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

CLP Organics and Inorganics reported to CRQL.

Data Package Summary Forms

Veritech Report Of Analysis

Lab#: AC42169-001 **Collection Date: 1/13/2009**
Sample ID: WB-1

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		66
Semivolatile Organics (no search) 8270				
1,2,4-Trichlorobenzene	1	mg/kg	0.10	ND
1,2-Diphenylhydrazine	1	mg/kg	0.10	ND
2,4,5-Trichlorophenol	1	mg/kg	0.10	ND
2,4,6-Trichlorophenol	1	mg/kg	0.10	ND
2,4-Dichlorophenol	1	mg/kg	0.10	ND
2,4-Dimethylphenol	1	mg/kg	0.10	ND
2,4-Dinitrophenol	1	mg/kg	0.51	ND
2,4-Dinitrotoluene	1	mg/kg	0.10	ND
2,6-Dinitrotoluene	1	mg/kg	0.10	ND
2-Chloronaphthalene	1	mg/kg	0.10	ND
2-Chlorophenol	1	mg/kg	0.10	ND
2-Methylnaphthalene	1	mg/kg	0.10	ND
2-Methylphenol	1	mg/kg	0.10	ND
2-Nitroaniline	1	mg/kg	0.10	ND
2-Nitrophenol	1	mg/kg	0.10	ND
3&4-Methylphenol	1	mg/kg	0.10	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.10	ND
3-Nitroaniline	1	mg/kg	0.10	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.51	ND
4-Bromophenyl-phenylether	1	mg/kg	0.10	ND
4-Chloro-3-methylphenol	1	mg/kg	0.10	ND
4-Chloroaniline	1	mg/kg	0.10	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.10	ND
4-Nitroaniline	1	mg/kg	0.10	ND
4-Nitrophenol	1	mg/kg	0.10	ND
Acenaphthene	1	mg/kg	0.10	ND
Acenaphthylene	1	mg/kg	0.10	ND
Aniline	1	mg/kg	0.10	ND
Anthracene	1	mg/kg	0.10	ND
Benzidine	1	mg/kg	0.51	ND
Benzo[a]anthracene	1	mg/kg	0.10	ND
Benzo[a]pyrene	**1**	**mg/kg**	**0.10**	**0.42**
Benzo[b]fluoranthene	1	mg/kg	0.10	ND
Benzo[g,h,i]perylene	1	mg/kg	0.10	ND
Benzo[k]fluoranthene	1	mg/kg	0.10	ND
Benzoic acid	1	mg/kg	0.51	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.10	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.10	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.10	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.10	ND
Butylbenzylphthalate	1	mg/kg	0.10	ND
Carbazole	1	mg/kg	0.10	ND
Chrysene	1	mg/kg	0.10	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.10	ND
Dibenzofuran	1	mg/kg	0.10	ND
Diethylphthalate	1	mg/kg	0.10	ND
Dimethylphthalate	1	mg/kg	0.10	ND
Di-n-butylphthalate	1	mg/kg	0.10	ND
Di-n-octylphthalate	1	mg/kg	0.10	ND
Fluoranthene	1	mg/kg	0.10	ND
Fluorene	1	mg/kg	0.10	ND
Hexachlorobenzene	1	mg/kg	0.10	ND
Hexachlorobutadiene	1	mg/kg	0.10	ND
Hexachlorocyclopentadiene	1	mg/kg	0.10	ND
Hexachloroethane	1	mg/kg	0.10	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.10	ND
Isophorone	1	mg/kg	0.10	ND
Naphthalene	1	mg/kg	0.10	ND
Nitrobenzene	1	mg/kg	0.10	ND
N-Nitrosodimethylamine	1	mg/kg	0.10	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.10	ND
N-Nitrosodiphenylamine	1	mg/kg	0.10	ND
Pentachlorophenol	1	mg/kg	1.0	ND
Phenanthrene	1	mg/kg	0.10	ND
Phenol	1	mg/kg	0.10	ND
Pyrene	1	mg/kg	0.10	ND

Lab#: AC42169-001 **Collection Date: 1/13/2009**
Sample ID: WB-1

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	0.98	mg/kg	0.0074	ND
1,1,2,2-Tetrachloroethane	0.98	mg/kg	0.0074	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.98	mg/kg	0.0074	ND
1,1,2-Trichloroethane	0.98	mg/kg	0.0074	ND
1,1-Dichloroethane	0.98	mg/kg	0.0074	ND
1,1-Dichloroethene	0.98	mg/kg	0.0074	ND
1,2,3-Trichloropropane	0.98	mg/kg	0.0074	ND
1,2,4-Trimethylbenzene	0.98	mg/kg	0.0015	ND
1,2-Dichlorobenzene	0.98	mg/kg	0.0074	ND
1,2-Dichloroethane	0.98	mg/kg	0.0074	ND
1,2-Dichloropropane	0.98	mg/kg	0.0074	ND
1,3,5-Trimethylbenzene	0.98	mg/kg	0.0015	ND
1,3-Dichlorobenzene	0.98	mg/kg	0.0074	ND
1,3-Dichloropropane	0.98	mg/kg	0.0074	ND
1,4-Dichlorobenzene	0.98	mg/kg	0.0074	ND
1,4-Dioxane	0.98	mg/kg	0.37	ND
2-Butanone	0.98	mg/kg	0.0074	ND
2-Chloroethylvinylether	0.98	mg/kg	0.0074	ND
2-Hexanone	0.98	mg/kg	0.0074	ND
4-Isopropyltoluene	0.98	mg/kg	0.0015	ND
4-Methyl-2-pentanone	0.98	mg/kg	0.0074	ND
Acetone	**0.98**	**mg/kg**	**0.037**	**0.083**
Acrolein	0.98	mg/kg	0.037	ND
Acrylonitrile	0.98	mg/kg	0.0074	ND
Benzene	0.98	mg/kg	0.0015	ND
Bromodichloromethane	0.98	mg/kg	0.0074	ND
Bromoform	0.98	mg/kg	0.0074	ND
Bromomethane	0.98	mg/kg	0.0074	ND
Carbon disulfide	**0.98**	**mg/kg**	**0.0074**	**0.026**
Carbon tetrachloride	0.98	mg/kg	0.0074	ND
Chlorobenzene	0.98	mg/kg	0.0074	ND
Chloroethane	0.98	mg/kg	0.0074	ND
Chloroform	0.98	mg/kg	0.0074	ND
Chloromethane	0.98	mg/kg	0.0074	ND
cis-1,2-Dichloroethene	0.98	mg/kg	0.0074	ND
cis-1,3-Dichloropropene	0.98	mg/kg	0.0074	ND
Dibromochloromethane	0.98	mg/kg	0.0074	ND
Dichlorodifluoromethane	0.98	mg/kg	0.0074	ND
Ethylbenzene	0.98	mg/kg	0.0015	ND
Isopropylbenzene	0.98	mg/kg	0.0015	ND
m&p-Xylenes	0.98	mg/kg	0.0030	ND
Methylene chloride	0.98	mg/kg	0.0074	ND
Methyl-t-butyl ether	0.98	mg/kg	0.0015	ND
n-Butylbenzene	0.98	mg/kg	0.0015	ND
n-Propylbenzene	0.98	mg/kg	0.0015	ND
o-Xylene	0.98	mg/kg	0.0015	ND
sec-Butylbenzene	0.98	mg/kg	0.0015	ND
Styrene	0.98	mg/kg	0.0074	ND
t-Butyl Alcohol	0.98	mg/kg	0.037	ND
t-Butylbenzene	0.98	mg/kg	0.0015	ND
Tetrachloroethene	0.98	mg/kg	0.0074	ND
Toluene	**0.98**	**mg/kg**	**0.0015**	**0.0018**
trans-1,2-Dichloroethene	0.98	mg/kg	0.0074	ND
trans-1,3-Dichloropropene	0.98	mg/kg	0.0074	ND
Trichloroethene	0.98	mg/kg	0.0074	ND
Trichlorofluoromethane	0.98	mg/kg	0.0074	ND
Vinyl chloride	0.98	mg/kg	0.0074	ND
Xylenes (Total)	0.98	mg/kg	0.0015	ND

RL = Reporting Limit
ND = Not Detected

RL Definitions:
SW846 Organics reported to PQL
SW846 Inorganics reported to PQL
Clean Water Act Organics reported to PQL
Clean Water Act Inorganics reported to PQL
CLP Organics reported to CRQL
CLP Inorganics reported to CRQL

Lab#: AC42169-003 **Collection Date: 1/13/2009**
Sample ID: WB-1GW

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

Lab#: AC42169-003 **Collection Date: 1/13/2009**
Sample ID: WB-1GW

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Lab#: AC42169-004 **Collection Date: 1/13/2009**
Sample ID: GW-1D

TestGroup/Analyte	DF	Units	RL	Result
BNAE (Extract and Hold) 8270				
Extract and Hold	1			

RL = Reporting Limit
ND = Not Detected

RL Definitions: **SW846 Organics reported to PQL** **SW846 Inorganics reported to PQL** **Clean Water Act Organics reported to PQL** **Clean Water Act Inorganics reported to PQL** **CLP Organics reported to CRQL** **CLP Inorganics reported to CRQL**

Lab#: AC42169-005 **Collection Date: 1/13/2009**
Sample ID: MW-5

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		68
Semivolatile Organics (no search) 8270				
1,2,4-Trichlorobenzene	1	mg/kg	0.098	ND
1,2-Diphenylhydrazine	1	mg/kg	0.098	ND
2,4,5-Trichlorophenol	1	mg/kg	0.098	ND
2,4,6-Trichlorophenol	1	mg/kg	0.098	ND
2,4-Dichlorophenol	1	mg/kg	0.098	ND
2,4-Dimethylphenol	1	mg/kg	0.098	ND
2,4-Dinitrophenol	1	mg/kg	0.49	ND
2,4-Dinitrotoluene	1	mg/kg	0.098	ND
2,6-Dinitrotoluene	1	mg/kg	0.098	ND
2-Chloronaphthalene	1	mg/kg	0.098	ND
2-Chlorophenol	1	mg/kg	0.098	ND
2-Methylnaphthalene	1	mg/kg	0.098	ND
2-Methylphenol	1	mg/kg	0.098	ND
2-Nitroaniline	1	mg/kg	0.098	ND
2-Nitrophenol	1	mg/kg	0.098	ND
3&4-Methylphenol	1	mg/kg	0.098	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.098	ND
3-Nitroaniline	1	mg/kg	0.098	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.49	ND
4-Bromophenyl-phenylether	1	mg/kg	0.098	ND
4-Chloro-3-methylphenol	1	mg/kg	0.098	ND
4-Chloroaniline	1	mg/kg	0.098	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.098	ND
4-Nitroaniline	1	mg/kg	0.098	ND
4-Nitrophenol	1	mg/kg	0.098	ND
Acenaphthene	1	mg/kg	0.098	ND
Acenaphthylene	1	mg/kg	0.098	ND
Aniline	1	mg/kg	0.098	ND
Anthracene	1	mg/kg	0.098	ND
Benzidine	1	mg/kg	0.49	ND
Benzo[a]anthracene	1	mg/kg	0.098	ND
Benzo[a]pyrene	1	mg/kg	0.098	ND
Benzo[b]fluoranthene	1	mg/kg	0.098	ND
Benzo[g,h,i]perylene	1	mg/kg	0.098	ND
Benzo[k]fluoranthene	1	mg/kg	0.098	ND
Benzoic acid	1	mg/kg	0.49	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.098	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.098	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.098	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.098	ND
Butylbenzylphthalate	1	mg/kg	0.098	ND
Carbazole	1	mg/kg	0.098	ND
Chrysene	1	mg/kg	0.098	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.098	ND
Dibenzofuran	1	mg/kg	0.098	ND
Diethylphthalate	1	mg/kg	0.098	ND
Dimethylphthalate	1	mg/kg	0.098	ND
Di-n-butylphthalate	1	mg/kg	0.098	ND
Di-n-octylphthalate	1	mg/kg	0.098	ND
Fluoranthene	1	mg/kg	0.098	ND
Fluorene	1	mg/kg	0.098	ND
Hexachlorobenzene	1	mg/kg	0.098	ND
Hexachlorobutadiene	1	mg/kg	0.098	ND
Hexachlorocyclopentadiene	1	mg/kg	0.098	ND
Hexachloroethane	1	mg/kg	0.098	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.098	ND
Isophorone	1	mg/kg	0.098	ND
Naphthalene	1	mg/kg	0.098	ND
Nitrobenzene	1	mg/kg	0.098	ND
N-Nitrosodimethylamine	1	mg/kg	0.098	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.098	ND
N-Nitrosodiphenylamine	1	mg/kg	0.098	ND
Pentachlorophenol	1	mg/kg	0.98	ND
Phenanthrene	1	mg/kg	0.098	ND
Phenol	1	mg/kg	0.098	ND
Pyrene	1	mg/kg	0.098	ND

Lab#: AC42169-005 **Collection Date: 1/13/2009**
Sample ID: MW-5

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1.01	mg/kg	0.0074	ND
1,1,2,2-Tetrachloroethane	1.01	mg/kg	0.0074	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1.01	mg/kg	0.0074	ND
1,1,2-Trichloroethane	1.01	mg/kg	0.0074	ND
1,1-Dichloroethane	1.01	mg/kg	0.0074	ND
1,1-Dichloroethene	1.01	mg/kg	0.0074	ND
1,2,3-Trichloropropane	1.01	mg/kg	0.0074	ND
1,2,4-Trimethylbenzene	1.01	mg/kg	0.0015	ND
1,2-Dichlorobenzene	1.01	mg/kg	0.0074	ND
1,2-Dichloroethane	1.01	mg/kg	0.0074	ND
1,2-Dichloropropane	1.01	mg/kg	0.0074	ND
1,3,5-Trimethylbenzene	1.01	mg/kg	0.0015	ND
1,3-Dichlorobenzene	1.01	mg/kg	0.0074	ND
1,3-Dichloropropane	1.01	mg/kg	0.0074	ND
1,4-Dichlorobenzene	1.01	mg/kg	0.0074	ND
1,4-Dioxane	1.01	mg/kg	0.37	ND
2-Butanone	1.01	mg/kg	0.0074	ND
2-Chloroethylvinylether	1.01	mg/kg	0.0074	ND
2-Hexanone	1.01	mg/kg	0.0074	ND
4-Isopropyltoluene	1.01	mg/kg	0.0015	ND
4-Methyl-2-pentanone	1.01	mg/kg	0.0074	ND
Acetone	**1.01**	**mg/kg**	**0.037**	**0.084**
Acrolein	1.01	mg/kg	0.037	ND
Acrylonitrile	1.01	mg/kg	0.0074	ND
Benzene	1.01	mg/kg	0.0015	ND
Bromodichloromethane	1.01	mg/kg	0.0074	ND
Bromoform	1.01	mg/kg	0.0074	ND
Bromomethane	1.01	mg/kg	0.0074	ND
Carbon disulfide	1.01	mg/kg	0.0074	ND
Carbon tetrachloride	1.01	mg/kg	0.0074	ND
Chlorobenzene	1.01	mg/kg	0.0074	ND
Chloroethane	1.01	mg/kg	0.0074	ND
Chloroform	1.01	mg/kg	0.0074	ND
Chloromethane	1.01	mg/kg	0.0074	ND
cis-1,2-Dichloroethene	1.01	mg/kg	0.0074	ND
cis-1,3-Dichloropropene	1.01	mg/kg	0.0074	ND
Dibromochloromethane	1.01	mg/kg	0.0074	ND
Dichlorodifluoromethane	1.01	mg/kg	0.0074	ND
Ethylbenzene	1.01	mg/kg	0.0015	ND
Isopropylbenzene	1.01	mg/kg	0.0015	ND
m&p-Xylenes	1.01	mg/kg	0.0030	ND
Methylene chloride	1.01	mg/kg	0.0074	ND
Methyl-t-butyl ether	1.01	mg/kg	0.0015	ND
n-Butylbenzene	1.01	mg/kg	0.0015	ND
n-Propylbenzene	1.01	mg/kg	0.0015	ND
o-Xylene	1.01	mg/kg	0.0015	ND
sec-Butylbenzene	1.01	mg/kg	0.0015	ND
Styrene	1.01	mg/kg	0.0074	ND
t-Butyl Alcohol	**1.01**	**mg/kg**	**0.037**	**0.082**
t-Butylbenzene	1.01	mg/kg	0.0015	ND
Tetrachloroethene	**1.01**	**mg/kg**	**0.0074**	**0.029**
Toluene	**1.01**	**mg/kg**	**0.0015**	**0.0026**
trans-1,2-Dichloroethene	1.01	mg/kg	0.0074	ND
trans-1,3-Dichloropropene	1.01	mg/kg	0.0074	ND
Trichloroethene	1.01	mg/kg	0.0074	ND
Trichlorofluoromethane	1.01	mg/kg	0.0074	ND
Vinyl chloride	1.01	mg/kg	0.0074	ND
Xylenes (Total)	1.01	mg/kg	0.0015	ND

Lab#: AC42169-007 **Collection Date: 1/13/2009**
Sample ID: FB

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

Lab#: AC42169-007 **Collection Date: 1/13/2009**
Sample ID: FB

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	**1**	**ug/l**	**1.0**	**2.3**
Methyl-t-butyl ether	1	ug/l	1.0	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Lab#: AC42169-008 **Collection Date: 1/12/2009**
Sample ID: TB

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	1.0	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42169-001
Client Id: WB-1
Data File: 1M40649.D
Analysis Date: 01/15/09 23:16
Date Rec/Extracted: 01/14/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.1g
Final Vol: NA
Dilution: 0.980
Solids: 66

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0074	U	56-23-5	Carbon Tetrachloride	0.0074	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0074	U	108-90-7	Chlorobenzene	0.0074	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0074	U	75-00-3	Chloroethane	0.0074	U
79-00-5	1,1,2-Trichloroethane	0.0074	U	67-66-3	Chloroform	0.0074	U
75-34-3	1,1-Dichloroethane	0.0074	U	74-87-3	Chloromethane	0.0074	U
75-35-4	1,1-Dichloroethene	0.0074	U	156-59-2	cis-1,2-Dichloroethene	0.0074	U
96-18-4	1,2,3-Trichloropropane	0.0074	U	10061-01-5	cis-1,3-Dichloropropene	0.0074	U
95-63-6	1,2,4-Trimethylbenzene	0.0015	U	124-48-1	Dibromochloromethane	0.0074	U
95-50-1	1,2-Dichlorobenzene	0.0074	U	75-71-8	Dichlorodifluoromethane	0.0074	U
107-06-2	1,2-Dichloroethane	0.0074	U	100-41-4	Ethylbenzene	0.0015	U
78-87-5	1,2-Dichloropropane	0.0074	U	98-82-8	Isopropylbenzene	0.0015	U
108-67-8	1,3,5-Trimethylbenzene	0.0015	U	136777612	m&p-Xylenes	0.0030	U
541-73-1	1,3-Dichlorobenzene	0.0074	U	75-09-2	Methylene Chloride	0.0074	U
142-28-9	1,3-Dichloropropane	0.0074	U	1634-04-4	Methyl-t-butyl ether	0.0015	U
106-46-7	1,4-Dichlorobenzene	0.0074	U	104-51-8	n-Butylbenzene	0.0015	U
123-91-1	1,4-Dioxane	0.37	U	103-65-1	n-Propylbenzene	0.0015	U
78-93-3	2-Butanone	0.0074	U	95-47-6	o-Xylene	0.0015	U
110-75-8	2-Chloroethylvinylether	0.0074	U	135-98-8	sec-Butylbenzene	0.0015	U
591-78-6	2-Hexanone	0.0074	U	100-42-5	Styrene	0.0074	U
99-87-6	4-Isopropyltoluene	0.0015	U	75-65-0	t-Butyl Alcohol	0.037	U
108-10-1	4-Methyl-2-Pentanone	0.0074	U	98-06-6	t-Butylbenzene	0.0015	U
67-64-1	**Acetone**	**0.037**	**0.083**	127-18-4	Tetrachloroethene	0.0074	U
107-02-8	Acrolein	0.037	U	**108-88-3**	**Toluene**	**0.0015**	**0.0018**
107-13-1	Acrylonitrile	0.0074	U	156-60-5	trans-1,2-Dichloroethene	0.0074	U
71-43-2	Benzene	0.0015	U	10061-02-6	trans-1,3-Dichloropropene	0.0074	U
75-27-4	Bromodichloromethane	0.0074	U	79-01-6	Trichloroethene	0.0074	U
75-25-2	Bromoform	0.0074	U	75-69-4	Trichlorofluoromethane	0.0074	U
74-83-9	Bromomethane	0.0074	U	75-01-4	Vinyl Chloride	0.0074	U
75-15-0	**Carbon Disulfide**	**0.0074**	**0.026**	1330-20-7	Xylenes (Total)	0.0015	U

Worksheet #: 107154

Total Target Concentration 0.11

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42169-003
Client Id: WB-1GW
Data File: 3M58259.D
Analysis Date: 01/15/09 16:42
Date Rec/Extracted: 01/14/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

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

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 107154

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42169-005
Client Id: MW-5
Data File: 1M40650.D
Analysis Date: 01/15/09 23:33
Date Rec/Extracted: 01/14/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 4.94g
Final Vol: NA
Dilution: 1.01
Solids: 68

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0074	U	56-23-5	Carbon Tetrachloride	0.0074	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0074	U	108-90-7	Chlorobenzene	0.0074	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0074	U	75-00-3	Chloroethane	0.0074	U
79-00-5	1,1,2-Trichloroethane	0.0074	U	67-66-3	Chloroform	0.0074	U
75-34-3	1,1-Dichloroethane	0.0074	U	74-87-3	Chloromethane	0.0074	U
75-35-4	1,1-Dichloroethene	0.0074	U	156-59-2	cis-1,2-Dichloroethene	0.0074	U
96-18-4	1,2,3-Trichloropropane	0.0074	U	10061-01-5	cis-1,3-Dichloropropene	0.0074	U
95-63-6	1,2,4-Trimethylbenzene	0.0015	U	124-48-1	Dibromochloromethane	0.0074	U
95-50-1	1,2-Dichlorobenzene	0.0074	U	75-71-8	Dichlorodifluoromethane	0.0074	U
107-06-2	1,2-Dichloroethane	0.0074	U	100-41-4	Ethylbenzene	0.0015	U
78-87-5	1,2-Dichloropropane	0.0074	U	98-82-8	Isopropylbenzene	0.0015	U
108-67-8	1,3,5-Trimethylbenzene	0.0015	U	136777612	m&p-Xylenes	0.0030	U
541-73-1	1,3-Dichlorobenzene	0.0074	U	75-09-2	Methylene Chloride	0.0074	U
142-28-9	1,3-Dichloropropane	0.0074	U	1634-04-4	Methyl-t-butyl ether	0.0015	U
106-46-7	1,4-Dichlorobenzene	0.0074	U	104-51-8	n-Butylbenzene	0.0015	U
123-91-1	1,4-Dioxane	0.37	U	103-65-1	n-Propylbenzene	0.0015	U
78-93-3	2-Butanone	0.0074	U	95-47-6	o-Xylene	0.0015	U
110-75-8	2-Chloroethylvinylether	0.0074	U	135-98-8	sec-Butylbenzene	0.0015	U
591-78-6	2-Hexanone	0.0074	U	100-42-5	Styrene	0.0074	U
99-87-6	4-Isopropyltoluene	0.0015	U	**75-65-0**	**t-Butyl Alcohol**	**0.037**	**0.082**
108-10-1	4-Methyl-2-Pentanone	0.0074	U	98-06-6	t-Butylbenzene	0.0015	U
67-64-1	**Acetone**	**0.037**	**0.084**	**127-18-4**	**Tetrachloroethene**	**0.0074**	**0.029**
107-02-8	Acrolein	0.037	U	**108-88-3**	**Toluene**	**0.0015**	**0.0026**
107-13-1	Acrylonitrile	0.0074	U	156-60-5	trans-1,2-Dichloroethene	0.0074	U
71-43-2	Benzene	0.0015	U	10061-02-6	trans-1,3-Dichloropropene	0.0074	U
75-27-4	Bromodichloromethane	0.0074	U	79-01-6	Trichloroethene	0.0074	U
75-25-2	Bromoform	0.0074	U	75-69-4	Trichlorofluoromethane	0.0074	U
74-83-9	Bromomethane	0.0074	U	75-01-4	Vinyl Chloride	0.0074	U
75-15-0	Carbon Disulfide	0.0074	U	1330-20-7	Xylenes (Total)	0.0015	U

Worksheet #: 107154

Total Target Concentration 0.2

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42169-007
Client Id: FB
Data File: 6M37020.D
Analysis Date: 01/15/09 13:19
Date Rec/Extracted: 01/14/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

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

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	**75-09-2**	**Methylene Chloride**	**1.0**	**2.3**
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 107154

Total Target Concentration 2.3

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42169-008
Client Id: TB
Data File: 6M37021.D
Analysis Date: 01/15/09 13:35
Date Rec/Extracted: 01/14/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

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

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 107154

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42169-001
Client Id: WB-1
Data File: 9M15923.D
Analysis Date: 01/16/09 19:17
Date Rec/Extracted: 01/14/09-01/15/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 66

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.10	U	191-24-2	Benzo[g,h,i]perylene	0.10	U
122-66-7	1,2-Diphenylhydrazine	0.10	U	207-08-9	Benzo[k]fluoranthene	0.10	U
95-95-4	2,4,5-Trichlorophenol	0.10	U	65-85-0	Benzoic Acid	0.51	U
88-06-2	2,4,6-Trichlorophenol	0.10	U	111-91-1	bis(2-Chloroethoxy)methan	0.10	U
120-83-2	2,4-Dichlorophenol	0.10	U	111-44-4	bis(2-Chloroethyl)ether	0.10	U
105-67-9	2,4-Dimethylphenol	0.10	U	108-60-1	bis(2-chloroisopropyl)ether	0.10	U
51-28-5	2,4-Dinitrophenol	0.51	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.10	U
121-14-2	2,4-Dinitrotoluene	0.10	U	85-68-7	Butylbenzylphthalate	0.10	U
606-20-2	2,6-Dinitrotoluene	0.10	U	86-74-8	Carbazole	0.10	U
91-58-7	2-Chloronaphthalene	0.10	U	218-01-9	Chrysene	0.10	U
95-57-8	2-Chlorophenol	0.10	U	53-70-3	Dibenzo[a,h]anthracene	0.10	U
91-57-6	2-Methylnaphthalene	0.10	U	132-64-9	Dibenzofuran	0.10	U
95-48-7	2-Methylphenol	0.10	U	84-66-2	Diethylphthalate	0.10	U
88-74-4	2-Nitroaniline	0.10	U	131-11-3	Dimethylphthalate	0.10	U
88-75-5	2-Nitrophenol	0.10	U	84-74-2	Di-n-butylphthalate	0.10	U
106-44-5	3&4-Methylphenol	0.10	U	117-84-0	Di-n-octylphthalate	0.10	U
91-94-1	3,3'-Dichlorobenzidine	0.10	U	206-44-0	Fluoranthene	0.10	U
99-09-2	3-Nitroaniline	0.10	U	86-73-7	Fluorene	0.10	U
534-52-1	4,6-Dinitro-2-methylphenol	0.51	U	118-74-1	Hexachlorobenzene	0.10	U
101-55-3	4-Bromophenyl-phenylether	0.10	U	87-68-3	Hexachlorobutadiene	0.10	U
59-50-7	4-Chloro-3-methylphenol	0.10	U	77-47-4	Hexachlorocyclopentadiene	0.10	U
106-47-8	4-Chloroaniline	0.10	U	67-72-1	Hexachloroethane	0.10	U
7005-72-3	4-Chlorophenyl-phenylether	0.10	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.10	U
100-01-6	4-Nitroaniline	0.10	U	78-59-1	Isophorone	0.10	U
100-02-7	4-Nitrophenol	0.10	U	91-20-3	Naphthalene	0.10	U
83-32-9	Acenaphthene	0.10	U	98-95-3	Nitrobenzene	0.10	U
208-96-8	Acenaphthylene	0.10	U	62-75-9	N-Nitrosodimethylamine	0.10	U
62-53-3	Aniline	0.10	U	621-64-7	N-Nitroso-di-n-propylamine	0.10	U
120-12-7	Anthracene	0.10	U	86-30-6	n-Nitrosodiphenylamine	0.10	U
92-87-5	Benzidine	0.51	U	87-86-5	Pentachlorophenol	1.0	U
56-55-3	Benzo[a]anthracene	0.10	U	85-01-8	Phenanthrene	0.10	U
50-32-8	**Benzo[a]pyrene**	**0.10**	**0.42**	108-95-2	Phenol	0.10	U
205-99-2	Benzo[b]fluoranthene	0.10	U	129-00-0	Pyrene	0.10	U

Worksheet #: 107161

Total Target Concentration 0.42

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42169-003
Client Id: WB-1GW
Data File: 10M02436.D
Analysis Date: 01/16/09 19:06
Date Rec/Extracted: 01/14/09-01/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 107161

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42169-005
Client Id: MW-5
Data File: 9M15924.D
Analysis Date: 01/16/09 19:40
Date Rec/Extracted: 01/14/09-01/15/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 68

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.098	U	191-24-2	Benzo[g,h,i]perylene	0.098	U
122-66-7	1,2-Diphenylhydrazine	0.098	U	207-08-9	Benzo[k]fluoranthene	0.098	U
95-95-4	2,4,5-Trichlorophenol	0.098	U	65-85-0	Benzoic Acid	0.49	U
88-06-2	2,4,6-Trichlorophenol	0.098	U	111-91-1	bis(2-Chloroethoxy)methan	0.098	U
120-83-2	2,4-Dichlorophenol	0.098	U	111-44-4	bis(2-Chloroethyl)ether	0.098	U
105-67-9	2,4-Dimethylphenol	0.098	U	108-60-1	bis(2-chloroisopropyl)ether	0.098	U
51-28-5	2,4-Dinitrophenol	0.49	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.098	U
121-14-2	2,4-Dinitrotoluene	0.098	U	85-68-7	Butylbenzylphthalate	0.098	U
606-20-2	2,6-Dinitrotoluene	0.098	U	86-74-8	Carbazole	0.098	U
91-58-7	2-Chloronaphthalene	0.098	U	218-01-9	Chrysene	0.098	U
95-57-8	2-Chlorophenol	0.098	U	53-70-3	Dibenzo[a,h]anthracene	0.098	U
91-57-6	2-Methylnaphthalene	0.098	U	132-64-9	Dibenzofuran	0.098	U
95-48-7	2-Methylphenol	0.098	U	84-66-2	Diethylphthalate	0.098	U
88-74-4	2-Nitroaniline	0.098	U	131-11-3	Dimethylphthalate	0.098	U
88-75-5	2-Nitrophenol	0.098	U	84-74-2	Di-n-butylphthalate	0.098	U
106-44-5	3&4-Methylphenol	0.098	U	117-84-0	Di-n-octylphthalate	0.098	U
91-94-1	3,3'-Dichlorobenzidine	0.098	U	206-44-0	Fluoranthene	0.098	U
99-09-2	3-Nitroaniline	0.098	U	86-73-7	Fluorene	0.098	U
534-52-1	4,6-Dinitro-2-methylphenol	0.49	U	118-74-1	Hexachlorobenzene	0.098	U
101-55-3	4-Bromophenyl-phenylether	0.098	U	87-68-3	Hexachlorobutadiene	0.098	U
59-50-7	4-Chloro-3-methylphenol	0.098	U	77-47-4	Hexachlorocyclopentadiene	0.098	U
106-47-8	4-Chloroaniline	0.098	U	67-72-1	Hexachloroethane	0.098	U
7005-72-3	4-Chlorophenyl-phenylether	0.098	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.098	U
100-01-6	4-Nitroaniline	0.098	U	78-59-1	Isophorone	0.098	U
100-02-7	4-Nitrophenol	0.098	U	91-20-3	Naphthalene	0.098	U
83-32-9	Acenaphthene	0.098	U	98-95-3	Nitrobenzene	0.098	U
208-96-8	Acenaphthylene	0.098	U	62-75-9	N-Nitrosodimethylamine	0.098	U
62-53-3	Aniline	0.098	U	621-64-7	N-Nitroso-di-n-propylamine	0.098	U
120-12-7	Anthracene	0.098	U	86-30-6	n-Nitrosodiphenylamine	0.098	U
92-87-5	Benzidine	0.49	U	87-86-5	Pentachlorophenol	0.98	U
56-55-3	Benzo[a]anthracene	0.098	U	85-01-8	Phenanthrene	0.098	U
50-32-8	Benzo[a]pyrene	0.098	U	108-95-2	Phenol	0.098	U
205-99-2	Benzo[b]fluoranthene	0.098	U	129-00-0	Pyrene	0.098	U

Worksheet #: 107161

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42169-007
Client Id: FB
Data File: 10M02437.D
Analysis Date: 01/16/09 19:29
Date Rec/Extracted: 01/14/09-01/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

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

Units: ug/L

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

Worksheet #: 107161

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
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J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 9011430**

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	PQL	Prep Date	Analysis Date	Received Date	Collect Date
AC42169-001	WB-1	Soil	1	66	Percent			01/15/09	01/14/09	01/13/09
AC42169-005	MW-5	Soil	1	68	Percent			01/15/09	01/14/09	01/13/09

Chain of Custody Forms

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

175 US Hwy 46 West, Fairfield, New Jersey 07004 & 1275 Bloomfield Avenue, Building 3, Unit 50A, Fairfield, New Jersey 07004

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

Project#(Lab Use Only): 9011430

Page 1 of 1

NELAC/NJ# 07071/07069 CT# PH-0671 MA# NJ386 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

3) Reporting Requirements(please circle)

Customer Information

1a) Customer: Whitestone Associates
Address: 35 Technology Drive
Warren, NJ 07059
1b) ~~Email~~/Cell/Fax/Ph:
1c) Send Invoice To: Whitestone
1d) Send Report To: Whitestone

Project Information

2a) Project: EJO810744.000
2b) Project Manager: CS
2c) Location (City/State): Tarrytown, NY
2d) Quote#/PO# (If Applicable):

Turnaround Time

24-Hour(100%)
48-Hour(75%)
72-Hour (50%)
4 Day (TPH)
1-Week(25%)
10 Days(10%)
Standard
Other:

Report type

Data Sum
Waste
~~Red~~/NJ/NY/PA
CLP
Full/Cat-B
Cat-A
Other:

1/23/10 SD

Electronic Deliv

~~Hazsite/Csv~~
Equis
Excel-NJCC
~~Excel-Nytagm~~
Excel-PAActII
~~PDF~~
Other:

RuKT

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

7) Analysis Request

FOR LAB USE ONLY

Batch# AC42169

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

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

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	VOCs	SVOCs	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H_2SO_4	HNO_3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-001	WB-1	S	1-13-09	1015		X	X	X	2								
-002	S-1D *	S	1-13-09	1022		X			2								
-003	WB-16W	GW	1-13-09	1042		X	X	X	2				3				
-004	GW-1D * (A)	GW	1-13-09	1050		X			2				3				
-005	[redacted] MW-5	S	1-13-09	1124		X	X	X	2								
-006	S-2D *	S	1-13-09	1129		X			2								
-007	FB	Ot	1-13-09	1025		X	X	X	2				3				
-008	TB	Ot	1/12/09	-			X						6 3				

10) Relinquished By:	Accepted By	Date	Time
[signature]	[signature]	1/14/09	0:940
[signature]	[signature]	1/14/09	15:16

Comments, Notes, Special Requirements, HAZARDS

* = Hold Sample For Possible Contingent Analysis

(A) EXTRACT + HOLD PER C SEIB 1/16/09 SD

Cooler Tmp: 3.3°

11) Sampler: Dustin Kapson Date: 1-13-09

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

CONDITION UPON RECEIPT

Batch Number AC42169 Entered By: ricardo
Date Entered 1/14/2009 4:28:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	Yes	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container (in degC) 3.3C
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	Yes	Are samples preserved correctly?
12	NA	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

PRESERVATION DOCUMENT

Batch Number AC42169

Entered By: ricardo

Date Entered 1/14/2009 4:29:00 PM

Lab#:	Container Siz	Container Typ	Paramete	Preservative	PH
AC42169-001	NA	NA	NA	NA	NA
AC42169-002	NA	NA	NA	NA	NA
AC42169-003	40ML	G	VO+10	HCL	1
AC42169-004	40ML	G	VO+10	HCL	1
AC42169-005	NA	NA	NA	NA	NA
AC42169-006	NA	NA	NA	NA	NA
AC42169-007	40ML	G	VO+10	HCL	1
AC42169-008	40ML	G	VO+10	HCL	1

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC42169-001	01/14/09 15:16	RICAR	0	M	Received
AC42169-001	01/14/09 16:26	RICAR	0	M	Login
AC42169-001	01/14/09 17:22	R12	1	A	NONE
AC42169-001	01/15/09 07:13	PA	1	A	MIXING
AC42169-001	01/15/09 10:27	BCT	1	M	%solids
AC42169-001	01/15/09 12:28	R12	1	A	NONE
AC42169-001	01/15/09 15:42	NEHA	1	A	S-BNA
AC42169-001	01/16/09 00:27	R12	1	A	NONE
AC42169-001	01/15/09 08:02	R21	2	A	NONE
AC42169-001	01/15/09 13:21	WP	2	A	voa
AC42169-001	01/15/09 14:01	R21	2	A	NONE
AC42169-002	01/14/09 15:16	RICAR	0	M	Received
AC42169-002	01/14/09 16:26	RICAR	0	M	Login
AC42169-002	01/14/09 17:22	R12	1	A	NONE
AC42169-002	01/15/09 08:02	R21	2	A	NONE
AC42169-003	01/14/09 15:16	RICAR	0	M	Received
AC42169-003	01/14/09 16:26	RICAR	0	M	Login
AC42169-003	01/14/09 17:22	R12	1	A	NONE
AC42169-003	01/16/09 08:43	JOLA	1	A	A,BNA/BN
AC42169-003	01/14/09 17:22	R12	2	A	NONE
AC42169-003	01/15/09 07:59	R22	4	A	NONE
AC42169-003	01/15/09 09:41	SG	4	A	VOA
AC42169-003	01/15/09 07:59	R22	5	A	NONE
AC42169-004	01/14/09 15:16	RICAR	0	M	Received
AC42169-004	01/14/09 16:26	RICAR	0	M	Login
AC42169-004	01/14/09 17:22	R12	1	A	NONE
AC42169-004	01/18/09 06:37	ABM	1	A	BNA-AQ
AC42169-004	01/14/09 17:22	R12	2	A	NONE
AC42169-004	01/15/09 07:59	R22	4	A	NONE
AC42169-004	01/15/09 07:59	R22	5	A	NONE
AC42169-005	01/14/09 15:16	RICAR	0	M	Received
AC42169-005	01/14/09 16:26	RICAR	0	M	Login
AC42169-005	01/15/09 08:02	R21	1	A	NONE
AC42169-005	01/15/09 13:21	WP	1	A	voa
AC42169-005	01/15/09 14:01	R21	1	A	NONE
AC42169-005	01/14/09 17:22	R12	2	A	NONE
AC42169-005	01/15/09 07:13	PA	2	A	MIXING
AC42169-005	01/15/09 10:27	BCT	2	M	%solids
AC42169-005	01/15/09 12:28	R12	2	A	NONE
AC42169-005	01/15/09 15:42	NEHA	2	A	S-BNA
AC42169-005	01/16/09 00:27	R12	2	A	NONE
AC42169-006	01/14/09 15:16	RICAR	0	M	Received
AC42169-006	01/14/09 16:26	RICAR	0	M	Login
AC42169-006	01/15/09 08:02	R21	1	A	NONE
AC42169-006	01/14/09 17:22	R12	2	A	NONE
AC42169-007	01/14/09 15:16	RICAR	0	M	Received
AC42169-007	01/14/09 16:26	RICAR	0	M	Login
AC42169-007	01/14/09 17:22	R12	1	A	NONE
AC42169-007	01/14/09 17:22	R12	2	A	NONE
AC42169-007	01/16/09 08:43	JOLA	2	A	A,BNA/BN
AC42169-007	01/15/09 07:59	R22	4	A	NONE
AC42169-007	01/15/09 09:39	SG	4	A	VOA
AC42169-007	01/15/09 07:59	R22	5	A	NONE
AC42169-008	01/14/09 15:16	RICAR	0	M	Received
AC42169-008	01/14/09 16:26	RICAR	0	M	Login
AC42169-008	01/15/09 07:59	R22	2	A	NONE
AC42169-008	01/15/09 07:59	R22	3	A	NONE
AC42169-008	01/15/09 09:39	SG	3	A	VOA
AC42169-008	01/15/09 07:59	R22	4	A	NONE
AC42169-008	01/15/09 07:59	R22	5	A	NONE
AC42169-008	01/15/09 07:59	R22	6	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Samples marked as received are stored in coolers or refrigerator R12, R3, or R24 at 4 deg C until Login

GC/MS Volatile Data

GC/MS Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8260B

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
1M40596.D	DAILY BLANK	Soil	01/15/09 08:03	1		130	103	90	88		
1M40628.D	DAILY BLANK	Soil	01/15/09 17:20	1		126	121	94	95		
1M40764.D	DAILY BLANK	Soil	01/19/09 10:59	1		125	106	95	87		
3M58076.D	DAILY BLANK	Aqueous	01/08/09 07:48	1		106	100	96	98		
3M58231.D	DAILY BLANK	Aqueous	01/15/09 08:00	1		104	102	95	95		
6M37001.D	DAILY BLANK	Aqueous	01/15/09 08:14	1		107	106	93	103		
1M40649.D	AC42169-001	Soil	01/15/09 23:16	1		129	110	97	89		
3M58259.D	AC42169-003	Aqueous	01/15/09 16:42	1		97	103	95	96		
1M40650.D	AC42169-005	Soil	01/15/09 23:33	1		133	113	97	91		
6M37020.D	AC42169-007	Aqueous	01/15/09 13:19	1		115	115	90	100		
6M37021.D	AC42169-008	Aqueous	01/15/09 13:35	1		119	114	90	103		
1M40597.D	MBS10968	Soil	01/15/09 08:27	1		116	118	95	92		
1M40640.D	AC42144-019	Soil	01/15/09 20:44	1		124	102	98	92		
1M40766.D	MBS10999	Soil	01/19/09 11:56	1		107	116	98	93		
1M40790.D	AC42144-019(	Soil	01/19/09 18:43	1		105	115	100	91		
1M40791.D	AC42144-019(	Soil	01/19/09 19:00	1		109	119	98	93		
3M58089.D	AC42033-001	Aqueous	01/08/09 11:39	1		111	107	91	93		
3M58234.D	MBS10971	Aqueous	01/15/09 08:52	1		99	99	102	96		
3M58237.D	AC42033-001(	Aqueous	01/15/09 09:43	1		105	103	97	93		
3M58238.D	AC42033-001(	Aqueous	01/15/09 10:00	1		98	98	103	94		
6M37003.D	MBS10970	Aqueous	01/15/09 08:46	1		108	106	103	96		

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8260

Soil Limits

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

Aqueous Limits

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

Form3

MBS Data

Method: 8260

Data File:==>					1M40597.D			6M37003.D											
Data/Batch/Sample ID:==>					MBS10968			MBS10970											
Date/Time:==>					01/15/09 08:27			01/15/09 08:46											
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1-Dichloroethane	14-127	44-134	1	0	30.55	50	61	18.75	20	94									
1,1-Dichloroethene	8-114	21-133	1	0	29.74	50	59	19.24	20	96									
1,2-Dichlorobenzen	19-113	50-126	1	0	39.12	50	78	17.55	20	88									
1,2-Dichloroethane	18-130	43-144	1	0	32.4	50	65	19.43	20	97									
1,4-Dichlorobenzen	20-110	45-128	1	0	39.83	50	80	17.86	20	89									
2-Butanone	4-141	25-157	1	0	29.62	50	59	20.27	20	101									
Benzene	21-122	49-135	1	0	35.32	50	71	18.6	20	93									
Carbon Tetrachlorid	19-122	42-146	1	0	34.38	50	69	21.71	20	109									
Chlorobenzene	21-117	51-129	1	0	31.07	50	62	18.27	20	91									
Chloroform	26-119	40-148	1	0	34.5	50	69	19.35	20	97									
n-Propylbenzene	16-122	45-135	1	0	35.5	50	71	17.88	20	89									
sec-Butylbenzene	9-125	43-123	1	0	32.98	50	66	17.88	20	89									
Tetrachloroethene	18-116	42-138	1	0	36.71	50	73	19.56	20	98									
Toluene	19-128	53-129	1	0	35.59	50	71	19	20	95									
Trichloroethene	21-116	46-127	1	0	33.98	50	68	18.42	20	92									
Vinyl Chloride	6-117	21-137	1	0	16.15	50	32	16.02	20	80									

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

FORM 3

Spike Recovery

Batch Number: MBS10971
Mbs Name: MBS10971
Ns Name: AC42033-001
Ms Name: AC42033-001(MS)
Msd Name: AC42033-001(MSD

Mbs File: 3M58234.D
Non Spk'd File: 3M58089.D
Spike File: 3M58237.D
Spike Dup File: 3M58238.D
Matrix: Aqueous
Method: EPA 8260B

Mbs Date: 01/15/09 08:52
Non Spk'd Date: 01/08/09 11:39
Spike Date : 01/15/09 09:43
Spike Dup Date: 01/15/09 10:00

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	6	1	0	20	21	137	30	12.34	0.00	15.84	12.70	62	79	63	22
1,1-Dichloroethene	19	1	0	20	21	133	34	17.11	0.00	20.41	16.76	86	102	84	20
1,1-Dichloroethane	22	1	0	20	44	134	30	17.95	0.00	20.87	18.19	90	104	91	14
Chloroform	29	1	0	20	40	148	37	18.33	0.00	21.14	18.38	92	106	92	14
1,2-Dichloroethane	33	1	0	20	43	144	34	19.34	0.00	22.44	19.93	97	112	100	12
2-Butanone	34	1	0	20	25	157	47	18.92	0.00	21.56	19.31	95	108	97	11
Carbon Tetrachloride	36	1	0	20	42	146	32	19.81	0.00	23.05	19.50	99	115	98	17
Trichloroethene	42	1	0	20	46	127	30	18.83	0.00	19.80	18.39	94	99	92	7.4
Benzene	43	1	0	20	49	135	29	19.79	0.00	22.51	19.26	99	113	96	16
Tetrachloroethene	55	1	0	20	42	138	27	19.06	0.00	20.17	18.87	95	101	94	6.7
Toluene	57	1	0	20	53	129	33	21.43	0.00	22.05	21.30	107	110	106	3.5
Chlorobenzene	59	1	0	20	51	129	30	20.03	0.00	20.96	19.47	100	105	97	7.4
1,4-Dichlorobenzene	70	1	0	20	45	128	30	18.05	0.00	18.36	16.69	90	92	83	9.5
1,2-Dichlorobenzene	71	1	0	20	50	126	34	19.00	0.00	20.00	18.09	95	100	90	10
n-Propylbenzene	78	1	0	20	45	135	32	20.29	0.00	19.09	17.08	101	95	85	11
sec-Butylbenzene	83	1	0	20	43	123	33	18.10	0.00	17.28	15.55	91	86	78	11

Note:

Rp = Failed Rpd Criteria Mo = Failed Recovery Criteria

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

FORM 3

Spike Recovery

Batch Number: MBS10999
Mbs Name: MBS10999
Ns Name: AC42144-019
Ms Name: AC42144-019(MS)
Msd Name: AC42144-019(MSD

Mbs File: 1M40766.D
Non Spk'd File: 1M40640.D
Spike File: 1M40790.D
Spike Dup File: 1M40791.D
Matrix: Soil
Method: EPA 8260B

Mbs Date: 01/19/09 11:56
Non Spk'd Date: 01/15/09 20:44
Spike Date : 01/19/09 18:43
Spike Dup Date: 01/19/09 19:00

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	6	1	0	50	6	117	53	29.57	0.00	30.55	29.59	59	61	59	3.2
1,1-Dichloroethene	19	1	0	50	8	114	53	34.13	0.00	33.91	34.11	68	68	68	0.59
1,1-Dichloroethane	22	1	0	50	14	127	44	32.31	0.00	31.55	30.91	65	63	62	2
Chloroform	29	1	0	50	26	119	39	33.22	0.00	32.55	33.11	66	65	66	1.7
1,2-Dichloroethane	33	1	0	50	18	130	37	30.84	0.00	31.02	30.67	62	62	61	1.1
2-Butanone	34	1	0	50	4	141	59	28.60	0.00	30.51	29.90	57	61	60	2
Carbon Tetrachloride	36	1	0	50	19	122	40	33.78	0.00	33.70	34.76	68	67	70	3.1
Trichloroethene	42	1	0	50	21	116	39	32.17	0.00	30.66	31.89	64	61	64	3.9
Benzene	43	1	0	50	21	122	38	33.77	0.00	32.69	33.74	68	65	67	3.2
Tetrachloroethene	55	1	0	50	18	116	37	38.03	0.00	36.47	36.49	76	73	73	0.06
Toluene	57	1	0	50	19	128	35	38.91	1.69	38.20	37.92	78	73	72	0.74
Chlorobenzene	59	1	0	50	21	117	37	31.70	0.00	31.10	30.99	63	62	62	0.35
1,4-Dichlorobenzene	70	1	0	50	20	110	41	42.20	0.00	38.36	39.91	84	77	80	4
1,2-Dichlorobenzene	71	1	0	50	19	113	42	41.22	0.00	39.11	40.54	82	78	81	3.6
n-Propylbenzene	78	1	0	50	16	122	42	36.63	0.00	34.78	35.78	73	70	72	2.8
sec-Butylbenzene	83	1	0	50	9	125	48	34.71	0.00	32.97	34.39	69	66	69	4.2

Note:

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

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

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M58076.D
Matrix: Aqueous

Blank Analysis Date: 01/08/09 07:48
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC42033-001	3M58089.D	01/08/09 11:39

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M58231.D
Matrix: Aqueous

Blank Analysis Date: 01/15/09 08:00
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC42169-003	3M58259.D	01/15/09 16:42
AC42033-001(MSD	3M58238.D	01/15/09 10:00
AC42033-001(MS)	3M58237.D	01/15/09 09:43
MBS10971	3M58234.D	01/15/09 08:52

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M40596.D
Matrix: Soil

Blank Analysis Date: 01/15/09 08:03
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
MBS10968	1M40597.D	01/15/09 08:27

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M37001.D
Matrix: Aqueous

Blank Analysis Date: 01/15/09 08:14
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC42169-007	6M37020.D	01/15/09 13:19
AC42169-008	6M37021.D	01/15/09 13:35
MBS10970	6M37003.D	01/15/09 08:46

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M40628.D
Matrix: Soil

Blank Analysis Date: 01/15/09 17:20
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC42169-001	1M40649.D	01/15/09 23:16
AC42169-005	1M40650.D	01/15/09 23:33
AC42144-019	1M40640.D	01/15/09 20:44

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M40764.D
Matrix: Soil

Blank Analysis Date: 01/19/09 10:59
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC42144-019(MS)	1M40790.D	01/19/09 18:43
MBS10999	1M40766.D	01/19/09 11:56
AC42144-019(MSD	1M40791.D	01/19/09 19:00

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M57493.D
Analysis Date: 12/19/08 10:41
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.412 to 4.481 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.4	20747	PASS
75	95	30	60	48.8	41514	PASS
95	95	100	100	100.0	85111	PASS
96	95	5	9	6.8	5803	PASS
173	174	0.00	2	0.2	169	PASS
174	95	50	100	88.2	75090	PASS
175	174	5	9	7.4	5543	PASS
176	174	95	101	98.5	73929	PASS
177	176	5	9	6.8	5032	PASS

Data File	Sample Number	Analysis Date:
3M57494.D	CAL @ 1 PPB	12/19/08 10:51
3M57495.D	CAL @ 0.5 PPB	12/19/08 11:11
3M57496.D	5 PPB	12/19/08 11:29
3M57497.D	CAL @ 500 PPB	12/19/08 11:46
3M57498.D	CAL @ 250 PPB	12/19/08 12:03
3M57499.D	CAL @ 100 PPB	12/19/08 12:20
3M57500.D	CAL @ 50 PPB	12/19/08 12:37
3M57501.D	CAL @ 20 PPB	12/19/08 12:55
3M57502.D	CAL @ 10 PPB	12/19/08 13:12
3M57503.D	BLK	12/19/08 13:29
3M57504.D	STDTEST	12/19/08 13:46
3M57505.D	BLK	12/19/08 14:03
3M57506.D	CAL @ 5 PPB	12/19/08 14:20
3M57507.D	STDTEST	12/19/08 14:56
3M57508.D	ICV	12/19/08 15:38
3M57509.D	BLK	12/19/08 15:55
3M57510.D	DAILY BLANK	12/19/08 16:12
3M57511.D	DAILY BLANK	12/19/08 16:29
3M57512.D	AC41811-007	12/19/08 16:46
3M57513.D	MBS10797	12/19/08 17:03
3M57514.D	MBS10798	12/19/08 17:21
3M57515.D	AC41831-003(10X)	12/19/08 17:38
3M57516.D	AC41811-006	12/19/08 17:55
3M57517.D	AC41811-001	12/19/08 18:12
3M57518.D	AC41811-002	12/19/08 18:29
3M57519.D	AC41811-003	12/19/08 18:46
3M57520.D	AC41811-004	12/19/08 19:06
3M57521.D	AC41811-005	12/19/08 19:23
3M57522.D	AC41831-004(10X)	12/19/08 19:40
3M57523.D	AC41684-035(MS)	12/19/08 19:57
3M57524.D	AC41684-035(MSD	12/19/08 20:14
3M57525.D	MBS10807	12/19/08 20:31
3M57526.D	AC41830-001(200	12/19/08 20:48
3M57527.D	AC41830-003	12/19/08 21:05
3M57528.D	AC41830-004	12/19/08 21:22
3M57529.D	AC41830-010(5X)	12/19/08 21:42
3M57530.D	AC41830-007(10X)	12/19/08 22:04
3M57531.D	AC41830-008(10X)	12/19/08 22:27
3M57532.D	AC41830-009(10X)	12/19/08 22:50
3M57533.D	AC41830-005(10X)	12/19/08 23:14
3M57534.D	AC41830-006(50X)	12/19/08 23:37
3M57535.D	AC41830-002(50X)	12/20/08 00:00
3M57536.D	MBS10804	12/20/08 00:20
3M57537.D	BLK	12/20/08 00:37
3M57538.D	BLK	12/20/08 00:54
3M57539.D	BLK	12/20/08 01:11
3M57540.D	BLK	12/20/08 01:29
3M57541.D	AC41819-034	12/20/08 01:46
3M57542.D	AC41819-035	12/20/08 02:03
3M57543.D	AC41819-002	12/20/08 02:20
3M57544.D	AC41819-004	12/20/08 02:37
3M57545.D	AC41819-007	12/20/08 02:55
3M57546.D	AC41819-008	12/20/08 03:12
3M57547.D	AC41819-009	12/20/08 03:29
3M57548.D	AC41819-013	12/20/08 03:47
3M57549.D	AC41819-015	12/20/08 04:04
3M57550.D	AC41819-024	12/20/08 04:21
3M57551.D	AC41819-025	12/20/08 04:38
3M57552.D	BLK	12/20/08 04:55
3M57553.D	AC41819-029	12/20/08 05:12
3M57554.D	AC41819-030	12/20/08 05:30
3M57555.D	AC41819-031	12/20/08 05:47
3M57556.D	AC41819-003	12/20/08 06:04
3M57557.D	AC41819-010	12/20/08 06:22
3M57558.D	AC41819-011	12/20/08 06:39

Form 5

Tune Name: BFB TUNE **Data File:** 3M57493.D
Instrument: GCMS 3 **Analysis Date:** 12/19/08 10:41
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.412 to 4.481 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.4	20747	PASS
75	95	30	60	48.8	41514	PASS
95	95	100	100	100.0	85111	PASS
96	95	5	9	6.8	5803	PASS
173	174	0.00	2	0.2	169	PASS
174	95	50	100	88.2	75090	PASS
175	174	5	9	7.4	5543	PASS
176	174	95	101	98.5	73929	PASS
177	176	5	9	6.8	5032	PASS

3M57559.D	AC41819-014	12/20/08 06:56
3M57560.D	AC41819-021	12/20/08 07:13
3M57561.D	AC41819-022	12/20/08 07:30
3M57562.D	MBS10805	12/20/08 07:47
3M57563.D	AC41662-004(MS)	12/20/08 08:04
3M57564.D	AC41662-004(MSD	12/20/08 08:21
3M57565.D	MBS10806	12/20/08 08:38
3M57566.D	BLK	12/20/08 08:55
3M57567.D	AC41775-007	12/20/08 09:13
3M57568.D	BLK	12/20/08 09:30
3M57569.D	BLK	12/20/08 09:47
3M57570.D	BLK	12/20/08 10:04
3M57571.D	BLK	12/20/08 10:21

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58072.D
Analysis Date: 01/08/09 06:39
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.459 to 4.518 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	23.4	23285	PASS
75	95	30	60	47.9	47630	PASS
95	95	100	100	100.0	99475	PASS
96	95	5	9	6.7	6619	PASS
173	174	0.00	2	0.3	307	PASS
174	95	50	100	89.1	88590	PASS
175	174	5	9	7.2	6394	PASS
176	174	95	101	98.1	86917	PASS
177	176	5	9	6.5	5627	PASS

Data File	Sample Number	Analysis Date:
3M58073.D	CAL @ 20 PPB	01/08/09 06:49
3M58074.D	BLKFB	01/08/09 07:11
3M58075.D	DAILY BLANK	01/08/09 07:28
3M58076.D	DAILY BLANK	01/08/09 07:48
3M58077.D	AC42019-002	01/08/09 08:05
3M58078.D	AC42012-011(2X)	01/08/09 08:25
3M58079.D	MBS10929	01/08/09 08:43
3M58080.D	MBS10930	01/08/09 09:00
3M58081.D	BLKHCL	01/08/09 09:17
3M58082.D	AC42024-001	01/08/09 09:35
3M58083.D	AC42019-003(50X)	01/08/09 09:55
3M58084.D	BLK	01/08/09 10:13
3M58085.D	AC42043-004	01/08/09 10:31
3M58086.D	AC42043-005	01/08/09 10:48
3M58087.D	AC42043-001	01/08/09 11:05
3M58088.D	AC42043-003	01/08/09 11:22
3M58089.D	AC42033-001	01/08/09 11:39
3M58090.D	AC42048-001	01/08/09 11:56
3M58091.D	AC42043-002(10X)	01/08/09 12:16
3M58092.D	MBS10932	01/08/09 12:37
3M58093.D	BLK	01/08/09 12:55
3M58094.D	AC42043-003	01/08/09 13:12
3M58095.D	AC42029-013(MS)	01/08/09 13:29
3M58096.D	AC42029-013(MSD	01/08/09 14:16
3M58097.D	AC42021-001(MS)	01/08/09 14:33
3M58098.D	AC42021-001(MSD	01/08/09 14:51
3M58099.D	AC41930-005(T:M	01/08/09 15:14
3M58100.D	AC41930-005(T:M	01/08/09 15:31
3M58101.D	BLK	01/08/09 15:49
3M58102.D	BLK	01/08/09 16:07
3M58103.D	BLK	01/08/09 16:25
3M58104.D	BLK	01/08/09 16:42

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58155.D
Analysis Date: 01/13/09 08:15
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.394 to 4.473 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	25.0	30150	PASS
75	95	30	60	49.5	59663	PASS
95	95	100	100	100.0	120636	PASS
96	95	5	9	6.7	8040	PASS
173	174	0.00	2	0.6	619	PASS
174	95	50	100	93.0	112199	PASS
175	174	5	9	7.0	7899	PASS
176	174	95	101	97.1	108984	PASS
177	176	5	9	6.9	7517	PASS

Data File	Sample Number	Analysis Date:
3M58156.D	BLK	01/13/09 08:25
3M58157.D	CAL @ 1 PPB	01/13/09 08:54
3M58158.D	CAL @ 0.5 PPB	01/13/09 09:14
3M58159.D	CAL @ 5 PPB	01/13/09 09:33
3M58160.D	CAL @ 500 PPB	01/13/09 09:50
3M58161.D	CAL @ 250 PPB	01/13/09 10:07
3M58162.D	CAL @ 100 PPB	01/13/09 10:24
3M58163.D	CAL @ 50 PPB	01/13/09 10:41
3M58164.D	CAL @ 20 PPB	01/13/09 10:59
3M58165.D	CAL @ 10 PPB	01/13/09 11:17
3M58166.D	BLK	01/13/09 11:36
3M58167.D	ICV	01/13/09 12:03
3M58168.D	BLK	01/13/09 12:20
3M58169.D	DAILY BLANK	01/13/09 12:37
3M58170.D	DAILY BLANK	01/13/09 12:55
3M58171.D	MBS10953	01/13/09 13:12
3M58172.D	MBS10954	01/13/09 13:29
3M58173.D	BLK	01/13/09 13:46
3M58174.D	AC42112-001	01/13/09 14:03
3M58175.D	AC42112-002	01/13/09 14:20
3M58176.D	AC42116-004	01/13/09 14:37
3M58177.D	AC42051-001(T)	01/13/09 14:55
3M58178.D	AC42051-002(T)	01/13/09 15:12
3M58179.D	AC42051-003(T)	01/13/09 15:29
3M58180.D	AC42051-004(T)	01/13/09 15:46
3M58181.D	EF-1-V-58362(011	01/13/09 16:03
3M58182.D	BLK	01/13/09 16:20
3M58183.D	AC42116-004	01/13/09 16:37
3M58184.D	AC42104-013	01/13/09 16:54
3M58185.D	AC42104-011	01/13/09 17:11
3M58186.D	AC42108-006	01/13/09 17:28
3M58187.D	AC42104-010	01/13/09 17:45
3M58188.D	AC42104-012	01/13/09 18:02
3M58189.D	AC42101-001	01/13/09 18:19
3M58190.D	AC42101-002	01/13/09 18:36

Form 5

Tune Name: BFB TUNE **Data File:** 1M40501.D
Instrument: GCMS 1 **Analysis Date:** 01/13/09 10:12
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.417 to 4.427 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	19.3	6214	PASS
75	95	30	60	45.8	14722	PASS
95	95	100	100	100.0	32156	PASS
96	95	5	9	7.6	2432	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.3	26152	PASS
175	174	5	9	7.9	2073	PASS
176	174	95	101	96.8	25324	PASS
177	176	5	9	7.3	1857	PASS

Data File	Sample Number	Analysis Date:
1M40502.D	1 PPB	01/13/09 10:22
1M40503.D	CAL @ 500 PPB	01/13/09 10:39
1M40504.D	CAL @ 250 PPB	01/13/09 10:56
1M40505.D	CAL @ 100 PPB	01/13/09 11:13
1M40506.D	CAL @ 50 PPB	01/13/09 11:30
1M40507.D	CAL @ 20 PPB	01/13/09 11:47
1M40508.D	CAL @ 10 PPB	01/13/09 12:04
1M40509.D	CAL @ 5 PPB	01/13/09 12:21
1M40511.D	CAL @ 1 PPB	01/13/09 12:55
1M40512.D	ICV	01/13/09 13:22
1M40514.D	BLK	01/13/09 13:56
1M40515.D	DAILY BLANK	01/13/09 14:13
1M40516.D	BLK	01/13/09 14:25
1M40517.D	MBS10955	01/13/09 14:58
1M40518.D	MBS10956	01/13/09 15:19
1M40519.D	AC42081-002(MS)	01/13/09 15:36
1M40520.D	AC42081-002(MSD	01/13/09 15:53
1M40521.D	BLK	01/13/09 16:10
1M40522.D	AC42081-001	01/13/09 16:27
1M40523.D	AC42081-002	01/13/09 16:44
1M40524.D	AC42081-007	01/13/09 17:01
1M40525.D	AC42081-010	01/13/09 17:18
1M40526.D	AC42081-011	01/13/09 17:34
1M40527.D	AC42081-012	01/13/09 17:51
1M40528.D	AC42081-013	01/13/09 18:08
1M40529.D	AC42081-014	01/13/09 18:25
1M40530.D	AC42081-015	01/13/09 18:42
1M40531.D	AC42081-016	01/13/09 18:59
1M40532.D	AC42081-017	01/13/09 19:16
1M40533.D	AC42081-018	01/13/09 19:33
1M40534.D	AC42081-019	01/13/09 19:50
1M40535.D	AC42081-020	01/13/09 20:07
1M40536.D	AC42081-021	01/13/09 20:24
1M40537.D	AC42105-001	01/13/09 20:41
1M40538.D	AC42105-002	01/13/09 20:58
1M40539.D	BLK	01/13/09 21:15
1M40540.D	BLK	01/13/09 21:32
1M40541.D	BLK	01/13/09 21:49
1M40542.D	BLK	01/13/09 22:06
1M40543.D	BLK	01/13/09 22:22
1M40544.D	BLK	01/13/09 22:39
1M40545.D	BLK	01/13/09 22:56
1M40546.D	BLK	01/13/09 23:13

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 6
Data File: 6M36942.D
Analysis Date: 01/14/09 09:07
Method: EPA 8260B

Tune Scan/Time Range: Average of 3.994 to 4.063 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.6	14686	PASS
75	95	30	60	49.7	35431	PASS
95	95	100	100	100.0	71233	PASS
96	95	5	9	7.2	5107	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	88.5	63064	PASS
175	174	5	9	7.5	4755	PASS
176	174	95	101	96.3	60734	PASS
177	176	5	9	7.5	4527	PASS

Data File	Sample Number	Analysis Date:
6M36943.D	BLK	01/14/09 09:18
6M36944.D	CAL @ 1 PPB	01/14/09 09:35
6M36945.D	CAL @ 0.5 PPB	01/14/09 09:51
6M36946.D	CAL @ 5 PPB	01/14/09 10:07
6M36947.D	CAL @ 500 PPB	01/14/09 10:23
6M36948.D	CAL @ 250 PPB	01/14/09 10:39
6M36949.D	CAL @ 100 PPB	01/14/09 10:56
6M36950.D	CAL @ 50 PPB	01/14/09 11:12
6M36951.D	CAL @ 10 PPB	01/14/09 11:28
6M36952.D	CAL @ 20 PPB	01/14/09 11:44
6M36953.D	BLK	01/14/09 12:01
6M36954.D	ICV	01/14/09 12:22
6M36955.D	BLK	01/14/09 12:39
6M36956.D	BLK	01/14/09 12:55
6M36957.D	BLK	01/14/09 13:11
6M36958.D	DAILY BLANK	01/14/09 13:32
6M36959.D	DAILY BLANK	01/14/09 13:48
6M36960.D	MBS10963	01/14/09 14:04
6M36961.D	MBS10964	01/14/09 14:20
6M36962.D	BLK	01/14/09 14:37
6M36963.D	AC42097-007	01/14/09 14:53
6M36964.D	AC42097-009	01/14/09 15:09
6M36965.D	AC42135-001	01/14/09 15:25
6M36966.D	AC42116-002(T)	01/14/09 15:41
6M36967.D	AC42118-001(T)	01/14/09 15:57
6M36968.D	AC42118-003(T)	01/14/09 16:13
6M36969.D	AC42118-007(T)	01/14/09 16:30
6M36970.D	AC42118-009(T)	01/14/09 16:46
6M36971.D	AC42118-011(T)	01/14/09 17:02
6M36972.D	AC42049-008(T)	01/14/09 17:18
6M36973.D	AC42071-002(T)	01/14/09 17:34
6M36974.D	AC42118-005(T)	01/14/09 17:50
6M36975.D	EF-1-V-58362(011	01/14/09 18:06
6M36976.D	AC42116-002(T:M	01/14/09 18:22
6M36977.D	AC42116-002(T:M	01/14/09 18:38
6M36978.D	AC42121-001	01/14/09 18:54
6M36979.D	AC42121-002	01/14/09 19:10
6M36980.D	AC42121-003	01/14/09 19:26
6M36981.D	AC42121-004	01/14/09 19:42
6M36982.D	AC42121-005	01/14/09 19:57
6M36983.D	AC42121-006	01/14/09 20:13
6M36984.D	AC42123-001	01/14/09 20:29
6M36985.D	AC42123-004	01/14/09 20:45
6M36986.D	AC42156-001	01/14/09 21:01
6M36987.D	AC42156-002	01/14/09 21:17
6M36988.D	AC42140-003	01/14/09 21:33
6M36989.D	AC42140-002	01/14/09 21:48
6M36990.D	AC42140-001	01/14/09 22:04
6M36991.D	BLK	01/14/09 22:20
6M36992.D	BLK	01/14/09 22:36
6M36993.D	BLK	01/14/09 22:52
6M36994.D	BLK	01/14/09 23:08
6M36995.D	BLK	01/14/09 23:23

Form 5

Tune Name: BFB TUNE **Data File:** 6M36997.D
Instrument: GCMS 6 **Analysis Date:** 01/15/09 06:50
Method: EPA 8260B

Tune Scan/Time Range: Average of 3.988 to 4.047 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.1	16357	PASS
75	95	30	60	48.9	39720	PASS
95	95	100	100	100.0	81191	PASS
96	95	5	9	7.7	6292	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.4	74205	PASS
175	174	5	9	7.8	5790	PASS
176	174	95	101	95.1	70541	PASS
177	176	5	9	7.1	5026	PASS

Data File	Sample Number	Analysis Date:
6M36998.D	CAL @ 20 PPB	01/15/09 07:21
6M36999.D	BLK	01/15/09 07:42
6M37000.D	DAILY BLANK	01/15/09 07:58
6M37001.D	DAILY BLANK	01/15/09 08:14
6M37002.D	MBS10969	01/15/09 08:30
6M37003.D	MBS10970	01/15/09 08:46
6M37004.D	BLK	01/15/09 09:02
6M37005.D	AC42139-007	01/15/09 09:18
6M37006.D	AC42139-013	01/15/09 09:34
6M37007.D	AC42139-012	01/15/09 09:50
6M37008.D	AC42139-011	01/15/09 10:06
6M37009.D	AC42139-010	01/15/09 10:21
6M37010.D	AC42139-009	01/15/09 10:37
6M37011.D	AC42139-008	01/15/09 10:53
6M37012.D	AC42144-009	01/15/09 11:09
6M37013.D	AC42144-011	01/15/09 11:25
6M37014.D	BLK	01/15/09 11:42
6M37015.D	AC42144-013	01/15/09 11:58
6M37016.D	AC42144-014	01/15/09 12:14
6M37017.D	AC42144-020	01/15/09 12:30
6M37018.D	AC42157-015	01/15/09 12:46
6M37019.D	AC42157-016	01/15/09 13:02
6M37020.D	AC42169-007	01/15/09 13:19
6M37021.D	AC42169-008	01/15/09 13:35
6M37022.D	AC42126-001	01/15/09 13:51
6M37023.D	AC42071-001(T)	01/15/09 14:07
6M37024.D	AC42143-001(T)	01/15/09 14:23
6M37025.D	EF-1-V-58362(011	01/15/09 14:39
6M37026.D	AC42161-001	01/15/09 14:57
6M37027.D	AC42161-003	01/15/09 15:13
6M37028.D	AC42161-005	01/15/09 15:29
6M37029.D	AC42161-007	01/15/09 15:45
6M37030.D	BLK	01/15/09 16:01
6M37031.D	AC42094-006(MS)	01/15/09 16:20
6M37032.D	AC42094-006(MSD	01/15/09 16:36
6M37033.D	BLK	01/15/09 16:52
6M37034.D	BLK	01/15/09 17:08
6M37035.D	BLK	01/15/09 17:23
6M37036.D	MBS10980	01/15/09 17:39
6M37037.D	AC42164-007(100	01/15/09 17:58
6M37038.D	AC42104-001(MS)	01/15/09 18:15
6M37039.D	AC42104-001(MSD	01/15/09 18:31
6M37040.D	BLK	01/15/09 18:47
6M37041.D	AC42164-009	01/15/09 19:03
6M37042.D	AC42164-010	01/15/09 19:19
6M37043.D	AC42158-005	01/15/09 19:35
6M37044.D	AC42158-006	01/15/09 19:51
6M37045.D	AC42145-001	01/15/09 20:06
6M37046.D	AC42158-001	01/15/09 20:22
6M37047.D	AC42158-002	01/15/09 20:38
6M37048.D	AC42158-003	01/15/09 20:54
6M37049.D	AC42158-004	01/15/09 21:09
6M37050.D	AC42158-007	01/15/09 21:25
6M37051.D	AC42164-005	01/15/09 21:42
6M37052.D	MBS10981	01/15/09 21:57
6M37053.D	BLK	01/15/09 22:13
6M37054.D	AC42149-002	01/15/09 22:29
6M37055.D	AC42149-004	01/15/09 22:45
6M37056.D	AC42149-005	01/15/09 23:01
6M37057.D	AC42149-006	01/15/09 23:16
6M37058.D	AC42149-001(10X)	01/15/09 23:35
6M37059.D	AC42149-007(10X)	01/15/09 23:56
6M37060.D	AC42149-008(10X)	01/16/09 00:16
6M37061.D	AC42149-003(20X)	01/16/09 00:37
6M37062.D	BLK	01/16/09 00:54

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M40593.D
Analysis Date: 01/15/09 06:51
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.373 to 4.432 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.6	5340	PASS
75	95	30	60	46.3	12012	PASS
95	95	100	100	100.0	25950	PASS
96	95	5	9	7.6	1979	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	80.3	20832	PASS
175	174	5	9	7.9	1639	PASS
176	174	95	101	96.7	20153	PASS
177	176	5	9	7.7	1558	PASS

Data File	Sample Number	Analysis Date:
1M40594.D	CAL @ 50 PPB	01/15/09 07:25
1M40595.D	BLK	01/15/09 07:46
1M40596.D	DAILY BLANK	01/15/09 08:03
1M40597.D	MBS10968	01/15/09 08:27
1M40598.D	BLK	01/15/09 08:44
1M40599.D	BLKTEST	01/15/09 09:01
1M40600.D	AC42156-003	01/15/09 09:18
1M40601.D	AC42156-004	01/15/09 09:35
1M40602.D	BLKPREP	01/15/09 09:52
1M40603.D	AC42118-001	01/15/09 10:09
1M40604.D	BLK	01/15/09 10:26
1M40605.D	BLK	01/15/09 10:43
1M40606.D	AC42118-003	01/15/09 11:00
1M40607.D	BLK	01/15/09 11:17
1M40608.D	AC42118-005	01/15/09 11:34
1M40609.D	AC42118-007	01/15/09 11:51
1M40610.D	AC42118-009	01/15/09 12:11
1M40611.D	AC42118-011	01/15/09 12:28
1M40612.D	AC42118-001	01/15/09 12:45
1M40613.D	BLK	01/15/09 13:02
1M40614.D	AC42121-001	01/15/09 13:19
1M40615.D	AC42121-002	01/15/09 13:36
1M40616.D	AC42121-004	01/15/09 13:53
1M40617.D	AC42121-005	01/15/09 14:09
1M40618.D	AC42121-006	01/15/09 14:26
1M40619.D	AC42123-001	01/15/09 14:43
1M40620.D	AC42123-004	01/15/09 15:00
1M40621.D	AC42121-003	01/15/09 15:17

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58229.D
Analysis Date: 01/15/09 07:05
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.443 to 4.483 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	25.4	13198	PASS
75	95	30	60	50.0	26027	PASS
95	95	100	100	100.0	52034	PASS
96	95	5	9	6.5	3360	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	87.1	45345	PASS
175	174	5	9	7.3	3310	PASS
176	174	95	101	99.7	45209	PASS
177	176	5	9	7.2	3237	PASS

Data File	Sample Number	Analysis Date:
3M58230.D	CAL @ 20 PPB	01/15/09 07:39
3M58231.D	DAILY BLANK	01/15/09 08:00
3M58232.D	DAILY BLANK	01/15/09 08:17
3M58233.D	AC42119-001	01/15/09 08:35
3M58234.D	MBS10971	01/15/09 08:52
3M58235.D	MBS10972	01/15/09 09:09
3M58236.D	BLK	01/15/09 09:26
3M58237.D	AC42033-001(MS)	01/15/09 09:43
3M58238.D	AC42033-001(MSD	01/15/09 10:00
3M58239.D	AC42124-001	01/15/09 10:17
3M58240.D	AC42148-001	01/15/09 10:34
3M58241.D	AC42148-002	01/15/09 10:51
3M58242.D	AC42148-004	01/15/09 11:08
3M58243.D	AC42148-007	01/15/09 11:25
3M58244.D	AC42148-009	01/15/09 11:42
3M58245.D	AC42148-010	01/15/09 11:59
3M58246.D	AC42148-011	01/15/09 12:17
3M58247.D	AC42148-012	01/15/09 12:34
3M58248.D	BLKHCL	01/15/09 12:51
3M58249.D	AC42161-004(100	01/15/09 13:11
3M58250.D	AC42161-002(100	01/15/09 13:32
3M58251.D	AC42161-006(100	01/15/09 13:54
3M58252.D	AC42161-008(100	01/15/09 14:17
3M58253.D	BLK	01/15/09 14:36
3M58254.D	AC42148-008(10X)	01/15/09 14:56
3M58255.D	AC42148-005(10X)	01/15/09 15:18
3M58256.D	AC42148-003(10X)	01/15/09 15:40
3M58257.D	AC42148-006(10X)	01/15/09 16:04
3M58258.D	BLK	01/15/09 16:24
3M58259.D	AC42169-003	01/15/09 16:42
3M58260.D	AC42132-001	01/15/09 16:59
3M58261.D	AC42132-002	01/15/09 17:17
3M58262.D	AC42146-001	01/15/09 17:34
3M58263.D	AC42050-001	01/15/09 17:51
3M58264.D	MBS10978	01/15/09 18:08
3M58265.D	AC42101-003(MS)	01/15/09 18:25
3M58266.D	AC42101-003(MSD	01/15/09 18:44
3M58267.D	MBS10979	01/15/09 19:01
3M58268.D	BLK	01/15/09 19:19
3M58269.D	BLK	01/15/09 19:37

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M40622.D
Analysis Date: 01/15/09 15:29
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.381 to 4.431 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.2	6277	PASS
75	95	30	60	46.3	14403	PASS
95	95	100	100	100.0	31123	PASS
96	95	5	9	8.0	2495	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.8	25473	PASS
175	174	5	9	8.2	2086	PASS
176	174	95	101	96.2	24510	PASS
177	176	5	9	7.4	1812	PASS

Data File	Sample Number	Analysis Date:
1M40623.D	50 PPB	01/15/09 15:40
1M40624.D	CAL @ 50 PPB	01/15/09 16:08
1M40625.D	BLK	01/15/09 16:29
1M40626.D	BLK	01/15/09 16:46
1M40627.D	BLK	01/15/09 17:03
1M40628.D	DAILY BLANK	01/15/09 17:20
1M40629.D	MBS10974	01/15/09 17:37
1M40630.D	MBS10975	01/15/09 17:54
1M40631.D	BLK	01/15/09 18:11
1M40632.D	BLK	01/15/09 18:28
1M40633.D	AC42144-001	01/15/09 18:45
1M40634.D	AC42144-002	01/15/09 19:02
1M40635.D	AC42144-003	01/15/09 19:19
1M40636.D	AC42144-004	01/15/09 19:36
1M40637.D	AC42144-007	01/15/09 19:53
1M40638.D	AC42144-008	01/15/09 20:10
1M40639.D	AC42144-018	01/15/09 20:27
1M40640.D	AC42144-019	01/15/09 20:44
1M40641.D	AC42183-001	01/15/09 21:01
1M40642.D	AC42183-003	01/15/09 21:18
1M40643.D	AC42183-005	01/15/09 21:35
1M40644.D	AC42183-007	01/15/09 21:52
1M40645.D	AC42183-009	01/15/09 22:09
1M40646.D	AC42183-011	01/15/09 22:26
1M40647.D	AC42183-013	01/15/09 22:43
1M40648.D	AC41930-009	01/15/09 22:59
1M40649.D	AC42169-001	01/15/09 23:16
1M40650.D	AC42169-005	01/15/09 23:33
1M40651.D	AC42152-002	01/15/09 23:50
1M40652.D	MBS10976	01/16/09 00:07
1M40653.D	MBS10977	01/16/09 00:24
1M40654.D	BLK	01/16/09 00:41
1M40655.D	BLK	01/16/09 00:58
1M40656.D	BLK	01/16/09 01:15
1M40657.D	BLK	01/16/09 01:32
1M40658.D	BLK	01/16/09 01:49
1M40659.D	BLKCLO(LAB)	01/16/09 02:06
1M40660.D	BLKOP(LAB)	01/16/09 02:23
1M40661.D	BLKCLO(11509)	01/16/09 02:39
1M40662.D	BLKOP(11509)	01/16/09 02:56
1M40663.D	BLKCLO(11409)	01/16/09 03:13
1M40664.D	BLKOP(11409)	01/16/09 03:30
1M40665.D	BLKTEST(1/9)	01/16/09 03:47
1M40666.D	BLKTEST(1/9)TAP	01/16/09 04:04
1M40667.D	BLKTEST(1/9)TAP	01/16/09 04:21
1M40668.D	BLK	01/16/09 04:37

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M40759.D
Analysis Date: 01/19/09 09:33
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.422 to 4.481 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.5	4411	PASS
75	95	30	60	43.5	9342	PASS
95	95	100	100	100.0	21489	PASS
96	95	5	9	7.8	1666	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.1	17000	PASS
175	174	5	9	7.6	1284	PASS
176	174	95	101	96.4	16384	PASS
177	176	5	9	6.8	1122	PASS

Data File	Sample Number	Analysis Date
1M40760.D	CAL @ 50 PPB	01/19/09 09:43
1M40761.D	BLK	01/19/09 10:08
1M40762.D	BLK	01/19/09 10:25
1M40763.D	BLK	01/19/09 10:42
1M40764.D	DAILY BLANK	01/19/09 10:59
1M40765.D	MBS10995	01/19/09 11:20
1M40766.D	MBS10999	01/19/09 11:56
1M40767.D	BLK	01/19/09 12:13
1M40768.D	AC42235-002	01/19/09 12:30
1M40769.D	AC42235-006	01/19/09 12:47
1M40770.D	AC42235-004	01/19/09 13:04
1M40771.D	BLK	01/19/09 13:21
1M40772.D	AC42076-003	01/19/09 13:38
1M40773.D	AC42178-002	01/19/09 13:55
1M40774.D	AC42203-004	01/19/09 14:12
1M40775.D	AC42203-005	01/19/09 14:29
1M40776.D	AC42203-006	01/19/09 14:46
1M40777.D	AC42203-002	01/19/09 15:03
1M40778.D	AC42194-001	01/19/09 15:20
1M40779.D	AC42176-001	01/19/09 15:37
1M40780.D	AC42176-002	01/19/09 15:54
1M40781.D	AC42176-003	01/19/09 16:11
1M40782.D	BLK	01/19/09 16:28
1M40783.D	AC42180-002	01/19/09 16:45
1M40784.D	AC42191-001(5X)	01/19/09 17:02
1M40785.D	AC42203-007	01/19/09 17:19
1M40786.D	AC42203-008	01/19/09 17:36
1M40787.D	AC42203-010	01/19/09 17:53
1M40788.D	AC42204-001	01/19/09 18:10
1M40789.D	AC42236-001	01/19/09 18:27
1M40790.D	AC42144-019(MS)	01/19/09 18:43
1M40791.D	AC42144-019(MSD	01/19/09 19:00
1M40792.D	BLK	01/19/09 19:17
1M40793.D	BLK	01/19/09 19:34
1M40794.D	MBS11004	01/19/09 19:51
1M40795.D	BLK	01/19/09 20:08
1M40796.D	AC42180-004	01/19/09 20:25
1M40797.D	AC42180-003	01/19/09 20:42
1M40798.D	MBS11005	01/19/09 20:59
1M40799.D	AC42183-007(MS)	01/19/09 21:16
1M40800.D	AC42183-007(MSD	01/19/09 21:32
1M40801.D	BLK	01/19/09 21:49
1M40802.D	BLK	01/19/09 22:06
1M40803.D	BLK	01/19/09 22:23
1M40804.D	BLK	01/19/09 22:40
1M40805.D	BLK	01/19/09 22:57
1M40806.D	BLK	01/19/09 23:14
1M40807.D	BLK	01/19/09 23:31
1M40808.D	BLK	01/19/09 23:47
1M40809.D	BLK	01/20/09 00:04
1M40810.D	BLKTEST	01/20/09 00:21
1M40811.D	BLKrandom vial(1/	01/20/09 00:38
1M40812.D	BLKprep(1/12)prep	01/20/09 00:55
1M40813.D	BLKnotape(1/12)pr	01/20/09 01:13
1M40814.D	BLKoutsidetape(1/	01/20/09 01:29
1M40815.D	BLKinside tape(1/1	01/20/09 01:46
1M40816.D	BLKclo(011909)	01/20/09 02:03

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M57501.D Method: EPA 8260B

Analysis Date/Time: 12/19/08 12:55

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	216092	4.60	185048	6.43	106531	7.84						
Eval File Area Limit:	108046-432184		92524-370096		53266-213062							
Eval File Rt Limit:	4.1-5.1		5.93-6.93		7.34-8.34							

Data File	Sample						
3M57494.D	CAL @ 1 PP	225803	4.59	191893	6.42	109445	7.83
3M57495.D	CAL @ 0.5 P	213791	4.59	190603	6.42	105380	7.84
3M57496.D	5 PPB	257406	4.59	222111	6.43	127694	7.84
3M57497.D	CAL @ 500 P	238520	4.59	166295	6.43	92692	7.84
3M57498.D	CAL @ 250 P	237695	4.59	178832	6.43	100758	7.84
3M57499.D	CAL @ 100 P	224406	4.60	184028	6.43	101769	7.84
3M57500.D	CAL @ 50 P	213366	4.60	181102	6.43	103468	7.85
3M57501.D	CAL @ 20 P	216092	4.60	185048	6.43	106531	7.84
3M57502.D	CAL @ 10 P	232335	4.60	194463	6.43	109188	7.85
3M57503.D	BLK	217305	4.60	184565	6.43	97660	7.85
3M57504.D	STDTEST	232827	4.60	186687	6.43	110818	7.85
3M57505.D	BLK	231115	4.60	185758	6.43	102732	7.85
3M57506.D	CAL @ 5 PP	224540	4.60	174478	6.43	100897	7.85
3M57507.D	STDTEST	239969	4.60	214311	6.43	116102	7.85
3M57508.D	ICV	231235	4.60	196819	6.43	111475	7.85
3M57509.D	BLK	230420	4.60	201572	6.44	102428	7.85
3M57510.D	DAILY BLAN	217282	4.60	172293	6.44	95861	7.85
3M57511.D	DAILY BLAN	207070	4.60	178120	6.44	95779	7.85
3M57512.D	AC41811-007	215042	4.60	187664	6.44	100440	7.85
3M57513.D	MBS10797	231049	4.60	180808	6.44	107087	7.85
3M57514.D	MBS10798	220269	4.60	178945	6.44	106677	7.85
3M57516.D	AC41811-006	204221	4.61	180093	6.43	96439	7.85
3M57517.D	AC41811-001	215094	4.60	176728	6.44	95620	7.85
3M57518.D	AC41811-002	232864	4.61	186820	6.44	102626	7.85
3M57519.D	AC41811-003	230758	4.60	186593	6.44	101895	7.85
3M57520.D	AC41811-004	233526	4.60	193092	6.44	101422	7.85
3M57521.D	AC41811-005	212968	4.61	186493	6.44	92827	7.85
3M57523.D	AC41684-035	228176	4.60	178781	6.44	107719	7.85
3M57524.D	AC41684-035	232880	4.60	197223	6.44	118956	7.85
3M57525.D	MBS10807	233353	4.60	196290	6.43	114778	7.85
3M57526.D	AC41830-001	227690	4.60	189211	6.44	105944	7.85
3M57527.D	AC41830-003	212719	4.60	179989	6.44	97041	7.85
3M57528.D	AC41830-004	226283	4.60	193716	6.44	105058	7.85
3M57529.D	AC41830-010	210175	4.60	177876	6.44	92787	7.85
3M57530.D	AC41830-007	236120	4.60	201195	6.43	103377	7.85
3M57531.D	AC41830-008	304637	4.60	242951	6.43	132623	7.85
3M57532.D	AC41830-009	304476	4.60	241208	6.43	132900	7.85
3M57533.D	AC41830-005	298524	4.60	256832	6.43	121531	7.85
3M57534.D	AC41830-006	269473	4.60	233441	6.43	110100	7.85
3M57535.D	AC41830-002	298776	4.60	259056	6.43	128950	7.85
3M57536.D	MBS10804	266632	4.60	228419	6.43	123556	7.85
3M57537.D	BLK	244772	4.60	207852	6.43	105221	7.85
3M57538.D	BLK	258180	4.60	209775	6.43	109668	7.85
3M57539.D	BLK	240262	4.60	196539	6.43	100661	7.85
3M57540.D	BLK	242019	4.60	200183	6.43	104179	7.85
3M57552.D	BLK	222250	4.60	196074	6.43	104605	7.84
3M57562.D	MBS10805	222285	4.60	195918	6.43	110531	7.84
3M57563.D	AC41662-004	221578	4.60	192853	6.42	112115	7.84
3M57564.D	AC41662-004	222884	4.60	195775	6.43	112984	7.84
3M57565.D	MBS10806	225817	4.60	199740	6.43	115546	7.84

I1 = Fluorobenzene I4 =

I2 = Chlorobenzene-d5 I5 =

I3 = 1,4-Dichlorobenzene-d4 I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)

624/8260 Internal Standard concentration = 30ug/L

524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M58073.D Method: EPA 8260B

Analysis Date/Time: 01/08/09 06:49

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	236521	4.61	199710	6.44	99589	7.86						
Eval File Area Limit:	118260-473042		99855-399420		49794-199178							
Eval File Rt Limit:	4.11-5.11		5.94-6.94		7.36-8.360001							

Data File	Sample						
3M58074.D	BLKFB	231362	4.61	178146	6.45	89369	7.87
3M58075.D	DAILY BLAN	191219	4.61	159489	6.45	86331	7.87
3M58076.D	DAILY BLAN	225602	4.61	182457	6.45	90358	7.87
3M58077.D	AC42019-002	206232	4.62	160666	6.45	84015	7.87
3M58079.D	MBS10929	246302	4.61	194050	6.45	109767	7.87
3M58080.D	MBS10930	218829	4.61	159452	6.45	99742	7.87
3M58081.D	BLKHCL	209226	4.61	172618	6.45	102574	7.87
3M58083.D	AC42019-003	214048	4.61	164575	6.45	80110	7.87
3M58084.D	BLK	244119	4.61	192197	6.45	96815	7.86
3M58089.D	AC42033-001	221019	4.61	175890	6.45	101379	7.86
3M58092.D	MBS10932	278929	4.61	218700	6.45	123310	7.86
3M58093.D	BLK	235516	4.61	186849	6.44	105376	7.86
3M58095.D	AC42029-013	237742	4.61	171930	6.45	104120	7.86
3M58096.D	AC42029-013	235814	4.60	207063	6.45	110582	7.86
3M58097.D	AC42021-001	243406	4.61	198178	6.45	109645	7.86
3M58098.D	AC42021-001	245755	4.61	191831	6.44	113675	7.86
3M58099.D	AC41930-005	257232	4.61	198529	6.45	108160	7.86
3M58100.D	AC41930-005	223447	4.61	177336	6.45	109071	7.86
3M58101.D	BLK	237039	4.61	189654	6.44	108118	7.86
3M58102.D	BLK	245438	4.61	194024	6.45	103688	7.86
3M58103.D	BLK	241561	4.61	186065	6.45	101700	7.86
3M58104.D	BLK	209168	4.61	170499	6.45	96981	7.86

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M58164.D Method: EPA 8260B

Analysis Date/Time: 01/13/09 10:59

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	236488	4.59	200863	6.42	110172	7.84						
Eval File Area Limit:	118244-472976		100432-401726		55086-220344							
Eval File Rt Limit:	4.09-5.09		5.92-6.92		7.34-8.34							

Data File	Sample						
3M58156.D	BLK	266095	4.58	191977	6.41	94571	7.83
3M58157.D	CAL @ 1 PP	277138	4.59	197334	6.41	104270	7.83
3M58158.D	CAL @ 0.5 P	238014	4.59	182203	6.41	100182	7.83
3M58159.D	CAL @ 5 PP	259241	4.59	208532	6.41	120338	7.84
3M58160.D	CAL @ 500 P	253781	4.59	188011	6.42	99224	7.84
3M58161.D	CAL @ 250 P	246824	4.59	196302	6.42	105197	7.84
3M58162.D	CAL @ 100 P	230478	4.59	193789	6.42	108722	7.84
3M58163.D	CAL @ 50 P	245393	4.59	198482	6.42	112839	7.84
3M58164.D	CAL @ 20 P	236488	4.59	200863	6.42	110172	7.84
3M58165.D	CAL @ 10 P	255347	4.61	209783	6.43	119544	7.86
3M58166.D	BLK	245317	4.59	194166	6.42	109473	7.84
3M58167.D	ICV	278267	4.59	207081	6.42	113578	7.84
3M58168.D	BLK	238459	4.59	175610	6.42	97119	7.84
3M58169.D	DAILY BLAN	248296	4.60	181483	6.42	102335	7.84
3M58170.D	DAILY BLAN	250801	4.59	184633	6.42	102665	7.85
3M58171.D	MBS10953	244140	4.60	194899	6.42	116050	7.85
3M58172.D	MBS10954	227004	4.59	191784	6.42	113385	7.85
3M58173.D	BLK	222724	4.60	186129	6.42	102261	7.85
3M58174.D	AC42112-001	230106	4.60	190653	6.42	109995	7.85
3M58175.D	AC42112-002	241628	4.60	194431	6.42	109497	7.85
3M58176.D	AC42116-004	240622	4.60	199834	6.42	109782	7.85
3M58177.D	AC42051-001	263356	4.60	199216	6.42	111935	7.85
3M58178.D	AC42051-002	254734	4.60	198609	6.43	106094	7.85
3M58179.D	AC42051-003	255390	4.60	197824	6.42	104191	7.85
3M58180.D	AC42051-004	276333	4.60	221839	6.42	114498	7.85
3M58181.D	EF-1-V-5836	264220	4.60	212479	6.43	109997	7.85
3M58182.D	BLK	254997	4.60	210228	6.43	110439	7.85
3M58183.D	AC42116-004	273697	4.60	215516	6.43	111740	7.85

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M40507.D Method: EPA 8260B

Analysis Date/Time: 01/13/09 11:47

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	347092	4.58	304878	6.39	179947	7.81						
Eval File Area Limit:	173546-694184		152439-609756		89974-359894							
Eval File Rt Limit:	4.08-5.08		5.89-6.89		7.31-8.309999							

Data File	Sample						
1M40502.D	1 PPB	331034	4.58	302554	6.39	192501	7.81
1M40503.D	CAL @ 500 P	336090	4.58	262693	6.39	135316	7.81
1M40504.D	CAL @ 250 P	330207	4.58	270129	6.39	148650	7.81
1M40505.D	CAL @ 100 P	331773	4.58	291127	6.39	163072	7.81
1M40506.D	CAL @ 50 P	341625	4.58	300795	6.40	175319	7.81
1M40507.D	CAL @ 20 P	347092	4.58	304878	6.39	179947	7.81
1M40508.D	CAL @ 10 P	352717	4.57	302973	6.40	178438	7.81
1M40509.D	CAL @ 5 PP	356609	4.58	311048	6.40	182130	7.81
1M40511.D	CAL @ 1 PP	342034	4.58	305374	6.40	187964	7.81
1M40512.D	ICV	338953	4.58	292132	6.40	174235	7.81
1M40514.D	BLK	351229	4.59	328082	6.40	183886	7.81
1M40515.D	DAILY BLAN	350465	4.58	317094	6.40	186144	7.82
1M40516.D	BLK	10564	4.42	0	0.00 R	0	0.00 R
1M40517.D	MBS10955	349648	4.58	306849	6.40	179774	7.82
1M40518.D	MBS10956	353259	4.59	307306	6.40	180716	7.82
1M40519.D	AC42081-002	355876	4.58	316047	6.40	187718	7.82
1M40520.D	AC42081-002	357796	4.59	312831	6.40	185038	7.82
1M40521.D	BLK	336609	4.59	300117	6.40	171843	7.82
1M40522.D	AC42081-001	327559	4.58	290355	6.40	165909	7.82
1M40523.D	AC42081-002	325704	4.59	281303	6.40	159565	7.82
1M40524.D	AC42081-007	324779	4.59	289888	6.40	164081	7.82
1M40525.D	AC42081-010	288155	4.59	255171	6.40	146276	7.82
1M40526.D	AC42081-011	315927	4.58	268136	6.40	140527	7.82
1M40527.D	AC42081-012	317754	4.59	277274	6.41	140975	7.82
1M40528.D	AC42081-013	334772	4.59	293153	6.40	164032	7.82
1M40529.D	AC42081-014	340994	4.59	305791	6.40	176357	7.82
1M40530.D	AC42081-015	335383	4.59	298490	6.40	173441	7.82
1M40531.D	AC42081-016	340224	4.59	306635	6.40	177683	7.82
1M40532.D	AC42081-017	339898	4.59	298690	6.41	172184	7.83
1M40533.D	AC42081-018	341590	4.59	309096	6.40	176479	7.82
1M40534.D	AC42081-019	349412	4.58	309563	6.41	178502	7.82
1M40535.D	AC42081-020	353478	4.58	0	0.00 R	0	0.00 R
1M40536.D	AC42081-021	327386	4.59	296060	6.41	174759	7.82
1M40537.D	AC42105-001	333855	4.59	295457	6.41	168739	7.82
1M40538.D	AC42105-002	329943	4.59	300404	6.40	172482	7.82
1M40539.D	BLK	320295	4.59	294287	6.41	164782	7.82
1M40540.D	BLK	331232	4.59	304797	6.41	174146	7.82
1M40541.D	BLK	329531	4.59	297133	6.40	170732	7.82
1M40542.D	BLK	322677	4.59	298783	6.41	170328	7.82
1M40543.D	BLK	332962	4.59	300186	6.41	172156	7.82
1M40544.D	BLK	343923	4.59	309415	6.41	180354	7.82
1M40545.D	BLK	315878	4.58	272832	6.41	153147	7.83
1M40546.D	BLK	325598	4.59	295493	6.41	167327	7.83

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M36952.D Method: EPA 8260B

Analysis Date/Time: 01/14/09 11:44

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	251159	4.31	213377	6.11	120196	7.50						
Eval File Area Limit:	125580-502318		106688-426754		60098-240392							
Eval File Rt Limit:	3.81-4.81		5.61-6.61		7-8							

Data File	Sample						
6M36943.D	BLK	227695	4.30	193175	6.10	96101	7.49
6M36944.D	CAL @ 1 PP	214873	4.30	180159	6.11	87609	7.49
6M36945.D	CAL @ 0.5 P	209401	4.30	174189	6.11	81421	7.49
6M36946.D	CAL @ 5 PP	204699	4.31	166250	6.11	97425	7.50
6M36947.D	CAL @ 500 P	236961	4.30	194414	6.10	106277	7.49
6M36948.D	CAL @ 250 P	260830	4.30	227242	6.10	119306	7.49
6M36949.D	CAL @ 100 P	259246	4.30	227705	6.11	123844	7.49
6M36950.D	CAL @ 50 P	257112	4.30	218031	6.11	122319	7.49
6M36951.D	CAL @ 10 P	250324	4.30	213116	6.11	119275	7.49
6M36952.D	CAL @ 20 P	251159	4.31	213377	6.11	120196	7.50
6M36953.D	BLK	241360	4.30	207960	6.11	98971	7.50
6M36954.D	ICV	251249	4.30	224096	6.11	124339	7.49
6M36955.D	BLK	239742	4.30	199765	6.11	94672	7.50
6M36956.D	BLK	231494	4.30	191298	6.11	89399	7.50
6M36957.D	BLK	225287	4.30	179670	6.11	81970	7.51
6M36958.D	DAILY BLAN	220519	4.30	184165	6.11	82739	7.50
6M36959.D	DAILY BLAN	219176	4.31	177188	6.11	83165	7.50
6M36960.D	MBS10963	219221	4.30	173627	6.11	97181	7.50
6M36961.D	MBS10964	227026	4.30	183191	6.11	113886	7.50
6M36962.D	BLK	228992	4.31	184647	6.11	89313	7.50
6M36963.D	AC42097-007	220334	4.30	174502	6.11	78021	7.50
6M36964.D	AC42097-009	220251	4.30	168989	6.11	79531	7.51
6M36965.D	AC42135-001	215578	4.30	164816	6.11	95393	7.51
6M36966.D	AC42116-002	220527	4.31	207787	6.11	112125	7.50
6M36967.D	AC42118-001	233380	4.30	206391	6.11	105320	7.50
6M36968.D	AC42118-003	228466	4.31	199443	6.11	101637	7.50
6M36969.D	AC42118-007	229661	4.31	201129	6.11	98480	7.50
6M36970.D	AC42118-009	223480	4.31	188007	6.11	91686	7.50
6M36971.D	AC42118-011	223826	4.31	186790	6.11	88368	7.50
6M36972.D	AC42049-008	220544	4.31	185837	6.11	90070	7.50
6M36973.D	AC42071-002	222619	4.30	191750	6.11	107969	7.50
6M36974.D	AC42118-005	227655	4.30	202608	6.11	100567	7.50
6M36975.D	EF-1-V-5836	227498	4.30	194883	6.11	93025	7.50
6M36976.D	AC42116-002	235298	4.30	199327	6.11	117942	7.49
6M36977.D	AC42116-002	234755	4.30	201252	6.11	115198	7.49
6M36978.D	AC42121-001	236155	4.30	188444	6.11	102149	7.50
6M36979.D	AC42121-002	232900	4.30	187827	6.11	93062	7.51
6M36980.D	AC42121-003	226229	4.30	192016	6.11	93450	7.51
6M36981.D	AC42121-004	221205	4.30	178342	6.11	82845	7.51
6M36982.D	AC42121-005	229198	4.31	177453	6.11	86755	7.51
6M36983.D	AC42121-006	223176	4.30	173971	6.11	80879	7.51
6M36984.D	AC42123-001	209356	4.30	165950	6.11	76957	7.51
6M36985.D	AC42123-004	212207	4.30	165342	6.11	75585	7.51
6M36991.D	BLK	194248	4.31	153690	6.11	75193	7.50
6M36992.D	BLK	188608	4.30	148859	6.11	73433	7.50
6M36993.D	BLK	188247	4.30	151495	6.11	72536	7.50
6M36994.D	BLK	191101	4.30	152435	6.11	73396	7.50
6M36995.D	BLK	185835	4.31	147887	6.11	73167	7.50

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M40594.D Method: EPA 8260B

Analysis Date/Time: 01/15/09 07:25

Lab File ID: CAL @ 50 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	295342	4.58	268882	6.39	168252	7.81						
Eval File Area Limit:	147671-590684		134441-537764		84126-336504							
Eval File Rt Limit:	4.08-5.08		5.89-6.89		7.31-8.309999							
Data File Sample												
1M40595.D BLK	285464	4.58	278710	6.41	175339	7.82						
1M40596.D DAILY BLAN	305609	4.58	279271	6.39	166751	7.81						
1M40597.D MBS10968	304454	4.58	277504	6.39	171832	7.81						
1M40598.D BLK	291711	4.57	280029	6.39	176003	7.81						
1M40599.D BLKTEST	309242	4.58	277920	6.39	167193	7.81						
1M40600.D AC42156-003	265253	4.58	263079	6.39	176367	7.81						
1M40601.D AC42156-004	287102	4.59	274752	6.41	176560	7.82						
1M40602.D BLKPREP	276055	4.58	262736	6.39	161621	7.81						
1M40603.D AC42118-001	264502	4.58	248907	6.39	158682	7.81						
1M40604.D BLK	239583	4.57	185267	6.39	77352	7.81						
1M40605.D BLK	348871	4.58	278532	6.39	164691	7.81						
1M40606.D AC42118-003	359136	4.58	272427	6.39	161259	7.81						
1M40607.D BLK	319259	4.58	242498	6.39	127025	7.80						
1M40608.D AC42118-005	365906	4.58	294126	6.39	161356	7.81						
1M40609.D AC42118-007	374174	4.58	301223	6.39	166422	7.81						
1M40610.D AC42118-009	373682	4.58	301070	6.39	162417	7.81						
1M40611.D AC42118-011	358255	4.58	285127	6.39	147654	7.81						
1M40612.D AC42118-001	365231	4.58	273274	6.39	144809	7.81						
1M40613.D BLK	384352	4.57	312497	6.39	177123	7.81						
1M40614.D AC42121-001	373392	4.58	314643	6.39	169431	7.81						
1M40615.D AC42121-002	382619	4.58	309235	6.39	177302	7.81						
1M40616.D AC42121-004	371880	4.58	310839	6.39	171822	7.81						
1M40617.D AC42121-005	404085	4.58	329150	6.39	185287	7.81						
1M40618.D AC42121-006	387604	4.58	320687	6.39	177090	7.81						
1M40619.D AC42123-001	359184	4.58	292875	6.39	167985	7.81						
1M40620.D AC42123-004	369854	4.58	299403	6.39	167145	7.81						
1M40621.D AC42121-003	375841	4.58	317900	6.39	173846	7.80						

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M58230.D Method: EPA 8260B

Analysis Date/Time: 01/15/09 07:39

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	244041	4.59	185232	6.41	103427	7.83						
Eval File Area Limit:	122020-488082		92616-370464		51714-206854							
Eval File Rt Limit:	4.09-5.09		5.91-6.91		7.33-8.33							
Data File Sample												
3M58231.D DAILY BLAN	215741	4.59	174609	6.41	91863	7.84						
3M58232.D DAILY BLAN	196379	4.59	160797	6.41	88321	7.84						
3M58233.D AC42119-001	212298	4.59	169304	6.41	94475	7.84						
3M58234.D MBS10971	235045	4.59	181219	6.41	96214	7.84						
3M58235.D MBS10972	224126	4.59	171089	6.41	94575	7.84						
3M58236.D BLK	214684	4.59	169440	6.41	91107	7.84						
3M58237.D AC42033-001	205975	4.59	163780	6.42	95893	7.84						
3M58238.D AC42033-001	234296	4.59	172086	6.41	101005	7.84						
3M58240.D AC42148-001	242575	4.59	183319	6.41	97974	7.84						
3M58241.D AC42148-002	234973	4.59	177376	6.41	98561	7.84						
3M58242.D AC42148-004	208674	4.59	179690	6.41	99749	7.84						
3M58243.D AC42148-007	225206	4.59	188686	6.42	101496	7.84						
3M58244.D AC42148-009	214712	4.59	183142	6.41	101841	7.84						
3M58245.D AC42148-010	210374	4.59	174347	6.41	97967	7.84						
3M58246.D AC42148-011	215681	4.59	184074	6.41	101769	7.84						
3M58247.D AC42148-012	212582	4.59	178845	6.41	96055	7.84						
3M58248.D BLKHCL	215063	4.59	171412	6.41	93672	7.84						
3M58253.D BLK	259859	4.59	210105	6.41	111325	7.83						
3M58254.D AC42148-008	244093	4.59	199003	6.41	104593	7.83						
3M58255.D AC42148-005	246436	4.59	200701	6.41	108381	7.83						
3M58256.D AC42148-003	254392	4.59	195591	6.41	105625	7.83						
3M58257.D AC42148-006	304116	4.59	246925	6.41	135312	7.83						
3M58258.D BLK	299337	4.59	253479	6.41	132772	7.83						
3M58259.D AC42169-003	256339	4.59	208461	6.41	107723	7.83						
3M58264.D MBS10978	234733	4.59	180784	6.41	99250	7.83						
3M58265.D AC42101-003	242343	4.59	184309	6.41	99490	7.83						
3M58266.D AC42101-003	253075	4.59	195458	6.41	104628	7.83						
3M58267.D MBS10979	269044	4.59	202243	6.41	111461	7.83						
3M58268.D BLK	260741	4.59	207582	6.41	105264	7.83						
3M58269.D BLK	250790	4.59	187210	6.41	93542	7.83						

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M36998.D Method: EPA 8260B

Analysis Date/Time: 01/15/09 07:21

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	220869	4.30	192739	6.10	111970	7.49						
Eval File Area Limit:	110434-441738		96370-385478		55985-223940							
Eval File Rt Limit:	3.8-4.8		5.6-6.6		6.99-7.99							

Data File	Sample						
6M36999.D	BLK	218487	4.30	184260	6.10	88167	7.49
6M37000.D	DAILY BLAN	209426	4.30	166662	6.11	74215	7.50
6M37001.D	DAILY BLAN	206357	4.30	163870	6.10	78778	7.50
6M37002.D	MBS10969	208481	4.30	161194	6.10	98550	7.49
6M37003.D	MBS10970	209565	4.30	176716	6.11	109079	7.49
6M37004.D	BLK	218878	4.31	184105	6.10	88854	7.50
6M37006.D	AC42139-013	201121	4.30	165216	6.11	77775	7.49
6M37007.D	AC42139-012	193428	4.30	160419	6.11	77421	7.49
6M37008.D	AC42139-011	190691	4.30	154256	6.11	74755	7.49
6M37009.D	AC42139-010	189101	4.30	157296	6.11	75660	7.49
6M37010.D	AC42139-009	187785	4.32	154554	6.12	71068	7.51
6M37011.D	AC42139-008	181480	4.30	147638	6.11	72168	7.49
6M37012.D	AC42144-009	186174	4.31	157817	6.11	85833	7.50
6M37013.D	AC42144-011	186834	4.30	153359	6.11	79991	7.49
6M37014.D	BLK	186045	4.30	151478	6.11	74380	7.49
6M37015.D	AC42144-013	181902	4.30	151435	6.11	74783	7.49
6M37016.D	AC42144-014	184827	4.30	151992	6.11	74325	7.49
6M37017.D	AC42144-020	181613	4.31	152275	6.11	75055	7.50
6M37018.D	AC42157-015	179098	4.30	144187	6.11	71079	7.50
6M37019.D	AC42157-016	182625	4.30	149993	6.11	75733	7.50
6M37020.D	AC42169-007	180566	4.30	149039	6.11	73770	7.49
6M37021.D	AC42169-008	177321	4.30	144833	6.11	71050	7.49
6M37023.D	AC42071-001	182813	4.30	164534	6.10	99791	7.49
6M37024.D	AC42143-001	198324	4.30	177728	6.11	90344	7.50
6M37025.D	EF-1-V-5836	200723	4.30	175595	6.11	81399	7.49
6M37026.D	AC42161-001	218097	4.30	157745	6.10	92434	7.50
6M37027.D	AC42161-003	214239	4.30	148451	6.11	93114	7.51
6M37028.D	AC42161-005	211633	4.30	144973	6.11	93862	7.50
6M37029.D	AC42161-007	222688	4.30	160894	6.10	95740	7.50
6M37030.D	BLK	222767	4.30	188861	6.11	97055	7.49
6M37031.D	AC42094-006	234647	4.30	199004	6.11	115473	7.49
6M37032.D	AC42094-006	207417	4.30	167988	6.10	99029	7.49
6M37033.D	BLK	224538	4.30	186172	6.10	90506	7.49
6M37034.D	BLK	221920	4.30	176641	6.10	86660	7.49
6M37035.D	BLK	216899	4.30	176511	6.10	82518	7.49
6M37036.D	MBS10980	217551	4.30	180765	6.11	109044	7.49
6M37038.D	AC42104-001	233037	4.30	201576	6.10	120067	7.49
6M37039.D	AC42104-001	231193	4.30	194595	6.10	114935	7.49
6M37040.D	BLK	231375	4.30	189442	6.10	89553	7.49
6M37052.D	MBS10981	222279	4.30	188908	6.10	117701	7.49
6M37053.D	BLK	227845	4.30	189895	6.11	90257	7.50
6M37062.D	BLK	323300	4.33	282115	6.12	142010	7.51
6M37063.D	BLK	299010	4.33	254182	6.12	120660	7.51
6M37064.D	BLK	287659	4.33	238002	6.12	118786	7.51
6M37065.D	BLK	286869	4.33	244087	6.12	121009	7.51
6M37066.D	BLK	285538	4.33	245061	6.12	117907	7.51

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M40624.D Method: EPA 8260B

Analysis Date/Time: 01/15/09 16:08

Lab File ID: CAL @ 50 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	379743	4.57	305310	6.39	175801	7.80						
Eval File Area Limit:	189872-759486		152655-610620		87900-351602							
Eval File Rt Limit:	4.07-5.07		5.89-6.89		7.3-8.3							
Data File Sample												
1M40623.D 50 PPB	368614	4.57	302352	6.39	188029	7.80						
1M40625.D BLK	378223	4.58	308725	6.39	174737	7.80						
1M40626.D BLK	366122	4.58	299798	6.39	167392	7.80						
1M40627.D BLK	377185	4.58	304065	6.39	169229	7.81						
1M40628.D DAILY BLAN	380185	4.57	318078	6.39	181977	7.81						
1M40629.D MBS10974	359377	4.57	290436	6.39	169857	7.80						
1M40630.D MBS10975	366697	4.58	293018	6.39	172583	7.81						
1M40631.D BLK	369977	4.57	302719	6.39	171363	7.80						
1M40632.D BLK	359619	4.57	286929	6.39	156783	7.80						
1M40633.D AC42144-001	360428	4.58	283957	6.39	153176	7.80						
1M40634.D AC42144-002	363154	4.57	289605	6.38	158768	7.80						
1M40635.D AC42144-003	366501	4.57	291362	6.39	162895	7.80						
1M40636.D AC42144-004	372131	4.57	302809	6.38	167948	7.80						
1M40637.D AC42144-007	354773	4.57	287265	6.38	158437	7.80						
1M40638.D AC42144-008	363985	4.57	289981	6.38	160346	7.80						
1M40639.D AC42144-018	312421	4.57	238792	6.39	129629	7.80						
1M40640.D AC42144-019	342169	4.57	273447	6.39	152739	7.80						
1M40641.D AC42183-001	363638	4.58	288257	6.39	157087	7.80						
1M40642.D AC42183-003	349031	4.57	269279	6.39	155923	7.80						
1M40643.D AC42183-005	345454	4.57	259220	6.39	125791	7.81						
1M40644.D AC42183-007	318626	4.58	241379	6.39	129280	7.80						
1M40645.D AC42183-009	380475	4.58	304171	6.39	164842	7.80						
1M40646.D AC42183-011	347379	4.58	261881	6.39	138178	7.80						
1M40647.D AC42183-013	364237	4.58	271393	6.39	139883	7.80						
1M40648.D AC41930-009	358999	4.59	278760	6.39	164439	7.80						
1M40649.D AC42169-001	399912	4.58	310987	6.39	177855	7.81						
1M40650.D AC42169-005	352254	4.59	283637	6.39	161899	7.81						
1M40651.D AC42152-002	357758	4.60	257550	6.40	118646	7.81						
1M40652.D MBS10976	412854	4.60	342923	6.39	218790	7.81						
1M40653.D MBS10977	441262	4.60	361417	6.40	231228	7.81						
1M40654.D BLK	476439	4.60	402512	6.40	255552	7.81						
1M40655.D BLK	498809	4.60	413913	6.40	259426	7.81						
1M40656.D BLK	500382	4.60	406235	6.40	254158	7.81						
1M40657.D BLK	491463	4.60	409789	6.40	253533	7.81						
1M40658.D BLK	509699	4.61	424923	6.40	268954	7.81						
1M40659.D BLKCLO(LA	474167	4.61	391031	6.40	248888	7.81						
1M40660.D BLKOP(LAB)	476201	4.60	398884	6.41	250360	7.82						
1M40661.D BLKCLO(115	483686	4.60	397077	6.40	248322	7.81						
1M40662.D BLKOP(1150	468642	4.60	383273	6.40	246820	7.81						
1M40663.D BLKCLO(114	482550	4.61	395539	6.42	250492	7.83						
1M40664.D BLKOP(1140	474582	4.60	391555	6.41	245318	7.82						
1M40665.D BLKTEST(1/	479877	4.60	394649	6.40	253058	7.81						
1M40666.D BLKTEST(1/	471652	4.60	390200	6.40	246799	7.81						
1M40667.D BLKTEST(1/	453483	4.60	372613	6.40	236473	7.81						
1M40668.D BLK	470750	4.61	393058	6.40	249857	7.81						

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M40760.D Method: EPA 8260B

Analysis Date/Time: 01/19/09 09:43

Lab File ID: CAL @ 50 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	526716	4.63	435457	6.42	258027	7.84						
Eval File Area Limit:	263358-1053432		217728-870914		129014-516054							
Eval File Rt Limit:	4.13-5.13		5.92-6.92		7.34-8.34							

Data File	Sample						
1M40761.D	BLK	512166	4.62	433454	6.42	262488	7.84
1M40762.D	BLK	494063	4.63	420367	6.43	267479	7.84
1M40763.D	BLK	514056	4.62	436086	6.43	270174	7.84
1M40764.D	DAILY BLAN	489129	4.63	419556	6.43	262152	7.84
1M40765.D	MBS10995	502053	4.62	421016	6.43	261963	7.84
1M40766.D	MBS10999	509429	4.63	425328	6.43	266970	7.84
1M40767.D	BLK	524266	4.63	451999	6.43	289652	7.84
1M40768.D	AC42235-002	460249	4.63	313025	6.43	122069	7.84
1M40769.D	AC42235-006	415405	4.63	249064	6.43	90226	7.84
1M40770.D	AC42235-004	487502	4.63	372063	6.43	185138	7.84
1M40771.D	BLK	529372	4.64	455247	6.43	291317	7.84
1M40772.D	AC42076-003	500475	4.63	439084	6.43	279440	7.84
1M40773.D	AC42178-002	497245	4.63	400460	6.43	214356	7.84
1M40774.D	AC42203-004	503999	4.63	380030	6.43	168836	7.84
1M40775.D	AC42203-005	519952	4.64	441533	6.45	277584	7.86
1M40776.D	AC42203-006	528625	4.63	452112	6.43	288757	7.84
1M40777.D	AC42203-002	539861	4.63	454293	6.43	289196	7.85
1M40778.D	AC42194-001	490191	4.63	395726	6.43	226269	7.84
1M40779.D	AC42176-001	245287	4.63	97411	6.43	31070	7.84
1M40780.D	AC42176-002	387992	4.64	195651	6.43	62160	7.84
1M40781.D	AC42176-003	213353	4.64	75496	6.43	18945	7.84
1M40782.D	BLK	508394	4.64	429235	6.43	255476	7.84
1M40783.D	AC42180-002	359829	4.63	209427	6.43	76138	7.84
1M40784.D	AC42191-001	437703	4.63	303052	6.44	84480	7.85
1M40785.D	AC42203-007	502103	4.64	435821	6.43	272683	7.84
1M40786.D	AC42203-008	490386	4.63	422592	6.43	269703	7.84
1M40787.D	AC42203-010	493022	4.63	427141	6.43	261336	7.84
1M40788.D	AC42204-001	507510	4.64	440089	6.43	276189	7.84
1M40789.D	AC42236-001	515263	4.63	447930	6.43	279574	7.84
1M40790.D	AC42144-019	505784	4.63	419242	6.43	260563	7.84
1M40791.D	AC42144-019	497024	4.63	423192	6.43	258964	7.84
1M40792.D	BLK	533777	4.63	465327	6.43	291999	7.84
1M40793.D	BLK	527673	4.63	465046	6.43	294360	7.84
1M40794.D	MBS11004	513079	4.64	428308	6.43	270686	7.84
1M40795.D	BLK	532108	4.63	465455	6.43	289543	7.84
1M40796.D	AC42180-004	435544	4.63	316270	6.43	152366	7.84
1M40797.D	AC42180-003	495175	4.63	432337	6.43	265273	7.84
1M40798.D	MBS11005	494525	4.63	426130	6.43	268589	7.85
1M40799.D	AC42183-007	506481	4.63	434577	6.43	277802	7.84
1M40800.D	AC42183-007	498415	4.63	414401	6.43	244100	7.84
1M40801.D	BLK	520553	4.63	459592	6.43	291694	7.84
1M40802.D	BLK	524772	4.62	453862	6.43	290486	7.84
1M40803.D	BLK	504930	4.63	440458	6.43	284854	7.84
1M40804.D	BLK	525640	4.63	454365	6.43	288870	7.84
1M40805.D	BLK	458088	4.63	401079	6.43	248226	7.84
1M40806.D	BLK	520977	4.63	451859	6.43	284373	7.84
1M40807.D	BLK	522333	4.64	445238	6.43	284476	7.84
1M40808.D	BLK	510731	4.63	438173	6.43	281622	7.84
1M40809.D	BLK	520367	4.63	454173	6.43	286051	7.84
1M40810.D	BLKTEST	509695	4.63	440458	6.43	280701	7.84

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

GC/MS Volatile Data
Sample Data

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42169-001
Client Id: WB-1
Data File: 1M40649.D
Analysis Date: 01/15/09 23:16
Date Rec/Extracted: 01/14/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.1g
Final Vol: NA
Dilution: 0.980
Solids: 66

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0074	U	56-23-5	Carbon Tetrachloride	0.0074	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0074	U	108-90-7	Chlorobenzene	0.0074	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0074	U	75-00-3	Chloroethane	0.0074	U
79-00-5	1,1,2-Trichloroethane	0.0074	U	67-66-3	Chloroform	0.0074	U
75-34-3	1,1-Dichloroethane	0.0074	U	74-87-3	Chloromethane	0.0074	U
75-35-4	1,1-Dichloroethene	0.0074	U	156-59-2	cis-1,2-Dichloroethene	0.0074	U
96-18-4	1,2,3-Trichloropropane	0.0074	U	10061-01-5	cis-1,3-Dichloropropene	0.0074	U
95-63-6	1,2,4-Trimethylbenzene	0.0015	U	124-48-1	Dibromochloromethane	0.0074	U
95-50-1	1,2-Dichlorobenzene	0.0074	U	75-71-8	Dichlorodifluoromethane	0.0074	U
107-06-2	1,2-Dichloroethane	0.0074	U	100-41-4	Ethylbenzene	0.0015	U
78-87-5	1,2-Dichloropropane	0.0074	U	98-82-8	Isopropylbenzene	0.0015	U
108-67-8	1,3,5-Trimethylbenzene	0.0015	U	136777612	m&p-Xylenes	0.0030	U
541-73-1	1,3-Dichlorobenzene	0.0074	U	75-09-2	Methylene Chloride	0.0074	U
142-28-9	1,3-Dichloropropane	0.0074	U	1634-04-4	Methyl-t-butyl ether	0.0015	U
106-46-7	1,4-Dichlorobenzene	0.0074	U	104-51-8	n-Butylbenzene	0.0015	U
123-91-1	1,4-Dioxane	0.37	U	103-65-1	n-Propylbenzene	0.0015	U
78-93-3	2-Butanone	0.0074	U	95-47-6	o-Xylene	0.0015	U
110-75-8	2-Chloroethylvinylether	0.0074	U	135-98-8	sec-Butylbenzene	0.0015	U
591-78-6	2-Hexanone	0.0074	U	100-42-5	Styrene	0.0074	U
99-87-6	4-Isopropyltoluene	0.0015	U	75-65-0	t-Butyl Alcohol	0.037	U
108-10-1	4-Methyl-2-Pentanone	0.0074	U	98-06-6	t-Butylbenzene	0.0015	U
67-64-1	**Acetone**	**0.037**	**0.083**	127-18-4	Tetrachloroethene	0.0074	U
107-02-8	Acrolein	0.037	U	**108-88-3**	**Toluene**	**0.0015**	**0.0018**
107-13-1	Acrylonitrile	0.0074	U	156-60-5	trans-1,2-Dichloroethene	0.0074	U
71-43-2	Benzene	0.0015	U	10061-02-6	trans-1,3-Dichloropropene	0.0074	U
75-27-4	Bromodichloromethane	0.0074	U	79-01-6	Trichloroethene	0.0074	U
75-25-2	Bromoform	0.0074	U	75-69-4	Trichlorofluoromethane	0.0074	U
74-83-9	Bromomethane	0.0074	U	75-01-4	Vinyl Chloride	0.0074	U
75-15-0	**Carbon Disulfide**	**0.0074**	**0.026**	1330-20-7	Xylenes (Total)	0.0015	U

Worksheet #: 107154

Total Target Concentration 0.11

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

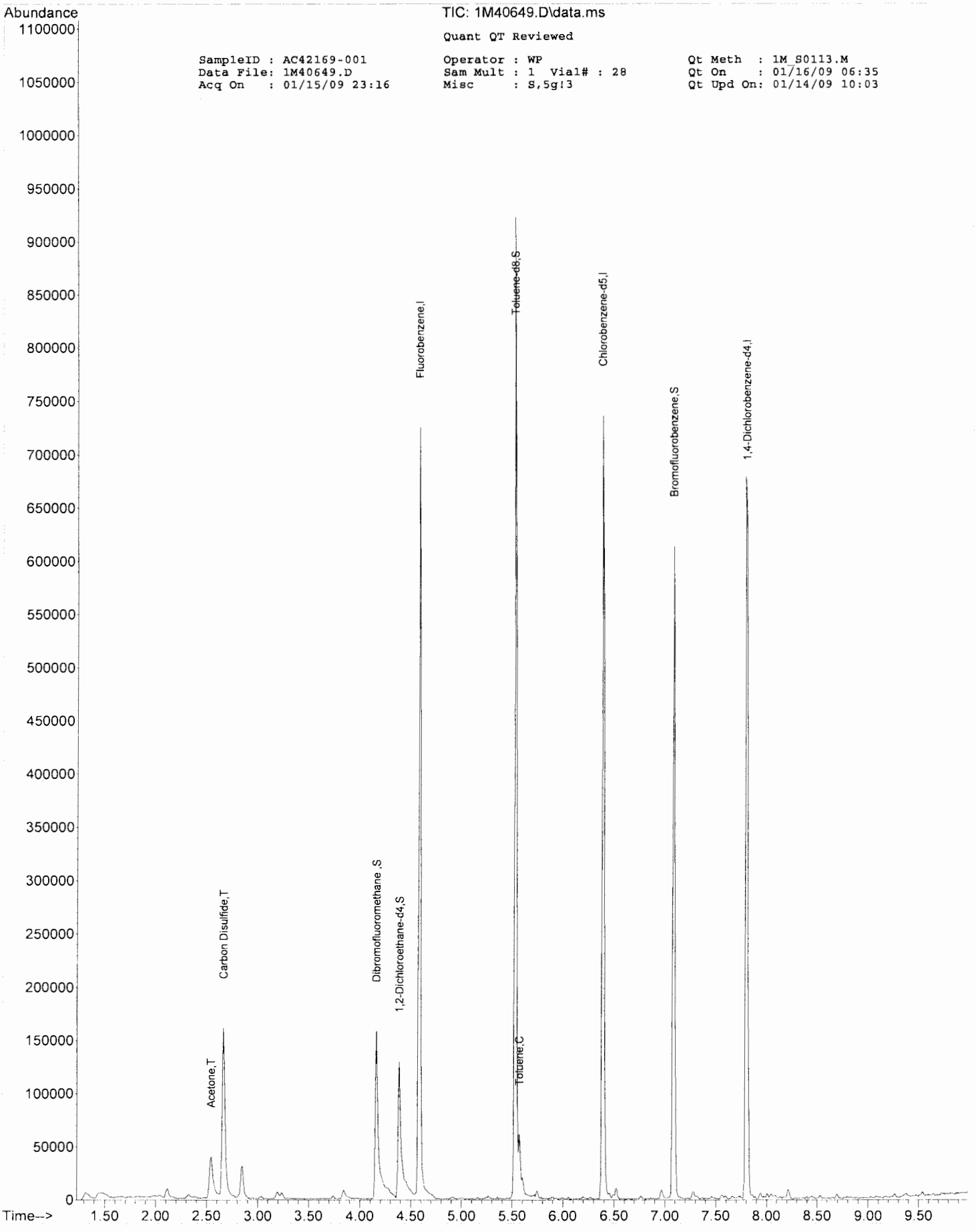
Quantitation Report (QT Reviewed)

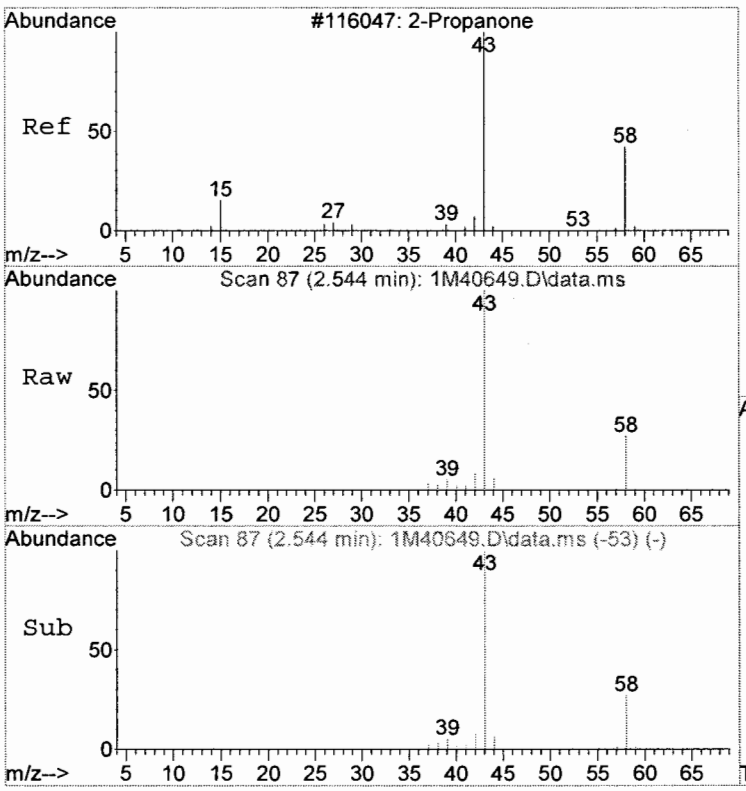
SampleID : AC42169-001 Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40649.D Sam Mult : 1 Vial# : 28 Qt On : 01/16/09 06:35
Acq On : 01/15/09 23:16 Misc : S,5g!3 Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-1509\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.584	96	399912	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.388	117	310987	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.807	152	177855	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.161	111	111593	38.67	ug/l	0.02
Spiked Amount 30.000			Recovery = 128.90%			
32) 1,2-Dichloroethane-d4	4.387	102	20887	32.87	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.57%			
56) Toluene-d8	5.531	100	262167	29.07	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.90%			
64) Bromofluorobenzene	7.088	174	144034	26.76	ug/l	0.00
Spiked Amount 30.000			Recovery = 89.20%			
Target Compounds						Qvalue
14) Acetone	2.544	43	76668	55.92	ug/l	95
15) Carbon Disulfide	2.663	76	234827	17.32	ug/l	100
57) Toluene	5.570	92	13387	1.24	ug/l	90

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

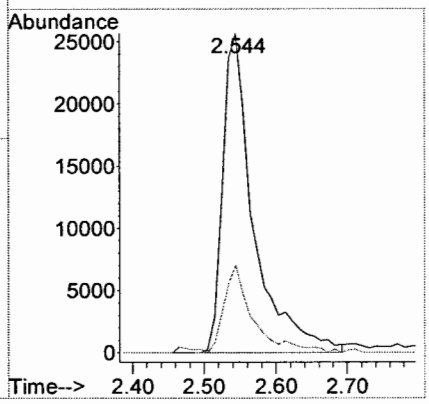

Abundance
TIC: 1M40649.D\data.ms
Quant QT Reviewed
SampleID : AC42169-001
Data File: 1M40649.D
Acq On : 01/15/09 23:16
Operator : WP
Sam Mult : 1 Vial# : 28
Misc : S,5g;3
Qt Meth : 1M_S0113.M
Qt On : 01/16/09 06:35
Qt Upd On: 01/14/09 10:03
Acetone,T
Carbon Disulfide,T
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Toluene,C
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

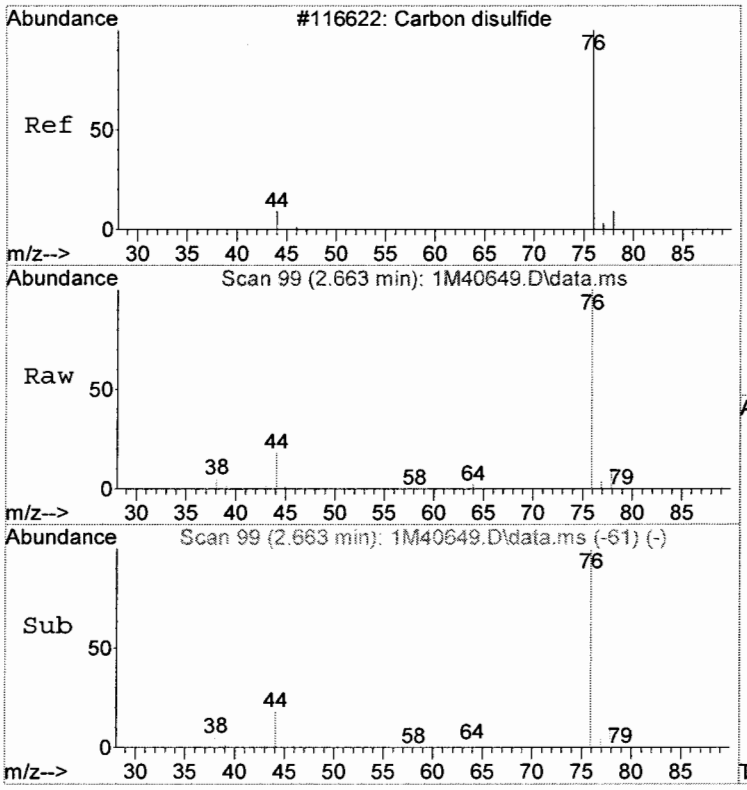


#14
Acetone
Concen: 55.92 ug/l
RT: 2.544 min Scan# 87
Delta R.T. 0.038 min
Lab File: 1M40649.D
Acq: 15 Jan 2009 23:16

Tgt Ion: 43 Resp: 76668

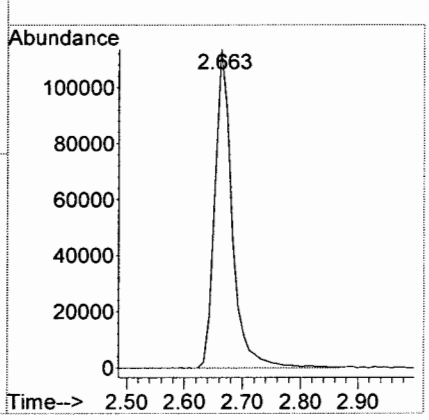
Ion	Ratio	Lower	Upper
43	100		
58	27.4	0.0	64.8

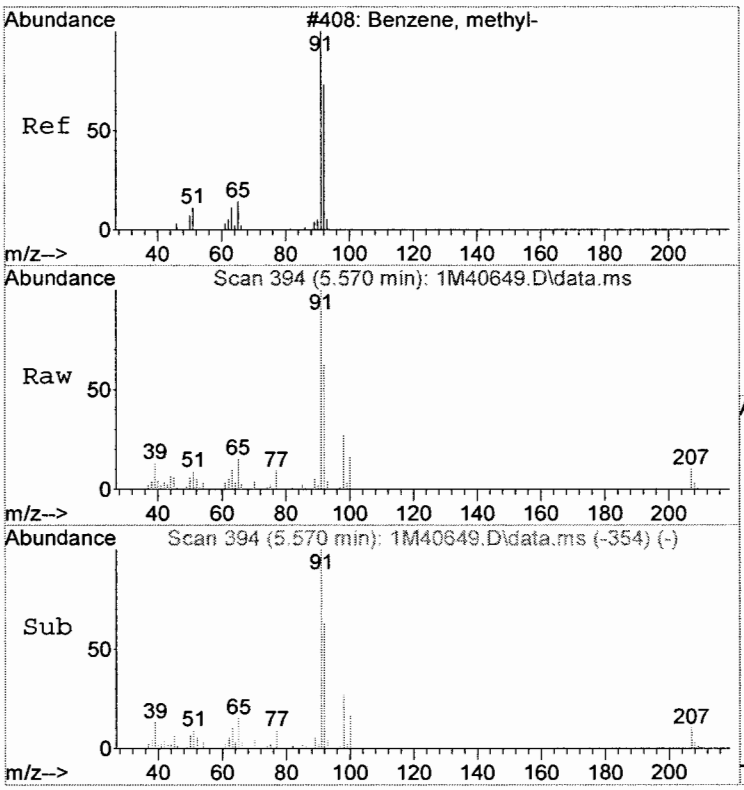




#15
Carbon Disulfide
Concen: 17.32 ug/l
RT: 2.663 min Scan# 99
Delta R.T. 0.029 min
Lab File: 1M40649.D
Acq: 15 Jan 2009 23:16

Tgt Ion: 76 Resp: 234827

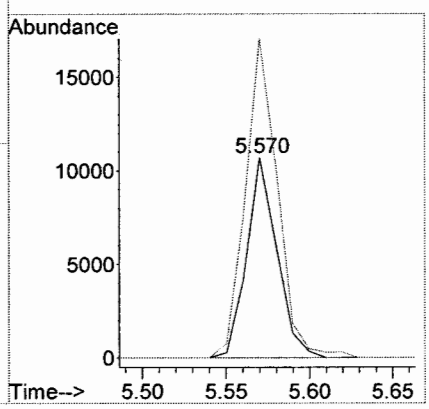




#57
Toluene
Concen: 1.24 ug/l
RT: 5.570 min Scan# 394
Delta R.T. -0.001 min
Lab File: 1M40649.D
Acq: 15 Jan 2009 23:16

Tgt Ion: 92 Resp: 13387

Ion	Ratio	Lower	Upper
92	100		
91	159.2	104.1	242.9



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42169-003
Client Id: WB-1GW
Data File: 3M58259.D
Analysis Date: 01/15/09 16:42
Date Rec/Extracted: 01/14/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

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

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 107154

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

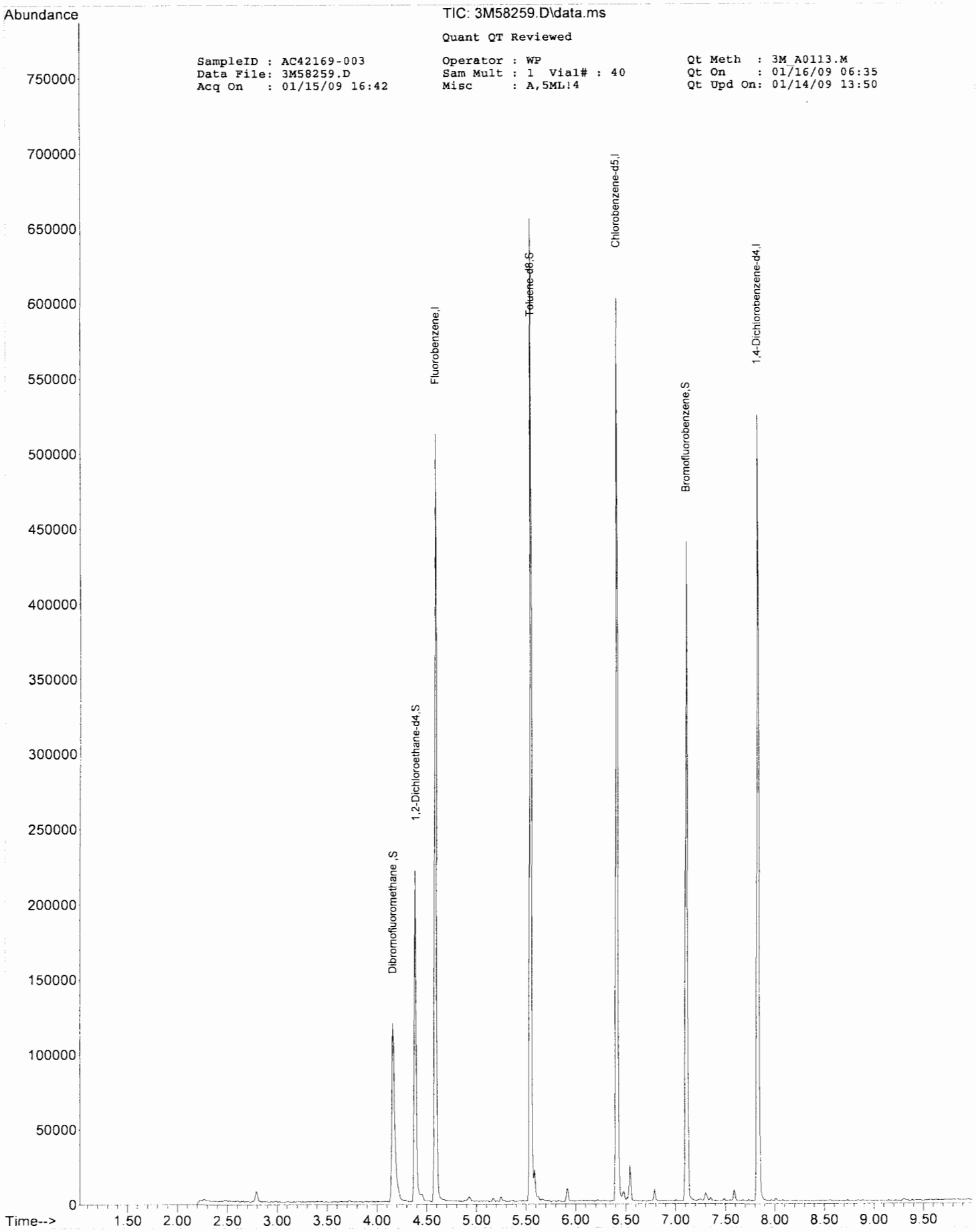
Quantitation Report (QT Reviewed)

SampleID : AC42169-003 Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58259.D Sam Mult : 1 Vial# : 40 Qt On : 01/16/09 06:35
Acq On : 01/15/09 16:42 Misc : A,5ML!4 Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-15-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	256339	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.414	117	208461	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.833	152	107723	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.159	111	74155	29.09	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.97%			
32) 1,2-Dichloroethane-d4	4.386	102	16906	30.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.60%			
56) Toluene-d8	5.548	100	166153	28.59	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.30%			
64) Bromofluorobenzene	7.114	174	94833	28.74	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.80%			
Target Compounds						Qvalue

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


Abundance
TIC: 3M58259.D\data.ms
Quant QT Reviewed
SampleID : AC42169-003
Data File: 3M58259.D
Acq On : 01/15/09 16:42
Operator : WP
Sam Mult : 1 Vial# : 40
Misc : A,5ML;4
Qt Meth : 3M_A0113.M
Qt On : 01/16/09 06:35
Qt Upd On: 01/14/09 13:50
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42169-005
Client Id: MW-5
Data File: 1M40650.D
Analysis Date: 01/15/09 23:33
Date Rec/Extracted: 01/14/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 4.94g
Final Vol: NA
Dilution: 1.01
Solids: 68

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0074	U	56-23-5	Carbon Tetrachloride	0.0074	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0074	U	108-90-7	Chlorobenzene	0.0074	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0074	U	75-00-3	Chloroethane	0.0074	U
79-00-5	1,1,2-Trichloroethane	0.0074	U	67-66-3	Chloroform	0.0074	U
75-34-3	1,1-Dichloroethane	0.0074	U	74-87-3	Chloromethane	0.0074	U
75-35-4	1,1-Dichloroethene	0.0074	U	156-59-2	cis-1,2-Dichloroethene	0.0074	U
96-18-4	1,2,3-Trichloropropane	0.0074	U	10061-01-5	cis-1,3-Dichloropropene	0.0074	U
95-63-6	1,2,4-Trimethylbenzene	0.0015	U	124-48-1	Dibromochloromethane	0.0074	U
95-50-1	1,2-Dichlorobenzene	0.0074	U	75-71-8	Dichlorodifluoromethane	0.0074	U
107-06-2	1,2-Dichloroethane	0.0074	U	100-41-4	Ethylbenzene	0.0015	U
78-87-5	1,2-Dichloropropane	0.0074	U	98-82-8	Isopropylbenzene	0.0015	U
108-67-8	1,3,5-Trimethylbenzene	0.0015	U	136777612	m&p-Xylenes	0.0030	U
541-73-1	1,3-Dichlorobenzene	0.0074	U	75-09-2	Methylene Chloride	0.0074	U
142-28-9	1,3-Dichloropropane	0.0074	U	1634-04-4	Methyl-t-butyl ether	0.0015	U
106-46-7	1,4-Dichlorobenzene	0.0074	U	104-51-8	n-Butylbenzene	0.0015	U
123-91-1	1,4-Dioxane	0.37	U	103-65-1	n-Propylbenzene	0.0015	U
78-93-3	2-Butanone	0.0074	U	95-47-6	o-Xylene	0.0015	U
110-75-8	2-Chloroethylvinylether	0.0074	U	135-98-8	sec-Butylbenzene	0.0015	U
591-78-6	2-Hexanone	0.0074	U	100-42-5	Styrene	0.0074	U
99-87-6	4-Isopropyltoluene	0.0015	U	**75-65-0**	**t-Butyl Alcohol**	**0.037**	**0.082**
108-10-1	4-Methyl-2-Pentanone	0.0074	U	98-06-6	t-Butylbenzene	0.0015	U
67-64-1	**Acetone**	**0.037**	**0.084**	**127-18-4**	**Tetrachloroethene**	**0.0074**	**0.029**
107-02-8	Acrolein	0.037	U	**108-88-3**	**Toluene**	**0.0015**	**0.0026**
107-13-1	Acrylonitrile	0.0074	U	156-60-5	trans-1,2-Dichloroethene	0.0074	U
71-43-2	Benzene	0.0015	U	10061-02-6	trans-1,3-Dichloropropene	0.0074	U
75-27-4	Bromodichloromethane	0.0074	U	79-01-6	Trichloroethene	0.0074	U
75-25-2	Bromoform	0.0074	U	75-69-4	Trichlorofluoromethane	0.0074	U
74-83-9	Bromomethane	0.0074	U	75-01-4	Vinyl Chloride	0.0074	U
75-15-0	Carbon Disulfide	0.0074	U	1330-20-7	Xylenes (Total)	0.0015	U

Worksheet #: 107154

Total Target Concentration 0.2

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

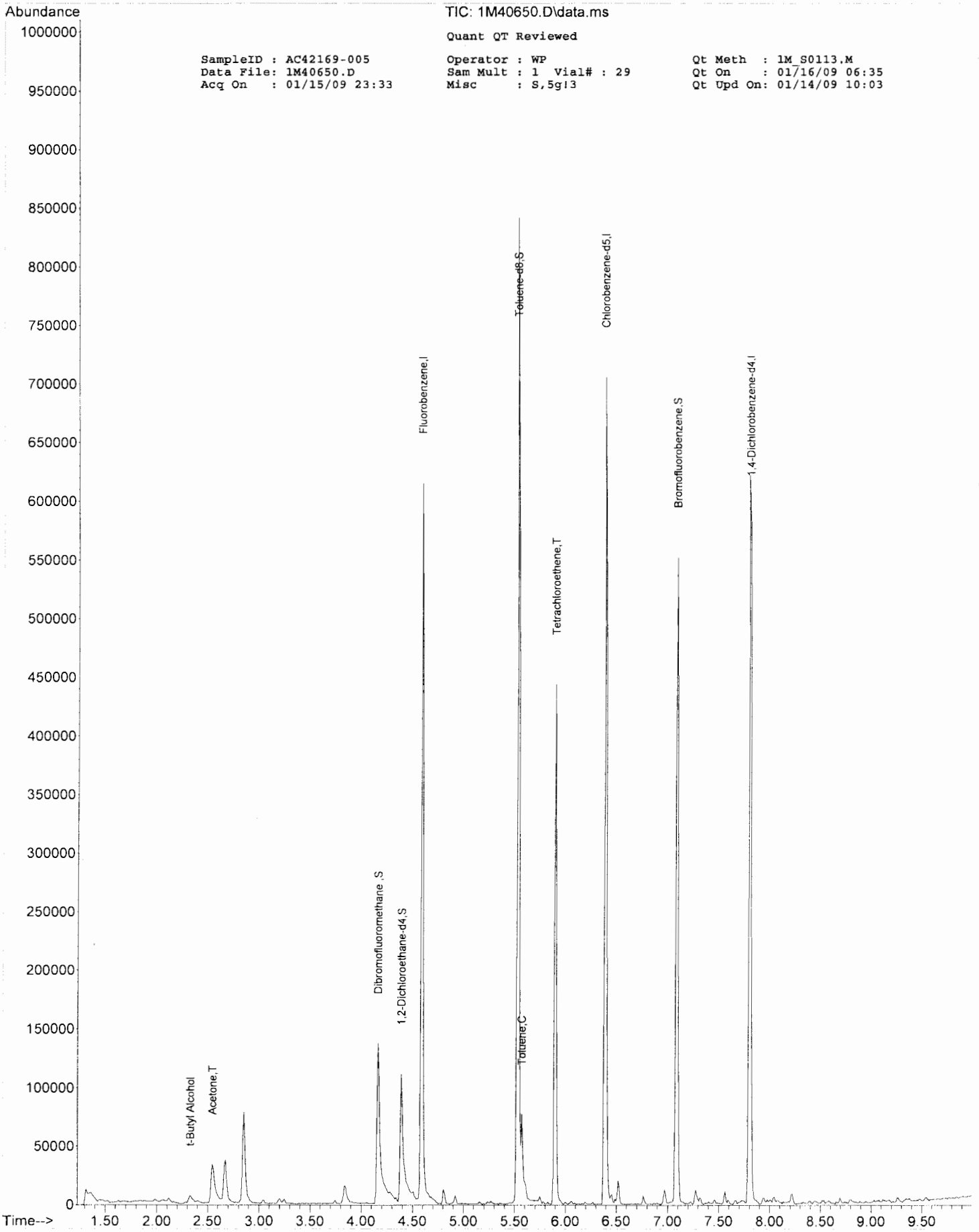
Quantitation Report (QT Reviewed)

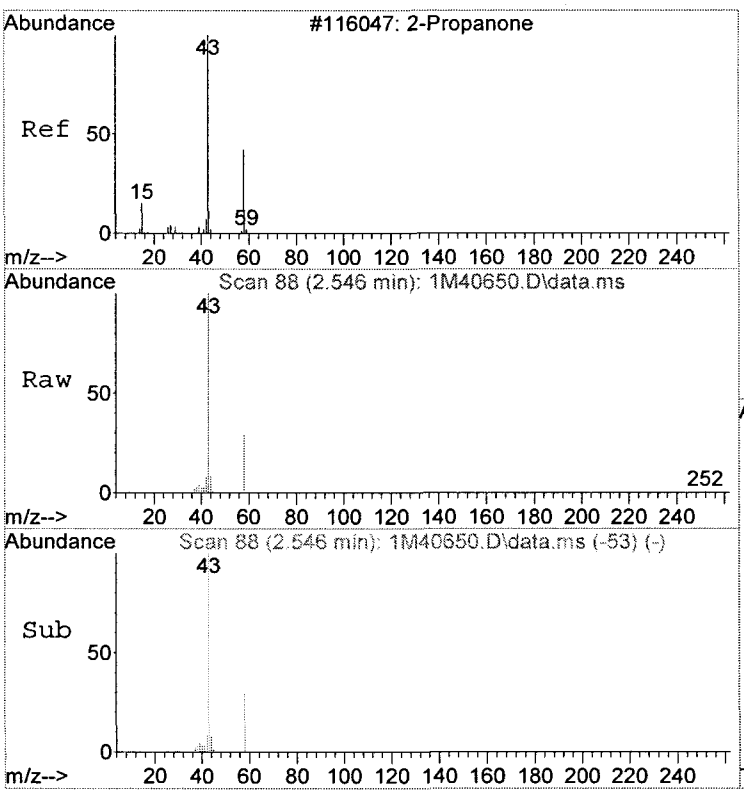
SampleID : AC42169-005 Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40650.D Sam Mult : 1 Vial# : 29 Qt On : 01/16/09 06:35
Acq On : 01/15/09 23:33 Misc : S,5g!3 Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-1509\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.586	96	352254	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.389	117	283637	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.808	152	161899	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.162	111	101197	39.81	ug/l	0.02
Spiked Amount 30.000			Recovery = 132.70%			
32) 1,2-Dichloroethane-d4	4.389	102	18967	33.89	ug/l	0.00
Spiked Amount 30.000			Recovery = 112.97%			
56) Toluene-d8	5.532	100	238869	29.04	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.80%			
64) Bromofluorobenzene	7.089	174	133445	27.24	ug/l	0.00
Spiked Amount 30.000			Recovery = 90.80%			
Target Compounds						Qvalue
14) Acetone	2.546	43	67689	56.17	ug/l	91
16) t-Butyl Alcohol	2.329	59	3113	55.26	ug/l	86
55) Tetrachloroethene	5.896	164	84746	19.20	ug/l	95
57) Toluene	5.571	92	17092	1.73	ug/l	91

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

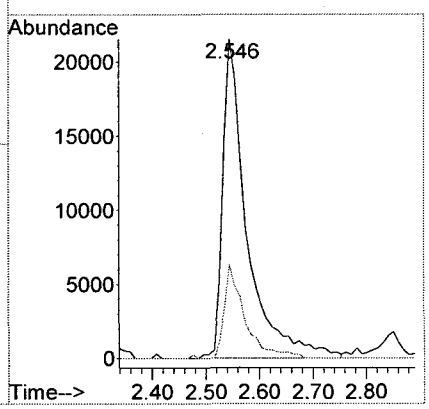

Abundance
TIC: 1M40650.D\data.ms
Quant QT Reviewed
SampleID : AC42169-005
Data File: 1M40650.D
Acq On : 01/15/09 23:33
Operator : WP
Sam Mult : 1 Vial# : 29
Misc : S,5g!3
Qt Meth : 1M_S0113.M
Qt On : 01/16/09 06:35
Qt Upd On: 01/14/09 10:03
t-Butyl Alcohol
Acetone,T
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene,C
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

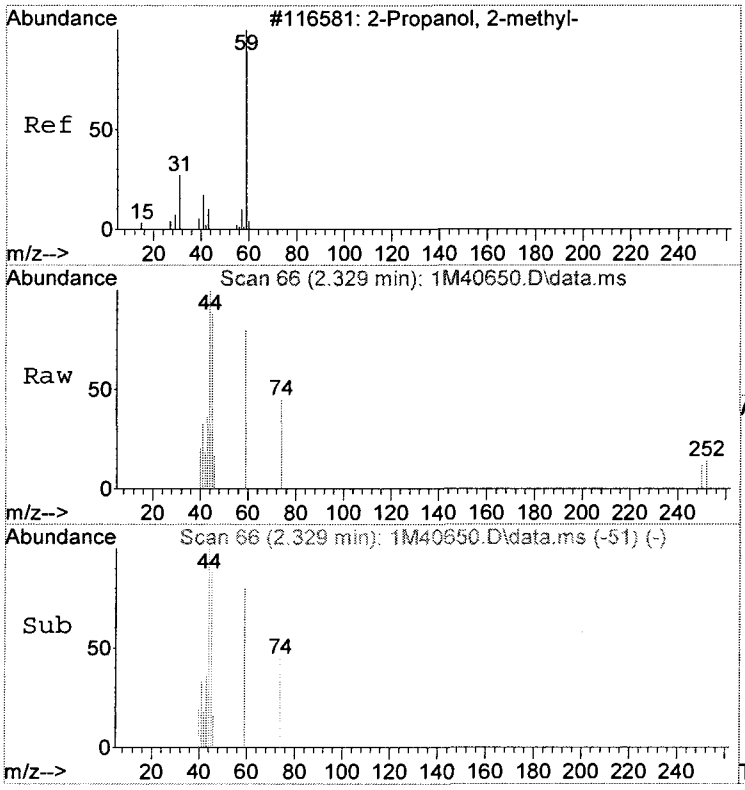


#14
Acetone
Concen: 56.17 ug/l
RT: 2.546 min Scan# 88
Delta R.T. 0.040 min
Lab File: 1M40650.D
Acq: 15 Jan 2009 23:33

Tgt Ion: 43 Resp: 67689

Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	64.8

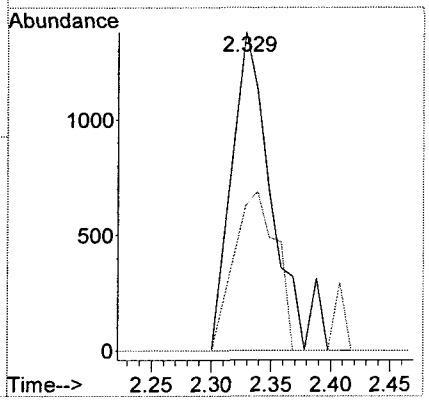


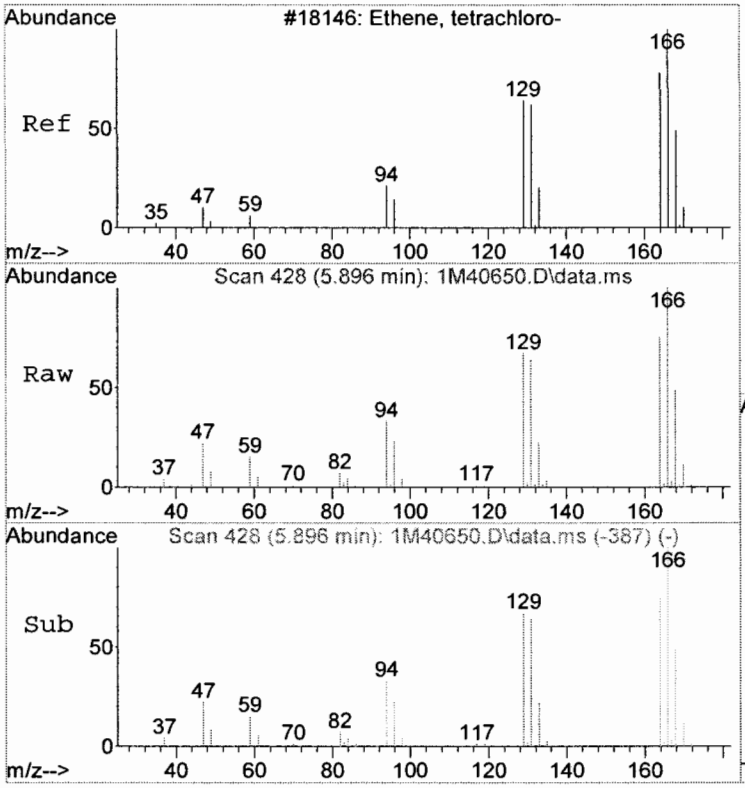


#16
t-Butyl Alcohol
Concen: 55.26 ug/l
RT: 2.329 min Scan# 66
Delta R.T. -0.129 min
Lab File: 1M40650.D
Acq: 15 Jan 2009 23:33

Tgt Ion: 59 Resp: 3113

Ion	Ratio	Lower	Upper
59	100		
43	45.7	0.0	136.1

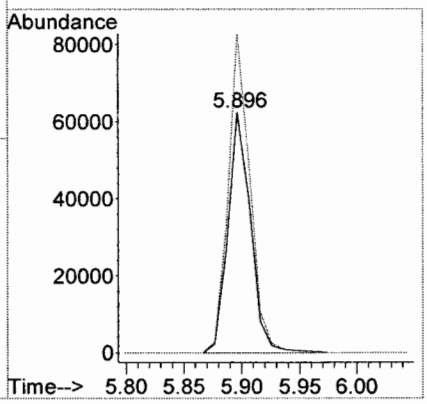


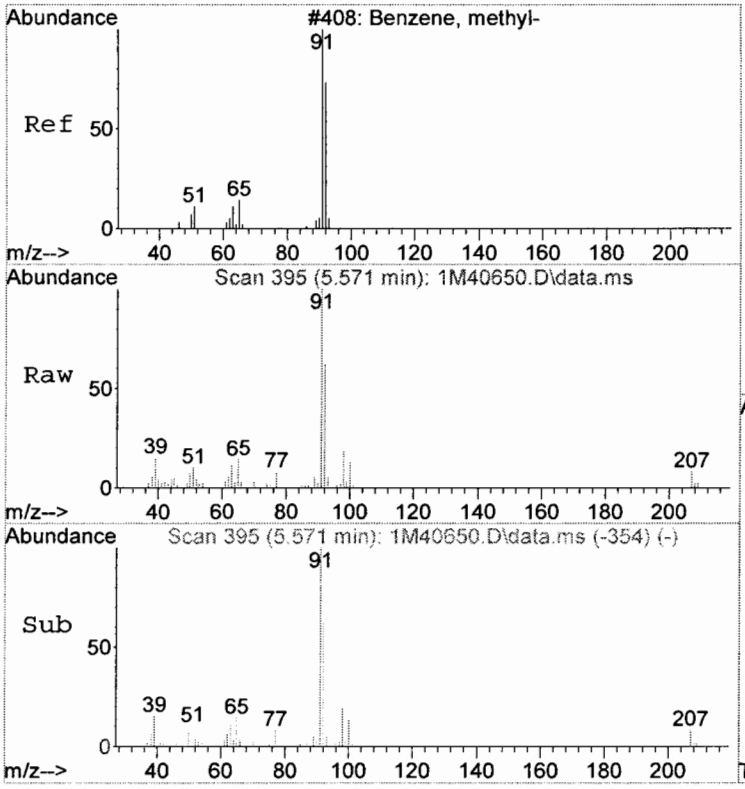


#55
Tetrachloroethene
Concen: 19.20 ug/l
RT: 5.896 min Scan# 428
Delta R.T. -0.001 min
Lab File: 1M40650.D
Acq: 15 Jan 2009 23:33

Tgt Ion:164 Resp: 84746

Ion	Ratio	Lower	Upper
164	100		
166	132.5	56.4	196.4

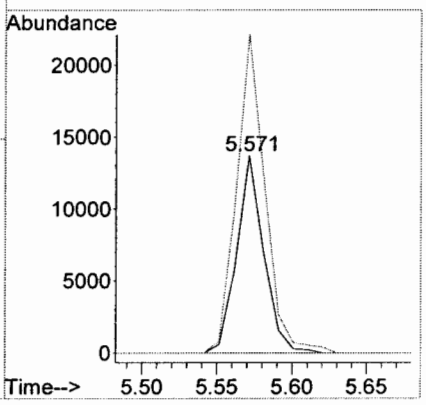




#57
Toluene
Concen: 1.73 ug/l
RT: 5.571 min Scan# 395
Delta R.T. 0.000 min
Lab File: 1M40650.D
Acq: 15 Jan 2009 23:33

Tgt Ion: 92 Resp: 17092

Ion	Ratio	Lower	Upper
92	100		
91	161.4	104.1	242.9



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42169-007
Client Id: FB
Data File: 6M37020.D
Analysis Date: 01/15/09 13:19
Date Rec/Extracted: 01/14/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

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

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	**75-09-2**	**Methylene Chloride**	1.0	**2.3**
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 107154

Total Target Concentration 2.3

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

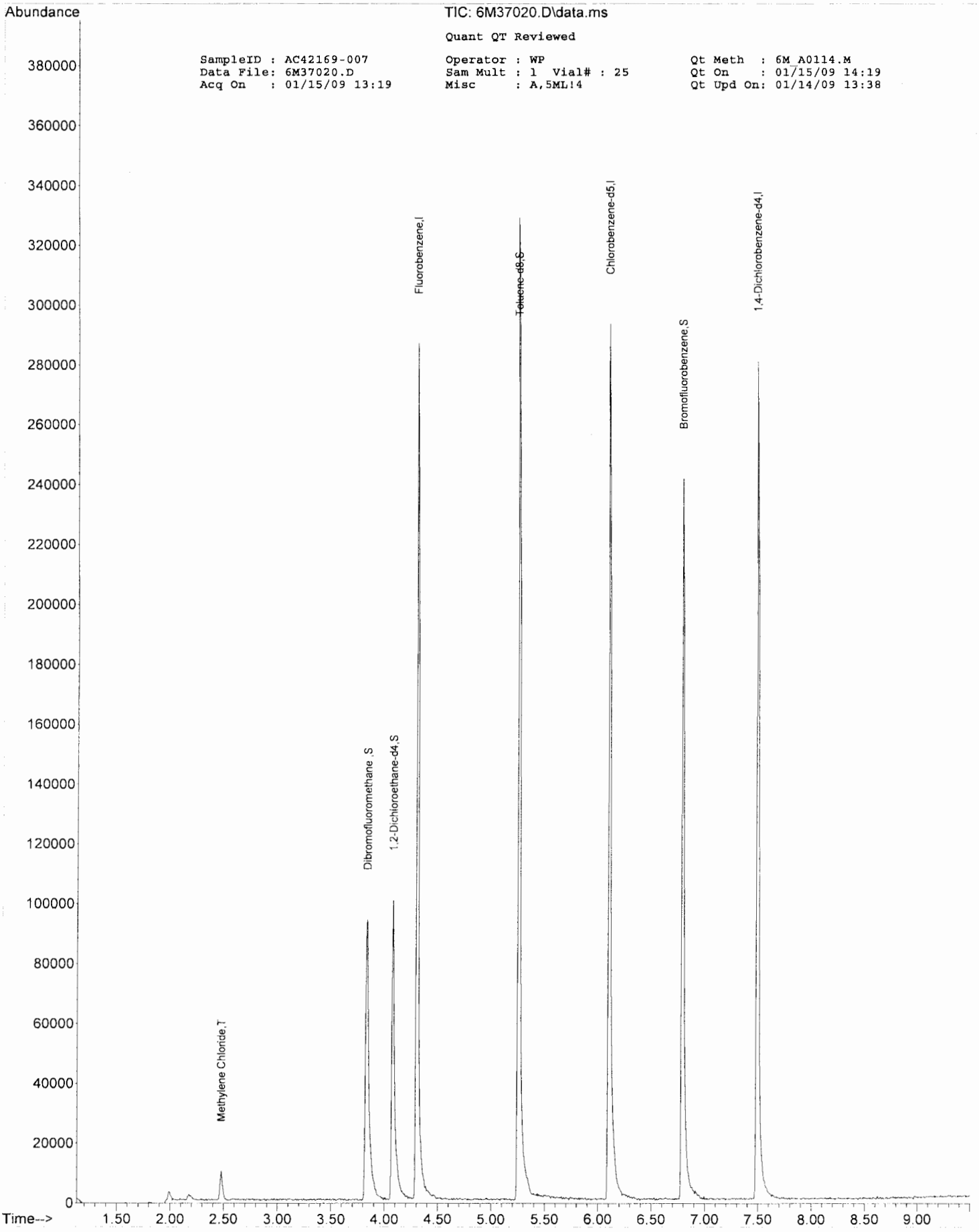
Quantitation Report (QT Reviewed)

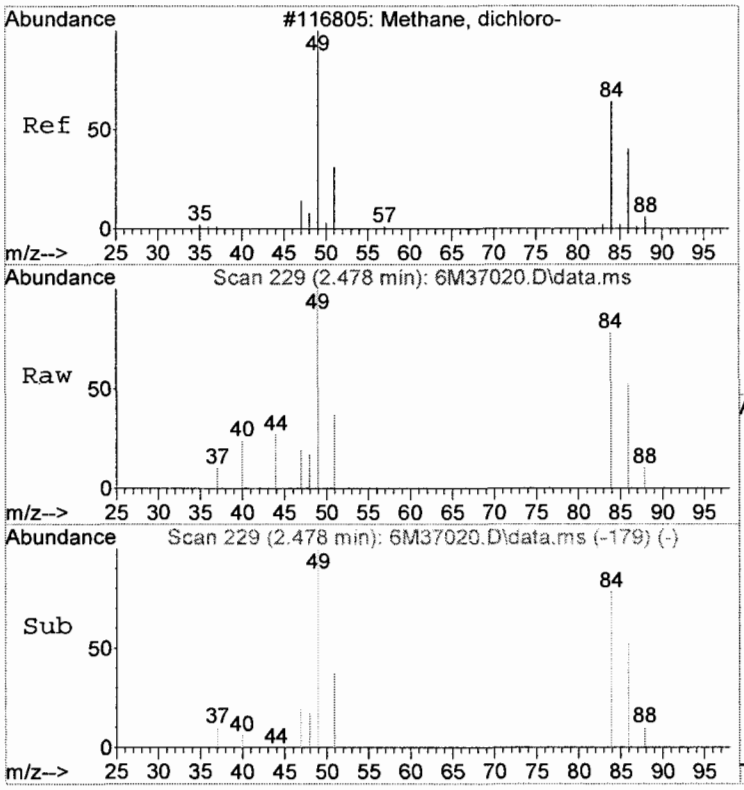
SampleID : AC42169-007 Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M37020.D Sam Mult : 1 Vial# : 25 Qt On : 01/15/09 14:19
Acq On : 01/15/09 13:19 Misc : A,5ML!4 Qt Upd On: 01/14/09 13:38

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-15-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.305	96	180566	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.107	117	149039	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.495	152	73770	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.836	111	66000	34.53	ug/l	0.00
Spiked Amount 30.000			Recovery = 115.10%			
32) 1,2-Dichloroethane-d4	4.076	67	41917	34.39	ug/l	0.00
Spiked Amount 30.000			Recovery = 114.63%			
56) Toluene-d8	5.254	98	184635	26.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 89.80%			
64) Bromofluorobenzene	6.792	174	70767	30.06	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.20%			
Target Compounds						Qvalue
10) Methylene Chloride	2.478	84	3549	2.33	ug/l	87

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

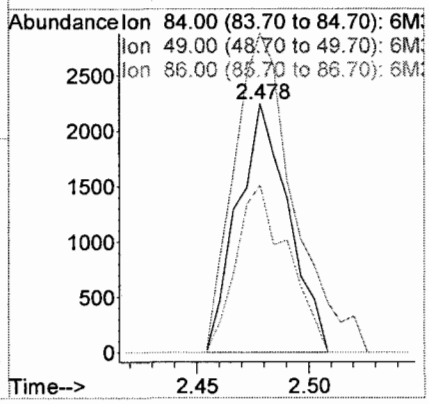

Abundance
TIC: 6M37020.D\data.ms
Quant QT Reviewed
SampleID : AC42169-007
Data File: 6M37020.D
Acq On : 01/15/09 13:19
Operator : WP
Sam Mult : 1 Vial# : 25
Misc : A,5ML!4
Qt Meth : 6M_A0114.M
Qt On : 01/15/09 14:19
Qt Upd On: 01/14/09 13:38
Methylene Chloride,T
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->



#10
Methylene Chloride
Concen: 2.33 ug/l
RT: 2.478 min Scan# 229
Delta R.T. 0.000 min
Lab File: 6M37020.D
Acq: 15 Jan 2009 13:19

Tgt Ion: 84 Resp: 3549

Ion	Ratio	Lower	Upper
84	100		
49	128.1	85.4	199.2
86	67.2	32.0	128.0



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42169-008
Client Id: TB
Data File: 6M37021.D
Analysis Date: 01/15/09 13:35
Date Rec/Extracted: 01/14/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

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

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 107154

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

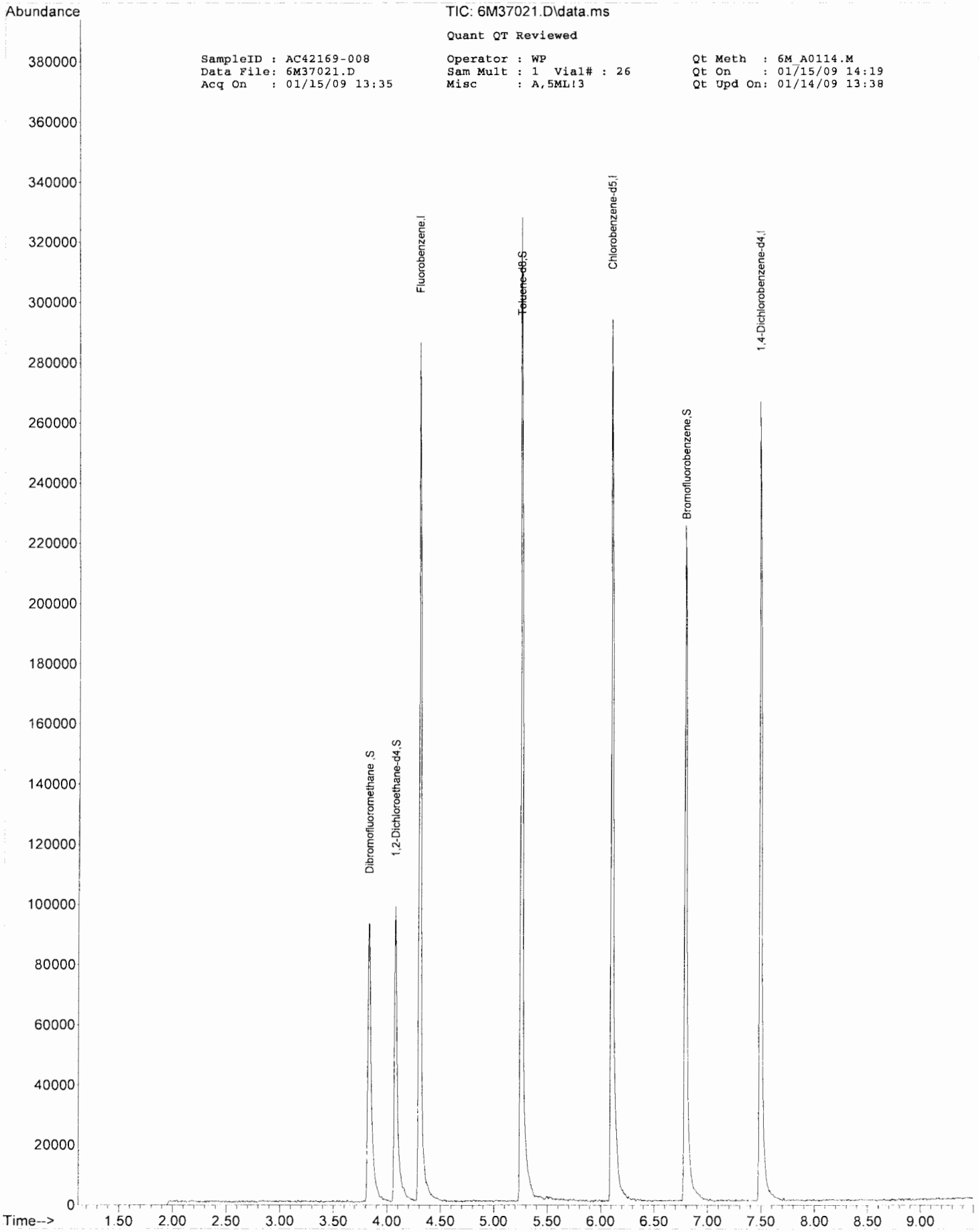
Quantitation Report (QT Reviewed)

SampleID : AC42169-008 Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M37021.D Sam Mult : 1 Vial# : 26 Qt On : 01/15/09 14:19
Acq On : 01/15/09 13:35 Misc : A,5ML!3 Qt Upd On: 01/14/09 13:38

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-15-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.304	96	177321	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.106	117	144833	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.494	152	71050	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.829	111	67170	35.79	ug/l	0.00
Spiked Amount 30.000			Recovery = 119.30%			
32) 1,2-Dichloroethane-d4	4.076	67	40977	34.24	ug/l	0.00
Spiked Amount 30.000			Recovery = 114.13%			
56) Toluene-d8	5.259	98	180256	27.06	ug/l	0.00
Spiked Amount 30.000			Recovery = 90.20%			
64) Bromofluorobenzene	6.797	174	69844	30.80	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.67%			
Target Compounds						Qvalue

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


Abundance
TIC: 6M37021.D\data.ms
Quant QT Reviewed
SampleID : AC42169-008
Data File: 6M37021.D
Acq On : 01/15/09 13:35
Operator : WP
Sam Mult : 1 Vial# : 26
Misc : A,5ML!3
Qt Meth : 6M_A0114.M
Qt On : 01/15/09 14:19
Qt Upd On: 01/14/09 13:38
380000
360000
340000
320000
300000
280000
260000
240000
220000
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->
1.50
2.00
2.50
3.00
3.50
4.00
4.50
5.00
5.50
6.00
6.50
7.00
7.50
8.00
8.50
9.00

GC/MS Volatile Data
Standards Data

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M57501.	CAL @ 20 PPB	12/19/08 12:55	2	3M57506.	CAL @ 5 PPB	12/19/08 14:20
3	3M57502.	CAL @ 10 PPB	12/19/08 13:12	4	3M57500.	CAL @ 50 PPB	12/19/08 12:37
5	3M57499.	CAL @ 100 PPB	12/19/08 12:20	6	3M57498.	CAL @ 250 PPB	12/19/08 12:03
7	3M57497.	CAL @ 500 PPB	12/19/08 11:46	8	3M57494.	CAL @ 1 PPB	12/19/08 10:51
9	3M57495.	CAL @ 0.5 PPB	12/19/08 11:11				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.6751	0.5716	0.6253	0.7058	0.6304	0.6390	0.6371	0.4857	-----	0.621	1.36	1.00	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dichlorodifluoromethan	1	0	Avg	0.3961	0.3539	0.3416	0.3874	0.3462	0.3564	0.3729	0.2851	-----	0.355	1.33	0.999	1.00	9.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloromethane	1	0	Avg	0.2366	0.2350	0.2121	0.2346	0.2257	0.2319	0.2801	0.2052	-----	0.233	1.49	0.993	1.00	9.6	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromomethane	1	0	Avg	0.0975	0.0863	0.0905	0.0914	0.0714	-----	-----	0.0922	-----	0.0882	1.78	0.980	1.00	10		20.00	5.00	10.00	50.00	100.0			1.00	
Vinyl Chloride	1	0	Avg	0.2306	0.1861	0.2102	0.2242	0.2159	0.2130	0.2440	0.1919	-----	0.215	1.53	0.996	1.00	8.9	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroethane	1	0	Avg	0.0921	0.0935	0.0912	0.0889	0.0803	0.0662	-----	0.0900	-----	0.0861	1.84	0.991	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Trichlorofluoromethane	1	0	Avg	0.2032	0.1727	0.1702	0.2033	0.1894	0.1834	0.1829	0.1348	-----	0.180	2.03	1.00	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloro-1.2.2-tri	1	0	LinF	0.2346	0.1545	0.2003	0.2289	0.2059	0.1885	-----	0.1118	-----	0.189	2.41	0.997	1.00	23		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Methylene Chloride	1	0	Avg	0.3281	0.2965	0.2882	0.3259	0.3077	0.2713	0.2628	0.2727	-----	0.294	2.79	0.999	0.999	8.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acrolein	1	0	LinF	0.0338	0.0332	0.0269	0.0295	0.0254	0.0248	0.0251	0.0207	-----	0.0275	2.34	1.00	1.00	16		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Acrylonitrile	1	0	LinF	0.1975	0.1616	0.1716	0.2019	0.1893	0.1590	0.1421	0.1182	-----	0.168	3.00	0.994	0.999	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Iodomethane	1	0	LinF	0.4364	0.3819	0.3993	0.4398	0.3761	0.3036	0.3098	0.2871	-----	0.367	2.55	0.997	0.997	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acetone	1	0	Avg	0.1964	0.2032	0.1797	0.1926	0.1869	0.1608	0.1570	0.1772	-----	0.182	2.48	0.999	0.999	9.0		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Carbon Disulfide	1	0	LinF	0.7496	0.6316	0.6934	0.7512	0.6947	0.6622	-----	0.4446	-----	0.661	2.60	0.999	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
t-Butyl Alcohol	1	0	LinF	0.0247	0.0204	0.0197	0.0264	0.0269	0.0234	0.0239	0.0039	-----	0.0212	2.89	0.999	0.999	35		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
n-Hexane	1	0	LinF	0.1692	0.1144	0.1400	0.1692	0.1639	0.1595	-----	0.0676	-----	0.141	3.22	1.00	1.00	27		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Di-isopropyl-ether	1	0	Avg	1.5831	1.2923	1.4066	1.6315	1.5623	1.4279	1.3603	1.1063	-----	1.42	3.39	0.999	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethene	1	0	LinF	0.6806	0.4969	0.5356	0.6647	0.6089	0.5541	0.5275	0.3883	-----	0.557	2.42	0.998	1.00	17	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl Acetate	1	0	Avg	0.5882	0.5025	0.5576	0.6067	0.5958	0.5338	0.5256	0.3923	-----	0.538	2.71	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl-t-butyl ether	1	0	Avg	0.5125	0.3932	0.4520	0.5445	0.5201	0.4531	0.4117	0.3480	0.3909	0.447	3.01	0.996	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
1.1-Dichloroethane	1	0	Avg	0.6593	0.5358	0.5673	0.6814	0.6390	0.5897	0.5717	0.4723	-----	0.590	3.35	0.999	1.00	12	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.2-Dichloroether	1	0	Avg	0.2799	0.2371	0.2515	0.2726	0.2517	0.2162	0.1934	0.2016	-----	0.238	3.01	0.995	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.2-Dichloroethene	1	0	Avg	0.6836	0.5768	0.5917	0.7004	0.6470	0.5687	0.5235	0.5036	-----	0.599	3.83	0.997	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromochloromethane	1	0	LinF	0.4890	0.4949	0.4570	0.5652	0.5274	0.3935	0.4663	0.3391	-----	0.467	4.00	0.992	0.994	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2.2-Dichloropropane	1	0	LinF	0.2425	0.1912	0.1877	0.2781	0.2742	0.2752	0.2693	0.1432	-----	0.233	3.83	1.00	1.00	22		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dioxane	1	0	LinF	0.0056	0.0046	0.0048	0.0056	0.0052	0.0043	-----	0.0030	-----	0.00479	5.05	0.990	1.00	19		1000.	250.0	500.0	2500.	5000.	1250		50.00	
1.1-Dichloropropene	1	0	LinF	0.4683	0.3347	0.4128	0.4688	0.4263	0.3774	-----	0.2535	-----	0.392	4.29	0.996	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Chloroform	1	0	Avg	0.5893	0.5161	0.5605	0.6183	0.5746	0.5227	0.5068	0.5115	-----	0.550	4.05	0.999	1.00	7.6	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromofluoromethane	1	0	Avg	0.3195	0.3190	0.3123	0.3153	0.3169	0.2960	0.2892	0.2944	-----	0.308	4.17	-1	-1	4.1		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Cyclohexane	1	0	LinF	0.4813	0.3165	0.3956	0.4912	0.4639	0.4345	0.4170	0.2058	-----	0.401	4.22	0.999	1.00	24		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloroethane-d4	1	0	Avg	0.0703	0.0670	0.0695	0.0746	0.0643	0.0621	0.0561	0.0632	-----	0.0659	4.40	-1	-1	8.7		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1.2-Dichloroethane	1	0	Avg	0.6486	0.5908	0.6005	0.6323	0.5835	0.5029	0.4592	0.5630	0.6811	0.585	4.45	0.996	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
2-Butanone	1	0	LinF	0.3617	0.3048	0.3206	0.3574	0.3493	0.3034	0.2864	0.2050	-----	0.311	3.84	0.998	0.999	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1-Trichloroethane	1	0	Avg	0.3869	0.2862	0.3359	0.4068	0.3797	0.3662	0.3583	0.2549	-----	0.347	4.19	1.00	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Carbon Tetrachloride	1	0	LinF	0.3192	0.2394	0.2883	0.3244	0.2988	0.2798	-----	0.1901	-----	0.277	4.30	0.998	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Vinyl Acetate	1	0	Avg	1.6514	1.3113	1.4998	1.7685	1.6787	1.5240	1.4226	1.0830	-----	1.49	3.38	0.998	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromodichloromethane	1	0	Avg	0.5137	0.4155	0.4493	0.5319	0.5048	0.4655	0.4493	0.4220	-----	0.469	5.14	0.999	1.00	9.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylcyclohexane	1	0	LinF	0.2569	0.1770	0.2224	0.2724	0.2560	0.2390	0.2224	0.0938	-----	0.218	4.94	0.998	1.00	27		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromomethane	1	0	Avg	0.3390	0.3141	0.3080	0.3322	0.3030	0.2528	0.2231	0.2536	-----	0.291	5.05	0.993	0.999	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloropropane	1	0	Avg	0.4596	0.3812	0.4055	0.4626	0.4342	0.3879	0.3639	0.3362	-----	0.404	4.97	0.998	1.00	11	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichloroethene	1	0	Avg	0.3675	0.2876	0.3120	0.3647	0.3322	0.3001	0.2715	0.3038	-----	0.317	4.83	0.996	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.7

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0081

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M57501.	CAL @ 20 PPB	12/19/08 12:55	2	3M57506.	CAL @ 5 PPB	12/19/08 14:20
3	3M57502.	CAL @ 10 PPB	12/19/08 13:12	4	3M57500.	CAL @ 50 PPB	12/19/08 12:37
5	3M57499.	CAL @ 100 PPB	12/19/08 12:20	6	3M57498.	CAL @ 250 PPB	12/19/08 12:03
7	3M57497.	CAL @ 500 PPB	12/19/08 11:46	8	3M57494.	CAL @ 1 PPB	12/19/08 10:51
9	3M57495.	CAL @ 0.5 PPB	12/19/08 11:11				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	Avg	1.3419	1.1832	1.2285	1.3162	1.2086	1.0395	0.9206	1.1538	1.1607	1.17	4.43	0.994	0.999	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
tert-Amyl methyl ether	1	0	Avg	0.4671	0.3780	0.4258	0.4541	0.4911	0.4360	0.3990	0.3372	-----	0.424	4.49	0.997	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.4498	0.3937	0.4097	0.4837	0.4877	0.4889	0.5001	0.3744	-----	0.449	6.08	1.00	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chloroethylvinylether	1	0	LinF	0.2477	0.1670	0.1986	0.2694	0.2786	0.2952	0.3318	0.1447	-----	0.242	5.29	0.997	1.00	27		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.3-Dichloropropene	1	0	LinF	0.6072	0.4642	0.5127	0.6765	0.6769	0.6729	0.7091	0.3842	-----	0.588	5.39	0.999	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.3-Dichloroprope	1	0	LinF	0.5240	0.3761	0.4292	0.6155	0.6288	0.6360	0.6738	0.3367	-----	0.528	5.73	0.999	1.00	25		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloroethane	1	0	Avg	0.4219	0.3801	0.3939	0.4239	0.4086	0.3971	0.3905	0.3548	-----	0.396	5.84	1.00	1.00	5.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromoethane	1	0	Avg	0.4638	0.4263	0.4274	0.4528	0.4296	0.3945	0.4046	0.4171	-----	0.427	6.16	1.00	1.00	5.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichloropropane	1	0	Avg	0.8158	0.7692	0.7583	0.8204	0.7685	0.6876	0.6246	0.6953	-----	0.743	5.94	0.996	1.00	9.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Methyl-2-Pentanone	1	0	LinF	0.9689	0.7409	0.8350	1.0116	1.0278	1.0244	1.0477	0.4619	-----	0.890	5.48	1.00	1.00	23		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Hexanone	1	0	LinF	0.7407	0.5913	0.6551	0.7810	0.7866	0.7723	0.7945	0.3387	-----	0.683	5.96	1.00	1.00	23		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Tetrachloroethene	1	0	Avg	0.3156	0.2854	0.2986	0.3249	0.2982	0.2822	0.2584	0.2660	-----	0.291	5.93	0.998	1.00	7.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Toluene-d8	1	0	Avg	0.7936	0.7933	0.7835	0.7986	0.8218	0.8843	0.9374	0.7997	-----	0.827	5.56	-1	-1	6.7		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	0.9791	0.9218	0.9160	0.9650	0.9051	0.8459	0.7929	1.1633	-----	0.936	5.60	0.999	1.00	12	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.3366	0.3053	0.2998	0.3441	0.3120	0.2690	0.2382	0.3115	-----	0.302	6.49	0.994	0.999	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chlorobenzene	1	0	Avg	1.1280	1.0991	1.0503	1.1189	1.0472	0.9425	0.8623	1.3183	-----	1.07	6.45	0.997	1.00	13	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromoform	1	0	LinF	0.5858	0.4960	0.5009	0.6618	0.6790	0.6786	0.7203	0.4059	-----	0.591	6.95	0.999	1.00	19	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethylbenzene	1	0	LinF	0.7592	0.6434	0.7220	0.7675	0.6865	-----	-----	0.4813	-----	0.677	6.50	0.996	1.00	16	*(30)	20.00	5.00	10.00	50.00	100.0			1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	1.3018	1.2137	1.2118	1.2977	1.2683	1.1090	1.1068	1.2677	-----	1.22	7.19	0.999	0.999	6.4	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromofluorobenzene	1	0	Avg	0.8751	0.8424	0.8755	0.8853	0.9783	0.9916	1.0700	0.8561	-----	0.922	7.13	-1	-1	8.8		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	2.0886	1.8094	1.9552	2.1003	1.9074	1.4403	-----	1.7430	-----	1.86	6.81	0.980	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
m&p-Xylenes	1	0	Avg	1.1021	0.9556	1.0831	1.0721	0.9699	0.7333	-----	0.9169	-----	0.976	6.56	0.981	1.00	13		40.00	10.00	20.00	100.0	200.0	500.0		2.00	
o-Xylene	1	0	Avg	1.1339	0.9407	1.0727	1.1345	1.0372	0.7911	-----	0.8785	-----	0.998	6.80	0.982	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
trans-1.4-Dichloro-2-bu	1	0	Avg	0.5135	0.4719	0.4515	0.5103	0.4879	0.3820	0.3634	0.3681	-----	0.444	7.22	0.995	0.998	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichlorobenzene	1	0	Avg	1.5088	1.4727	1.3577	1.5027	1.3996	1.1365	-----	1.8565	-----	1.46	7.82	0.990	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.4-Dichlorobenzene	1	0	LinF	1.6095	1.4641	1.4813	1.5787	1.4386	1.2681	-----	2.4094	-----	1.61	7.86	0.996	1.00	23		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.2-Dichlorobenzene	1	0	LinF	1.5359	1.4211	1.3874	1.5513	1.4269	1.2641	-----	2.1158	-----	1.53	8.11	0.996	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Isopropylbenzene	1	0	LinF	2.6029	2.0033	2.3221	2.6593	2.6225	2.2972	2.0515	1.5511	-----	2.26	7.02	0.995	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	Avg	0.0866	-----	0.0752	0.0789	0.0893	0.0813	0.0878	-----	-----	0.0832	7.11	0.998	0.999	6.7		10.00		5.00	25.00	50.00	125.0	250.0		
1.2.3-Trichloropropane	1	0	Avg	1.3997	1.3647	1.2713	1.3843	1.3899	1.0946	0.9594	1.3179	-----	1.27	7.23	0.990	0.998	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chlorotoluene	1	0	Avg	1.9125	1.5613	1.7958	1.9070	1.7944	1.3462	-----	1.8480	-----	1.74	7.34	0.980	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
p-Ethyltoluene	1	0	LinF	2.3198	1.8133	2.1802	2.3372	1.9266	1.5336	1.5570	1.1515	-----	1.85	7.33	0.996	0.996	23		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Chlorotoluene	1	0	Avg	1.6507	1.7421	1.5973	1.8013	1.7088	1.4302	1.3100	1.8480	-----	1.64	7.40	0.995	0.999	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Propylbenzene	1	0	Avg	3.1375	2.6007	2.9766	3.2375	3.1017	2.6313	2.5428	2.3006	-----	2.82	7.26	0.998	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	Avg	2.1500	2.0843	2.0663	2.2108	2.0724	1.6431	-----	2.5273	-----	2.11	7.23	0.988	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.3.5-Trimethylbenzene	1	0	Avg	1.8261	1.7105	1.6765	1.9027	1.6703	1.7255	1.3480	1.6189	-----	1.68	7.36	0.984	0.999	9.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butylbenzene	1	0	LinF	1.7352	1.3018	1.4669	1.7451	1.7448	1.4533	-----	1.0202	-----	1.50	7.58	0.993	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.2.4-Trimethylbenzene	1	0	Avg	2.2470	1.8490	1.9372	2.2656	2.1764	1.8204	1.6213	1.7935	-----	1.96	7.61	0.993	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	LinF	2.0725	1.5916	1.7617	2.1392	1.9854	1.8252	1.6842	1.1183	-----	1.77	7.72	0.997	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	LinF	1.6491	1.2439	1.4219	1.7073	1.6467	1.4069	-----	0.9736	-----	1.44	7.80	0.994	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
n-Butylbenzene	1	0	LinF	1.9400	1.5076	1.7105	2.0221	1.8632	1.6814	1.5270	1.1496	-----	1.68	8.05	0.996	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.7
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0082

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M57501.	CAL @ 20 PPB	12/19/08 12:55	2	3M57506.	CAL @ 5 PPB	12/19/08 14:20
3	3M57502.	CAL @ 10 PPB	12/19/08 13:12	4	3M57500.	CAL @ 50 PPB	12/19/08 12:37
5	3M57499.	CAL @ 100 PPB	12/19/08 12:20	6	3M57498.	CAL @ 250 PPB	12/19/08 12:03
7	3M57497.	CAL @ 500 PPB	12/19/08 11:46	8	3M57494.	CAL @ 1 PPB	12/19/08 10:51
9	3M57495.	CAL @ 0.5 PPB	12/19/08 11:11				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
o-Diethylbenzene	1	0	LinF	0.9241	0.6848	0.7823	0.9623	0.8998	0.8056	0.7214	0.3952	-----	0.772	8.03	0.995	1.00	23	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4.5-Tetramethylber	1	0	LinF	1.5895	1.0787	1.3670	1.6820	1.6646	1.5249	1.3945	0.6296	-----	1.37	8.53	0.997	1.00	26	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromo-3-Chlorop	1	0	LinF	0.2398	0.2025	0.2018	0.2712	0.2936	0.2905	0.3061	0.1222	-----	0.241	8.61	0.999	1.00	26	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Hexachlorobutadiene	1	0	Avg	0.4088	0.3274	0.4238	0.3899	0.3758	0.3383	0.2967	0.2735	-----	0.354	9.23	0.994	1.00	15	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trichlorobenzene	1	0	Avg	0.7876	0.6358	0.7376	0.8123	0.7998	0.7430	0.7050	0.8905	-----	0.764	9.14	0.999	1.00	10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.3-Trichlorobenzene	1	0	Avg	0.8402	0.7027	0.8233	0.8509	0.8196	0.7554	0.6974	1.0164	-----	0.813	9.48	0.998	1.00	13	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Naphthalene	1	0	Avg	2.6456	1.9930	2.3718	2.6892	2.6388	2.3862	2.1979	2.4187	-----	2.42	9.32	0.997	1.00	10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.7
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0083

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 3M57501.D
Acq On : 12/19/08 12:55

Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML

Qt Meth : 3M_A1219.M
Qt On : 12/19/08 13:21
Qt Upd On: 12/19/08 13:21

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.604	96	216092	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.426	117	185048	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.845	152	106531	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.171	111	69056	32.28	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.60%			
32) 1,2-Dichloroethane-d4	4.398	102	15199	32.30	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.67%			
56) Toluene-d8	5.560	100	146854	28.34	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.47%			
64) Bromofluorobenzene	7.126	174	93230	29.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.80%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.361	51	97266	22.97	ug/l	48
3) Dichlorodifluoromethane	1.328	85	57076	24.41	ug/l	93
4) Chloromethane	1.495	50	34098	23.83	ug/l	81
5) Bromomethane	1.778	94	14051	26.89	ug/l	92
6) Vinyl Chloride	1.528	62	33223	23.33	ug/l	94
7) Chloroethane	1.845	64	13277	23.04	ug/l	98
8) Trichlorofluoromethane	2.028	101	29280	25.06	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.408	101	33807	27.87	ug/l	94
10) Methylene Chloride	2.792	84	47280	22.09	ug/l	97
11) Acrolein	2.345	56	24391	105.32	ug/l	89
12) Acrylonitrile	2.999	53	28460	24.13	ug/l	93
13) Iodomethane	2.546	142	62879	23.45	ug/l	86
14) Acetone	2.477	43	141512	110.11	ug/l	95
15) Carbon Disulfide	2.595	76	107999	16.61	ug/l	100
16) t-Butyl Alcohol	2.891	59	17852	83.71	ug/l	89
17) n-Hexane	3.216	57	24375	20.88	ug/l	76
18) Di-isopropyl-ether	3.393	45	228076	21.00	ug/l	76
19) 1,1-Dichloroethene	2.418	61	98054	25.19	ug/l	86
20) Methyl Acetate	2.713	43	84742	24.12	ug/l	100
21) Methyl-t-butyl ether	3.009	73	73835	16.54	ug/l	71
22) 1,1-Dichloroethane	3.354	63	94991	21.52	ug/l	94
23) trans-1,2-Dichloroethene	3.009	96	40332	22.27	ug/l	97
24) cis-1,2-Dichloroethene	3.826	61	98480	22.41	ug/l	86
25) Bromochloromethane	4.004	49	70451	22.55	ug/l	96
26) 2,2-Dichloropropane	3.826	77	34941	18.65	ug/l	96
27) 1,4-Dioxane	5.048	88	40648	1114.20	ug/l	54
28) 1,1-Dichloropropene	4.289	75	67465	22.24	ug/l	97
29) Chloroform	4.053	83	84906	21.86	ug/l	98
31) Cyclohexane	4.220	56	69337	23.03	ug/l	73
33) 1,2-Dichloroethane	4.447	62	93442	22.36	ug/l	99
34) 2-Butanone	3.836	43	52108	23.57	ug/l	76
35) 1,1,1-Trichloroethane	4.191	97	55746	21.72	ug/l	95
36) Carbon Tetrachloride	4.299	117	45985	23.64	ug/l	87
37) Vinyl Acetate	3.383	43	237908	20.05	ug/l	100
38) Bromodichloromethane	5.136	83	74005	22.01	ug/l	98
39) Methylcyclohexane	4.939	83	37018	20.59	ug/l	66
40) Dibromomethane	5.048	174	48848	23.74	ug/l	93
41) 1,2-Dichloropropane	4.969	63	66212	21.85	ug/l	99
42) Trichloroethene	4.831	130	52952	22.67	ug/l	98
43) Benzene	4.427	78	193316	20.91	ug/l	100
44) tert-Amyl methyl ether	4.486	73	67295	14.09	ug/l	99
46) Dibromochloromethane	6.082	129	55499	20.24	ug/l	100
47) 2-Chloroethylvinylether	5.294	63	30564	16.43	ug/l	83
48) cis-1,3-Dichloropropene	5.392	75	74909	18.61	ug/l	95
49) trans-1,3-Dichloropropene	5.727	75	64653	17.84	ug/l	99
50) 1,1,2-Trichloroethane	5.835	97	52054	20.89	ug/l	90
51) 1,2-Dibromoethane	6.160	107	57226	20.94	ug/l	100
52) 1,3-Dichloropropane	5.944	76	100647	20.45	ug/l	96
53) 4-Methyl-2-Pentanone	5.481	43	119535	20.37	ug/l	91
54) 2-Hexanone	5.964	43	91386	20.74	ug/l	83
55) Tetrachloroethene	5.934	164	38944	20.39	ug/l	93
57) Toluene	5.599	92	120790	19.61	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.486	133	41527	20.41	ug/l	86
59) Chlorobenzene	6.446	112	139159	21.57	ug/l	99
61) Bromoform	6.948	173	41609	18.57	ug/l	99
62) Ethylbenzene	6.495	106	53920	20.17	ug/l	88
63) 1,1,2,2-Tetrachloroethane	7.195	83	92458	20.07	ug/l	86
65) Styrene	6.811	104	148340	20.20	ug/l	99
66) m&p-Xylenes	6.564	106	156545	40.24	ug/l	94

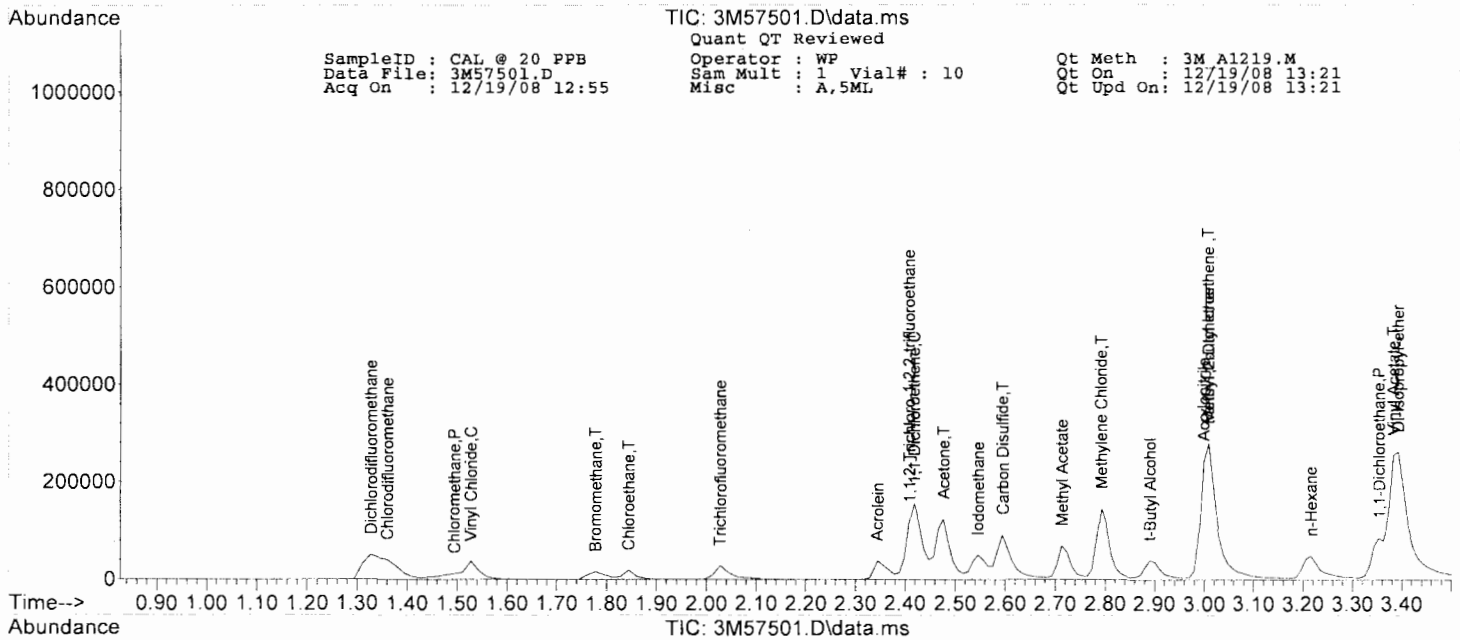
Quantitation Report (QT Reviewed)

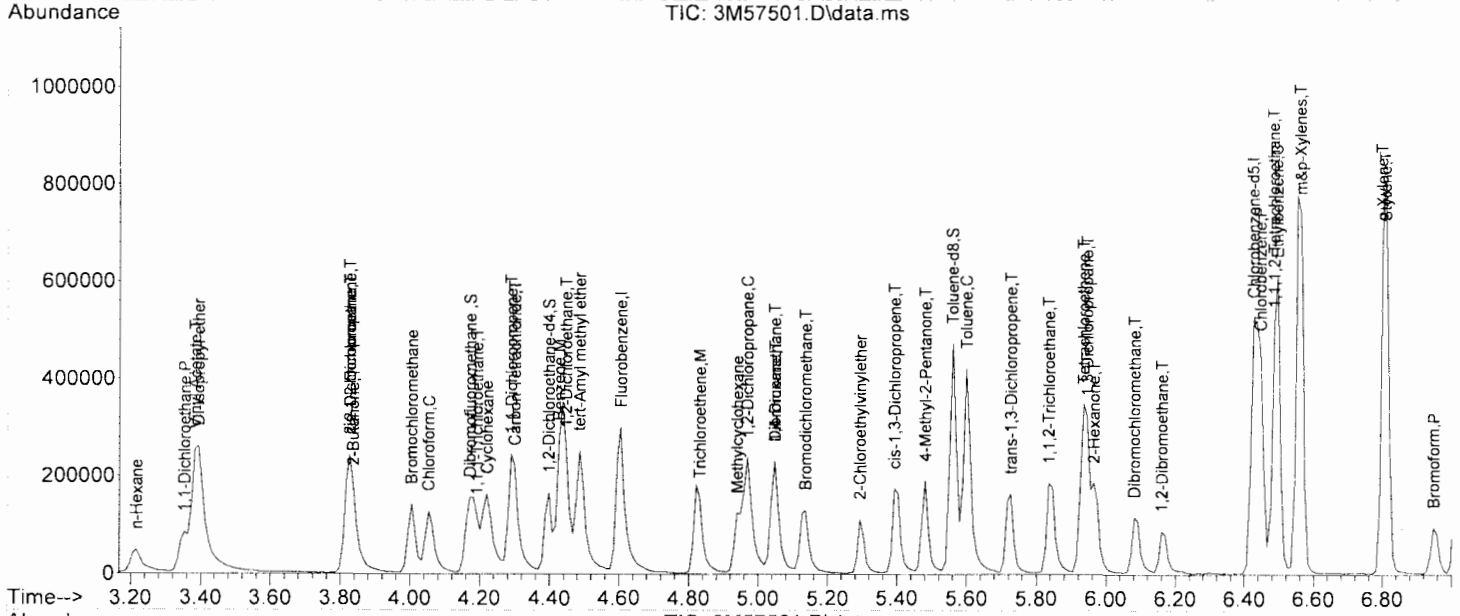
SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57501.D Sam Mult : 1 Vial# : 10 Qt On : 12/19/08 13:21
Acq On : 12/19/08 12:55 Misc : A,5ML Qt Upd On: 12/19/08 13:21

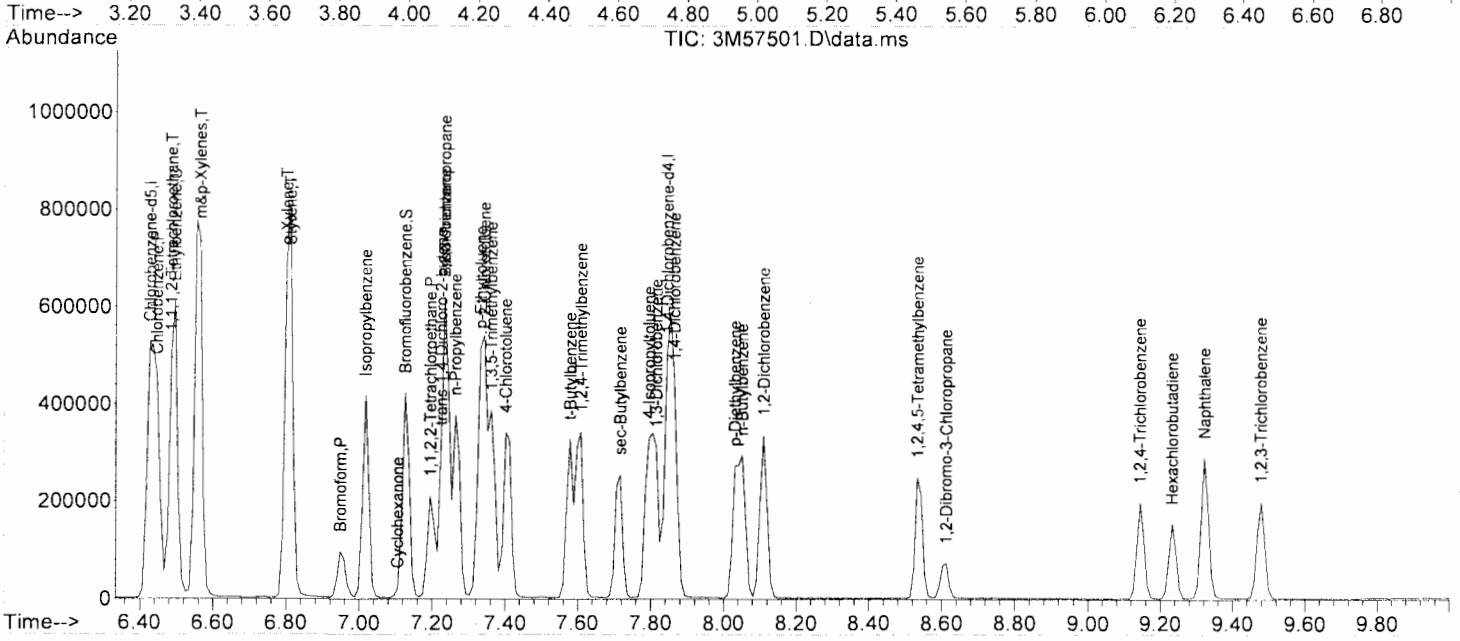
Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.801	106	80535	20.65 ug/l	78
68)	trans-1,4-Dichloro-2-b...	7.224	53	36473	22.74 ug/l	53
69)	1,3-Dichlorobenzene	7.815	146	107157	20.49 ug/l	96
70)	1,4-Dichlorobenzene	7.864	146	114308	21.36 ug/l	96
71)	1,2-Dichlorobenzene	8.111	146	109087	20.76 ug/l	98
72)	Isopropylbenzene	7.017	105	184863	20.44 ug/l	98
73)	Cyclohexanone	7.106	55	3077m	12.72 ug/l	
74)	1,2,3-Trichloropropane	7.234	75	99412	19.50 ug/l	93
75)	2-Chlorotoluene	7.342	91	135829	22.74 ug/l	97
76)	p-Ethyltoluene	7.332	105	164757	22.15 ug/l	95
77)	4-Chlorotoluene	7.401	91	117240	16.93 ug/l	99
78)	n-Propylbenzene	7.264	91	222831	19.71 ug/l	98
79)	Bromobenzene	7.234	77	152696	19.85 ug/l	84
80)	1,3,5-Trimethylbenzene	7.362	105	129694	18.19 ug/l	53
81)	t-Butylbenzene	7.579	119	123236	20.49 ug/l	94
82)	1,2,4-Trimethylbenzene	7.608	105	159585	20.32 ug/l	95
83)	sec-Butylbenzene	7.717	105	147193	19.57 ug/l	94
84)	4-Isopropyltoluene	7.795	119	117121	19.90 ug/l	98
85)	n-Butylbenzene	8.051	91	137783	19.30 ug/l	97
86)	p-Diethylbenzene	8.032	119	65631	19.77 ug/l	95
87)	1,2,4,5-Tetramethylben...	8.534	119	112894	17.79 ug/l	95
88)	1,2-Dibromo-3-Chloropr...	8.613	157	17037	18.02 ug/l	94
89)	Hexachlorobutadiene	9.233	225	29038	19.36 ug/l	99
90)	1,2,4-Trichlorobenzene	9.145	180	55941	18.91 ug/l	99
91)	1,2,3-Trichlorobenzene	9.480	180	59673	19.36 ug/l	99
92)	Naphthalene	9.322	128	187899	18.70 ug/l	100

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


Abundance
TIC: 3M57501.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 3M57501.D
Acq On : 12/19/08 12:55
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 3M_A1219.M
Qt On : 12/19/08 13:21
Qt Upd On: 12/19/08 13:21
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M57501.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Time-->


Abundance
TIC: 3M57501.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB
Data File: 3M57506.D
Acq On : 12/19/08 14:20

Operator : WP
Sam Mult : 1 Vial# : 15
Misc : A,5ML

Qt Meth : 3M_A1219.M
Qt On : 12/19/08 14:33
Qt Upd On: 12/19/08 14:27

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.603	96	224540	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.435	117	174478	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.853	152	100897	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.169	111	71639	31.12	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.73%			
32) 1,2-Dichloroethane-d4	4.396	102	15057	30.57	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.90%			
56) Toluene-d8	5.568	100	138428	28.83	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.10%			
64) Bromofluorobenzene	7.134	174	84996	27.38	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.27%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.364	51	21393	4.64	ug/l	47
3) Dichlorodifluoromethane	1.331	85	13247	5.04	ug/l	99
4) Chloromethane	1.497	50	8795	5.14	ug/l	83
5) Bromomethane	1.781	94	3230	4.89	ug/l	96
6) Vinyl Chloride	1.531	62	6968	4.35	ug/l	93
7) Chloroethane	1.847	64	3502	5.54	ug/l	94
8) Trichlorofluoromethane	2.031	101	6464	4.83	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.416	101	5784	4.02	ug/l	93
10) Methylene Chloride	2.800	84	11096	5.08	ug/l	87
11) Acrolein	2.347	56	6222	30.49	ug/l	99
12) Acrylonitrile	3.007	53	6049	5.48	ug/l	86
13) Iodomethane	2.554	142	14293	6.12	ug/l	96
14) Acetone	2.475	43	38025	28.66	ug/l	91
15) Carbon Disulfide	2.603	76	23640	4.84	ug/l	100
16) t-Butyl Alcohol	2.899	59	3825	21.33	ug/l	72
17) n-Hexane	3.224	57	4282	3.55	ug/l	93
18) Di-isopropyl-ether	3.391	45	48365	4.62	ug/l	72
19) 1,1-Dichloroethene	2.426	61	18599	4.63	ug/l	89
20) Methyl Acetate	2.722	43	18806	4.72	ug/l	100
21) Methyl-t-butyl ether	3.007	73	14718	4.64	ug/l	52
22) 1,1-Dichloroethane	3.352	63	20054	4.56	ug/l	97
23) trans-1,2-Dichloroethene	3.007	96	8873	5.05	ug/l	82
24) cis-1,2-Dichloroethene	3.825	61	21588	4.88	ug/l	84
25) Bromochloromethane	4.002	49	18522	5.44	ug/l	89
26) 2,2-Dichloropropane	3.825	77	7158	3.53	ug/l	96
27) 1,4-Dioxane	5.056	88	8744	291.29	ug/l	72
28) 1,1-Dichloropropene	4.297	75	12528	4.77	ug/l	90
29) Chloroform	4.061	83	19314	4.72	ug/l	96
31) Cyclohexane	4.228	56	11846	3.75	ug/l	73
33) 1,2-Dichloroethane	4.445	62	22113	5.11	ug/l	95
34) 2-Butanone	3.844	43	11409	5.21	ug/l	86
35) 1,1,1-Trichloroethane	4.189	97	10712	4.13	ug/l	92
36) Carbon Tetrachloride	4.297	117	8959	4.48	ug/l	82
37) Vinyl Acetate	3.391	43	49076	4.51	ug/l	100
38) Bromodichloromethane	5.135	83	15550	4.43	ug/l	92
39) Methylcyclohexane	4.947	83	6626	3.90	ug/l	82
40) Dibromomethane	5.046	174	11757	5.48	ug/l	94
41) 1,2-Dichloropropane	4.967	63	14267	4.74	ug/l	98
42) Trichloroethene	4.829	130	10763	4.54	ug/l	88
43) Benzene	4.435	78	44281	5.10	ug/l	100
44) tert-Amyl methyl ether	4.494	73	14146	4.51	ug/l	99
46) Dibromochloromethane	6.090	129	11451	4.48	ug/l	82
47) 2-Chloroethylvinylether	5.302	63	4859	2.59	ug/l	93
48) cis-1,3-Dichloropropene	5.400	75	13499	3.31	ug/l	98
49) trans-1,3-Dichloropropene	5.725	75	10939	2.83	ug/l	96
50) 1,1,2-Trichloroethane	5.844	97	11054	4.83	ug/l	93
51) 1,2-Dibromoethane	6.169	107	12397	5.09	ug/l	92
52) 1,3-Dichloropropane	5.942	76	22369	5.27	ug/l	91
53) 4-Methyl-2-Pentanone	5.479	43	21547	3.55	ug/l	95
54) 2-Hexanone	5.972	43	17196	3.74	ug/l	82
55) Tetrachloroethene	5.932	164	8302	4.96	ug/l	93
57) Toluene	5.607	92	26808	4.97	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.494	133	8879	5.15	ug/l	93
59) Chlorobenzene	6.444	112	31963	5.23	ug/l	94
61) Bromoform	6.957	173	8342	3.49	ug/l	98
62) Ethylbenzene	6.494	106	10821	7.79	ug/l	86
63) 1,1,2,2-Tetrachloroethane	7.203	83	20411	5.03	ug/l	82
65) Styrene	6.819	104	30428	4.94	ug/l	90
66) m&p-Xylenes	6.563	106	32141	9.89	ug/l	87

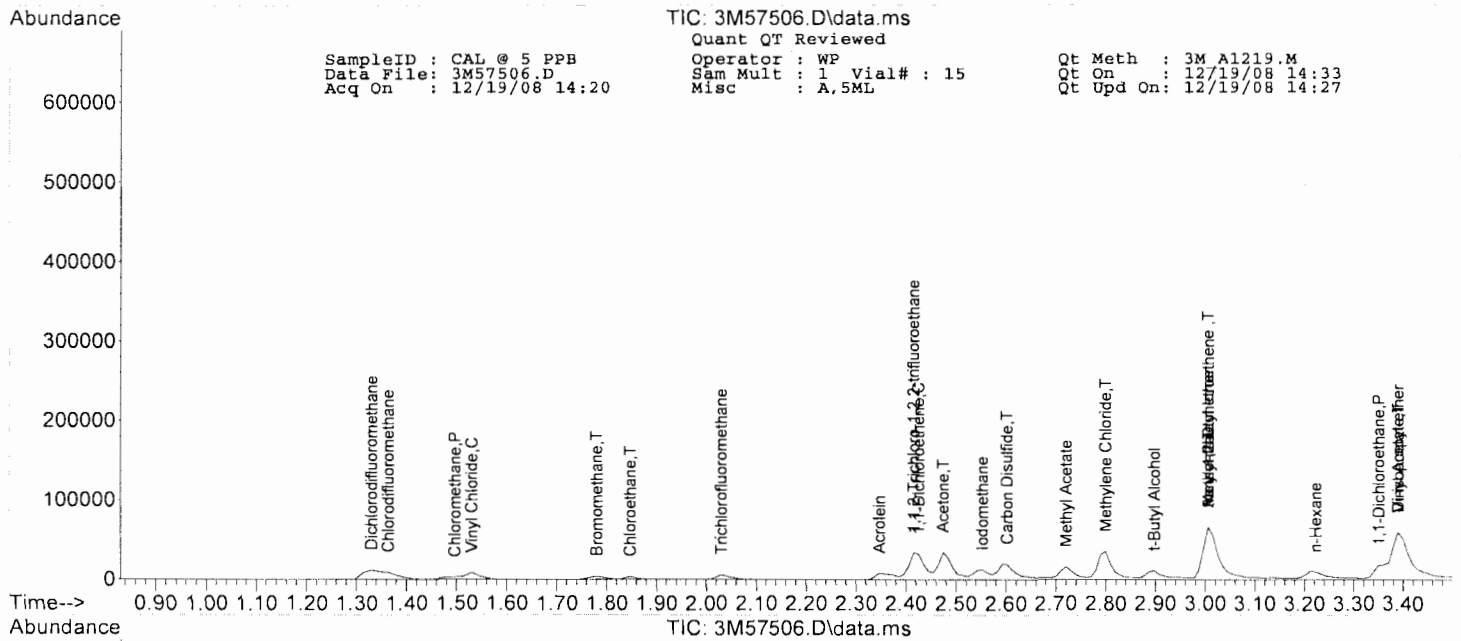
Quantitation Report (QT Reviewed)

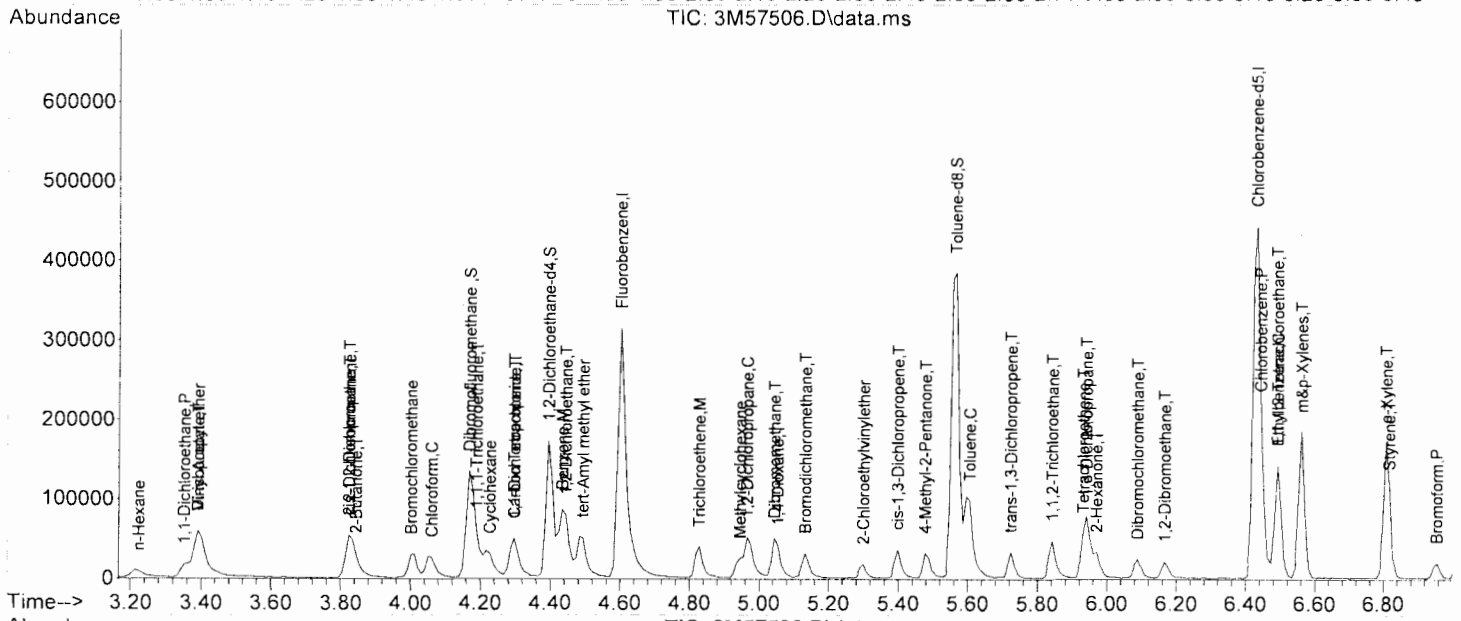
SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57506.D Sam Mult : 1 Vial# : 15 Qt On : 12/19/08 14:33
Acq On : 12/19/08 14:20 Misc : A,5ML Qt Upd On: 12/19/08 14:27

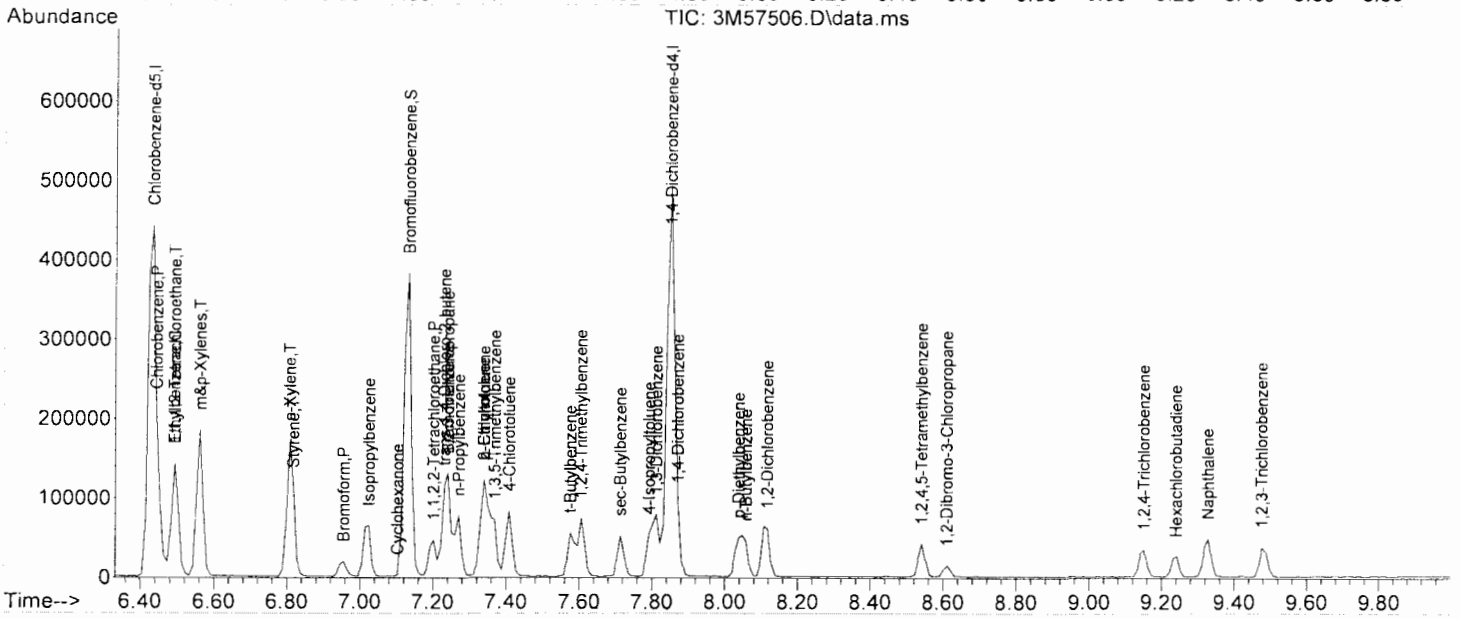
Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.809	106	15819	4.79 ug/l	84
68) trans-1,4-Dichloro-2-b...	7.232	53	7936m	5.42 ug/l	
69) 1,3-Dichlorobenzene	7.813	146	24766	5.35 ug/l	95
70) 1,4-Dichlorobenzene	7.872	146	24621m	6.26 ug/l	
71) 1,2-Dichlorobenzene	8.119	146	23899	6.03 ug/l	98
72) Isopropylbenzene	7.026	105	33689	4.72 ug/l	96
73) Cyclohexanone	7.104	55	726m	24.78 ug/l	
74) 1,2,3-Trichloropropane	7.242	75	22949	5.47 ug/l	94
75) 2-Chlorotoluene	7.341	91	26256	4.50 ug/l	96
76) p-Ethyltoluene	7.341	105	30494	5.77 ug/l	96
77) 4-Chlorotoluene	7.410	91	29296	5.42 ug/l	96
78) n-Propylbenzene	7.272	91	43734	4.66 ug/l	94
79) Bromobenzene	7.242	77	35050	5.07 ug/l	84
80) 1,3,5-Trimethylbenzene	7.370	105	28765	5.15 ug/l	62
81) t-Butylbenzene	7.577	119	21892	4.80 ug/l	94
82) 1,2,4-Trimethylbenzene	7.607	105	31094	4.80 ug/l	93
83) sec-Butylbenzene	7.715	105	26766	4.61 ug/l	93
84) 4-Isopropyltoluene	7.794	119	20919	4.93 ug/l	96
85) n-Butylbenzene	8.060	91	25352	4.80 ug/l	93
86) p-Diethylbenzene	8.040	119	11516	4.59 ug/l	93
87) 1,2,4,5-Tetramethylben...	8.542	119	18141	3.77 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.611	157	3406	3.35 ug/l	98
89) Hexachlorobutadiene	9.241	225	5507	5.32 ug/l	94
90) 1,2,4-Trichlorobenzene	9.153	180	10692	4.44 ug/l	97
91) 1,2,3-Trichlorobenzene	9.478	180	11818	4.92 ug/l	98
92) Naphthalene	9.330	128	33515	4.21 ug/l	100

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


Abundance
TIC: 3M57506.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 3M57506.D
Acq On : 12/19/08 14:20
Operator : WP
Sam Mult : 1 Vial# : 15
Misc : A,5ML
Qt Meth : 3M_A1219.M
Qt On : 12/19/08 14:33
Qt Upd On: 12/19/08 14:27
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M57506.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Time-->


Abundance
TIC: 3M57506.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB
Data File: 3M57502.D
Acq On : 12/19/08 13:12

Operator : WP
Sam Mult : 1 Vial# : 11
Misc : A,5ML

Qt Meth : 3M_A1219.M
Qt On : 12/19/08 13:33
Qt Upd On: 12/19/08 13:21

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.604	96	232335	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.426	117	194463	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.854	152	109188	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.171	111	72563	31.55	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.17%			
32) 1,2-Dichloroethane-d4	4.397	102	16157	31.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.47%			
56) Toluene-d8	5.559	100	152377	27.99	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.30%			
64) Bromofluorobenzene	7.125	174	95597	29.95	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.83%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.358	51	48428	10.64	ug/l	54
3) Dichlorodifluoromethane	1.325	85	26460	10.52	ug/l	96
4) Chloromethane	1.492	50	16428	10.68	ug/l	89
5) Bromomethane	1.775	94	7012	12.48	ug/l	96
6) Vinyl Chloride	1.525	62	16285	10.64	ug/l	98
7) Chloroethane	1.842	64	7063	11.40	ug/l	99
8) Trichlorofluoromethane	2.025	101	13188	10.50	ug/l	95
9) 1,1,2-Trichloro-1,2,2-...	2.408	101	15519	11.90	ug/l	95
10) Methylene Chloride	2.792	84	22327	9.70	ug/l	95
11) Acrolein	2.342	56	10449	41.96	ug/l	97
12) Acrylonitrile	2.999	53	13296	10.49	ug/l	94
13) Iodomethane	2.546	142	30931	10.73	ug/l	94
14) Acetone	2.477	43	69600	50.37	ug/l	95
15) Carbon Disulfide	2.595	76	53702	7.68	ug/l	100
16) t-Butyl Alcohol	2.890	59	7661	33.41	ug/l	62
17) n-Hexane	3.215	57	10843	8.64	ug/l	91
18) Di-isopropyl-ether	3.393	45	108937	9.33	ug/l	76
19) 1,1-Dichloroethene	2.418	61	41481	9.91	ug/l	80
20) Methyl Acetate	2.713	43	43190	11.44	ug/l	100
21) Methyl-t-butyl ether	3.008	73	35012	7.29	ug/l	62
22) 1,1-Dichloroethane	3.353	63	43935	9.26	ug/l	97
23) trans-1,2-Dichloroethene	3.008	96	19479	10.00	ug/l	95
24) cis-1,2-Dichloroethene	3.826	61	45826	9.70	ug/l	88
25) Bromochloromethane	4.003	49	35393	10.54	ug/l	94
26) 2,2-Dichloropropane	3.826	77	14537	7.22	ug/l	94
27) 1,4-Dioxane	5.047	88	18858	480.78	ug/l	53
28) 1,1-Dichloropropene	4.289	75	31970	9.80	ug/l	97
29) Chloroform	4.052	83	43412	10.40	ug/l	99
31) Cyclohexane	4.220	56	30640	9.46	ug/l	74
33) 1,2-Dichloroethane	4.446	62	46507	10.35	ug/l	97
34) 2-Butanone	3.836	43	24836	10.45	ug/l	77
35) 1,1,1-Trichloroethane	4.190	97	26021	9.43	ug/l	97
36) Carbon Tetrachloride	4.299	117	22333	10.68	ug/l	91
37) Vinyl Acetate	3.383	43	116156	9.11	ug/l	100
38) Bromodichloromethane	5.136	83	34796	9.63	ug/l	99
39) Methylcyclohexane	4.939	83	17228	8.91	ug/l	75
40) Dibromomethane	5.047	174	23856	10.78	ug/l	91
41) 1,2-Dichloropropane	4.968	63	31404	9.64	ug/l	99
42) Trichloroethene	4.821	130	24170	9.62	ug/l	85
43) Benzene	4.437	78	95143	9.57	ug/l	100
44) tert-Amyl methyl ether	4.486	73	32979	6.42	ug/l	97
46) Dibromochloromethane	6.081	129	26563	9.22	ug/l	99
47) 2-Chloroethylvinylether	5.293	63	12878	6.59	ug/l	83
48) cis-1,3-Dichloropropene	5.402	75	33239	7.86	ug/l	87
49) trans-1,3-Dichloropropene	5.727	75	27826	7.31	ug/l	96
50) 1,1,2-Trichloroethane	5.835	97	25537	9.75	ug/l	94
51) 1,2-Dibromoethane	6.160	107	27707	9.65	ug/l	95
52) 1,3-Dichloropropane	5.943	76	49157	9.50	ug/l	95
53) 4-Methyl-2-Pentanone	5.480	43	54129	8.78	ug/l	91
54) 2-Hexanone	5.963	43	42470	9.17	ug/l	81
55) Tetrachloroethene	5.934	164	19358	9.64	ug/l	100
57) Toluene	5.599	92	59382	9.18	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.485	133	19437	9.09	ug/l	89
59) Chlorobenzene	6.446	112	68082	10.04	ug/l	97
61) Bromoform	6.948	173	18233	7.94	ug/l	99
62) Ethylbenzene	6.495	106	26280	9.59	ug/l	82
63) 1,1,2,2-Tetrachloroethane	7.194	83	44107	9.34	ug/l	82
65) Styrene	6.810	104	71162	9.46	ug/l	100
66) m&p-Xylenes	6.564	106	78843	19.77	ug/l	99

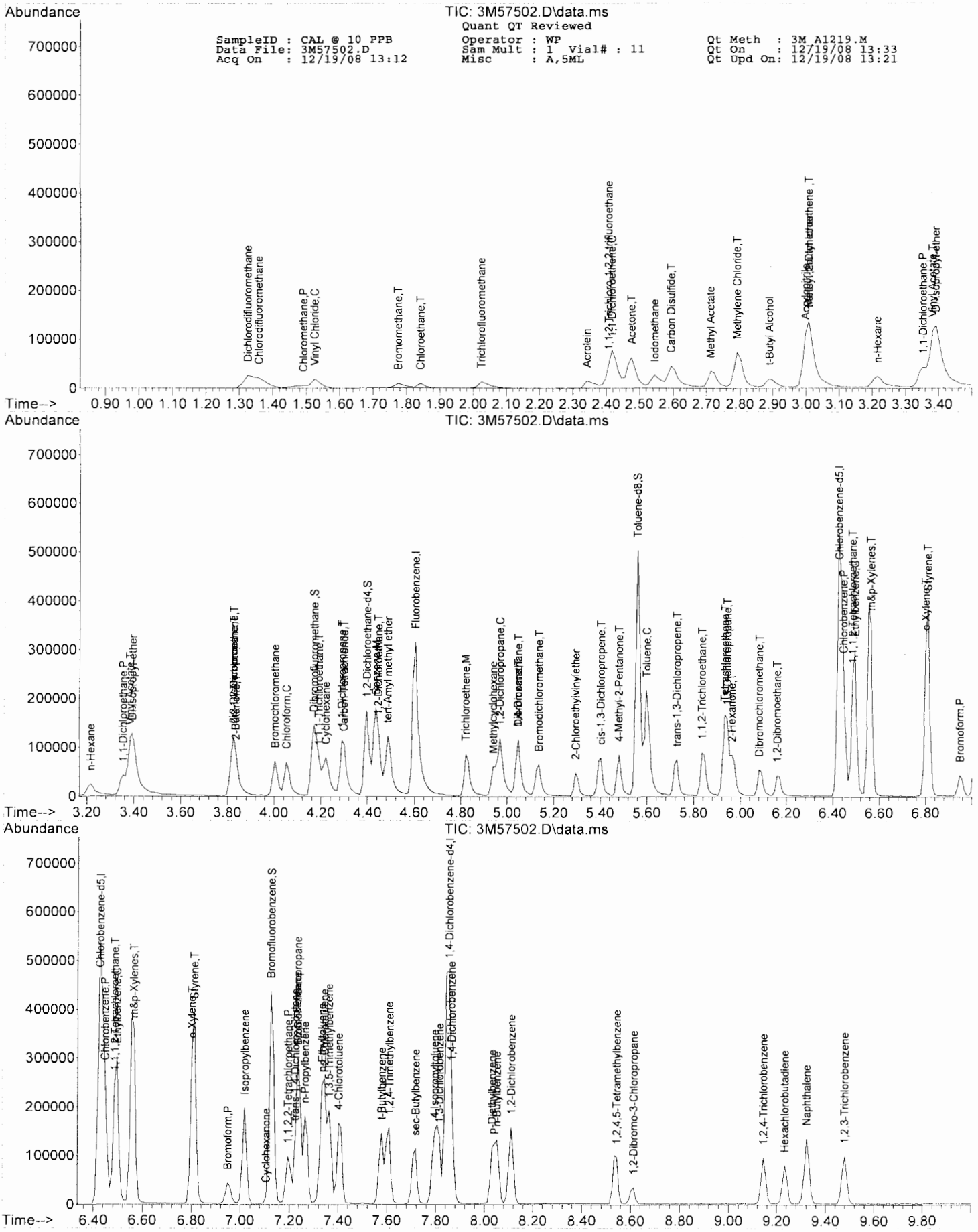
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57502.D Sam Mult : 1 Vial# : 11 Qt On : 12/19/08 13:33
Acq On : 12/19/08 13:12 Misc : A,5ML Qt Upd On: 12/19/08 13:21

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.800	106	39042	9.77 ug/l	78
68) trans-1,4-Dichloro-2-b...	7.224	53	16434	9.99 ug/l	57
69) 1,3-Dichlorobenzene	7.815	146	49415	9.22 ug/l	98
70) 1,4-Dichlorobenzene	7.864	146	53915	9.83 ug/l	89
71) 1,2-Dichlorobenzene	8.110	146	50499	9.38 ug/l	97
72) Isopropylbenzene	7.017	105	84515	9.12 ug/l	98
73) Cyclohexanone	7.106	55	1369m	5.52 ug/l	
74) 1,2,3-Trichloropropane	7.234	75	46272	8.85 ug/l	95
75) 2-Chlorotoluene	7.342	91	65360	10.67 ug/l	97
76) p-Ethyltoluene	7.332	105	79351	10.41 ug/l	96
77) 4-Chlorotoluene	7.401	91	58136	8.19 ug/l	96
78) n-Propylbenzene	7.263	91	108339	9.35 ug/l	94
79) Bromobenzene	7.234	77	75206	9.54 ug/l	85
80) 1,3,5-Trimethylbenzene	7.362	105	61020	8.35 ug/l	52
81) t-Butylbenzene	7.578	119	53392	8.66 ug/l	95
82) 1,2,4-Trimethylbenzene	7.608	105	70509	8.76 ug/l	95
83) sec-Butylbenzene	7.716	105	64119	8.32 ug/l	94
84) 4-Isopropyltoluene	7.795	119	51752	8.58 ug/l	97
85) n-Butylbenzene	8.051	91	62257	8.51 ug/l	95
86) p-Diethylbenzene	8.031	119	28474	8.37 ug/l	90
87) 1,2,4,5-Tetramethylben...	8.543	119	49754	7.65 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.612	157	7347	7.58 ug/l	96
89) Hexachlorobutadiene	9.233	225	15427	10.03 ug/l	97
90) 1,2,4-Trichlorobenzene	9.144	180	26846	8.86 ug/l	98
91) 1,2,3-Trichlorobenzene	9.479	180	29967	9.48 ug/l	96
92) Naphthalene	9.321	128	86324	8.38 ug/l	100

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


Abundance
TIC: 3M57502.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 3M57502.D
Acq On : 12/19/08 13:12
Operator : WP
Sam Mult : 1 Vial# : 11
Misc : A,5ML
Qt Meth : 3M A1219.M
Qt On : 12/19/08 13:33
Qt Upd On: 12/19/08 13:21
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 3M57500.D
Acq On : 12/19/08 12:37

Operator : WP
Sam Mult : 1 Vial# : 9
Misc : A,5ML

Qt Meth : 3M_A1219.M
Qt On : 12/19/08 13:20
Qt Upd On: 12/19/08 13:20

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.603	96	213366	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.425	117	181102	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.853	152	103468	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.170	111	67287	31.85	ug/l	0.00
Spiked Amount 30.000			Recovery =	106.17%		
32) 1,2-Dichloroethane-d4	4.396	102	15931	34.29	ug/l	0.00
Spiked Amount 30.000			Recovery =	114.30%		
56) Toluene-d8	5.558	100	144635	28.52	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.07%		
64) Bromofluorobenzene	7.124	174	91610	30.29	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.97%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.359	51	251021	60.04	ug/l	52
3) Dichlorodifluoromethane	1.326	85	137796	59.68	ug/l	90
4) Chloromethane	1.492	50	83425	59.05	ug/l	86
5) Bromomethane	1.776	94	32514	63.03	ug/l	87
6) Vinyl Chloride	1.526	62	79758	56.72	ug/l	99
7) Chloroethane	1.843	64	31639	55.60	ug/l	92
8) Trichlorofluoromethane	2.026	101	72312	62.69	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.407	101	81417	67.97	ug/l	95
10) Methylene Chloride	2.791	84	115919	54.84	ug/l	93
11) Acrolein	2.343	56	52496	229.57	ug/l	97
12) Acrylonitrile	2.998	53	71827	61.68	ug/l	96
13) Iodomethane	2.545	142	156422	59.09	ug/l	87
14) Acetone	2.476	43	342445	269.85	ug/l	91
15) Carbon Disulfide	2.594	76	267156	41.60	ug/l	100
16) t-Butyl Alcohol	2.889	59	47107	223.73	ug/l	94
17) n-Hexane	3.214	57	60181	52.20	ug/l	79
18) Di-isopropyl-ether	3.392	45	580191	54.11	ug/l	75
19) 1,1-Dichloroethene	2.417	61	236382	61.51	ug/l	85
20) Methyl Acetate	2.712	43	215750	62.20	ug/l	100
21) Methyl-t-butyl ether	3.008	73	193633	43.92	ug/l	74
22) 1,1-Dichloroethane	3.352	63	242339	55.61	ug/l	97
23) trans-1,2-Dichloroethene	3.008	96	96950	54.21	ug/l	93
24) cis-1,2-Dichloroethene	3.825	61	249093	57.40	ug/l	86
25) Bromochloromethane	4.002	49	201002	65.17	ug/l	95
26) 2,2-Dichloropropane	3.825	77	98919	53.48	ug/l	96
27) 1,4-Dioxane	5.046	88	100901	2801.12	ug/l	60
28) 1,1-Dichloropropene	4.288	75	166742	55.66	ug/l	95
29) Chloroform	4.051	83	219892	57.34	ug/l	94
31) Cyclohexane	4.219	56	174698	58.76	ug/l	73
33) 1,2-Dichloroethane	4.445	62	224873	54.50	ug/l	98
34) 2-Butanone	3.835	43	127121	58.22	ug/l	71
35) 1,1,1-Trichloroethane	4.189	97	144675	57.08	ug/l	98
36) Carbon Tetrachloride	4.298	117	115363	60.06	ug/l	89
37) Vinyl Acetate	3.382	43	628920	53.69	ug/l	100
38) Bromodichloromethane	5.135	83	189168	56.99	ug/l	99
39) Methylcyclohexane	4.948	83	96884	54.59	ug/l	75
40) Dibromomethane	5.046	174	118162	58.16	ug/l	94
41) 1,2-Dichloropropane	4.967	63	164512	54.99	ug/l	99
42) Trichloroethene	4.820	130	129703	56.23	ug/l	89
43) Benzene	4.436	78	468059	51.29	ug/l	100
44) tert-Amyl methyl ether	4.485	73	161502	34.24	ug/l	96
46) Dibromochloromethane	6.090	129	146023	54.41	ug/l	97
47) 2-Chloroethylvinylether	5.292	63	81322	44.67	ug/l	81
48) cis-1,3-Dichloropropene	5.401	75	204207	51.82	ug/l	94
49) trans-1,3-Dichloropropene	5.726	75	185798	52.40	ug/l	96
50) 1,1,2-Trichloroethane	5.844	97	127958	52.47	ug/l	96
51) 1,2-Dibromoethane	6.169	107	136695	51.10	ug/l	94
52) 1,3-Dichloropropane	5.942	76	247640	51.41	ug/l	93
53) 4-Methyl-2-Pentanone	5.480	43	305348	53.16	ug/l	91
54) 2-Hexanone	5.962	43	235745	54.66	ug/l	83
55) Tetrachloroethene	5.933	164	98077	52.46	ug/l	99
57) Toluene	5.598	92	291285	48.33	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.484	133	103868	52.17	ug/l	93
59) Chlorobenzene	6.445	112	337750	53.50	ug/l	97
61) Bromoform	6.947	173	114137	52.45	ug/l	99
62) Ethylbenzene	6.494	106	132352	50.97	ug/l	86
63) 1,1,2,2-Tetrachloroethane	7.193	83	223790	50.01	ug/l	83
65) Styrene	6.809	104	362196	50.78	ug/l	94
66) m&p-Xylenes	6.563	106	369787	97.86	ug/l	92

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 3M57500.D
Acq On : 12/19/08 12:37

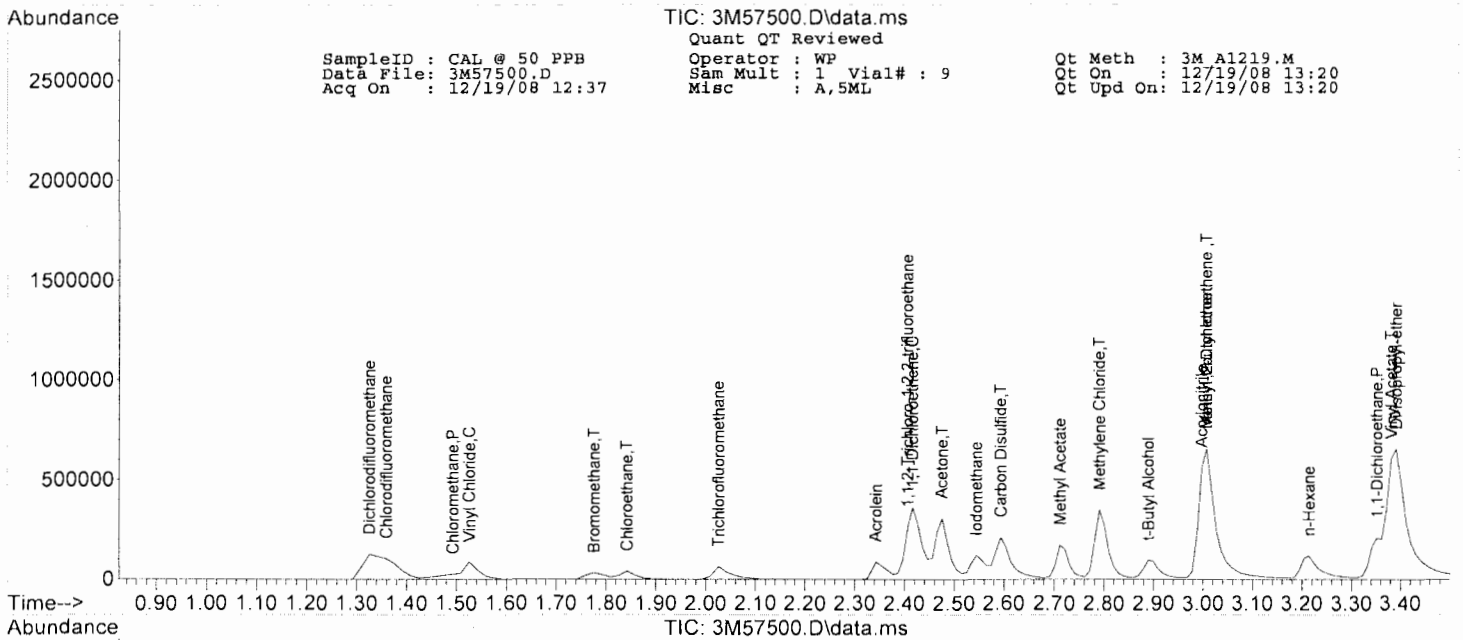
Operator : WP
Sam Mult : 1 Vial# : 9
Misc : A,5ML

Qt Meth : 3M_A1219.M
Qt On : 12/19/08 13:20
Qt Upd On: 12/19/08 13:20

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.799	106	195641	51.64 ug/l	75
68) trans-1,4-Dichloro-2-b...	7.223	53	88009	56.48 ug/l	53
69) 1,3-Dichlorobenzene	7.814	146	259148	51.02 ug/l	98
70) 1,4-Dichlorobenzene	7.863	146	272250	52.39 ug/l	97
71) 1,2-Dichlorobenzene	8.109	146	267526	52.42 ug/l	98
72) Isopropylbenzene	7.016	105	458587	52.21 ug/l	97
73) Cyclohexanone	7.105	55	6807	28.97 ug/l	94
74) 1,2,3-Trichloropropane	7.233	75	238718	48.20 ug/l	92
75) 2-Chlorotoluene	7.341	91	328859	56.68 ug/l	96
76) p-Ethyltoluene	7.331	105	403058	55.79 ug/l	95
77) 4-Chlorotoluene	7.410	91	310634	46.18 ug/l	98
78) n-Propylbenzene	7.262	91	558303	50.83 ug/l	98
79) Bromobenzene	7.233	77	381256	51.04 ug/l	82
80) 1,3,5-Trimethylbenzene	7.361	105	328128	47.38 ug/l	55
81) t-Butylbenzene	7.577	119	300945	51.53 ug/l	93
82) 1,2,4-Trimethylbenzene	7.607	105	390703	51.21 ug/l	96
83) sec-Butylbenzene	7.715	105	368898	50.50 ug/l	94
84) 4-Isopropyltoluene	7.794	119	294421	51.50 ug/l	98
85) n-Butylbenzene	8.050	91	348712	50.28 ug/l	97
86) p-Diethylbenzene	8.030	119	165957	51.48 ug/l	91
87) 1,2,4,5-Tetramethylben...	8.533	119	290070	47.05 ug/l	95
88) 1,2-Dibromo-3-Chloropr...	8.611	157	46774	50.93 ug/l	96
89) Hexachlorobutadiene	9.232	225	67253	46.16 ug/l	98
90) 1,2,4-Trichlorobenzene	9.143	180	140083	48.76 ug/l	99
91) 1,2,3-Trichlorobenzene	9.478	180	146742	49.01 ug/l	99
92) Naphthalene	9.321	128	463759	47.53 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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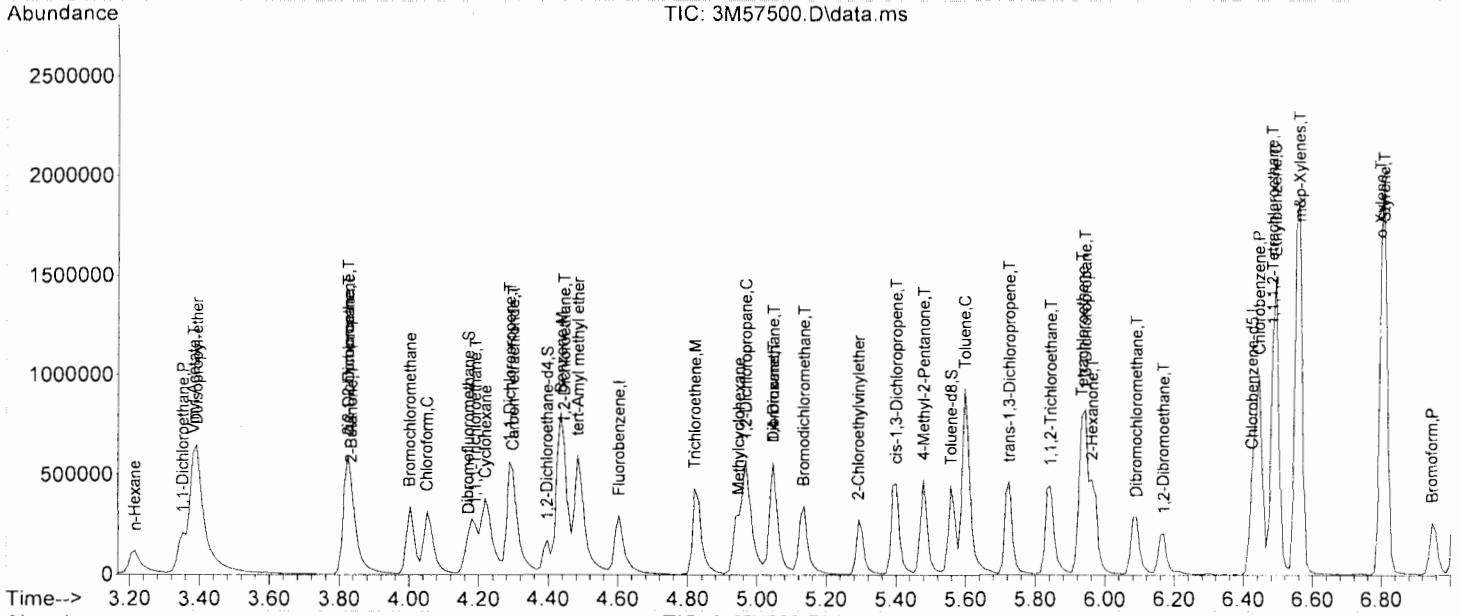
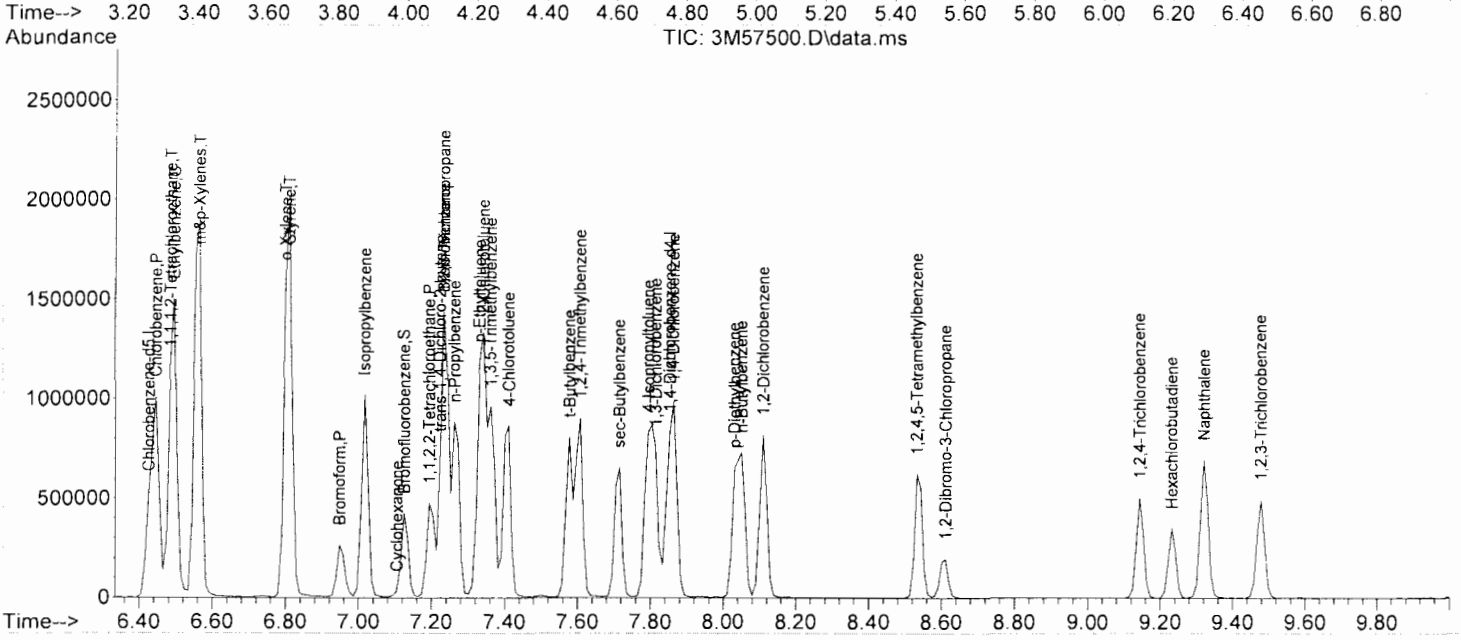
TIC: 3M57500.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 3M57500.D
Acq On : 12/19/08 12:37
Operator : WP
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 3M_A1219.M
Qt On : 12/19/08 13:20
Qt Upd On: 12/19/08 13:20
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichloro-1,2,2-trifluoroethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M57500.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Time-->


Abundance
TIC: 3M57500.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone,S
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
p-Diethylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57499.D Sam Mult : 1 Vial# : 8 Qt On : 12/19/08 13:18
Acq On : 12/19/08 12:20 Misc : A,5ML Qt Upd On: 12/19/08 13:17

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.604	96	224406	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.426	117	184028	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.844	152	101769	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.170	111	71129	32.02	ug/l	0.00
Spiked Amount 30.000			Recovery =	106.73%		
32) 1,2-Dichloroethane-d4	4.397	102	14450	29.57	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.57%		
56) Toluene-d8	5.559	100	151246	29.35	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.83%		
64) Bromofluorobenzene	7.125	174	99565	33.47	ug/l	0.00
Spiked Amount 30.000			Recovery =	111.57%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.358	51	471571	107.24	ug/l	59
3) Dichlorodifluoromethane	1.325	85	258996	106.65	ug/l	93
4) Chloromethane	1.491	50	168857	113.64	ug/l	84
5) Bromomethane	1.775	94	53443	98.50	ug/l	98
6) Vinyl Chloride	1.525	62	161523	109.22	ug/l	96
7) Chloroethane	1.841	64	60131	100.46	ug/l	99
8) Trichlorofluoromethane	2.025	101	141709	116.80	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.417	101	154027	122.27	ug/l	94
10) Methylene Chloride	2.791	84	230182	103.54	ug/l	95
11) Acrolein	2.341	56	95328	396.36	ug/l	99
12) Acrylonitrile	2.998	53	141665	115.67	ug/l	99
13) Iodomethane	2.545	142	281390	101.07	ug/l	91
14) Acetone	2.476	43	699207	523.88	ug/l	91
15) Carbon Disulfide	2.594	76	519685	76.94	ug/l	100
16) t-Butyl Alcohol	2.900	59	100648	454.49	ug/l	93
17) n-Hexane	3.215	57	122634	101.14	ug/l	80
18) Di-isopropyl-ether	3.392	45	1168682	103.64	ug/l	75
19) 1,1-Dichloroethene	2.417	61	455514	112.70	ug/l	84
20) Methyl Acetate	2.713	43	445712	122.19	ug/l	100
21) Methyl-t-butyl ether	3.008	73	389092	83.92	ug/l	76
22) 1,1-Dichloroethane	3.353	63	477998	104.28	ug/l	98
23) trans-1,2-Dichloroethene	3.008	96	188293	100.11	ug/l	88
24) cis-1,2-Dichloroethene	3.825	61	484023	106.05	ug/l	86
25) Bromochloromethane	4.003	49	394548	121.63	ug/l	95
26) 2,2-Dichloropropane	3.825	77	205169	105.47	ug/l	95
27) 1,4-Dioxane	5.047	88	197255	5206.60	ug/l	51
28) 1,1-Dichloropropene	4.288	75	318923	101.22	ug/l	96
29) Chloroform	4.052	83	429880	106.58	ug/l	98
31) Cyclohexane	4.219	56	347034	110.99	ug/l	73
33) 1,2-Dichloroethane	4.446	62	436466	100.58	ug/l	99
34) 2-Butanone	3.835	43	261297	113.79	ug/l	77
35) 1,1,1-Trichloroethane	4.190	97	284043	106.55	ug/l	99
36) Carbon Tetrachloride	4.298	117	223570	110.66	ug/l	89
37) Vinyl Acetate	3.382	43	1255744	101.93	ug/l	100
38) Bromodichloromethane	5.125	83	377616	108.16	ug/l	99
39) Methylcyclohexane	4.938	83	191563	102.62	ug/l	75
40) Dibromomethane	5.047	174	226705	106.09	ug/l	95
41) 1,2-Dichloropropane	4.968	63	324843	103.25	ug/l	100
42) Trichloroethene	4.820	130	248544	102.45	ug/l	89
43) Benzene	4.436	78	904066	94.19	ug/l	100
44) tert-Amyl methyl ether	4.485	73	367382	74.06	ug/l	89
46) Dibromochloromethane	6.081	129	299220	109.72	ug/l	96
47) 2-Chloroethylvinylether	5.293	63	170952	92.42	ug/l	85
48) cis-1,3-Dichloropropene	5.391	75	415233	103.70	ug/l	96
49) trans-1,3-Dichloropropene	5.726	75	385761	107.06	ug/l	99
50) 1,1,2-Trichloroethane	5.835	97	250686	101.15	ug/l	88
51) 1,2-Dibromoethane	6.160	107	263538	96.95	ug/l	98
52) 1,3-Dichloropropane	5.943	76	471441	96.31	ug/l	93
53) 4-Methyl-2-Pentanone	5.480	43	630535	108.03	ug/l	90
54) 2-Hexanone	5.963	43	482553	110.11	ug/l	84
55) Tetrachloroethene	5.933	164	182974	96.32	ug/l	98
57) Toluene	5.598	92	555222	90.65	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.485	133	191420	94.62	ug/l	94
59) Chlorobenzene	6.445	112	642401	100.13	ug/l	96
61) Bromoform	6.947	173	230355	107.62	ug/l	99
62) Ethylbenzene	6.494	106	232896	91.19	ug/l	84
63) 1,1,2,2-Tetrachloroethane	7.194	83	430255	97.76	ug/l	87
65) Styrene	6.810	104	647079	92.24	ug/l	95
66) m&p-Xylenes	6.554	106	658054	177.05	ug/l	81

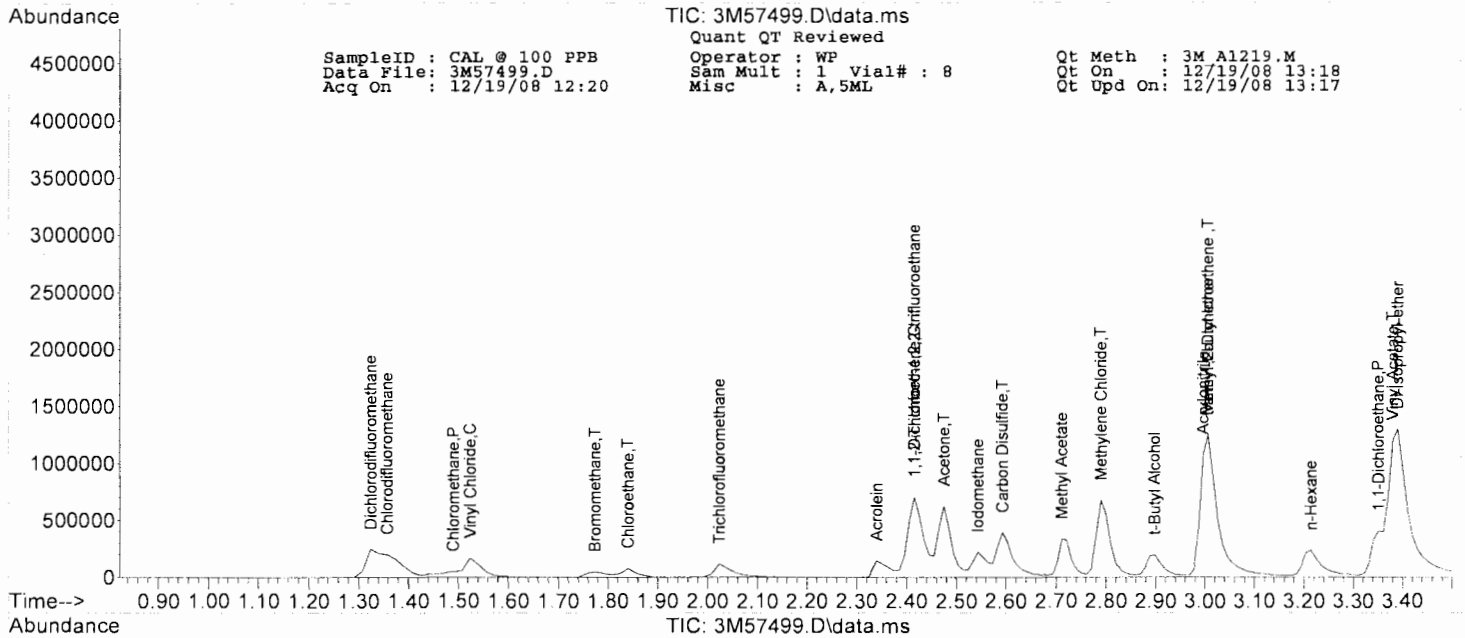
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57499.D Sam Mult : 1 Vial# : 8 Qt On : 12/19/08 13:18
Acq On : 12/19/08 12:20 Misc : A,5ML Qt Upd On: 12/19/08 13:17

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.800	106	351856	94.42 ug/l	76
68)	trans-1,4-Dichloro-2-b...	7.223	53	165532	108.01 ug/l	59
69)	1,3-Dichlorobenzene	7.814	146	474796	95.04 ug/l	97
70)	1,4-Dichlorobenzene	7.863	146	488043	95.48 ug/l	98
71)	1,2-Dichlorobenzene	8.110	146	484065	96.44 ug/l	98
72)	Isopropylbenzene	7.016	105	889640	102.98 ug/l	98
73)	Cyclohexanone	7.105	55	15159	65.59 ug/l	95
74)	1,2,3-Trichloropropane	7.233	75	471524	96.80 ug/l	89
75)	2-Chlorotoluene	7.341	91	608742	106.67 ug/l	96
76)	p-Ethyltoluene	7.332	105	653576	91.97 ug/l	94
77)	4-Chlorotoluene	7.401	91	579686	87.62 ug/l	96
78)	n-Propylbenzene	7.263	91	1052218	97.40 ug/l	97
79)	Bromobenzene	7.233	77	703048	95.68 ug/l	82
80)	1,3,5-Trimethylbenzene	7.361	105	566620	83.19 ug/l	94
81)	t-Butylbenzene	7.578	119	591904	103.04 ug/l	93
82)	1,2,4-Trimethylbenzene	7.607	105	738327	98.39 ug/l	96
83)	sec-Butylbenzene	7.706	105	673524	93.74 ug/l	95
84)	4-Isopropyltoluene	7.794	119	558621	99.34 ug/l	98
85)	n-Butylbenzene	8.051	91	632075	92.66 ug/l	97
86)	p-Diethylbenzene	8.031	119	305251	96.26 ug/l	92
87)	1,2,4,5-Tetramethylben...	8.533	119	564697	93.13 ug/l	96
88)	1,2-Dibromo-3-Chloropr...	8.612	157	99606	110.27 ug/l	96
89)	Hexachlorobutadiene	9.232	225	127487	88.96 ug/l	99
90)	1,2,4-Trichlorobenzene	9.144	180	271324	96.03 ug/l	99
91)	1,2,3-Trichlorobenzene	9.479	180	278032	94.40 ug/l	99
92)	Naphthalene	9.321	128	895187	93.27 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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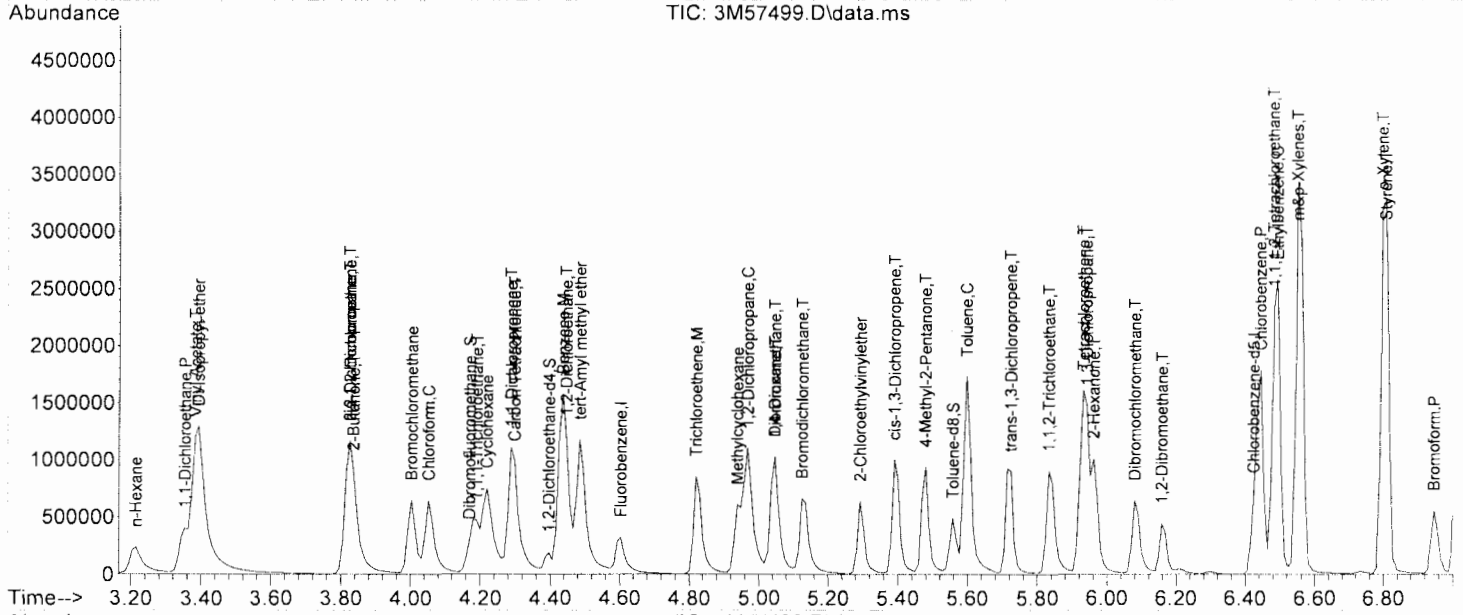
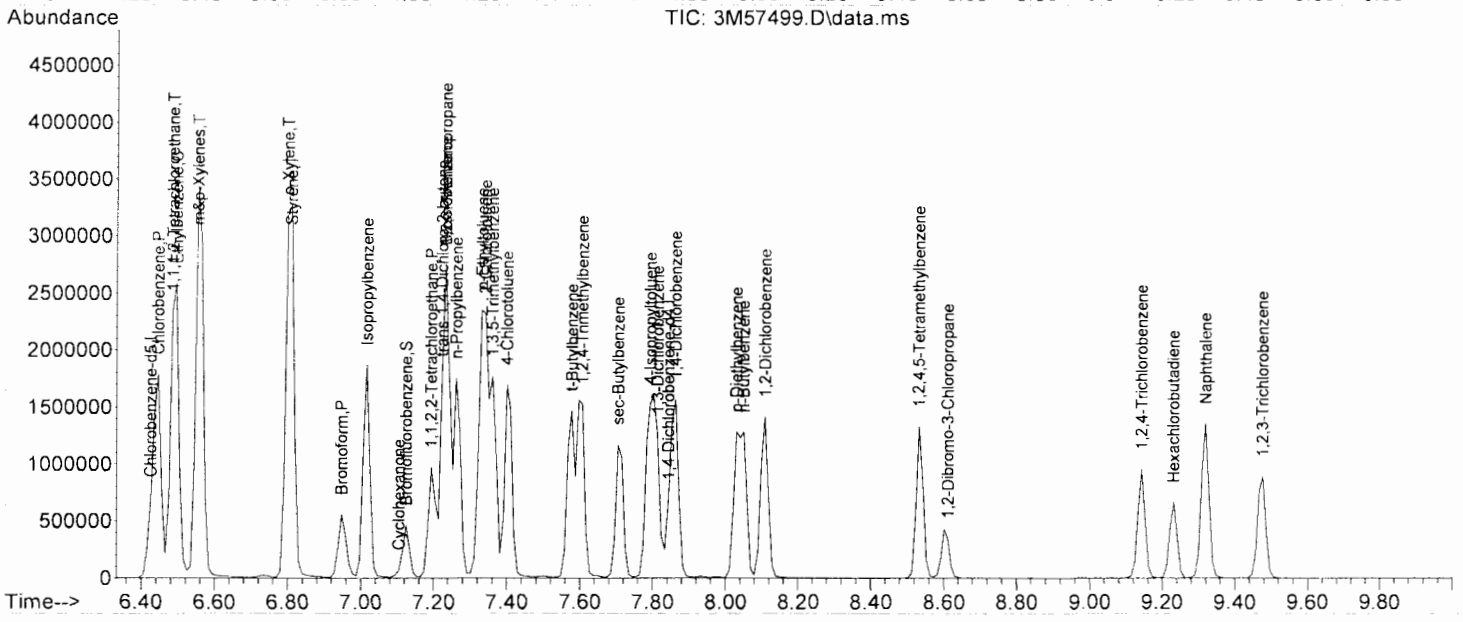
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 3M57499.D
Acq On : 12/19/08 12:20
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 3M A1219.M
Qt On : 12/19/08 13:18
Qt Upd On: 12/19/08 13:17
Abundance
Time-->


TIC: 3M57499.D\data.ms
Abundance
Time-->


TIC: 3M57499.D\data.ms
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57498.D Sam Mult : 1 Vial# : 7 Qt On : 12/19/08 13:18
Acq On : 12/19/08 12:03 Misc : A,5ML Qt Upd On: 12/19/08 13:17

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.594	96	237695	30.00	ug/l	-0.01
45) Chlorobenzene-d5	6.426	117	178832	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.844	152	100758	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.161	111	70367	29.90	ug/l	-0.01
Spiked Amount 30.000			Recovery = 99.67%			
32) 1,2-Dichloroethane-d4	4.397	102	14767	28.53	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.10%			
56) Toluene-d8	5.560	100	158143	31.58	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.27%			
64) Bromofluorobenzene	7.125	174	99912	33.93	ug/l	0.00
Spiked Amount 30.000			Recovery = 113.10%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.358	51	1265829	271.77	ug/l	47
3) Dichlorodifluoromethane	1.325	85	705971	274.45	ug/l	93
4) Chloromethane	1.492	50	459371	291.88	ug/l	85
5) Bromomethane	1.758	94	71875	125.07	ug/l	98
6) Vinyl Chloride	1.525	62	421980	269.39	ug/l	94
7) Chloroethane	1.825	64	131223	206.98	ug/l	98
8) Trichlorofluoromethane	2.025	101	363377	282.76	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.408	101	373410	279.84	ug/l	95
10) Methylene Chloride	2.792	84	537388	228.21	ug/l	98
11) Acrolein	2.342	56	246203	966.46	ug/l	100
12) Acrylonitrile	2.989	53	315101	242.91	ug/l	96
13) Iodomethane	2.536	142	601403	203.93	ug/l	86
14) Acetone	2.477	43	1593098	1126.89	ug/l	92
15) Carbon Disulfide	2.585	76	1311729	183.35	ug/l	100
16) t-Butyl Alcohol	2.900	59	232175	989.81	ug/l	95
17) n-Hexane	3.206	57	316055	246.08	ug/l	79
18) Di-isopropyl-ether	3.393	45	2828466	236.80	ug/l	74
19) 1,1-Dichloroethene	2.408	61	1097725	256.40	ug/l	80
20) Methyl Acetate	2.713	43	1057409	273.67	ug/l	100
21) Methyl-t-butyl ether	3.009	73	897509	182.75	ug/l	75
22) 1,1-Dichloroethane	3.344	63	1168188	240.61	ug/l	98
23) trans-1,2-Dichloroethene	2.999	96	428413	215.05	ug/l	85
24) cis-1,2-Dichloroethene	3.816	61	1126624	233.04	ug/l	80
25) Bromochloromethane	3.994	49	779621	226.90	ug/l	85
26) 2,2-Dichloropropane	3.826	77	545174	264.58	ug/l	94
27) 1,4-Dioxane	5.047	88	427410	10650.88	ug/l	50
28) 1,1-Dichloropropene	4.289	75	747714	224.04	ug/l	98
29) Chloroform	4.053	83	1035528	242.39	ug/l	96
31) Cyclohexane	4.220	56	860792	259.90	ug/l	72
33) 1,2-Dichloroethane	4.437	62	996147	216.73	ug/l	97
34) 2-Butanone	3.836	43	601058	247.12	ug/l	74
35) 1,1,1-Trichloroethane	4.181	97	725502	256.94	ug/l	100
36) Carbon Tetrachloride	4.289	117	554225	258.99	ug/l	94
37) Vinyl Acetate	3.383	43	3018732	231.34	ug/l	100
38) Bromodichloromethane	5.126	83	922097	249.36	ug/l	100
39) Methylcyclohexane	4.939	83	473417	239.44	ug/l	72
40) Dibromomethane	5.047	174	500813	221.25	ug/l	92
41) 1,2-Dichloropropane	4.969	63	768484	230.60	ug/l	98
42) Trichloroethene	4.821	130	594436	231.34	ug/l	94
43) Benzene	4.427	78	2059094	202.52	ug/l	100
44) tert-Amyl methyl ether	4.486	73	863621	164.37	ug/l	89
46) Dibromochloromethane	6.082	129	728675	274.96	ug/l	98
47) 2-Chloroethylvinylether	5.294	63	440026	244.79	ug/l	84
48) cis-1,3-Dichloropropene	5.392	75	1002838	257.73	ug/l	96
49) trans-1,3-Dichloropropene	5.717	75	947947	270.73	ug/l	99
50) 1,1,2-Trichloroethane	5.835	97	591866	245.76	ug/l	91
51) 1,2-Dibromoethane	6.160	107	588007	222.59	ug/l	96
52) 1,3-Dichloropropane	5.944	76	1024797	215.43	ug/l	93
53) 4-Methyl-2-Pentanone	5.481	43	1526748	269.17	ug/l	91
54) 2-Hexanone	5.963	43	1151047	270.28	ug/l	83
55) Tetrachloroethene	5.924	164	420636	227.86	ug/l	99
57) Toluene	5.599	92	1260650	211.81	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.485	133	400994	203.97	ug/l	96
59) Chlorobenzene	6.446	112	1404608	225.30	ug/l	97
61) Bromoform	6.948	173	569850	268.90	ug/l	98
62) Ethylbenzene	6.495	106	417536	165.12	ug/l	83
63) 1,1,2,2-Tetrachloroethane	7.194	83	931247	213.71	ug/l	90
65) Styrene	6.810	104	1209417	174.13	ug/l	88
66) m&p-Xylenes	6.554	106	1231517	334.66	ug/l	77

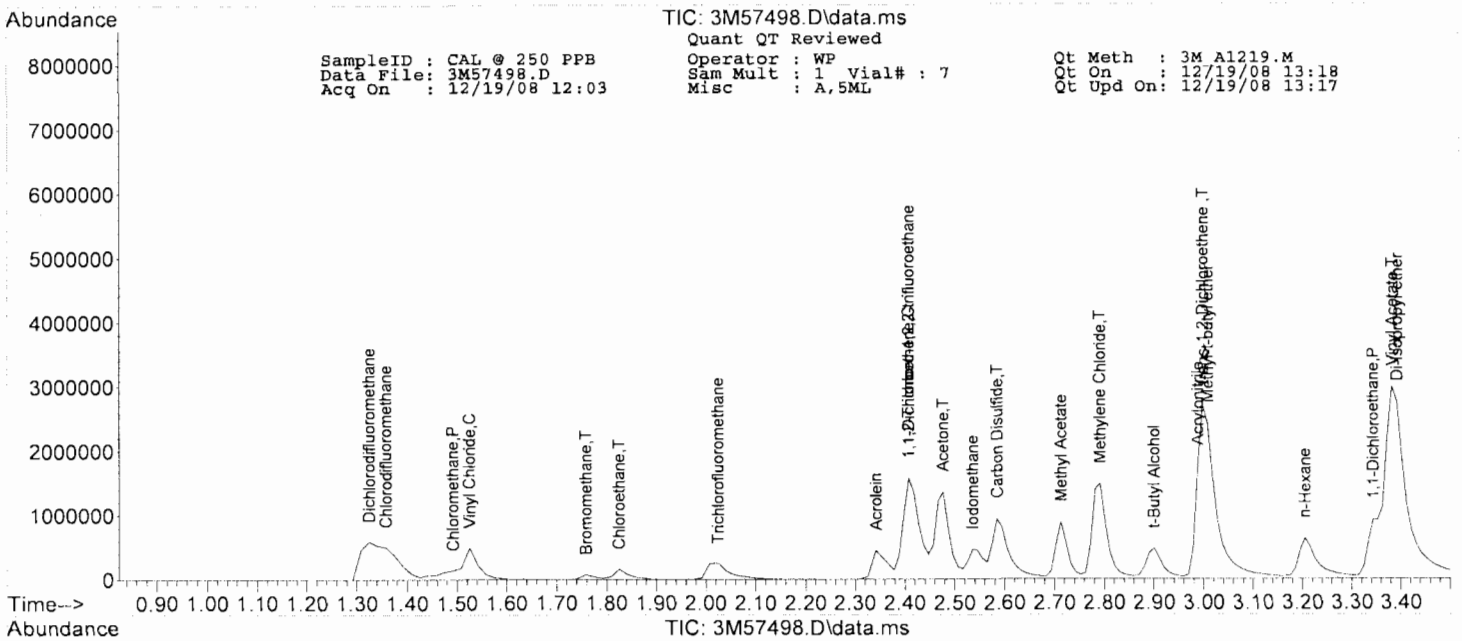
Quantitation Report (QT Reviewed)

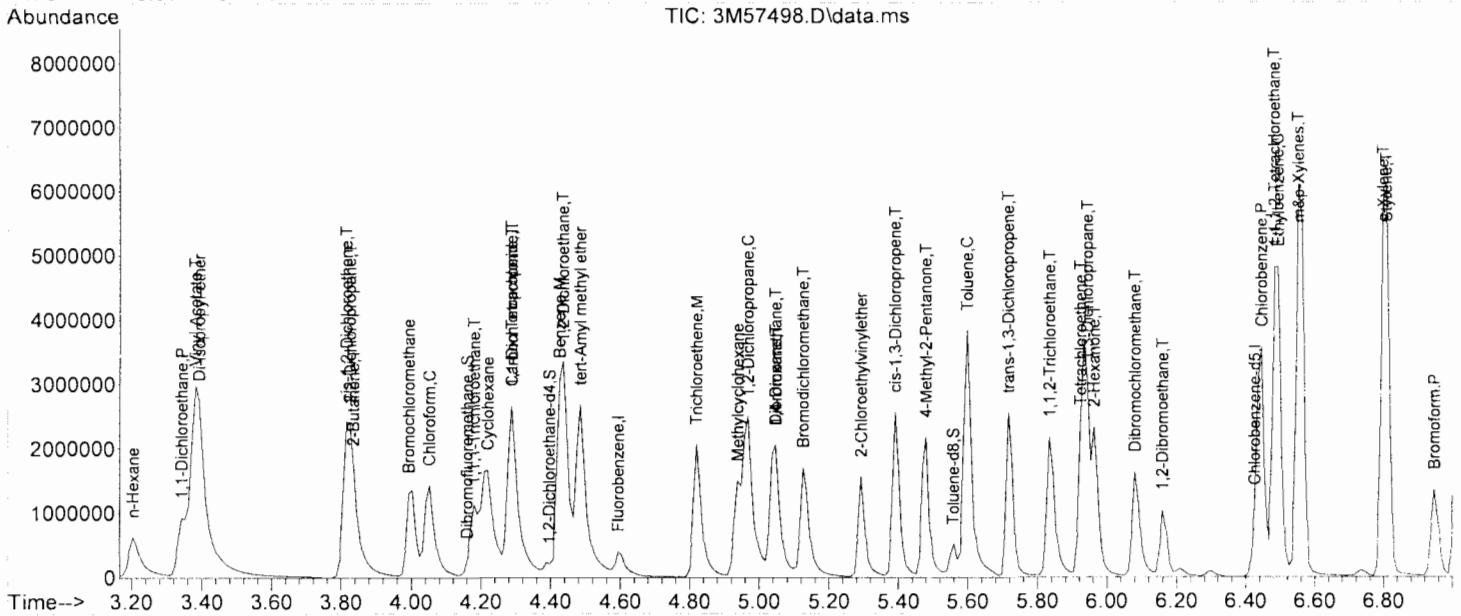
SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57498.D Sam Mult : 1 Vial# : 7 Qt On : 12/19/08 13:18
Acq On : 12/19/08 12:03 Misc : A,5ML Qt Upd On: 12/19/08 13:17

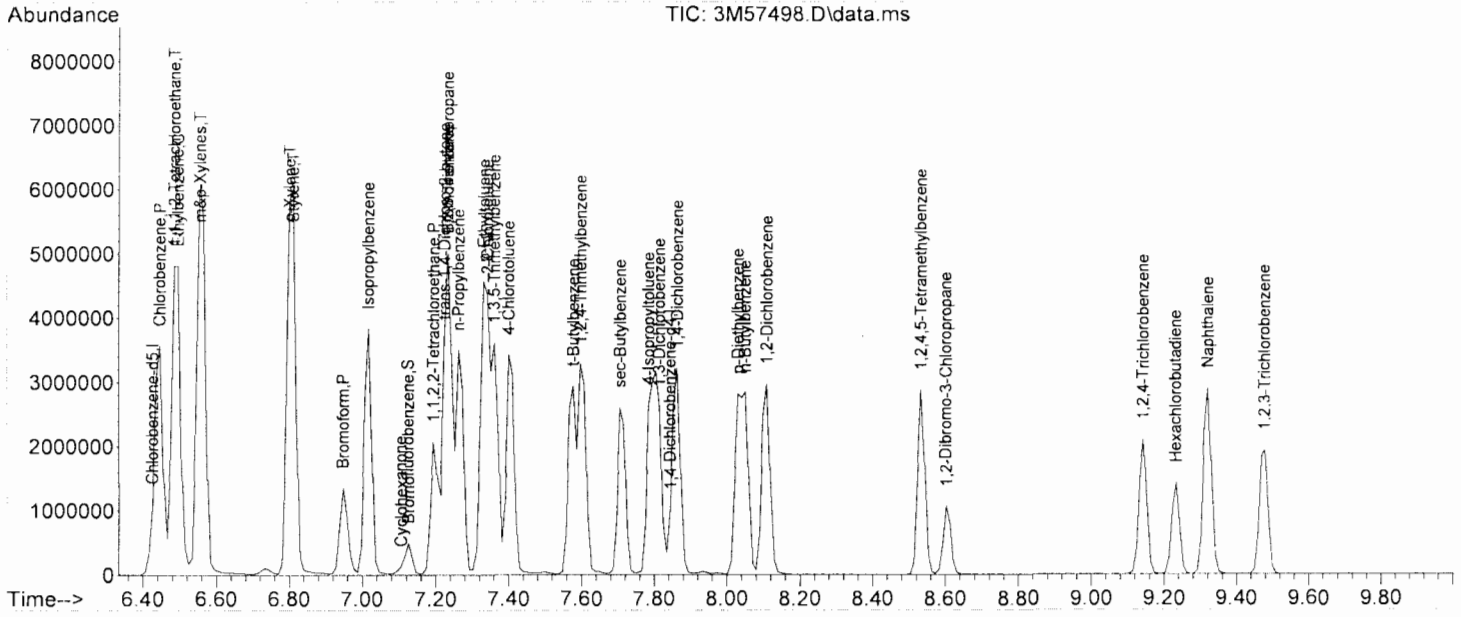
Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.800	106	664322	180.07 ug/l	71
68) trans-1,4-Dichloro-2-b...	7.224	53	320797	211.43 ug/l	60
69) 1,3-Dichlorobenzene	7.815	146	954339	192.95 ug/l	96
70) 1,4-Dichlorobenzene	7.864	146	1064826	210.41 ug/l	98
71) 1,2-Dichlorobenzene	8.110	146	1061468	213.59 ug/l	97
72) Isopropylbenzene	7.017	105	1928845	225.50 ug/l	97
73) Cyclohexanone	7.106	55	34142	149.20 ug/l	95
74) 1,2,3-Trichloropropane	7.234	75	919157	190.60 ug/l	87
75) 2-Chlorotoluene	7.342	91	1130342	200.06 ug/l	95
76) p-Ethyltoluene	7.332	105	1287725	183.02 ug/l	93
77) 4-Chlorotoluene	7.401	91	1200904	183.34 ug/l	96
78) n-Propylbenzene	7.263	91	2209450	206.58 ug/l	97
79) Bromobenzene	7.234	77	1379673	189.65 ug/l	80
80) 1,3,5-Trimethylbenzene	7.362	105	1448866	214.85 ug/l	90
81) t-Butylbenzene	7.579	119	1220330	214.56 ug/l	90
82) 1,2,4-Trimethylbenzene	7.598	105	1528529	205.73 ug/l	96
83) sec-Butylbenzene	7.707	105	1532608	215.45 ug/l	94
84) 4-Isopropyltoluene	7.785	119	1181352	212.19 ug/l	97
85) n-Butylbenzene	8.051	91	1411802	209.04 ug/l	98
86) p-Diethylbenzene	8.032	119	676427	215.46 ug/l	93
87) 1,2,4,5-Tetramethylben...	8.534	119	1280438	213.30 ug/l	95
88) 1,2-Dibromo-3-Chloropr...	8.603	157	243983	272.81 ug/l	96
89) Hexachlorobutadiene	9.233	225	284087	200.21 ug/l	99
90) 1,2,4-Trichlorobenzene	9.144	180	623856	223.01 ug/l	99
91) 1,2,3-Trichlorobenzene	9.479	180	634309	217.53 ug/l	99
92) Naphthalene	9.322	128	2003641	210.85 ug/l	100

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


Abundance
TIC: 3M57498.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 3M57498.D
Acq On : 12/19/08 12:03
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : A,5ML
Qt Meth : 3M_A1219.M
Qt On : 12/19/08 13:18
Qt Upd On: 12/19/08 13:17
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M57498.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Time-->


Abundance
TIC: 3M57498.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57497.D Sam Mult : 1 Vial# : 6 Qt On : 12/19/08 13:17
Acq On : 12/19/08 11:46 Misc : A,5ML Qt Upd On: 12/19/08 13:17

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.594	96	238520	30.00	ug/l	-0.01
45) Chlorobenzene-d5	6.426	117	166295	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.844	152	92692	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.161	111	68985	29.21	ug/l	-0.01
Spiked Amount 30.000			Recovery = 97.37%			
32) 1,2-Dichloroethane-d4	4.388	102	13400	25.80	ug/l	-0.01
Spiked Amount 30.000			Recovery = 86.00%			
56) Toluene-d8	5.560	100	155895	33.48	ug/l	0.00
Spiked Amount 30.000			Recovery = 111.60%			
64) Bromofluorobenzene	7.125	174	99183	36.61	ug/l	0.00
Spiked Amount 30.000			Recovery = 122.03%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.359	51	2532921	541.93	ug/l	45
3) Dichlorodifluoromethane	1.309	85	1482655	574.41	ug/l	92
4) Chloromethane	1.492	50	1113621	705.13	ug/l	84
5) Bromomethane	1.759	94	75368	130.69	ug/l	99
6) Vinyl Chloride	1.525	62	970255	617.26	ug/l	94
7) Chloroethane	1.809	64	72242	113.56	ug/l	100
8) Trichlorofluoromethane	2.009	101	727137	563.86	ug/l	100
9) 1,1,2-Trichloro-1,2,2-...	2.398	101	700615	523.24	ug/l	95
10) Methylene Chloride	2.782	84	1044985	442.24	ug/l	92
11) Acrolein	2.342	56	499009	1952.05	ug/l	98
12) Acrylonitrile	2.989	53	564983	434.03	ug/l	100
13) Iodomethane	2.536	142	1231656	416.20	ug/l	90
14) Acetone	2.477	43	3122220	2200.88	ug/l	91
15) Carbon Disulfide	2.575	76	2573813	358.52	ug/l	100
16) t-Butyl Alcohol	2.910	59	476020	2022.34	ug/l	97
17) n-Hexane	3.196	57	640660	497.09	ug/l	80
18) Di-isopropyl-ether	3.393	45	5407814	451.19	ug/l	74
19) 1,1-Dichloroethene	2.408	61	2097282	488.17	ug/l	83
20) Methyl Acetate	2.713	43	2089473	538.90	ug/l	100
21) Methyl-t-butyl ether	3.009	73	1636823	332.14	ug/l	72
22) 1,1-Dichloroethane	3.344	63	2273025	466.55	ug/l	96
23) trans-1,2-Dichloroethene	2.989	96	768932	384.64	ug/l	78
24) cis-1,2-Dichloroethene	3.816	61	2081230	429.02	ug/l	79
25) Bromochloromethane	3.994	49	1853719	537.63	ug/l	85
26) 2,2-Dichloropropane	3.816	77	1070546	517.75	ug/l	94
27) 1,4-Dioxane	5.047	88	768093	19074.36	ug/l	47
28) 1,1-Dichloropropene	4.289	75	1350327	403.21	ug/l	96
29) Chloroform	4.053	83	2014879	470.01	ug/l	99
31) Cyclohexane	4.210	56	1657983	498.87	ug/l	71
33) 1,2-Dichloroethane	4.437	62	1825461	395.79	ug/l	99
34) 2-Butanone	3.836	43	1138757	466.57	ug/l	73
35) 1,1,1-Trichloroethane	4.181	97	1424504	502.74	ug/l	98
36) Carbon Tetrachloride	4.289	117	1040725	484.64	ug/l	88
37) Vinyl Acetate	3.383	43	5655420	431.90	ug/l	100
38) Bromodichloromethane	5.126	83	1786312	481.39	ug/l	97
39) Methylcyclohexane	4.939	83	884457	445.78	ug/l	72
40) Dibromomethane	5.038	174	887216	390.61	ug/l	94
41) 1,2-Dichloropropane	4.969	63	1446879	432.66	ug/l	99
42) Trichloroethene	4.821	130	1079343	418.60	ug/l	91
43) Benzene	4.427	78	3659681	358.70	ug/l	100
44) tert-Amyl methyl ether	4.486	73	1586381	300.88	ug/l	92
46) Dibromochloromethane	6.082	129	1386164	562.50	ug/l	100
47) 2-Chloroethylvinylether	5.294	63	919661	550.18	ug/l	83
48) cis-1,3-Dichloropropene	5.392	75	1965477	543.22	ug/l	94
49) trans-1,3-Dichloropropene	5.717	75	1867727	573.63	ug/l	99
50) 1,1,2-Trichloroethane	5.835	97	1082395	483.33	ug/l	89
51) 1,2-Dibromoethane	6.160	107	1121464	456.54	ug/l	94
52) 1,3-Dichloropropane	5.944	76	1731346	391.40	ug/l	92
53) 4-Methyl-2-Pentanone	5.481	43	2903977	550.58	ug/l	91
54) 2-Hexanone	5.963	43	2202247	556.10	ug/l	82
55) Tetrachloroethene	5.924	164	716194	417.21	ug/l	98
57) Toluene	5.599	92	2197592	397.07	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.485	133	660241	361.15	ug/l	98
59) Chlorobenzene	6.446	112	2390080	412.28	ug/l	94
61) Bromoform	6.948	173	1112872	570.83	ug/l	99
62) Ethylbenzene	6.495	106	581760	250.08	ug/l	77
63) 1,1,2,2-Tetrachloroethane	7.194	83	1709951	426.56	ug/l	86
65) Styrene	6.820	104	1743780	272.92	ug/l	97
66) m&p-Xylenes	6.564	106	1737965	513.38	ug/l	76

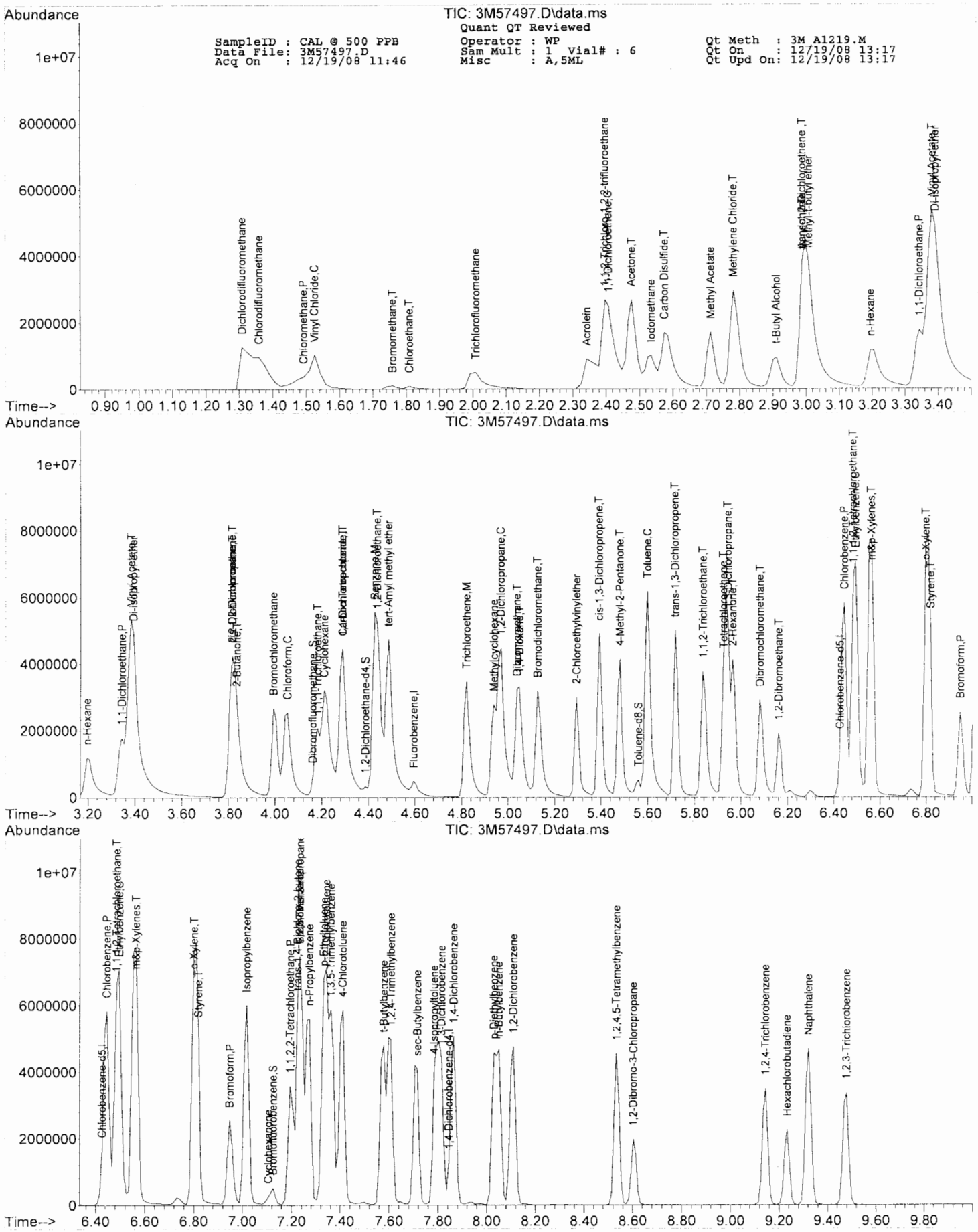
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57497.D Sam Mult : 1 Vial# : 6 Qt On : 12/19/08 13:17
Acq On : 12/19/08 11:46 Misc : A,5ML Qt Upd On: 12/19/08 13:17

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.800	106	975008	287.28 ug/l	73
68) trans-1,4-Dichloro-2-b...	7.224	53	561436	402.23 ug/l	51
69) 1,3-Dichlorobenzene	7.815	146	1547619	340.14 ug/l	95
70) 1,4-Dichlorobenzene	7.864	146	1743251	374.44 ug/l	96
71) 1,2-Dichlorobenzene	8.110	146	1764230	385.89 ug/l	96
72) Isopropylbenzene	7.017	105	3169298	402.77 ug/l	96
73) Cyclohexanone	7.106	55	67878	322.45 ug/l	95
74) 1,2,3-Trichloropropane	7.234	75	1482152	334.08 ug/l	87
75) 2-Chlorotoluene	7.342	91	1667456	320.81 ug/l	94
76) p-Ethyltoluene	7.332	105	2405448	371.63 ug/l	91
77) 4-Chlorotoluene	7.411	91	2023797	335.85 ug/l	95
78) n-Propylbenzene	7.273	91	3928335	399.25 ug/l	96
79) Bromobenzene	7.234	77	2242049	335.02 ug/l	75
80) 1,3,5-Trimethylbenzene	7.362	105	2082473	335.68 ug/l	90
81) t-Butylbenzene	7.579	119	2026894	387.38 ug/l	88
82) 1,2,4-Trimethylbenzene	7.608	105	2504731	366.46 ug/l	95
83) sec-Butylbenzene	7.716	105	2601962	397.60 ug/l	94
84) 4-Isopropyltoluene	7.785	119	1860128	363.18 ug/l	95
85) n-Butylbenzene	8.051	91	2359145	379.71 ug/l	97
86) p-Diethylbenzene	8.032	119	1114530	385.89 ug/l	92
87) 1,2,4,5-Tetramethylben...	8.534	119	2154401	390.11 ug/l	95
88) 1,2-Dibromo-3-Chloropr...	8.603	157	473012	574.93 ug/l	94
89) Hexachlorobutadiene	9.233	225	458366	351.15 ug/l	99
90) 1,2,4-Trichlorobenzene	9.144	180	1089211	423.25 ug/l	99
91) 1,2,3-Trichlorobenzene	9.479	180	1077513	401.69 ug/l	98
92) Naphthalene	9.322	128	3395602	388.43 ug/l	100

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


Abundance
TIC: 3M57497.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 3M57497.D
Acq On : 12/19/08 11:46
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : A,5ML
Qt Meth : 3M_A1219.M
Qt On : 12/19/08 13:17
Qt Upd On: 12/19/08 13:17
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichlorotrifluoroethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Methyl t-Butyl ether
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 3M57497.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Time-->

Abundance
TIC: 3M57497.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB
Data File: 3M57494.D
Acq On : 12/19/08 10:51

Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML

Qt Meth : 3M_A1219.M
Qt On : 12/19/08 13:24
Qt Upd On: 12/19/08 13:21

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.594	96	225803	30.00	ug/l	-0.01
45) Chlorobenzene-d5	6.416	117	191893	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.835	152	109445	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.151	111	66484	29.74	ug/l	-0.02
Spiked Amount 30.000			Recovery =	99.13%		
32) 1,2-Dichloroethane-d4	4.388	102	14271	29.03	ug/l	-0.01
Spiked Amount 30.000			Recovery =	96.77%		
56) Toluene-d8	5.550	100	153456	28.56	ug/l	-0.01
Spiked Amount 30.000			Recovery =	95.20%		
64) Bromofluorobenzene	7.116	174	93696	29.29	ug/l	-0.01
Spiked Amount 30.000			Recovery =	97.63%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.326	51	3656	0.83	ug/l	59
3) Dichlorodifluoromethane	1.309	85	2146	0.88	ug/l	88
4) Chloromethane	1.443	50	1545m	1.03	ug/l	
5) Bromomethane	1.759	94	694m	1.27	ug/l	
6) Vinyl Chloride	1.509	62	1445	0.97	ug/l	91
7) Chloroethane	1.843	64	678	1.13	ug/l	44
8) Trichlorofluoromethane	2.026	101	1015	0.83	ug/l	66
9) 1,1,2-Trichloro-1,2,2-...	2.408	101	842m	0.66	ug/l	
10) Methylene Chloride	2.782	84	2053	0.92	ug/l	93
11) Acrolein	2.343	56	781m	3.23	ug/l	
12) Acrylonitrile	2.989	53	890m	0.72	ug/l	
13) Iodomethane	2.536	142	2161	0.77	ug/l	92
14) Acetone	2.467	43	6671	4.97	ug/l	99
15) Carbon Disulfide	2.585	76	3347	0.49	ug/l	100
16) t-Butyl Alcohol	2.891	59	147m	0.66	ug/l	
17) n-Hexane	2.999	57	509m	0.42	ug/l	
18) Di-isopropyl-ether	3.383	45	8327	0.73	ug/l	76
19) 1,1-Dichloroethene	2.408	61	2923	0.72	ug/l	89
20) Methyl Acetate	2.703	43	2953	0.80	ug/l	100
21) Methyl-t-butyl ether	2.999	73	2620m	0.56	ug/l	
22) 1,1-Dichloroethane	3.334	63	3555	0.77	ug/l	82
23) trans-1,2-Dichloroethene	2.989	96	1518	0.80	ug/l	98
24) cis-1,2-Dichloroethene	3.806	61	3791	0.83	ug/l	87
25) Bromochloromethane	3.994	49	2553	0.78	ug/l	86
26) 2,2-Dichloropropane	3.816	77	1078	0.55	ug/l	75
27) 1,4-Dioxane	5.038	88	1147	30.09	ug/l	43
28) 1,1-Dichloropropene	4.279	75	1908	0.60	ug/l	86
29) Chloroform	4.043	83	3850	0.95	ug/l	78
31) Cyclohexane	4.210	56	1549m	0.49	ug/l	
33) 1,2-Dichloroethane	4.437	62	4238	0.97	ug/l	97
34) 2-Butanone	3.826	43	1543	0.67	ug/l	49
35) 1,1,1-Trichloroethane	4.171	97	1919	0.72	ug/l	96
36) Carbon Tetrachloride	4.289	117	1431	0.70	ug/l	90
37) Vinyl Acetate	3.373	43	8152	0.66	ug/l	100
38) Bromodichloromethane	5.116	83	3177	0.90	ug/l	96
39) Methylcyclohexane	4.929	83	706m	0.38	ug/l	
40) Dibromomethane	5.038	174	1909	0.89	ug/l	83
41) 1,2-Dichloropropane	4.959	63	2531	0.80	ug/l	100
42) Trichloroethene	4.811	130	2287	0.94	ug/l	94
43) Benzene	4.417	78	8685	0.90	ug/l	100
44) tert-Amyl methyl ether	4.476	73	2538m	0.51	ug/l	
46) Dibromochloromethane	6.072	129	2395	0.84	ug/l	91
47) 2-Chloroethylvinylether	5.284	63	926m	0.48	ug/l	
48) cis-1,3-Dichloropropene	5.382	75	2458	0.59	ug/l	81
49) trans-1,3-Dichloropropene	5.707	75	2154	0.57	ug/l	89
50) 1,1,2-Trichloroethane	5.825	97	2270	0.88	ug/l	97
51) 1,2-Dibromoethane	6.150	107	2668	0.94	ug/l	97
52) 1,3-Dichloropropane	5.934	76	4448	0.87	ug/l	98
53) 4-Methyl-2-Pentanone	5.471	43	2955	0.49	ug/l	96
54) 2-Hexanone	5.954	43	2167	0.47	ug/l	81
55) Tetrachloroethene	5.914	164	1702	0.86	ug/l	95
57) Toluene	5.589	92	7441	1.17	ug/l	94
58) 1,1,1,2-Tetrachloroethane	6.475	133	1993	0.94	ug/l	85
59) Chlorobenzene	6.436	112	8433	1.26	ug/l	94
61) Bromoform	6.938	173	1481	0.64	ug/l	97
62) Ethylbenzene	6.485	106	1756	0.64	ug/l	45
63) 1,1,2,2-Tetrachloroethane	7.185	83	4625	0.98	ug/l	87
65) Styrene	6.800	104	6359	0.84	ug/l	99
66) m&p-Xylenes	6.544	106	6690	1.67	ug/l	69

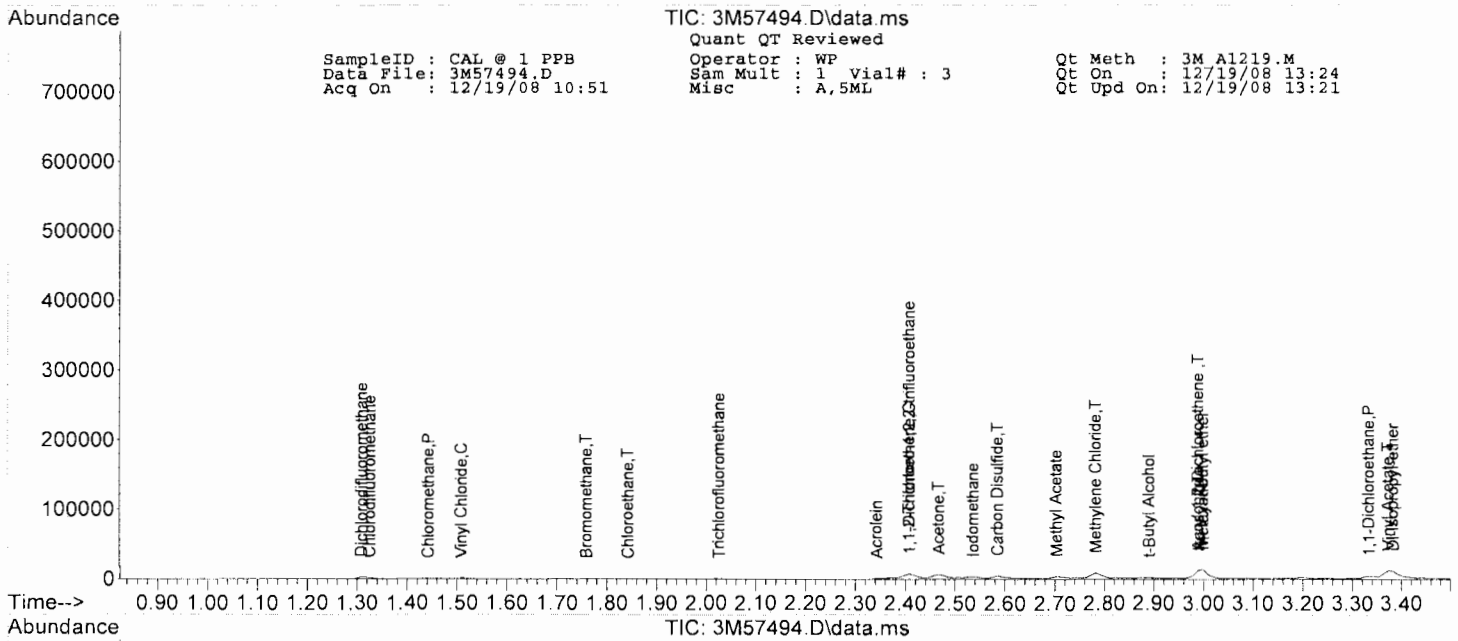
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57494.D Sam Mult : 1 Vial# : 3 Qt On : 12/19/08 13:24
Acq On : 12/19/08 10:51 Misc : A,5ML Qt Upd On: 12/19/08 13:21

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.791	106	3205	0.80 ug/l	55
68) trans-1,4-Dichloro-2-b...	7.214	53	1343m	0.81 ug/l	
69) 1,3-Dichlorobenzene	7.805	146	6773m	1.26 ug/l	
70) 1,4-Dichlorobenzene	7.854	146	8790m	1.60 ug/l	
71) 1,2-Dichlorobenzene	8.101	146	7719	1.43 ug/l	95
72) Isopropylbenzene	7.007	105	5659m	0.61 ug/l	
73) Cyclohexanone	7.116	55	204m	0.82 ug/l	
74) 1,2,3-Trichloropropane	7.224	75	4808m	0.92 ug/l	
75) 2-Chlorotoluene	7.332	91	6742	1.10 ug/l	96
76) p-Ethyltoluene	7.322	105	4201m	0.55 ug/l	
77) 4-Chlorotoluene	7.332	91	6742	0.95 ug/l	96
78) n-Propylbenzene	7.254	91	8393	0.72 ug/l	96
79) Bromobenzene	7.224	77	9220	1.17 ug/l	88
80) 1,3,5-Trimethylbenzene	7.352	105	10108	1.38 ug/l	79
81) t-Butylbenzene	7.569	119	3722m	0.60 ug/l	
82) 1,2,4-Trimethylbenzene	7.598	105	6543	0.81 ug/l	91
83) sec-Butylbenzene	7.697	105	4080m	0.53 ug/l	
84) 4-Isopropyltoluene	7.785	119	3552m	0.59 ug/l	
85) n-Butylbenzene	8.041	91	4194	0.57 ug/l	90
86) p-Diethylbenzene	8.022	119	1442	0.42 ug/l	93
87) 1,2,4,5-Tetramethylben...	8.524	119	2297	0.35 ug/l	94
88) 1,2-Dibromo-3-Chloropr...	8.593	157	446m	0.46 ug/l	
89) Hexachlorobutadiene	9.223	225	998m	0.65 ug/l	
90) 1,2,4-Trichlorobenzene	9.135	180	3249	1.07 ug/l	96
91) 1,2,3-Trichlorobenzene	9.469	180	3708	1.17 ug/l	94
92) Naphthalene	9.312	128	8824	0.85 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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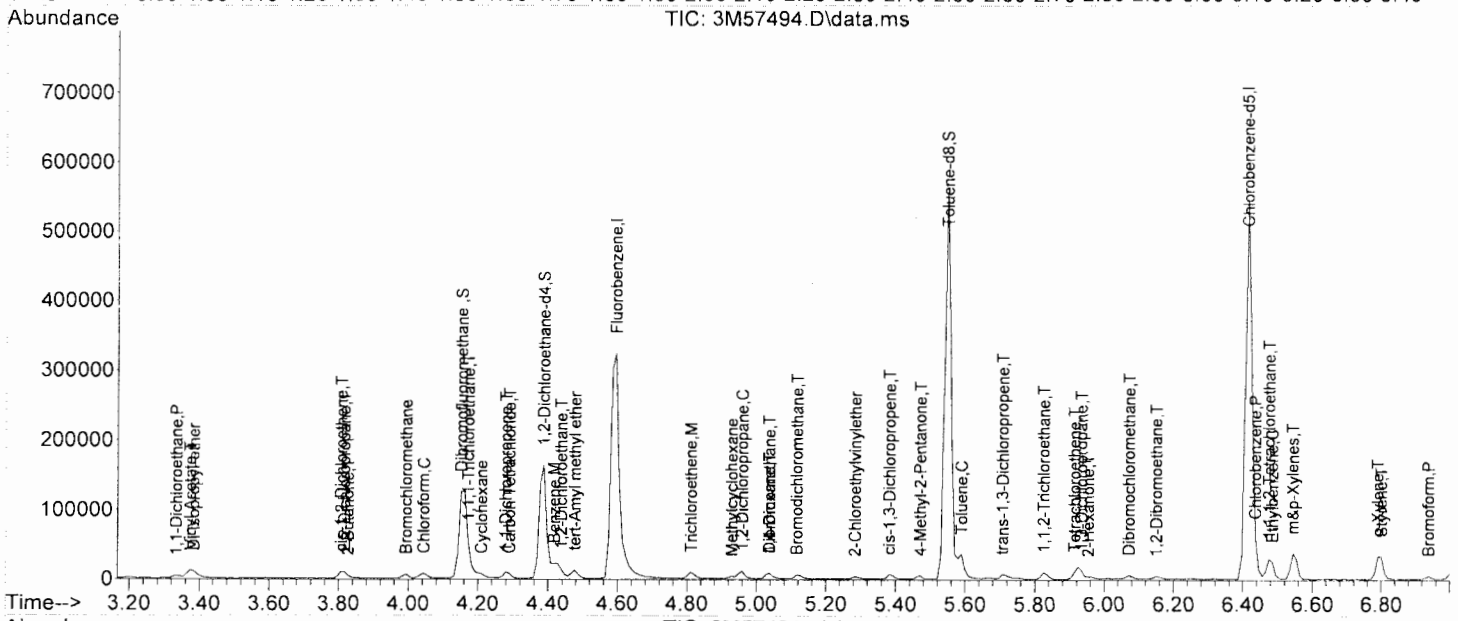
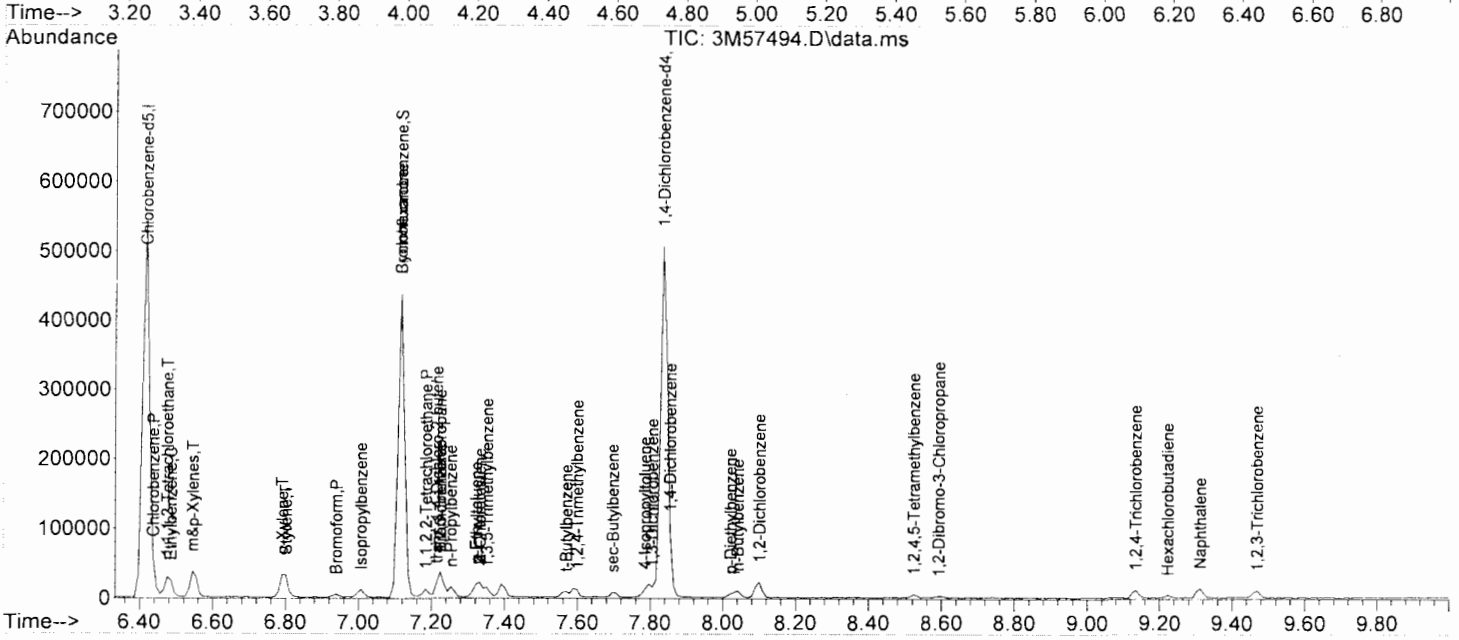
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 3M57494.D
Acq On : 12/19/08 10:51
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML
Qt Meth : 3M_A1219.M
Qt On : 12/19/08 13:24
Qt Upd On: 12/19/08 13:21
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M57494.D\data.ms
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 3M57494.D\data.ms
Chlorobenzene-d5,I
1,4-Dichlorobenzene-d4,
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
n-Propylbenzene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57495.D Sam Mult : 1 Vial# : 4 Qt On : 12/19/08 13:31
Acq On : 12/19/08 11:11 Misc : A,5ML Qt Upd On: 12/19/08 13:21

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	4.593	96	213791	30.00 ug/l	-0.01
45) Chlorobenzene-d5	6.415	117	190603	30.00 ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.844	152	105380	30.00 ug/l	0.00
System Monitoring Compounds					
30) Dibromofluoromethane	0.000	111	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
32) 1,2-Dichloroethane-d4	0.000	102	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
56) Toluene-d8	0.000	100	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
64) Bromofluorobenzene	0.000	174	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
Target Compounds					Qvalue
2) Chlorodifluoromethane	0.000		0	N.D. d	
3) Dichlorodifluoromethane	0.000		0	N.D. d	
4) Chloromethane	0.000		0	N.D. d	
5) Bromomethane	0.000		0	N.D.	
6) Vinyl Chloride	0.000		0	N.D.	
7) Chloroethane	0.000		0	N.D.	
8) Trichlorofluoromethane	0.000		0	N.D.	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D.	
10) Methylene Chloride	0.000		0	N.D. d	
11) Acrolein	0.000		0	N.D.	
12) Acrylonitrile	0.000		0	N.D.	
13) Iodomethane	0.000		0	N.D. d	
14) Acetone	0.000		0	N.D. d	
15) Carbon Disulfide	0.000		0	N.D. d	
16) t-Butyl Alcohol	0.000		0	N.D.	
17) n-Hexane	0.000		0	N.D.	
18) Di-isopropyl-ether	0.000		0	N.D. d	
19) 1,1-Dichloroethene	0.000		0	N.D. d	
20) Methyl Acetate	0.000		0	N.D. d	
21) Methyl-t-butyl ether	2.998	73	1393	0.32 ug/l #	34
22) 1,1-Dichloroethane	0.000		0	N.D. d	
23) trans-1,2-Dichloroethene	0.000		0	N.D.	
24) cis-1,2-Dichloroethene	0.000		0	N.D. d	
25) Bromochloromethane	0.000		0	N.D. d	
26) 2,2-Dichloropropane	0.000		0	N.D.	
27) 1,4-Dioxane	0.000		0	N.D.	
28) 1,1-Dichloropropene	0.000		0	N.D. d	
29) Chloroform	0.000		0	N.D. d	
31) Cyclohexane	0.000		0	N.D.	
33) 1,2-Dichloroethane	4.436	62	2427	0.59 ug/l	86
34) 2-Butanone	0.000		0	N.D.	
35) 1,1,1-Trichloroethane	0.000		0	N.D.	
36) Carbon Tetrachloride	0.000		0	N.D.	
37) Vinyl Acetate	0.000		0	N.D. d	
38) Bromodichloromethane	0.000		0	N.D. d	
39) Methylcyclohexane	0.000		0	N.D. d	
40) Dibromomethane	0.000		0	N.D. d	
41) 1,2-Dichloropropane	0.000		0	N.D. d	
42) Trichloroethene	0.000		0	N.D. d	
43) Benzene	4.426	78	4136	0.45 ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D. d	
46) Dibromochloromethane	0.000		0	N.D. d	
47) 2-Chloroethylvinylether	0.000		0	N.D.	
48) cis-1,3-Dichloropropene	0.000		0	N.D. d	
49) trans-1,3-Dichloropropene	0.000		0	N.D. d	
50) 1,1,2-Trichloroethane	0.000		0	N.D. d	
51) 1,2-Dibromoethane	0.000		0	N.D. d	
52) 1,3-Dichloropropane	0.000		0	N.D. d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D. d	
54) 2-Hexanone	0.000		0	N.D. d	
55) Tetrachloroethene	0.000		0	N.D.	
57) Toluene	0.000		0	N.D. d	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Chlorobenzene	0.000		0	N.D. d	
61) Bromoform	0.000		0	N.D.	
62) Ethylbenzene	0.000		0	N.D. d	
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
65) Styrene	0.000		0	N.D. d	
66) m&p-Xylenes	0.000		0	N.D. d	

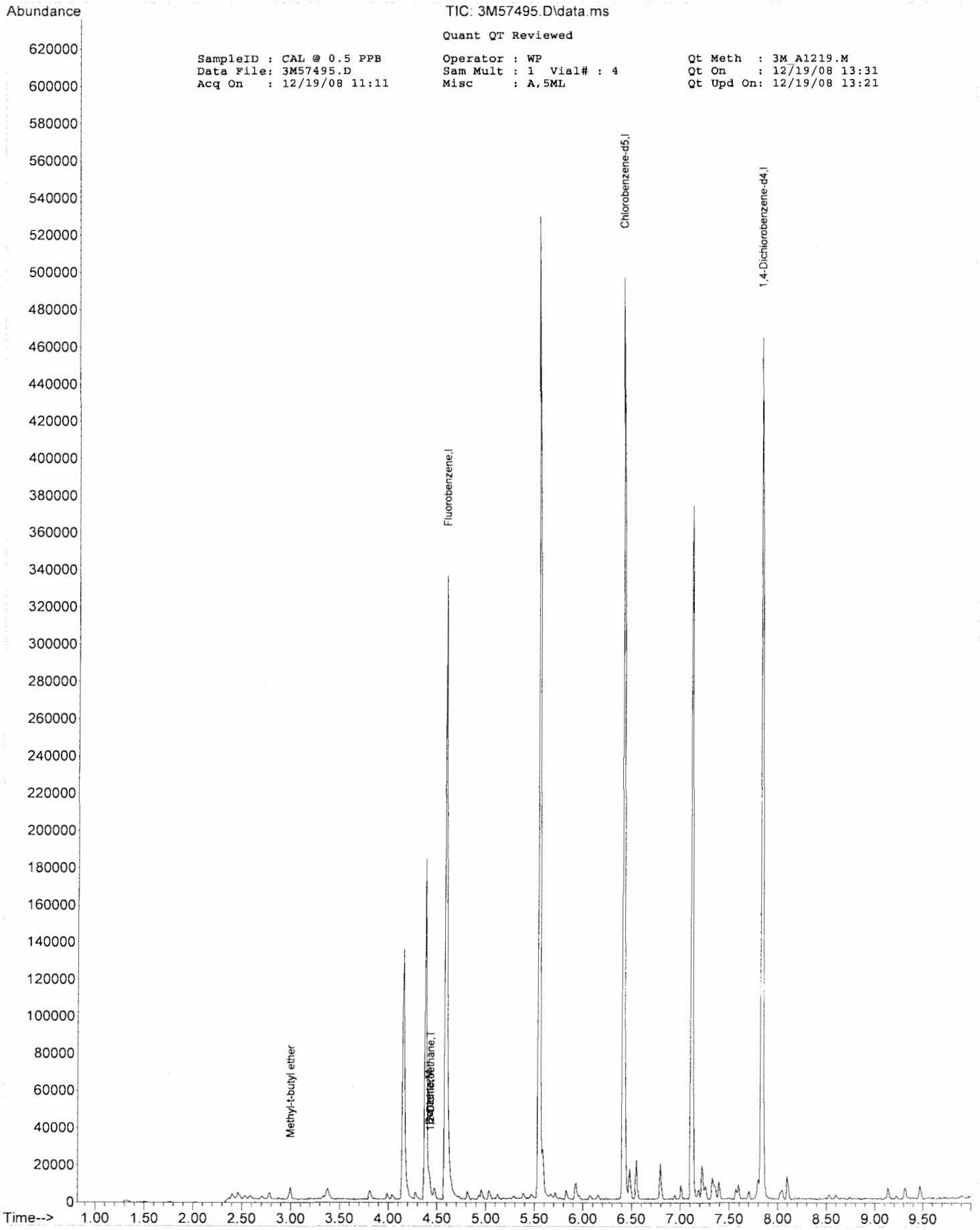
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M57495.D Sam Mult : 1 Vial# : 4 Qt On : 12/19/08 13:31
Acq On : 12/19/08 11:11 Misc : A,5ML Qt Upd On: 12/19/08 13:21

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	0.000		0	N.D.	d	
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
69) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
70) 1,4-Dichlorobenzene	0.000		0	N.D.	d	
71) 1,2-Dichlorobenzene	0.000		0	N.D.	d	
72) Isopropylbenzene	0.000		0	N.D.	d	
73) Cyclohexanone	0.000		0	N.D.		
74) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
75) 2-Chlorotoluene	0.000		0	N.D.	d	
76) p-Ethyltoluene	0.000		0	N.D.	d	
77) 4-Chlorotoluene	0.000		0	N.D.	d	
78) n-Propylbenzene	0.000		0	N.D.	d	
79) Bromobenzene	0.000		0	N.D.	d	
80) 1,3,5-Trimethylbenzene	0.000		0	N.D.	d	
81) t-Butylbenzene	0.000		0	N.D.	d	
82) 1,2,4-Trimethylbenzene	0.000		0	N.D.	d	
83) sec-Butylbenzene	0.000		0	N.D.	d	
84) 4-Isopropyltoluene	0.000		0	N.D.	d	
85) n-Butylbenzene	0.000		0	N.D.	d	
86) p-Diethylbenzene	0.000		0	N.D.	d	
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D.	d	
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.		
89) Hexachlorobutadiene	0.000		0	N.D.		
90) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
91) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d	
92) Naphthalene	0.000		0	N.D.	d	

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


Abundance
TIC: 3M57495.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 3M57495.D
Acq On : 12/19/08 11:11
Operator : WP
Sam Mult : 1 Vial# : 4
Misc : A,5ML
Qt Meth : 3M_A1219.M
Qt On : 12/19/08 13:31
Qt Upd On: 12/19/08 13:21
Methyl-t-butyl ether
Fluorobenzene,I
Chlorobenzene-d5,I
1,4-Dichlorobenzene-d4,I
Time-->

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M58164.	CAL @ 20 PPB	01/13/09 10:59	2	3M58159.	CAL @ 5 PPB	01/13/09 09:33
3	3M58165.	CAL @ 10 PPB	01/13/09 11:17	4	3M58163.	CAL @ 50 PPB	01/13/09 10:41
5	3M58162.	CAL @ 100 PPB	01/13/09 10:24	6	3M58161.	CAL @ 250 PPB	01/13/09 10:07
7	3M58160.	CAL @ 500 PPB	01/13/09 09:50	8	3M58157.	CAL @ 1 PPB	01/13/09 08:54
9	3M58158.	CAL @ 0.5 PPB	01/13/09 09:14				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.6952	0.5993	0.5763	0.6384	0.7142	0.6872	0.6895	0.6589	-----	0.657	1.38	1.00	1.00	7.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dichlorodifluoromethan	1	0	Avg	0.3040	0.2326	0.2865	0.2618	0.3098	0.2973	0.3111	0.2772	-----	0.285	1.33	0.999	1.00	9.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloromethane	1	0	Avg	0.1853	0.1894	0.1689	0.1647	0.1857	0.2021	0.2309	0.2258	-----	0.194	1.51	0.996	1.00	12	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromomethane	1	0	LinF	0.0526	0.0407	0.0350	0.0538	0.0540	-----	-----	0.0394	-----	0.0460	1.78	0.999	0.999	18		20.00	5.00	10.00	50.00	100.0			1.00	
Vinyl Chloride	1	0	Avg	0.1791	0.1511	0.1607	0.1669	0.1794	0.1846	0.2088	0.1654	-----	0.175	1.54	0.997	1.00	10	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroethane	1	0	LinF	0.0981	0.0986	0.0865	0.0797	0.0856	-----	-----	0.1291	-----	0.0963	1.86	0.997	0.998	18		20.00	5.00	10.00	50.00	100.0			1.00	
Trichlorofluoromethane	1	0	Avg	0.2161	0.1635	0.1766	0.1879	0.1935	0.1898	0.1843	0.1887	-----	0.188	2.04	1.00	1.00	8.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.2008	0.1434	0.1855	0.1890	0.2042	0.1771	0.1494	0.1878	-----	0.180	2.42	0.990	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylene Chloride	1	0	Avg	0.2934	0.2903	0.2608	0.2583	0.2865	0.2634	0.2525	0.3272	-----	0.279	2.80	0.999	1.00	9.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acrolein	1	0	Avg	0.0790	0.0740	0.0714	0.0757	0.0853	0.0794	0.0705	0.0658	-----	0.0752	2.36	0.996	1.00	8.1		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Acrylonitrile	1	0	Avg	0.1699	0.1495	0.1561	0.1613	0.1743	0.1521	0.1346	0.1093	-----	0.151	3.00	0.994	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Iodomethane	1	0	LinF	0.3978	0.2783	0.3161	0.3555	0.4063	0.3486	0.3177	0.2569	-----	0.335	2.55	0.996	0.999	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acetone	1	0	Avg	0.1743	0.1687	0.1639	0.1631	0.1816	0.1713	0.1579	0.1604	-----	0.168	2.47	0.998	1.00	4.7		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Carbon Disulfide	1	0	Avg	0.9006	0.7326	0.8857	0.8111	0.8845	0.8278	0.7866	1.0334	-----	0.858	2.60	0.999	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butyl Alcohol	1	0	LinF	0.0223	0.0167	0.0189	0.0222	0.0237	0.0218	0.0208	0.0094	-----	0.0195	2.89	0.999	1.00	24		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
n-Hexane	1	0	LinF	0.1646	0.0880	0.1480	0.1506	0.1750	0.1635	0.1548	0.1435	-----	0.149	3.21	0.999	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Di-isopropyl-ether	1	0	Avg	1.5161	1.2302	1.3855	1.3570	1.5245	1.3106	1.1242	1.0931	-----	1.32	3.39	0.991	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethene	1	0	Avg	0.5332	0.4261	0.4596	0.4938	0.5434	0.5061	0.4519	0.5372	-----	0.494	2.43	0.996	1.00	8.9	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl Acetate	1	0	Avg	0.4854	0.4214	0.4481	0.4567	0.5116	0.4954	0.4814	0.4322	-----	0.467	2.72	1.00	1.00	6.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl-t-butyl ether	1	0	Avg	0.4695	0.3841	0.4240	0.4380	0.4816	0.4173	0.3539	0.3873	0.4721	0.425	3.01	0.991	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
1.1-Dichloroethane	1	0	Avg	0.6028	0.5338	0.5496	0.5254	0.5884	0.5248	0.4852	0.5785	-----	0.549	3.35	0.997	1.00	7.1	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.2-Dichloroether	1	0	Avg	0.2506	0.2196	0.2287	0.2176	0.2305	0.1993	0.1786	0.2560	-----	0.223	3.01	0.995	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.2-Dichloroethene	1	0	Avg	0.6174	0.4859	0.5574	0.5496	0.5810	0.5088	0.4607	0.5489	-----	0.539	3.82	0.996	1.00	9.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromochloromethane	1	0	Avg	0.4504	0.4237	0.4313	0.3991	0.4246	0.3968	0.3961	0.4674	-----	0.424	4.00	1.00	1.00	6.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2.2-Dichloropropane	1	0	Avg	0.2255	0.1716	0.1873	0.2247	0.2603	0.2531	0.2371	0.2301	-----	0.224	3.82	0.999	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dioxane	1	0	LinF	0.0051	0.0035	0.0046	0.0045	0.0047	0.0038	-----	0.0028	-----	0.00419	5.05	0.991	1.00	19		1000.	250.0	500.0	2500.	5000.	1250		50.00	
1.1-Dichloropropene	1	0	Avg	0.4714	0.2857	0.4254	0.4042	0.4185	0.3475	-----	0.4024	-----	0.394	4.29	0.993	0.999	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Chloroform	1	0	Avg	0.5471	0.5104	0.5011	0.4937	0.5274	0.4674	0.4434	0.5216	-----	0.502	4.05	0.998	1.00	6.7	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromofluoromethane	1	0	Avg	0.3099	0.3239	0.3090	0.2940	0.3020	0.2644	0.2483	0.3344	-----	0.298	4.16	-1	-1	9.7		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Cyclohexane	1	0	LinF	0.4615	0.2298	0.4264	0.4347	0.4573	0.4141	0.3740	0.2703	-----	0.384	4.22	0.996	1.00	23		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloroethane-d4	1	0	Avg	0.0668	0.0681	0.0643	0.0613	0.0649	0.0619	0.0616	0.0650	-----	0.0643	4.40	-1	-1	3.9		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1.2-Dichloroethane	1	0	Avg	0.5920	0.5514	0.5502	0.5096	0.5423	0.4631	0.4093	0.5861	0.6196	0.536	4.43	0.994	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
2-Butanone	1	0	Avg	0.3317	0.2557	0.3022	0.2996	0.3172	0.2776	0.2565	0.2238	-----	0.283	3.83	0.997	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1-Trichloroethane	1	0	Avg	0.3606	0.2558	0.3309	0.3396	0.3655	0.3412	0.3185	0.3314	-----	0.330	4.18	0.998	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Carbon Tetrachloride	1	0	Avg	0.3229	0.2369	0.2940	0.3039	0.3197	0.2735	0.2286	0.3144	-----	0.287	4.29	0.989	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Vinyl Acetate	1	0	Avg	1.4914	1.2779	1.2971	1.3541	1.5219	1.3595	1.1490	1.2313	-----	1.34	3.38	0.991	1.00	9.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromodichloromethane	1	0	Avg	0.5030	0.4462	0.4595	0.4611	0.5109	0.4579	0.4125	0.4545	-----	0.463	5.12	0.996	1.00	6.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylcyclohexane	1	0	LinF	0.2739	0.1269	0.2578	0.2554	0.2706	0.2448	0.2164	0.2017	-----	0.231	4.94	0.995	1.00	21		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromomethane	1	0	LinF	0.3227	0.3086	0.3166	0.2837	0.2977	0.2401	-----	0.3141	-----	0.298	5.04	0.991	0.999	9.6		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.2-Dichloropropane	1	0	Avg	0.4372	0.3588	0.4013	0.3898	0.4247	0.3721	0.3169	0.3893	-----	0.386	4.96	0.991	1.00	9.8	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichloroethene	1	0	Avg	0.3457	0.2706	0.3293	0.2998	0.3190	0.2702	0.2270	0.3263	-----	0.299	4.82	0.989	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 13.2
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0111

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M58164.	CAL @ 20 PPB	01/13/09 10:59	2	3M58159.	CAL @ 5 PPB	01/13/09 09:33
3	3M58165.	CAL @ 10 PPB	01/13/09 11:17	4	3M58163.	CAL @ 50 PPB	01/13/09 10:41
5	3M58162.	CAL @ 100 PPB	01/13/09 10:24	6	3M58161.	CAL @ 250 PPB	01/13/09 10:07
7	3M58160.	CAL @ 500 PPB	01/13/09 09:50	8	3M58157.	CAL @ 1 PPB	01/13/09 08:54
9	3M58158.	CAL @ 0.5 PPB	01/13/09 09:14				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	Avg	1.2166	1.0715	1.1512	1.0760	1.1089	0.9248	-----	1.1388	1.3405	1.13	4.42	0.994	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0		1.00	0.50
tert-Amyl methyl ether	1	0	Avg	0.4217	0.3596	0.3934	0.3965	0.4310	0.3667	0.3177	0.3762	-----	0.383	4.48	0.992	1.00	9.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.4865	0.4244	0.4686	0.4837	0.5191	0.4931	0.4657	0.4085	-----	0.469	6.08	0.999	1.00	7.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chloroethylvinylether	1	0	LinF	0.2511	0.1716	0.1949	0.2464	0.2626	0.2647	0.2566	0.1762	-----	0.228	5.29	1.00	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.3-Dichloropropene	1	0	LinF	0.6472	0.4768	0.5504	0.6695	0.7169	0.6966	0.6620	0.4554	-----	0.609	5.39	0.999	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.3-Dichloroprope	1	0	LinF	0.5558	0.4292	0.4686	0.6006	0.6689	0.6526	0.6401	0.3673	-----	0.548	5.71	1.00	1.00	21		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloroethane	1	0	Avg	0.4070	0.3918	0.3811	0.3795	0.3816	0.3517	0.3232	0.3910	-----	0.376	5.83	0.998	1.00	7.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromoethane	1	0	Avg	0.4795	0.4248	0.4461	0.4635	0.4852	0.4551	0.4289	0.4417	-----	0.453	6.16	0.999	1.00	4.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichloropropane	1	0	Avg	0.7877	0.7382	0.7543	0.7337	0.7427	0.6437	0.5655	0.7107	-----	0.710	5.93	0.994	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Methyl-2-Pentanone	1	0	LinF	0.8882	0.6259	0.7995	0.8806	0.9314	0.9307	0.9208	0.5290	-----	0.813	5.47	1.00	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Hexanone	1	0	LinF	0.6912	0.5035	0.5974	0.6666	0.7207	0.7209	0.7116	0.3621	-----	0.622	5.96	1.00	1.00	21		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Tetrachloroethene	1	0	Avg	0.3384	0.2593	0.3178	0.3040	0.3042	0.2593	0.2180	0.3204	-----	0.290	5.92	0.989	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Toluene-d8	1	0	Avg	0.7945	0.8190	0.8064	0.8233	0.8236	0.8596	0.9138	0.8495	-----	0.836	5.56	-1	-1	4.5		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	0.8936	0.8211	0.8695	0.8500	0.8414	0.7303	0.6237	0.9600	-----	0.824	5.60	0.991	1.00	13	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.3487	0.3154	0.3419	0.3302	0.3306	0.2729	0.2187	0.3320	-----	0.311	6.48	0.982	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chlorobenzene	1	0	Avg	1.0494	0.9811	1.0148	0.9644	0.9765	0.8578	0.7327	1.0790	-----	0.957	6.43	0.992	1.00	12	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromoform	1	0	Avg	0.7146	0.5649	0.6064	0.7023	0.7727	0.7963	0.7746	0.5725	-----	0.688	6.95	1.00	1.00	14	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethylbenzene	1	0	Avg	0.6401	0.5783	0.6832	0.5708	0.5206	0.4113	-----	0.5961	-----	0.572	6.48	0.987	1.00	15	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	1.2692	1.1713	1.1410	1.1549	1.2013	1.1601	1.0779	1.1589	-----	1.17	7.19	0.999	1.00	4.6	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromofluorobenzene	1	0	Avg	0.8892	0.8466	0.8748	0.8783	0.8991	0.9802	1.0736	0.9092	-----	0.919	7.12	-1	-1	8.0		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	1.9408	1.5313	1.7834	1.7179	1.6835	1.3634	-----	1.2901	-----	1.62	6.81	0.991	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
m&p-Xylenes	1	0	Avg	1.0533	0.8376	0.9419	0.8989	0.8568	0.6764	-----	0.9198	-----	0.884	6.55	0.988	1.00	13		40.00	10.00	20.00	100.0	200.0	500.0		2.00	
o-Xylene	1	0	Avg	1.0742	0.8030	0.9931	0.9363	0.9100	0.7369	-----	0.7710	-----	0.889	6.80	0.990	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
trans-1.4-Dichloro-2-bu	1	0	Avg	0.5532	0.4583	0.4901	0.4897	0.4976	0.4482	0.3764	0.3950	-----	0.464	7.22	0.991	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichlorobenzene	1	0	Avg	1.4446	1.2707	1.3624	1.2841	1.2919	1.1469	0.9705	1.4837	-----	1.28	7.80	0.991	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dichlorobenzene	1	0	Avg	1.5244	1.3957	1.3860	1.3255	1.3604	1.2446	1.0862	1.6465	-----	1.37	7.86	0.994	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichlorobenzene	1	0	Avg	1.4654	1.2423	1.3388	1.3098	1.3553	1.2573	1.1146	1.3027	-----	1.30	8.11	0.996	1.00	7.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Isopropylbenzene	1	0	LinF	2.4472	1.5258	2.1086	2.2656	2.3045	2.1461	1.8378	1.7084	-----	2.04	7.02	0.993	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	Avg	0.0929	0.1284	0.0870	0.0927	0.1032	0.1033	0.1087	-----	-----	0.102	7.09	0.999	1.00	13		10.00	2.50	5.00	25.00	50.00	125.0	250.0		
1.2.3-Trichloropropane	1	0	Avg	1.4123	1.2337	1.2571	1.2745	1.3248	1.1535	0.9167	1.2248	-----	1.22	7.23	0.983	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chlorotoluene	1	0	Avg	1.6883	1.5300	1.7522	1.4028	1.4090	1.2602	-----	1.4782	-----	1.50	7.33	0.998	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
p-Ethyltoluene	1	0	Avg	2.0481	1.5669	2.0015	1.8297	1.8123	1.5861	-----	1.4270	-----	1.75	7.32	0.996	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
4-Chlorotoluene	1	0	Avg	1.9021	1.3158	1.5818	1.6774	1.7202	1.4735	1.1981	1.4512	-----	1.54	7.40	0.985	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Propylbenzene	1	0	Avg	3.0704	2.2103	2.8043	2.7259	2.8207	2.6076	2.3347	2.3586	-----	2.62	7.26	0.996	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	Avg	2.0878	1.8220	1.8967	1.8532	1.8569	1.5856	1.2807	1.9501	-----	1.79	7.23	0.985	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3.5-Trimethylbenzene	1	0	Avg	1.9044	1.2796	1.7229	1.7484	1.7862	1.6086	1.3834	1.3833	-----	1.60	7.36	0.993	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butylbenzene	1	0	LinF	1.6697	1.0082	1.4584	1.5089	1.5622	1.4548	1.2540	1.0136	-----	1.37	7.57	0.993	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trimethylbenzene	1	0	Avg	2.0694	1.4803	1.9255	1.8955	1.9348	1.7940	1.5543	1.4158	-----	1.76	7.60	0.994	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	LinF	2.0348	1.1758	1.8640	1.8639	1.9321	1.8132	1.6278	1.3574	-----	1.71	7.70	0.997	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	LinF	1.6015	0.9126	1.4461	1.4755	1.5137	1.3933	1.1665	0.9851	-----	1.31	7.78	0.991	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Butylbenzene	1	0	LinF	1.9072	1.1352	1.8061	1.7626	1.7830	1.6756	1.5151	1.1528	-----	1.59	8.05	0.997	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 13.2
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0112

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M58164.	CAL @ 20 PPB	01/13/09 10:59	2	3M58159.	CAL @ 5 PPB	01/13/09 09:33
3	3M58165.	CAL @ 10 PPB	01/13/09 11:17	4	3M58163.	CAL @ 50 PPB	01/13/09 10:41
5	3M58162.	CAL @ 100 PPB	01/13/09 10:24	6	3M58161.	CAL @ 250 PPB	01/13/09 10:07
7	3M58160.	CAL @ 500 PPB	01/13/09 09:50	8	3M58157.	CAL @ 1 PPB	01/13/09 08:54
9	3M58158.	CAL @ 0.5 PPB	01/13/09 09:14				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	LinF	0.9035	0.5217	0.8069	0.8437	0.8900	0.8054	0.7199	0.4822	-----	0.747	8.03	0.996	1.00	22	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4.5-Tetramethylber	1	0	LinF	1.5746	0.8214	1.3310	1.4926	1.5963	1.4838	1.3243	0.7874	-----	1.30	8.53	0.996	1.00	25	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromo-3-Chloropr	1	0	LinF	0.2437	0.1747	0.2045	0.2439	0.2672	0.2845	0.2897	0.1268	-----	0.229	8.60	1.00	1.00	25	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Hexachlorobutadiene	1	0	LinF	0.4497	0.1974	0.4703	0.4033	0.3803	0.3337	0.2824	0.5711	-----	0.386	9.23	0.991	1.00	30	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trichlorobenzene	1	0	Avg	0.7805	0.5042	0.7038	0.7458	0.7718	0.7440	0.6705	0.5783	-----	0.687	9.14	0.997	1.00	14	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.3-Trichlorobenzene	1	0	LinF	0.8498	0.5685	0.7892	0.7693	0.7955	0.7474	0.6713	0.4839	-----	0.709	9.47	0.997	1.00	18	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Naphthalene	1	0	LinF	2.5372	1.4584	2.1679	2.3511	2.4430	2.2910	2.0401	1.1583	-----	2.06	9.32	0.996	1.00	24	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 13.2

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0113

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58164.D Sam Mult : 1 Vial# : 17 Qt On : 01/13/09 11:13
Acq On : 01/13/09 10:59 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	236488	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.424	117	200863	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.842	152	110172	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.159	111	73302	30.20	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.67%			
32) 1,2-Dichloroethane-d4	4.395	102	15807	30.41	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.37%			
56) Toluene-d8	5.557	100	159603	28.84	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.13%			
64) Bromofluorobenzene	7.123	174	97966	28.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.47%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.375	51	109618	22.38	ug/l	43
3) Dichlorodifluoromethane	1.325	85	47930	17.13	ug/l	93
4) Chloromethane	1.509	50	29214	15.93	ug/l	90
5) Bromomethane	1.775	94	8293	11.92	ug/l	96
6) Vinyl Chloride	1.542	62	28242	16.70	ug/l	96
7) Chloroethane	1.859	64	15479	22.81	ug/l	90
8) Trichlorofluoromethane	2.042	101	34073	24.01	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.416	101	31666	21.22	ug/l	94
10) Methylene Chloride	2.800	84	46267	19.95	ug/l	95
11) Acrolein	2.357	56	62282	287.53	ug/l	92
12) Acrylonitrile	2.997	53	26795	20.27	ug/l	100
13) Iodomethane	2.554	142	62726	21.69	ug/l	90
14) Acetone	2.475	43	137453	95.93	ug/l	91
15) Carbon Disulfide	2.603	76	141997	27.25	ug/l	100
16) t-Butyl Alcohol	2.888	59	17577	105.11	ug/l	89
17) n-Hexane	3.213	57	25961	23.43	ug/l	85
18) Di-isopropyl-ether	3.391	45	239027	21.33	ug/l	76
19) 1,1-Dichloroethene	2.426	61	84071	19.14	ug/l	83
20) Methyl Acetate	2.721	43	76528	18.05	ug/l	100
21) Methyl-t-butyl ether	3.007	73	74027	20.99	ug/l	82
22) 1,1-Dichloroethane	3.351	63	95043	20.45	ug/l	94
23) trans-1,2-Dichloroethene	3.007	96	39514	21.06	ug/l	91
24) cis-1,2-Dichloroethene	3.824	61	97353	20.60	ug/l	89
25) Bromochloromethane	4.001	49	71023	19.31	ug/l	94
26) 2,2-Dichloropropane	3.824	77	35556	19.38	ug/l	93
27) 1,4-Dioxane	5.045	88	40431	1071.77	ug/l	68
28) 1,1-Dichloropropene	4.287	75	74323	24.07	ug/l	97
29) Chloroform	4.051	83	86270	19.90	ug/l	98
31) Cyclohexane	4.218	56	72769	23.03	ug/l	75
33) 1,2-Dichloroethane	4.435	62	93335	20.25	ug/l	99
34) 2-Butanone	3.834	43	52308	21.33	ug/l	76
35) 1,1,1-Trichloroethane	4.179	97	56853	20.79	ug/l	97
36) Carbon Tetrachloride	4.287	117	50909	23.30	ug/l	88
37) Vinyl Acetate	3.381	43	235133	19.99	ug/l	100
38) Bromodichloromethane	5.124	83	79314	21.45	ug/l	93
39) Methylcyclohexane	4.937	83	43192	25.19	ug/l	71
40) Dibromomethane	5.035	174	50883	22.20	ug/l	97
41) 1,2-Dichloropropane	4.957	63	68932	21.65	ug/l	99
42) Trichloroethene	4.819	130	54513	21.78	ug/l	92
43) Benzene	4.425	78	191816	20.75	ug/l	100
44) tert-Amyl methyl ether	4.484	73	66499	19.92	ug/l	96
46) Dibromochloromethane	6.079	129	65153	21.69	ug/l	97
47) 2-Chloroethylvinylether	5.291	63	33633	20.78	ug/l	86
48) cis-1,3-Dichloropropene	5.390	75	86671	22.01	ug/l	95
49) trans-1,3-Dichloropropene	5.715	75	74431	21.07	ug/l	97
50) 1,1,2-Trichloroethane	5.833	97	54510	20.54	ug/l	93
51) 1,2-Dibromoethane	6.158	107	64220	22.46	ug/l	95
52) 1,3-Dichloropropane	5.932	76	105483	21.22	ug/l	94
53) 4-Methyl-2-Pentanone	5.469	43	118949	19.97	ug/l	89
54) 2-Hexanone	5.961	43	92561	20.25	ug/l	85
55) Tetrachloroethene	5.922	164	45322	23.24	ug/l	99
57) Toluene	5.597	92	119665	19.09	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.483	133	46701	23.09	ug/l	87
59) Chlorobenzene	6.434	112	140535	19.60	ug/l	94
61) Bromoform	6.946	173	52487	24.18	ug/l	97
62) Ethylbenzene	6.483	106	47016	18.92	ug/l	74
63) 1,1,2,2-Tetrachloroethane	7.192	83	93223	20.77	ug/l	87
65) Styrene	6.808	104	142550	20.83	ug/l	90
66) m&p-Xylenes	6.552	106	154738	43.16	ug/l	87

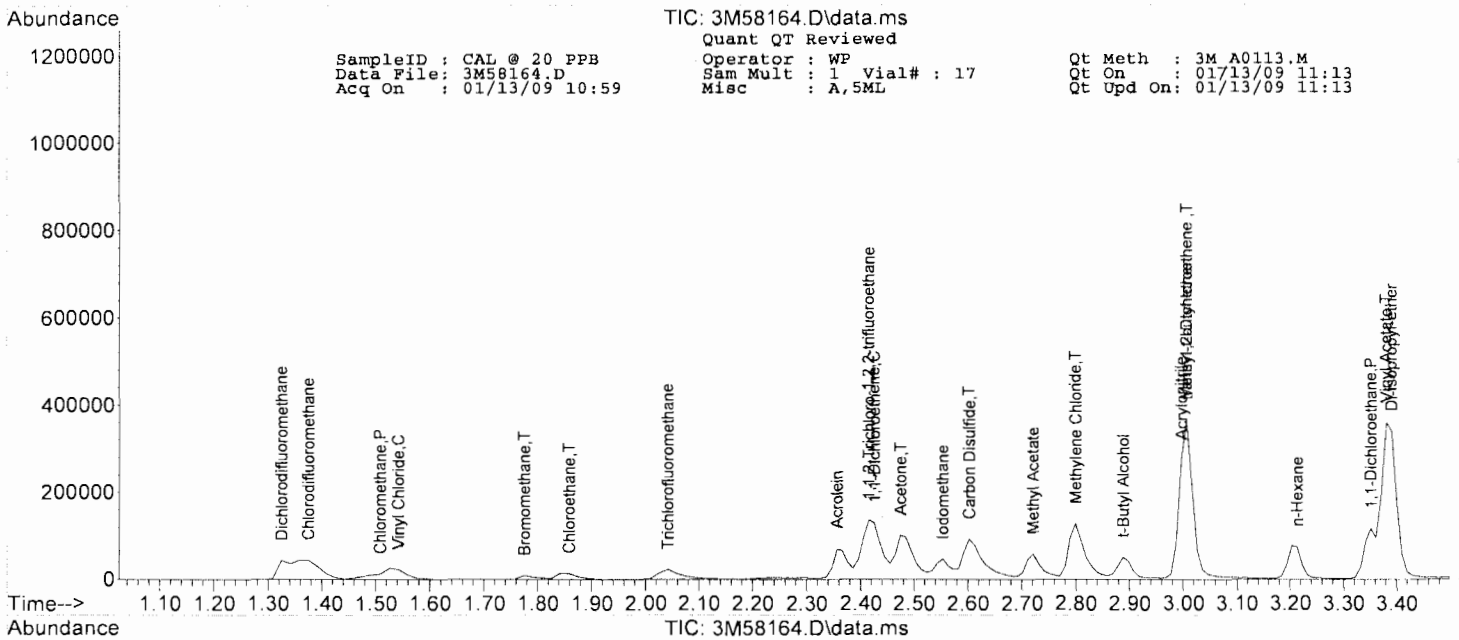
Quantitation Report (QT Reviewed)

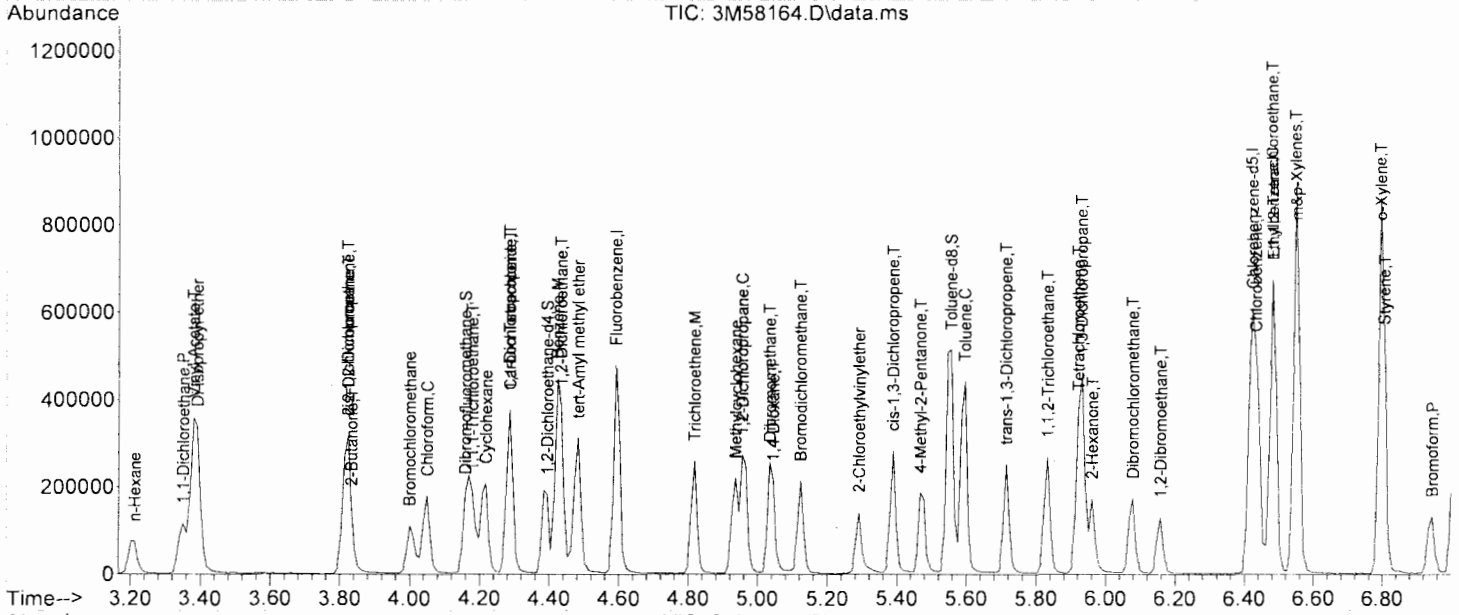
SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58164.D Sam Mult : 1 Vial# : 17 Qt On : 01/13/09 11:13
Acq On : 01/13/09 10:59 Misc : A,5ML Qt Upd On: 01/13/09 11:13

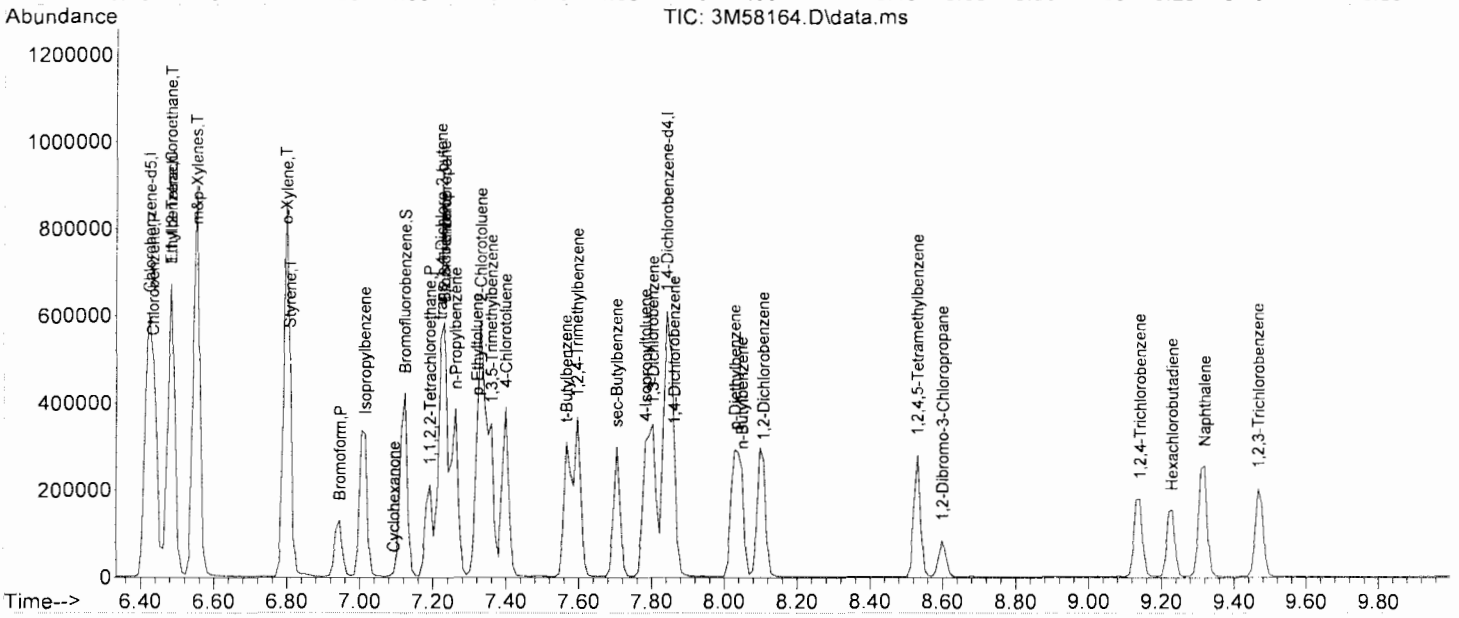
Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.798	106	78901	21.52 ug/l	83
68) trans-1,4-Dichloro-2-b...	7.222	53	40637	24.94 ug/l	46
69) 1,3-Dichlorobenzene	7.803	146	106103	19.76 ug/l	97
70) 1,4-Dichlorobenzene	7.862	146	111971	18.97 ug/l	94
71) 1,2-Dichlorobenzene	8.108	146	107631	19.17 ug/l	98
72) Isopropylbenzene	7.015	105	179743	21.62 ug/l	98
73) Cyclohexanone	7.094	55	3412	11.16 ug/l	86
74) 1,2,3-Trichloropropane	7.232	75	103732	22.19 ug/l	92
75) 2-Chlorotoluene	7.330	91	124007	19.43 ug/l	97
76) p-Ethyltoluene	7.320	105	150431	22.11 ug/l	90
77) 4-Chlorotoluene	7.399	91	139712	23.25 ug/l	96
78) n-Propylbenzene	7.261	91	225519	21.81 ug/l	96
79) Bromobenzene	7.232	77	153347	19.81 ug/l	84
80) 1,3,5-Trimethylbenzene	7.360	105	139875	22.61 ug/l	61
81) t-Butylbenzene	7.567	119	122636	22.33 ug/l	95
82) 1,2,4-Trimethylbenzene	7.596	105	151997	21.08 ug/l	95
83) sec-Butylbenzene	7.704	105	149453	22.96 ug/l	94
84) 4-Isopropyltoluene	7.783	119	117628	22.31 ug/l	98
85) n-Butylbenzene	8.049	91	140086	22.77 ug/l	98
86) p-Diethylbenzene	8.029	119	66367	23.41 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.532	119	115656	23.05 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.601	157	17899	20.22 ug/l	95
89) Hexachlorobutadiene	9.231	225	33030	25.38 ug/l	97
90) 1,2,4-Trichlorobenzene	9.142	180	57333	20.43 ug/l	98
91) 1,2,3-Trichlorobenzene	9.467	180	62419	20.90 ug/l	99
92) Naphthalene	9.320	128	186352	20.99 ug/l	100

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


Abundance
TIC: 3M58164.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 3M58164.D
Acq On : 01/13/09 10:59
Operator : WP
Sam Mult : 1 Vial# : 17
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:13
Qt Upd On: 01/13/09 11:13
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M58164.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Time-->


Abundance
TIC: 3M58164.D\data.ms
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
p-Ethyltoluene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB
Data File: 3M58159.D
Acq On : 01/13/09 09:33

Operator : WP
Sam Mult : 1 Vial# : 12
Misc : A,5ML

Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:23
Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	259241	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.414	117	208532	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.842	152	120338	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.158	111	83987	31.57	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.23%			
32) 1,2-Dichloroethane-d4	4.385	102	17662	31.00	ug/l	-0.01
Spiked Amount 30.000			Recovery = 103.33%			
56) Toluene-d8	5.547	100	170794	29.73	ug/l	-0.01
Spiked Amount 30.000			Recovery = 99.10%			
64) Bromofluorobenzene	7.123	174	101889	27.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.87%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.365	51	25895	4.82	ug/l	46
3) Dichlorodifluoromethane	1.331	85	10052	3.28	ug/l	100
4) Chloromethane	1.498	50	8187	4.07	ug/l	94
5) Bromomethane	1.781	94	1759	2.31	ug/l	59
6) Vinyl Chloride	1.531	62	6529	3.52	ug/l	90
7) Chloroethane	1.848	64	4261	5.73	ug/l	95
8) Trichlorofluoromethane	2.031	101	7065	4.54	ug/l	88
9) 1,1,2-Trichloro-1,2,2-...	2.405	101	6198	3.79	ug/l	97
10) Methylene Chloride	2.789	84	12545	4.93	ug/l	98
11) Acrolein	2.356	56	16001	67.39	ug/l	89
12) Acrylonitrile	2.996	53	6460	4.46	ug/l	94
13) Iodomethane	2.543	142	12027	3.79	ug/l	89
14) Acetone	2.474	43	36452	23.21	ug/l	93
15) Carbon Disulfide	2.602	76	31657	5.54	ug/l	100
16) t-Butyl Alcohol	2.888	59	3611	19.70	ug/l	46
17) n-Hexane	3.203	57	3805	3.13	ug/l	86
18) Di-isopropyl-ether	3.380	45	53156	4.33	ug/l	72
19) 1,1-Dichloroethene	2.415	61	18414	3.82	ug/l	84
20) Methyl Acetate	2.711	43	18208	3.92	ug/l	100
21) Methyl-t-butyl ether	3.006	73	16598	4.29	ug/l	77
22) 1,1-Dichloroethane	3.341	63	23064	4.53	ug/l	95
23) trans-1,2-Dichloroethene	3.006	96	9491	4.61	ug/l	92
24) cis-1,2-Dichloroethene	3.814	61	20995	4.05	ug/l	83
25) Bromochloromethane	4.001	49	18307	4.54	ug/l	91
26) 2,2-Dichloropropane	3.814	77	7415	3.69	ug/l	91
27) 1,4-Dioxane	5.045	88	7723	186.76	ug/l	71
28) 1,1-Dichloropropene	4.286	75	12347	3.65	ug/l	96
29) Chloroform	4.040	83	22055	4.64	ug/l	91
31) Cyclohexane	4.208	56	9929	2.87	ug/l	76
33) 1,2-Dichloroethane	4.434	62	23825	4.72	ug/l	97
34) 2-Butanone	3.833	43	11052	4.11	ug/l	77
35) 1,1,1-Trichloroethane	4.178	97	11053	3.69	ug/l	98
36) Carbon Tetrachloride	4.286	117	10239	4.27	ug/l	88
37) Vinyl Acetate	3.380	43	55215	4.28	ug/l	100
38) Bromodichloromethane	5.124	83	19281	4.76	ug/l	98
39) Methylcyclohexane	4.927	83	5483	2.92	ug/l	67
40) Dibromomethane	5.035	174	13335	5.31	ug/l	95
41) 1,2-Dichloropropane	4.956	63	15504	4.44	ug/l	99
42) Trichloroethene	4.818	130	11693	4.26	ug/l	96
43) Benzene	4.424	78	46299	4.57	ug/l	100
44) tert-Amyl methyl ether	4.474	73	15537	4.24	ug/l	99
46) Dibromochloromethane	6.069	129	14750	4.73	ug/l	99
47) 2-Chloroethylvinylether	5.291	63	5966	3.55	ug/l	86
48) cis-1,3-Dichloropropene	5.389	75	16574	4.06	ug/l	96
49) trans-1,3-Dichloropropene	5.714	75	14920	4.07	ug/l	100
50) 1,1,2-Trichloroethane	5.833	97	13618	4.94	ug/l	94
51) 1,2-Dibromoethane	6.148	107	14767	4.97	ug/l	88
52) 1,3-Dichloropropane	5.931	76	25658	4.97	ug/l	95
53) 4-Methyl-2-Pentanone	5.468	43	21756	3.52	ug/l	90
54) 2-Hexanone	5.961	43	17502	3.69	ug/l	80
55) Tetrachloroethene	5.921	164	9012	4.45	ug/l	95
57) Toluene	5.586	92	28539	4.39	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.473	133	10962	5.22	ug/l	86
59) Chlorobenzene	6.433	112	34100	4.58	ug/l	100
61) Bromoform	6.936	173	11330	4.78	ug/l	99
62) Ethylbenzene	6.483	106	11599	4.27	ug/l	78
63) 1,1,2,2-Tetrachloroethane	7.182	83	23493	4.79	ug/l	84
65) Styrene	6.798	104	30713	4.11	ug/l	96
66) m&p-Xylenes	6.552	106	33602	8.58	ug/l	95

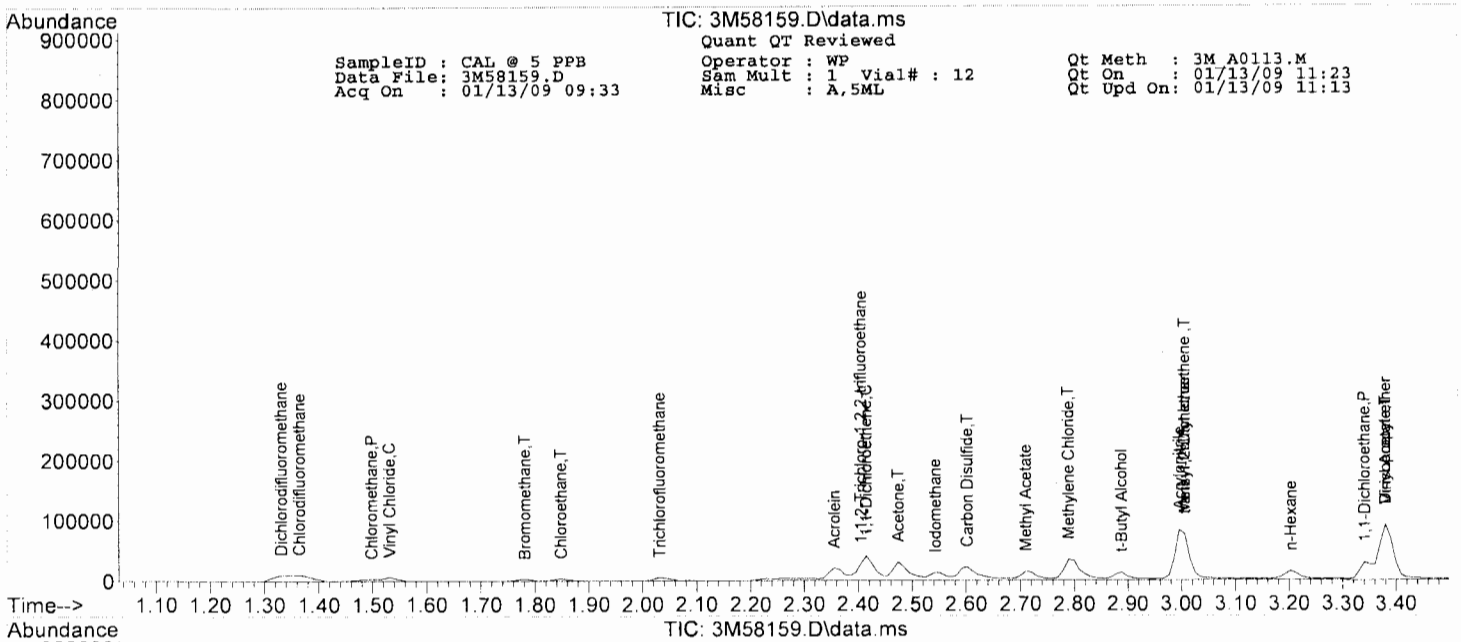
Quantitation Report (QT Reviewed)

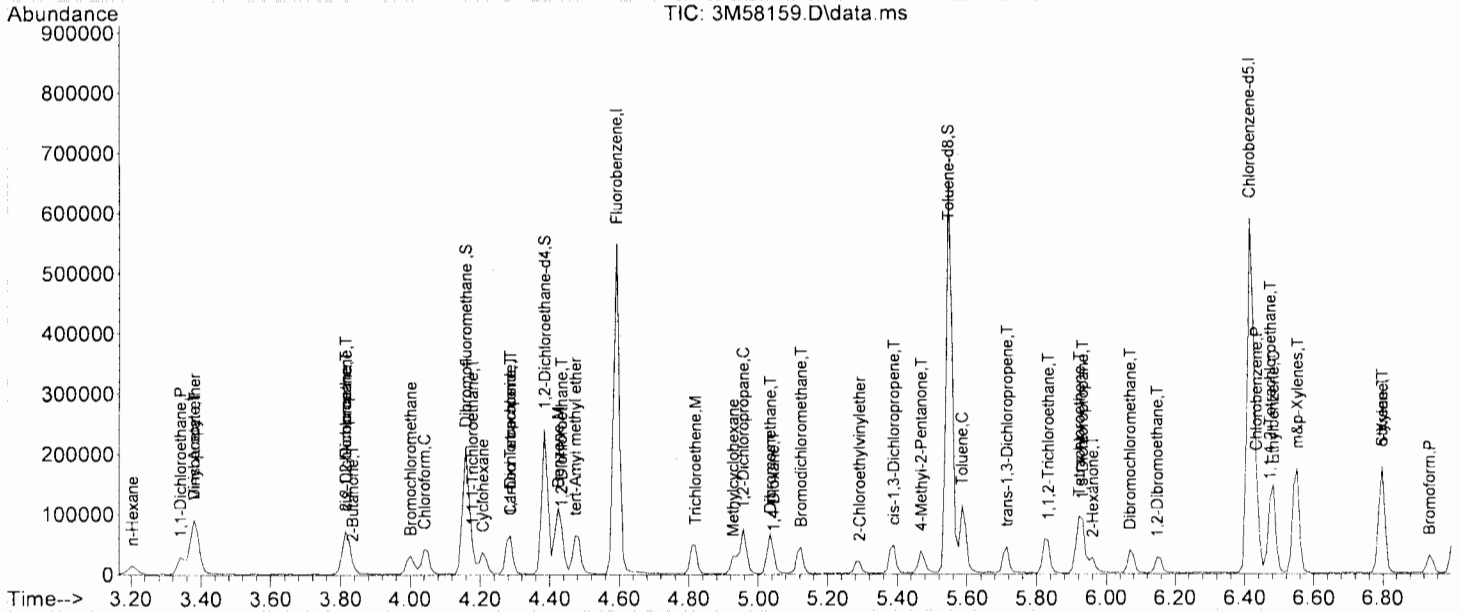
SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58159.D Sam Mult : 1 Vial# : 12 Qt On : 01/13/09 11:23
Acq On : 01/13/09 09:33 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.798	106	16107	4.02 ug/l	93
68) trans-1,4-Dichloro-2-b...	7.211	53	9193	5.17 ug/l	51
69) 1,3-Dichlorobenzene	7.802	146	25486	4.35 ug/l	95
70) 1,4-Dichlorobenzene	7.852	146	27994m	4.34 ug/l	
71) 1,2-Dichlorobenzene	8.098	146	24917	4.06 ug/l	98
72) Isopropylbenzene	7.005	105	30603	3.37 ug/l	97
73) Cyclohexanone	7.113	55	1288m	3.86 ug/l	
74) 1,2,3-Trichloropropane	7.221	75	24745	4.85 ug/l	94
75) 2-Chlorotoluene	7.330	91	30688	4.40 ug/l	96
76) p-Ethyltoluene	7.320	105	31428	4.23 ug/l	95
77) 4-Chlorotoluene	7.389	91	26392	4.02 ug/l	99
78) n-Propylbenzene	7.251	91	44332	3.92 ug/l	93
79) Bromobenzene	7.221	77	36544	4.32 ug/l	83
80) 1,3,5-Trimethylbenzene	7.349	105	25664	3.80 ug/l	52
81) t-Butylbenzene	7.566	119	20222	3.37 ug/l	91
82) 1,2,4-Trimethylbenzene	7.596	105	29690	3.77 ug/l	96
83) sec-Butylbenzene	7.704	105	23584	3.32 ug/l	97
84) 4-Isopropyltoluene	7.783	119	18305	3.18 ug/l	95
85) n-Butylbenzene	8.039	91	22768	3.39 ug/l	95
86) p-Diethylbenzene	8.019	119	10465	3.38 ug/l	93
87) 1,2,4,5-Tetramethylben...	8.531	119	16476	3.01 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.600	157	3504	3.62 ug/l	96
89) Hexachlorobutadiene	9.221	225	3960	2.79 ug/l	96
90) 1,2,4-Trichlorobenzene	9.132	180	10113	3.30 ug/l	97
91) 1,2,3-Trichlorobenzene	9.467	180	11402	3.50 ug/l	96
92) Naphthalene	9.309	128	29252	3.02 ug/l	100

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


TIC: 3M58159.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 3M58159.D
Acq On : 01/13/09 09:33
Operator : WP
Sam Mult : 1 Vial# : 12
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:23
Qt Upd On: 01/13/09 11:13
Abundance
Time-->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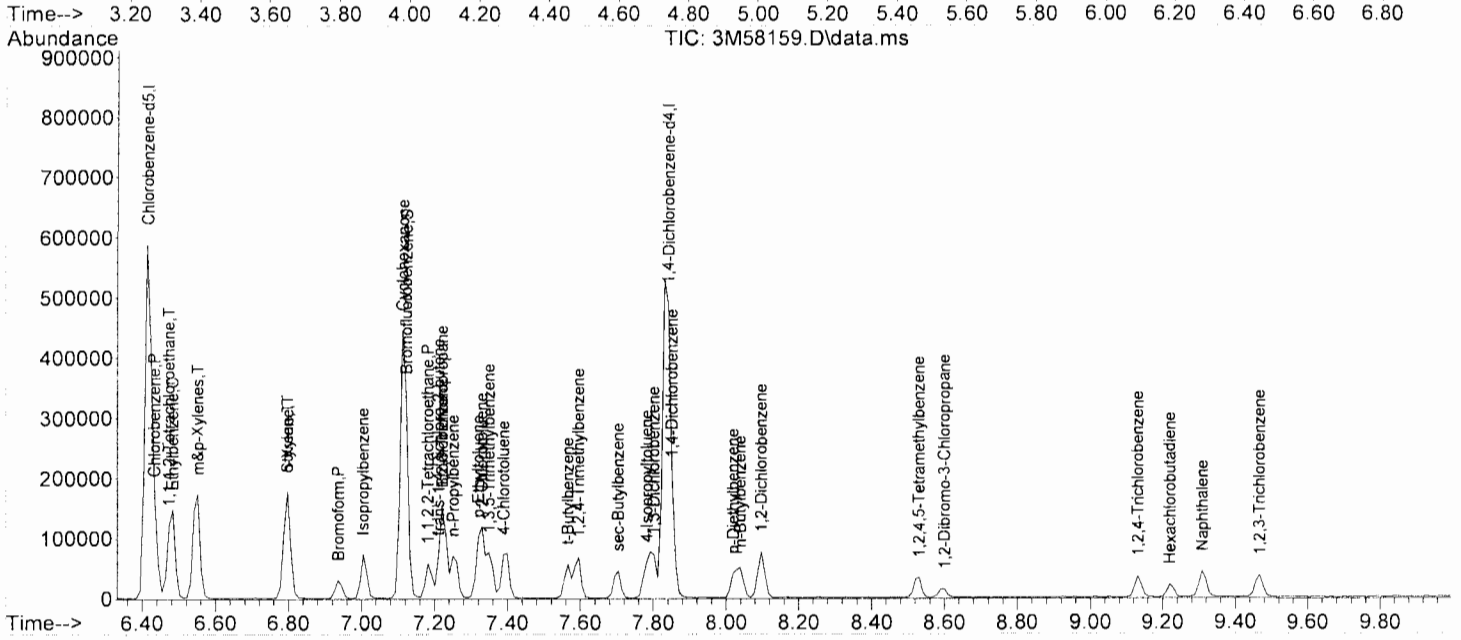
Abundance
Time-->


TIC: 3M58159.D\data.ms
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58165.D Sam Mult : 1 Vial# : 18 Qt On : 01/13/09 11:33
Acq On : 01/13/09 11:17 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.611	96	255347	30.00	ug/l	0.02
45) Chlorobenzene-d5	6.433	117	209783	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.861	152	119544	30.00	ug/l	0.02
System Monitoring Compounds						
30) Dibromofluoromethane	4.177	111	78910	30.11	ug/l	0.02
Spiked Amount 30.000			Recovery = 100.37%			
32) 1,2-Dichloroethane-d4	4.404	102	16439	29.29	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.63%			
56) Toluene-d8	5.566	100	169179	29.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.57%			
64) Bromofluorobenzene	7.142	174	104588	28.47	ug/l	0.02
Spiked Amount 30.000			Recovery = 94.90%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.376	51	49054	9.28	ug/l	52
3) Dichlorodifluoromethane	1.326	85	24388	8.07	ug/l	100
4) Chloromethane	1.509	50	14382	7.26	ug/l	91
5) Bromomethane	1.776	94	2986	3.98	ug/l	92
6) Vinyl Chloride	1.542	62	13685	7.49	ug/l	95
7) Chloroethane	1.859	64	7363	10.05	ug/l	96
8) Trichlorofluoromethane	2.042	101	15034	9.81	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.414	101	15789	9.80	ug/l	96
10) Methylene Chloride	2.808	84	22198	8.86	ug/l	95
11) Acrolein	2.365	56	30400	129.98	ug/l	94
12) Acrylonitrile	3.005	53	13289	9.31	ug/l	86
13) Iodomethane	2.552	142	26907	8.62	ug/l	97
14) Acetone	2.483	43	69769	45.10	ug/l	92
15) Carbon Disulfide	2.611	76	75389	13.40	ug/l	100
16) t-Butyl Alcohol	2.897	59	8049	44.58	ug/l	95
17) n-Hexane	3.212	57	12603	10.53	ug/l	83
18) Di-isopropyl-ether	3.399	45	117931	9.75	ug/l	76
19) 1,1-Dichloroethene	2.434	61	39120	8.25	ug/l	85
20) Methyl Acetate	2.720	43	38140	8.33	ug/l	100
21) Methyl-t-butyl ether	3.015	73	36095	9.48	ug/l	77
22) 1,1-Dichloroethane	3.360	63	46787	9.32	ug/l	98
23) trans-1,2-Dichloroethene	3.015	96	19469	9.61	ug/l	93
24) cis-1,2-Dichloroethene	3.833	61	47444	9.30	ug/l	88
25) Bromochloromethane	4.010	49	36712	9.24	ug/l	87
26) 2,2-Dichloropropane	3.833	77	15942	8.05	ug/l	96
27) 1,4-Dioxane	5.054	88	19827	486.77	ug/l	60
28) 1,1-Dichloropropene	4.295	75	36210	10.86	ug/l	94
29) Chloroform	4.059	83	42655	9.11	ug/l	97
31) Cyclohexane	4.227	56	36296	10.64	ug/l	73
33) 1,2-Dichloroethane	4.453	62	46838	9.41	ug/l	99
34) 2-Butanone	3.842	43	25723	9.71	ug/l	77
35) 1,1,1-Trichloroethane	4.187	97	28167	9.54	ug/l	94
36) Carbon Tetrachloride	4.305	117	25025	10.61	ug/l	87
37) Vinyl Acetate	3.389	43	110404	8.69	ug/l	100
38) Bromodichloromethane	5.133	83	39111	9.80	ug/l	98
39) Methylcyclohexane	4.946	83	21944	11.85	ug/l	76
40) Dibromomethane	5.054	174	26949	10.89	ug/l	91
41) 1,2-Dichloropropane	4.975	63	34157	9.93	ug/l	96
42) Trichloroethene	4.827	130	28032	10.37	ug/l	92
43) Benzene	4.433	78	97989	9.82	ug/l	100
44) tert-Amyl methyl ether	4.492	73	33490	9.29	ug/l	95
46) Dibromochloromethane	6.088	129	32771	10.45	ug/l	93
47) 2-Chloroethylvinylether	5.300	63	13634	8.07	ug/l	79
48) cis-1,3-Dichloropropene	5.399	75	38489	9.36	ug/l	94
49) trans-1,3-Dichloropropene	5.733	75	32768	8.88	ug/l	97
50) 1,1,2-Trichloroethane	5.852	97	26652	9.61	ug/l	95
51) 1,2-Dibromoethane	6.167	107	31197	10.45	ug/l	88
52) 1,3-Dichloropropane	5.950	76	52747	10.16	ug/l	94
53) 4-Methyl-2-Pentanone	5.487	43	55912	8.99	ug/l	89
54) 2-Hexanone	5.980	43	41775	8.75	ug/l	87
55) Tetrachloroethene	5.940	164	22226	10.91	ug/l	95
57) Toluene	5.605	92	60802	9.29	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.492	133	23914	11.32	ug/l	91
59) Chlorobenzene	6.452	112	70963	9.48	ug/l	95
61) Bromoform	6.955	173	24164	10.26	ug/l	99
62) Ethylbenzene	6.502	106	27224	10.10	ug/l	87
63) 1,1,2,2-Tetrachloroethane	7.201	83	45470	9.34	ug/l	88
65) Styrene	6.817	104	71066	9.57	ug/l	97
66) m&p-Xylenes	6.571	106	75066	19.30	ug/l	88

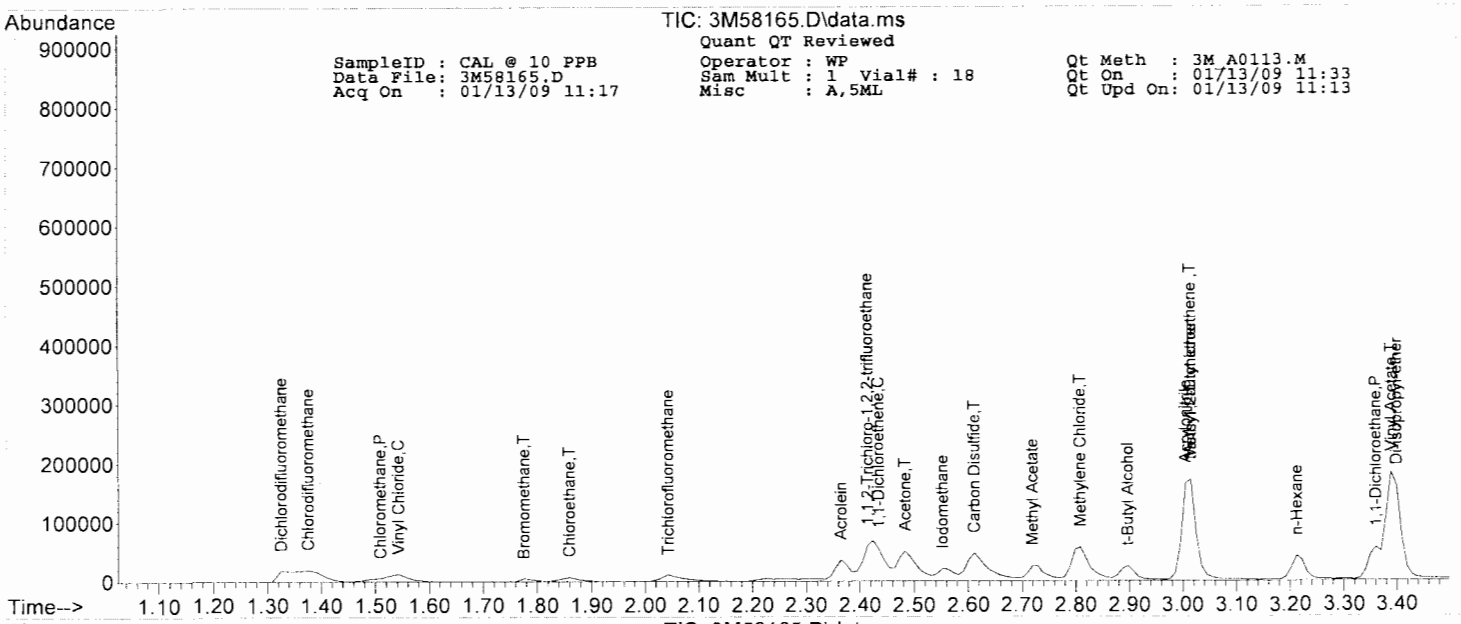
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58165.D Sam Mult : 1 Vial# : 18 Qt On : 01/13/09 11:33
Acq On : 01/13/09 11:17 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.817	106	39574	9.95 ug/l	87
68) trans-1,4-Dichloro-2-b...	7.230	53	19533	11.05 ug/l	46
69) 1,3-Dichlorobenzene	7.821	146	54289	9.32 ug/l	97
70) 1,4-Dichlorobenzene	7.871	146	55231	8.62 ug/l	89
71) 1,2-Dichlorobenzene	8.117	146	53351	8.76 ug/l	97
72) Isopropylbenzene	7.024	105	84024	9.31 ug/l	98
73) Cyclohexanone	7.112	55	1735	5.23 ug/l #	73
74) 1,2,3-Trichloropropane	7.240	75	50093	9.88 ug/l	95
75) 2-Chlorotoluene	7.349	91	69824	10.08 ug/l	93
76) p-Ethyltoluene	7.339	105	79757	10.80 ug/l	93
77) 4-Chlorotoluene	7.418	91	63032	9.67 ug/l	98
78) n-Propylbenzene	7.280	91	111746	9.96 ug/l	96
79) Bromobenzene	7.240	77	75580	9.00 ug/l	86
80) 1,3,5-Trimethylbenzene	7.368	105	68654	10.23 ug/l	60
81) t-Butylbenzene	7.585	119	58117	9.75 ug/l	95
82) 1,2,4-Trimethylbenzene	7.615	105	76731	9.81 ug/l	95
83) sec-Butylbenzene	7.723	105	74279	10.52 ug/l	94
84) 4-Isopropyltoluene	7.802	119	57625	10.07 ug/l	98
85) n-Butylbenzene	8.058	91	71973	10.78 ug/l	96
86) p-Diethylbenzene	8.048	119	32156	10.45 ug/l	94
87) 1,2,4,5-Tetramethylben...	8.550	119	53038	9.74 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.619	157	8152	8.49 ug/l	92
89) Hexachlorobutadiene	9.240	225	18744	13.28 ug/l	96
90) 1,2,4-Trichlorobenzene	9.151	180	28047	9.21 ug/l	99
91) 1,2,3-Trichlorobenzene	9.486	180	31451	9.70 ug/l	99
92) Naphthalene	9.328	128	86388	8.97 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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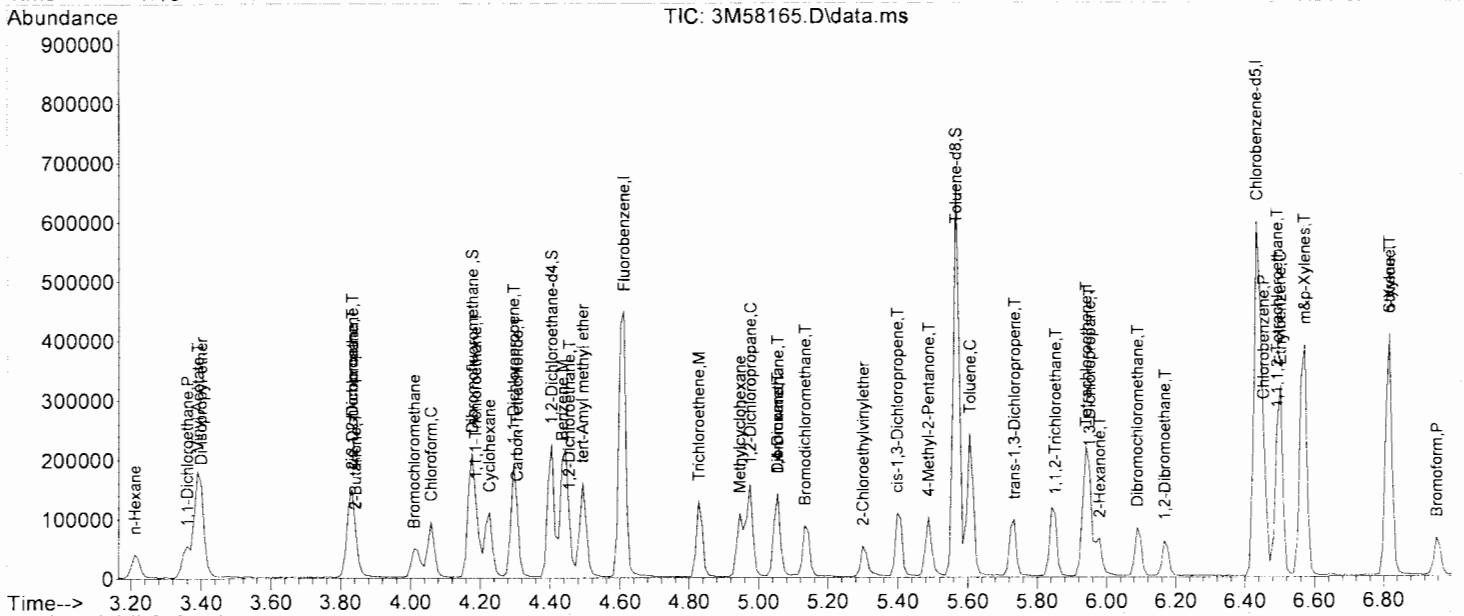
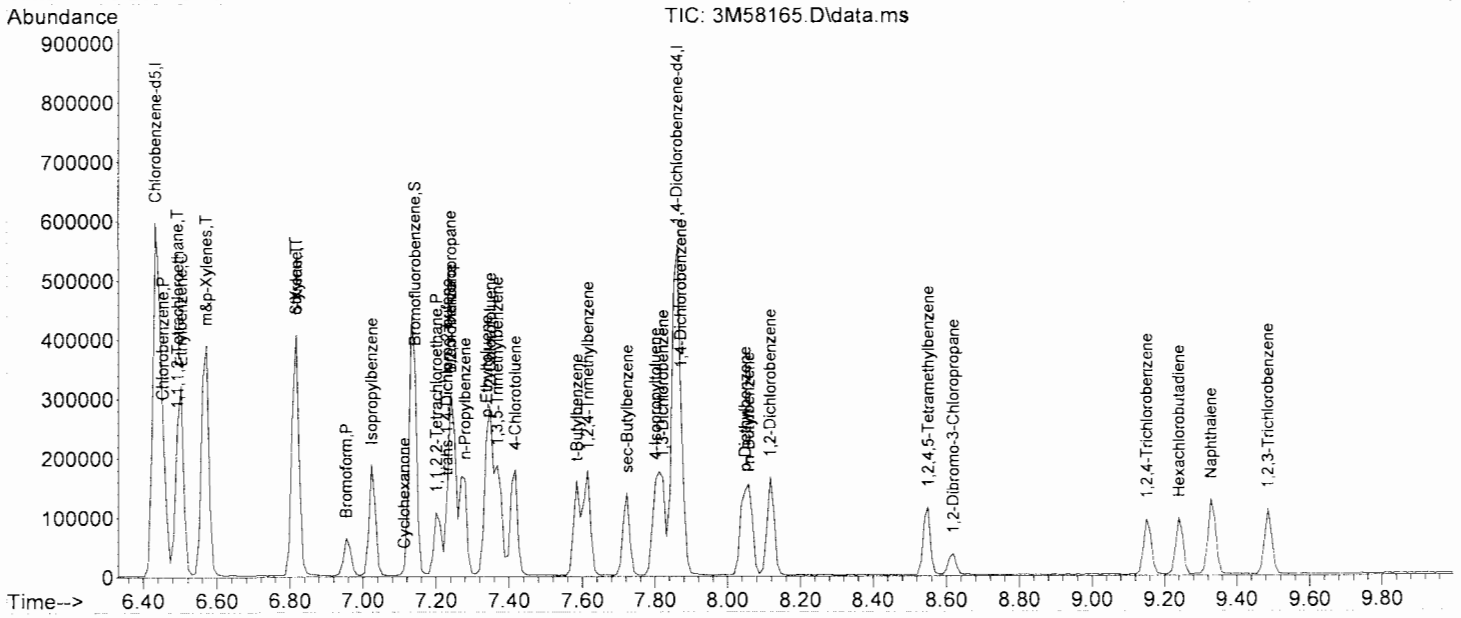
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 3M58165.D
Acq On : 01/13/09 11:17
Operator : WP
Sam Mult : 1 Vial# : 18
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:33
Qt Upd On: 01/13/09 11:13
Abundance
Time-->


TIC: 3M58165.D\data.ms
Abundance
Time-->


TIC: 3M58165.D\data.ms
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 3M58163.D
Acq On : 01/13/09 10:41

Operator : WP
Sam Mult : 1 Vial# : 16
Misc : A,5ML

Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:31
Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.591	96	245393	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.423	117	198482	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.842	152	112839	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.168	111	72162	28.66	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.53%		
32) 1,2-Dichloroethane-d4	4.394	102	15043	27.89	ug/l	0.00
Spiked Amount 30.000			Recovery =	92.97%		
56) Toluene-d8	5.557	100	163420	29.88	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.60%		
64) Bromofluorobenzene	7.123	174	99115	28.59	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.30%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.380	51	261131	51.38	ug/l	45
3) Dichlorodifluoromethane	1.330	85	107106	36.88	ug/l	94
4) Chloromethane	1.513	50	67378	35.40	ug/l	84
5) Bromomethane	1.780	94	22011	30.49	ug/l	99
6) Vinyl Chloride	1.530	62	68280	38.91	ug/l	95
7) Chloroethane	1.847	64	32606	46.30	ug/l	100
8) Trichlorofluoromethane	2.047	101	76851	52.19	ug/l	100
9) 1,1,2-Trichloro-1,2,2-...	2.415	101	77332	49.95	ug/l	94
10) Methylene Chloride	2.799	84	105659	43.91	ug/l	96
11) Acrolein	2.366	56	154982	689.52	ug/l	98
12) Acrylonitrile	3.006	53	65990	48.10	ug/l	93
13) Iodomethane	2.553	142	145405	48.46	ug/l	85
14) Acetone	2.484	43	333545	224.33	ug/l	93
15) Carbon Disulfide	2.602	76	331746	61.35	ug/l	100
16) t-Butyl Alcohol	2.897	59	45517	262.31	ug/l	98
17) n-Hexane	3.213	57	61623	53.59	ug/l	85
18) Di-isopropyl-ether	3.390	45	555001	47.74	ug/l	75
19) 1,1-Dichloroethene	2.425	61	201982	44.32	ug/l	82
20) Methyl Acetate	2.720	43	186794	42.46	ug/l	100
21) Methyl-t-butyl ether	3.006	73	179152	48.96	ug/l	85
22) 1,1-Dichloroethane	3.351	63	214882	44.55	ug/l	97
23) trans-1,2-Dichloroethene	3.006	96	89003	45.71	ug/l	83
24) cis-1,2-Dichloroethene	3.823	61	224782	45.84	ug/l	84
25) Bromochloromethane	4.001	49	163243	42.77	ug/l	89
26) 2,2-Dichloropropane	3.823	77	91905	48.28	ug/l	91
27) 1,4-Dioxane	5.045	88	93872	2398.11	ug/l	71
28) 1,1-Dichloropropene	4.286	75	165318	51.59	ug/l	96
29) Chloroform	4.050	83	201930	44.88	ug/l	96
31) Cyclohexane	4.217	56	177823	54.24	ug/l	75
33) 1,2-Dichloroethane	4.434	62	208432	43.58	ug/l	100
34) 2-Butanone	3.833	43	122565	48.16	ug/l	74
35) 1,1,1-Trichloroethane	4.178	97	138902	48.95	ug/l	100
36) Carbon Tetrachloride	4.286	117	124313	54.83	ug/l	91
37) Vinyl Acetate	3.380	43	553832	45.37	ug/l	100
38) Bromodichloromethane	5.123	83	188583	49.15	ug/l	95
39) Methylcyclohexane	4.936	83	104469	58.71	ug/l	75
40) Dibromomethane	5.045	174	116055	48.79	ug/l	93
41) 1,2-Dichloropropane	4.966	63	159433	48.25	ug/l	93
42) Trichloroethene	4.818	130	122634	47.23	ug/l	95
43) Benzene	4.424	78	440096	45.88	ug/l	100
44) tert-Amyl methyl ether	4.483	73	162179	46.81	ug/l	98
46) Dibromochloromethane	6.079	129	160019	53.92	ug/l	98
47) 2-Chloroethylvinylether	5.291	63	81520	50.98	ug/l	82
48) cis-1,3-Dichloropropene	5.389	75	221479	56.93	ug/l	94
49) trans-1,3-Dichloropropene	5.714	75	198679	56.92	ug/l	97
50) 1,1,2-Trichloroethane	5.832	97	125558	47.88	ug/l	94
51) 1,2-Dibromoethane	6.157	107	153349	54.28	ug/l	94
52) 1,3-Dichloropropane	5.931	76	242713	49.41	ug/l	94
53) 4-Methyl-2-Pentanone	5.468	43	291326	49.48	ug/l	89
54) 2-Hexanone	5.960	43	220541	48.83	ug/l	86
55) Tetrachloroethene	5.921	164	100583	52.20	ug/l	99
57) Toluene	5.596	92	281207	45.40	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.482	133	109231	54.65	ug/l	94
59) Chlorobenzene	6.433	112	319054	45.03	ug/l	96
61) Bromoform	6.945	173	132084	59.41	ug/l	96
62) Ethylbenzene	6.482	106	107352	42.18	ug/l	79
63) 1,1,2,2-Tetrachloroethane	7.192	83	217196	47.25	ug/l	86
65) Styrene	6.807	104	323085	46.09	ug/l	95
66) m&p-Xylenes	6.551	106	338126	92.09	ug/l	88

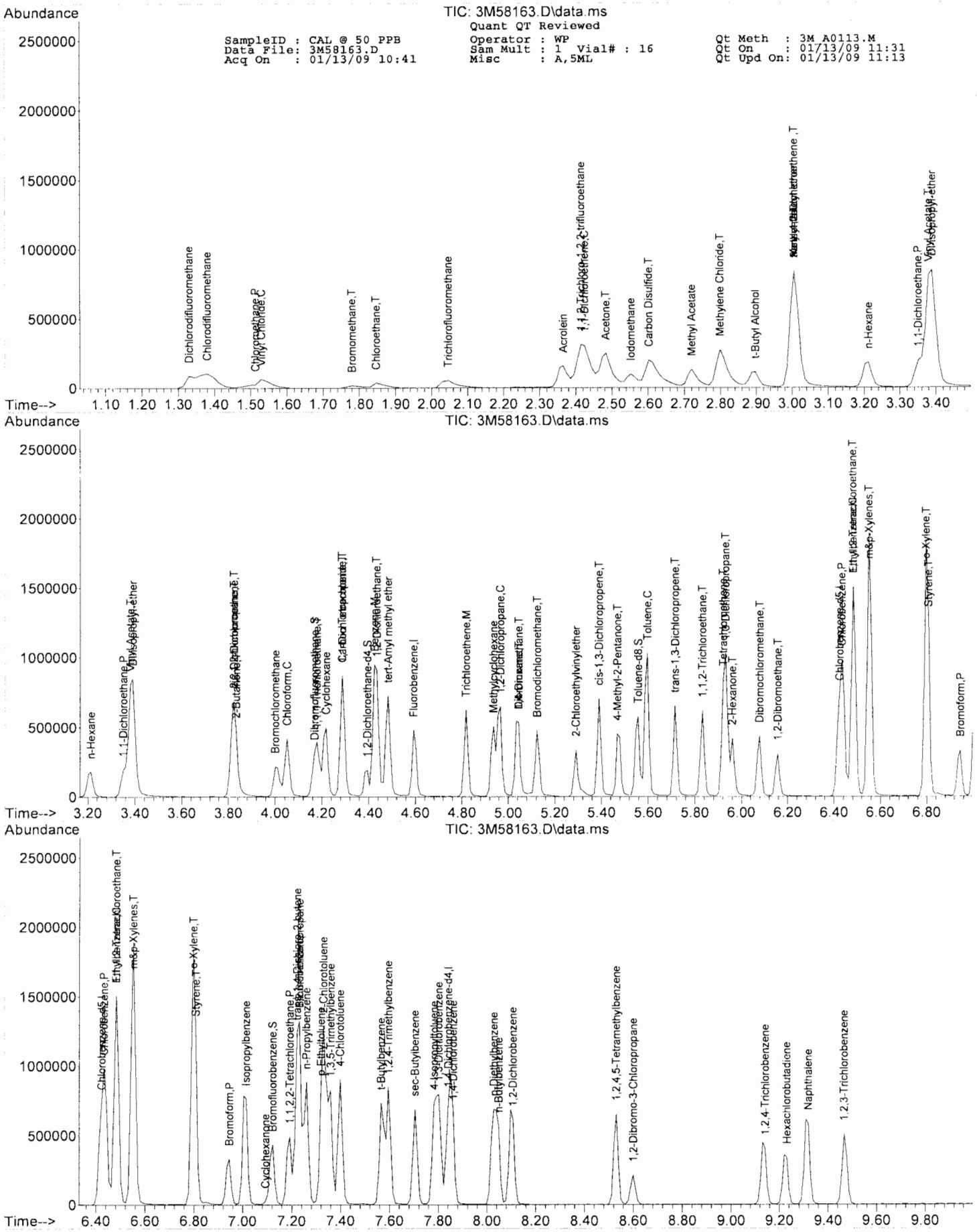
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58163.D Sam Mult : 1 Vial# : 16 Qt On : 01/13/09 11:31
Acq On : 01/13/09 10:41 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.798	106	176087	46.89 ug/l	78
68) trans-1,4-Dichloro-2-b...	7.221	53	92108m	55.20 ug/l	
69) 1,3-Dichlorobenzene	7.802	146	241505	43.91 ug/l	98
70) 1,4-Dichlorobenzene	7.861	146	249281	41.24 ug/l	97
71) 1,2-Dichlorobenzene	8.107	146	246330	42.83 ug/l	98
72) Isopropylbenzene	7.014	105	426088	50.04 ug/l	98
73) Cyclohexanone	7.093	55	8717	27.84 ug/l	96
74) 1,2,3-Trichloropropane	7.231	75	239704	50.07 ug/l	91
75) 2-Chlorotoluene	7.329	91	263833	40.36 ug/l	98
76) p-Ethyltoluene	7.320	105	344108	49.39 ug/l	90
77) 4-Chlorotoluene	7.398	91	315477	51.27 ug/l	97
78) n-Propylbenzene	7.260	91	512652	48.40 ug/l	97
79) Bromobenzene	7.231	77	348524	43.96 ug/l	82
80) 1,3,5-Trimethylbenzene	7.359	105	328825	51.89 ug/l	64
81) t-Butylbenzene	7.566	119	283779	50.45 ug/l	94
82) 1,2,4-Trimethylbenzene	7.595	105	356488	48.26 ug/l	95
83) sec-Butylbenzene	7.704	105	350534	52.58 ug/l	95
84) 4-Isopropyltoluene	7.782	119	277495	51.39 ug/l	97
85) n-Butylbenzene	8.048	91	331494	52.61 ug/l	98
86) p-Diethylbenzene	8.029	119	158685	54.65 ug/l	96
87) 1,2,4,5-Tetramethylben...	8.531	119	280720	54.62 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.600	157	45879	50.61 ug/l	97
89) Hexachlorobutadiene	9.230	225	75855	56.92 ug/l	99
90) 1,2,4-Trichlorobenzene	9.142	180	140264	48.81 ug/l	99
91) 1,2,3-Trichlorobenzene	9.467	180	144680	47.30 ug/l	98
92) Naphthalene	9.319	128	442168	48.62 ug/l	100

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


TIC: 3M58163.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 3M58163.D
Acq On : 01/13/09 10:41
Operator : WP
Sam Mult : 1 Vial# : 16
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:31
Qt Upd On: 01/13/09 11:13
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58162.D Sam Mult : 1 Vial# : 15 Qt On : 01/13/09 11:28
Acq On : 01/13/09 10:24 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.591	96	230478	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.423	117	193789	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.841	152	108722	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.168	111	69623	29.44	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.13%			
32) 1,2-Dichloroethane-d4	4.394	102	14978	29.57	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.57%			
56) Toluene-d8	5.556	100	159621	29.90	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.67%			
64) Bromofluorobenzene	7.122	174	97754	29.26	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.53%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.376	51	548742	114.96	ug/l	47
3) Dichlorodifluoromethane	1.326	85	238079	87.29	ug/l	93
4) Chloromethane	1.509	50	142724	79.84	ug/l	86
5) Bromomethane	1.776	94	41552	61.29	ug/l	97
6) Vinyl Chloride	1.543	62	137847	83.63	ug/l	95
7) Chloroethane	1.843	64	65829	99.53	ug/l	99
8) Trichlorofluoromethane	2.043	101	148682	107.50	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.415	101	156948	107.94	ug/l	95
10) Methylene Chloride	2.799	84	220169	97.41	ug/l	97
11) Acrolein	2.366	56	327999	1553.72	ug/l	99
12) Acrylonitrile	3.006	53	133920	103.94	ug/l	93
13) Iodomethane	2.553	142	312191	110.79	ug/l	88
14) Acetone	2.484	43	697676	499.60	ug/l	93
15) Carbon Disulfide	2.602	76	679533	133.79	ug/l	100
16) t-Butyl Alcohol	2.897	59	91288	560.12	ug/l	93
17) n-Hexane	3.203	57	134455	124.50	ug/l	83
18) Di-isopropyl-ether	3.390	45	1171240	107.26	ug/l	75
19) 1,1-Dichloroethene	2.425	61	417475	97.54	ug/l	83
20) Methyl Acetate	2.720	43	393106	95.14	ug/l	100
21) Methyl-t-butyl ether	3.006	73	370026	107.66	ug/l	86
22) 1,1-Dichloroethane	3.350	63	452084	99.80	ug/l	97
23) trans-1,2-Dichloroethene	3.006	96	177126	96.86	ug/l	85
24) cis-1,2-Dichloroethene	3.823	61	446400	96.93	ug/l	80
25) Bromochloromethane	4.000	49	326265	91.02	ug/l	87
26) 2,2-Dichloropropane	3.823	77	199986	111.86	ug/l	94
27) 1,4-Dioxane	5.044	88	181838	4945.96	ug/l	66
28) 1,1-Dichloropropene	4.286	75	321561	106.85	ug/l	96
29) Chloroform	4.050	83	405246	95.90	ug/l	97
31) Cyclohexane	4.217	56	351347	114.11	ug/l	76
33) 1,2-Dichloroethane	4.444	62	416681	92.76	ug/l	98
34) 2-Butanone	3.833	43	243695	101.96	ug/l	76
35) 1,1,1-Trichloroethane	4.178	97	280847	105.38	ug/l	97
36) Carbon Tetrachloride	4.286	117	245677	115.37	ug/l	95
37) Vinyl Acetate	3.380	43	1169238	101.97	ug/l	100
38) Bromodichloromethane	5.123	83	392506	108.93	ug/l	97
39) Methylcyclohexane	4.936	83	207916	124.41	ug/l	73
40) Dibromomethane	5.044	174	228768	102.40	ug/l	93
41) 1,2-Dichloropropane	4.966	63	326344	105.16	ug/l	100
42) Trichloroethene	4.818	130	245104	100.50	ug/l	89
43) Benzene	4.424	78	851965	94.57	ug/l	100
44) tert-Amyl methyl ether	4.483	73	331128	101.76	ug/l	98
46) Dibromochloromethane	6.078	129	335377	115.74	ug/l	98
47) 2-Chloroethylvinylether	5.291	63	169627	108.65	ug/l	84
48) cis-1,3-Dichloropropene	5.389	75	463144	121.94	ug/l	94
49) trans-1,3-Dichloropropene	5.714	75	432129	126.80	ug/l	100
50) 1,1,2-Trichloroethane	5.832	97	246500	96.27	ug/l	92
51) 1,2-Dibromoethane	6.157	107	313472	113.63	ug/l	96
52) 1,3-Dichloropropane	5.931	76	479775	100.03	ug/l	94
53) 4-Methyl-2-Pentanone	5.468	43	601673	104.67	ug/l	88
54) 2-Hexanone	5.960	43	465591	105.59	ug/l	86
55) Tetrachloroethene	5.921	164	196537	104.48	ug/l	99
57) Toluene	5.596	92	543566	89.89	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.482	133	213578	109.44	ug/l	99
59) Chlorobenzene	6.443	112	630826	91.19	ug/l	96
61) Bromoform	6.945	173	280054	130.73	ug/l	99
62) Ethylbenzene	6.482	106	188672	76.93	ug/l	76
63) 1,1,2,2-Tetrachloroethane	7.191	83	435366	98.29	ug/l	88
65) Styrene	6.807	104	610137	90.34	ug/l	95
66) m&p-Xylenes	6.551	106	621085	175.56	ug/l	79

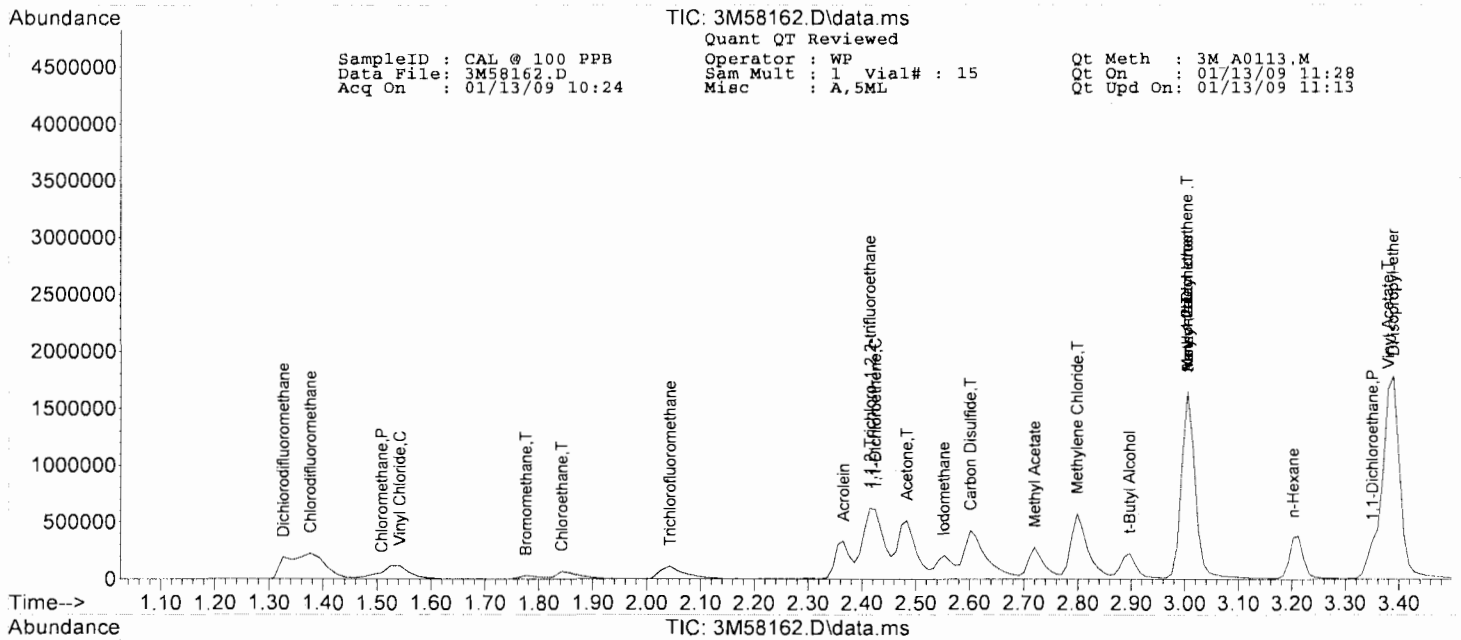
Quantitation Report (QT Reviewed)

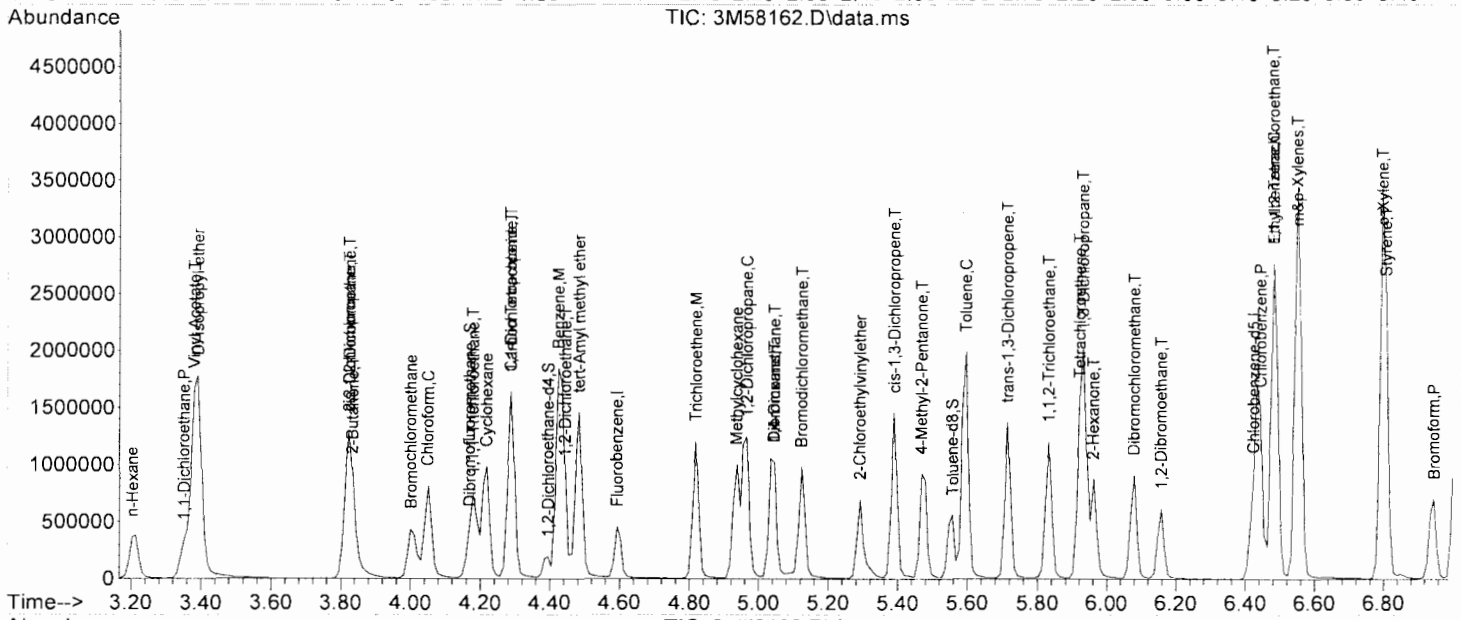
SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58162.D Sam Mult : 1 Vial# : 15 Qt On : 01/13/09 11:28
Acq On : 01/13/09 10:24 Misc : A,5ML Qt Upd On: 01/13/09 11:13

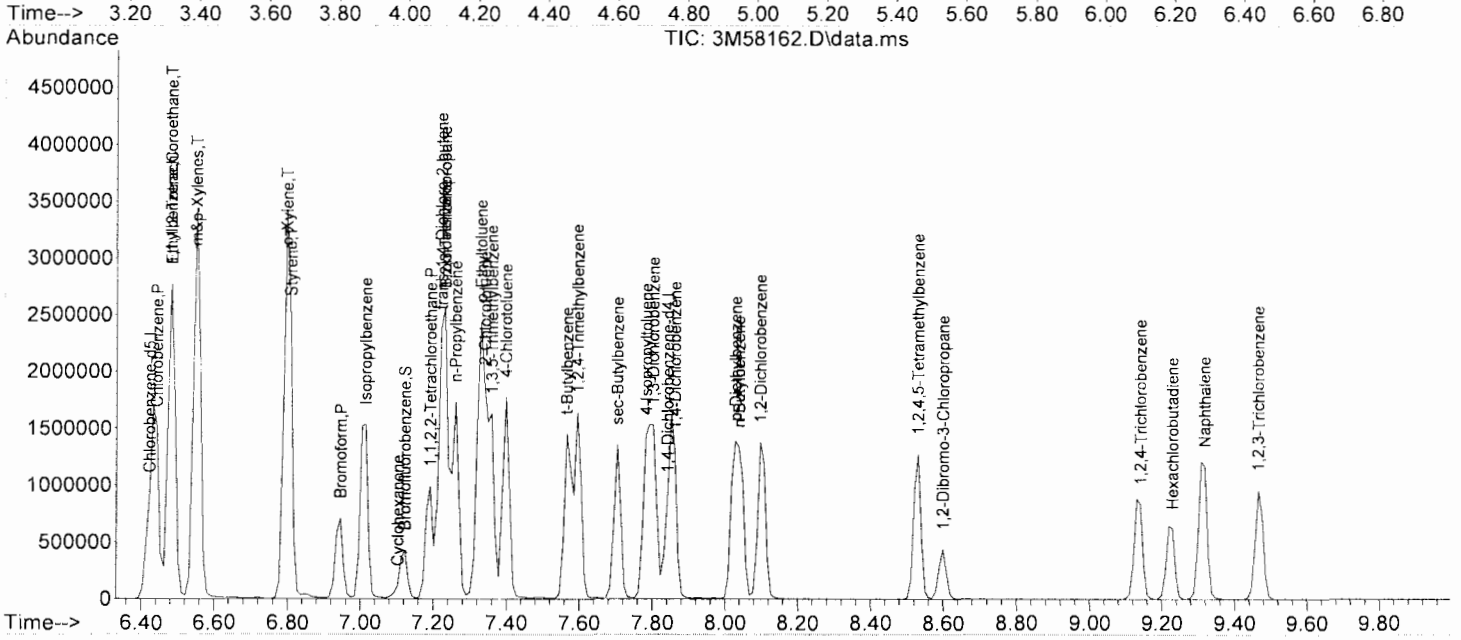
Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.797	106	329802	91.15 ug/l	76
68) trans-1,4-Dichloro-2-b...	7.221	53	180360m	112.19 ug/l	
69) 1,3-Dichlorobenzene	7.802	146	468196	88.36 ug/l	97
70) 1,4-Dichlorobenzene	7.861	146	493041	84.65 ug/l	97
71) 1,2-Dichlorobenzene	8.097	146	491195	88.64 ug/l	97
72) Isopropylbenzene	7.014	105	835186	101.80 ug/l	98
73) Cyclohexanone	7.103	55	18700	61.99 ug/l	93
74) 1,2,3-Trichloropropane	7.231	75	480117	104.09 ug/l	89
75) 2-Chlorotoluene	7.339	91	510659	81.08 ug/l	98
76) p-Ethyltoluene	7.329	105	656814	97.84 ug/l	96
77) 4-Chlorotoluene	7.398	91	623439	105.15 ug/l	95
78) n-Propylbenzene	7.260	91	1022265	100.16 ug/l	97
79) Bromobenzene	7.231	77	672959	88.10 ug/l	82
80) 1,3,5-Trimethylbenzene	7.359	105	647357	106.02 ug/l	66
81) t-Butylbenzene	7.566	119	566151	104.47 ug/l	93
82) 1,2,4-Trimethylbenzene	7.595	105	701216	98.53 ug/l	96
83) sec-Butylbenzene	7.704	105	700238	109.02 ug/l	94
84) 4-Isopropyltoluene	7.782	119	548587	105.44 ug/l	98
85) n-Butylbenzene	8.038	91	646172	106.43 ug/l	98
86) p-Diethylbenzene	8.029	119	322568	115.30 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.531	119	578510	116.82 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.600	157	96841	110.87 ug/l	95
89) Hexachlorobutadiene	9.230	225	137853	107.35 ug/l	99
90) 1,2,4-Trichlorobenzene	9.141	180	279729	101.03 ug/l	99
91) 1,2,3-Trichlorobenzene	9.466	180	288317	97.82 ug/l	99
92) Naphthalene	9.319	128	885372	101.05 ug/l	100

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


Abundance
TIC: 3M58162.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 3M58162.D
Acq On : 01/13/09 10:24
Operator : WP
Sam Mult : 1 Vial# : 15
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:28
Qt Upd On: 01/13/09 11:13
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1-Dichloroethene,C
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M58162.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Benzene,M
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Time-->


Abundance
TIC: 3M58162.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58161.D Sam Mult : 1 Vial# : 14 Qt On : 01/13/09 11:26
Acq On : 01/13/09 10:07 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	246824	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.424	117	196302	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.842	152	105197	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.168	111	65270	25.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 85.90%			
32) 1,2-Dichloroethane-d4	4.395	102	15286	28.18	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.93%			
56) Toluene-d8	5.557	100	168746	31.20	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.00%			
64) Bromofluorobenzene	7.123	174	103118	31.90	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.33%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.375	51	1413559	276.53	ug/l	47
3) Dichlorodifluoromethane	1.325	85	611588	209.39	ug/l	92
4) Chloromethane	1.508	50	415816	217.20	ug/l	82
5) Bromomethane	1.758	94	71867	98.99	ug/l	99
6) Vinyl Chloride	1.542	62	379783	215.15	ug/l	93
7) Chloroethane	1.842	64	128699	181.70	ug/l	95
8) Trichlorofluoromethane	2.025	101	390440	263.59	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.406	101	364431	234.03	ug/l	94
10) Methylene Chloride	2.800	84	541902	223.88	ug/l	96
11) Acrolein	2.356	56	816605	3612.05	ug/l	96
12) Acrylonitrile	2.996	53	312995	226.83	ug/l	95
13) Iodomethane	2.543	142	717176	237.65	ug/l	87
14) Acetone	2.484	43	1762595	1178.60	ug/l	91
15) Carbon Disulfide	2.603	76	1702691	313.04	ug/l	100
16) t-Butyl Alcohol	2.898	59	224646	1287.10	ug/l	96
17) n-Hexane	3.203	57	336463	290.92	ug/l	84
18) Di-isopropyl-ether	3.390	45	2695842	230.53	ug/l	74
19) 1,1-Dichloroethene	2.425	61	1041154	227.14	ug/l	84
20) Methyl Acetate	2.721	43	1019123	230.30	ug/l	100
21) Methyl-t-butyl ether	3.006	73	858357	233.20	ug/l	84
22) 1,1-Dichloroethane	3.351	63	1079620	222.56	ug/l	97
23) trans-1,2-Dichloroethene	3.006	96	409930	209.31	ug/l	81
24) cis-1,2-Dichloroethene	3.824	61	1046729	212.23	ug/l	75
25) Bromochloromethane	4.001	49	816286	212.64	ug/l	91
26) 2,2-Dichloropropane	3.824	77	520782	272.00	ug/l	92
27) 1,4-Dioxane	5.045	88	392974	9980.94	ug/l	59
28) 1,1-Dichloropropene	4.287	75	714812	221.79	ug/l	97
29) Chloroform	4.050	83	961513	212.47	ug/l	100
31) Cyclohexane	4.218	56	851751	258.32	ug/l	75
33) 1,2-Dichloroethane	4.434	62	952575	198.02	ug/l	99
34) 2-Butanone	3.834	43	571016	223.08	ug/l	76
35) 1,1,1-Trichloroethane	4.178	97	701817	245.89	ug/l	97
36) Carbon Tetrachloride	4.287	117	562587	246.71	ug/l	97
37) Vinyl Acetate	3.381	43	2796467	227.74	ug/l	100
38) Bromodichloromethane	5.124	83	941877	244.08	ug/l	98
39) Methylcyclohexane	4.937	83	503697	281.43	ug/l	72
40) Dibromomethane	5.035	174	494017	206.49	ug/l	94
41) 1,2-Dichloropropane	4.966	63	765473	230.33	ug/l	100
42) Trichloroethene	4.818	130	555871	212.82	ug/l	94
43) Benzene	4.425	78	1902265	197.18	ug/l	100
44) tert-Amyl methyl ether	4.484	73	754447	216.49	ug/l	97
46) Dibromochloromethane	6.079	129	806645	274.82	ug/l	99
47) 2-Chloroethylvinylether	5.291	63	433008	273.81	ug/l	86
48) cis-1,3-Dichloropropene	5.390	75	1139575	296.18	ug/l	93
49) trans-1,3-Dichloropropene	5.715	75	1067631	309.26	ug/l	99
50) 1,1,2-Trichloroethane	5.833	97	575456	221.86	ug/l	93
51) 1,2-Dibromoethane	6.158	107	744623	266.47	ug/l	93
52) 1,3-Dichloropropane	5.931	76	1053061	216.74	ug/l	95
53) 4-Methyl-2-Pentanone	5.468	43	1522506	261.48	ug/l	89
54) 2-Hexanone	5.961	43	1179410	264.06	ug/l	84
55) Tetrachloroethene	5.922	164	424324	222.67	ug/l	98
57) Toluene	5.597	92	1194738	195.04	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.473	133	446448	225.84	ug/l	96
59) Chlorobenzene	6.434	112	1403317	200.27	ug/l	93
61) Bromoform	6.946	173	698147	336.82	ug/l	100
62) Ethylbenzene	6.493	106	360640	151.99	ug/l	81
63) 1,1,2,2-Tetrachloroethane	7.192	83	1016992	237.31	ug/l	86
65) Styrene	6.808	104	1195245	182.91	ug/l	100
66) m&p-Xylenes	6.552	106	1186076	346.50	ug/l	79

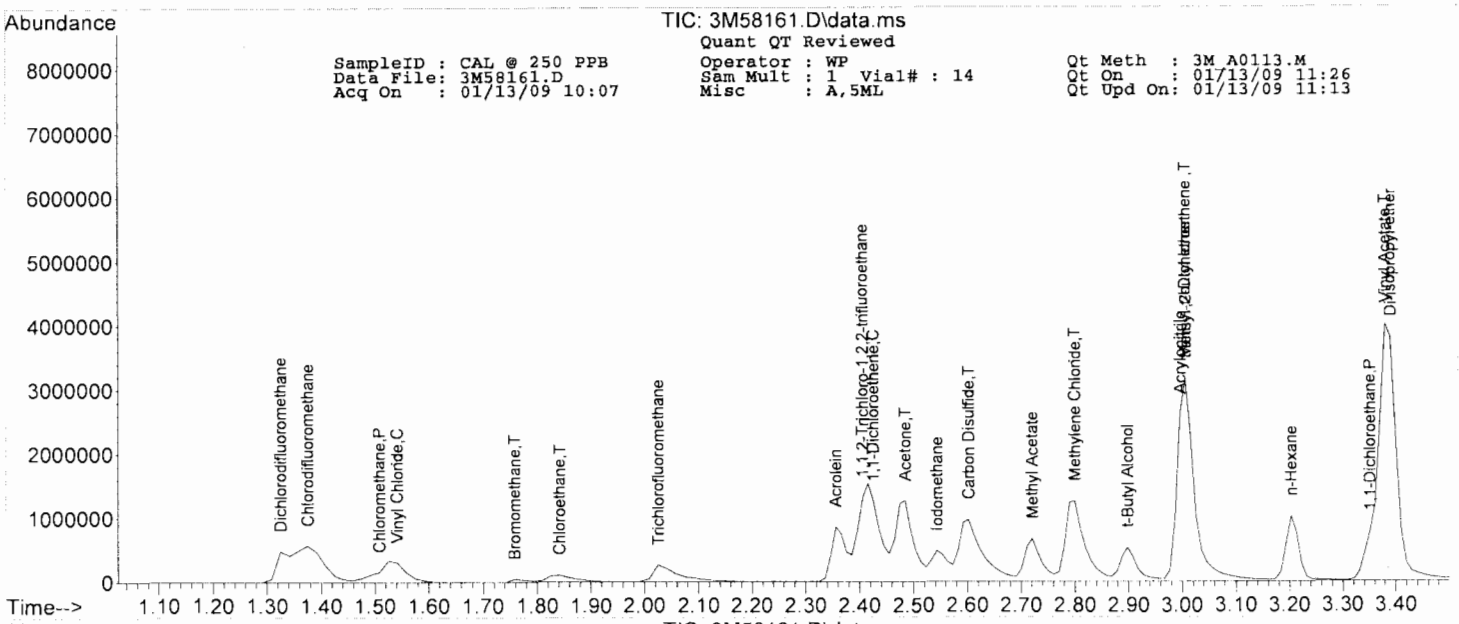
Quantitation Report (QT Reviewed)

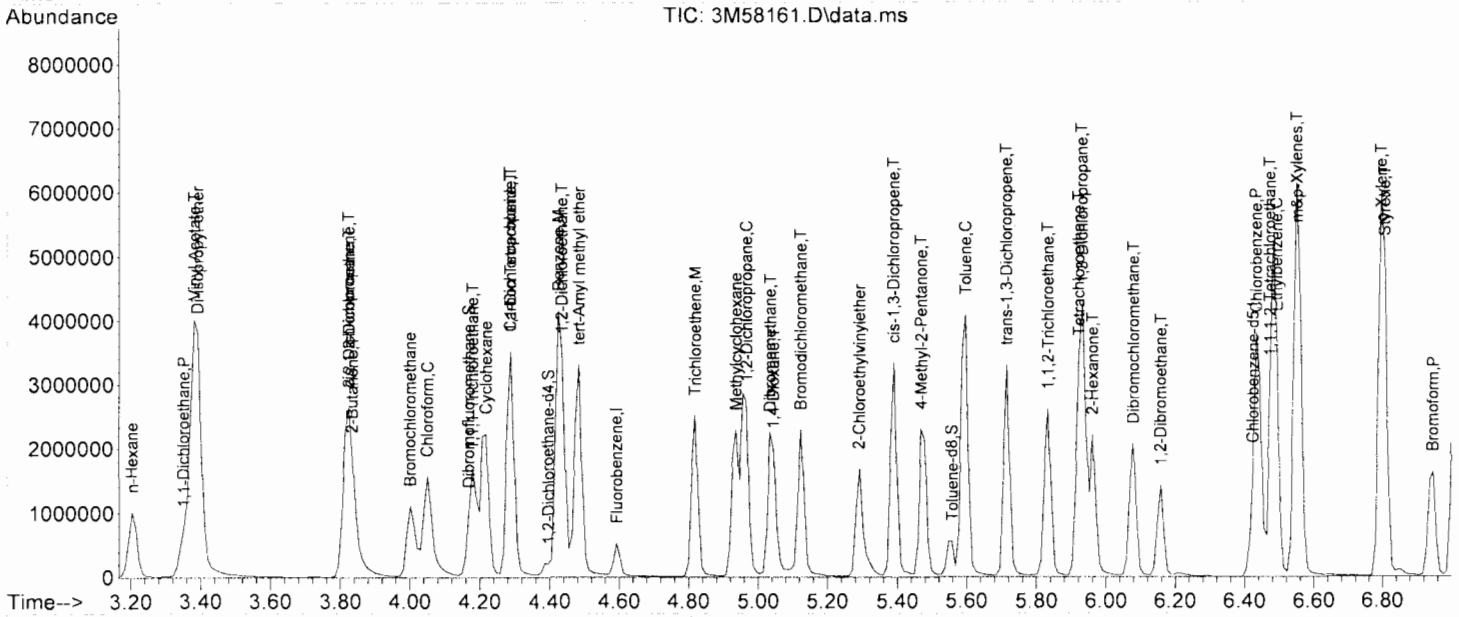
SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58161.D Sam Mult : 1 Vial# : 14 Qt On : 01/13/09 11:26
Acq On : 01/13/09 10:07 Misc : A,5ML Qt Upd On: 01/13/09 11:13

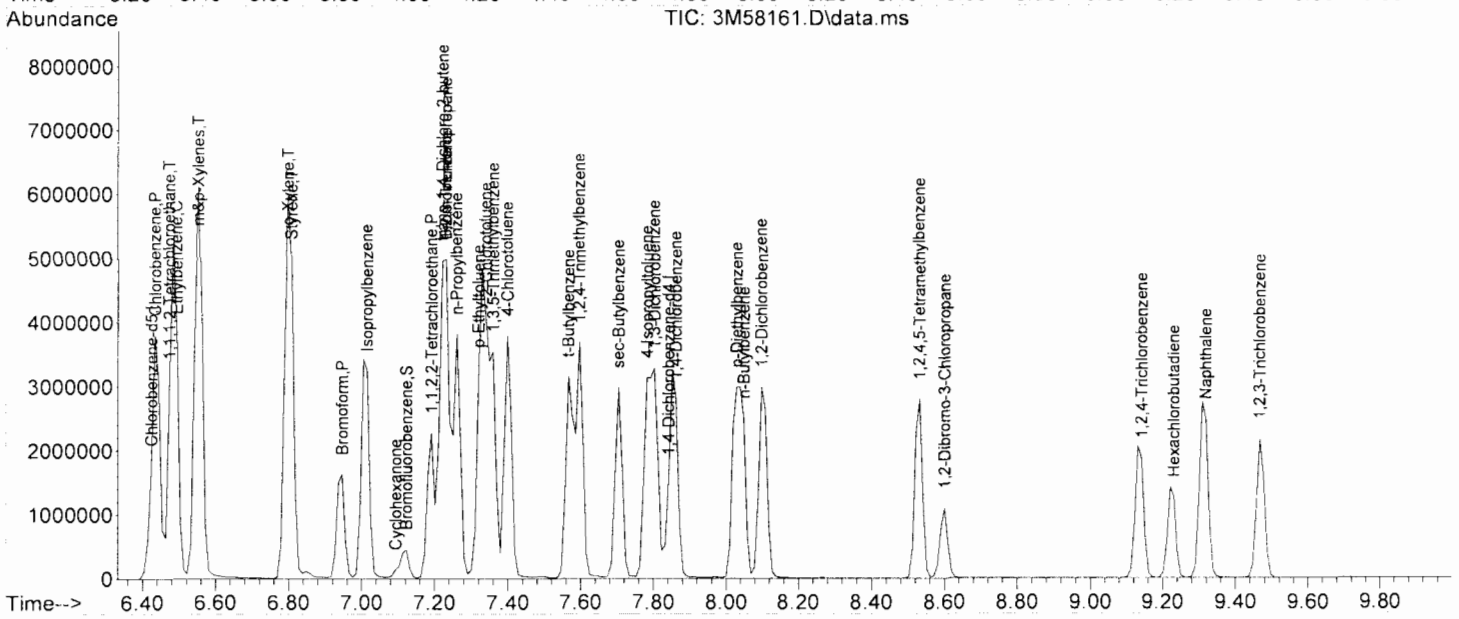
Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.798	106	646020	184.53 ug/l	69
68)	trans-1,4-Dichloro-2-b...	7.222	53	392920m	252.59 ug/l	
69)	1,3-Dichlorobenzene	7.803	146	1005455	196.11 ug/l	96
70)	1,4-Dichlorobenzene	7.862	146	1091145	193.62 ug/l	98
71)	1,2-Dichlorobenzene	8.098	146	1102218	205.58 ug/l	97
72)	Isopropylbenzene	7.015	105	1881418	237.01 ug/l	97
73)	Cyclohexanone	7.094	55	45317	155.27 ug/l	92
74)	1,2,3-Trichloropropane	7.231	75	1011231	226.58 ug/l	88
75)	2-Chlorotoluene	7.340	91	1104774	181.28 ug/l	96
76)	p-Ethyltoluene	7.320	105	1390515	214.07 ug/l	91
77)	4-Chlorotoluene	7.399	91	1291755	225.16 ug/l	96
78)	n-Propylbenzene	7.261	91	2285977	231.49 ug/l	97
79)	Bromobenzene	7.231	77	1390065	188.07 ug/l	78
80)	1,3,5-Trimethylbenzene	7.359	105	1410225	238.70 ug/l	70
81)	t-Butylbenzene	7.566	119	1275374	243.22 ug/l	91
82)	1,2,4-Trimethylbenzene	7.596	105	1572693	228.38 ug/l	95
83)	sec-Butylbenzene	7.704	105	1589568	255.77 ug/l	95
84)	4-Isopropyltoluene	7.783	119	1221500	242.64 ug/l	97
85)	n-Butylbenzene	8.049	91	1468917	250.06 ug/l	97
86)	p-Diethylbenzene	8.029	119	706099	260.84 ug/l	93
87)	1,2,4,5-Tetramethylben...	8.531	119	1300815	271.49 ug/l	98
88)	1,2-Dibromo-3-Chloropr...	8.600	157	249416	295.11 ug/l	97
89)	Hexachlorobutadiene	9.231	225	292543	235.45 ug/l	98
90)	1,2,4-Trichlorobenzene	9.142	180	652253	243.47 ug/l	99
91)	1,2,3-Trichlorobenzene	9.467	180	655236	229.76 ug/l	98
92)	Naphthalene	9.319	128	2008405	236.90 ug/l	100

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


Abundance
TIC: 3M58161.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 3M58161.D
Acq On : 01/13/09 10:07
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:26
Qt Upd On: 01/13/09 11:13
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichloro-1,2,2-trifluoroethane
1,1-Dichloroethene,C
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M58161.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5
Bromoform,P
Time-->


Abundance
TIC: 3M58161.D\data.ms
Chlorobenzene-d5
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
p-Ethyltoluene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58160.D Sam Mult : 1 Vial# : 13 Qt On : 01/13/09 11:24
Acq On : 01/13/09 09:50 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.591	96	253781	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.423	117	188011	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.841	152	99224	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.167	111	63017	24.20	ug/l	0.00
Spiked Amount 30.000			Recovery = 80.67%			
32) 1,2-Dichloroethane-d4	4.394	102	15632	28.02	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.40%			
56) Toluene-d8	5.556	100	171808	33.17	ug/l	0.00
Spiked Amount 30.000			Recovery = 110.57%			
64) Bromofluorobenzene	7.122	174	106534	34.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 116.47%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.375	51	2916593	554.93	ug/l	45
3) Dichlorodifluoromethane	1.325	85	1315965	438.20	ug/l	93
4) Chloromethane	1.509	50	976899	496.30	ug/l	86
5) Bromomethane	1.759	94	58848	78.83	ug/l	98
6) Vinyl Chloride	1.526	62	883382	486.72	ug/l	93
7) Chloroethane	1.826	64	100573	138.10	ug/l	98
8) Trichlorofluoromethane	2.009	101	779772	512.01	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.404	101	632237	394.88	ug/l	94
10) Methylene Chloride	2.789	84	1068339	429.27	ug/l	91
11) Acrolein	2.355	56	1492905	6422.47	ug/l	98
12) Acrylonitrile	2.995	53	569383	401.33	ug/l	92
13) Iodomethane	2.542	142	1343935	433.12	ug/l	86
14) Acetone	2.483	43	3339864	2172.05	ug/l	91
15) Carbon Disulfide	2.592	76	3327087	594.92	ug/l	100
16) t-Butyl Alcohol	2.907	59	441755	2461.63	ug/l	98
17) n-Hexane	3.202	57	654854	550.70	ug/l	83
18) Di-isopropyl-ether	3.389	45	4755129	395.48	ug/l	72
19) 1,1-Dichloroethene	2.414	61	1911378	405.56	ug/l	80
20) Methyl Acetate	2.720	43	2036441	447.58	ug/l	100
21) Methyl-t-butyl ether	3.005	73	1497155	395.59	ug/l	82
22) 1,1-Dichloroethane	3.350	63	2052316	411.47	ug/l	95
23) trans-1,2-Dichloroethene	3.005	96	755551	375.21	ug/l	80
24) cis-1,2-Dichloroethene	3.823	61	1948844	384.31	ug/l	76
25) Bromochloromethane	4.000	49	1675623	424.52	ug/l	91
26) 2,2-Dichloropropane	3.813	77	1002902	509.44	ug/l	91
27) 1,4-Dioxane	5.044	88	694784	17162.71	ug/l	49
28) 1,1-Dichloropropene	4.286	75	1155672	348.75	ug/l	95
29) Chloroform	4.049	83	1875531	403.09	ug/l	96
31) Cyclohexane	4.217	56	1582299	466.73	ug/l	75
33) 1,2-Dichloroethane	4.443	62	1731456	350.07	ug/l	100
34) 2-Butanone	3.833	43	1085276	412.36	ug/l	73
35) 1,1,1-Trichloroethane	4.177	97	1347351	459.11	ug/l	98
36) Carbon Tetrachloride	4.295	117	967284	412.54	ug/l	92
37) Vinyl Acetate	3.379	43	4860219	384.96	ug/l	100
38) Bromodichloromethane	5.123	83	1744992	439.80	ug/l	98
39) Methylcyclohexane	4.936	83	915324	497.40	ug/l	70
40) Dibromomethane	5.034	174	832544	338.45	ug/l	94
41) 1,2-Dichloropropane	4.965	63	1340646	392.35	ug/l	98
42) Trichloroethene	4.817	130	960318	357.59	ug/l	91
43) Benzene	4.423	78	3114491	313.98	ug/l	100
44) tert-Amyl methyl ether	4.483	73	1343842	375.05	ug/l	95
46) Dibromochloromethane	6.078	129	1459413	519.15	ug/l	95
47) 2-Chloroethylvinylether	5.290	63	804160	530.92	ug/l	85
48) cis-1,3-Dichloropropene	5.389	75	2074373	562.92	ug/l	92
49) trans-1,3-Dichloropropene	5.714	75	2006048	606.72	ug/l	97
50) 1,1,2-Trichloroethane	5.832	97	1012774	407.68	ug/l	89
51) 1,2-Dibromoethane	6.157	107	1344061	502.20	ug/l	92
52) 1,3-Dichloropropane	5.940	76	1772194	380.84	ug/l	96
53) 4-Methyl-2-Pentanone	5.477	43	2885624	517.45	ug/l	90
54) 2-Hexanone	5.960	43	2229933	521.28	ug/l	84
55) Tetrachloroethene	5.920	164	683326	374.41	ug/l	92
57) Toluene	5.595	92	1954608	333.15	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.472	133	685499	362.06	ug/l	94
59) Chlorobenzene	6.442	112	2296011	342.12	ug/l	97
61) Bromoform	6.945	173	1281020	655.24	ug/l	99
62) Ethylbenzene	6.492	106	555776	248.32	ug/l	75
63) 1,1,2,2-Tetrachloroethane	7.191	83	1782711	441.02	ug/l	87
65) Styrene	6.807	104	1684858	273.36	ug/l	81
66) m&p-Xylenes	6.551	106	1693195	524.42	ug/l	76

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB
Data File: 3M58160.D
Acq On : 01/13/09 09:50

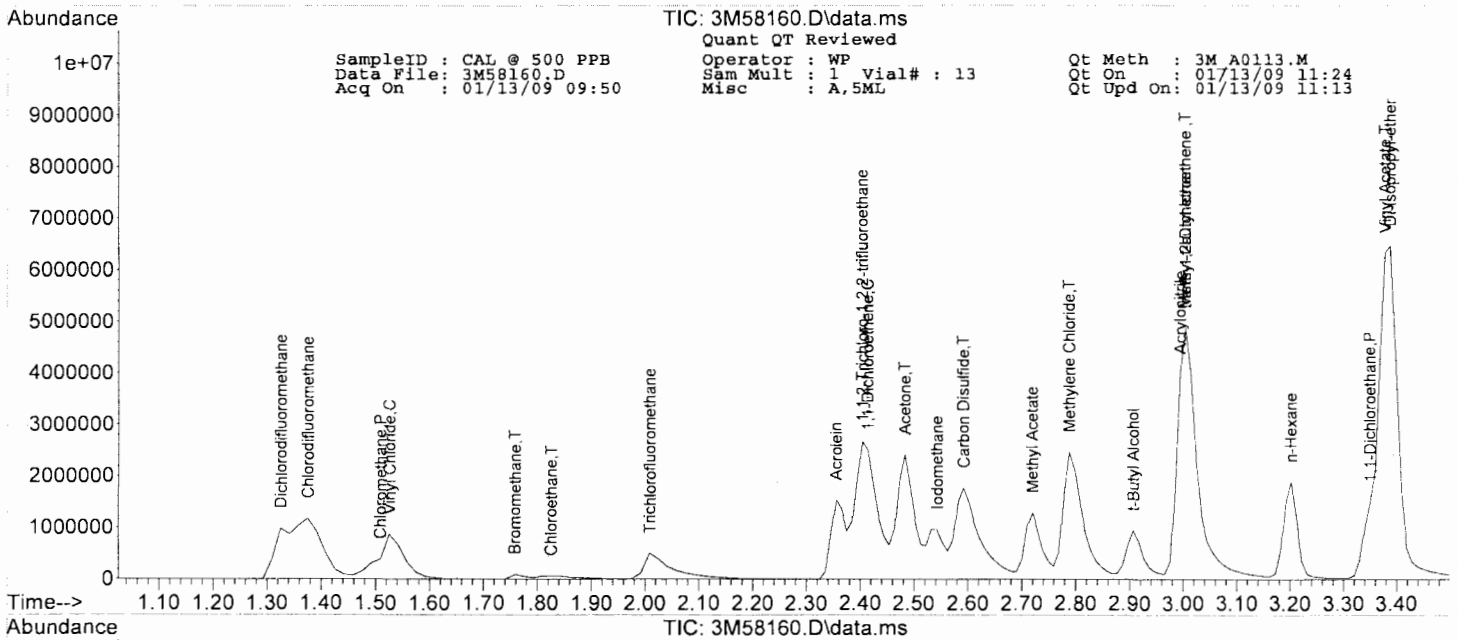
Operator : WP
Sam Mult : 1 Vial# : 13
Misc : A,5ML

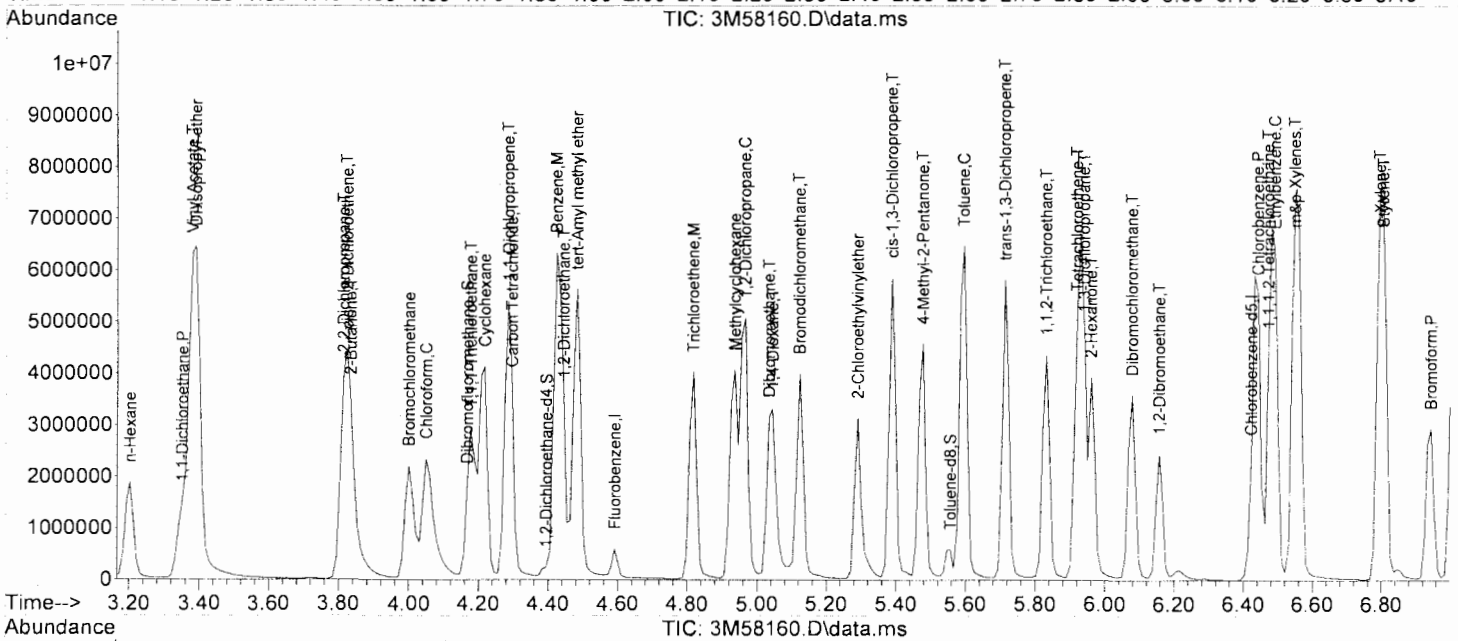
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:24
Qt Upd On: 01/13/09 11:13

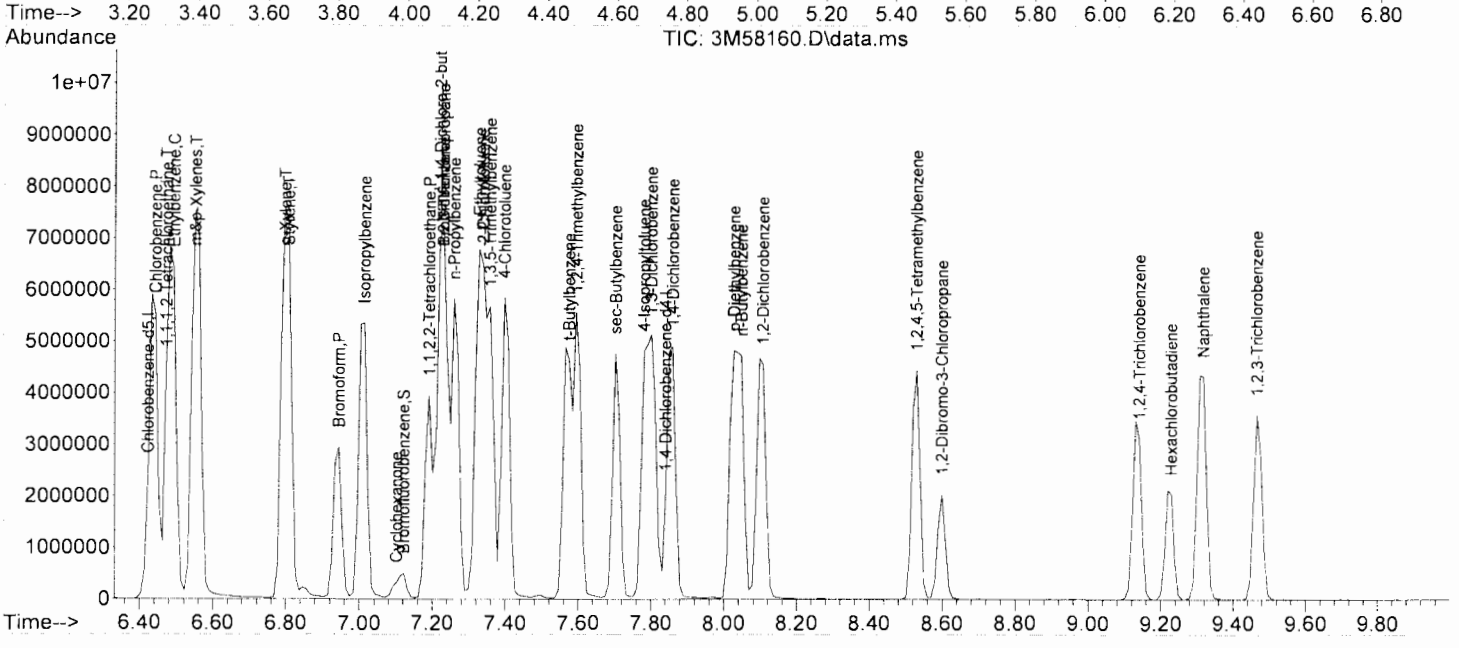
Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.797	106	927760	280.95 ug/l	70
68) trans-1,4-Dichloro-2-b...	7.220	53	622464m	424.24 ug/l	
69) 1,3-Dichlorobenzene	7.802	146	1604956	331.88 ug/l	95
70) 1,4-Dichlorobenzene	7.861	146	1796347	337.94 ug/l	97
71) 1,2-Dichlorobenzene	8.107	146	1843392	364.51 ug/l	96
72) Isopropylbenzene	7.014	105	3039341	405.93 ug/l	97
73) Cyclohexanone	7.102	55	89884	326.51 ug/l	95
74) 1,2,3-Trichloropropane	7.230	75	1516115	360.15 ug/l	88
75) 2-Chlorotoluene	7.339	91	1616307	281.19 ug/l	95
76) p-Ethyltoluene	7.329	105	2070134	337.88 ug/l	93
77) 4-Chlorotoluene	7.398	91	1981337	366.15 ug/l	94
78) n-Propylbenzene	7.260	91	3861080	414.53 ug/l	97
79) Bromobenzene	7.230	77	2118015	303.81 ug/l	74
80) 1,3,5-Trimethylbenzene	7.358	105	2287775	410.54 ug/l	75
81) t-Butylbenzene	7.575	119	2073877	419.31 ug/l	87
82) 1,2,4-Trimethylbenzene	7.595	105	2570458	395.74 ug/l	95
83) sec-Butylbenzene	7.703	105	2692061	459.25 ug/l	95
84) 4-Isopropyltoluene	7.782	119	1929237	406.29 ug/l	95
85) n-Butylbenzene	8.048	91	2505710	452.24 ug/l	96
86) p-Diethylbenzene	8.028	119	1190674	466.33 ug/l	94
87) 1,2,4,5-Tetramethylben...	8.530	119	2190079	484.60 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.599	157	479203	601.13 ug/l	96
89) Hexachlorobutadiene	9.230	225	467143	398.61 ug/l	99
90) 1,2,4-Trichlorobenzene	9.141	180	1108922	438.85 ug/l	99
91) 1,2,3-Trichlorobenzene	9.466	180	1110300	412.77 ug/l	98
92) Naphthalene	9.318	128	3373835	421.91 ug/l	100

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


Abundance
TIC: 3M58160.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 3M58160.D
Acq On : 01/13/09 09:50
Operator : WP
Sam Mult : 1 Vial# : 13
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:24
Qt Upd On: 01/13/09 11:13
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1-Dichloroethene,T
1,1,2-trifluoroethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M58160.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
Carbon Tetrachloride,T
1,2-Dichloroethane-d4,S
Benzene,M
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 3M58160.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB
Data File: 3M58157.D
Acq On : 01/13/09 08:54

Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML

Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:18
Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.591	96	277138	30.00	ug/l		0.00
45) Chlorobenzene-d5	6.413	117	197334	30.00	ug/l		-0.01
60) 1,4-Dichlorobenzene-d4	7.832	152	104270	30.00	ug/l		-0.01
System Monitoring Compounds							
30) Dibromofluoromethane	4.158	111	92682	32.59	ug/l		0.00
Spiked Amount 30.000			Recovery = 108.63%				
32) 1,2-Dichloroethane-d4	4.385	102	18034	29.61	ug/l		-0.01
Spiked Amount 30.000			Recovery = 98.70%				
56) Toluene-d8	5.547	100	167637	30.83	ug/l		-0.01
Spiked Amount 30.000			Recovery = 102.77%				
64) Bromofluorobenzene	7.113	174	94808	29.59	ug/l		-0.01
Spiked Amount 30.000			Recovery = 98.63%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.348	51	6087	1.06	ug/l	#	31
3) Dichlorodifluoromethane	1.315	85	2561	0.78	ug/l		100
4) Chloromethane	1.481	50	2086	0.97	ug/l	#	35
5) Bromomethane	1.765	94	364m	0.45	ug/l		
6) Vinyl Chloride	1.531	62	1528	0.77	ug/l		95
7) Chloroethane	1.848	64	1193	1.50	ug/l		44
8) Trichlorofluoromethane	2.031	101	1744	1.05	ug/l		89
9) 1,1,2-Trichloro-1,2,2-...	2.395	101	1735	0.99	ug/l	#	75
10) Methylene Chloride	2.789	84	3023	1.11	ug/l		85
11) Acrolein	2.356	56	3041	11.98	ug/l		77
12) Acrylonitrile	2.996	53	1010	0.65	ug/l		81
13) Iodomethane	2.543	142	2374	0.70	ug/l		97
14) Acetone	2.474	43	7413	4.41	ug/l		95
15) Carbon Disulfide	2.592	76	9547	1.56	ug/l		100
16) t-Butyl Alcohol	0.000		0	N.D.			
17) n-Hexane	3.203	57	1326	1.02	ug/l		78
18) Di-isopropyl-ether	3.380	45	10098	0.77	ug/l		79
19) 1,1-Dichloroethene	2.415	61	4963	0.96	ug/l		88
20) Methyl Acetate	2.710	43	3993	0.80	ug/l		100
21) Methyl-t-butyl ether	2.996	73	3578	0.87	ug/l		75
22) 1,1-Dichloroethane	3.341	63	5345	0.98	ug/l		96
23) trans-1,2-Dichloroethene	2.996	96	2365	1.08	ug/l		89
24) cis-1,2-Dichloroethene	3.813	61	5071	0.92	ug/l		87
25) Bromochloromethane	3.991	49	4318	1.00	ug/l		90
26) 2,2-Dichloropropane	3.803	77	2126	0.99	ug/l		89
27) 1,4-Dioxane	5.035	88	1306	29.54	ug/l	#	4
28) 1,1-Dichloropropene	4.276	75	3718	1.03	ug/l		84
29) Chloroform	4.040	83	4819	0.95	ug/l		99
31) Cyclohexane	4.207	56	2497	0.67	ug/l		80
33) 1,2-Dichloroethane	4.434	62	5415	1.00	ug/l		90
34) 2-Butanone	3.823	43	2068	0.72	ug/l		49
35) 1,1,1-Trichloroethane	4.168	97	3062	0.96	ug/l		98
36) Carbon Tetrachloride	4.276	117	2905	1.13	ug/l		95
37) Vinyl Acetate	3.370	43	11375	0.83	ug/l		100
38) Bromodichloromethane	5.113	83	4199	0.97	ug/l		68
39) Methylcyclohexane	4.926	83	1864	0.93	ug/l	#	90
40) Dibromomethane	5.035	174	2902	1.08	ug/l		88
41) 1,2-Dichloropropane	4.956	63	3597	0.96	ug/l		90
42) Trichloroethene	4.808	130	3015	1.03	ug/l	#	75
43) Benzene	4.414	78	10521	0.97	ug/l		100
44) tert-Amyl methyl ether	4.473	73	3476m	0.89	ug/l		
46) Dibromochloromethane	6.069	129	2687	0.91	ug/l		100
47) 2-Chloroethylvinylether	5.281	63	1159	0.73	ug/l		91
48) cis-1,3-Dichloropropene	5.379	75	2996	0.77	ug/l		100
49) trans-1,3-Dichloropropene	5.704	75	2416	0.70	ug/l		94
50) 1,1,2-Trichloroethane	5.822	97	2572	0.99	ug/l		90
51) 1,2-Dibromoethane	6.147	107	2906	1.03	ug/l		99
52) 1,3-Dichloropropane	5.921	76	4675	0.96	ug/l		87
53) 4-Methyl-2-Pentanone	5.468	43	3480	0.59	ug/l		87
54) 2-Hexanone	5.950	43	2382	0.53	ug/l		83
55) Tetrachloroethene	5.911	164	2108	1.10	ug/l		89
57) Toluene	5.586	92	6315	1.03	ug/l		99
58) 1,1,1,2-Tetrachloroethane	6.472	133	2184	1.10	ug/l		98
59) Chlorobenzene	6.433	112	7098	1.01	ug/l		95
61) Bromoform	6.935	173	1990	0.97	ug/l		80
62) Ethylbenzene	6.482	106	2072	0.88	ug/l		81
63) 1,1,2,2-Tetrachloroethane	7.182	83	4028	0.95	ug/l		92
65) Styrene	6.797	104	4484	0.69	ug/l		99
66) m&p-Xylenes	6.541	106	6394	1.88	ug/l		97

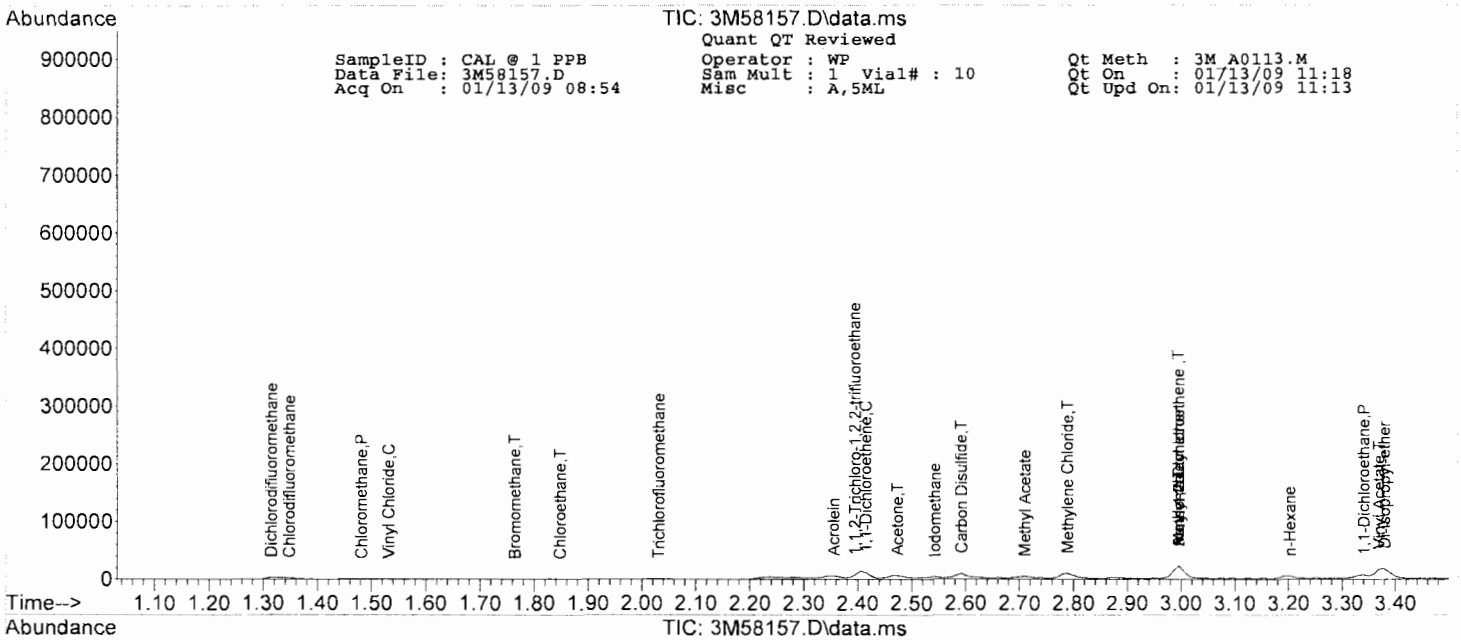
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58157.D Sam Mult : 1 Vial# : 10 Qt On : 01/13/09 11:18
Acq On : 01/13/09 08:54 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
67)	o-Xylene	6.788	106	2680	0.77 ug/l		77
68)	trans-1,4-Dichloro-2-b...	7.211	53	1373	0.89 ug/l	#	66
69)	1,3-Dichlorobenzene	7.792	146	5157m	1.01 ug/l		
70)	1,4-Dichlorobenzene	7.851	146	5723m	1.02 ug/l		
71)	1,2-Dichlorobenzene	8.097	146	4528	0.85 ug/l		96
72)	Isopropylbenzene	7.004	105	5938	0.75 ug/l		95
73)	Cyclohexanone	0.000		0	N.D.		
74)	1,2,3-Trichloropropane	7.221	75	4257	0.96 ug/l	#	81
75)	2-Chlorotoluene	7.329	91	5138	0.85 ug/l		96
76)	p-Ethyltoluene	7.319	105	4960	0.77 ug/l		100
77)	4-Chlorotoluene	7.388	91	5044m	0.89 ug/l		
78)	n-Propylbenzene	7.250	91	8198	0.84 ug/l		92
79)	Bromobenzene	7.221	77	6778	0.93 ug/l		82
80)	1,3,5-Trimethylbenzene	7.349	105	4808m	0.82 ug/l		
81)	t-Butylbenzene	7.556	119	3523	0.68 ug/l	#	80
82)	1,2,4-Trimethylbenzene	7.585	105	4921	0.72 ug/l	#	73
83)	sec-Butylbenzene	7.694	105	4718	0.77 ug/l	#	54
84)	4-Isopropyltoluene	7.772	119	3424	0.69 ug/l	#	48
85)	n-Butylbenzene	8.038	91	4007	0.69 ug/l		97
86)	p-Diethylbenzene	8.019	119	1676	0.62 ug/l		90
87)	1,2,4,5-Tetramethylben...	8.521	119	2737	0.58 ug/l		91
88)	1,2-Dibromo-3-Chloropr...	8.600	157	441m	0.53 ug/l		
89)	Hexachlorobutadiene	9.220	225	1985	1.61 ug/l		94
90)	1,2,4-Trichlorobenzene	9.132	180	2010	0.76 ug/l	#	75
91)	1,2,3-Trichlorobenzene	9.466	180	1682	0.60 ug/l	#	75
92)	Naphthalene	9.309	128	4026	0.48 ug/l		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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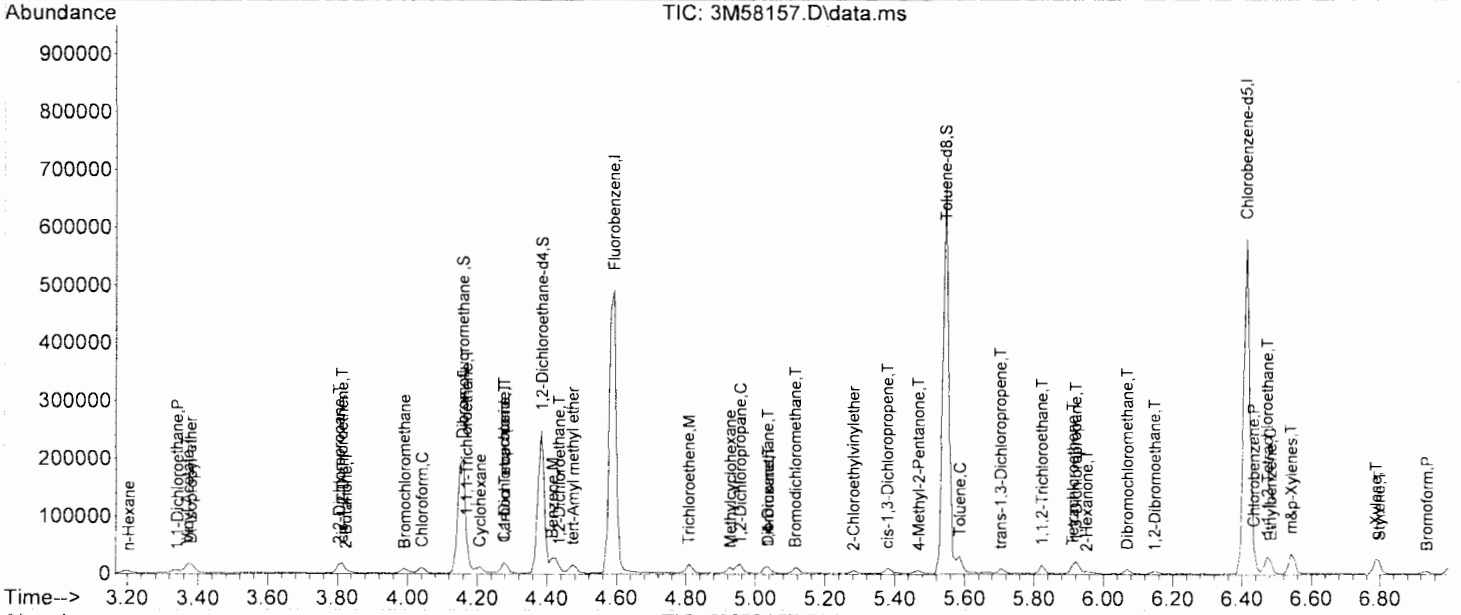
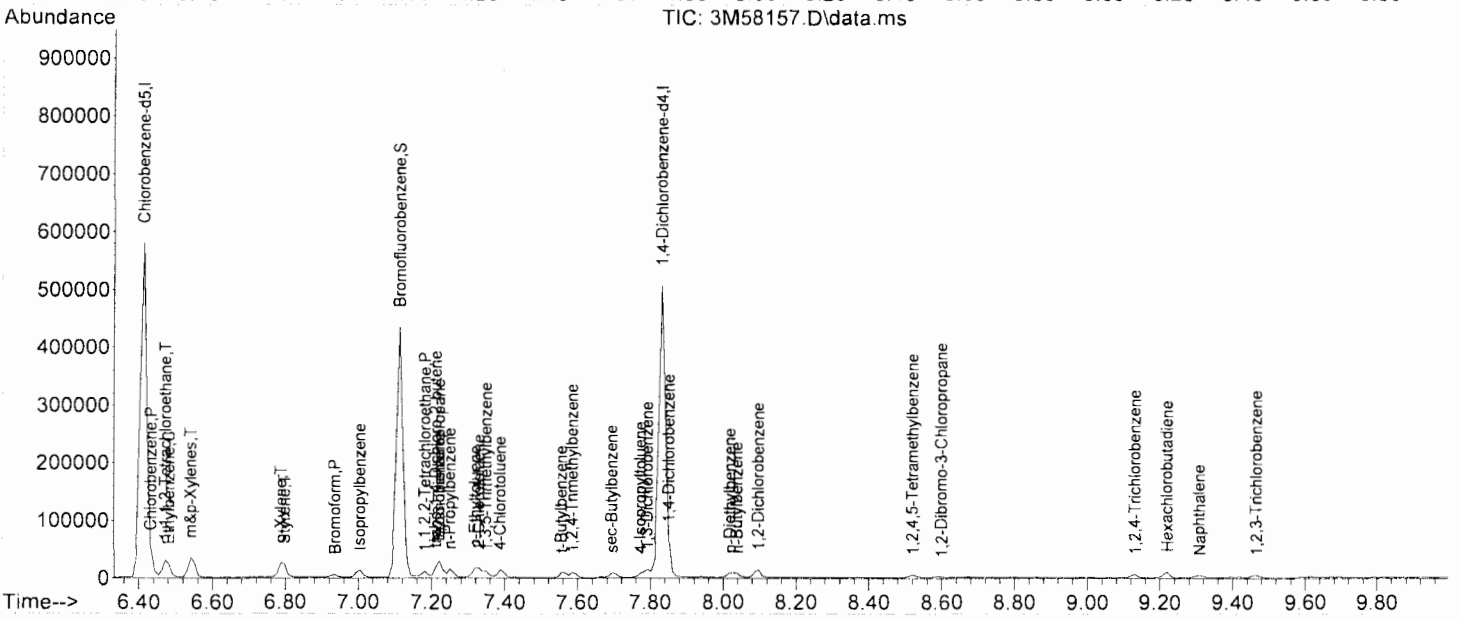
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 3M58157.D
Acq On : 01/13/09 08:54
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 3M A0113.M
Qt On : 01/13/09 11:18
Qt Upd On: 01/13/09 11:13
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1-Dichloroethene,C
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M58157.D\data.ms
n-Hexane
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 3M58157.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
Bromofluorobenzene,S
Bromoform,P
Isopropylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58158.D Sam Mult : 1 Vial# : 11 Qt On : 01/13/09 11:38
Acq On : 01/13/09 09:14 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	4.592	96	238014	30.00 ug/l	0.00
45) Chlorobenzene-d5	6.414	117	182203	30.00 ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.832	152	100182	30.00 ug/l	-0.01
System Monitoring Compounds					
30) Dibromofluoromethane	0.000	111	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
32) 1,2-Dichloroethane-d4	0.000	102	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
56) Toluene-d8	0.000	100	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
64) Bromofluorobenzene	0.000	174	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
Target Compounds					Qvalue
2) Chlorodifluoromethane	0.000		0	N.D. d	
3) Dichlorodifluoromethane	0.000		0	N.D. d	
4) Chloromethane	0.000		0	N.D. d	
5) Bromomethane	0.000		0	N.D.	
6) Vinyl Chloride	0.000		0	N.D.	
7) Chloroethane	0.000		0	N.D.	
8) Trichlorofluoromethane	0.000		0	N.D.	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D.	
10) Methylene Chloride	0.000		0	N.D. d	
11) Acrolein	0.000		0	N.D. d	
12) Acrylonitrile	0.000		0	N.D.	
13) Iodomethane	0.000		0	N.D.	
14) Acetone	0.000		0	N.D. d	
15) Carbon Disulfide	0.000		0	N.D. d	
16) t-Butyl Alcohol	0.000		0	N.D.	
17) n-Hexane	0.000		0	N.D.	
18) Di-isopropyl-ether	0.000		0	N.D. d	
19) 1,1-Dichloroethene	0.000		0	N.D. d	
20) Methyl Acetate	0.000		0	N.D. d	
21) Methyl-t-butyl ether	2.997	73	1873m	0.53 ug/l	
22) 1,1-Dichloroethane	0.000		0	N.D. d	
23) trans-1,2-Dichloroethene	0.000		0	N.D. d	
24) cis-1,2-Dichloroethene	0.000		0	N.D. d	
25) Bromochloromethane	0.000		0	N.D. d	
26) 2,2-Dichloropropane	0.000		0	N.D. d	
27) 1,4-Dioxane	0.000		0	N.D.	
28) 1,1-Dichloropropene	0.000		0	N.D. d	
29) Chloroform	0.000		0	N.D. d	
31) Cyclohexane	0.000		0	N.D. d	
33) 1,2-Dichloroethane	4.434	62	2458	0.53 ug/l	95
34) 2-Butanone	0.000		0	N.D.	
35) 1,1,1-Trichloroethane	0.000		0	N.D. d	
36) Carbon Tetrachloride	0.000		0	N.D. d	
37) Vinyl Acetate	0.000		0	N.D. d	
38) Bromodichloromethane	0.000		0	N.D. d	
39) Methylcyclohexane	0.000		0	N.D. d	
40) Dibromomethane	0.000		0	N.D. d	
41) 1,2-Dichloropropane	0.000		0	N.D. d	
42) Trichloroethene	0.000		0	N.D. d	
43) Benzene	4.425	78	5318	0.57 ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D. d	
46) Dibromochloromethane	0.000		0	N.D. d	
47) 2-Chloroethylvinylether	0.000		0	N.D.	
48) cis-1,3-Dichloropropene	0.000		0	N.D. d	
49) trans-1,3-Dichloropropene	0.000		0	N.D. d	
50) 1,1,2-Trichloroethane	0.000		0	N.D. d	
51) 1,2-Dibromoethane	0.000		0	N.D. d	
52) 1,3-Dichloropropane	0.000		0	N.D. d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D. d	
54) 2-Hexanone	0.000		0	N.D. d	
55) Tetrachloroethene	0.000		0	N.D.	
57) Toluene	0.000		0	N.D. d	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D. d	
59) Chlorobenzene	0.000		0	N.D. d	
61) Bromoform	0.000		0	N.D.	
62) Ethylbenzene	0.000		0	N.D. d	
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
65) Styrene	0.000		0	N.D. d	
66) m&p-Xylenes	0.000		0	N.D. d	

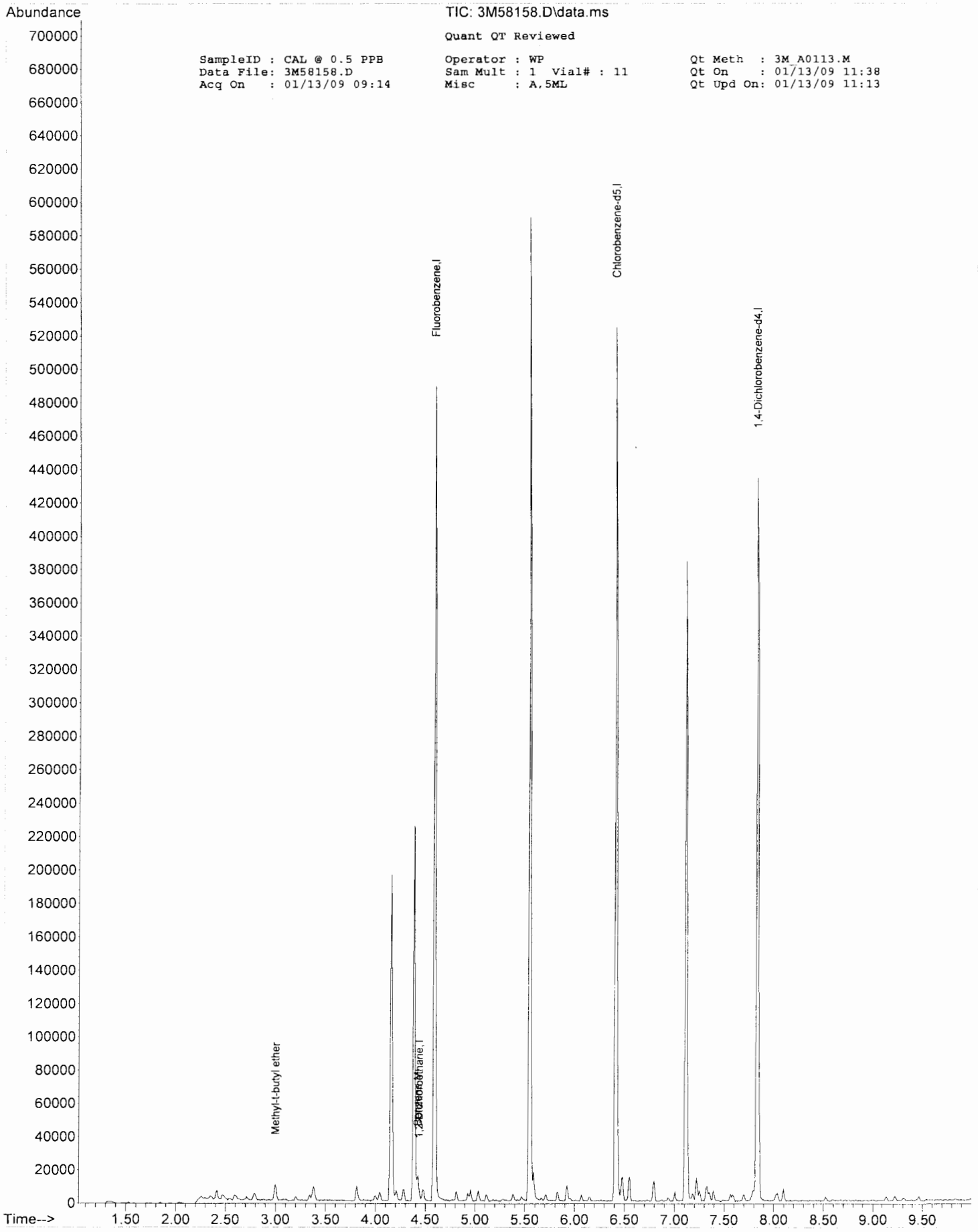
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58158.D Sam Mult : 1 Vial# : 11 Qt On : 01/13/09 11:38
Acq On : 01/13/09 09:14 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	0.000		0	N.D. d	
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	
69) 1,3-Dichlorobenzene	0.000		0	N.D. d	
70) 1,4-Dichlorobenzene	0.000		0	N.D. d	
71) 1,2-Dichlorobenzene	0.000		0	N.D. d	
72) Isopropylbenzene	0.000		0	N.D. d	
73) Cyclohexanone	0.000		0	N.D.	
74) 1,2,3-Trichloropropane	0.000		0	N.D. d	
75) 2-Chlorotoluene	0.000		0	N.D. d	
76) p-Ethyltoluene	0.000		0	N.D. d	
77) 4-Chlorotoluene	0.000		0	N.D. d	
78) n-Propylbenzene	0.000		0	N.D. d	
79) Bromobenzene	0.000		0	N.D. d	
80) 1,3,5-Trimethylbenzene	0.000		0	N.D. d	
81) t-Butylbenzene	0.000		0	N.D. d	
82) 1,2,4-Trimethylbenzene	0.000		0	N.D. d	
83) sec-Butylbenzene	0.000		0	N.D. d	
84) 4-Isopropyltoluene	0.000		0	N.D. d	
85) n-Butylbenzene	0.000		0	N.D. d	
86) p-Diethylbenzene	0.000		0	N.D. d	
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D. d	
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.	
89) Hexachlorobutadiene	0.000		0	N.D.	
90) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
91) 1,2,3-Trichlorobenzene	0.000		0	N.D.	
92) Naphthalene	0.000		0	N.D. d	

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


Abundance
TIC: 3M58158.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 3M58158.D
Acq On : 01/13/09 09:14
Operator : WP
Sam Mult : 1 Vial# : 11
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:38
Qt Upd On: 01/13/09 11:13
Fluorobenzene,I
Chlorobenzene-d5,I
1,4-Dichlorobenzene-d4,I
Methyl-t-butyl ether
Time-->

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M40507.	CAL @ 20 PPB	01/13/09 11:47	2	1M40509.	CAL @ 5 PPB	01/13/09 12:21
3	1M40508.	CAL @ 10 PPB	01/13/09 12:04	4	1M40506.	CAL @ 50 PPB	01/13/09 11:30
5	1M40505.	CAL @ 100 PPB	01/13/09 11:13	6	1M40504.	CAL @ 250 PPB	01/13/09 10:56
7	1M40503.	CAL @ 500 PPB	01/13/09 10:39	8	1M40511.	CAL @ 1 PPB	01/13/09 12:55

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.6924	0.6560	0.7511	0.6398	0.6485	0.5897	0.5888	-----	-----	0.652	1.40	1.00	1.00	8.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dichlorodifluoromethan	1	0	Avg	0.2856	0.3008	0.2806	0.2697	0.2776	0.2557	0.2623	-----	-----	0.276	1.40	1.00	1.00	5.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Chloromethane	1	0	LinF	0.2167	0.2785	0.2332	0.1903	0.1893	0.1785	0.1933	-----	-----	0.211	1.52	0.998	1.00	17	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromomethane	1	0	LinF	0.0623	0.0713	0.0565	0.0560	0.0410	0.0427	-----	-----	-----	0.0550	1.83	0.995	0.995	21		20.00	5.00	10.00	50.00	100.0	250.0			
Vinyl Chloride	1	0	Avg	0.1374	0.1661	0.1372	0.1277	0.1343	0.1178	-----	-----	-----	0.137	1.60	0.997	1.00	12	*(30)	20.00	5.00	10.00	50.00	100.0	250.0			
Chloroethane	1	0	LinF	0.0821	0.1055	0.0748	0.0659	0.0573	0.0556	0.0516	-----	-----	0.0704	1.90	0.999	1.00	27		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Trichlorofluoromethane	1	0	Avg	0.4809	0.5087	0.4713	0.4405	0.3933	0.3567	-----	-----	-----	0.442	2.07	0.998	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.3175	0.3431	0.3246	0.2899	0.2769	0.2320	-----	-----	-----	0.297	2.45	0.994	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
Methylene Chloride	1	0	Lin	0.3402	0.4233	0.3538	0.3176	0.3022	0.2668	-----	-----	-----	0.334	2.81	0.997	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0			
Acrolein	1	0	Avg	0.0439	0.0508	0.0436	0.0455	0.0449	0.0406	0.0332	-----	-----	0.0433	2.40	0.988	1.00	12		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
Acrylonitrile	1	0	Avg	0.0851	0.1013	0.0967	0.0812	0.0789	0.0682	-----	-----	-----	0.0853	3.01	0.996	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0			
Iodomethane	1	0	Avg	0.3369	0.3877	0.3366	0.3268	0.3280	0.3048	0.3048	-----	-----	0.332	2.58	1.00	1.00	8.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Acetone	1	0	Lin	0.0709	0.0985	0.0798	0.0665	0.0631	0.0585	0.0536	-----	-----	0.0702	2.51	0.998	1.00	22		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
Carbon Disulfide	1	0	Avg	1.0655	1.2331	1.0586	0.9826	0.9475	0.8160	-----	-----	-----	1.02	2.63	0.996	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0			
t-Butyl Alcohol	1	0	Avg	0.0044	0.0048	0.0050	0.0051	0.0052	0.0046	0.0042	-----	-----	0.00480	2.46	0.997	1.00	7.9		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
n-Hexane	1	0	Avg	0.4698	0.5376	0.4827	0.4358	0.4284	0.3681	-----	-----	-----	0.454	3.22	0.996	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
Di-isopropyl-ether	1	0	Avg	1.5992	1.6328	1.5907	1.4884	1.4003	1.1299	-----	-----	-----	1.47	3.37	0.990	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
1.1-Dichloroethene	1	0	Avg	0.6469	0.6951	0.5874	0.6103	0.5947	0.5242	0.4798	-----	-----	0.591	2.46	0.997	1.00	12	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methyl Acetate	1	0	LinF	0.3529	0.4949	0.3988	0.3289	0.3185	0.2932	0.2673	-----	-----	0.351	2.51	0.998	1.00	22		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methyl-t-butyl ether	1	0	Avg	0.5963	0.6321	0.6010	0.5723	0.5464	0.4572	-----	0.7046	-----	0.587	3.01	0.994	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1-Dichloroethane	1	0	Avg	0.7128	0.7951	0.7314	0.6853	0.6776	0.5941	0.5366	-----	-----	0.676	3.34	0.996	1.00	13	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
trans-1.2-Dichloroether	1	0	Avg	0.3246	0.3681	0.3260	0.2994	0.2778	0.2316	-----	-----	-----	0.305	3.02	0.993	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0			
cis-1.2-Dichloroethene	1	0	Avg	0.7347	0.7912	0.7063	0.6869	0.6580	0.5532	-----	-----	-----	0.688	3.81	0.994	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0			
Bromochloromethane	1	0	Avg	0.4210	0.4810	0.4291	0.4021	0.3839	0.3435	0.3173	-----	-----	0.397	3.99	0.998	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2.2-Dichloropropane	1	0	Avg	0.4578	0.4756	0.4264	0.4360	0.4286	0.3641	0.3015	-----	-----	0.413	3.81	0.988	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.4-Dioxane	1	0	Avg	0.0026	0.0030	0.0028	0.0025	0.0024	0.0021	-----	-----	-----	0.00262	5.02	0.998	1.00	11		1000.	250.0	500.0	2500.	5000.	1250			
1.1-Dichloropropene	1	0	Avg	0.5510	0.6164	0.5414	0.4960	0.4709	0.3888	-----	-----	-----	0.511	4.27	0.993	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0			
Chloroform	1	0	Avg	0.6136	0.6862	0.5992	0.5718	0.5503	0.4771	0.4341	-----	-----	0.562	4.03	0.996	1.00	15	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dibromofluoromethane	1	0	Avg	0.2242	0.2327	0.2287	0.2203	0.2171	0.1794	0.1659	0.2633	-----	0.216	4.14	-1	-1	14		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Cyclohexane	1	0	Avg	0.8229	0.8979	0.8265	0.7710	0.7298	0.5917	-----	-----	-----	0.773	4.20	0.991	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0			
1.2-Dichloroethane-d4	1	0	Avg	0.0504	0.0465	0.0499	0.0587	0.0385	-----	-----	0.0417	-----	0.0477	4.38	-1	-1	15		30.00	30.00	30.00	30.00	30.00			30.00	
1.2-Dichloroethane	1	0	Avg	0.4757	0.5608	0.4853	0.4440	0.4243	0.3650	-----	-----	-----	0.459	4.42	0.996	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0			
2-Butanone	1	0	Avg	0.1222	0.1399	0.1282	0.1086	0.1089	0.1043	0.0878	-----	-----	0.114	3.82	0.992	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1.1-Trichloroethane	1	0	Avg	0.5117	0.5759	0.5006	0.4711	0.4537	0.3844	-----	-----	-----	0.483	4.16	0.995	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
Carbon Tetrachloride	1	0	Avg	0.4602	0.5118	0.4449	0.4189	0.3945	-----	-----	-----	-----	0.446	4.27	0.999	1.00	10		20.00	5.00	10.00	50.00	100.0				
Vinyl Acetate	1	0	Avg	1.2262	1.3188	1.2133	1.1645	1.1065	0.9420	-----	-----	-----	1.16	3.37	0.995	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0			
Bromodichloromethane	1	0	Avg	0.5337	0.6294	0.5336	0.4969	0.4876	0.4236	-----	-----	-----	0.518	5.10	0.997	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
Methylcyclohexane	1	0	Avg	0.7607	0.8289	0.7742	0.7089	0.6514	-----	-----	-----	-----	0.745	4.91	0.998	1.00	9.1		20.00	5.00	10.00	50.00	100.0				
Dibromomethane	1	0	Avg	0.2706	0.3208	0.2729	0.2476	0.2399	0.2150	-----	-----	-----	0.261	5.02	0.998	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0			
1.2-Dichloropropane	1	0	Avg	0.4884	0.5514	0.4765	0.4456	0.4226	0.3449	-----	-----	-----	0.455	4.94	0.992	1.00	15	*(30)	20.00	5.00	10.00	50.00	100.0	250.0			
Trichloroethene	1	0	Avg	0.4630	0.5261	0.4543	0.4239	0.4106	0.3535	-----	-----	-----	0.439	4.80	0.996	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 15.2

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M40507.	CAL @ 20 PPB	01/13/09 11:47	2	1M40509.	CAL @ 5 PPB	01/13/09 12:21
3	1M40508.	CAL @ 10 PPB	01/13/09 12:04	4	1M40506.	CAL @ 50 PPB	01/13/09 11:30
5	1M40505.	CAL @ 100 PPB	01/13/09 11:13	6	1M40504.	CAL @ 250 PPB	01/13/09 10:56
7	1M40503.	CAL @ 500 PPB	01/13/09 10:39	8	1M40511.	CAL @ 1 PPB	01/13/09 12:55

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	LinF	1.5567	1.8650	1.5881	1.4080	1.3146	-----	-----	2.3589	-----	1.68	4.41	0.999	1.00	23		20.00	5.00	10.00	50.00	100.0			1.00	
tert-Amyl methyl ether	1	0	LinF	0.7044	0.7404	1.0296	0.6848	0.6562	0.5372	-----	-----	-----	0.725	4.46	0.992	0.999	23		20.00	5.00	10.00	50.00	100.0	250.0			
Dibromochloromethane	1	0	Avg	0.4495	0.5278	0.4603	0.4162	0.4163	0.3863	0.3435	-----	-----	0.429	6.05	0.996	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Chloroethylvinylether	1	0	Avg	0.1242	0.1271	0.1167	0.1279	0.1335	0.1302	0.1277	-----	-----	0.127	5.27	1.00	1.00	4.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
cis-1.3-Dichloropropene	1	0	Avg	0.6007	0.6366	0.5712	0.5908	0.5926	0.5875	0.5632	-----	-----	0.592	5.36	1.00	1.00	4.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
trans-1.3-Dichloropropc	1	0	Avg	0.4622	0.4833	0.4495	0.4654	0.4768	0.4897	0.4806	-----	-----	0.473	5.69	1.00	1.00	3.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1.2-Trichloroethane	1	0	LinF	0.3566	0.4426	0.3713	0.3155	0.3068	0.2848	-----	-----	-----	0.346	5.81	0.999	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0			
1.2-Dibromoethane	1	0	Avg	0.3030	0.3655	0.3176	0.2795	0.2801	0.2733	0.2605	-----	-----	0.297	6.13	0.999	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3-Dichloropropane	1	0	LinF	0.5939	0.7006	0.6097	0.5441	0.5020	0.4349	-----	-----	-----	0.564	5.91	0.996	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0			
4-Methyl-2-Pentanone	1	0	Avg	0.3488	0.3878	0.3404	0.3397	0.3489	0.3484	0.3195	-----	-----	0.348	5.44	0.998	1.00	5.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Hexanone	1	0	Avg	0.2571	0.2468	0.2249	0.2334	0.2353	0.2382	0.2177	-----	-----	0.236	5.94	0.998	1.00	5.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Tetrachloroethene	1	0	LinF	0.5592	0.6996	0.5642	0.5012	0.4531	-----	-----	-----	-----	0.556	5.90	0.998	1.00	17		20.00	5.00	10.00	50.00	100.0				
Toluene-d8	1	0	Avg	0.8430	0.8367	0.8474	0.8617	0.8713	0.9088	0.9596	0.8318	-----	0.870	5.53	-1	-1	5.0		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	LinF	1.2749	1.7643	1.3899	1.1087	1.0135	-----	-----	2.1412	-----	1.45	5.57	0.998	1.00	30	*(30)	20.00	5.00	10.00	50.00	100.0			1.00	
1.1.1.2-Tetrachloroetha	1	0	LinF	0.4414	0.5495	0.4554	0.3973	0.3545	-----	-----	-----	-----	0.440	6.45	0.997	1.00	17		20.00	5.00	10.00	50.00	100.0				
Chlorobenzene	1	0	Avg	1.3648	1.6313	1.3784	1.2204	1.1292	-----	-----	-----	-----	1.34	6.41	0.999	1.00	14	**(0.300)	20.00	5.00	10.00	50.00	100.0				
Bromoform	1	0	Avg	0.5481	0.6301	0.5678	0.5322	0.5565	0.5529	0.5354	-----	-----	0.560	6.91	1.00	1.00	5.9	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Ethylbenzene	1	0	LinF	0.9682	1.1011	0.9464	0.7709	0.7083	-----	-----	1.0387	-----	0.922	6.46	0.995	0.998	17	*(30)	20.00	5.00	10.00	50.00	100.0			1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	0.7625	0.8970	0.7818	0.7189	0.7383	0.6978	0.6721	-----	-----	0.753	7.16	1.00	1.00	9.8	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromofluorobenzene	1	0	Avg	0.8443	0.8192	0.8271	0.8667	0.9172	1.0070	1.1665	0.8151	-----	0.908	7.09	-1	-1	14		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	2.2873	2.7163	2.3140	2.0728	1.8845	-----	-----	-----	-----	2.26	6.77	0.998	1.00	14		20.00	5.00	10.00	50.00	100.0				
m&p-Xylenes	1	0	LinF	1.4304	1.8730	1.4881	1.2137	1.0550	-----	-----	1.9269	-----	1.50	6.53	0.994	0.999	23		40.00	10.00	20.00	100.0	200.0			2.00	
o-Xylene	1	0	Avg	1.4207	1.7327	1.4196	1.2550	1.1498	-----	-----	1.6413	-----	1.44	6.76	0.997	1.00	15		20.00	5.00	10.00	50.00	100.0			1.00	
trans-1.4-Dichloro-2-bu	1	0	LinF	0.2329	0.3454	0.2766	0.2428	0.2475	0.2204	0.1873	-----	-----	0.250	7.19	0.992	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3-Dichlorobenzene	1	0	LinF	2.0720	2.7995	2.1079	1.8070	1.6783	-----	-----	-----	-----	2.09	7.77	0.999	1.00	21		20.00	5.00	10.00	50.00	100.0				
1.4-Dichlorobenzene	1	0	LinF	2.0488	2.8219	2.1014	1.8300	1.7602	1.4279	-----	-----	-----	2.00	7.83	0.992	1.00	23		20.00	5.00	10.00	50.00	100.0	250.0			
1.2-Dichlorobenzene	1	0	LinF	1.8631	2.4152	1.8476	1.6894	1.6738	1.3794	-----	-----	-----	1.81	8.08	0.993	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0			
Isopropylbenzene	1	0	Avg	3.8857	4.9212	3.7337	3.5144	3.3075	-----	-----	3.7867	-----	3.86	6.98	0.999	1.00	15		20.00	5.00	10.00	50.00	100.0			1.00	
Cyclohexanone	1	0	LinF	0.0664	-----	0.0798	0.0552	0.0564	0.0549	-----	-----	-----	0.0626	7.07	1.00	1.00	17		10.00		5.00	25.00	50.00	125.0			
1.2.3-Trichloropropane	1	0	LinF	0.9111	1.1370	0.9316	0.8456	0.8339	0.6975	-----	-----	-----	0.893	7.20	0.994	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0			
2-Chlorotoluene	1	0	LinF	2.3089	2.9929	2.3198	1.9900	1.7407	-----	-----	-----	-----	2.27	7.31	0.996	1.00	21		20.00	5.00	10.00	50.00	100.0				
o-Ethyltoluene	1	0	Qua	3.8132	5.1435	4.6817	3.6817	2.9339	2.0138	1.5391	-----	-----	3.40	7.30	0.962	0.993	39		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
4-Chlorotoluene	1	0	LinF	2.3057	2.7387	2.1309	1.9326	1.8608	-----	-----	-----	-----	2.19	7.37	0.999	0.999	16		20.00	5.00	10.00	50.00	100.0				
n-Propylbenzene	1	0	LinF	4.7784	6.6278	4.6418	4.2109	3.9121	-----	-----	5.0187	-----	4.86	7.23	0.998	0.999	20		20.00	5.00	10.00	50.00	100.0			1.00	
Bromobenzene	1	0	LinF	2.2620	2.7474	2.3036	2.0844	2.0255	1.6560	-----	-----	-----	2.18	7.20	0.992	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0			
1.3.5-Trimethylbenzene	1	0	LinF	3.5081	4.2005	2.7989	2.6139	2.7876	-----	-----	3.4034	-----	3.22	7.34	0.995	0.995	19		20.00	5.00	10.00	50.00	100.0			1.00	
t-Butylbenzene	1	0	LinF	3.3121	4.5495	3.1442	2.9661	2.7969	-----	-----	3.1914	-----	3.33	7.54	0.998	0.999	19		20.00	5.00	10.00	50.00	100.0			1.00	
1.2.4-Trimethylbenzene	1	0	LinF	3.5220	5.0537	3.6143	3.0873	2.8752	-----	-----	4.0964	-----	3.71	7.56	0.998	0.999	21		20.00	5.00	10.00	50.00	100.0			1.00	
sec-Butylbenzene	1	0	LinF	4.4335	6.2733	4.1053	3.8781	3.6371	-----	-----	4.3015	-----	4.44	7.67	0.998	0.999	21		20.00	5.00	10.00	50.00	100.0			1.00	
4-Isopropyltoluene	1	0	LinF	3.7066	5.3123	3.3973	3.1984	2.8919	-----	-----	3.3839	-----	3.65	7.75	0.996	0.999	24		20.00	5.00	10.00	50.00	100.0			1.00	
n-Butylbenzene	1	0	LinF	4.5854	6.5555	4.4012	3.9136	3.6438	-----	-----	4.6998	-----	4.63	8.01	0.997	0.999	22		20.00	5.00	10.00	50.00	100.0			1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 15.2
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M40507.	CAL @ 20 PPB	01/13/09 11:47	2	1M40509.	CAL @ 5 PPB	01/13/09 12:21
3	1M40508.	CAL @ 10 PPB	01/13/09 12:04	4	1M40506.	CAL @ 50 PPB	01/13/09 11:30
5	1M40505.	CAL @ 100 PPB	01/13/09 11:13	6	1M40504.	CAL @ 250 PPB	01/13/09 10:56
7	1M40503.	CAL @ 500 PPB	01/13/09 10:39	8	1M40511.	CAL @ 1 PPB	01/13/09 12:55

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	Avg	2.6046	2.7947	2.6177	2.2593	2.0740	-----	-----	-----	-----	2.47	8.00	0.998	1.00	12	20.00	5.00	10.00	50.00	100.0				
1.2.4.5-Tetramethylber	1	0	Avg	4.1326	4.2899	4.1890	3.7782	3.5207	-----	-----	-----	-----	3.98	8.50	0.999	1.00	8.1	20.00	5.00	10.00	50.00	100.0				
1.2-Dibromo-3-Chloropr	1	0	Avg	0.1575	0.2009	0.1569	0.1532	0.1680	0.1692	0.1667	-----	-----	0.168	8.57	1.00	1.00	9.6	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Hexachlorobutadiene	1	0	LinF	1.4081	1.9660	1.1552	1.1901	1.1744	-----	-----	-----	-----	1.38	9.19	0.998	0.998	25	20.00	5.00	10.00	50.00	100.0				
1.2.4-Trichlorobenzene	1	0	LinF	1.7358	2.4888	1.6490	1.5477	1.5669	1.2791	-----	-----	-----	1.71	9.10	0.993	0.999	24	20.00	5.00	10.00	50.00	100.0	250.0			
1.2.3-Trichlorobenzene	1	0	LinF	1.6431	2.3094	1.5951	1.4355	1.4562	1.1998	-----	-----	-----	1.61	9.44	0.994	1.00	24	20.00	5.00	10.00	50.00	100.0	250.0			
Naphthalene	1	0	Avg	2.4848	3.0848	2.4104	2.2775	2.3154	1.9850	-----	2.3185	-----	2.41	9.28	0.996	1.00	14	20.00	5.00	10.00	50.00	100.0	250.0		1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 15.2
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40507.D Sam Mult : 1 Vial# : 8 Qt On : 01/13/09 12:07
Acq On : 01/13/09 11:47 Misc : S,5G Qt Upd On: 01/13/09 12:07

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.576	96	347092	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.390	117	304878	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.809	152	179947	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.143	111	77828	24.73	ug/l	0.00
Spiked Amount 30.000			Recovery =	82.43%		
32) 1,2-Dichloroethane-d4	4.379	102	17505	27.27	ug/l	0.00
Spiked Amount 30.000			Recovery =	90.90%		
56) Toluene-d8	5.532	100	257028	29.02	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.73%		
64) Bromofluorobenzene	7.090	174	151937	29.66	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.87%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.399	51	160225	21.96	ug/l	52
3) Dichlorodifluoromethane	1.399	85	66103	18.04	ug/l	90
4) Chloromethane	1.516	50	50146	13.72	ug/l	94
5) Bromomethane	1.834	94	14425	10.82	ug/l	98
6) Vinyl Chloride	1.600	62	31803	10.39	ug/l	100
7) Chloroethane	1.901	64	19009	12.68	ug/l	99
8) Trichlorofluoromethane	2.069	101	111299	21.17	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.448	101	73487	21.76	ug/l	98
10) Methylene Chloride	2.812	84	78723	21.62	ug/l	94
11) Acrolein	2.398	56	50855	262.94	ug/l	94
12) Acrylonitrile	3.009	53	19700	27.33	ug/l	94
13) Todomethane	2.576	142	77963	19.70	ug/l	93
14) Acetone	2.507	43	82062	111.39	ug/l	97
15) Carbon Disulfide	2.635	76	246563	31.42	ug/l	100
16) t-Butyl Alcohol	2.457	59	5146	93.77	ug/l	100
17) n-Hexane	3.216	57	108710	32.29	ug/l	83
18) Di-isopropyl-ether	3.374	45	370049	31.13	ug/l	83
19) 1,1-Dichloroethene	2.457	61	149691	21.43	ug/l	97
20) Methyl Acetate	2.507	43	81669	22.28	ug/l	100
21) Methyl-t-butyl ether	3.009	73	137999	22.67	ug/l	68
22) 1,1-Dichloroethane	3.344	63	164958	24.02	ug/l	96
23) trans-1,2-Dichloroethene	3.019	96	75118	21.62	ug/l	69
24) cis-1,2-Dichloroethene	3.808	61	170013	24.19	ug/l	85
25) Bromochloromethane	3.985	49	97429	25.56	ug/l	73
26) 2,2-Dichloropropane	3.808	77	105945	20.20	ug/l	94
27) 1,4-Dioxane	5.020	88	30900	1232.27	ug/l	67
28) 1,1-Dichloropropene	4.271	75	127516	26.53	ug/l	99
29) Chloroform	4.034	83	141987	20.82	ug/l	99
31) Cyclohexane	4.202	56	190434	34.31	ug/l	84
33) 1,2-Dichloroethane	4.419	62	110075	19.44	ug/l	96
34) 2-Butanone	3.818	43	28296	28.42	ug/l	81
35) 1,1,1-Trichloroethane	4.162	97	118409	19.69	ug/l	99
36) Carbon Tetrachloride	4.271	117	106506	18.73	ug/l	97
37) Vinyl Acetate	3.374	43	283751	29.31	ug/l	100
38) Bromodichloromethane	5.099	83	123501	21.46	ug/l	94
39) Methylcyclohexane	4.912	83	176032	31.07	ug/l	79
40) Dibromomethane	5.020	174	62635	23.89	ug/l	94
41) 1,2-Dichloropropane	4.941	63	113031	31.06	ug/l	98
42) Trichloroethene	4.803	130	107142	24.85	ug/l	97
43) Benzene	4.409	78	360231	26.03	ug/l	100
44) tert-Amyl methyl ether	4.458	73	163005	24.98	ug/l	91
46) Dibromochloromethane	6.055	129	91362	20.11	ug/l	97
47) 2-Chloroethylvinylether	5.266	63	25251	25.17	ug/l	91
48) cis-1,3-Dichloropropene	5.365	75	122097	21.23	ug/l	96
49) trans-1,3-Dichloropropene	5.690	75	93962	18.61	ug/l	95
50) 1,1,2-Trichloroethane	5.808	97	72495	24.16	ug/l	98
51) 1,2-Dibromoethane	6.134	107	61593	21.56	ug/l	98
52) 1,3-Dichloropropane	5.907	76	120724	25.24	ug/l	100
53) 4-Methyl-2-Pentanone	5.444	43	70898	29.11	ug/l	96
54) 2-Hexanone	5.936	43	52261	30.64	ug/l	95
55) Tetrachloroethene	5.897	164	113672	24.06	ug/l	100
57) Toluene	5.572	92	259126	22.26	ug/l	95
58) 1,1,1,2-Tetrachloroethane	6.449	133	89726	19.76	ug/l	88
59) Chlorobenzene	6.410	112	277404	23.35	ug/l	98
61) Bromoform	6.912	173	65754	20.74	ug/l	96
62) Ethylbenzene	6.459	106	116153	23.54	ug/l	99
63) 1,1,2,2-Tetrachloroethane	7.159	83	91473	25.02	ug/l	86
65) Styrene	6.774	104	274397	22.56	ug/l	94
66) m&p-Xylenes	6.528	106	343211	45.00	ug/l	94

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 1M40507.D
Acq On : 01/13/09 11:47

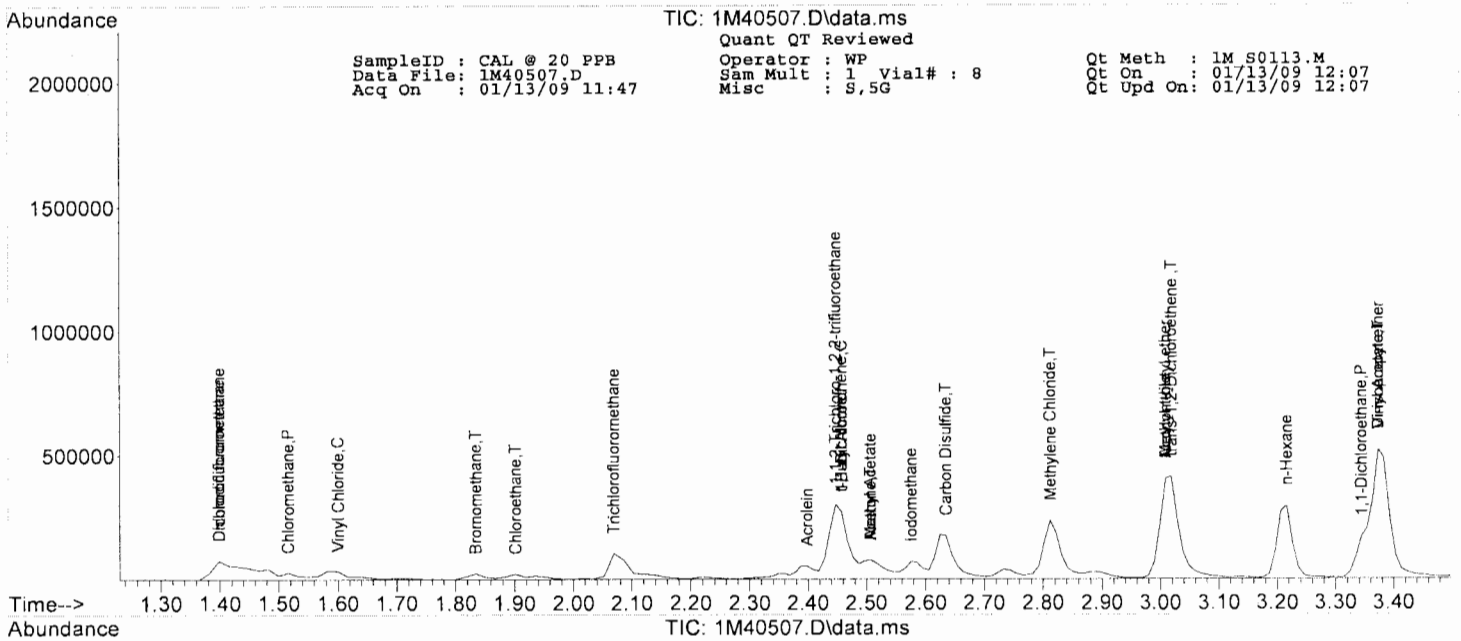
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G

Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:07
Qt Upd On: 01/13/09 12:07

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.764	106	170437	23.52 ug/l	85
68) trans-1,4-Dichloro-2-b...	7.188	53	27941	20.66 ug/l	96
69) 1,3-Dichlorobenzene	7.770	146	248578	23.55 ug/l	97
70) 1,4-Dichlorobenzene	7.829	146	245792	24.44 ug/l	95
71) 1,2-Dichlorobenzene	8.075	146	223514	23.87 ug/l	96
72) Isopropylbenzene	6.981	105	466148	23.69 ug/l	98
73) Cyclohexanone	7.070	55	3987	122.62 ug/l	90
74) 1,2,3-Trichloropropane	7.198	75	109310	24.40 ug/l	91
75) 2-Chlorotoluene	7.306	91	276992	25.07 ug/l	97
76) p-Ethyltoluene	7.297	105	457456	23.04 ug/l	99
77) 4-Chlorotoluene	7.366	91	276608	22.39 ug/l	96
78) n-Propylbenzene	7.228	91	573242	22.26 ug/l	95
79) Bromobenzene	7.198	77	271360	26.04 ug/l	90
80) 1,3,5-Trimethylbenzene	7.326	105	420853m	21.48 ug/l	
81) t-Butylbenzene	7.543	119	397340	23.47 ug/l	96
82) 1,2,4-Trimethylbenzene	7.563	105	422525	22.93 ug/l	92
83) sec-Butylbenzene	7.671	105	531863	24.22 ug/l	99
84) 4-Isopropyltoluene	7.750	119	444671	22.85 ug/l	96
85) n-Butylbenzene	8.006	91	550093	23.11 ug/l	96
86) p-Diethylbenzene	7.996	119	312460	24.57 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.499	119	495771	31.90 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.568	157	18898	21.40 ug/l	95
89) Hexachlorobutadiene	9.189	225	168926	29.03 ug/l	98
90) 1,2,4-Trichlorobenzene	9.100	180	208241	28.99 ug/l	98
91) 1,2,3-Trichlorobenzene	9.435	180	197122	30.00 ug/l	96
92) Naphthalene	9.278	128	298092	30.53 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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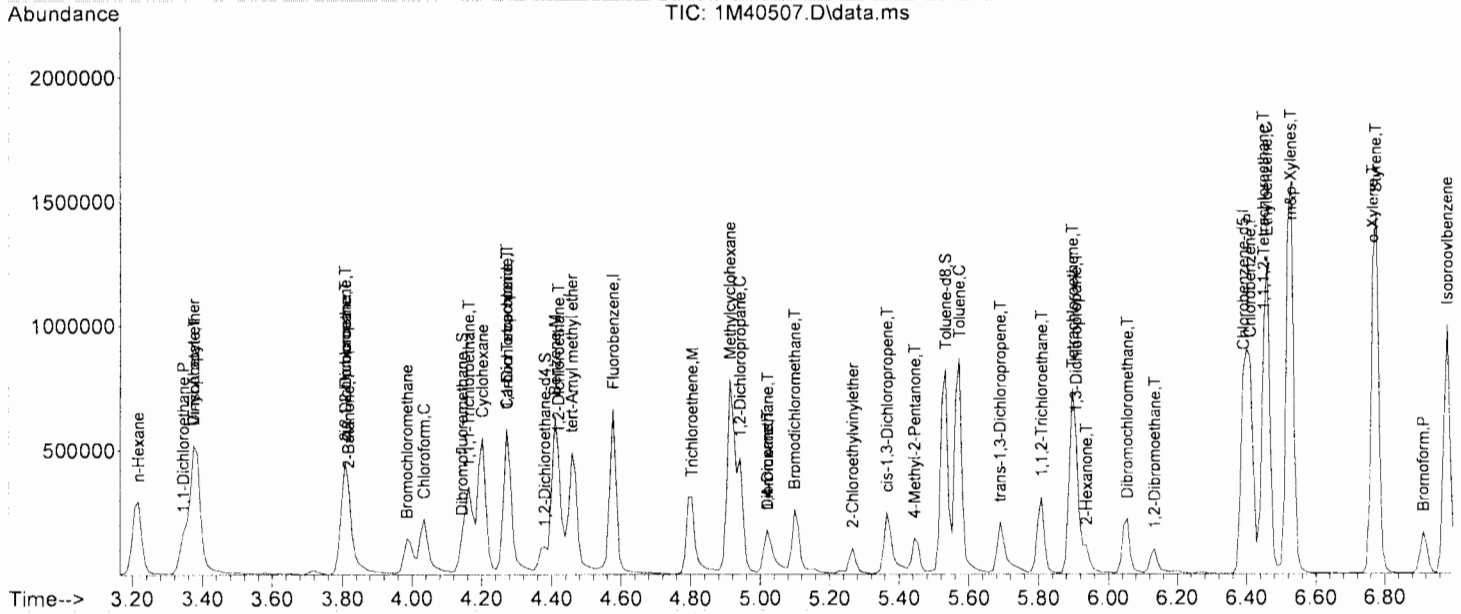
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 1M40507.D
Acq On : 01/13/09 11:47
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G
Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:07
Qt Upd On: 01/13/09 12:07
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
n-Hexane
1,1-Dichloroethane,P
Time-->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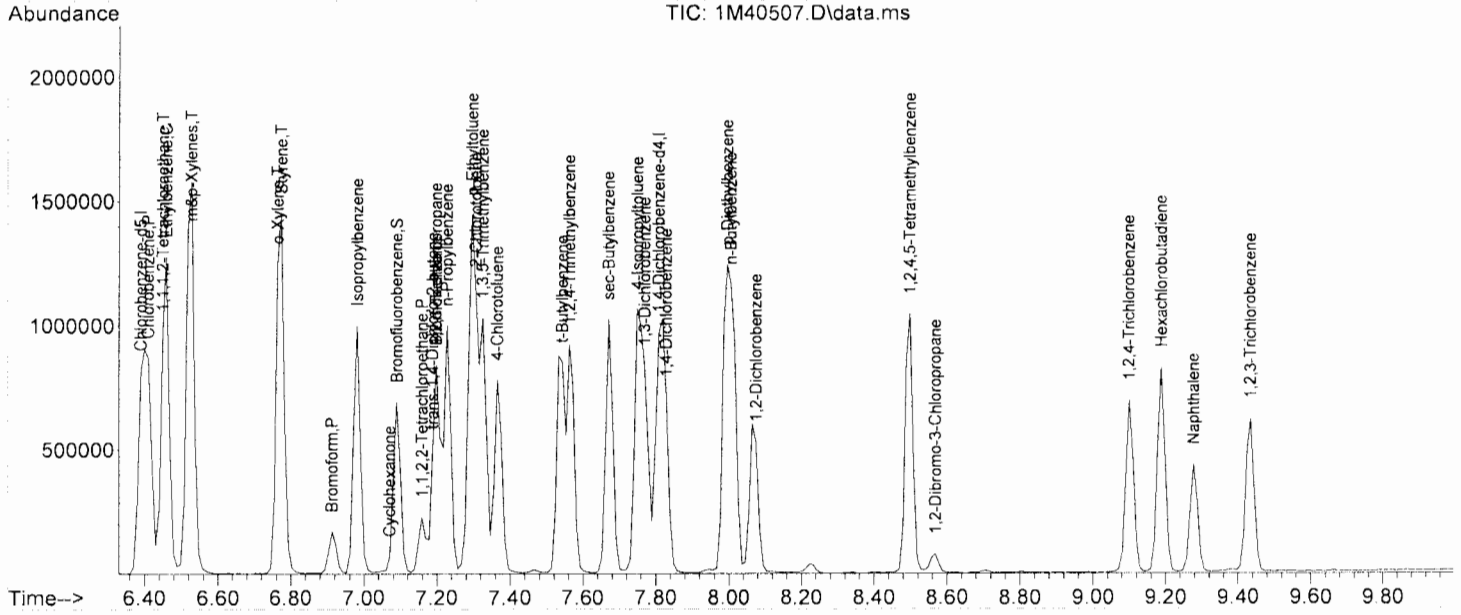
TIC: 1M40507.D\data.ms
n-Hexane
Bromochloromethane
Chloroform,C
Cyclohexane
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Time-->


Abundance
TIC: 1M40507.D\data.ms
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
4-Chlorotoluene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB
Data File: 1M40509.D
Acq On : 01/13/09 12:21

Operator : WP
Sam Mult : 1 Vial# : 10
Misc : S,5G

Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:38
Qt Upd On: 01/13/09 12:07

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.576	96	356609	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.399	117	311048	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.808	152	182130	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.152	111	82986	25.67	ug/l	0.00
Spiked Amount 30.000			Recovery =	85.57%		
32) 1,2-Dichloroethane-d4	4.379	102	16586	25.15	ug/l	0.00
Spiked Amount 30.000			Recovery =	83.83%		
56) Toluene-d8	5.532	100	260280	28.81	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.03%		
64) Bromofluorobenzene	7.099	174	149200	28.77	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.90%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.411	51	38994m	5.20	ug/l	
3) Dichlorodifluoromethane	1.394	85	17879	4.75	ug/l	91
4) Chloromethane	1.512	50	16558	4.41	ug/l	97
5) Bromomethane	1.830	94	4239	3.10	ug/l	97
6) Vinyl Chloride	1.595	62	9876	3.14	ug/l	91
7) Chloroethane	1.897	64	6276	4.08	ug/l	99
8) Trichlorofluoromethane	2.081	101	30235	5.60	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.447	101	20392	5.88	ug/l	95
10) Methylene Chloride	2.821	84	25160	6.73	ug/l	92
11) Acrolein	2.398	56	15124	76.11	ug/l	98
12) Acrylonitrile	3.009	53	6025	8.14	ug/l	78
13) Iodomethane	2.585	142	23046	5.67	ug/l	98
14) Acetone	2.516	43	29293	38.70	ug/l	96
15) Carbon Disulfide	2.634	76	73289	9.09	ug/l	100
16) t-Butyl Alcohol	2.457	59	1440	25.54	ug/l	66
17) n-Hexane	3.216	57	31957m	9.24	ug/l	
18) Di-isopropyl-ether	3.383	45	97048	7.95	ug/l	86
19) 1,1-Dichloroethene	2.457	61	41313	5.76	ug/l	92
20) Methyl Acetate	2.516	43	29417	7.81	ug/l	100
21) Methyl-t-butyl ether	3.019	73	37569m	6.01	ug/l	
22) 1,1-Dichloroethane	3.354	63	47260	6.70	ug/l	95
23) trans-1,2-Dichloroethene	3.028	96	21879	6.13	ug/l	82
24) cis-1,2-Dichloroethene	3.817	61	47029	6.51	ug/l	90
25) Bromochloromethane	3.994	49	28590	7.30	ug/l	77
26) 2,2-Dichloropropane	3.807	77	28270	5.25	ug/l	94
27) 1,4-Dioxane	5.029	88	8981	348.60	ug/l	70
28) 1,1-Dichloropropene	4.270	75	36637	7.42	ug/l	97
29) Chloroform	4.034	83	40789	5.82	ug/l	96
31) Cyclohexane	4.201	56	53372	9.36	ug/l	83
33) 1,2-Dichloroethane	4.428	62	33335	5.73	ug/l	97
34) 2-Butanone	3.827	43	8315	8.13	ug/l	76
35) 1,1,1-Trichloroethane	4.172	97	34232	5.54	ug/l	98
36) Carbon Tetrachloride	4.280	117	30419	5.21	ug/l	92
37) Vinyl Acetate	3.383	43	78387	7.88	ug/l	100
38) Bromodichloromethane	5.108	83	37411	6.33	ug/l	92
39) Methylcyclohexane	4.921	83	49269	8.46	ug/l	79
40) Dibromomethane	5.029	174	19071	7.08	ug/l	96
41) 1,2-Dichloropropane	4.940	63	32775	8.76	ug/l	99
42) Trichloroethene	4.802	130	31272	7.06	ug/l	96
43) Benzene	4.408	78	110847	7.79	ug/l	100
44) tert-Amyl methyl ether	4.467	73	44011	6.57	ug/l	81
46) Dibromochloromethane	6.054	129	27364	5.90	ug/l	94
47) 2-Chloroethylvinylether	5.266	63	6591	6.44	ug/l	92
48) cis-1,3-Dichloropropene	5.364	75	33004	5.63	ug/l	89
49) trans-1,3-Dichloropropene	5.699	75	25057	4.86	ug/l	95
50) 1,1,2-Trichloroethane	5.808	97	22946	7.50	ug/l	97
51) 1,2-Dibromoethane	6.133	107	18948	6.50	ug/l	85
52) 1,3-Dichloropropane	5.916	76	36322	7.44	ug/l	98
53) 4-Methyl-2-Pentanone	5.453	43	20104	8.09	ug/l	100
54) 2-Hexanone	5.936	43	12797	7.35	ug/l	92
55) Tetrachloroethene	5.896	164	36272	7.53	ug/l	99
57) Toluene	5.571	92	91465	7.70	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.458	133	28489	6.15	ug/l	97
59) Chlorobenzene	6.419	112	84570	6.98	ug/l	98
61) Bromoform	6.912	173	19127	5.96	ug/l	100
62) Ethylbenzene	6.458	106	33424	6.69	ug/l	93
63) 1,1,2,2-Tetrachloroethane	7.158	83	27229	7.36	ug/l	86
65) Styrene	6.774	104	82456	6.70	ug/l	91
66) m&p-Xylenes	6.527	106	113711	14.73	ug/l	98

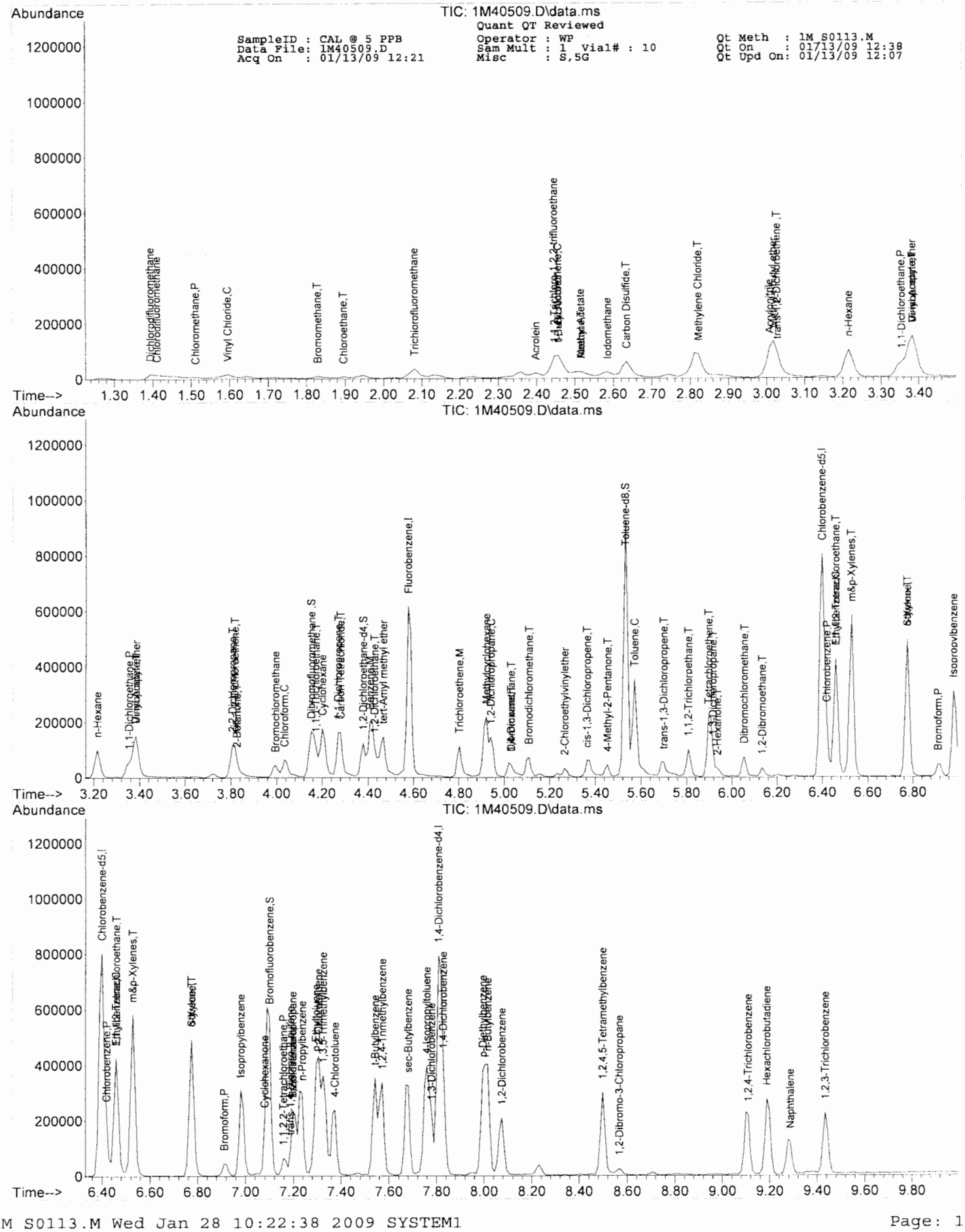
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40509.D Sam Mult : 1 Vial# : 10 Qt On : 01/13/09 12:38
Acq On : 01/13/09 12:21 Misc : S,5G Qt Upd On: 01/13/09 12:07

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.774	106	52596	7.17 ug/l	92
68) trans-1,4-Dichloro-2-b...	7.188	53	10486m	7.66 ug/l	
69) 1,3-Dichlorobenzene	7.779	146	84981	7.95 ug/l	97
70) 1,4-Dichlorobenzene	7.828	146	85659	8.42 ug/l	89
71) 1,2-Dichlorobenzene	8.075	146	73316	7.74 ug/l	96
72) Isopropylbenzene	6.981	105	149385	7.50 ug/l	97
73) Cyclohexanone	7.079	55	2119m	64.39 ug/l	
74) 1,2,3-Trichloropropane	7.197	75	34514	7.61 ug/l	92
75) 2-Chlorotoluene	7.306	91	90850	8.12 ug/l	98
76) p-Ethyltoluene	7.296	105	156132	7.77 ug/l	98
77) 4-Chlorotoluene	7.375	91	83136	6.65 ug/l	96
78) n-Propylbenzene	7.237	91	201187	7.72 ug/l	97
79) Bromobenzene	7.197	77	83399	7.91 ug/l	90
80) 1,3,5-Trimethylbenzene	7.325	105	127507	6.43 ug/l	42
81) t-Butylbenzene	7.542	119	138101	8.06 ug/l	96
82) 1,2,4-Trimethylbenzene	7.572	105	153405	8.23 ug/l	91
83) sec-Butylbenzene	7.680	105	190426	8.57 ug/l	99
84) 4-Isopropyltoluene	7.759	119	161257	8.19 ug/l	97
85) n-Butylbenzene	8.015	91	198994	8.26 ug/l	98
86) p-Diethylbenzene	7.996	119	84833	6.59 ug/l	94
87) 1,2,4,5-Tetramethylben...	8.498	119	130220	8.28 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.567	157	6101	6.83 ug/l	100
89) Hexachlorobutadiene	9.188	225	59679	10.13 ug/l	99
90) 1,2,4-Trichlorobenzene	9.109	180	75550	10.39 ug/l	100
91) 1,2,3-Trichlorobenzene	9.435	180	70102	10.54 ug/l	98
92) Naphthalene	9.287	128	93640	9.48 ug/l	100

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


Abundance
TIC: 1M40509.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 1M40509.D
Acq On : 01/13/09 12:21
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : S,5G
Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:38
Qt Upd On: 01/13/09 12:07
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB
Data File: 1M40508.D
Acq On : 01/13/09 12:04

Operator : WP
Sam Mult : 1 Vial# : 9
Misc : S,5G

Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:25
Qt Upd On: 01/13/09 12:07

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.575	96	352717	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.398	117	302973	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.808	152	178438	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.151	111	80698	25.23	ug/l	0.00
Spiked Amount 30.000			Recovery =	84.10%		
32) 1,2-Dichloroethane-d4	4.378	102	17631	27.03	ug/l	0.00
Spiked Amount 30.000			Recovery =	90.10%		
56) Toluene-d8	5.531	100	256763	29.18	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.27%		
64) Bromofluorobenzene	7.098	174	147590	29.05	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.83%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.399	51	88308m	11.91	ug/l	
3) Dichlorodifluoromethane	1.399	85	32999	8.86	ug/l	98
4) Chloromethane	1.516	50	27423	7.38	ug/l	91
5) Bromomethane	1.834	94	6645	4.91	ug/l	99
6) Vinyl Chloride	1.600	62	16132	5.18	ug/l	97
7) Chloroethane	1.901	64	8798	5.78	ug/l	96
8) Trichlorofluoromethane	2.069	101	55420	10.37	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.446	101	38166	11.12	ug/l	95
10) Methylene Chloride	2.811	84	41599	11.24	ug/l	94
11) Acrolein	2.397	56	25670	130.61	ug/l	90
12) Acrylonitrile	3.008	53	11372	15.53	ug/l	89
13) Iodomethane	2.584	142	39584	9.84	ug/l	100
14) Acetone	2.505	43	46922	62.68	ug/l	93
15) Carbon Disulfide	2.633	76	124466	15.61	ug/l	100
16) t-Butyl Alcohol	2.466	59	2970	53.26	ug/l	79
17) n-Hexane	3.215	57	56754m	16.59	ug/l	
18) Di-isopropyl-ether	3.382	45	187033	15.48	ug/l	87
19) 1,1-Dichloroethene	2.456	61	69073	9.73	ug/l	94
20) Methyl Acetate	2.505	43	46889	12.59	ug/l	100
21) Methyl-t-butyl ether	3.008	73	70663	11.42	ug/l	60
22) 1,1-Dichloroethane	3.343	63	85997	12.33	ug/l	99
23) trans-1,2-Dichloroethene	3.018	96	38339	10.86	ug/l	71
24) cis-1,2-Dichloroethene	3.806	61	83051	11.63	ug/l	82
25) Bromochloromethane	3.984	49	50459	13.03	ug/l	67
26) 2,2-Dichloropropane	3.806	77	50139	9.41	ug/l	91
27) 1,4-Dioxane	5.018	88	16751	657.37	ug/l	68
28) 1,1-Dichloropropene	4.269	75	63660	13.03	ug/l	98
29) Chloroform	4.033	83	70453	10.16	ug/l	94
31) Cyclohexane	4.200	56	97179	17.23	ug/l	83
33) 1,2-Dichloroethane	4.427	62	57062	9.92	ug/l	99
34) 2-Butanone	3.826	43	15077	14.90	ug/l	85
35) 1,1,1-Trichloroethane	4.161	97	58862	9.63	ug/l	99
36) Carbon Tetrachloride	4.279	117	52314	9.06	ug/l	93
37) Vinyl Acetate	3.382	43	142660	14.50	ug/l	100
38) Bromodichloromethane	5.097	83	62738	10.73	ug/l	98
39) Methylcyclohexane	4.920	83	91033	15.81	ug/l	81
40) Dibromomethane	5.018	174	32087	12.04	ug/l	93
41) 1,2-Dichloropropane	4.940	63	56031	15.15	ug/l	96
42) Trichloroethene	4.802	130	53420	12.19	ug/l	98
43) Benzene	4.407	78	186725	13.28	ug/l	100
44) tert-Amyl methyl ether	4.466	73	121060	18.26	ug/l	90
46) Dibromochloromethane	6.053	129	46486	10.30	ug/l	97
47) 2-Chloroethylvinylether	5.265	63	11786	11.82	ug/l	88
48) cis-1,3-Dichloropropene	5.363	75	57692	10.10	ug/l	99
49) trans-1,3-Dichloropropene	5.689	75	45401	9.05	ug/l	96
50) 1,1,2-Trichloroethane	5.807	97	37506	12.58	ug/l	98
51) 1,2-Dibromoethane	6.132	107	32084	11.30	ug/l	95
52) 1,3-Dichloropropane	5.905	76	61575	12.95	ug/l	97
53) 4-Methyl-2-Pentanone	5.452	43	34378	14.20	ug/l	98
54) 2-Hexanone	5.935	43	22718	13.40	ug/l	97
55) Tetrachloroethene	5.896	164	56987	12.14	ug/l	97
57) Toluene	5.570	92	140373	12.13	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.447	133	45998	10.19	ug/l	94
59) Chlorobenzene	6.408	112	139214	11.79	ug/l	98
61) Bromoform	6.911	173	33775	10.74	ug/l	99
62) Ethylbenzene	6.457	106	56296	11.51	ug/l	96
63) 1,1,2,2-Tetrachloroethane	7.157	83	46502	12.82	ug/l	87
65) Styrene	6.773	104	137635	11.41	ug/l	93
66) m&p-Xylenes	6.526	106	177027	23.41	ug/l	98

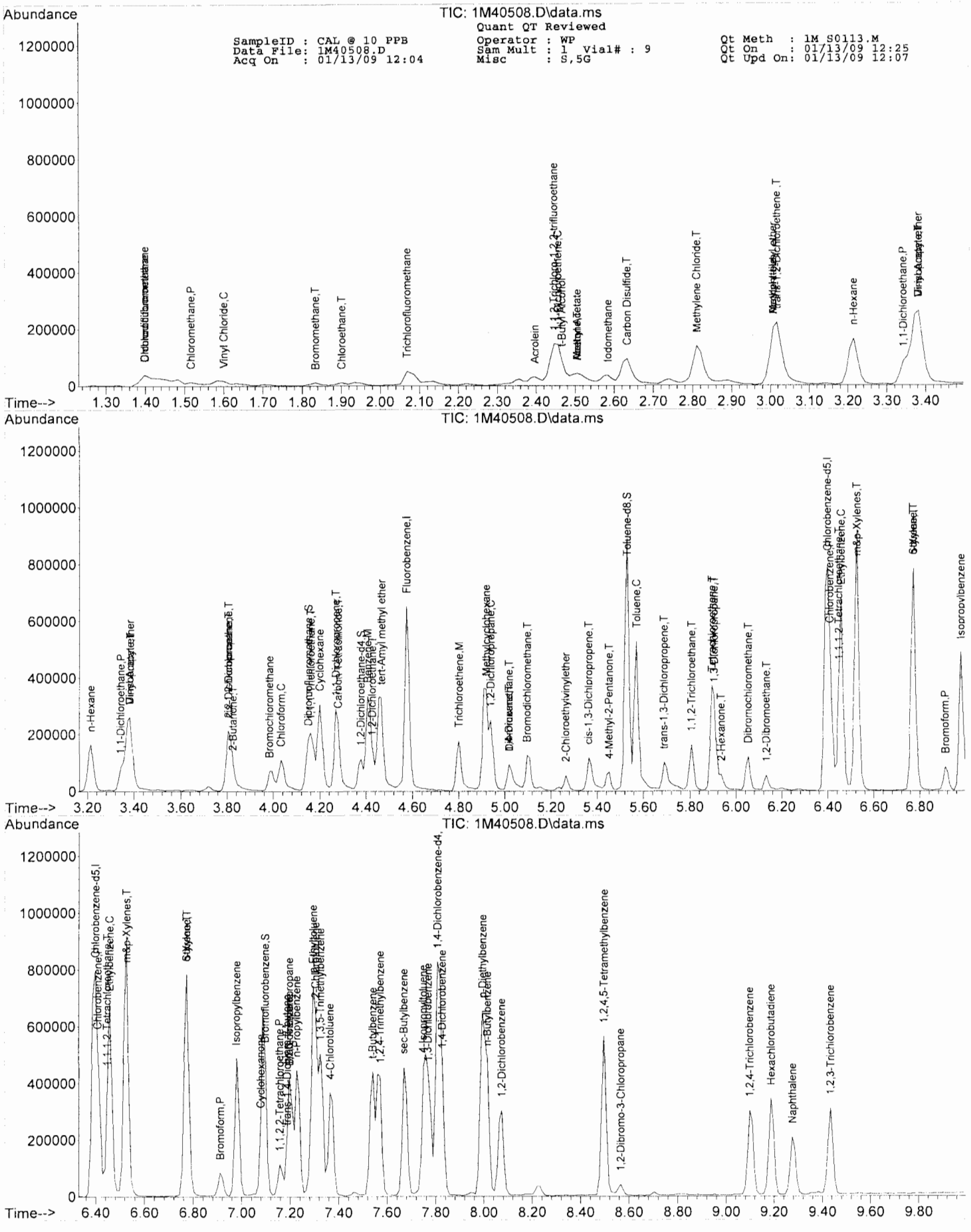
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40508.D Sam Mult : 1 Vial# : 9 Qt On : 01/13/09 12:25
Acq On : 01/13/09 12:04 Misc : S,5G Qt Upd On: 01/13/09 12:07

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.773	106	84441	11.75	ug/l	87
68) trans-1,4-Dichloro-2-b...	7.187	53	16454m	12.27	ug/l	
69) 1,3-Dichlorobenzene	7.768	146	125382	11.98	ug/l	97
70) 1,4-Dichlorobenzene	7.827	146	124990	12.53	ug/l	93
71) 1,2-Dichlorobenzene	8.074	146	109894	11.83	ug/l	96
72) Isopropylbenzene	6.980	105	222080	11.38	ug/l	99
73) Cyclohexanone	7.078	55	2376m	73.69	ug/l	
74) 1,2,3-Trichloropropane	7.197	75	55411	12.47	ug/l	94
75) 2-Chlorotoluene	7.305	91	137981	12.60	ug/l	97
76) p-Ethyltoluene	7.295	105	278468	14.15	ug/l	100
77) 4-Chlorotoluene	7.364	91	126747	10.34	ug/l	99
78) n-Propylbenzene	7.226	91	276094	10.81	ug/l	95
79) Bromobenzene	7.197	77	137017	13.26	ug/l	90
80) 1,3,5-Trimethylbenzene	7.325	105	166479m	8.57	ug/l	
81) t-Butylbenzene	7.541	119	187018	11.14	ug/l	97
82) 1,2,4-Trimethylbenzene	7.571	105	214980	11.77	ug/l	99
83) sec-Butylbenzene	7.670	105	244183	11.21	ug/l	100
84) 4-Isopropyltoluene	7.748	119	202070	10.47	ug/l	96
85) n-Butylbenzene	8.015	91	261781	11.09	ug/l	95
86) p-Diethylbenzene	7.995	119	155704	12.35	ug/l	94
87) 1,2,4,5-Tetramethylben...	8.498	119	249163	16.17	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.566	157	9334	10.66	ug/l	98
89) Hexachlorobutadiene	9.187	225	68713	11.91	ug/l	98
90) 1,2,4-Trichlorobenzene	9.099	180	98082	13.77	ug/l	99
91) 1,2,3-Trichlorobenzene	9.434	180	94881	14.56	ug/l	97
92) Naphthalene	9.276	128	143369	14.81	ug/l	100

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


Abundance
TIC: 1M40508.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 1M40508.D
Acq On : 01/13/09 12:04
Operator : WP
Sam Mult : 1 Vial# : 9
Misc : S,5G
Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:25
Qt Upd On: 01/13/09 12:07
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 1M40506.D
Acq On : 01/13/09 11:30

Operator : WP
Sam Mult : 1 Vial# : 7
Misc : S,5G

Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:11
Qt Upd On: 01/13/09 12:09

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.576	96	341625	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.399	117	300795	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.809	152	175319	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.152	111	75268	24.30	ug/l	0.00
Spiked Amount 30.000			Recovery = 81.00%			
32) 1,2-Dichloroethane-d4	4.379	102	20082	31.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.93%			
56) Toluene-d8	5.532	100	259202	29.67	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.90%			
64) Bromofluorobenzene	7.099	174	151951	30.44	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.47%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.398	51	364298	50.72	ug/l	50
3) Dichlorodifluoromethane	1.398	85	153570	42.58	ug/l	95
4) Chloromethane	1.516	50	108363	30.11	ug/l	97
5) Bromomethane	1.834	94	31889	24.31	ug/l	100
6) Vinyl Chloride	1.583	62	72735	24.14	ug/l	98
7) Chloroethane	1.901	64	37538	25.44	ug/l	98
8) Trichlorofluoromethane	2.069	101	250820	48.47	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.447	101	165074	49.67	ug/l	96
10) Methylene Chloride	2.812	84	180842	50.46	ug/l	94
11) Acrolein	2.398	56	129759	681.64	ug/l	99
12) Acrylonitrile	3.009	53	46286	65.25	ug/l	94
13) Iodomethane	2.575	142	186104	47.78	ug/l	96
14) Acetone	2.506	43	189511	261.37	ug/l	99
15) Carbon Disulfide	2.634	76	559521	72.44	ug/l	100
16) t-Butyl Alcohol	2.457	59	14731	272.72	ug/l	63
17) n-Hexane	3.216	57	248161	74.88	ug/l	90
18) Di-isopropyl-ether	3.383	45	847479	72.44	ug/l	85
19) 1,1-Dichloroethene	2.457	61	347543	50.55	ug/l	94
20) Methyl Acetate	2.506	43	187287	51.92	ug/l	100
21) Methyl-t-butyl ether	3.009	73	325903	54.40	ug/l	74
22) 1,1-Dichloroethane	3.344	63	390232	57.74	ug/l	99
23) trans-1,2-Dichloroethene	3.019	96	170477	49.85	ug/l	72
24) cis-1,2-Dichloroethene	3.807	61	391122	56.53	ug/l	84
25) Bromochloromethane	3.985	49	228958	61.03	ug/l	70
26) 2,2-Dichloropropane	3.807	77	248293	48.09	ug/l	94
27) 1,4-Dioxane	5.019	88	72758	2947.98	ug/l	68
28) 1,1-Dichloropropene	4.270	75	282461	59.70	ug/l	98
29) Chloroform	4.034	83	325613	48.50	ug/l	100
31) Cyclohexane	4.201	56	439039	80.38	ug/l	83
33) 1,2-Dichloroethane	4.428	62	252820	45.37	ug/l	98
34) 2-Butanone	3.827	43	61835	63.10	ug/l	92
35) 1,1,1-Trichloroethane	4.162	97	268235	45.32	ug/l	98
36) Carbon Tetrachloride	4.280	117	238515	42.63	ug/l	92
37) Vinyl Acetate	3.373	43	663086	69.58	ug/l	100
38) Bromodichloromethane	5.108	83	282921	49.96	ug/l	92
39) Methylcyclohexane	4.921	83	403639	72.39	ug/l	81
40) Dibromomethane	5.019	174	141012	54.64	ug/l	95
41) 1,2-Dichloropropane	4.941	63	253731	70.83	ug/l	96
42) Trichloroethene	4.803	130	241412	56.89	ug/l	96
43) Benzene	4.408	78	801685	58.85	ug/l	100
44) tert-Amyl methyl ether	4.467	73	389954	60.73	ug/l	95
46) Dibromochloromethane	6.054	129	208685	46.56	ug/l	97
47) 2-Chloroethylvinylether	5.266	63	64126	64.80	ug/l	89
48) cis-1,3-Dichloropropene	5.364	75	296186	52.20	ug/l	97
49) trans-1,3-Dichloropropene	5.690	75	233362	46.85	ug/l	100
50) 1,1,2-Trichloroethane	5.808	97	158196	53.45	ug/l	96
51) 1,2-Dibromoethane	6.133	107	140154	49.72	ug/l	92
52) 1,3-Dichloropropane	5.906	76	272782	57.80	ug/l	97
53) 4-Methyl-2-Pentanone	5.453	43	170324	70.89	ug/l	95
54) 2-Hexanone	5.936	43	117021	69.53	ug/l	98
55) Tetrachloroethene	5.897	164	251310	53.92	ug/l	99
57) Toluene	5.571	92	555826	48.39	ug/l	95
58) 1,1,1,2-Tetrachloroethane	6.458	133	199222	44.47	ug/l	95
59) Chlorobenzene	6.409	112	611834	52.21	ug/l	99
61) Bromoform	6.912	173	155511	50.34	ug/l	97
62) Ethylbenzene	6.458	106	225280	46.87	ug/l	96
63) 1,1,2,2-Tetrachloroethane	7.158	83	210085	58.97	ug/l	90
65) Styrene	6.774	104	605674	51.11	ug/l	88
66) m&p-Xylenes	6.527	106	709326	95.47	ug/l	98

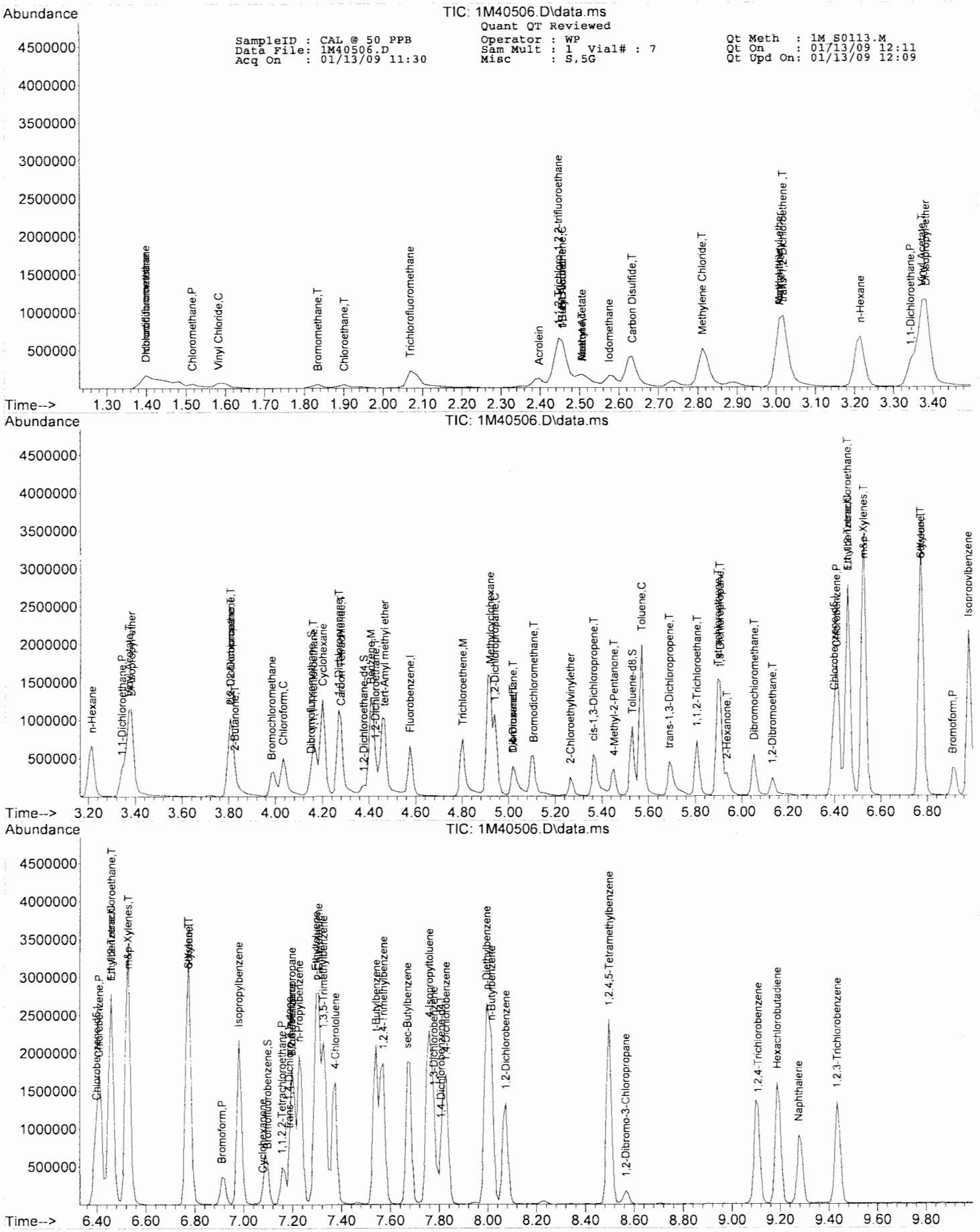
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40506.D Sam Mult : 1 Vial# : 7 Qt On : 01/13/09 12:11
Acq On : 01/13/09 11:30 Misc : S,5G Qt Upd On: 01/13/09 12:09

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.774	106	366728	51.95 ug/l	93
68) trans-1,4-Dichloro-2-b...	7.188	53	70962	53.85 ug/l	83
69) 1,3-Dichlorobenzene	7.779	146	528005	51.34 ug/l	97
70) 1,4-Dichlorobenzene	7.828	146	534747	54.58 ug/l	97
71) 1,2-Dichlorobenzene	8.075	146	493648	54.11 ug/l	97
72) Isopropylbenzene	6.981	105	1026912	53.57 ug/l	97
73) Cyclohexanone	7.079	55	8074	254.87 ug/l	89
74) 1,2,3-Trichloropropane	7.197	75	247102	56.62 ug/l	91
75) 2-Chlorotoluene	7.306	91	581479	54.02 ug/l	97
76) p-Ethyltoluene	7.296	105	1075787	55.62 ug/l	97
77) 4-Chlorotoluene	7.375	91	564726	46.91 ug/l	97
78) n-Propylbenzene	7.227	91	1230432	49.05 ug/l	94
79) Bromobenzene	7.197	77	609074	59.98 ug/l	89
80) 1,3,5-Trimethylbenzene	7.326	105	763783m	40.02 ug/l	
81) t-Butylbenzene	7.542	119	866689	52.54 ug/l	96
82) 1,2,4-Trimethylbenzene	7.572	105	902114	50.26 ug/l	91
83) sec-Butylbenzene	7.671	105	1133200	52.96 ug/l	98
84) 4-Isopropyltoluene	7.759	119	934567	49.30 ug/l	96
85) n-Butylbenzene	8.016	91	1143548	49.31 ug/l	95
86) p-Diethylbenzene	7.996	119	660168	53.28 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.498	119	1103985	72.92 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.567	157	44788	52.06 ug/l	95
89) Hexachlorobutadiene	9.188	225	347748	61.35 ug/l	98
90) 1,2,4-Trichlorobenzene	9.110	180	452235	64.61 ug/l	99
91) 1,2,3-Trichlorobenzene	9.435	180	419467	65.52 ug/l	96
92) Naphthalene	9.277	128	665484	69.96 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M40506.D
Acq On : 01/13/09 11:30
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : S,5G
Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:11
Qt Upd On: 01/13/09 12:09
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
n-Hexane
1,1-Dichloroethane,P
TIC: 1M40506.D\data.ms
n-Hexane
1,1-Dichloroethane,P
2-Butanone,T
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Benzene,M
1,2-Dichloroethane,T
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
1,2-Dichloropropane,C
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,S
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
TIC: 1M40506.D\data.ms
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
4-Isopropyltoluene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40505.D Sam Mult : 1 Vial# : 6 Qt On : 01/13/09 12:10
Acq On : 01/13/09 11:13 Misc : S,5G Qt Upd On: 01/13/09 12:09

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.575	96	331773	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.389	117	291127	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.808	152	163072	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.151	111	72040	23.95	ug/l	0.00
Spiked Amount 30.000			Recovery = 79.83%			
32) 1,2-Dichloroethane-d4	4.378	102	12783	20.83	ug/l	0.00
Spiked Amount 30.000			Recovery = 69.43%			
56) Toluene-d8	5.531	100	253677	30.00	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.00%			
64) Bromofluorobenzene	7.088	174	149584	32.22	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.40%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.400	51	717262	102.83	ug/l	47
3) Dichlorodifluoromethane	1.400	85	307042	87.66	ug/l	95
4) Chloromethane	1.517	50	209350	59.91	ug/l	98
5) Bromomethane	1.819	94	45397	35.63	ug/l	99
6) Vinyl Chloride	1.584	62	148625	50.78	ug/l	94
7) Chloroethane	1.902	64	63364	44.23	ug/l	90
8) Trichlorofluoromethane	2.070	101	434996	86.56	ug/l	100
9) 1,1,2-Trichloro-1,2,2-...	2.446	101	306272	94.90	ug/l	95
10) Methylene Chloride	2.811	84	334215	96.02	ug/l	95
11) Acrolein	2.387	56	248315	1343.16	ug/l	96
12) Acrylonitrile	3.008	53	87294	126.71	ug/l	87
13) Iodomethane	2.574	142	362841	95.92	ug/l	96
14) Acetone	2.505	43	349392	496.18	ug/l	96
15) Carbon Disulfide	2.624	76	1047948	139.70	ug/l	100
16) t-Butyl Alcohol	2.456	59	28831	549.62	ug/l	52
17) n-Hexane	3.215	57	473834	147.23	ug/l	91
18) Di-isopropyl-ether	3.373	45	1548610	136.29	ug/l	83
19) 1,1-Dichloroethene	2.456	61	657696	98.51	ug/l	92
20) Methyl Acetate	2.505	43	352296	100.57	ug/l	100
21) Methyl-t-butyl ether	3.008	73	604353	103.87	ug/l	76
22) 1,1-Dichloroethane	3.343	63	749397	114.18	ug/l	98
23) trans-1,2-Dichloroethene	3.018	96	307288	92.52	ug/l	71
24) cis-1,2-Dichloroethene	3.806	61	727791	108.32	ug/l	82
25) Bromochloromethane	3.984	49	424654	116.55	ug/l	71
26) 2,2-Dichloropropane	3.806	77	474078	94.55	ug/l	93
27) 1,4-Dioxane	5.019	88	135282	5644.07	ug/l	66
28) 1,1-Dichloropropene	4.270	75	520849	113.36	ug/l	98
29) Chloroform	4.033	83	608600	93.34	ug/l	98
31) Cyclohexane	4.201	56	807147	152.15	ug/l	83
33) 1,2-Dichloroethane	4.427	62	469313	86.72	ug/l	98
34) 2-Butanone	3.816	43	120429	126.55	ug/l	86
35) 1,1,1-Trichloroethane	4.161	97	501749	87.30	ug/l	96
36) Carbon Tetrachloride	4.270	117	436312	80.29	ug/l	92
37) Vinyl Acetate	3.373	43	1223709	132.23	ug/l	100
38) Bromodichloromethane	5.097	83	539341	98.06	ug/l	95
39) Methylcyclohexane	4.910	83	720428	133.03	ug/l	77
40) Dibromomethane	5.019	174	265316	105.86	ug/l	95
41) 1,2-Dichloropropane	4.940	63	467360	134.34	ug/l	95
42) Trichloroethene	4.802	130	454119	110.19	ug/l	97
43) Benzene	4.408	78	1453840	109.89	ug/l	100
44) tert-Amyl methyl ether	4.457	73	725722	116.37	ug/l	98
46) Dibromochloromethane	6.053	129	404074	93.15	ug/l	100
47) 2-Chloroethylvinylether	5.265	63	129577	135.29	ug/l	91
48) cis-1,3-Dichloropropene	5.364	75	575108	104.73	ug/l	97
49) trans-1,3-Dichloropropene	5.689	75	462726	95.98	ug/l	97
50) 1,1,2-Trichloroethane	5.807	97	297753	103.93	ug/l	98
51) 1,2-Dibromoethane	6.132	107	271832	99.63	ug/l	93
52) 1,3-Dichloropropane	5.906	76	487185	106.66	ug/l	98
53) 4-Methyl-2-Pentanone	5.442	43	338635	145.61	ug/l	97
54) 2-Hexanone	5.935	43	228415	140.22	ug/l	99
55) Tetrachloroethene	5.896	164	439728	97.48	ug/l	98
57) Toluene	5.571	92	983542	88.47	ug/l	92
58) 1,1,1,2-Tetrachloroethane	6.448	133	344075	79.35	ug/l	91
59) Chlorobenzene	6.408	112	1095801	96.61	ug/l	99
61) Bromoform	6.911	173	302529	105.28	ug/l	99
62) Ethylbenzene	6.458	106	385036	86.11	ug/l	96
63) 1,1,2,2-Tetrachloroethane	7.157	83	401323	121.11	ug/l	90
65) Styrene	6.773	104	1024392	92.94	ug/l	92
66) m&p-Xylenes	6.527	106	1147038	165.97	ug/l	93

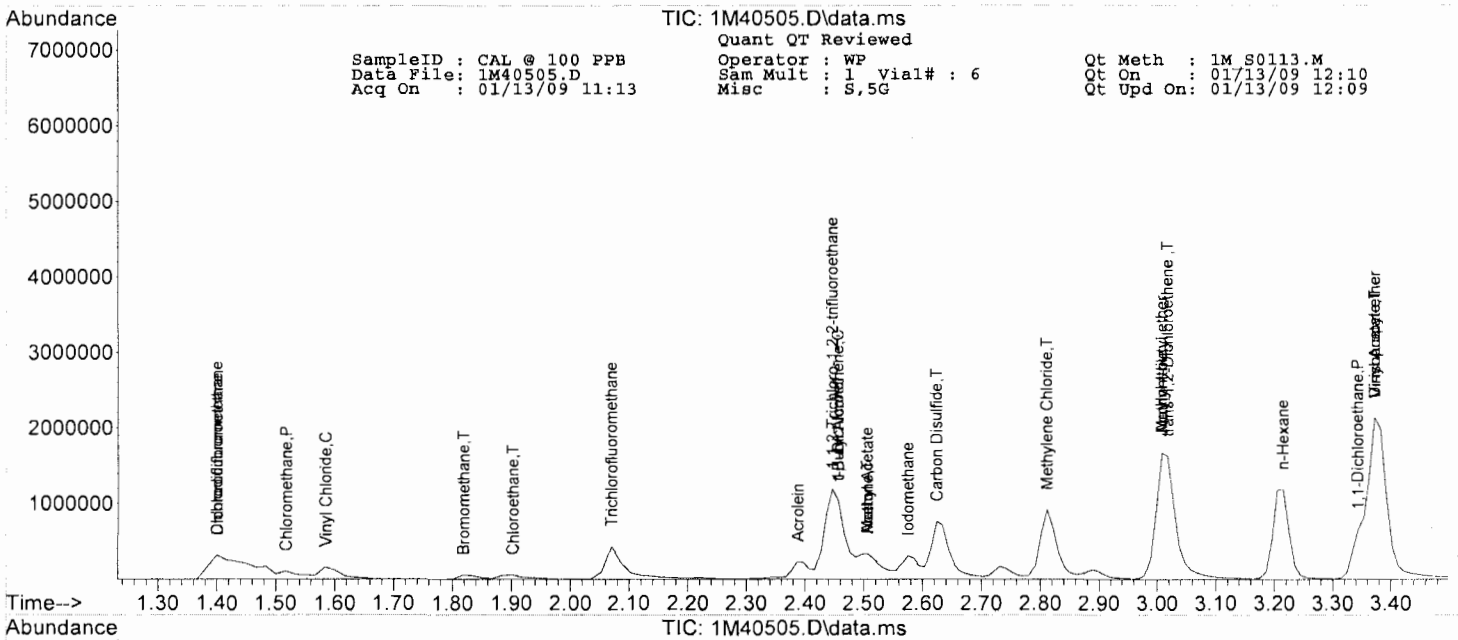
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40505.D Sam Mult : 1 Vial# : 6 Qt On : 01/13/09 12:10
Acq On : 01/13/09 11:13 Misc : S,5G Qt Upd On: 01/13/09 12:09

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.763	106	625020	95.18 ug/l	89
68) trans-1,4-Dichloro-2-b...	7.187	53	134561	109.78 ug/l	79
69) 1,3-Dichlorobenzene	7.768	146	912291	95.37 ug/l	94
70) 1,4-Dichlorobenzene	7.827	146	956847	105.00 ug/l	96
71) 1,2-Dichlorobenzene	8.074	146	909879	107.22 ug/l	96
72) Isopropylbenzene	6.980	105	1797869	100.83 ug/l	96
73) Cyclohexanone	7.069	55	15347	520.84 ug/l	91
74) 1,2,3-Trichloropropane	7.197	75	453291	111.66 ug/l	89
75) 2-Chlorotoluene	7.305	91	946232	94.51 ug/l	99
76) p-Ethyltoluene	7.295	105	1594838	88.65 ug/l	99
77) 4-Chlorotoluene	7.364	91	1011484	90.33 ug/l	99
78) n-Propylbenzene	7.226	91	2126532	91.14 ug/l	93
79) Bromobenzene	7.197	77	1101040	116.58 ug/l	88
80) 1,3,5-Trimethylbenzene	7.325	105	1515314m	85.36 ug/l	
81) t-Butylbenzene	7.542	119	1520354	99.09 ug/l	94
82) 1,2,4-Trimethylbenzene	7.561	105	1562933	93.61 ug/l	97
83) sec-Butylbenzene	7.670	105	1977056	99.33 ug/l	98
84) 4-Isopropyltoluene	7.749	119	1571960	89.14 ug/l	94
85) n-Butylbenzene	8.015	91	1980681	91.82 ug/l	95
86) p-Diethylbenzene	7.995	119	1127394	97.82 ug/l	92
87) 1,2,4,5-Tetramethylben...	8.498	119	1913766	135.90 ug/l	96
88) 1,2-Dibromo-3-Chloropr...	8.567	157	91322	114.12 ug/l	98
89) Hexachlorobutadiene	9.188	225	638414	121.08 ug/l	96
90) 1,2,4-Trichlorobenzene	9.099	180	851761	130.83 ug/l	98
91) 1,2,3-Trichlorobenzene	9.434	180	791574	132.92 ug/l	97
92) Naphthalene	9.276	128	1258619	142.25 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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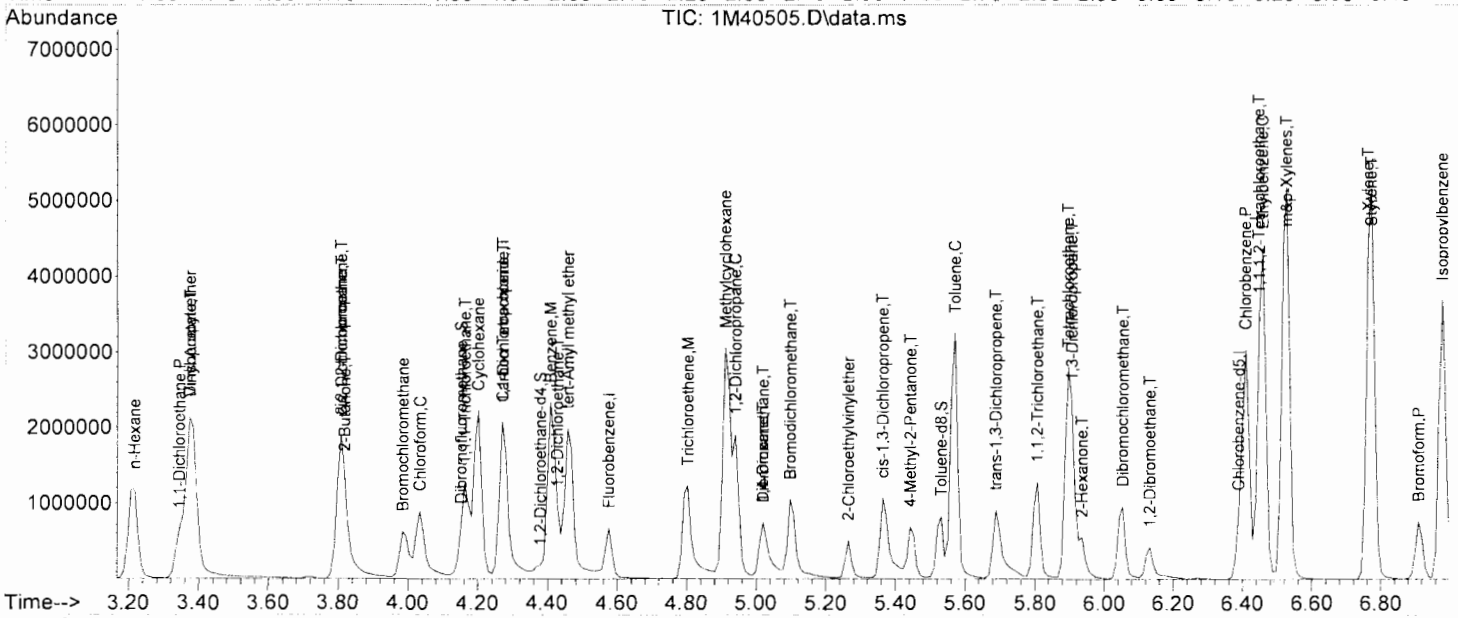
SampleID : CAL @ 100 PPB
Data File: 1M40505.D
Acq On : 01/13/09 11:13
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : S,5G
Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:10
Qt Upd On: 01/13/09 12:09
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
n-Hexane
1,1-Dichloroethane,P
Time-->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n-Hexane
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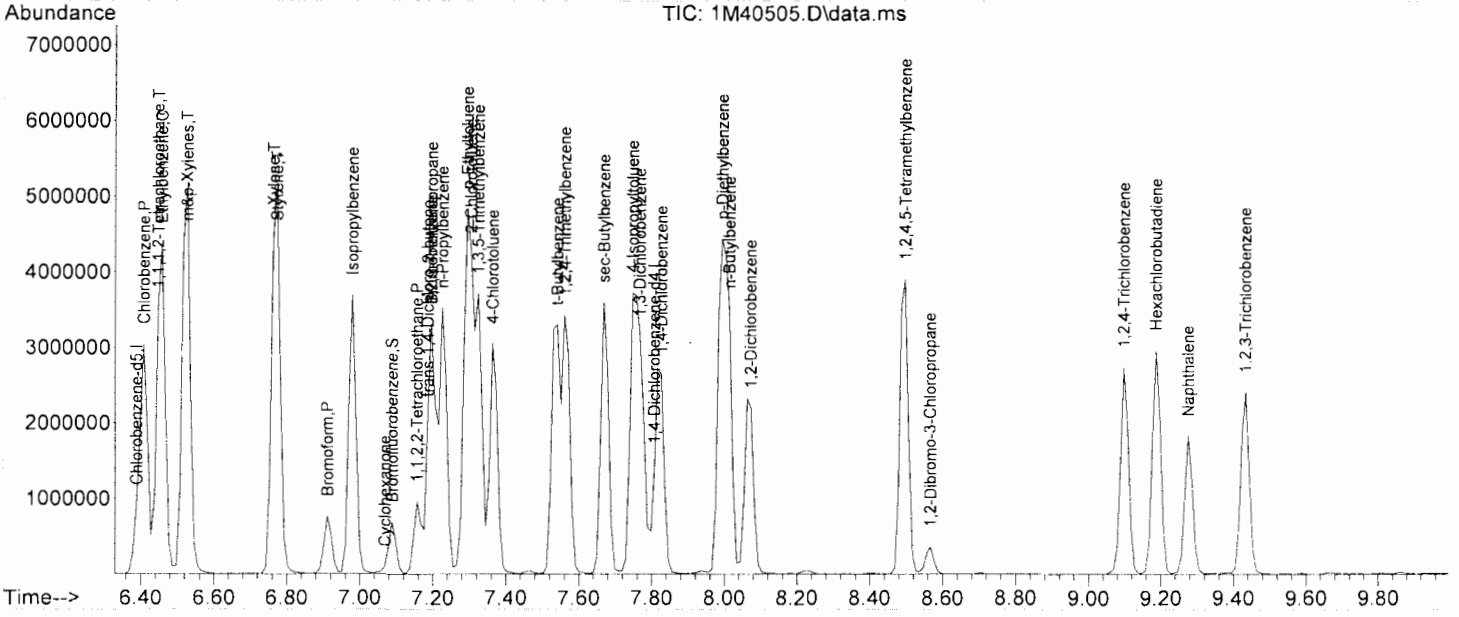
Bromochloromethane
Chloroform,C
Cyclohexane
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Time-->


Abundance
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Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
4-Chlorotoluene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40504.D Sam Mult : 1 Vial# : 5 Qt On : 01/13/09 12:09
Acq On : 01/13/09 10:56 Misc : S,5G Qt Upd On: 01/13/09 12:09

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.576	96	330207	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.389	117	270129	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.809	152	148650	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.142	111	59267	19.80	ug/l	0.00
Spiked Amount 30.000			Recovery = 66.00%			
32) 1,2-Dichloroethane-d4	4.379	102	11961	19.58	ug/l	0.00
Spiked Amount 30.000			Recovery = 65.27%			
56) Toluene-d8	5.532	100	245496	31.29	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.30%			
64) Bromofluorobenzene	7.089	174	149703	35.37	ug/l	0.00
Spiked Amount 30.000			Recovery = 117.90%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.397	51	1622856	233.76	ug/l	51
3) Dichlorodifluoromethane	1.397	85	703691	201.87	ug/l	93
4) Chloromethane	1.514	50	491175	141.22	ug/l	97
5) Bromomethane	1.833	94	117634	92.77	ug/l	99
6) Vinyl Chloride	1.598	62	324396	111.37	ug/l	99
7) Chloroethane	1.900	64	153096	107.36	ug/l	94
8) Trichlorofluoromethane	2.067	101	981566	196.25	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.437	101	638393	198.74	ug/l	95
10) Methylene Chloride	2.812	84	734356	211.98	ug/l	97
11) Acrolein	2.388	56	558929	3037.64	ug/l	97
12) Acrylonitrile	3.009	53	187659	273.68	ug/l	89
13) Iodomethane	2.575	142	838921	222.82	ug/l	94
14) Acetone	2.506	43	805705	1149.62	ug/l	99
15) Carbon Disulfide	2.624	76	2245416	300.76	ug/l	100
16) t-Butyl Alcohol	2.457	59	63565	1217.51	ug/l	43
17) n-Hexane	3.206	57	1012934	316.23	ug/l	91
18) Di-isopropyl-ether	3.373	45	3109260	274.95	ug/l	84
19) 1,1-Dichloroethene	2.457	61	1442515	217.09	ug/l	91
20) Methyl Acetate	2.506	43	806876	231.42	ug/l	100
21) Methyl-t-butyl ether	3.009	73	1258124	217.25	ug/l	75
22) 1,1-Dichloroethane	3.344	63	1635026	250.31	ug/l	100
23) trans-1,2-Dichloroethene	3.019	96	637373	192.82	ug/l	70
24) cis-1,2-Dichloroethene	3.807	61	1522316	227.64	ug/l	84
25) Bromochloromethane	3.984	49	945346	260.68	ug/l	70
26) 2,2-Dichloropropane	3.807	77	1001961	200.78	ug/l	93
27) 1,4-Dioxane	5.019	88	299213	12542.60	ug/l	60
28) 1,1-Dichloropropene	4.270	75	1069923	233.97	ug/l	98
29) Chloroform	4.034	83	1312878	202.31	ug/l	99
31) Cyclohexane	4.201	56	1628361	308.42	ug/l	84
33) 1,2-Dichloroethane	4.428	62	1004562	186.50	ug/l	97
34) 2-Butanone	3.817	43	287157	303.18	ug/l	88
35) 1,1,1-Trichloroethane	4.162	97	1057791	184.92	ug/l	96
36) Carbon Tetrachloride	4.270	117	871738	161.18	ug/l	91
37) Vinyl Acetate	3.373	43	2592221	281.43	ug/l	100
38) Bromodichloromethane	5.098	83	1165661	212.95	ug/l	94
39) Methylcyclohexane	4.911	83	1377411	255.56	ug/l	77
40) Dibromomethane	5.019	174	591619	237.18	ug/l	94
41) 1,2-Dichloropropane	4.940	63	949300	274.17	ug/l	95
42) Trichloroethene	4.803	130	972931	237.20	ug/l	96
43) Benzene	4.408	78	2900899	220.31	ug/l	100
44) tert-Amyl methyl ether	4.458	73	1478381	238.18	ug/l	98
46) Dibromochloromethane	6.054	129	869596	216.04	ug/l	99
47) 2-Chloroethylvinylether	5.266	63	293146	329.85	ug/l	92
48) cis-1,3-Dichloropropene	5.364	75	1322634	259.58	ug/l	99
49) trans-1,3-Dichloropropene	5.690	75	1102499	246.47	ug/l	96
50) 1,1,2-Trichloroethane	5.808	97	641162	241.20	ug/l	98
51) 1,2-Dibromoethane	6.133	107	615385	243.09	ug/l	93
52) 1,3-Dichloropropane	5.906	76	979040	231.00	ug/l	97
53) 4-Methyl-2-Pentanone	5.443	43	784415	363.52	ug/l	98
54) 2-Hexanone	5.936	43	536389	354.88	ug/l	99
55) Tetrachloroethene	5.896	164	791981	189.21	ug/l	99
57) Toluene	5.571	92	1813963	175.84	ug/l	88
58) 1,1,1,2-Tetrachloroethane	6.448	133	608821	151.32	ug/l	95
59) Chlorobenzene	6.409	112	2049354	194.73	ug/l	96
61) Bromoform	6.912	173	684987	261.51	ug/l	97
62) Ethylbenzene	6.458	106	552539	135.57	ug/l	94
63) 1,1,2,2-Tetrachloroethane	7.158	83	864446	286.17	ug/l	91
65) Styrene	6.774	104	1650541	164.28	ug/l	79
66) m&p-Xylenes	6.527	106	1810302	287.36	ug/l	93

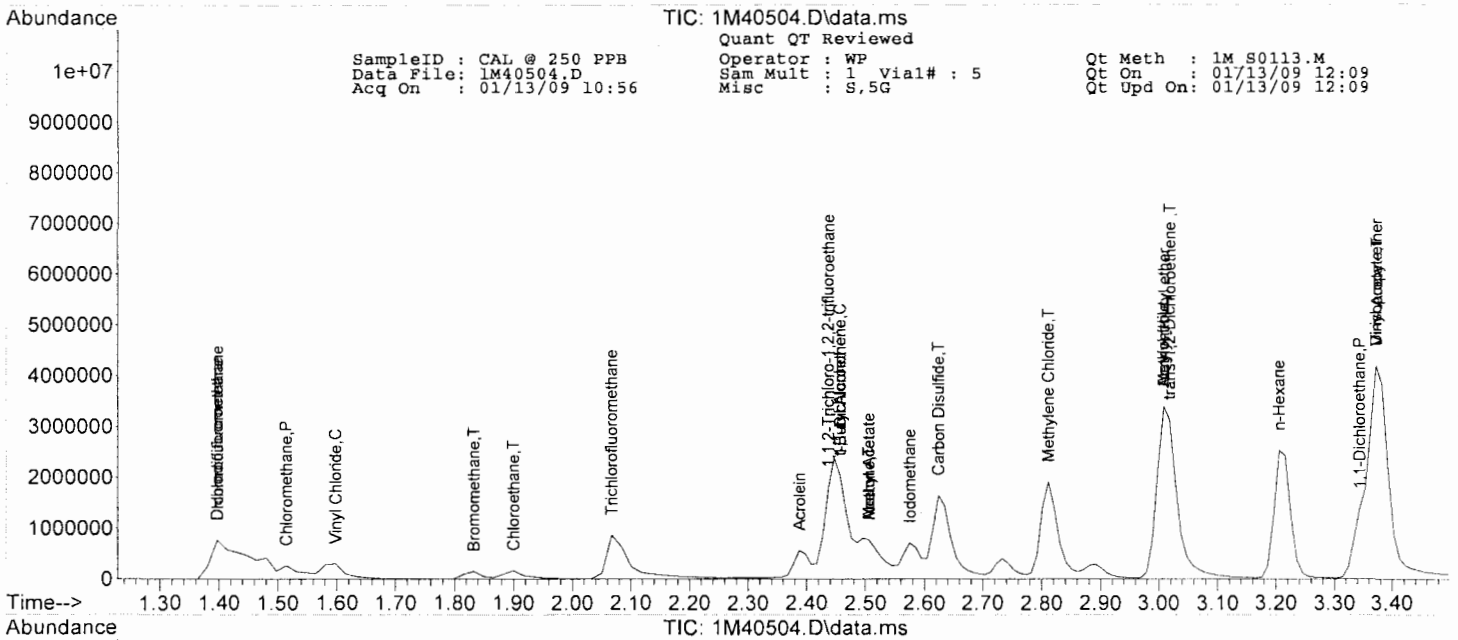
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40504.D Sam Mult : 1 Vial# : 5 Qt On : 01/13/09 12:09
Acq On : 01/13/09 10:56 Misc : S,5G Qt Upd On: 01/13/09 12:09

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.764	106	1016139	169.75 ug/l	92
68)	trans-1,4-Dichloro-2-b...	7.188	53	273084	244.41 ug/l	71
69)	1,3-Dichlorobenzene	7.769	146	1570000	180.05 ug/l	93
70)	1,4-Dichlorobenzene	7.828	146	1768836	212.94 ug/l	94
71)	1,2-Dichlorobenzene	8.075	146	1708787	220.89 ug/l	94
72)	Isopropylbenzene	6.981	105	3112794	191.52 ug/l	94
73)	Cyclohexanone	7.069	55	34060	1268.06 ug/l	96
74)	1,2,3-Trichloropropane	7.197	75	864029	233.49 ug/l	89
75)	2-Chlorotoluene	7.306	91	1426289	156.28 ug/l	97
76)	p-Ethyltoluene	7.296	105	2494709	152.12 ug/l	100
77)	4-Chlorotoluene	7.365	91	1717548	168.27 ug/l	98
78)	n-Propylbenzene	7.227	91	3672616	172.67 ug/l	91
79)	Bromobenzene	7.197	77	2051443	238.28 ug/l	84
80)	1,3,5-Trimethylbenzene	7.326	105	2526386m	156.12 ug/l	
81)	t-Butylbenzene	7.542	119	2585452	184.85 ug/l	90
82)	1,2,4-Trimethylbenzene	7.562	105	2667361	175.26 ug/l	94
83)	sec-Butylbenzene	7.671	105	3358536	185.11 ug/l	96
84)	4-Isopropyltoluene	7.749	119	2568994	159.82 ug/l	91
85)	n-Butylbenzene	8.015	91	3231499	164.34 ug/l	94
86)	p-Diethylbenzene	7.996	119	1819857	173.21 ug/l	92
87)	1,2,4,5-Tetramethylben...	8.498	119	3201038	249.37 ug/l	95
88)	1,2-Dibromo-3-Chloropr...	8.567	157	209667	287.44 ug/l	100
89)	Hexachlorobutadiene	9.188	225	1143425	237.90 ug/l	97
90)	1,2,4-Trichlorobenzene	9.100	180	1584569	267.00 ug/l	98
91)	1,2,3-Trichlorobenzene	9.435	180	1486327	273.80 ug/l	96
92)	Naphthalene	9.277	128	2458994	304.89 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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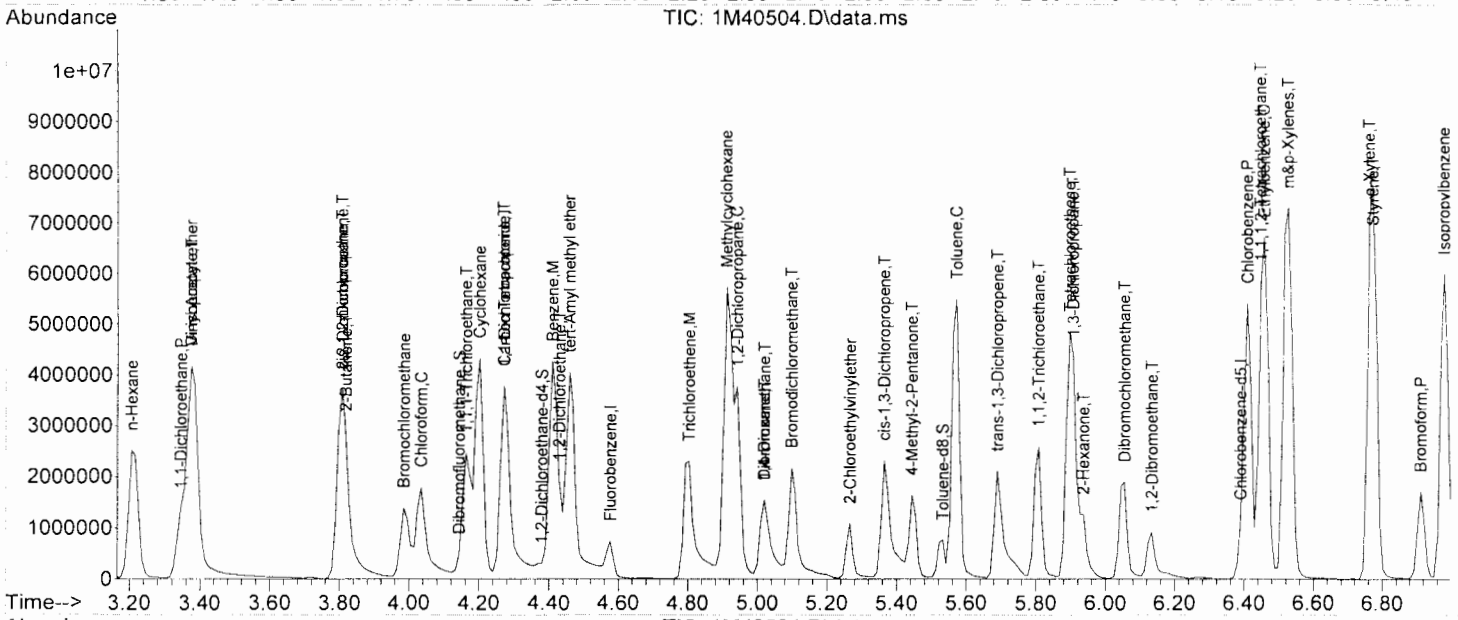
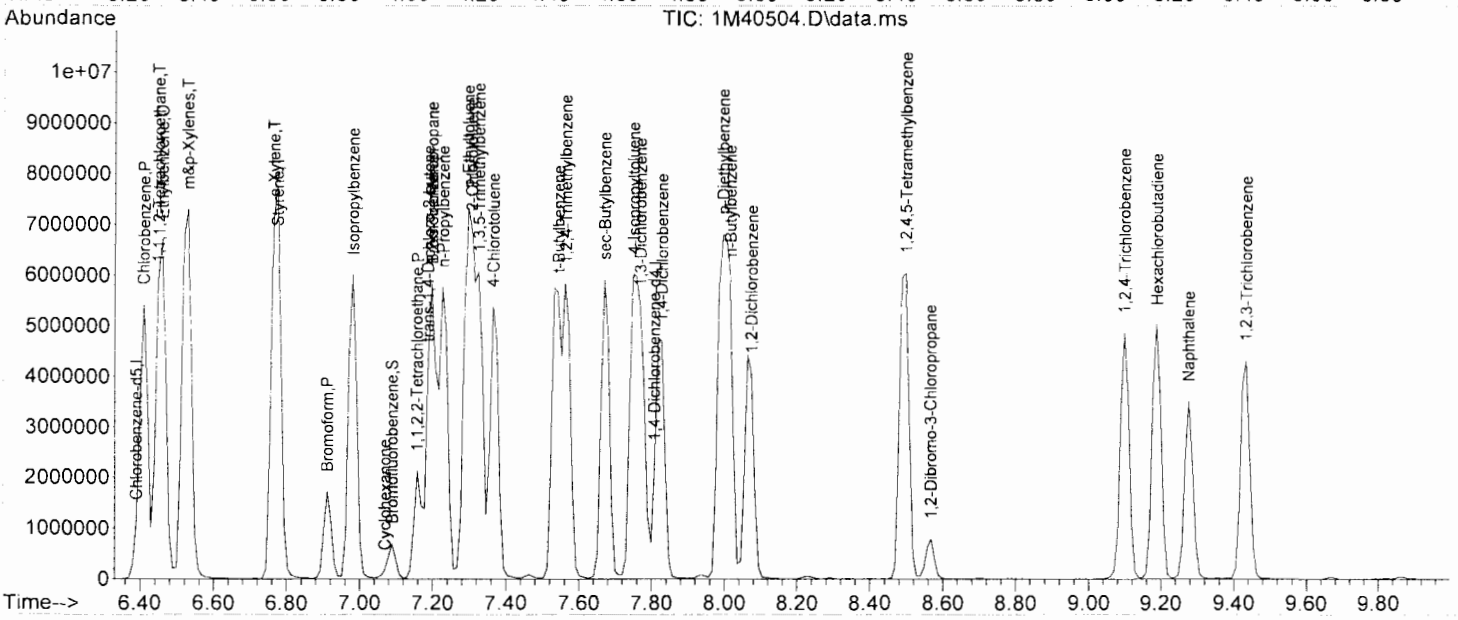
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 1M40504.D
Acq On : 01/13/09 10:56
Operator : WP
Sam Mult : 1 Vial# : 5
Misc : S,5G
Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:09
Qt Upd On: 01/13/09 12:09
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M40504.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Benzene,M
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
1,2-Dichloropropane,C
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Time-->


Abundance
TIC: 1M40504.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB
Data File: 1M40503.D
Acq On : 01/13/09 10:39

Operator : WP
Sam Mult : 1 Vial# : 4
Misc : S,5G

Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:09
Qt Upd On: 01/13/09 12:09

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.576	96	336090	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.389	117	262693	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.808	152	135316	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.142	111	55789	18.31	ug/l	0.00
Spiked Amount 30.000			Recovery = 61.03%			
32) 1,2-Dichloroethane-d4	4.378	102	12133	19.52	ug/l	0.00
Spiked Amount 30.000			Recovery = 65.07%			
56) Toluene-d8	5.532	100	252085	33.04	ug/l	0.00
Spiked Amount 30.000			Recovery = 110.13%			
64) Bromofluorobenzene	7.089	174	157846	40.97	ug/l	0.00
Spiked Amount 30.000			Recovery = 136.57%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.394	51	3298298	466.78	ug/l	66
3) Dichlorodifluoromethane	1.394	85	1469364	414.13	ug/l	95
4) Chloromethane	1.511	50	1083178	305.97	ug/l	96
5) Bromomethane	1.829	94	184747	143.14	ug/l	98
6) Vinyl Chloride	1.595	62	691280	233.16	ug/l	100
7) Chloroethane	1.896	64	289310	199.33	ug/l	96
8) Trichlorofluoromethane	2.081	101	1842308	361.89	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.437	101	1131636	346.12	ug/l	94
10) Methylene Chloride	2.811	84	1364732	387.05	ug/l	96
11) Acrolein	2.388	56	932126	4977.20	ug/l	98
12) Acrylonitrile	2.999	53	315786	452.47	ug/l	91
13) Iodomethane	2.575	142	1707603	445.60	ug/l	91
14) Acetone	2.506	43	1501902	2105.47	ug/l	98
15) Carbon Disulfide	2.624	76	4070178	535.63	ug/l	100
16) t-Butyl Alcohol	2.457	59	118526	2230.48	ug/l	44
17) n-Hexane	3.215	57	1822458	559.00	ug/l	91
18) Di-isopropyl-ether	3.383	45	4929736	428.30	ug/l	86
19) 1,1-Dichloroethene	2.457	61	2687685	397.40	ug/l	90
20) Methyl Acetate	2.506	43	1497753	422.06	ug/l	100
21) Methyl-t-butyl ether	3.008	73	2063905	350.15	ug/l	74
22) 1,1-Dichloroethane	3.344	63	3005892	452.12	ug/l	99
23) trans-1,2-Dichloroethene	3.018	96	1110779	330.16	ug/l	60
24) cis-1,2-Dichloroethene	3.807	61	2644353	388.50	ug/l	80
25) Bromochloromethane	3.984	49	1777771	481.64	ug/l	69
26) 2,2-Dichloropropane	3.807	77	1689185	332.57	ug/l	92
27) 1,4-Dioxane	5.019	88	513533	21149.80	ug/l	59
28) 1,1-Dichloropropene	4.270	75	2041382	438.59	ug/l	97
29) Chloroform	4.033	83	2431612	368.15	ug/l	99
31) Cyclohexane	4.201	56	2647963	492.75	ug/l	84
33) 1,2-Dichloroethane	4.428	62	1800884	328.49	ug/l	97
34) 2-Butanone	3.826	43	491936	510.29	ug/l	88
35) 1,1,1-Trichloroethane	4.162	97	1826409	313.69	ug/l	95
36) Carbon Tetrachloride	4.280	117	1445933	262.66	ug/l	91
37) Vinyl Acetate	3.383	43	4306576	459.36	ug/l	100
38) Bromodichloromethane	5.098	83	2119030	380.34	ug/l	95
39) Methylcyclohexane	4.911	83	2044324	372.65	ug/l	75
40) Dibromomethane	5.019	174	1086807	428.07	ug/l	94
41) 1,2-Dichloropropane	4.940	63	1539062	436.72	ug/l	94
42) Trichloroethene	4.802	130	1751163	419.46	ug/l	94
43) Benzene	4.408	78	3772752	281.50	ug/l	100
44) tert-Amyl methyl ether	4.467	73	2387562	377.93	ug/l	97
46) Dibromochloromethane	6.054	129	1503908	384.21	ug/l	96
47) 2-Chloroethylvinylether	5.265	63	559394	647.25	ug/l	91
48) cis-1,3-Dichloropropene	5.364	75	2466038	497.69	ug/l	99
49) trans-1,3-Dichloropropene	5.689	75	2104402	483.76	ug/l	95
50) 1,1,2-Trichloroethane	5.808	97	1096385	424.13	ug/l	97
51) 1,2-Dibromoethane	6.133	107	1140706	463.35	ug/l	94
52) 1,3-Dichloropropane	5.916	76	1544395	374.70	ug/l	99
53) 4-Methyl-2-Pentanone	5.443	43	1399116	666.74	ug/l	97
54) 2-Hexanone	5.936	43	953151	648.47	ug/l	98
55) Tetrachloroethene	5.896	164	1106851	271.92	ug/l	99
57) Toluene	5.571	92	2670402	266.19	ug/l	86
58) 1,1,1,2-Tetrachloroethane	6.448	133	811251	207.35	ug/l	96
59) Chlorobenzene	6.409	112	3036645	296.71	ug/l	94
61) Bromoform	6.911	173	1207489	506.40	ug/l	96
62) Ethylbenzene	6.468	106	715712	192.91	ug/l	86
63) 1,1,2,2-Tetrachloroethane	7.158	83	1515942	551.30	ug/l	93
65) Styrene	6.783	104	2057370	224.95	ug/l	86
66) m&p-Xylenes	6.537	106	2146410	374.28	ug/l	94

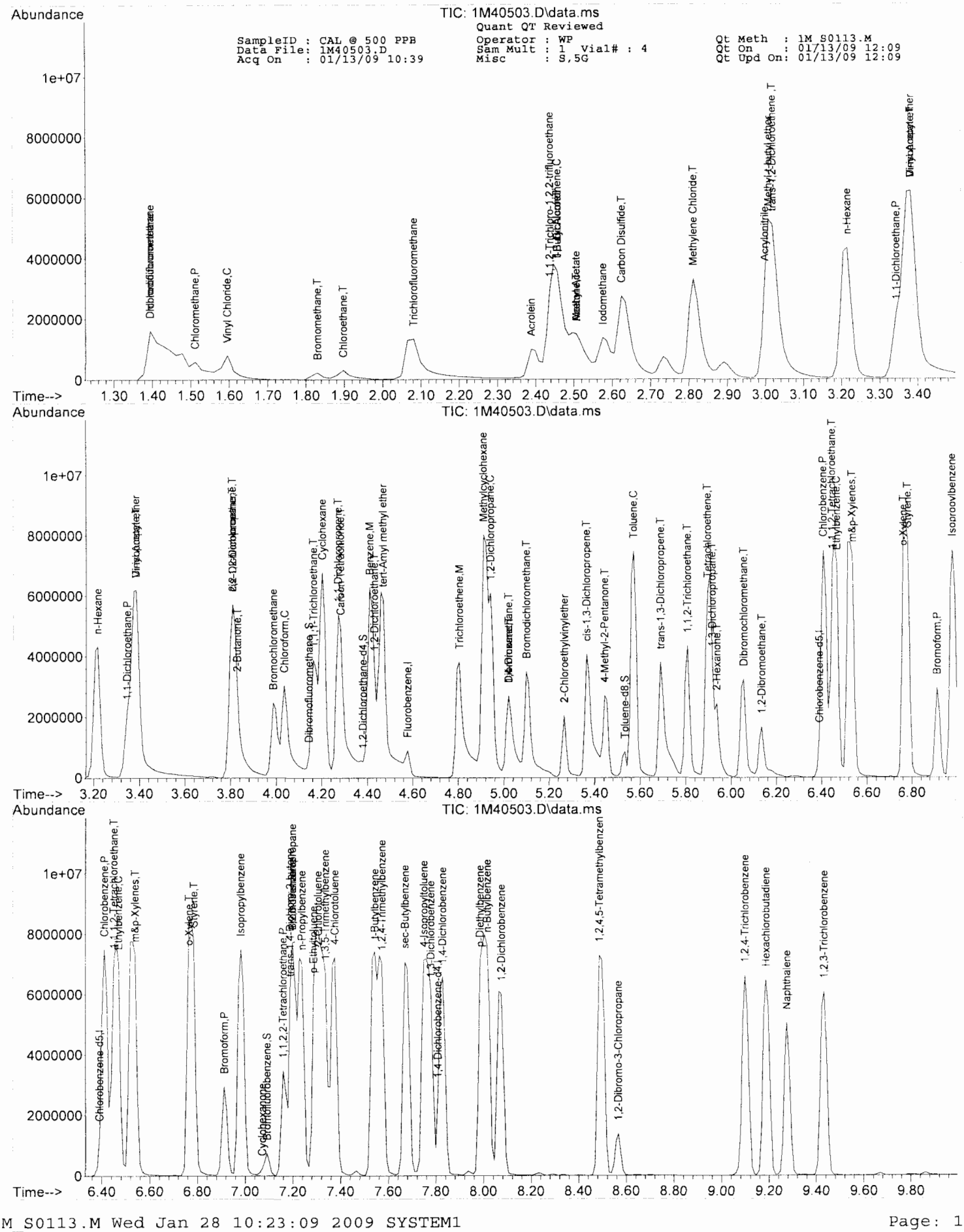
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40503.D Sam Mult : 1 Vial# : 4 Qt On : 01/13/09 12:09
Acq On : 01/13/09 10:39 Misc : S,5G Qt Upd On: 01/13/09 12:09

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67)	o-Xylene	6.764	106	1288145	236.40	ug/l	95
68)	trans-1,4-Dichloro-2-b...	7.187	53	422606	415.51	ug/l	63
69)	1,3-Dichlorobenzene	7.779	146	2050936	258.38	ug/l	89
70)	1,4-Dichlorobenzene	7.828	146	2545423	336.62	ug/l	92
71)	1,2-Dichlorobenzene	8.074	146	2494427	354.22	ug/l	91
72)	Isopropylbenzene	6.980	105	4273223	288.82	ug/l	92
73)	Cyclohexanone	7.069	55	59083	2416.43	ug/l	98
74)	1,2,3-Trichloropropane	7.197	75	1253548	372.13	ug/l	87
75)	2-Chlorotoluene	7.306	91	1447813	174.28	ug/l	95
76)	p-Ethyltoluene	7.286	105	3471221	232.52	ug/l	95
77)	4-Chlorotoluene	7.375	91	2189651	235.66	ug/l	97
78)	n-Propylbenzene	7.237	91	4975324	256.97	ug/l	90
79)	Bromobenzene	7.197	77	2959351	377.61	ug/l	81
80)	1,3,5-Trimethylbenzene	7.335	105	2721300m	184.74	ug/l	
81)	t-Butylbenzene	7.542	119	3412577	268.03	ug/l	86
82)	1,2,4-Trimethylbenzene	7.572	105	3464673	250.09	ug/l	93
83)	sec-Butylbenzene	7.670	105	4527093	274.10	ug/l	95
84)	4-Isopropyltoluene	7.749	119	3149827	215.26	ug/l	87
85)	n-Butylbenzene	8.015	91	4126292	230.52	ug/l	97
86)	p-Diethylbenzene	7.986	119	2200906	230.13	ug/l	93
87)	1,2,4,5-Tetramethylben...	8.488	119	4124364	352.96	ug/l	97
88)	1,2-Dibromo-3-Chloropr...	8.567	157	375963	566.21	ug/l	99
89)	Hexachlorobutadiene	9.188	225	1656465	378.60	ug/l	97
90)	1,2,4-Trichlorobenzene	9.099	180	2270863	420.34	ug/l	96
91)	1,2,3-Trichlorobenzene	9.434	180	2185373	442.23	ug/l	95
92)	Naphthalene	9.277	128	3659104	498.39	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 1M40503.D
Acq On : 01/13/09 10:39
Operator : WP
Sam Mult : 1 Vial# : 4
Misc : S,5G
Qt Meth : 1M_S0113.M
Qt On : 01/13/09 12:09
Qt Upd On: 01/13/09 12:09
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
n-Hexane
1,1-Dichloroethane,P
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzen
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40511.D Sam Mult : 1 Vial# : 12 Qt On : 01/13/09 13:10
Acq On : 01/13/09 12:55 Misc : S,5G Qt Upd On: 01/13/09 13:09

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	4.585	96	342034	30.00 ug/l	0.00
45) Chlorobenzene-d5	6.398	117	305374	30.00 ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.808	152	187964	30.00 ug/l	0.00
System Monitoring Compounds					
30) Dibromofluoromethane	4.151	111	90057	36.47 ug/l	0.00
Spiked Amount 30.000			Recovery = 121.57%		
32) 1,2-Dichloroethane-d4	4.378	102	14279	27.24 ug/l	0.00
Spiked Amount 30.000			Recovery = 90.80%		
56) Toluene-d8	5.531	100	254012	28.82 ug/l	0.00
Spiked Amount 30.000			Recovery = 96.07%		
64) Bromofluorobenzene	7.098	174	153218	27.01 ug/l	0.00
Spiked Amount 30.000			Recovery = 90.03%		
Target Compounds					Qvalue
2) Chlorodifluoromethane	0.000		0	N.D. d	
3) Dichlorodifluoromethane	0.000		0	N.D. d	
4) Chloromethane	0.000		0	N.D. d	
5) Bromomethane	0.000		0	N.D.	
6) Vinyl Chloride	0.000		0	N.D. d	
7) Chloroethane	0.000		0	N.D. d	
8) Trichlorofluoromethane	0.000		0	N.D. d	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D. d	
10) Methylene Chloride	0.000		0	N.D. d	
11) Acrolein	0.000		0	N.D. d	
12) Acrylonitrile	0.000		0	N.D. d	
13) Iodomethane	0.000		0	N.D. d	
14) Acetone	0.000		0	N.D. d	
15) Carbon Disulfide	0.000		0	N.D. d	
16) t-Butyl Alcohol	0.000		0	N.D.	
17) n-Hexane	0.000		0	N.D. d	
18) Di-isopropyl-ether	0.000		0	N.D. d	
19) 1,1-Dichloroethene	0.000		0	N.D. d	
20) Methyl Acetate	0.000		0	N.D. d	
21) Methyl-t-butyl ether	3.018	73	8034	1.24 ug/l #	48
22) 1,1-Dichloroethane	0.000		0	N.D. d	
23) trans-1,2-Dichloroethene	0.000		0	N.D. d	
24) cis-1,2-Dichloroethene	0.000		0	N.D. d	
25) Bromochloromethane	0.000		0	N.D. d	
26) 2,2-Dichloropropane	0.000		0	N.D. d	
27) 1,4-Dioxane	0.000		0	N.D. d	
28) 1,1-Dichloropropene	0.000		0	N.D. d	
29) Chloroform	0.000		0	N.D. d	
31) Cyclohexane	0.000		0	N.D. d	
33) 1,2-Dichloroethane	0.000		0	N.D. d	
34) 2-Butanone	0.000		0	N.D. d	
35) 1,1,1-Trichloroethane	0.000		0	N.D. d	
36) Carbon Tetrachloride	0.000		0	N.D. d	
37) Vinyl Acetate	0.000		0	N.D. d	
38) Bromodichloromethane	0.000		0	N.D. d	
39) Methylcyclohexane	0.000		0	N.D. d	
40) Dibromomethane	0.000		0	N.D. d	
41) 1,2-Dichloropropane	0.000		0	N.D. d	
42) Trichloroethene	0.000		0	N.D. d	
43) Benzene	4.417	78	26895	1.76 ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D. d	
46) Dibromochloromethane	0.000		0	N.D. d	
47) 2-Chloroethylvinylether	0.000		0	N.D. d	
48) cis-1,3-Dichloropropene	0.000		0	N.D. d	
49) trans-1,3-Dichloropropene	0.000		0	N.D. d	
50) 1,1,2-Trichloroethane	0.000		0	N.D. d	
51) 1,2-Dibromoethane	0.000		0	N.D. d	
52) 1,3-Dichloropropane	0.000		0	N.D. d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D. d	
54) 2-Hexanone	0.000		0	N.D. d	
55) Tetrachloroethene	0.000		0	N.D. d	
57) Toluene	5.570	92	21796	1.60 ug/l	99
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D. d	
59) Chlorobenzene	0.000		0	N.D. d	
61) Bromoform	0.000		0	N.D. d	
62) Ethylbenzene	6.467	106	6508	1.42 ug/l	88
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
65) Styrene	0.000		0	N.D. d	
66) m&p-Xylenes	6.526	106	24147	3.50 ug/l	95

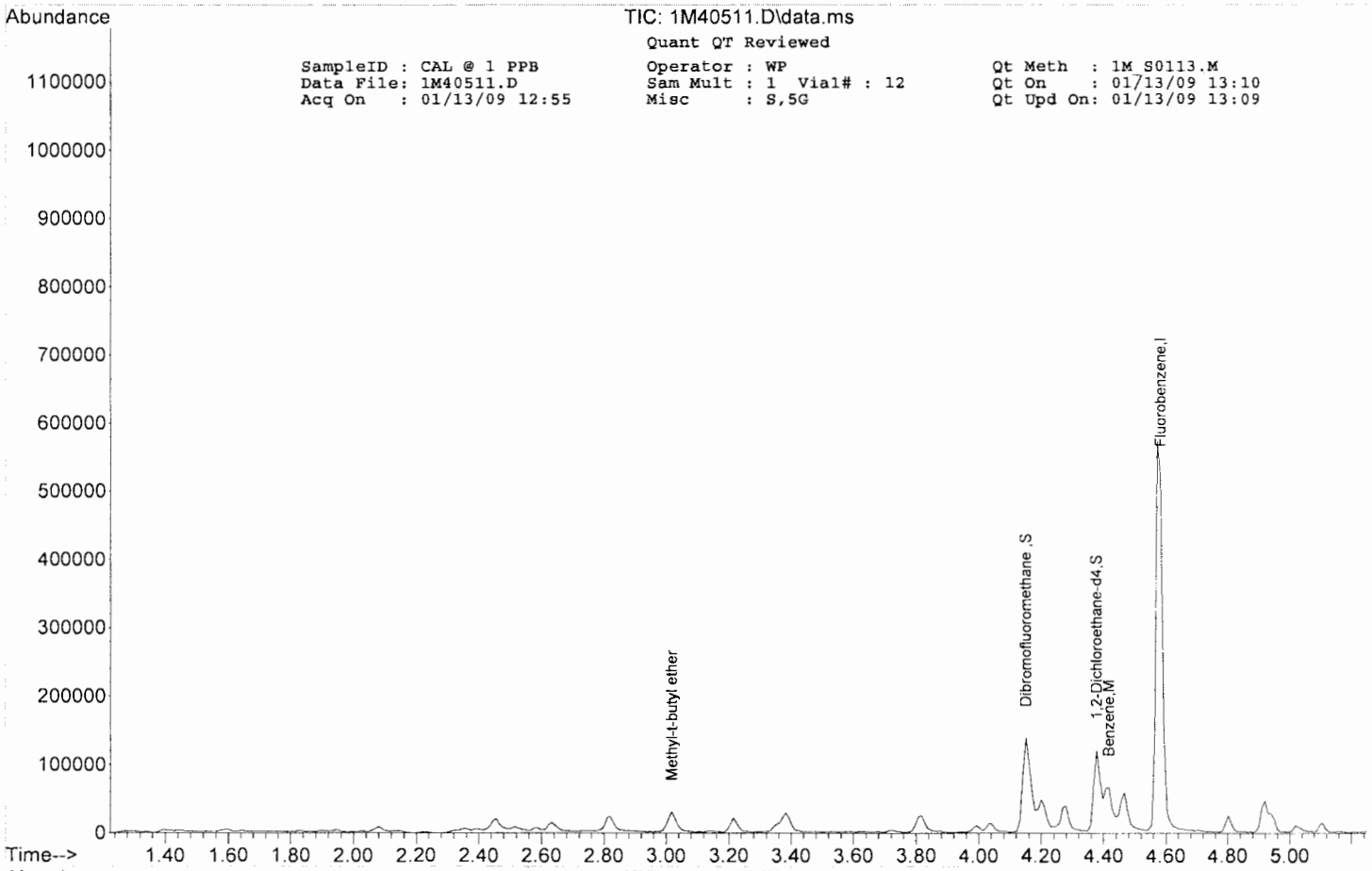
Quantitation Report (QT Reviewed)

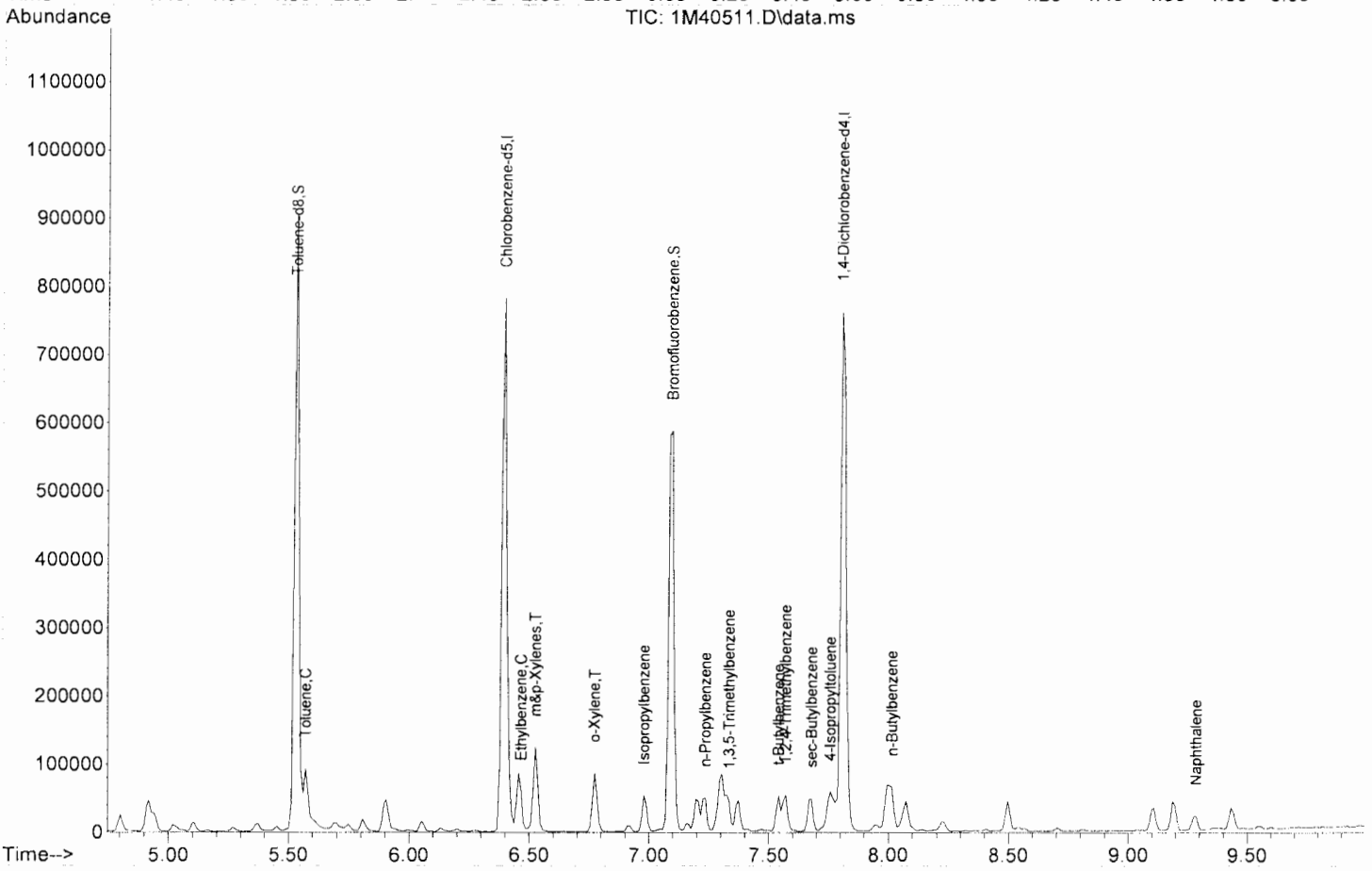
SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40511.D Sam Mult : 1 Vial# : 12 Qt On : 01/13/09 13:10
Acq On : 01/13/09 12:55 Misc : S,5G Qt Upd On: 01/13/09 13:09

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.773	106	10284	1.16 ug/l	92
68)	trans-1,4-Dichloro-2-b...	0.000		0	N.D. d	
69)	1,3-Dichlorobenzene	0.000		0	N.D. d	
70)	1,4-Dichlorobenzene	0.000		0	N.D. d	
71)	1,2-Dichlorobenzene	0.000		0	N.D. d	
72)	Isopropylbenzene	6.980	105	23726	1.13 ug/l	96
73)	Cyclohexanone	0.000		0	N.D.	
74)	1,2,3-Trichloropropane	0.000		0	N.D. d	
75)	2-Chlorotoluene	0.000		0	N.D. d	
76)	p-Ethyltoluene	0.000		0	N.D. d	
77)	4-Chlorotoluene	0.000		0	N.D. d	
78)	n-Propylbenzene	7.236	91	31445	1.25 ug/l	95
79)	Bromobenzene	0.000		0	N.D. d	
80)	1,3,5-Trimethylbenzene	7.335	105	21324	1.22 ug/l	96
81)	t-Butylbenzene	7.542	119	19996	1.12 ug/l	90
82)	1,2,4-Trimethylbenzene	7.571	105	25666	1.39 ug/l	94
83)	sec-Butylbenzene	7.680	105	26951	1.16 ug/l	100
84)	4-Isopropyltoluene	7.758	119	21202	1.13 ug/l	93
85)	n-Butylbenzene	8.015	91	29447	1.26 ug/l	98
86)	p-Diethylbenzene	0.000		0	N.D. d	
87)	1,2,4,5-Tetramethylben...	0.000		0	N.D. d	
88)	1,2-Dibromo-3-Chloropr...	0.000		0	N.D. d	
89)	Hexachlorobutadiene	0.000		0	N.D. d	
90)	1,2,4-Trichlorobenzene	0.000		0	N.D. d	
91)	1,2,3-Trichlorobenzene	0.000		0	N.D. d	
92)	Naphthalene	9.286	128	14527	1.14 ug/l	100

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


Abundance
TIC: 1M40511.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 1M40511.D
Acq On : 01/13/09 12:55
Operator : WP
Sam Mult : 1 Vial# : 12
Misc : S,5G
Qt Meth : 1M_S0113.M
Qt On : 01/13/09 13:10
Qt Upd On: 01/13/09 13:09
Methyl-t-butyl ether
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Benzene,M
Fluorobenzene,I
Time-->


Abundance
TIC: 1M40511.D\data.ms
Toluene-d8,S
Toluene,C
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
Naphthalene
Time-->

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M36952.	CAL @ 20 PPB	01/14/09 11:44	2	6M36946.	CAL @ 5 PPB	01/14/09 10:07
3	6M36951.	CAL @ 10 PPB	01/14/09 11:28	4	6M36950.	CAL @ 50 PPB	01/14/09 11:12
5	6M36949.	CAL @ 100 PPB	01/14/09 10:56	6	6M36948.	CAL @ 250 PPB	01/14/09 10:39
7	6M36947.	CAL @ 500 PPB	01/14/09 10:23	8	6M36944.	CAL @ 1 PPB	01/14/09 09:35
9	6M36945.	CAL @ 0.5 PPB	01/14/09 09:51				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.5597	0.5244	0.5369	0.5251	0.5218	0.5090	0.4583	0.6608	-----	0.537	1.19	0.997	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dichlorodifluoromethan	1	0	Avg	0.3165	0.2821	0.3420	0.2976	0.2910	0.2831	0.2732	0.3568	-----	0.305	1.18	1.00	1.00	9.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloromethane	1	0	Avg	0.2722	0.2590	0.2841	0.2561	0.2572	0.2470	0.2319	0.2158	-----	0.253	1.31	0.999	1.00	8.5	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromomethane	1	0	Avg	0.1743	0.1798	0.1831	0.1519	0.1308	-----	-----	0.1762	-----	0.166	1.57	0.992	1.00	12		20.00	5.00	10.00	50.00	100.0			1.00	
Vinyl Chloride	1	0	Avg	0.2552	0.2121	0.2826	0.2497	0.2574	0.2415	0.2144	0.2120	-----	0.241	1.36	0.996	1.00	11	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroethane	1	0	Avg	0.1568	0.1296	0.1669	0.1423	0.1382	0.1102	-----	0.1301	-----	0.139	1.63	0.989	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Trichlorofluoromethane	1	0	Avg	0.4380	0.3629	0.4243	0.3929	0.3760	0.3440	0.3265	0.4000	-----	0.383	1.80	0.999	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.2003	0.1422	0.2146	0.1905	0.1751	0.1630	0.1565	0.2025	-----	0.181	2.15	0.999	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylene Chloride	1	0	Avg	0.2676	0.2751	0.2690	0.2404	0.2408	0.2238	-----	0.2536	-----	0.253	2.48	0.999	1.00	7.4		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Acrolein	1	0	Avg	0.0388	0.0340	0.0396	0.0376	0.0401	0.0381	0.0320	0.0332	-----	0.0367	2.07	0.992	1.00	8.5		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Acrylonitrile	1	0	LinF	0.0982	0.0946	0.1071	0.0952	0.0987	0.0893	0.0780	0.0138	-----	0.0844	2.65	0.994	1.00	35		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Iodomethane	1	0	Avg	0.5046	0.4721	0.5118	0.4599	0.4498	0.4060	0.3676	0.4755	-----	0.456	2.26	0.997	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acetone	1	0	Avg	0.1134	0.1184	0.1202	0.1016	0.1072	0.0959	0.0868	0.1313	-----	0.109	2.17	0.997	1.00	13		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Carbon Disulfide	1	0	Avg	0.7436	0.6718	0.7937	0.6890	0.6925	0.6586	0.6096	0.7854	-----	0.706	2.31	0.998	1.00	9.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butyl Alcohol	1	0	Avg	0.0315	0.0308	0.0332	0.0299	0.0332	0.0309	0.0292	0.0232	-----	0.0303	2.54	0.999	1.00	11		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
n-Hexane	1	0	LinF	0.1056	0.0572	0.1071	0.1075	0.1054	0.1036	0.1001	0.0952	-----	0.0978	2.89	1.00	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Di-isopropyl-ether	1	0	Avg	1.0773	0.9774	1.1185	1.0095	1.0181	0.9393	0.8275	0.9794	-----	0.993	3.04	0.995	1.00	8.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethene	1	0	Avg	0.4663	0.3862	0.4993	0.4245	0.4292	0.3933	0.3553	0.4596	-----	0.427	2.15	0.997	1.00	11	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl Acetate	1	0	Avg	0.2721	0.2805	0.2995	0.2468	0.2653	0.2470	0.2278	0.3215	-----	0.270	2.41	0.998	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl-t-butyl ether	1	0	Avg	0.7827	0.7585	0.8164	0.7091	0.7166	0.6440	0.5675	0.7246	-----	0.715	2.68	0.995	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethane	1	0	Avg	0.5730	0.5774	0.5841	0.5175	0.5262	0.4889	0.4469	0.5258	-----	0.530	3.00	0.998	1.00	9.0	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.2-Dichloroether	1	0	Avg	0.2344	0.2076	0.2491	0.2078	0.2036	0.1818	0.1574	0.2207	-----	0.208	2.68	0.993	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.2-Dichloroethene	1	0	Avg	0.5156	0.4902	0.5265	0.4753	0.4782	0.4432	0.3968	0.4788	-----	0.476	3.45	0.996	1.00	8.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromochloromethane	1	0	Avg	0.2684	0.2683	0.2695	0.2385	0.2446	0.2323	0.2096	0.2703	-----	0.250	3.65	0.997	1.00	9.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2.2-Dichloropropane	1	0	Avg	0.3265	0.3285	0.3389	0.3043	0.3023	0.2872	0.2726	0.3607	-----	0.315	3.45	0.999	1.00	9.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dioxane	1	0	LinF	0.0050	0.0039	0.0051	0.0050	0.0051	0.0047	0.0041	0.0026	-----	0.00448	4.75	0.994	1.00	20		1000.	250.0	500.0	2500.	5000.	1250	2500	50.00	
1.1-Dichloropropene	1	0	Avg	0.3959	0.3339	0.4160	0.3802	0.3711	0.3417	0.3049	0.3406	-----	0.361	3.98	0.996	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroform	1	0	Avg	0.5597	0.5826	0.5755	0.5035	0.5123	0.4808	0.4568	0.5802	-----	0.531	3.71	0.999	1.00	9.3	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromofluoromethane	1	0	Avg	0.3243	0.3505	0.3218	0.3093	0.3057	0.2922	0.2961	0.3402	-----	0.318	3.84	-1	-1	6.5		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Cyclohexane	1	0	Avg	0.3129	0.2026	0.3228	0.2988	0.2880	0.2763	0.2483	0.2578	-----	0.276	3.91	0.997	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloroethane-d4	1	0	Avg	0.2046	0.2232	0.2001	0.1992	0.2052	0.1889	0.1899	0.2086	-----	0.202	4.08	-1	-1	5.4		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1.2-Dichloroethane	1	0	Avg	0.5624	0.5865	0.5737	0.4928	0.4886	0.4313	-----	0.5984	0.4398	0.522	4.13	0.997	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0		1.00	0.50
2-Butanone	1	0	LinF	0.1656	0.1506	0.1911	0.1500	0.1652	0.1521	0.1357	0.0996	-----	0.151	3.46	0.996	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1-Trichloroethane	1	0	Avg	0.4458	0.4256	0.4531	0.4004	0.4009	0.3782	0.3628	0.4712	-----	0.417	3.86	0.999	1.00	9.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Carbon Tetrachloride	1	0	Avg	0.3734	0.3361	0.3824	0.3333	0.3167	0.2879	-----	0.4162	-----	0.349	3.99	0.998	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Vinyl Acetate	1	0	Avg	0.9875	1.0080	1.0529	0.9350	0.9490	0.8780	0.7797	0.9576	-----	0.943	3.04	0.996	1.00	8.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromodichloromethane	1	0	Avg	0.6299	0.6395	0.6486	0.5723	0.5772	0.5344	0.4898	0.5419	-----	0.579	4.83	0.998	1.00	9.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylcyclohexane	1	0	LinF	0.2599	0.1549	0.2752	0.2559	0.2183	0.1962	-----	0.1766	-----	0.220	4.66	0.995	0.999	21		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Dibromomethane	1	0	Avg	0.3514	0.3609	0.3565	0.3252	0.3127	0.2814	0.2394	0.3155	-----	0.318	4.74	0.992	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloropropane	1	0	Avg	0.4335	0.3929	0.4284	0.3935	0.3483	0.3065	-----	0.3380	-----	0.377	4.67	0.995	1.00	13	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Trichloroethene	1	0	Avg	0.3580	0.3211	0.3571	0.3288	0.3251	0.2926	0.2526	0.3408	-----	0.322	4.54	0.993	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria — ** - ccc compound*

b - failed the ccc criteria — *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.3

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M36952.	CAL @ 20 PPB	01/14/09 11:44	2	6M36946.	CAL @ 5 PPB	01/14/09 10:07
3	6M36951.	CAL @ 10 PPB	01/14/09 11:28	4	6M36950.	CAL @ 50 PPB	01/14/09 11:12
5	6M36949.	CAL @ 100 PPB	01/14/09 10:56	6	6M36948.	CAL @ 250 PPB	01/14/09 10:39
7	6M36947.	CAL @ 500 PPB	01/14/09 10:23	8	6M36944.	CAL @ 1 PPB	01/14/09 09:35
9	6M36945.	CAL @ 0.5 PPB	01/14/09 09:51				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	Avg	1.1250	1.0751	1.1574	1.0220	1.0101	0.8925	0.7637	1.1667	1.0186	1.03	4.12	0.992	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
tert-Amyl methyl ether	1	0	Avg	0.8612	0.8016	0.8814	0.7945	0.7878	0.7167	0.6143	0.7582	-----	0.777	4.20	0.993	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.6360	0.6639	0.6239	0.5949	0.5856	0.5352	0.4988	0.5898	-----	0.591	5.76	0.998	1.00	9.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chloroethylvinylether	1	0	LinF	0.2116	0.1341	0.2044	0.2293	0.2481	0.2456	0.2348	0.0193	-----	0.191	5.00	0.999	1.00	41		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.3-Dichloropropene	1	0	Avg	0.6495	0.5448	0.6277	0.6403	0.6398	0.6085	0.5811	0.4719	-----	0.595	5.09	0.999	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.3-Dichloroprope	1	0	Avg	0.6233	0.5537	0.5960	0.6154	0.6266	0.5986	0.5899	0.3690	-----	0.572	5.42	1.00	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloroethane	1	0	Avg	0.4462	0.4355	0.4465	0.4096	0.3950	0.3555	0.3237	0.4109	-----	0.403	5.52	0.997	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromoethane	1	0	Avg	0.5036	0.4725	0.4810	0.4711	0.4783	0.4544	0.4376	0.4168	-----	0.464	5.84	0.999	1.00	5.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichloropropane	1	0	Avg	0.2390	0.2538	0.2314	0.2137	0.1815	0.1626	-----	0.2193	-----	0.215	4.67	0.996	0.999	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
4-Methyl-2-Pentanone	1	0	LinF	0.5161	0.4014	0.5097	0.4928	0.5177	0.4828	0.4497	0.3024	-----	0.459	5.18	0.998	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Hexanone	1	0	LinF	0.3412	0.2513	0.3540	0.3599	0.3890	0.3588	0.3411	0.1140	-----	0.314	5.66	0.999	1.00	29		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Tetrachloroethene	1	0	Avg	0.3679	0.3148	0.3771	0.3393	0.3168	0.2650	-----	0.3575	-----	0.334	5.63	0.993	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Toluene-d8	1	0	Avg	1.4182	1.3671	1.3663	1.4098	1.3881	1.3931	1.4532	1.2403	-----	1.38	5.25	-1	-1	4.6		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	0.9401	0.8696	0.9683	0.8707	0.8252	0.7381	0.6652	0.9108	-----	0.849	5.30	0.996	1.00	12	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.4595	0.4998	0.4689	0.4274	0.3998	0.3343	-----	0.4444	-----	0.433	6.16	0.993	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Chlorobenzene	1	0	Avg	1.0925	1.0956	1.1121	1.0150	0.9832	0.8704	0.7782	1.1110	-----	1.01	6.13	0.996	1.00	12	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromoform	1	0	Avg	0.8962	0.9335	0.9021	0.8596	0.8968	0.8726	0.7822	0.9118	-----	0.882	6.61	0.997	1.00	5.2	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethylbenzene	1	0	Avg	0.6649	0.4343	0.6509	0.6213	0.6328	0.5403	-----	0.5311	-----	0.582	6.18	0.995	1.00	14	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	1.1908	1.1659	1.2203	1.1024	1.1004	1.0026	0.8601	1.3693	-----	1.13	6.85	0.993	1.00	13	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromofluorobenzene	1	0	Avg	0.9271	0.9121	0.9153	0.9536	0.9610	0.9954	1.0125	0.9819	-----	0.957	6.79	-1	-1	3.9		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	LinF	1.9734	1.4898	1.9497	1.8386	1.7395	1.4137	-----	1.1741	-----	1.65	6.49	0.990	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
m&p-Xylenes	1	0	Avg	1.0818	0.8261	1.0527	0.9963	0.8944	0.7351	-----	0.8381	-----	0.918	6.25	0.990	1.00	14		40.00	10.00	20.00	100.0	200.0	500.0		2.00	
o-Xylene	1	0	Avg	1.0831	0.7967	1.0523	1.0449	0.9436	-----	-----	0.7509	-----	0.945	6.48	0.996	1.00	15		20.00	5.00	10.00	50.00	100.0			1.00	
trans-1.4-Dichloro-2-bu	1	0	Avg	0.3214	0.2914	0.3373	0.3043	0.3081	0.2763	-----	0.2003	-----	0.291	6.89	0.998	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.3-Dichlorobenzene	1	0	Avg	1.3897	1.2818	1.4593	1.3160	1.2334	1.0393	-----	1.3111	-----	1.29	7.46	0.994	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.4-Dichlorobenzene	1	0	Avg	1.5258	1.5342	1.6467	1.4099	1.3807	1.2358	1.0638	1.4584	-----	1.41	7.51	0.993	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichlorobenzene	1	0	Avg	1.5682	1.4507	1.6734	1.4425	1.3821	1.2565	1.0961	1.5351	-----	1.43	7.75	0.994	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Isopropylbenzene	1	0	LinF	2.1916	1.4159	2.1210	2.1615	2.1311	1.9264	1.6320	1.6333	-----	1.90	6.69	0.991	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	LinF	0.0645	0.0171	0.0676	0.0636	0.0666	0.0625	0.0628	0.1835	-----	0.0736	6.76	1.00	1.00	65		10.00	2.50	5.00	25.00	50.00	125.0	250.0	0.50	
1.2.3-Trichloropropane	1	0	LinF	1.4149	1.4834	1.4702	1.3090	1.2725	1.0771	-----	2.2014	-----	1.46	6.89	0.995	1.00	24		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
2-Chlorotoluene	1	0	Avg	1.7723	1.3626	1.7318	1.6479	1.4926	1.2065	-----	1.2711	-----	1.50	7.00	0.989	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
p-Ethyltoluene	1	0	LinF	1.8700	1.3037	1.8569	1.6638	1.5798	1.3679	1.1855	1.0961	-----	1.49	7.00	0.993	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Chlorotoluene	1	0	LinF	1.5872	1.2031	1.5374	1.5458	1.5378	1.4161	-----	0.9519	-----	1.40	7.07	0.999	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
n-Propylbenzene	1	0	Avg	2.6535	1.8633	2.5453	2.5256	2.4447	2.1972	1.9193	2.2172	-----	2.30	6.94	0.994	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	LinF	2.0589	1.9244	2.0741	1.8564	1.6557	1.4261	-----	2.3466	-----	1.91	6.89	0.994	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.3.5-Trimethylbenzene	1	0	Avg	1.8044	1.5548	1.9512	1.8507	1.8142	1.5927	1.3103	2.0251	-----	1.74	7.03	0.988	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butylbenzene	1	0	LinF	1.5586	0.8690	1.5469	1.5526	1.5014	1.3619	1.1911	1.2885	-----	1.36	7.24	0.994	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trimethylbenzene	1	0	Avg	1.9661	1.4021	1.9815	1.8885	1.8660	1.6969	1.4875	1.3341	-----	1.70	7.27	0.994	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	LinF	1.7704	1.1184	1.7523	1.7839	1.7333	1.5757	1.3823	1.2118	-----	1.54	7.37	0.994	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	LinF	1.4405	0.9187	1.5031	1.4463	1.3690	1.1697	-----	0.9081	-----	1.25	7.45	0.994	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
n-Butylbenzene	1	0	LinF	1.7042	1.0375	1.9215	1.7287	1.6796	1.5225	1.3656	1.3070	-----	1.53	7.71	0.996	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.3

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0169

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M36952.	CAL @ 20 PPB	01/14/09 11:44	2	6M36946.	CAL @ 5 PPB	01/14/09 10:07
3	6M36951.	CAL @ 10 PPB	01/14/09 11:28	4	6M36950.	CAL @ 50 PPB	01/14/09 11:12
5	6M36949.	CAL @ 100 PPB	01/14/09 10:56	6	6M36948.	CAL @ 250 PPB	01/14/09 10:39
7	6M36947.	CAL @ 500 PPB	01/14/09 10:23	8	6M36944.	CAL @ 1 PPB	01/14/09 09:35
9	6M36945.	CAL @ 0.5 PPB	01/14/09 09:51				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	LinF	0.7680	0.4567	0.8371	0.8178	0.8252	0.7591	0.6907	0.4711	-----	0.703	7.69	0.997	1.00	22	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4.5-Tetramethylber	1	0	LinF	1.2861	0.8061	1.3450	1.4783	1.5307	1.4278	1.2508	0.9382	-----	1.26	8.18	0.995	1.00	21	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromo-3-Chloropr	1	0	Avg	0.3299	0.2889	0.3287	0.3220	0.3299	0.3202	0.3146	0.2054	-----	0.305	8.23	1.00	1.00	14	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Hexachlorobutadiene	1	0	LinF	0.3840	0.2741	0.6626	0.4233	0.3923	0.3376	0.3013	0.6376	-----	0.427	8.86	0.995	0.999	34	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trichlorobenzene	1	0	Avg	0.6450	0.4991	0.7528	0.6939	0.7186	0.6950	0.6500	0.5396	-----	0.649	8.77	0.999	1.00	14	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.3-Trichlorobenzene	1	0	Avg	0.7556	0.6167	0.8900	0.7629	0.7817	0.7347	0.6877	0.6167	-----	0.731	9.09	0.999	1.00	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Naphthalene	1	0	LinF	2.4153	1.6092	2.5495	2.5393	2.6013	2.4266	2.1463	1.8255	-----	2.26	8.93	0.995	1.00	16	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.3
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0170

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 6M36952.D
Acq On : 01/14/09 11:44

Operator : WP
Sam Mult : 1 Vial# : 13
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:34
Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.305	96	251159	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.108	117	213377	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.495	152	120196	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.837	111	81455	30.74	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.47%			
32) 1,2-Dichloroethane-d4	4.077	67	51398	29.57	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.57%			
56) Toluene-d8	5.254	98	302619	30.20	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.67%			
64) Bromofluorobenzene	6.792	174	111437	29.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.57%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.194	51	93726	25.82	ug/l	64
3) Dichlorodifluoromethane	1.177	85	53002	15.63	ug/l	87
4) Chloromethane	1.309	50	45582	16.68	ug/l	96
5) Bromomethane	1.574	94	29190	15.08	ug/l	83
6) Vinyl Chloride	1.361	62	42736	15.77	ug/l	95
7) Chloroethane	1.632	64	26257	19.98	ug/l	94
8) Trichlorofluoromethane	1.805	101	73342	22.47	ug/l	91
9) 1,1,2-Trichloro-1,2,2-...	2.148	101	33551	21.00	ug/l	97
10) Methylene Chloride	2.479	84	44815	21.77	ug/l	92
11) Acrolein	2.070	56	32486	193.93	ug/l	95
12) Acrylonitrile	2.653	53	16443	22.40	ug/l	98
13) Iodomethane	2.257	142	84505	24.86	ug/l	96
14) Acetone	2.172	43	94948	105.88	ug/l	99
15) Carbon Disulfide	2.311	76	124512	25.61	ug/l	100
16) t-Butyl Alcohol	2.545	59	26428	110.76	ug/l	94
17) n-Hexane	2.893	57	17697	17.69	ug/l	87
18) Di-isopropyl-ether	3.044	45	180390	21.03	ug/l	99
19) 1,1-Dichloroethene	2.148	61	78092	20.74	ug/l	95
20) Methyl Acetate	2.407	43	45575	19.02	ug/l	100
21) Methyl-t-butyl ether	2.677	73	131056	21.89	ug/l	97
22) 1,1-Dichloroethane	2.995	63	95944	21.00	ug/l	97
23) trans-1,2-Dichloroethene	2.683	96	39261	22.49	ug/l	94
24) cis-1,2-Dichloroethene	3.452	61	86343	20.41	ug/l	91
25) Bromochloromethane	3.650	49	44948	21.33	ug/l	80
26) 2,2-Dichloropropane	3.452	77	54672	16.51	ug/l	98
27) 1,4-Dioxane	4.750	88	42369	1299.94	ug/l	75
28) 1,1-Dichloropropene	3.981	75	66289	23.65	ug/l	93
29) Chloroform	3.710	83	93720	21.22	ug/l	86
31) Cyclohexane	3.909	56	52399	20.78	ug/l	83
33) 1,2-Dichloroethane	4.131	62	94178	20.93	ug/l	97
34) 2-Butanone	3.458	43	27742	22.12	ug/l	96
35) 1,1,1-Trichloroethane	3.861	97	74651	21.44	ug/l	99
36) Carbon Tetrachloride	3.987	117	62533	21.36	ug/l	92
37) Vinyl Acetate	3.044	43	165350	19.53	ug/l	100
38) Bromodichloromethane	4.828	83	105484	23.05	ug/l	98
39) Methylcyclohexane	4.660	83	43522	23.51	ug/l	90
40) Dibromomethane	4.744	174	58851	23.68	ug/l	91
41) 1,2-Dichloropropane	4.666	63	72593	24.02	ug/l	92
42) Trichloroethene	4.540	130	59950	24.13	ug/l	97
43) Benzene	4.125	78	188379	21.11	ug/l	100
44) tert-Amyl methyl ether	4.197	73	144203	23.10	ug/l	99
46) Dibromochloromethane	5.759	129	90479	22.65	ug/l	97
47) 2-Chloroethylvinylether	5.002	63	30105	22.84	ug/l	79
48) cis-1,3-Dichloropropene	5.092	75	92404	20.91	ug/l	95
49) trans-1,3-Dichloropropene	5.417	75	88673	20.47	ug/l	95
50) 1,1,2-Trichloroethane	5.519	97	63482	22.37	ug/l	89
51) 1,2-Dibromoethane	5.837	107	71644	22.87	ug/l	90
52) 1,3-Dichloropropane	4.666	76	34000	23.49	ug/l	98
53) 4-Methyl-2-Pentanone	5.176	43	73422	22.35	ug/l	94
54) 2-Hexanone	5.663	43	48546	20.38	ug/l	94
55) Tetrachloroethene	5.627	164	52340	21.77	ug/l	99
57) Toluene	5.297	92	133733	20.55	ug/l	88
58) 1,1,1,2-Tetrachloroethane	6.162	133	65364	21.61	ug/l	68
59) Chlorobenzene	6.126	112	155415	22.04	ug/l	96
61) Bromoform	6.606	173	71815	21.48	ug/l	98
62) Ethylbenzene	6.180	106	53280	23.37	ug/l	81
63) 1,1,2,2-Tetrachloroethane	6.853	83	95425	21.43	ug/l	92
65) Styrene	6.486	104	158131	24.28	ug/l	96
66) m&p-Xylenes	6.246	106	173376	48.52	ug/l	93

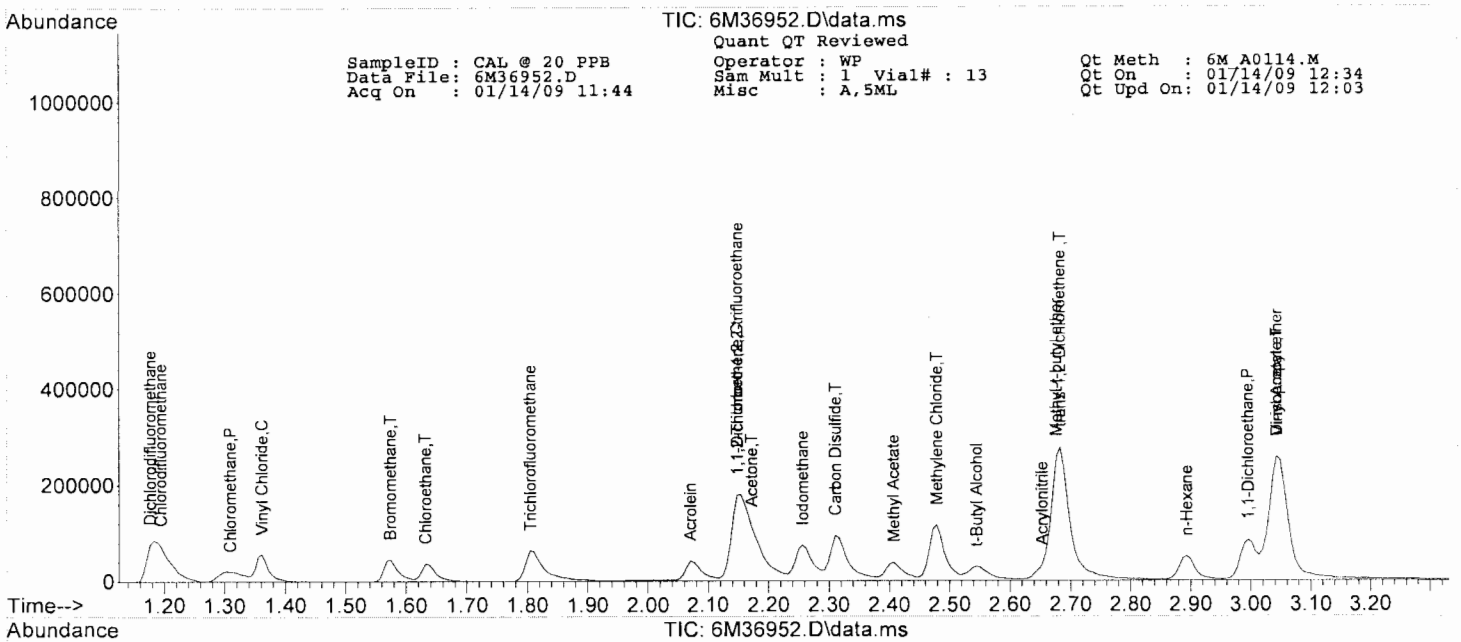
Quantitation Report (QT Reviewed)

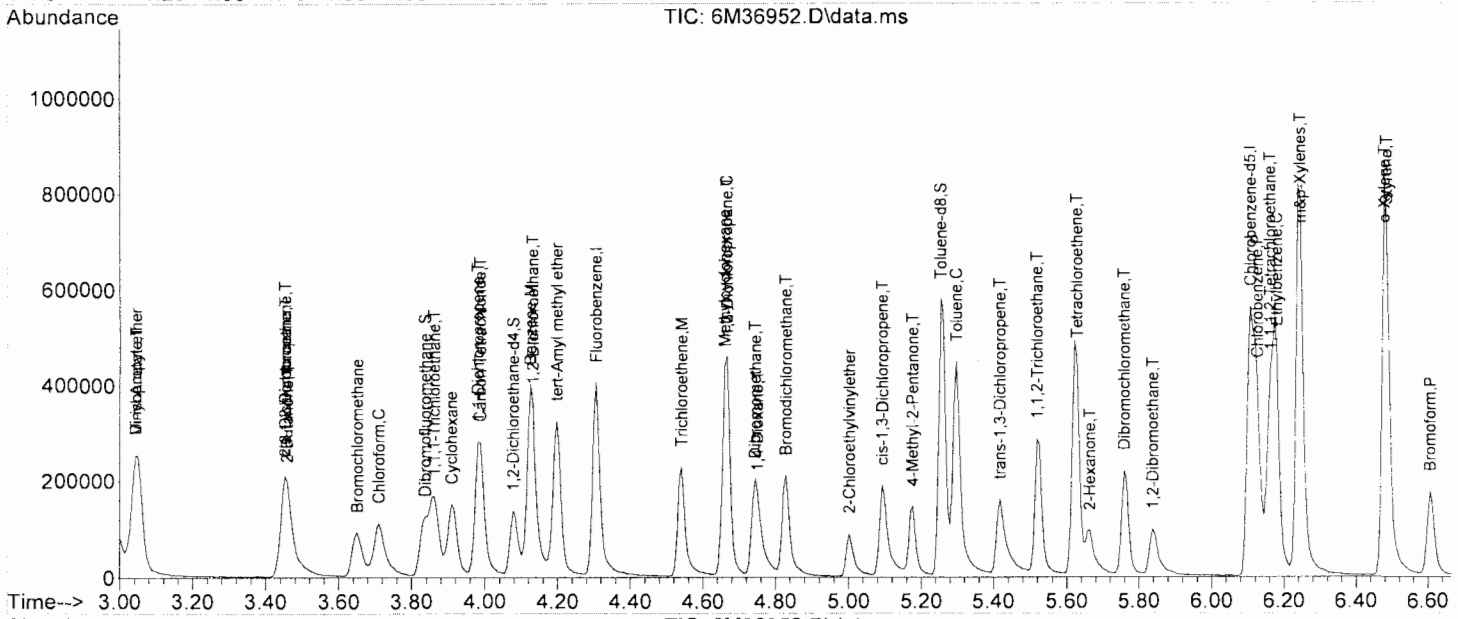
SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M36952.D Sam Mult : 1 Vial# : 13 Qt On : 01/14/09 12:34
Acq On : 01/14/09 11:44 Misc : A,5ML Qt Upd On: 01/14/09 12:03

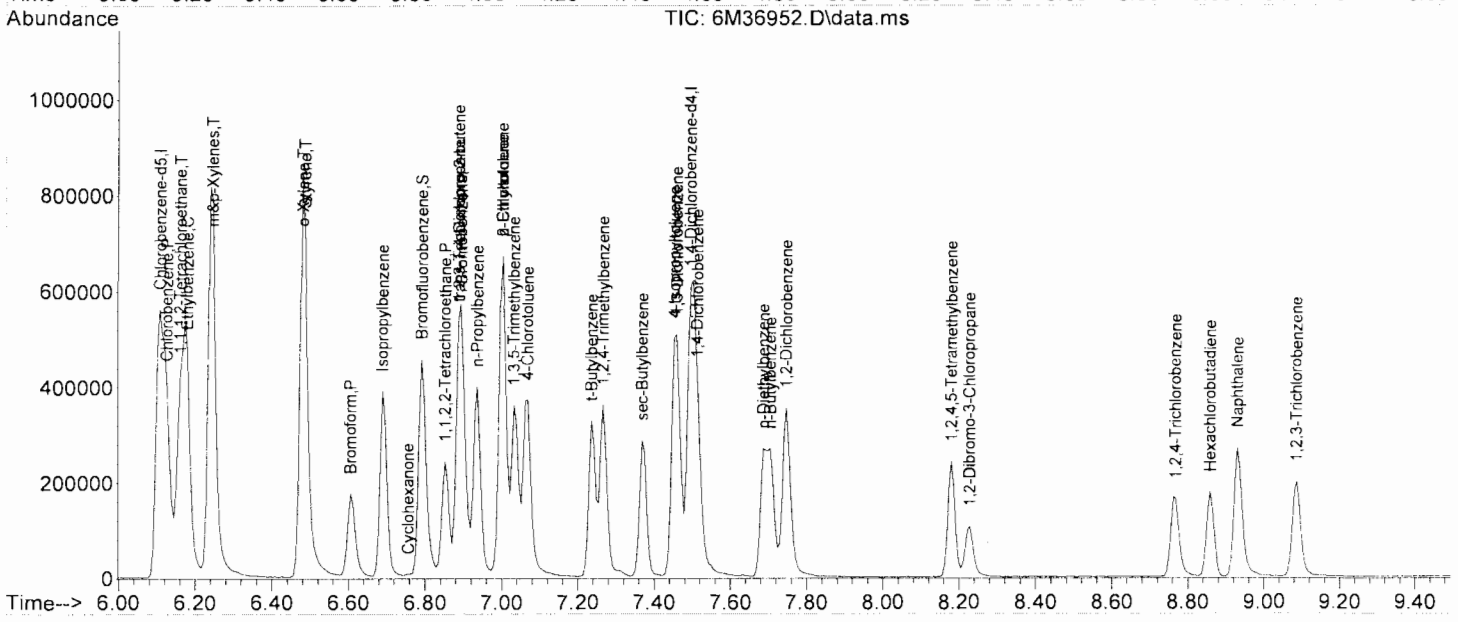
Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.480	106	86797	24.28 ug/l	83
68) trans-1,4-Dichloro-2-b...	6.889	53	25758	22.12 ug/l	52
69) 1,3-Dichlorobenzene	7.459	146	111358	21.82 ug/l	91
70) 1,4-Dichlorobenzene	7.513	146	122264	20.86 ug/l	92
71) 1,2-Dichlorobenzene	7.748	146	125662	22.86 ug/l	91
72) Isopropylbenzene	6.690	105	175616	23.36 ug/l	95
73) Cyclohexanone	6.756	55	2588	9.42 ug/l	78
74) 1,2,3-Trichloropropane	6.889	75	113379	22.04 ug/l	87
75) 2-Chlorotoluene	7.003	91	142017	24.69 ug/l	95
76) p-Ethyltoluene	7.003	105	149844	24.85 ug/l	80
77) 4-Chlorotoluene	7.069	91	127185	22.62 ug/l	90
78) n-Propylbenzene	6.937	91	212631	22.85 ug/l	96
79) Bromobenzene	6.895	77	164985	22.51 ug/l	91
80) 1,3,5-Trimethylbenzene	7.033	105	144594	20.93 ug/l	82
81) t-Butylbenzene	7.237	119	124897	23.05 ug/l	88
82) 1,2,4-Trimethylbenzene	7.267	105	157549	23.57 ug/l	90
83) sec-Butylbenzene	7.369	105	141868	22.04 ug/l	98
84) 4-Isopropyltoluene	7.453	119	115434	22.99 ug/l	92
85) n-Butylbenzene	7.706	91	136564	21.37 ug/l	80
86) p-Diethylbenzene	7.688	119	61541	20.83 ug/l	88
87) 1,2,4,5-Tetramethylben...	8.180	119	103056	19.67 ug/l	90
88) 1,2-Dibromo-3-Chloropr...	8.228	157	26438	25.05 ug/l	77
89) Hexachlorobutadiene	8.859	225	30776	16.07 ug/l	96
90) 1,2,4-Trichlorobenzene	8.769	180	51684	19.94 ug/l	96
91) 1,2,3-Trichlorobenzene	9.088	180	60551	21.21 ug/l	98
92) Naphthalene	8.931	128	193540	25.12 ug/l	100

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


Abundance
TIC: 6M36952.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M36952.D
Acq On : 01/14/09 11:44
Operator : WP
Sam Mult : 1 Vial# : 13
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:34
Qt Upd On: 01/14/09 12:03
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M36952.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Time-->


Abundance
TIC: 6M36952.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,T
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB
Data File: 6M36946.D
Acq On : 01/14/09 10:07

Operator : WP
Sam Mult : 1 Vial# : 7
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:10
Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.305	96	204699	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.108	117	166250	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.495	152	97425	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.831	111	71748	33.22	ug/l	0.00
Spiked Amount 30.000			Recovery = 110.73%			
32) 1,2-Dichloroethane-d4	4.077	67	45688	32.25	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.50%			
56) Toluene-d8	5.254	98	227287	29.11	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.03%			
64) Bromofluorobenzene	6.792	174	88867	28.80	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.00%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.194	51	17893	6.05	ug/l	62
3) Dichlorodifluoromethane	1.177	85	9625	3.48	ug/l	86
4) Chloromethane	1.309	50	8838	3.97	ug/l	97
5) Bromomethane	1.574	94	6135	3.89	ug/l	80
6) Vinyl Chloride	1.361	62	7236	3.28	ug/l	91
7) Chloroethane	1.632	64	4423	4.13	ug/l	86
8) Trichlorofluoromethane	1.805	101	12384	4.66	ug/l	90
9) 1,1,2-Trichloro-1,2,2-...	2.148	101	4854	3.73	ug/l	98
10) Methylene Chloride	2.479	84	9388	5.60	ug/l	89
11) Acrolein	2.076	56	5811	42.56	ug/l	94
12) Acrylonitrile	2.653	53	3229	5.40	ug/l	99
13) Iodomethane	2.257	142	16108	5.81	ug/l	95
14) Acetone	2.172	43	20206	27.65	ug/l	99
15) Carbon Disulfide	2.311	76	22922	5.79	ug/l	100
16) t-Butyl Alcohol	2.539	59	5270	27.10	ug/l	90
17) n-Hexane	2.899	57	1952	2.39	ug/l	81
18) Di-isopropyl-ether	3.050	45	33346	4.77	ug/l	99
19) 1,1-Dichloroethene	2.148	61	13177	4.29	ug/l	98
20) Methyl Acetate	2.407	43	9571	4.90	ug/l	100
21) Methyl-t-butyl ether	2.677	73	25880	5.30	ug/l	96
22) 1,1-Dichloroethane	2.989	63	19701	5.29	ug/l	96
23) trans-1,2-Dichloroethene	2.689	96	7083	4.98	ug/l	96
24) cis-1,2-Dichloroethene	3.452	61	16727	4.85	ug/l	94
25) Bromochloromethane	3.644	49	9154	5.33	ug/l	75
26) 2,2-Dichloropropane	3.452	77	11208	4.15	ug/l	93
27) 1,4-Dioxane	4.750	88	6679	251.43	ug/l	86
28) 1,1-Dichloropropene	3.981	75	11392	4.99	ug/l	93
29) Chloroform	3.710	83	19878	5.52	ug/l	86
31) Cyclohexane	3.909	56	6914	3.36	ug/l	85
33) 1,2-Dichloroethane	4.131	62	20012	5.46	ug/l	98
34) 2-Butanone	3.476	43	5141	5.03	ug/l	91
35) 1,1,1-Trichloroethane	3.861	97	14520	5.12	ug/l	94
36) Carbon Tetrachloride	3.987	117	11467	4.80	ug/l	90
37) Vinyl Acetate	3.038	43	34390	4.98	ug/l	100
38) Bromodichloromethane	4.828	83	21819	5.85	ug/l	92
39) Methylcyclohexane	4.654	83	5287	3.50	ug/l	90
40) Dibromomethane	4.744	174	12314	6.08	ug/l	88
41) 1,2-Dichloropropane	4.666	63	13406	5.44	ug/l	93
42) Trichloroethene	4.539	130	10957	5.41	ug/l	96
43) Benzene	4.125	78	36681	5.04	ug/l	100
44) tert-Amyl methyl ether	4.197	73	27350	5.38	ug/l	94
46) Dibromochloromethane	5.765	129	18398	5.91	ug/l	97
47) 2-Chloroethylvinylether	5.008	63	3716	3.62	ug/l	72
48) cis-1,3-Dichloropropene	5.098	75	15098	4.38	ug/l	92
49) trans-1,3-Dichloropropene	5.423	75	15344	4.55	ug/l	89
50) 1,1,2-Trichloroethane	5.525	97	12068	5.46	ug/l	92
51) 1,2-Dibromoethane	5.843	107	13094	5.37	ug/l	90
52) 1,3-Dichloropropane	4.666	76	7035	6.24	ug/l	95
53) 4-Methyl-2-Pentanone	5.176	43	11124	4.35	ug/l	89
54) 2-Hexanone	5.669	43	6964	3.75	ug/l	92
55) Tetrachloroethene	5.627	164	8724	4.66	ug/l	100
57) Toluene	5.296	92	24097	4.75	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.162	133	13849	5.88	ug/l	65
59) Chlorobenzene	6.120	112	30358	5.53	ug/l	94
61) Bromoform	6.606	173	15158	5.59	ug/l	97
62) Ethylbenzene	6.180	106	7052	3.82	ug/l	83
63) 1,1,2,2-Tetrachloroethane	6.853	83	18932	5.24	ug/l	91
65) Styrene	6.492	104	24191	4.58	ug/l	93
66) m&p-Xylenes	6.246	106	26828	9.26	ug/l	92

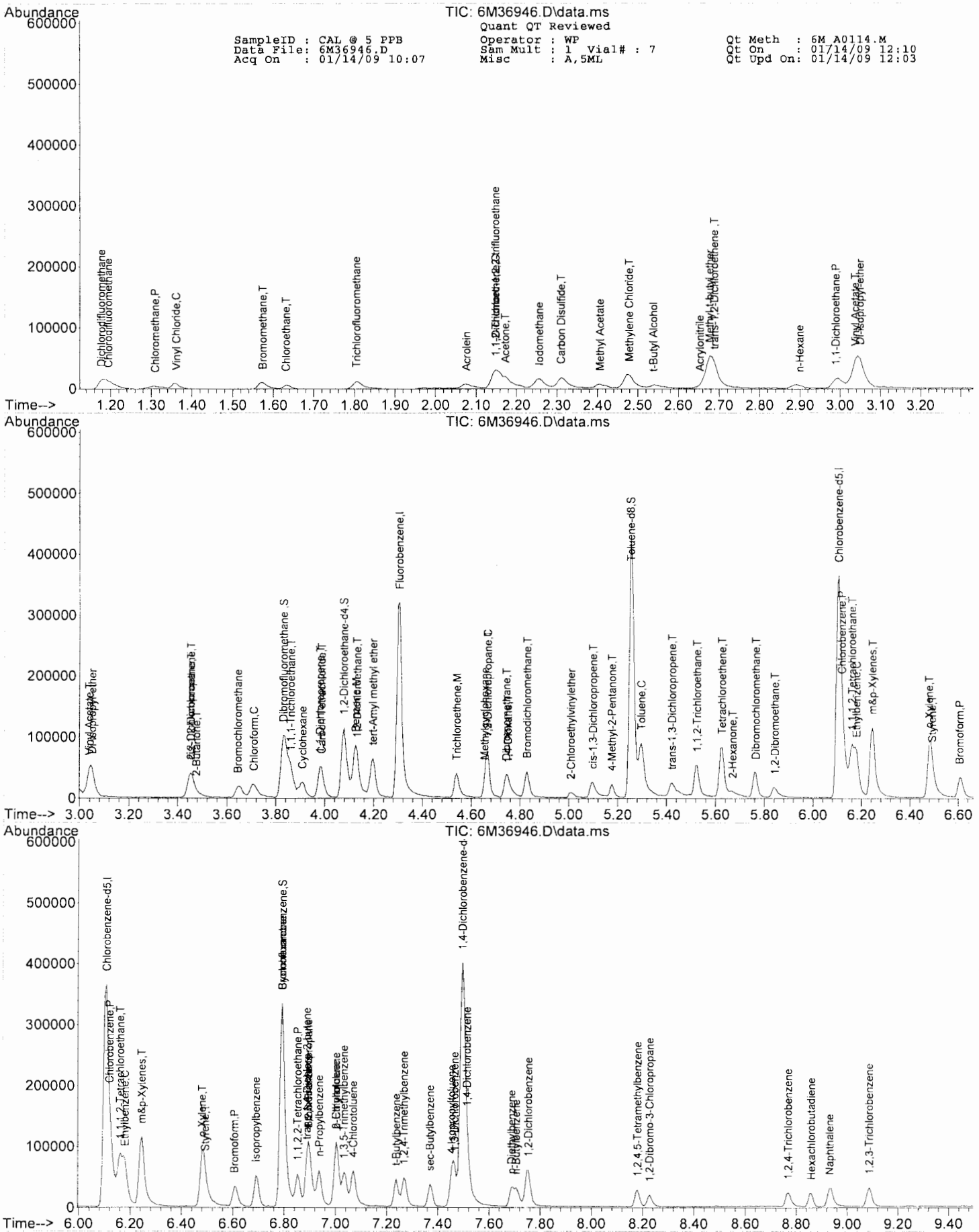
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M36946.D Sam Mult : 1 Vial# : 7 Qt On : 01/14/09 12:10
Acq On : 01/14/09 10:07 Misc : A,5ML Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.480	106	12937	4.46 ug/l	79
68) trans-1,4-Dichloro-2-b...	6.889	53	4733	5.02 ug/l	72
69) 1,3-Dichlorobenzene	7.465	146	20814	5.03 ug/l	87
70) 1,4-Dichlorobenzene	7.513	146	24913	5.25 ug/l	91
71) 1,2-Dichlorobenzene	7.754	146	23556	5.29 ug/l	90
72) Isopropylbenzene	6.690	105	22992	3.77 ug/l	93
73) Cyclohexanone	6.792	55	139m	0.62 ug/l	
74) 1,2,3-Trichloropropane	6.895	75	24087	5.78 ug/l	86
75) 2-Chlorotoluene	7.003	91	22126	4.75 ug/l	96
76) p-Ethyltoluene	7.003	105	21170	4.33 ug/l	89
77) 4-Chlorotoluene	7.069	91	19536	4.29 ug/l	92
78) n-Propylbenzene	6.937	91	30256	4.01 ug/l	94
79) Bromobenzene	6.895	77	31248	5.26 ug/l	91
80) 1,3,5-Trimethylbenzene	7.033	105	25247	4.51 ug/l	95
81) t-Butylbenzene	7.237	119	14111	3.21 ug/l	93
82) 1,2,4-Trimethylbenzene	7.267	105	22768	4.20 ug/l	93
83) sec-Butylbenzene	7.369	105	18161	3.48 ug/l	99
84) 4-Isopropyltoluene	7.453	119	14918	3.66 ug/l	97
85) n-Butylbenzene	7.706	91	16847	3.25 ug/l	77
86) p-Diethylbenzene	7.688	119	7417	3.10 ug/l	83
87) 1,2,4,5-Tetramethylben...	8.180	119	13090	3.08 ug/l	95
88) 1,2-Dibromo-3-Chloropr...	8.228	157	4691	5.48 ug/l	76
89) Hexachlorobutadiene	8.859	225	4451	2.87 ug/l	97
90) 1,2,4-Trichlorobenzene	8.769	180	8105	3.86 ug/l	92
91) 1,2,3-Trichlorobenzene	9.087	180	10014	4.33 ug/l	97
92) Naphthalene	8.931	128	26130	4.18 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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SampleID : CAL @ 5 PPB
Data File: 6M36946.D
Acq On : 01/14/09 10:07
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:10
Qt Upd On: 01/14/09 12:03
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB
Data File: 6M36951.D
Acq On : 01/14/09 11:28

Operator : WP
Sam Mult : 1 Vial# : 12
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:31
Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.305	96	250324	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.107	117	213116	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.495	152	119275	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.836	111	80577	30.51	ug/l	0.00
Spiked Amount 30.000			Recovery =	101.70%		
32) 1,2-Dichloroethane-d4	4.082	67	50094	28.91	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.37%		
56) Toluene-d8	5.260	98	291180	29.09	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.97%		
64) Bromofluorobenzene	6.792	174	109173	28.90	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.33%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.189	51	44806	12.38	ug/l	72
3) Dichlorodifluoromethane	1.178	85	28544	8.45	ug/l	89
4) Chloromethane	1.305	50	23711	8.71	ug/l	94
5) Bromomethane	1.575	94	15281	7.92	ug/l	93
6) Vinyl Chloride	1.362	62	23582	8.73	ug/l	95
7) Chloroethane	1.633	64	13927	10.64	ug/l	92
8) Trichlorofluoromethane	1.805	101	35407	10.89	ug/l	88
9) 1,1,2-Trichloro-1,2,2-...	2.148	101	17907	11.25	ug/l	97
10) Methylene Chloride	2.478	84	22447	10.94	ug/l	91
11) Acrolein	2.076	56	16554	99.15	ug/l	86
12) Acrylonitrile	2.659	53	8937	12.22	ug/l	92
13) Iodomethane	2.256	142	42712	12.61	ug/l	91
14) Acetone	2.172	43	50162	56.13	ug/l	98
15) Carbon Disulfide	2.316	76	66233	13.67	ug/l	100
16) t-Butyl Alcohol	2.544	59	13854	58.25	ug/l	100
17) n-Hexane	2.893	57	8941	8.97	ug/l	92
18) Di-isopropyl-ether	3.049	45	93337	10.92	ug/l	98
19) 1,1-Dichloroethene	2.154	61	41669	11.10	ug/l	93
20) Methyl Acetate	2.406	43	24993	10.46	ug/l	100
21) Methyl-t-butyl ether	2.677	73	68122	11.41	ug/l	97
22) 1,1-Dichloroethane	2.995	63	48741	10.70	ug/l	99
23) trans-1,2-Dichloroethene	2.689	96	20786	11.95	ug/l	92
24) cis-1,2-Dichloroethene	3.458	61	43934	10.42	ug/l	93
25) Bromochloromethane	3.650	49	22495	10.71	ug/l	77
26) 2,2-Dichloropropane	3.452	77	28283	8.57	ug/l	91
27) 1,4-Dioxane	4.755	88	21292	655.45	ug/l	76
28) 1,1-Dichloropropene	3.986	75	34718	12.43	ug/l	90
29) Chloroform	3.710	83	48021	10.91	ug/l	88
31) Cyclohexane	3.914	56	26940	10.72	ug/l	85
33) 1,2-Dichloroethane	4.130	62	47872	10.67	ug/l	97
34) 2-Butanone	3.470	43	15953	12.76	ug/l	95
35) 1,1,1-Trichloroethane	3.860	97	37807	10.90	ug/l	99
36) Carbon Tetrachloride	3.986	117	31908	10.93	ug/l	91
37) Vinyl Acetate	3.043	43	87859	10.41	ug/l	100
38) Bromodichloromethane	4.827	83	54122	11.87	ug/l	96
39) Methylcyclohexane	4.659	83	22964	12.45	ug/l	90
40) Dibromomethane	4.743	174	29749	12.01	ug/l	94
41) 1,2-Dichloropropane	4.665	63	35752	11.87	ug/l	86
42) Trichloroethene	4.539	130	29797	12.03	ug/l	89
43) Benzene	4.124	78	96578	10.86	ug/l	100
44) tert-Amyl methyl ether	4.197	73	73550	11.82	ug/l	97
46) Dibromochloromethane	5.765	129	44323	11.11	ug/l	95
47) 2-Chloroethylvinylether	5.002	63	14523	11.03	ug/l	78
48) cis-1,3-Dichloropropene	5.098	75	44594	10.10	ug/l	95
49) trans-1,3-Dichloropropene	5.416	75	42341	9.79	ug/l	95
50) 1,1,2-Trichloroethane	5.524	97	31721	11.19	ug/l	88
51) 1,2-Dibromoethane	5.837	107	34173	10.92	ug/l	92
52) 1,3-Dichloropropane	4.665	76	16445	11.37	ug/l	99
53) 4-Methyl-2-Pentanone	5.176	43	36215	11.04	ug/l	99
54) 2-Hexanone	5.662	43	25153	10.57	ug/l	96
55) Tetrachloroethene	5.626	164	26792	11.16	ug/l	99
57) Toluene	5.296	92	68792	10.58	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.161	133	33312	11.02	ug/l	69
59) Chlorobenzene	6.125	112	79002	11.22	ug/l	97
61) Bromoform	6.606	173	35867	10.81	ug/l	93
62) Ethylbenzene	6.179	106	25880	11.44	ug/l	82
63) 1,1,2,2-Tetrachloroethane	6.852	83	48517	10.98	ug/l	95
65) Styrene	6.486	104	77520	11.99	ug/l	97
66) m&p-Xylenes	6.245	106	83707	23.61	ug/l	94

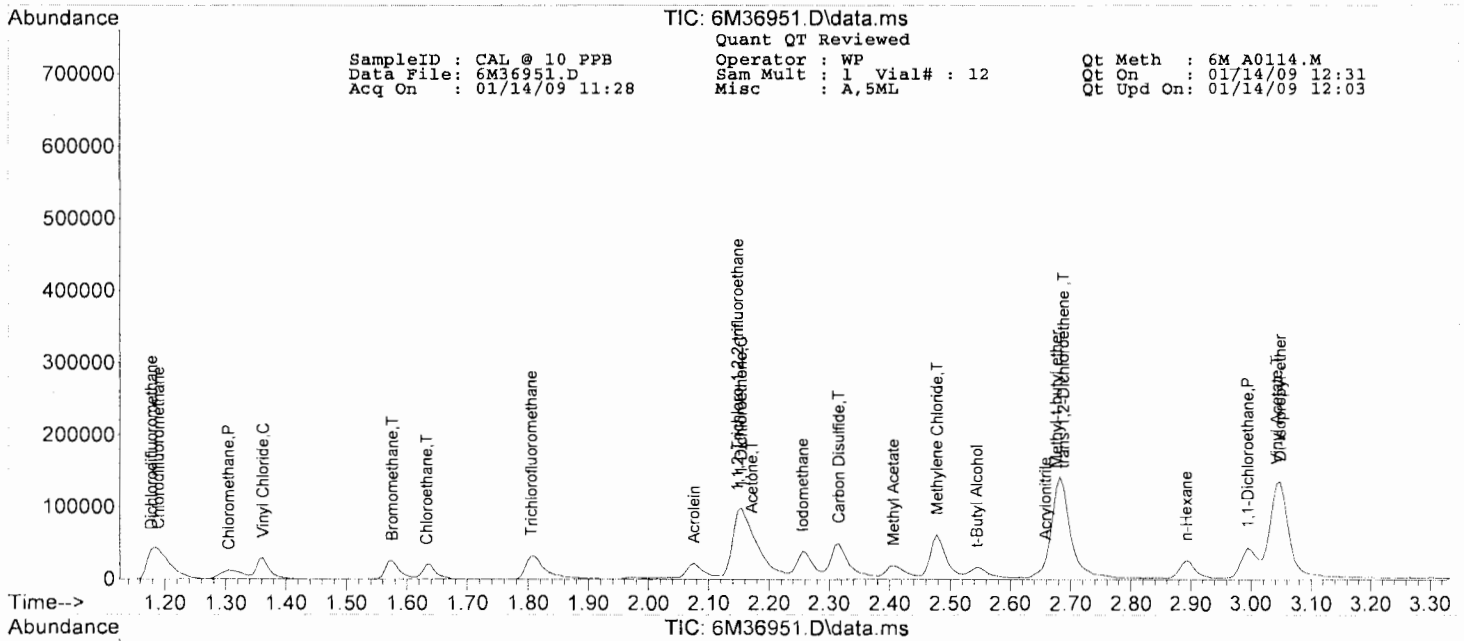
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M36951.D Sam Mult : 1 Vial# : 12 Qt On : 01/14/09 12:31
Acq On : 01/14/09 11:28 Misc : A,5ML Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.480	106	41841	11.79	ug/l	83
68) trans-1,4-Dichloro-2-b...	6.888	53	13411	11.61	ug/l	51
69) 1,3-Dichlorobenzene	7.465	146	58020	11.45	ug/l	90
70) 1,4-Dichlorobenzene	7.513	146	65472	11.26	ug/l	92
71) 1,2-Dichlorobenzene	7.747	146	66533	12.20	ug/l	90
72) Isopropylbenzene	6.690	105	84330	11.30	ug/l	91
73) Cyclohexanone	6.762	55	1344m	4.93	ug/l	
74) 1,2,3-Trichloropropane	6.894	75	58454	11.45	ug/l	86
75) 2-Chlorotoluene	7.002	91	68856	12.06	ug/l	97
76) p-Ethyltoluene	7.002	105	73828	12.34	ug/l	87
77) 4-Chlorotoluene	7.068	91	61128	10.95	ug/l	91
78) n-Propylbenzene	6.936	91	101200	10.96	ug/l	93
79) Bromobenzene	6.894	77	82466	11.34	ug/l	92
80) 1,3,5-Trimethylbenzene	7.032	105	77578	11.31	ug/l	93
81) t-Butylbenzene	7.237	119	61502	11.44	ug/l	87
82) 1,2,4-Trimethylbenzene	7.267	105	78784	11.88	ug/l	91
83) sec-Butylbenzene	7.375	105	69671	10.91	ug/l	95
84) 4-Isopropyltoluene	7.453	119	59762	11.99	ug/l	91
85) n-Butylbenzene	7.705	91	76396	12.05	ug/l	81
86) p-Diethylbenzene	7.687	119	33285	11.35	ug/l	87
87) 1,2,4,5-Tetramethylben...	8.180	119	53477	10.29	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	8.228	157	13071	12.48	ug/l	85
89) Hexachlorobutadiene	8.859	225	26345	13.86	ug/l	97
90) 1,2,4-Trichlorobenzene	8.769	180	29933	11.64	ug/l	95
91) 1,2,3-Trichlorobenzene	9.087	180	35386	12.49	ug/l	97
92) Naphthalene	8.931	128	101367	13.26	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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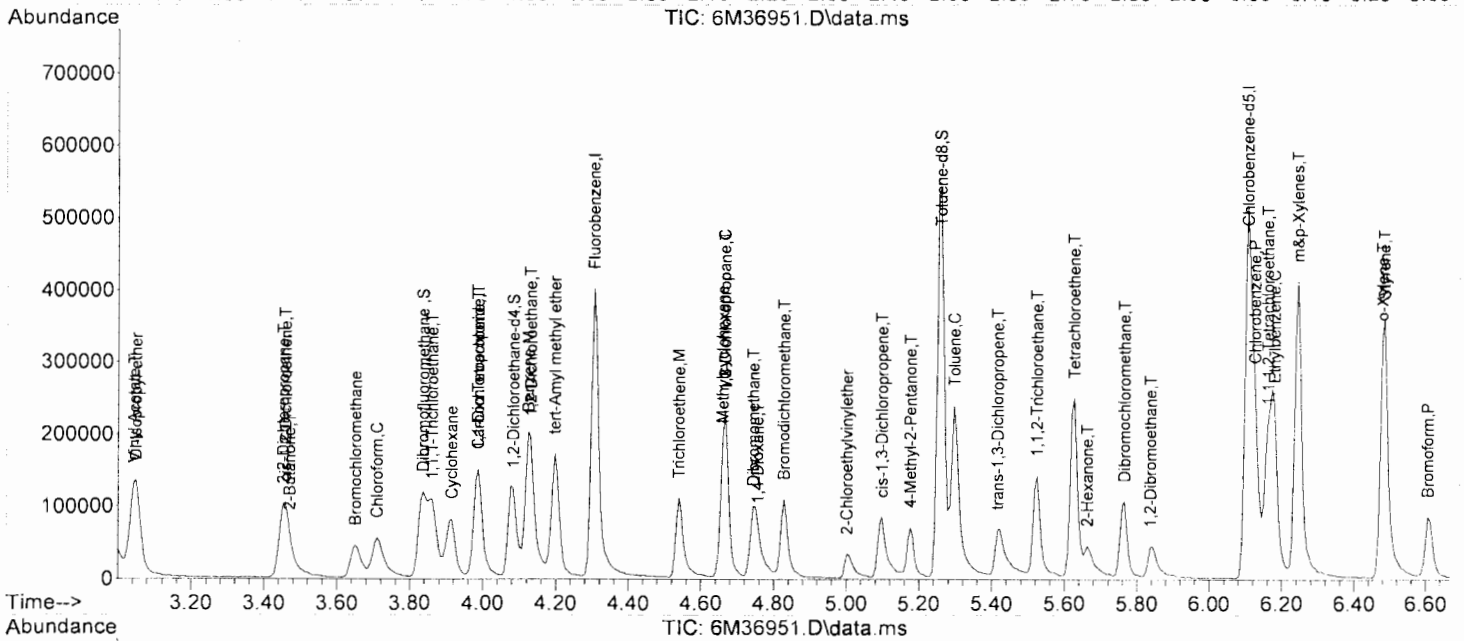
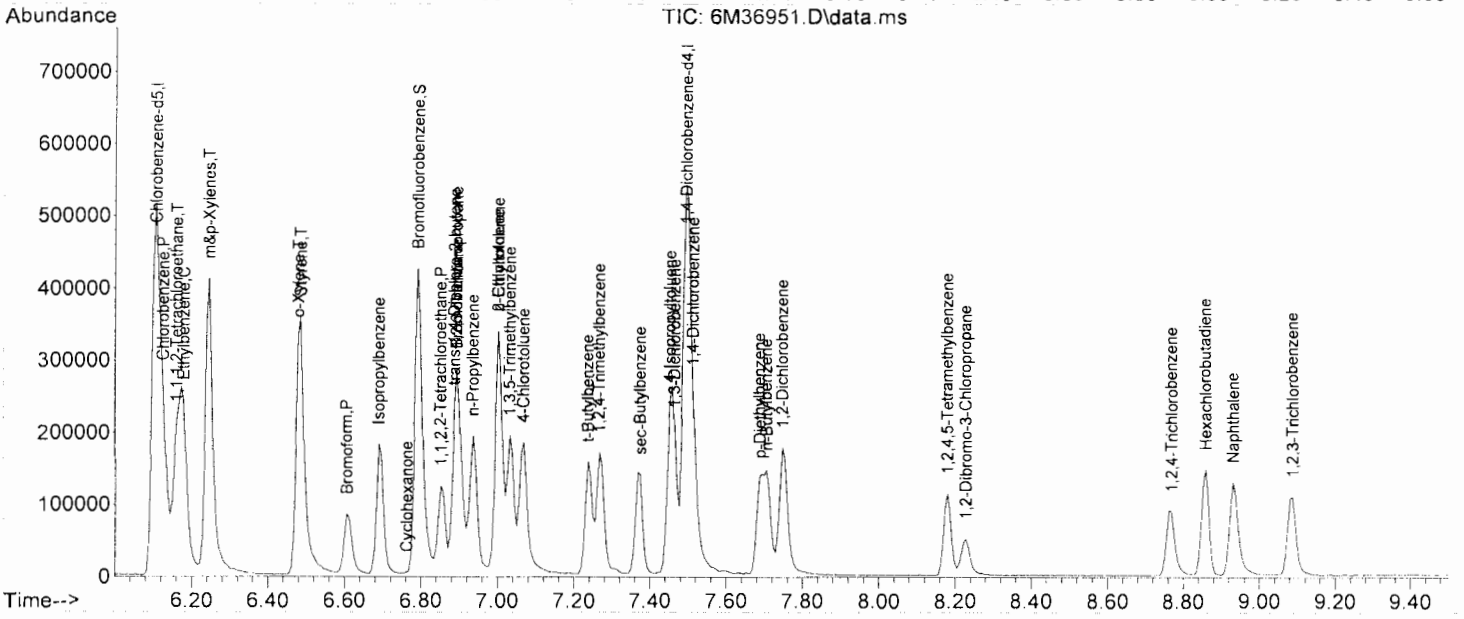
TIC: 6M36951.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 6M36951.D
Acq On : 01/14/09 11:28
Operator : WP
Sam Mult : 1 Vial# : 12
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:31
Qt Upd On: 01/14/09 12:03
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M36951.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene,C
Toluene-d8,S
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 6M36951.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 6M36950.D
Acq On : 01/14/09 11:12

Operator : WP
Sam Mult : 1 Vial# : 11
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:26
Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.304	96	257112	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.107	117	218031	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.494	152	122319	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.836	111	79535	29.32	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.73%			
32) 1,2-Dichloroethane-d4	4.076	67	51217	28.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.93%			
56) Toluene-d8	5.259	98	307387	30.02	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.07%			
64) Bromofluorobenzene	6.791	174	116646	30.11	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.37%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.189	51	225034	60.55	ug/l	65
3) Dichlorodifluoromethane	1.177	85	127545	36.75	ug/l	92
4) Chloromethane	1.304	50	109772	39.24	ug/l	93
5) Bromomethane	1.575	94	65100	32.85	ug/l	87
6) Vinyl Chloride	1.356	62	107033	38.57	ug/l	97
7) Chloroethane	1.632	64	61011	45.36	ug/l	96
8) Trichlorofluoromethane	1.805	101	168365	50.39	ug/l	87
9) 1,1,2-Trichloro-1,2,2-...	2.147	101	81648	49.93	ug/l	96
10) Methylene Chloride	2.478	84	103035	48.90	ug/l	90
11) Acrolein	2.069	56	80755	470.92	ug/l	98
12) Acrylonitrile	2.646	53	40800	54.31	ug/l	95
13) Iodomethane	2.255	142	197099	56.64	ug/l	92
14) Acetone	2.171	43	217846	237.31	ug/l	97
15) Carbon Disulfide	2.310	76	295256	59.33	ug/l	100
16) t-Butyl Alcohol	2.544	59	64186	262.77	ug/l	83
17) n-Hexane	2.892	57	46087	45.00	ug/l	91
18) Di-isopropyl-ether	3.049	45	432629	49.26	ug/l	99
19) 1,1-Dichloroethene	2.147	61	181930	47.20	ug/l	99
20) Methyl Acetate	2.406	43	105773	43.12	ug/l	100
21) Methyl-t-butyl ether	2.682	73	303898	49.58	ug/l	97
22) 1,1-Dichloroethane	2.994	63	221765	47.41	ug/l	94
23) trans-1,2-Dichloroethene	2.682	96	89078	49.84	ug/l	89
24) cis-1,2-Dichloroethene	3.451	61	203708	47.03	ug/l	94
25) Bromochloromethane	3.649	49	102236	47.39	ug/l	78
26) 2,2-Dichloropropane	3.451	77	130419	38.47	ug/l	95
27) 1,4-Dioxane	4.749	88	107214	3213.32	ug/l	77
28) 1,1-Dichloropropene	3.980	75	162937	56.79	ug/l	98
29) Chloroform	3.709	83	215782	47.73	ug/l	89
31) Cyclohexane	3.914	56	128042	49.60	ug/l	85
33) 1,2-Dichloroethane	4.130	62	211182	45.84	ug/l	99
34) 2-Butanone	3.457	43	64310	50.10	ug/l	100
35) 1,1,1-Trichloroethane	3.860	97	171585	48.14	ug/l	99
36) Carbon Tetrachloride	3.986	117	142851	47.65	ug/l	93
37) Vinyl Acetate	3.043	43	400673	46.22	ug/l	100
38) Bromodichloromethane	4.827	83	245279	52.36	ug/l	96
39) Methylcyclohexane	4.659	83	109675	57.88	ug/l	90
40) Dibromomethane	4.743	174	139380	54.79	ug/l	93
41) 1,2-Dichloropropane	4.665	63	168644	54.51	ug/l	91
42) Trichloroethene	4.538	130	140918	55.41	ug/l	91
43) Benzene	4.124	78	437970	47.94	ug/l	100
44) tert-Amyl methyl ether	4.196	73	340462	53.27	ug/l	99
46) Dibromochloromethane	5.758	129	216212	52.97	ug/l	97
47) 2-Chloroethylvinylether	5.001	63	83323	61.88	ug/l	82
48) cis-1,3-Dichloropropene	5.091	75	232680	51.53	ug/l	92
49) trans-1,3-Dichloropropene	5.416	75	223633	50.52	ug/l	97
50) 1,1,2-Trichloroethane	5.518	97	148871	51.33	ug/l	89
51) 1,2-Dibromoethane	5.836	107	171191	53.49	ug/l	91
52) 1,3-Dichloropropane	4.665	76	77687	52.52	ug/l	96
53) 4-Methyl-2-Pentanone	5.175	43	179094	53.34	ug/l	93
54) 2-Hexanone	5.656	43	130796	53.72	ug/l	93
55) Tetrachloroethene	5.626	164	123297	50.20	ug/l	96
57) Toluene	5.295	92	316404	47.59	ug/l	89
58) 1,1,1,2-Tetrachloroethane	6.161	133	155320	50.25	ug/l	73
59) Chlorobenzene	6.125	112	368836	51.19	ug/l	97
61) Bromoform	6.605	173	175251	51.50	ug/l	95
62) Ethylbenzene	6.173	106	126680	54.60	ug/l	81
63) 1,1,2,2-Tetrachloroethane	6.852	83	224744	49.59	ug/l	93
65) Styrene	6.485	104	374834	56.55	ug/l	99
66) m&p-Xylenes	6.245	106	406241	111.71	ug/l	95

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 6M36950.D
Acq On : 01/14/09 11:12

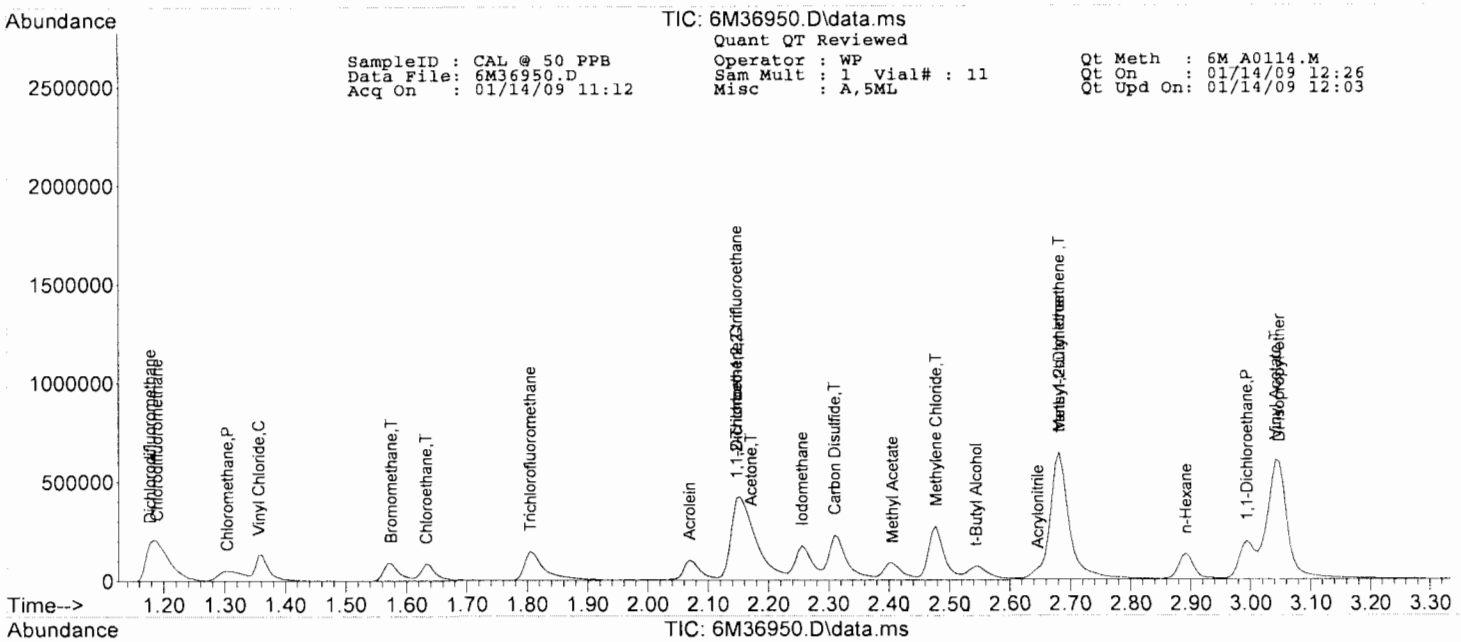
Operator : WP
Sam Mult : 1 Vial# : 11
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:26
Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.479	106	213027	58.55 ug/l	80
68) trans-1,4-Dichloro-2-b...	6.888	53	62043	52.36 ug/l	48
69) 1,3-Dichlorobenzene	7.458	146	268295	51.65 ug/l	89
70) 1,4-Dichlorobenzene	7.512	146	287443	48.20 ug/l	88
71) 1,2-Dichlorobenzene	7.747	146	294084	52.58 ug/l	92
72) Isopropylbenzene	6.689	105	440658	57.60 ug/l	94
73) Cyclohexanone	6.755	55	6489	23.20 ug/l	63
74) 1,2,3-Trichloropropane	6.888	75	266877	50.98 ug/l	87
75) 2-Chlorotoluene	7.002	91	335955	57.39 ug/l	96
76) p-Ethyltoluene	7.002	105	339209	55.28 ug/l	84
77) 4-Chlorotoluene	7.062	91	315149	55.07 ug/l	91
78) n-Propylbenzene	6.936	91	514889	54.36 ug/l	95
79) Bromobenzene	6.894	77	378470	50.74 ug/l	92
80) 1,3,5-Trimethylbenzene	7.032	105	377307	53.66 ug/l	91
81) t-Butylbenzene	7.236	119	316520	57.41 ug/l	88
82) 1,2,4-Trimethylbenzene	7.266	105	385006	56.59 ug/l	90
83) sec-Butylbenzene	7.368	105	363679	55.52 ug/l	98
84) 4-Isopropyltoluene	7.452	119	294852	57.69 ug/l	92
85) n-Butylbenzene	7.705	91	352440	54.20 ug/l	80
86) p-Diethylbenzene	7.687	119	166734	55.45 ug/l	89
87) 1,2,4,5-Tetramethylben...	8.179	119	301383	56.54 ug/l	92
88) 1,2-Dibromo-3-Chloropr...	8.227	157	65656	61.13 ug/l	79
89) Hexachlorobutadiene	8.858	225	86315	44.28 ug/l	96
90) 1,2,4-Trichlorobenzene	8.762	180	141479	53.62 ug/l	96
91) 1,2,3-Trichlorobenzene	9.080	180	155529	53.53 ug/l	96
92) Naphthalene	8.930	128	517682	66.01 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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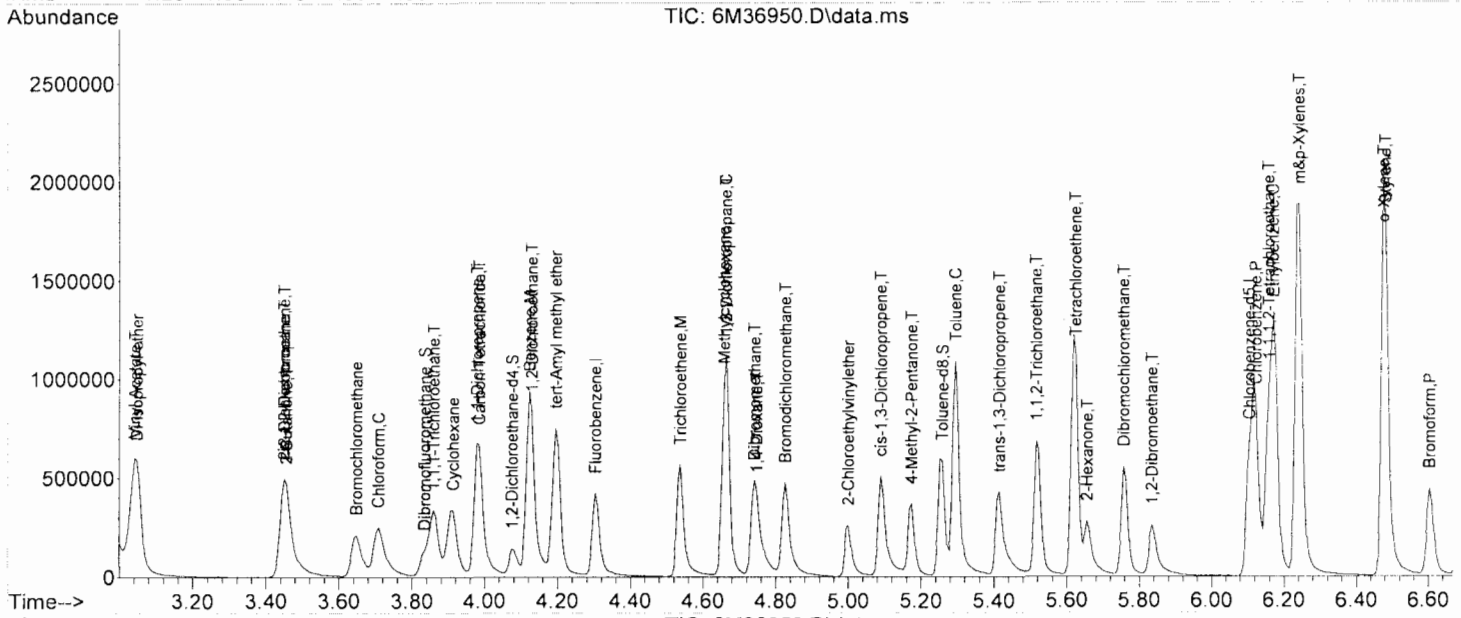
SampleID : CAL @ 50 PPB
Data File: 6M36950.D
Acq On : 01/14/09 11:12
Operator : WP
Sam Mult : 1 Vial# : 11
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:26
Qt Upd On: 01/14/09 12:03
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->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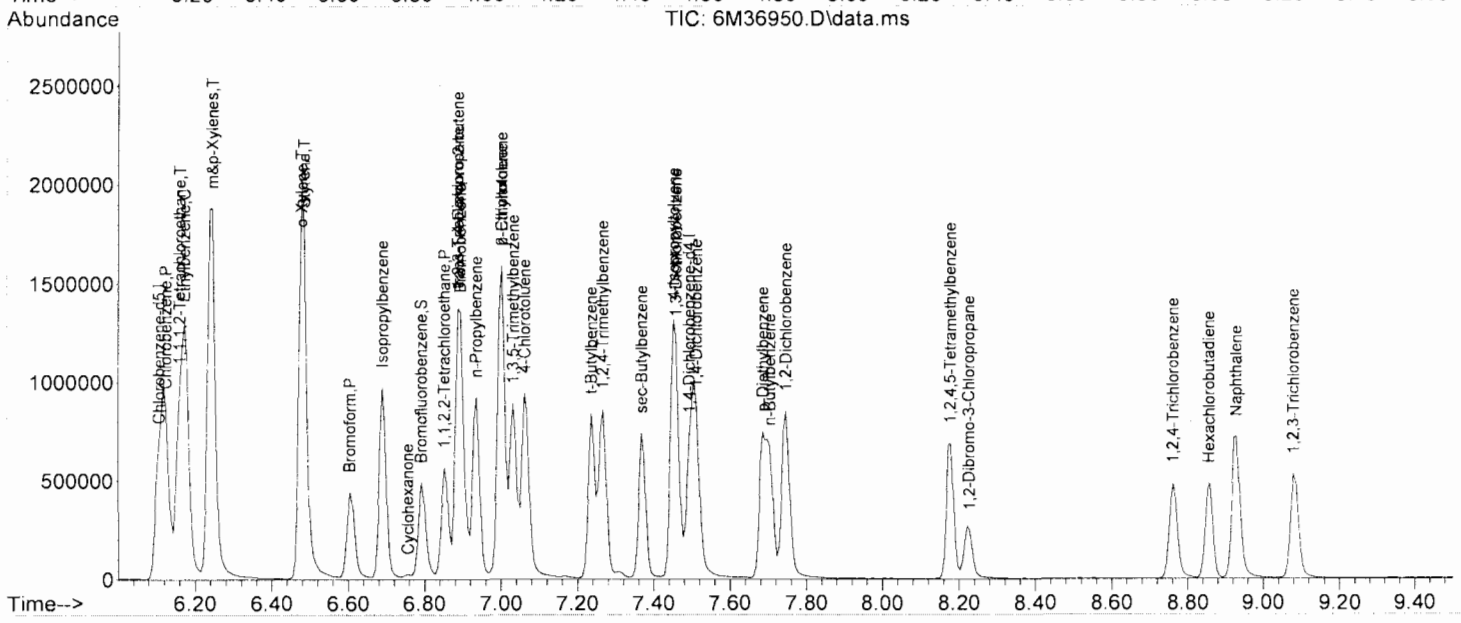
TIC: 6M36950.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 6M36950.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
2-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M36949.D Sam Mult : 1 Vial# : 10 Qt On : 01/14/09 12:23
Acq On : 01/14/09 10:56 Misc : A,5ML Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.304	96	259246	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.106	117	227705	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.494	152	123844	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.835	111	79256	28.97	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.57%			
32) 1,2-Dichloroethane-d4	4.075	67	53215	29.66	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.87%			
56) Toluene-d8	5.259	98	316091	29.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.53%			
64) Bromofluorobenzene	6.791	174	119024	30.34	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.13%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.189	51	450958	120.33	ug/l	64
3) Dichlorodifluoromethane	1.177	85	251486	71.87	ug/l	89
4) Chloromethane	1.309	50	222281	78.81	ug/l	93
5) Bromomethane	1.568	94	113103	56.61	ug/l	84
6) Vinyl Chloride	1.361	62	222442	79.51	ug/l	95
7) Chloroethane	1.632	64	119424	88.06	ug/l	93
8) Trichlorofluoromethane	1.805	101	324935	96.46	ug/l	89
9) 1,1,2-Trichloro-1,2,2-...	2.147	101	151324	91.78	ug/l	93
10) Methylene Chloride	2.477	84	208097	97.96	ug/l	91
11) Acrolein	2.069	56	173311	1002.35	ug/l	97
12) Acrylonitrile	2.645	53	85295	112.60	ug/l	95
13) Iodomethane	2.255	142	388759	110.80	ug/l	92
14) Acetone	2.171	43	463415	500.67	ug/l	96
15) Carbon Disulfide	2.309	76	598447	119.27	ug/l	100
16) t-Butyl Alcohol	2.549	59	143633	583.17	ug/l	85
17) n-Hexane	2.892	57	91159	88.29	ug/l	87
18) Di-isopropyl-ether	3.048	45	879839	99.36	ug/l	99
19) 1,1-Dichloroethene	2.147	61	370974	95.45	ug/l	96
20) Methyl Acetate	2.399	43	229332	92.72	ug/l	100
21) Methyl-t-butyl ether	2.681	73	619257	100.19	ug/l	96
22) 1,1-Dichloroethane	2.994	63	454766	96.42	ug/l	97
23) trans-1,2-Dichloroethene	2.681	96	175958	97.65	ug/l	88
24) cis-1,2-Dichloroethene	3.450	61	413239	94.62	ug/l	93
25) Bromochloromethane	3.643	49	211423	97.20	ug/l	70
26) 2,2-Dichloropropane	3.450	77	261297	76.44	ug/l	94
27) 1,4-Dioxane	4.748	88	223771	6651.46	ug/l	79
28) 1,1-Dichloropropene	3.979	75	320717	110.87	ug/l	97
29) Chloroform	3.709	83	442748	97.13	ug/l	88
31) Cyclohexane	3.913	56	248886	95.62	ug/l	83
33) 1,2-Dichloroethane	4.129	62	422298	90.91	ug/l	97
34) 2-Butanone	3.456	43	142764	110.30	ug/l	99
35) 1,1,1-Trichloroethane	3.859	97	346492	96.42	ug/l	99
36) Carbon Tetrachloride	3.985	117	273724	90.56	ug/l	91
37) Vinyl Acetate	3.042	43	820098	93.83	ug/l	100
38) Bromodichloromethane	4.826	83	498815	105.61	ug/l	97
39) Methylcyclohexane	4.658	83	188654	98.75	ug/l	92
40) Dibromomethane	4.742	174	270277	105.36	ug/l	94
41) 1,2-Dichloropropane	4.664	63	301009	96.50	ug/l	93
42) Trichloroethene	4.538	130	281012	109.58	ug/l	94
43) Benzene	4.123	78	872933	94.77	ug/l	100
44) tert-Amyl methyl ether	4.195	73	680840	105.65	ug/l	99
46) Dibromochloromethane	5.757	129	444543	104.28	ug/l	98
47) 2-Chloroethylvinylether	4.994	63	188349	133.93	ug/l	80
48) cis-1,3-Dichloropropene	5.091	75	485671	102.99	ug/l	93
49) trans-1,3-Dichloropropene	5.409	75	475650	102.90	ug/l	99
50) 1,1,2-Trichloroethane	5.517	97	299844	99.00	ug/l	88
51) 1,2-Dibromoethane	5.836	107	363078	108.62	ug/l	87
52) 1,3-Dichloropropane	4.664	76	137807	89.21	ug/l	99
53) 4-Methyl-2-Pentanone	5.175	43	393003	112.08	ug/l	93
54) 2-Hexanone	5.655	43	295292	116.14	ug/l	94
55) Tetrachloroethene	5.625	164	240481	93.75	ug/l	97
57) Toluene	5.295	92	626379	90.20	ug/l	88
58) 1,1,1,2-Tetrachloroethane	6.160	133	303494	94.01	ug/l	73
59) Chlorobenzene	6.124	112	746309	99.18	ug/l	96
61) Bromoform	6.605	173	370214	107.45	ug/l	96
62) Ethylbenzene	6.178	106	261248	111.22	ug/l	82
63) 1,1,2,2-Tetrachloroethane	6.851	83	454272	99.00	ug/l	93
65) Styrene	6.484	104	718128	107.01	ug/l	98
66) m&p-Xylenes	6.238	106	738441	200.56	ug/l	94

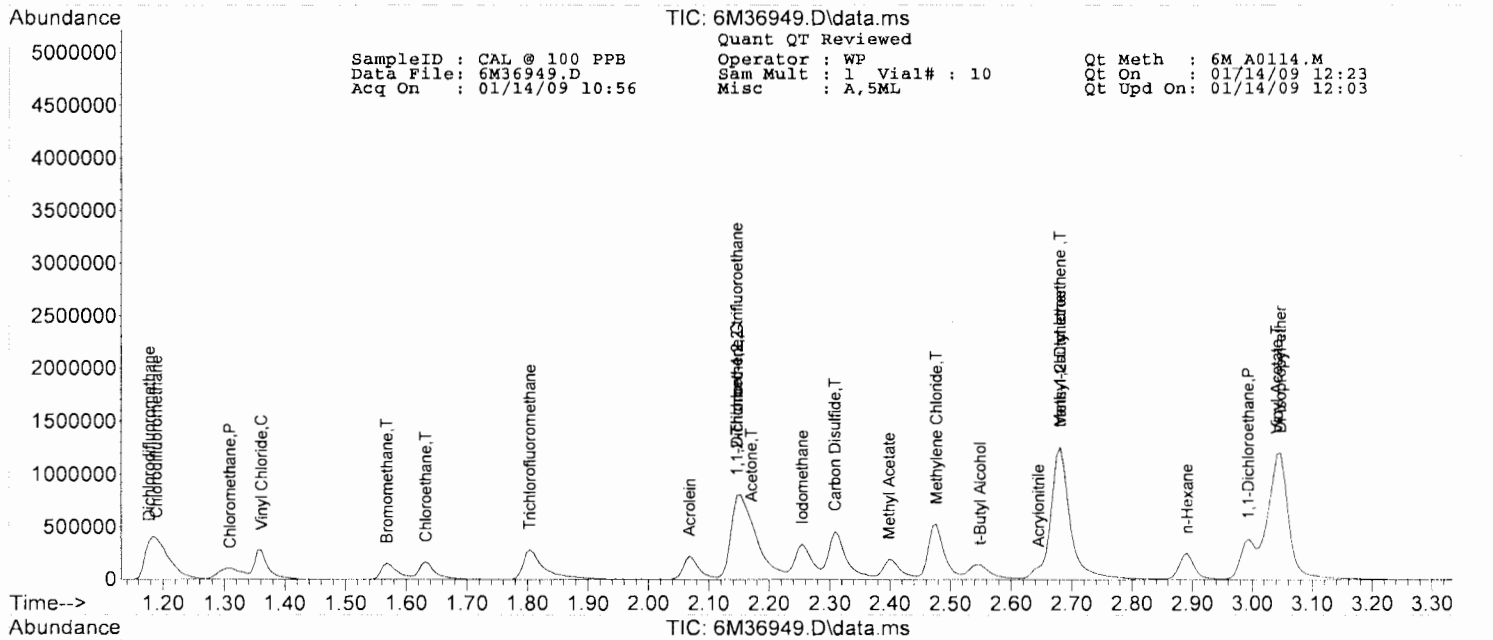
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M36949.D Sam Mult : 1 Vial# : 10 Qt On : 01/14/09 12:23
Acq On : 01/14/09 10:56 Misc : A,5ML Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.478	106	389550	105.75 ug/l	83
68)	trans-1,4-Dichloro-2-b...	6.881	53	127217	106.05 ug/l	43
69)	1,3-Dichlorobenzene	7.458	146	509174	96.81 ug/l	90
70)	1,4-Dichlorobenzene	7.512	146	570010	94.41 ug/l	86
71)	1,2-Dichlorobenzene	7.746	146	570554	100.76 ug/l	91
72)	Isopropylbenzene	6.689	105	879769	113.59 ug/l	93
73)	Cyclohexanone	6.755	55	13765	48.61 ug/l	59
74)	1,2,3-Trichloropropane	6.887	75	525336	99.12 ug/l	87
75)	2-Chlorotoluene	7.001	91	616191	103.96 ug/l	96
76)	p-Ethyltoluene	7.001	105	652172	104.98 ug/l	84
77)	4-Chlorotoluene	7.061	91	634850	109.57 ug/l	92
78)	n-Propylbenzene	6.935	91	1009216	105.24 ug/l	94
79)	Bromobenzene	6.893	77	683498	90.51 ug/l	90
80)	1,3,5-Trimethylbenzene	7.031	105	748950	105.20 ug/l	90
81)	t-Butylbenzene	7.235	119	619833	111.03 ug/l	89
82)	1,2,4-Trimethylbenzene	7.265	105	770338	111.83 ug/l	90
83)	sec-Butylbenzene	7.368	105	715566	107.89 ug/l	97
84)	4-Isopropyltoluene	7.452	119	565170	109.23 ug/l	91
85)	n-Butylbenzene	7.704	91	693363	105.32 ug/l	79
86)	p-Diethylbenzene	7.686	119	340661	111.90 ug/l	90
87)	1,2,4,5-Tetramethylben...	8.179	119	631913	117.08 ug/l	92
88)	1,2-Dibromo-3-Chloropr...	8.227	157	136186	125.25 ug/l	77
89)	Hexachlorobutadiene	8.858	225	161975	82.07 ug/l	95
90)	1,2,4-Trichlorobenzene	8.761	180	296673	111.06 ug/l	97
91)	1,2,3-Trichlorobenzene	9.086	180	322716	109.71 ug/l	97
92)	Naphthalene	8.930	128	1073852	135.25 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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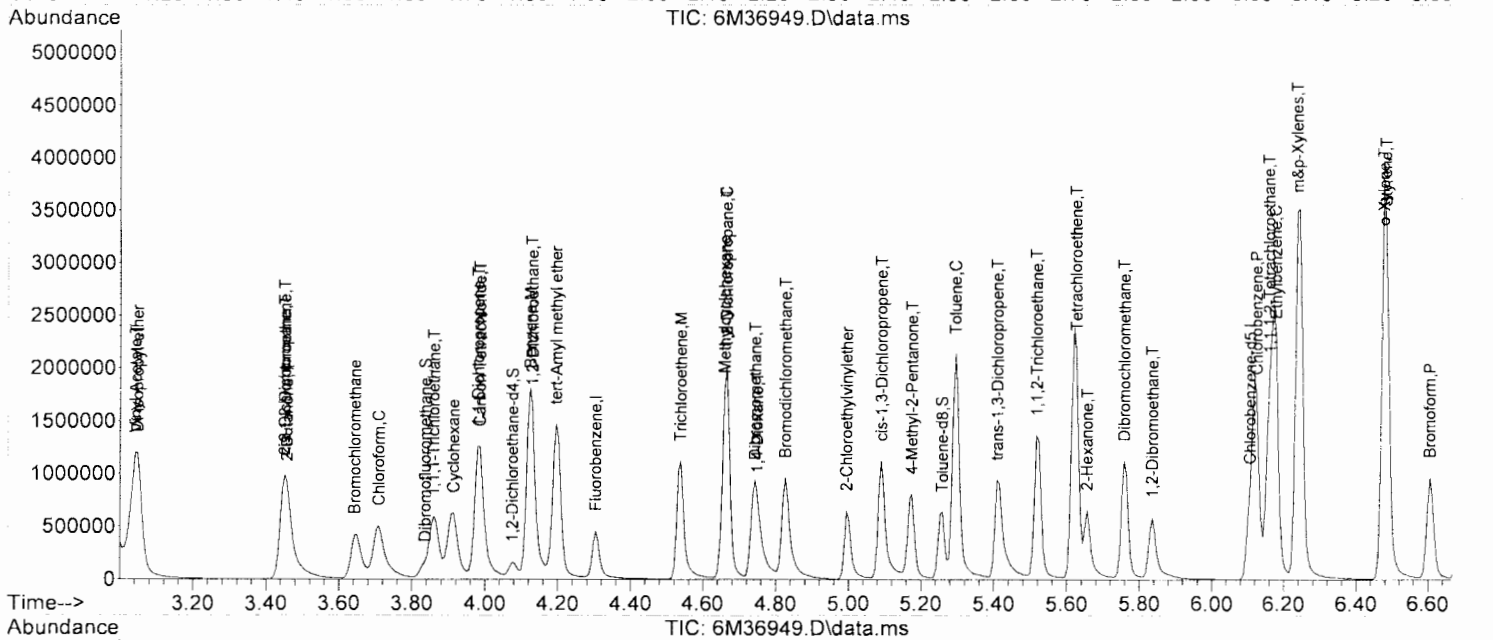
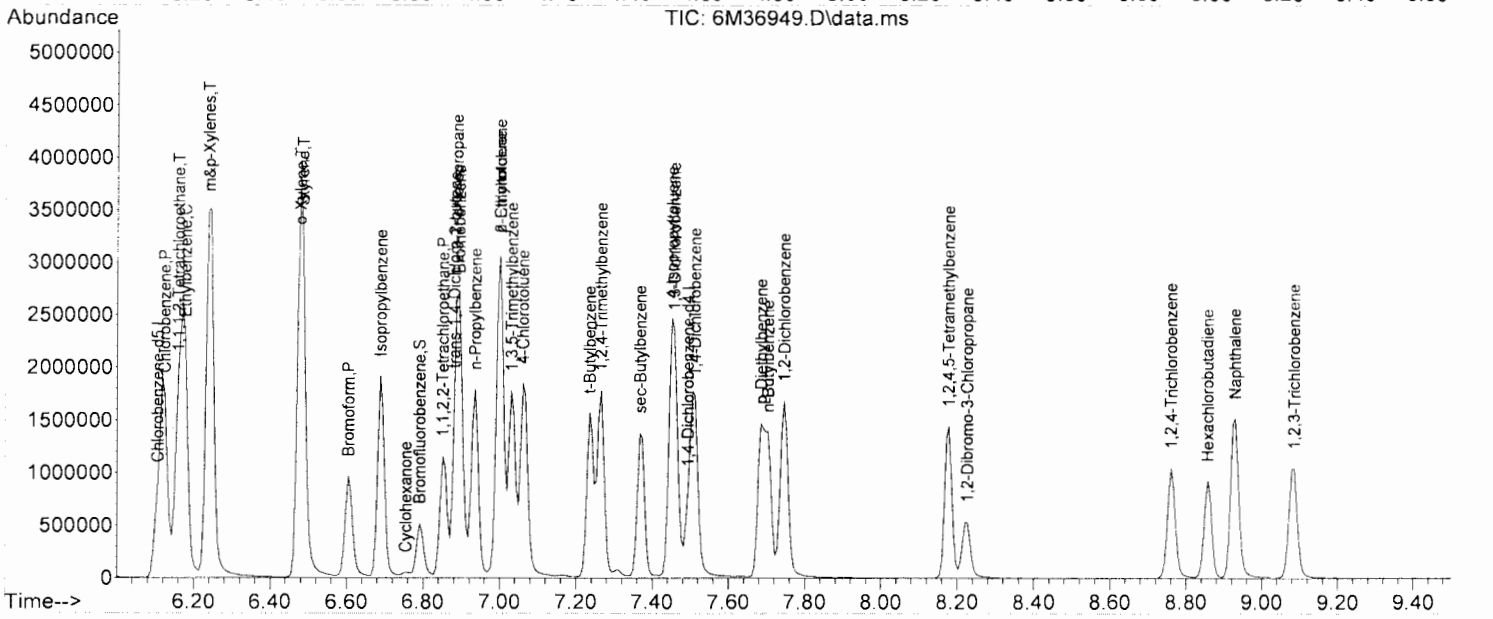
TIC: 6M36949.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 6M36949.D
Acq On : 01/14/09 10:56
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:23
Qt Upd On: 01/14/09 12:03
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M36949.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,S
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 6M36949.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB
Data File: 6M36948.D
Acq On : 01/14/09 10:39

Operator : WP
Sam Mult : 1 Vial# : 9
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:20
Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.304	96	260830	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.101	117	227242	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.495	152	119306	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.830	111	76223	27.70	ug/l	0.00
Spiked Amount 30.000			Recovery =	92.33%		
32) 1,2-Dichloroethane-d4	4.076	67	49286	27.30	ug/l	0.00
Spiked Amount 30.000			Recovery =	91.00%		
56) Toluene-d8	5.254	98	316582	29.66	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.87%		
64) Bromofluorobenzene	6.792	174	118762	31.43	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.77%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.195	51	1106347	293.43	ug/l	64
3) Dichlorodifluoromethane	1.172	85	615414	174.81	ug/l	89
4) Chloromethane	1.310	50	536876	189.20	ug/l	93
5) Bromomethane	1.564	94	152441	75.83	ug/l	81
6) Vinyl Chloride	1.356	62	524915	186.48	ug/l	94
7) Chloroethane	1.627	64	239520	175.54	ug/l	93
8) Trichlorofluoromethane	1.800	101	747874	220.66	ug/l	90
9) 1,1,2-Trichloro-1,2,2-...	2.148	101	354364	213.61	ug/l	94
10) Methylene Chloride	2.472	84	486615	227.67	ug/l	87
11) Acrolein	2.070	56	414431	2382.31	ug/l	99
12) Acrylonitrile	2.640	53	194111	254.68	ug/l	97
13) Iodomethane	2.250	142	882679	250.05	ug/l	93
14) Acetone	2.172	43	1042819	1119.81	ug/l	95
15) Carbon Disulfide	2.310	76	1431661	283.59	ug/l	100
16) t-Butyl Alcohol	2.550	59	336094	1356.30	ug/l	84
17) n-Hexane	2.887	57	225284	216.86	ug/l	86
18) Di-isopropyl-ether	3.043	45	2041782	229.17	ug/l	98
19) 1,1-Dichloroethene	2.148	61	854940	218.64	ug/l	97
20) Methyl Acetate	2.400	43	537062	215.82	ug/l	100
21) Methyl-t-butyl ether	2.676	73	1399841	225.10	ug/l	96
22) 1,1-Dichloroethane	2.995	63	1062715	223.95	ug/l	97
23) trans-1,2-Dichloroethene	2.682	96	395361	218.07	ug/l	87
24) cis-1,2-Dichloroethene	3.445	61	963442	219.27	ug/l	94
25) Bromochloromethane	3.644	49	504926	230.73	ug/l	75
26) 2,2-Dichloropropane	3.451	77	624420	181.56	ug/l	93
27) 1,4-Dioxane	4.749	88	520870	15388.53	ug/l	77
28) 1,1-Dichloropropene	3.980	75	742709	255.19	ug/l	97
29) Chloroform	3.704	83	1045197	227.90	ug/l	86
31) Cyclohexane	3.908	56	600574	229.33	ug/l	81
33) 1,2-Dichloroethane	4.130	62	937624	200.61	ug/l	97
34) 2-Butanone	3.457	43	330633	253.89	ug/l	97
35) 1,1,1-Trichloroethane	3.860	97	822116	227.38	ug/l	99
36) Carbon Tetrachloride	3.986	117	625797	205.79	ug/l	91
37) Vinyl Acetate	3.043	43	1908427	217.03	ug/l	100
38) Bromodichloromethane	4.827	83	1161642	244.46	ug/l	96
39) Methylcyclohexane	4.659	83	426543	221.91	ug/l	92
40) Dibromomethane	4.737	174	611770	237.04	ug/l	94
41) 1,2-Dichloropropane	4.665	63	666288	212.30	ug/l	94
42) Trichloroethene	4.533	130	636052	246.52	ug/l	91
43) Benzene	4.124	78	1939917	209.32	ug/l	100
44) tert-Amyl methyl ether	4.196	73	1557872	240.28	ug/l	98
46) Dibromochloromethane	5.758	129	1013618	238.25	ug/l	95
47) 2-Chloroethylvinylether	4.995	63	465219	331.48	ug/l	81
48) cis-1,3-Dichloropropene	5.091	75	1152329	244.85	ug/l	93
49) trans-1,3-Dichloropropene	5.410	75	1133611	245.73	ug/l	98
50) 1,1,2-Trichloroethane	5.518	97	673381	222.79	ug/l	89
51) 1,2-Dibromoethane	5.830	107	860607	257.99	ug/l	92
52) 1,3-Dichloropropane	4.665	76	308089	199.84	ug/l	98
53) 4-Methyl-2-Pentanone	5.170	43	914295	261.28	ug/l	96
54) 2-Hexanone	5.656	43	679477	267.78	ug/l	90
55) Tetrachloroethene	5.620	164	501968	196.09	ug/l	96
57) Toluene	5.296	92	1397789	201.70	ug/l	91
58) 1,1,1,2-Tetrachloroethane	6.161	133	633130	196.51	ug/l	72
59) Chlorobenzene	6.119	112	1648353	219.50	ug/l	97
61) Bromoform	6.605	173	867570	261.38	ug/l	94
62) Ethylbenzene	6.173	106	537223	237.41	ug/l	84
63) 1,1,2,2-Tetrachloroethane	6.852	83	996881	225.53	ug/l	92
65) Styrene	6.485	104	1405613	217.43	ug/l	98
66) m&p-Xylenes	6.239	106	1461742	412.10	ug/l	99

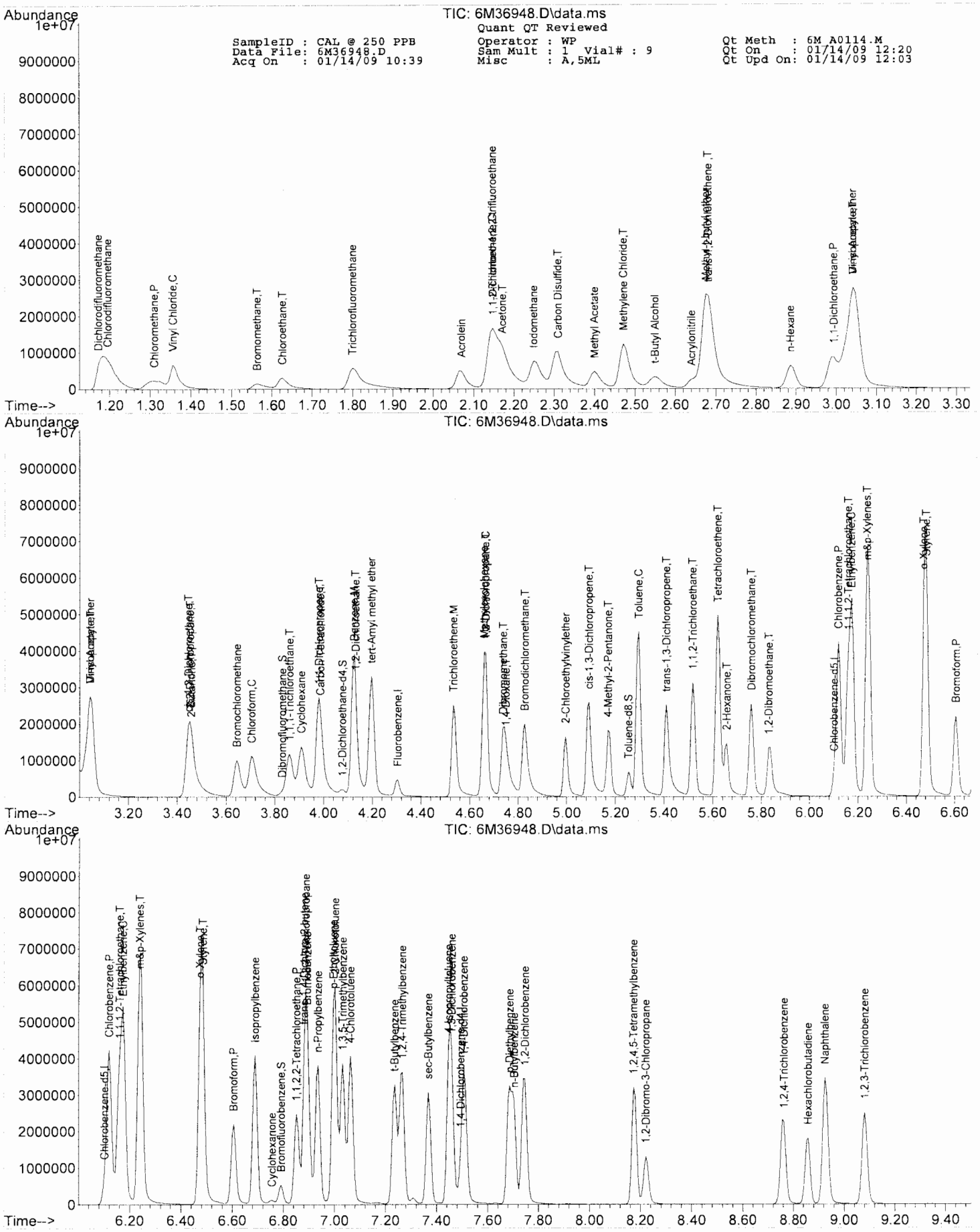
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M36948.D Sam Mult : 1 Vial# : 9 Qt On : 01/14/09 12:20
Acq On : 01/14/09 10:39 Misc : A,5ML Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.473	106	755089	212.78 ug/l	86
68) trans-1,4-Dichloro-2-b...	6.882	53	274794	237.78 ug/l	36
69) 1,3-Dichlorobenzene	7.459	146	1033332	203.95 ug/l	91
70) 1,4-Dichlorobenzene	7.507	146	1228661	211.23 ug/l	87
71) 1,2-Dichlorobenzene	7.747	146	1249244	229.00 ug/l	91
72) Isopropylbenzene	6.690	105	1915268	256.68 ug/l	93
73) Cyclohexanone	6.756	55	31068m	113.88 ug/l	
74) 1,2,3-Trichloropropane	6.888	75	1070894	209.74 ug/l	85
75) 2-Chlorotoluene	7.002	91	1199574	210.08 ug/l	96
76) p-Ethyltoluene	6.996	105	1359991	227.24 ug/l	84
77) 4-Chlorotoluene	7.062	91	1407957	252.25 ug/l	92
78) n-Propylbenzene	6.936	91	2184551	236.48 ug/l	94
79) Bromobenzene	6.894	77	1417916	194.91 ug/l	92
80) 1,3,5-Trimethylbenzene	7.032	105	1583488	230.89 ug/l	90
81) t-Butylbenzene	7.236	119	1354021	251.78 ug/l	90
82) 1,2,4-Trimethylbenzene	7.266	105	1687129	254.25 ug/l	90
83) sec-Butylbenzene	7.368	105	1566613	245.19 ug/l	97
84) 4-Isopropyltoluene	7.447	119	1162984	233.31 ug/l	93
85) n-Butylbenzene	7.705	91	1513746	238.69 ug/l	79
86) p-Diethylbenzene	7.687	119	754775	257.35 ug/l	91
87) 1,2,4,5-Tetramethylben...	8.174	119	1419589	273.02 ug/l	92
88) 1,2-Dibromo-3-Chloropr...	8.222	157	318387	303.95 ug/l	74
89) Hexachlorobutadiene	8.858	225	335669	176.54 ug/l	94
90) 1,2,4-Trichlorobenzene	8.762	180	691054	268.55 ug/l	96
91) 1,2,3-Trichlorobenzene	9.081	180	730533	257.81 ug/l	96
92) Naphthalene	8.925	128	2412568	315.41 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 6M36948.D
Acq On : 01/14/09 10:39
Operator : WP
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:20
Qt Upd On: 01/14/09 12:03
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M36947.D Sam Mult : 1 Vial# : 8 Qt On : 01/14/09 12:15
Acq On : 01/14/09 10:23 Misc : A,5ML Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.304	96	236961	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.101	117	194414	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.495	152	106277	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.830	111	70166	28.06	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.53%			
32) 1,2-Dichloroethane-d4	4.076	67	45005	27.44	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.47%			
56) Toluene-d8	5.254	98	282529	30.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.13%			
64) Bromofluorobenzene	6.792	174	107611	31.97	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.57%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.190	51	1810131	528.44	ug/l	68
3) Dichlorodifluoromethane	1.173	85	1079101	337.39	ug/l	90
4) Chloromethane	1.311	50	915863	355.26	ug/l	91
5) Bromomethane	1.593	94	35425	19.40	ug/l	98
6) Vinyl Chloride	1.357	62	847042	331.23	ug/l	94
7) Chloroethane	1.616	64	295912	238.72	ug/l	95
8) Trichlorofluoromethane	1.795	101	1289715	418.85	ug/l	89
9) 1,1,2-Trichloro-1,2,2-...	2.142	101	618095	410.12	ug/l	93
10) Methylene Chloride	2.472	84	799102	411.53	ug/l	93
11) Acrolein	2.069	56	633676	4009.54	ug/l	94
12) Acrylonitrile	2.640	53	308405	445.40	ug/l	95
13) Iodomethane	2.250	142	1452042	452.77	ug/l	93
14) Acetone	2.172	43	1713956	2025.89	ug/l	97
15) Carbon Disulfide	2.304	76	2407705	524.97	ug/l	100
16) t-Butyl Alcohol	2.580	59	577343	2564.54	ug/l	85
17) n-Hexane	2.887	57	395524	419.08	ug/l	88
18) Di-isopropyl-ether	3.049	45	3268136	403.76	ug/l	98
19) 1,1-Dichloroethene	2.142	61	1403487	395.08	ug/l	97
20) Methyl Acetate	2.400	43	899849	398.03	ug/l	100
21) Methyl-t-butyl ether	2.682	73	2241580	396.77	ug/l	96
22) 1,1-Dichloroethane	2.989	63	1765119	409.43	ug/l	97
23) trans-1,2-Dichloroethene	2.676	96	621801	377.51	ug/l	87
24) cis-1,2-Dichloroethene	3.445	61	1567233	392.61	ug/l	92
25) Bromochloromethane	3.644	49	827982	416.47	ug/l	75
26) 2,2-Dichloropropane	3.451	77	1076917	344.66	ug/l	93
27) 1,4-Dioxane	4.755	88	825730	26852.61	ug/l	80
28) 1,1-Dichloropropene	3.980	75	1204147	455.41	ug/l	98
29) Chloroform	3.704	83	1804253	433.04	ug/l	87
31) Cyclohexane	3.908	56	980737	412.23	ug/l	79
33) 1,2-Dichloroethane	4.130	62	1488045	350.45	ug/l	96
34) 2-Butanone	3.457	43	536039	453.08	ug/l	98
35) 1,1,1-Trichloroethane	3.860	97	1433092	436.29	ug/l	99
36) Carbon Tetrachloride	3.992	117	993401	359.57	ug/l	93
37) Vinyl Acetate	3.037	43	3079301	385.45	ug/l	100
38) Bromodichloromethane	4.827	83	1934751	448.17	ug/l	96
39) Methylcyclohexane	4.659	83	682209	390.68	ug/l	92
40) Dibromomethane	4.737	174	945473	403.24	ug/l	93
41) 1,2-Dichloropropane	4.665	63	1060255	371.87	ug/l	93
42) Trichloroethene	4.533	130	997795	425.68	ug/l	91
43) Benzene	4.118	78	3016475	358.26	ug/l	100
44) tert-Amyl methyl ether	4.196	73	2426193	411.90	ug/l	98
46) Dibromochloromethane	5.758	129	1616357	444.08	ug/l	97
47) 2-Chloroethylvinylether	4.995	63	761025	633.81	ug/l	82
48) cis-1,3-Dichloropropene	5.091	75	1883000	467.66	ug/l	93
49) trans-1,3-Dichloropropene	5.410	75	1911582	484.34	ug/l	97
50) 1,1,2-Trichloroethane	5.518	97	1048940	405.64	ug/l	91
51) 1,2-Dibromoethane	5.836	107	1417986	496.86	ug/l	91
52) 1,3-Dichloropropane	4.665	76	488363	370.27	ug/l	98
53) 4-Methyl-2-Pentanone	5.176	43	1457323	486.79	ug/l	95
54) 2-Hexanone	5.656	43	1105302	509.15	ug/l	93
55) Tetrachloroethene	5.626	164	716580	327.19	ug/l	95
57) Toluene	5.296	92	2155502	363.56	ug/l	90
58) 1,1,1,2-Tetrachloroethane	6.161	133	920356	333.90	ug/l	72
59) Chlorobenzene	6.119	112	2521594	392.48	ug/l	95
61) Bromoform	6.605	173	1385515	468.61	ug/l	96
62) Ethylbenzene	6.179	106	783360	388.62	ug/l	81
63) 1,1,2,2-Tetrachloroethane	6.852	83	1523571	386.94	ug/l	93
65) Styrene	6.485	104	1926758	334.58	ug/l	89
66) m&p-Xylenes	6.245	106	1995531	631.56	ug/l	97

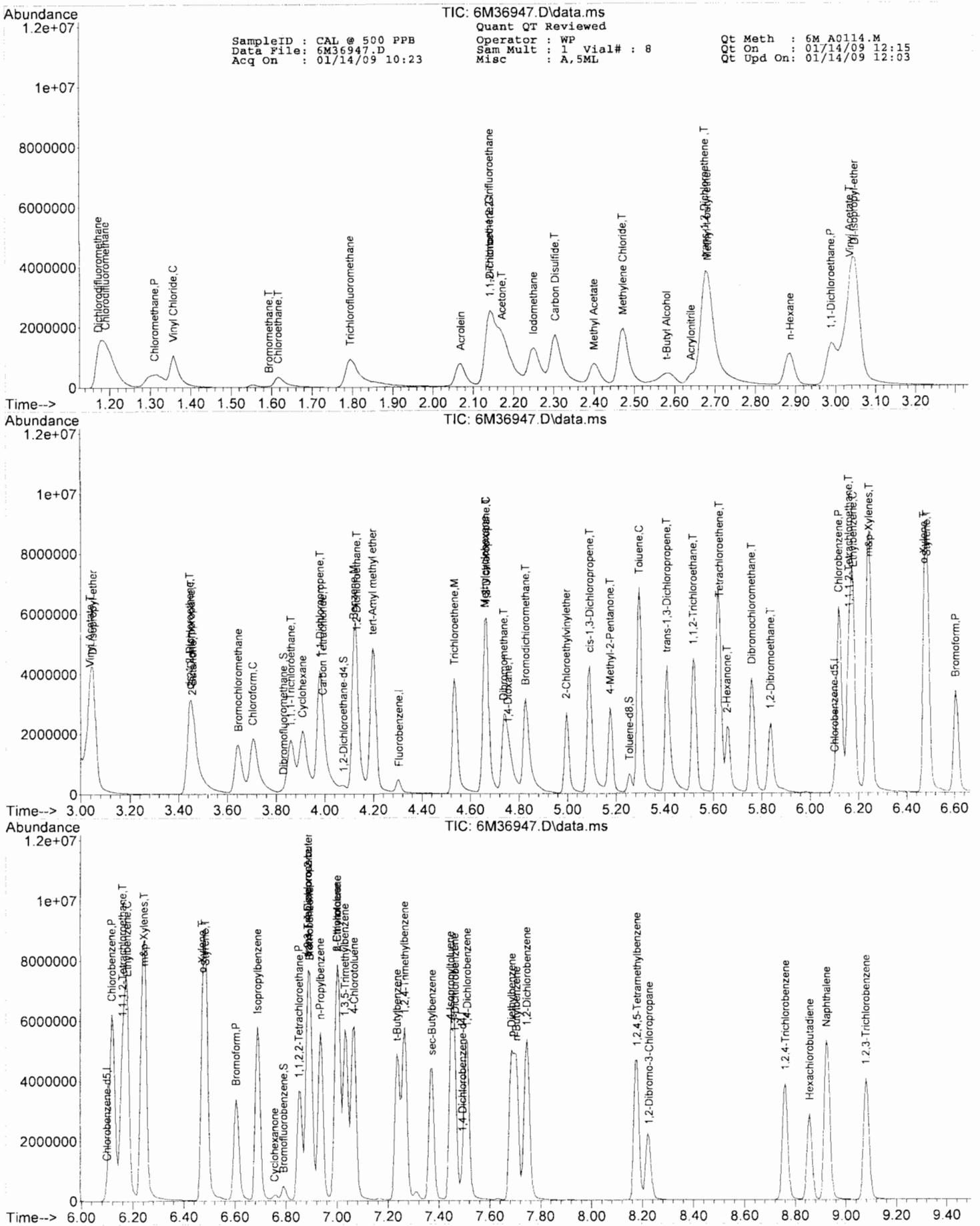
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M36947.D Sam Mult : 1 Vial# : 8 Qt On : 01/14/09 12:15
Acq On : 01/14/09 10:23 Misc : A,5ML Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.473	106	1056344	334.16 ug/l	84
68)	trans-1,4-Dichloro-2-b...	6.888	53	418255	406.28 ug/l	31
69)	1,3-Dichlorobenzene	7.465	146	1513449	335.33 ug/l	91
70)	1,4-Dichlorobenzene	7.513	146	1884395	363.69 ug/l	88
71)	1,2-Dichlorobenzene	7.747	146	1941655	399.56 ug/l	92
72)	Isopropylbenzene	6.690	105	2890784	434.92 ug/l	93
73)	Cyclohexanone	6.756	55	55678	229.11 ug/l	57
74)	1,2,3-Trichloropropane	6.888	75	1550688	340.95 ug/l	84
75)	2-Chlorotoluene	7.002	91	1566660	308.00 ug/l	96
76)	p-Ethyltoluene	7.002	105	2099923	393.89 ug/l	79
77)	4-Chlorotoluene	7.068	91	1981557	398.53 ug/l	92
78)	n-Propylbenzene	6.936	91	3399640	413.13 ug/l	95
79)	Bromobenzene	6.894	77	2054103	316.98 ug/l	95
80)	1,3,5-Trimethylbenzene	7.032	105	2320995	379.91 ug/l	85
81)	t-Butylbenzene	7.236	119	2109805	440.41 ug/l	90
82)	1,2,4-Trimethylbenzene	7.266	105	2634806	445.74 ug/l	90
83)	sec-Butylbenzene	7.374	105	2448498	430.20 ug/l	96
84)	4-Isopropyltoluene	7.447	119	1736232	391.01 ug/l	93
85)	n-Butylbenzene	7.705	91	2418991	428.19 ug/l	79
86)	p-Diethylbenzene	7.687	119	1223536	468.33 ug/l	91
87)	1,2,4,5-Tetramethylben...	8.179	119	2215556	478.34 ug/l	91
88)	1,2-Dibromo-3-Chloropr...	8.228	157	557261	597.21 ug/l	74
89)	Hexachlorobutadiene	8.858	225	533769	315.15 ug/l	95
90)	1,2,4-Trichlorobenzene	8.762	180	1151327	502.26 ug/l	97
91)	1,2,3-Trichlorobenzene	9.081	180	1218236	482.62 ug/l	96
92)	Naphthalene	8.924	128	3801774	557.97 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 6M36947.D
Acq On : 01/14/09 10:23
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:15
Qt Upd On: 01/14/09 12:03
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB
Data File: 6M36944.D
Acq On : 01/14/09 09:35

Operator : WP
Sam Mult : 1 Vial# : 5
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:03
Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.304	96	214873	30.00	ug/l		0.00
45) Chlorobenzene-d5	6.106	117	180159	30.00	ug/l		0.00
60) 1,4-Dichlorobenzene-d4	7.494	152	87609	30.00	ug/l		0.00
System Monitoring Compounds							
30) Dibromofluoromethane	3.829	111	73105	32.24	ug/l		0.00
Spiked Amount 30.000			Recovery = 107.47%				
32) 1,2-Dichloroethane-d4	4.075	67	44838	30.15	ug/l		0.00
Spiked Amount 30.000			Recovery = 100.50%				
56) Toluene-d8	5.253	98	223456	26.41	ug/l		0.00
Spiked Amount 30.000			Recovery = 88.03%				
64) Bromofluorobenzene	6.791	174	86028	31.00	ug/l		0.00
Spiked Amount 30.000			Recovery = 103.33%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.188	51	4733	1.52	ug/l		62
3) Dichlorodifluoromethane	1.171	85	2556	0.88	ug/l		78
4) Chloromethane	1.309	50	1546	0.66	ug/l	#	45
5) Bromomethane	1.574	94	1262	0.76	ug/l		78
6) Vinyl Chloride	1.355	62	1519	0.66	ug/l		82
7) Chloroethane	1.637	64	932	0.83	ug/l		90
8) Trichlorofluoromethane	1.804	101	2865	1.03	ug/l		87
9) 1,1,2-Trichloro-1,2,2-...	2.141	101	1451	1.06	ug/l		89
10) Methylene Chloride	2.477	84	1817	1.03	ug/l		94
11) Acrolein	2.081	56	1189	8.30	ug/l		76
12) Acrylonitrile	2.652	53	99m	0.16	ug/l		
13) Iodomethane	2.249	142	3406	1.17	ug/l		100
14) Acetone	2.171	43	4702	6.13	ug/l		98
15) Carbon Disulfide	2.309	76	5626	1.35	ug/l		100
16) t-Butyl Alcohol	2.543	59	831	4.07	ug/l		50
17) n-Hexane	2.898	57	682	0.80	ug/l		84
18) Di-isopropyl-ether	3.042	45	7015	0.96	ug/l		98
19) 1,1-Dichloroethene	2.147	61	3292	1.02	ug/l		85
20) Methyl Acetate	2.405	43	2303	1.12	ug/l		100
21) Methyl-t-butyl ether	2.676	73	5190	1.01	ug/l		91
22) 1,1-Dichloroethane	2.988	63	3766	0.96	ug/l		94
23) trans-1,2-Dichloroethene	2.688	96	1581	1.06	ug/l		79
24) cis-1,2-Dichloroethene	3.451	61	3430	0.95	ug/l		80
25) Bromochloromethane	3.643	49	1936	1.07	ug/l	#	62
26) 2,2-Dichloropropane	3.451	77	2584	0.91	ug/l		94
27) 1,4-Dioxane	4.754	88	930	33.35	ug/l		81
28) 1,1-Dichloropropene	3.979	75	2440	1.02	ug/l		94
29) Chloroform	3.703	83	4156	1.10	ug/l		95
31) Cyclohexane	3.907	56	1847	0.86	ug/l		88
33) 1,2-Dichloroethane	4.129	62	4286	1.11	ug/l		91
34) 2-Butanone	3.475	43	714	0.67	ug/l		56
35) 1,1,1-Trichloroethane	3.859	97	3375	1.13	ug/l		90
36) Carbon Tetrachloride	3.985	117	2981	1.19	ug/l		98
37) Vinyl Acetate	3.048	43	6859	0.95	ug/l		100
38) Bromodichloromethane	4.826	83	3882	0.99	ug/l		99
39) Methylcyclohexane	4.652	83	1265	0.80	ug/l	#	81
40) Dibromomethane	4.742	174	2260	1.06	ug/l		91
41) 1,2-Dichloropropane	4.664	63	2421	0.94	ug/l		98
42) Trichloroethene	4.538	130	2441	1.15	ug/l		92
43) Benzene	4.123	78	8357	1.09	ug/l		100
44) tert-Amyl methyl ether	4.196	73	5431	1.02	ug/l		95
46) Dibromochloromethane	5.764	129	3542	1.05	ug/l		98
47) 2-Chloroethylvinylether	5.013	63	116	0.10	ug/l	#	35
48) cis-1,3-Dichloropropene	5.097	75	2834	0.76	ug/l		89
49) trans-1,3-Dichloropropene	5.421	75	2216	0.61	ug/l		53
50) 1,1,2-Trichloroethane	5.529	97	2468	1.03	ug/l		85
51) 1,2 Dibromoethane	5.848	107	2503	0.95	ug/l		93
52) 1,3-Dichloropropane	4.670	76	1317	1.08	ug/l		99
53) 4-Methyl-2-Pentanone	5.175	43	1816	0.65	ug/l		93
54) 2-Hexanone	5.704	43	685	0.34	ug/l	#	42
55) Tetrachloroethene	5.625	164	2147	1.06	ug/l		90
57) Toluene	5.295	92	5470	1.00	ug/l		84
58) 1,1,1,2-Tetrachloroethane	6.160	133	2669	1.04	ug/l	#	12
59) Chlorobenzene	6.118	112	6672	1.12	ug/l		97
61) Bromoform	6.611	173	2663	1.09	ug/l		93
62) Ethylbenzene	6.178	106	1551	0.93	ug/l		63
63) 1,1,2,2-Tetrachloroethane	6.851	83	3999	1.23	ug/l		92
65) Styrene	6.503	104	3429	0.72	ug/l		83
66) m&p-Xylenes	6.244	106	4895	1.88	ug/l		96

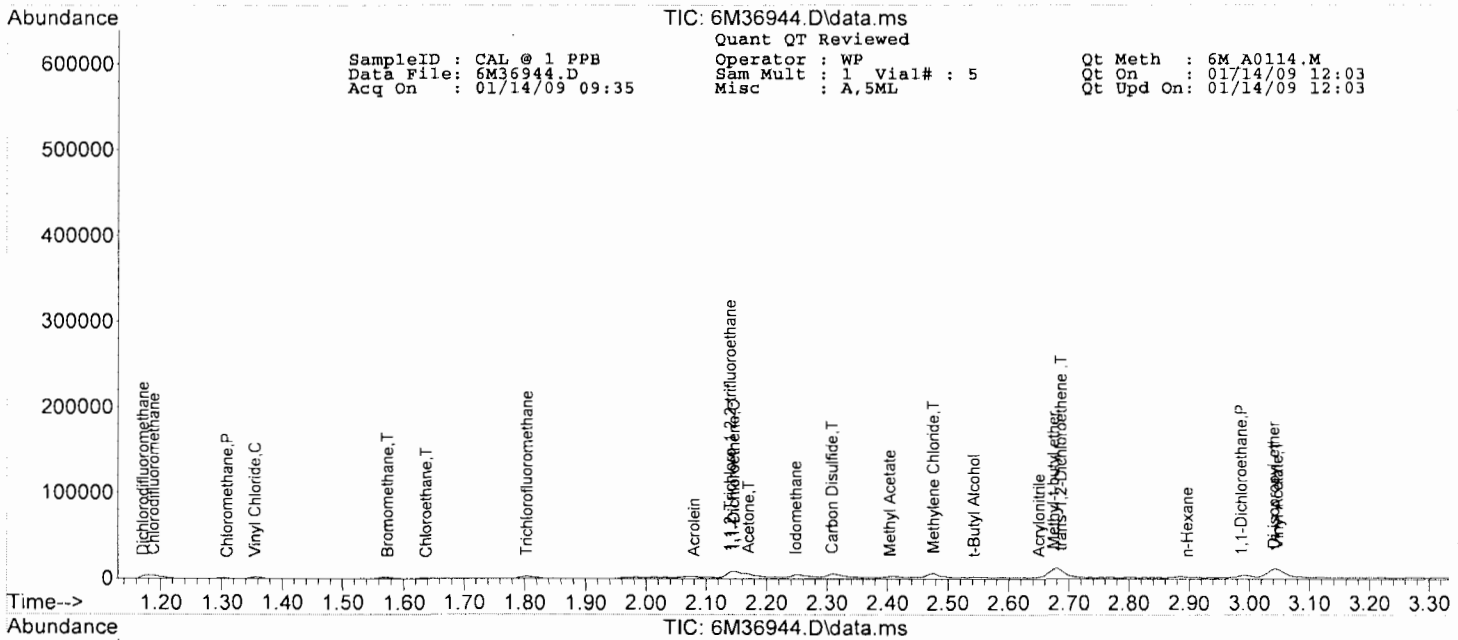
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M36944.D Sam Mult : 1 Vial# : 5 Qt On : 01/14/09 12:03
Acq On : 01/14/09 09:35 Misc : A,5ML Qt Upd On: 01/14/09 12:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67)	o-Xylene	6.485	106	2193	0.84	ug/l		69
68)	trans-1,4-Dichloro-2-b...	6.899	53	585	0.69	ug/l	#	1
69)	1,3-Dichlorobenzene	7.464	146	3829	1.03	ug/l	#	70
70)	1,4-Dichlorobenzene	7.758	146	4259	1.00	ug/l		85
71)	1,2-Dichlorobenzene	7.758	146	4483	1.12	ug/l		87
72)	Isopropylbenzene	6.689	105	4770	0.87	ug/l		95
73)	Cyclohexanone	6.791	55	268	1.34	ug/l	#	35
74)	1,2,3-Trichloropropane	6.893	75	6429m	1.71	ug/l		
75)	2-Chlorotoluene	7.007	91	3712	0.89	ug/l		92
76)	p-Ethyltoluene	7.007	105	3201	0.73	ug/l		90
77)	4-Chlorotoluene	7.073	91	2780	0.68	ug/l		83
78)	n-Propylbenzene	6.941	91	6475	0.95	ug/l		95
79)	Bromobenzene	6.893	77	6853m	1.28	ug/l		
80)	1,3,5-Trimethylbenzene	7.037	105	5914	1.17	ug/l		86
81)	t-Butylbenzene	7.236	119	3763	0.95	ug/l		92
82)	1,2,4-Trimethylbenzene	7.272	105	3896	0.80	ug/l		93
83)	sec-Butylbenzene	7.368	105	3539	0.75	ug/l		98
84)	4-Isopropyltoluene	7.452	119	2652	0.72	ug/l		94
85)	n-Butylbenzene	7.710	91	3817	0.82	ug/l		77
86)	p-Diethylbenzene	7.686	119	1376	0.64	ug/l	#	76
87)	1,2,4,5-Tetramethylben...	8.179	119	2740	0.72	ug/l		93
88)	1,2-Dibromo-3-Chloropr...	8.233	157	600	0.78	ug/l		93
89)	Hexachlorobutadiene	8.858	225	1862	1.33	ug/l		98
90)	1,2,4-Trichlorobenzene	8.768	180	1576	0.83	ug/l	#	73
91)	1,2,3-Trichlorobenzene	9.092	180	1801	0.87	ug/l		83
92)	Naphthalene	8.936	128	5331	0.95	ug/l		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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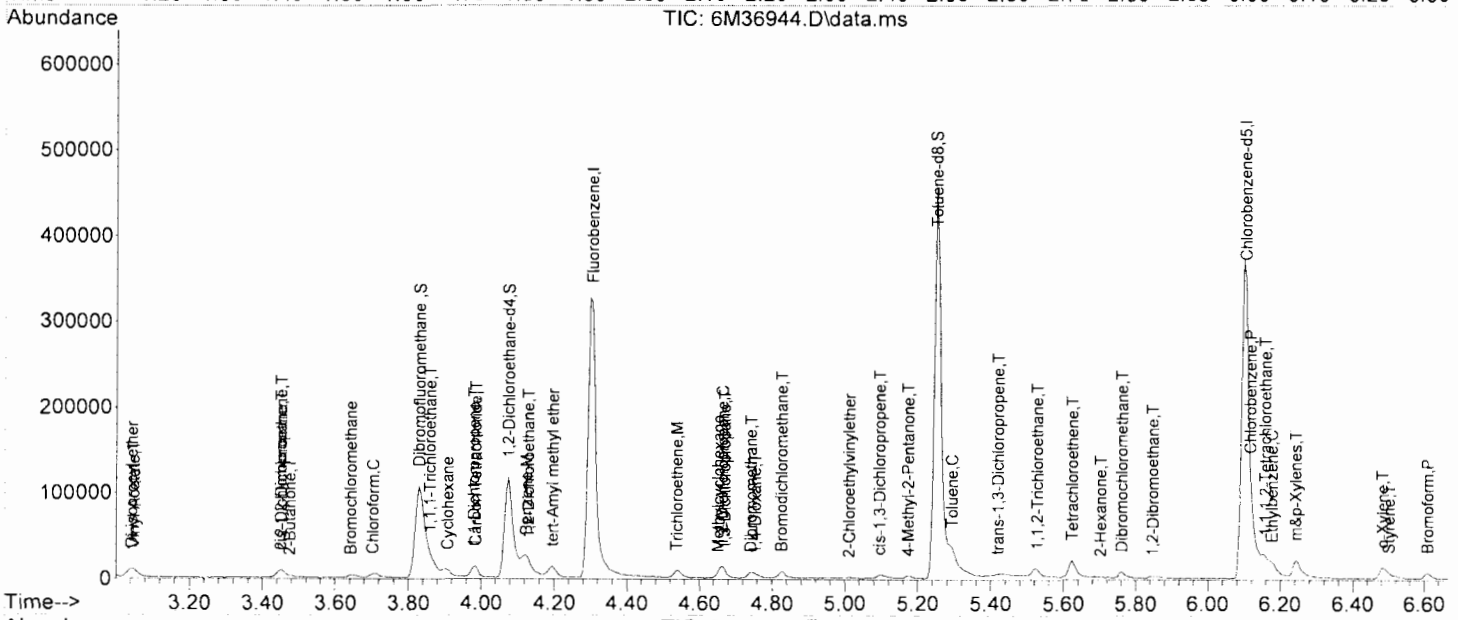
SampleID : CAL @ 1 PPB
Data File: 6M36944.D
Acq On : 01/14/09 09:35
Operator : WP
Sam Mult : 1 Vial# : 5
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/14/09 12:03
Qt Upd On: 01/14/09 12:03
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
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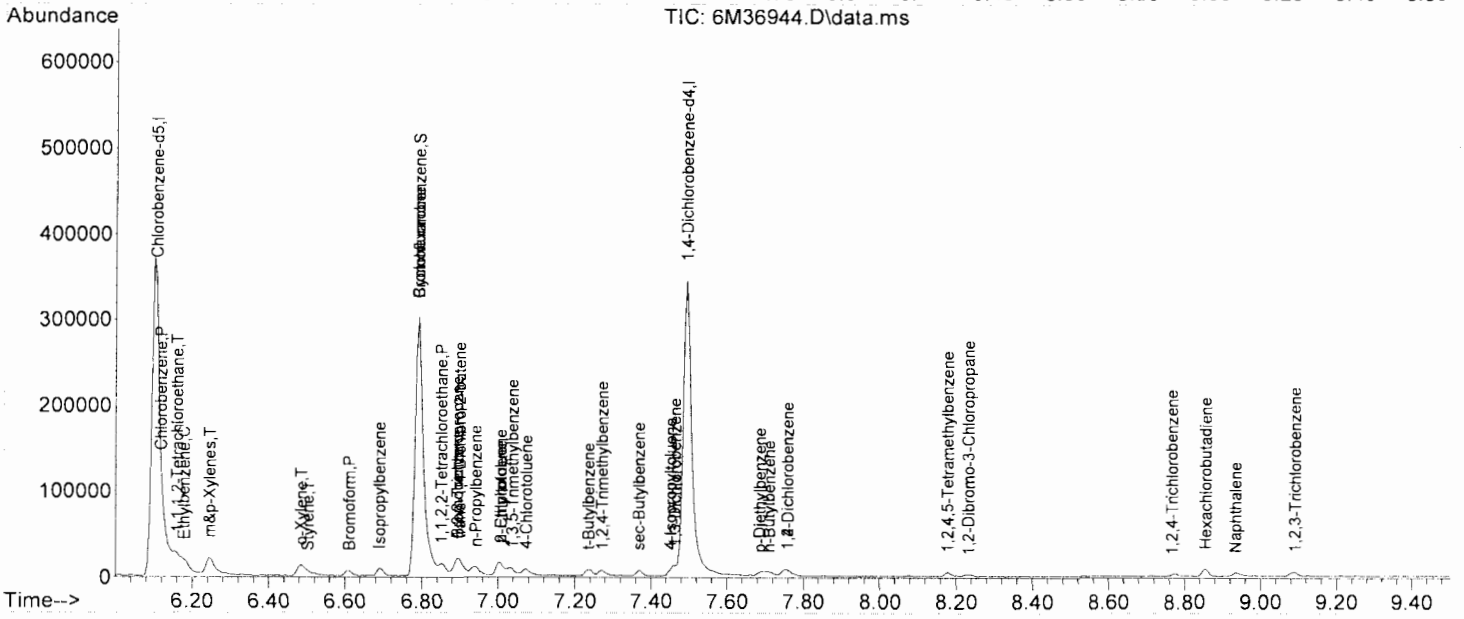
Cyclohexane
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,C
1,1,1,2-Tetrachloroethane,T
m&p-Xylenes,T
Styrene,T
Bromoform,P
Time-->


Abundance
TIC: 6M36944.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,C
1,1,1,2-Tetrachloroethane,T
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
p-Diethylbenzene
1,4-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 6M_A0114.M
Data File: 6M36945.D Sam Mult : 1 Vial# : 6 Qt On : 01/14/09 13:17
Acq On : 01/14/09 09:51 Misc : A,5ML Qt Upd On: 01/14/09 13:14

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	4.305	96	209401	30.00 ug/l	0.00
45) Chlorobenzene-d5	6.107	117	174189	30.00 ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.495	152	81421	30.00 ug/l	0.00
System Monitoring Compounds					
30) Dibromofluoromethane	0.000	111	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
32) 1,2-Dichloroethane-d4	0.000	67	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
56) Toluene-d8	0.000	98	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
64) Bromofluorobenzene	0.000	174	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
Target Compounds					Qvalue
2) Chlorodifluoromethane	0.000		0	N.D. d	
3) Dichlorodifluoromethane	0.000		0	N.D. d	
4) Chloromethane	0.000		0	N.D. d	
5) Bromomethane	0.000		0	N.D. d	
6) Vinyl Chloride	0.000		0	N.D. d	
7) Chloroethane	0.000		0	N.D. d	
8) Trichlorofluoromethane	0.000		0	N.D. d	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D. d	
10) Methylene Chloride	0.000		0	N.D. d	
11) Acrolein	0.000		0	N.D.	
12) Acrylonitrile	0.000		0	N.D.	
13) Iodomethane	0.000		0	N.D. d	
14) Acetone	0.000		0	N.D. d	
15) Carbon Disulfide	0.000		0	N.D. d	
16) t-Butyl Alcohol	0.000		0	N.D.	
17) n-Hexane	0.000		0	N.D. d	
18) Di-isopropyl-ether	0.000		0	N.D. d	
19) 1,1-Dichloroethene	0.000		0	N.D. d	
20) Methyl Acetate	0.000		0	N.D. d	
21) Methyl-t-butyl ether	0.000		0	N.D. d	
22) 1,1-Dichloroethane	0.000		0	N.D. d	
23) trans-1,2-Dichloroethene	0.000		0	N.D. d	
24) cis-1,2-Dichloroethene	0.000		0	N.D. d	
25) Bromochloromethane	0.000		0	N.D. d	
26) 2,2-Dichloropropane	0.000		0	N.D. d	
27) 1,4-Dioxane	0.000		0	N.D. d	
28) 1,1-Dichloropropene	0.000		0	N.D. d	
29) Chloroform	0.000		0	N.D. d	
31) Cyclohexane	0.000		0	N.D. d	
33) 1,2-Dichloroethane	4.136	62	1535	0.56 ug/l	71
34) 2-Butanone	0.000		0	N.D.	
35) 1,1,1-Trichloroethane	0.000		0	N.D. d	
36) Carbon Tetrachloride	0.000		0	N.D. d	
37) Vinyl Acetate	0.000		0	N.D. d	
38) Bromodichloromethane	0.000		0	N.D. d	
39) Methylcyclohexane	0.000		0	N.D. d	
40) Dibromomethane	0.000		0	N.D. d	
41) 1,2-Dichloropropane	0.000		0	N.D. d	
42) Trichloroethene	0.000		0	N.D. d	
43) Benzene	4.124	78	3555	0.50 ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D. d	
46) Dibromochloromethane	0.000		0	N.D. d	
47) 2-Chloroethylvinylether	0.000		0	N.D.	
48) cis-1,3-Dichloropropene	0.000		0	N.D. d	
49) trans-1,3-Dichloropropene	0.000		0	N.D. d	
50) 1,1,2-Trichloroethane	0.000		0	N.D. d	
51) 1,2-Dibromoethane	0.000		0	N.D. d	
52) 1,3-Dichloropropane	0.000		0	N.D. d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D. d	
54) 2-Hexanone	0.000		0	N.D.	
55) Tetrachloroethene	0.000		0	N.D. d	
57) Toluene	0.000		0	N.D. d	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D. d	
59) Chlorobenzene	0.000		0	N.D. d	
61) Bromoform	0.000		0	N.D. d	
62) Ethylbenzene	0.000		0	N.D. d	
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
65) Styrene	0.000		0	N.D. d	
66) m&p-Xylenes	0.000		0	N.D. d	

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB
Data File: 6M36945.D
Acq On : 01/14/09 09:51

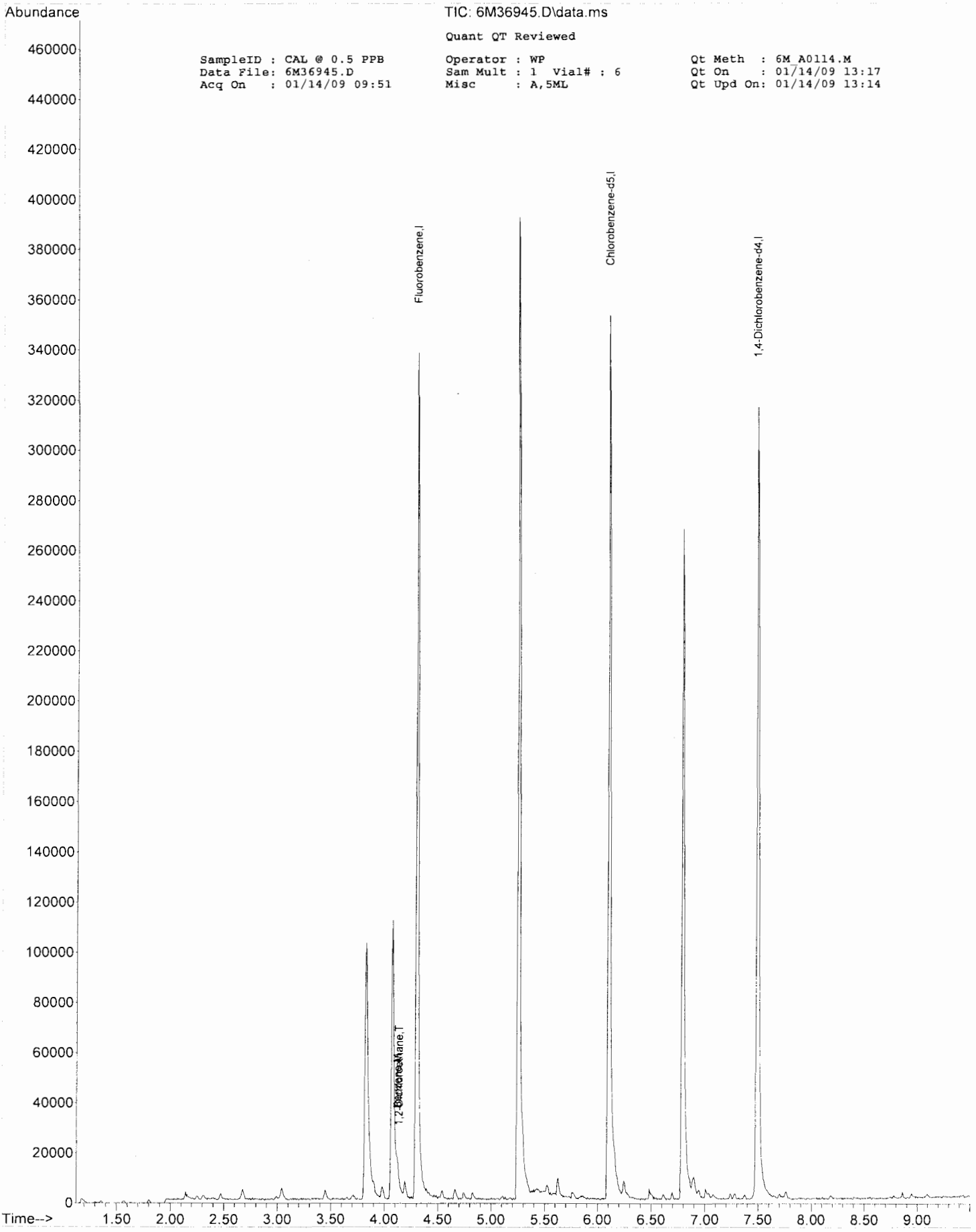
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/14/09 13:17
Qt Upd On: 01/14/09 13:14

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	0.000		0	N.D.	d	
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
69) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
70) 1,4-Dichlorobenzene	0.000		0	N.D.	d	
71) 1,2-Dichlorobenzene	0.000		0	N.D.	d	
72) Isopropylbenzene	0.000		0	N.D.	d	
73) Cyclohexanone	0.000		0	N.D.	d	
74) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
75) 2-Chlorotoluene	0.000		0	N.D.	d	
76) p-Ethyltoluene	0.000		0	N.D.	d	
77) 4-Chlorotoluene	0.000		0	N.D.	d	
78) n-Propylbenzene	0.000		0	N.D.	d	
79) Bromobenzene	0.000		0	N.D.	d	
80) 1,3,5-Trimethylbenzene	0.000		0	N.D.	d	
81) t-Butylbenzene	0.000		0	N.D.	d	
82) 1,2,4-Trimethylbenzene	0.000		0	N.D.	d	
83) sec-Butylbenzene	0.000		0	N.D.	d	
84) 4-Isopropyltoluene	0.000		0	N.D.	d	
85) n-Butylbenzene	0.000		0	N.D.	d	
86) p-Diethylbenzene	0.000		0	N.D.	d	
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D.	d	
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.		
89) Hexachlorobutadiene	0.000		0	N.D.	d	
90) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
91) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d	
92) Naphthalene	0.000		0	N.D.	d	

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


Abundance
TIC: 6M36945.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 6M36945.D
Acq On : 01/14/09 09:51
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/14/09 13:17
Qt Upd On: 01/14/09 13:14
Fluorobenzene,I
Chlorobenzene-d5,I
1,4-Dichlorobenzene-d4,I
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M58073.D **Instrument:** GCMS 3

Cont Calibration Date/Time 1/8/2009 6:49:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.61	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.34	22.28				0.621			
Dichlorodifluoromethane	1	0		1.33	17.28	20			0.355	0.307	13.60	
Chloromethane	1	0	CP	1.48	20.74	20	0.1		0.233	0.241	3.70	
Bromomethane	1	0		1.78	24.08	20			0.088	0.106	20.40	
Vinyl Chloride	1	0	CC	1.53	20.37	20	20		0.215	0.218	1.85	
Chloroethane	1	0		1.86	21.43	20			0.086	0.092	7.15	
Trichlorofluoromethane	1	0		2.04	22.40	20			0.180	0.202	12.00	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.43	19.76	20			0.189	0.190	1.20	
Methylene Chloride	1	0		2.81	20.87	20			0.294	0.307	4.35	
Acrolein	1	0		2.38	100.61	100			0.027	0.025	0.61	
Acrylonitrile	1	0		3.02	23.36	20			0.168	0.172	16.80	
Iodomethane	1	0		2.56	26.63	20			0.367	0.415	33.15	
Acetone	1	0		2.49	87.48	100			0.182	0.159	12.52	
Carbon Disulfide	1	0		2.61	17.67	20			0.661	0.592	11.65	
t-Butyl Alcohol	1	0		2.91	75.51	100			0.021	0.018	24.49	
n-Hexane	1	0		3.22	16.87	20			0.141	0.135	15.65	
Di-isopropyl-ether	1	0		3.41	19.91	20			1.421	1.415	0.45	
1.1-Dichloroethene	1	0	CC	2.44	20.24	20	20		0.557	0.543	1.20	
Methyl Acetate	1	0		2.73	17.56	20			0.538	0.472	12.20	
Methyl-t-butyl ether	1	0		3.03	18.59	20			0.447	0.416	7.05	
1.1-Dichloroethane	1	0	CP	3.36	20.78	20	0.1		0.590	0.612	3.90	
trans-1.2-Dichloroethene	1	0		3.02	21.83	20			0.238	0.260	9.15	
cis-1.2-Dichloroethene	1	0		3.83	20.52	20			0.599	0.615	2.60	
Bromochloromethane	1	0		4.01	18.96	20			0.467	0.431	5.20	
2.2-Dichloropropane	1	0		3.83	15.80	20			0.233	0.214	21.00	
1.4-Dioxane	1	0		5.07	1037.46	1000			0.005	0.005	3.75	
1.1-Dichloropropene	1	0		4.31	22.43	20			0.392	0.435	12.15	
Chloroform	1	0	CC	4.07	20.87	20	20		0.550	0.574	4.35	
Dibromofluoromethane	1	0	S	4.18	30.66	30			0.308	0.315	2.20	
Cyclohexane	1	0		4.23	19.44	20			0.401	0.411	2.80	
1.2-Dichloroethane-d4	1	0	S	4.41	32.36	30			0.066	0.071	7.87	
1.2-Dichloroethane	1	0		4.46	20.51	20			0.585	0.600	2.55	
2-Butanone	1	0		3.85	20.15	20			0.311	0.295	0.75	
1.1.1-Trichloroethane	1	0		4.20	21.05	20			0.347	0.365	5.25	
Carbon Tetrachloride	1	0		4.31	22.16	20			0.277	0.315	10.80	
Vinyl Acetate	1	0		3.40	19.00	20			1.492	1.418	5.00	
Bromodichloromethane	1	0		5.14	21.05	20			0.469	0.494	5.25	
Methylcyclohexane	1	0		4.96	21.91	20			0.218	0.249	9.55	
Dibromomethane	1	0		5.06	22.82	20			0.291	0.332	14.10	
1.2-Dichloropropane	1	0	CC	4.98	20.88	20	20		0.404	0.422	4.40	
Trichloroethene	1	0		4.84	22.42	20			0.317	0.356	12.10	
Benzene	1	0		4.45	21.51	20			1.173	1.261	7.55	
tert-Amyl methyl ether	1	0		4.50	18.42	20			0.424	0.390	7.90	
Chlorobenzene-d5	1	0	I	6.44	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.10	19.84	20			0.449	0.445	0.80	
2-Chloroethylvinylether	1	0		5.31	14.23	20			0.242	0.230	28.85	
cis-1.3-Dichloropropene	1	0		5.41	17.02	20			0.588	0.596	14.90	
trans-1.3-Dichloropropene	1	0		5.74	15.15	20			0.528	0.503	24.25	
1.1.2-Trichloroethane	1	0		5.85	20.02	20			0.396	0.397	0.10	
1.2-Dibromoethane	1	0		6.18	20.92	20			0.427	0.447	4.60	
1.3-Dichloropropane	1	0		5.95	20.57	20			0.743	0.764	2.85	
4-Methyl-2-Pentanone	1	0		5.49	13.91	20			0.890	0.725	30.45	
2-Hexanone	1	0		5.98	13.99	20			0.683	0.553	30.05	
Tetrachloroethene	1	0		5.94	21.46	20			0.291	0.312	7.30	
Toluene-d8	1	0	S	5.57	29.27	30			0.827	0.806	2.43	
Toluene	1	0	CC	5.62	20.31	20	20		0.936	0.951	1.55	
1.1.1.2-Tetrachloroethane	1	0		6.50	21.40	20			0.302	0.323	7.00	
Chlorobenzene	1	0	CP	6.46	20.80	20	0.3		1.071	1.114	4.00	
1.4-Dichlorobenzene-d4	1	0	I	7.86	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.97	17.27	20	0.1		0.591	0.613	13.65	
Ethylbenzene	1	0	CC	6.50	21.55	20	20		0.677	0.759	7.75	
1.1.2.2-Tetrachloroethane	1	0	CP	7.21	21.72	20	0.3		1.222	1.327	8.60	
Bromofluorobenzene	1	0	S	7.14	30.68	30			0.922	0.943	2.27	
Styrene	1	0		6.83	23.95	20			1.864	2.231	19.75	
m&p-Xylenes	1	0		6.57	49.51	40			0.976	1.208	23.78	
o-Xylene	1	0		6.82	24.21	20			0.998	1.209	21.05	
trans-1.4-Dichloro-2-butene	1	0		7.24	24.05	20			0.444	0.533	20.25	
1.3-Dichlorobenzene	1	0		7.82	19.50	20			1.462	1.426	2.50	
1.4-Dichlorobenzene	1	0		7.88	23.21	20			1.607	1.512	16.05	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M58073.D **Instrument:** GCMS 3

Cont Calibration Date/Time 1/8/2009 6:49:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.13	22.08	20			1.529	1.432	10.40	
Isopropylbenzene	1	0		7.04	24.96	20			2.264	2.647	24.80	
Cyclohexanone	1	0		7.12	7.89				0.083			
1,2,3-Trichloropropane	1	0		7.25	22.17	20			1.273	1.411	10.85	
2-Chlorotoluene	1	0		7.36	22.11	20			1.738	1.921	10.55	
p-Ethyltoluene	1	0		7.35	28.32				1.852			
4-Chlorotoluene	1	0		7.42	23.58	20			1.636	1.929	17.90	
n-Propylbenzene	1	0		7.28	23.32	20			2.816	3.284	16.60	
Bromobenzene	1	0		7.25	21.07	20			2.108	2.220	5.35	
1,3,5-Trimethylbenzene	1	0		7.38	25.10	20			1.685	2.115	25.50	
t-Butylbenzene	1	0		7.60	22.22	20			1.495	1.670	11.10	
1,2,4-Trimethylbenzene	1	0		7.62	21.77	20			1.964	2.138	8.85	
sec-Butylbenzene	1	0		7.73	23.94	20			1.772	2.065	19.70	
4-Isopropyltoluene	1	0		7.80	21.79	20			1.436	1.580	8.95	
n-Butylbenzene	1	0		8.07	23.88	20			1.675	1.876	19.40	
p-Diethylbenzene	1	0		8.05	24.66				0.772			
1,2,4,5-Tetramethylbenzene	1	0		8.55	20.38				1.366			
1,2-Dibromo-3-Chloropropane	1	0		8.62	14.32	20			0.241	0.216	28.40	
Hexachlorobutadiene	1	0		9.25	17.79	20			0.354	0.315	11.05	
1,2,4-Trichlorobenzene	1	0		9.16	16.69	20			0.764	0.638	16.55	
1,2,3-Trichlorobenzene	1	0		9.50	16.49	20			0.813	0.671	17.55	
Naphthalene	1	0		9.34	16.32	20			2.418	1.973	18.40	
1,2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M58073.D Sam Mult : 1 Vial# : 2 Qt On : 01/08/09 07:03
Acq On : 01/ 8/09 06:49 Misc : A,5ML Qt Upd On: 01/05/09 10:28

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-08-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.613	96	236521	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.445	117	199710	30.00	ug/l	0.02
60) 1,4-Dichlorobenzene-d4	7.863	152	99589	30.00	ug/l	0.02
System Monitoring Compounds						
30) Dibromofluoromethane	4.180	111	74410	30.66	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.20%			
32) 1,2-Dichloroethane-d4	4.406	102	16825	32.36	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.87%			
56) Toluene-d8	5.568	100	161035	29.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.57%			
64) Bromofluorobenzene	7.144	174	93895	30.68	ug/l	0.02
Spiked Amount 30.000			Recovery = 102.27%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.343	51	109157	22.28	ug/l	61
3) Dichlorodifluoromethane	1.326	85	48358	17.28	ug/l	91
4) Chloromethane	1.476	50	38046	20.74	ug/l	89
5) Bromomethane	1.776	94	16752	24.08	ug/l	92
6) Vinyl Chloride	1.526	62	34452	20.37	ug/l	93
7) Chloroethane	1.859	64	14542	21.43	ug/l	95
8) Trichlorofluoromethane	2.043	101	31795	22.40	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.426	101	29976	19.76	ug/l	95
10) Methylene Chloride	2.811	84	48410	20.87	ug/l	91
11) Acrolein	2.377	56	19922	100.61	ug/l	99
12) Acrylonitrile	3.017	53	27139	23.36	ug/l	94
13) Iodomethane	2.564	142	65478	26.63	ug/l	96
14) Acetone	2.486	43	125369	87.48	ug/l	92
15) Carbon Disulfide	2.614	76	93341	17.67	ug/l	100
16) t-Butyl Alcohol	2.909	59	14265	75.51	ug/l	83
17) n-Hexane	3.224	57	21347	16.87	ug/l	79
18) Di-isopropyl-ether	3.411	45	223059	19.91	ug/l	80
19) 1,1-Dichloroethene	2.436	61	85598	20.24	ug/l	92
20) Methyl Acetate	2.732	43	74479	17.56	ug/l	100
21) Methyl-t-butyl ether	3.027	73	65553	18.59	ug/l	83
22) 1,1-Dichloroethane	3.362	63	96575	20.78	ug/l	98
23) trans-1,2-Dichloroethene	3.017	96	40966	21.83	ug/l	93
24) cis-1,2-Dichloroethene	3.835	61	96991	20.52	ug/l	83
25) Bromochloromethane	4.012	49	68030	18.96	ug/l	86
26) 2,2-Dichloropropane	3.835	77	33704	15.80	ug/l	95
27) 1,4-Dioxane	5.066	88	36769	1037.46	ug/l	73
28) 1,1-Dichloropropene	4.308	75	68534	22.43	ug/l	98
29) Chloroform	4.071	83	90518	20.87	ug/l	98
31) Cyclohexane	4.229	56	64739	19.44	ug/l	74
33) 1,2-Dichloroethane	4.455	62	94565	20.51	ug/l	96
34) 2-Butanone	3.855	43	46445	20.15	ug/l	79
35) 1,1,1-Trichloroethane	4.199	97	57561	21.05	ug/l	94
36) Carbon Tetrachloride	4.308	117	49627	22.16	ug/l	92
37) Vinyl Acetate	3.402	43	223606	19.00	ug/l	100
38) Bromodichloromethane	5.145	83	77856	21.05	ug/l	99
39) Methylcyclohexane	4.958	83	39236	21.91	ug/l	75
40) Dibromomethane	5.056	174	52305	22.82	ug/l	93
41) 1,2-Dichloropropane	4.977	63	66501	20.88	ug/l	99
42) Trichloroethene	4.839	130	56121	22.42	ug/l	98
43) Benzene	4.445	78	198850	21.51	ug/l	100
44) tert-Amyl methyl ether	4.505	73	61527	18.42	ug/l	91
46) Dibromochloromethane	6.100	129	59246	19.84	ug/l	95
47) 2-Chloroethylvinylether	5.312	63	30563	14.23	ug/l	84
48) cis-1,3-Dichloropropene	5.411	75	79388	17.02	ug/l	99
49) trans-1,3-Dichloropropene	5.736	75	67011	15.15	ug/l	98
50) 1,1,2-Trichloroethane	5.854	97	52831	20.02	ug/l	93
51) 1,2-Dibromoethane	6.179	107	59462	20.92	ug/l	93
52) 1,3-Dichloropropane	5.952	76	101684	20.57	ug/l	97
53) 4-Methyl-2-Pentanone	5.489	43	96513	13.91	ug/l	94
54) 2-Hexanone	5.982	43	73566	13.99	ug/l	88
55) Tetrachloroethene	5.942	164	41605	21.46	ug/l	94
57) Toluene	5.617	92	126584	20.31	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.504	133	43048	21.40	ug/l	85
59) Chlorobenzene	6.464	112	148272	20.80	ug/l	96
61) Bromoform	6.967	173	40717	17.27	ug/l	98
62) Ethylbenzene	6.504	106	50408	21.55	ug/l	80
63) 1,1,2,2-Tetrachloroethane	7.213	83	88130	21.72	ug/l	85
65) Styrene	6.829	104	148130	23.95	ug/l	93
66) m&p-Xylenes	6.573	106	160445	49.51	ug/l	92

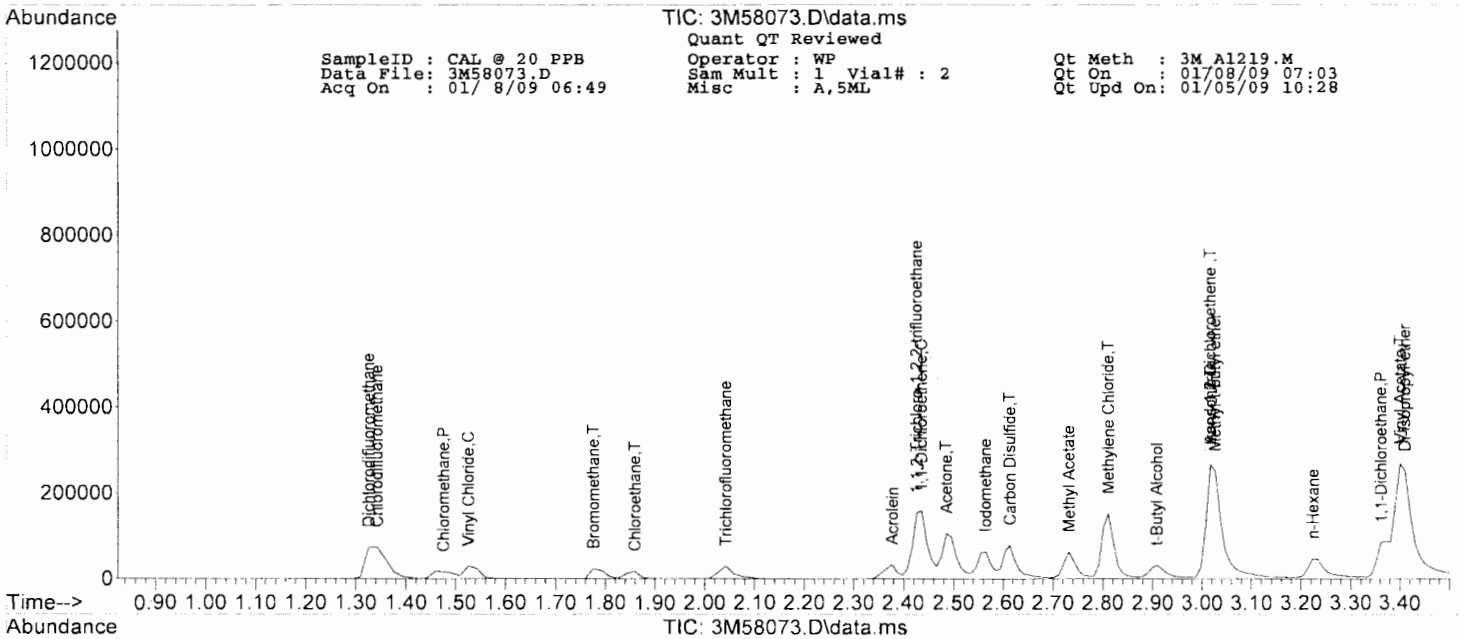
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A1219.M
Data File: 3M58073.D Sam Mult : 1 Vial# : 2 Qt On : 01/08/09 07:03
Acq On : 01/ 8/09 06:49 Misc : A,5ML Qt Upd On: 01/05/09 10:28

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-08-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.819	106	80256	24.21 ug/l	83
68)	trans-1,4-Dichloro-2-b...	7.242	53	35415	24.05 ug/l	49
69)	1,3-Dichlorobenzene	7.824	146	94648	19.50 ug/l	97
70)	1,4-Dichlorobenzene	7.883	146	100393	23.21 ug/l	94
71)	1,2-Dichlorobenzene	8.129	146	95060	22.08 ug/l	98
72)	Isopropylbenzene	7.036	105	175766	24.96 ug/l	98
73)	Cyclohexanone	7.124	55	2180m	7.89 ug/l	
74)	1,2,3-Trichloropropane	7.252	75	93671	22.17 ug/l	93
75)	2-Chlorotoluene	7.361	91	127560	22.11 ug/l	98
76)	p-Ethyltoluene	7.351	105	147723	28.32 ug/l	97
77)	4-Chlorotoluene	7.420	91	128048	23.58 ug/l	98
78)	n-Propylbenzene	7.282	91	218045	23.32 ug/l	100
79)	Bromobenzene	7.252	77	147400	21.07 ug/l	85
80)	1,3,5-Trimethylbenzene	7.380	105	140408m	25.10 ug/l	
81)	t-Butylbenzene	7.597	119	110855	22.22 ug/l	93
82)	1,2,4-Trimethylbenzene	7.617	105	141934	21.77 ug/l	96
83)	sec-Butylbenzene	7.725	105	137075	23.94 ug/l	96
84)	4-Isopropyltoluene	7.804	119	104876	21.79 ug/l	98
85)	n-Butylbenzene	8.070	91	124559	23.88 ug/l	98
86)	p-Diethylbenzene	8.050	119	61008	24.66 ug/l	98
87)	1,2,4,5-Tetramethylben...	8.552	119	96763	20.38 ug/l	94
88)	1,2-Dibromo-3-Chloropr...	8.621	157	14374	14.32 ug/l	92
89)	Hexachlorobutadiene	9.252	225	20924	17.79 ug/l	100
90)	1,2,4-Trichlorobenzene	9.163	180	42331	16.69 ug/l	97
91)	1,2,3-Trichlorobenzene	9.498	180	44528	16.49 ug/l	98
92)	Naphthalene	9.340	128	131016	16.32 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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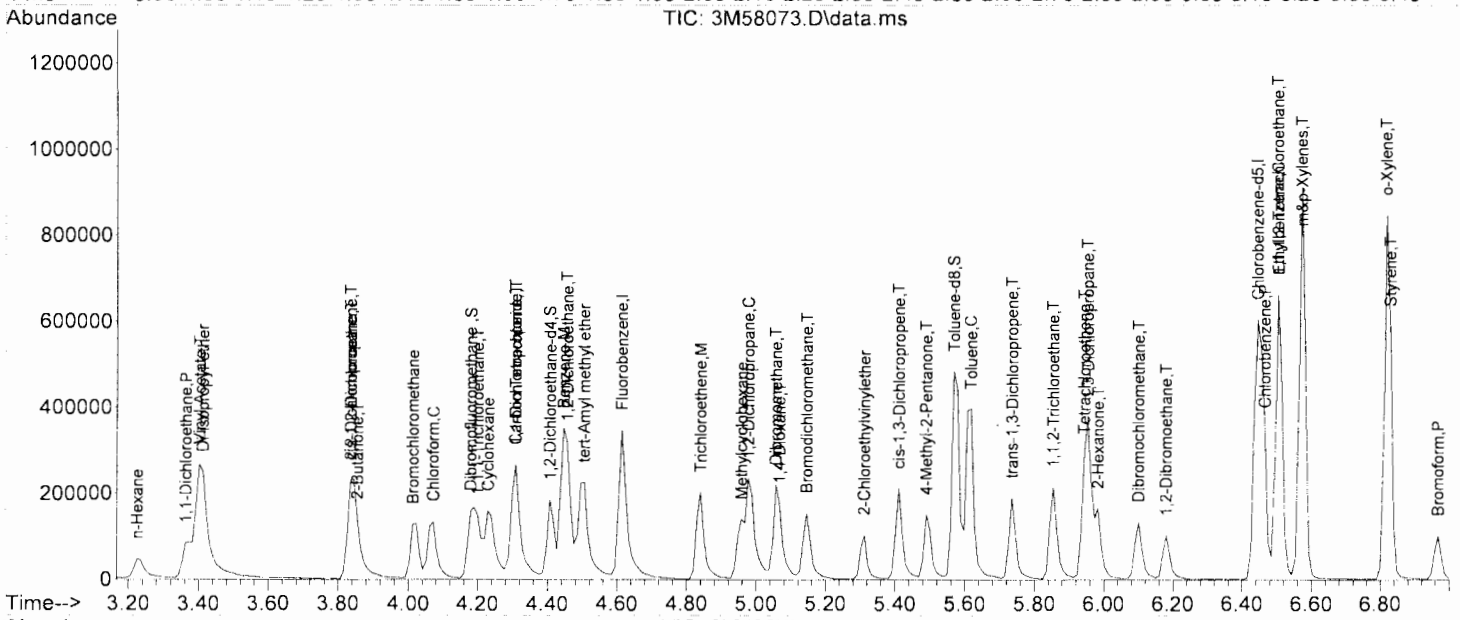
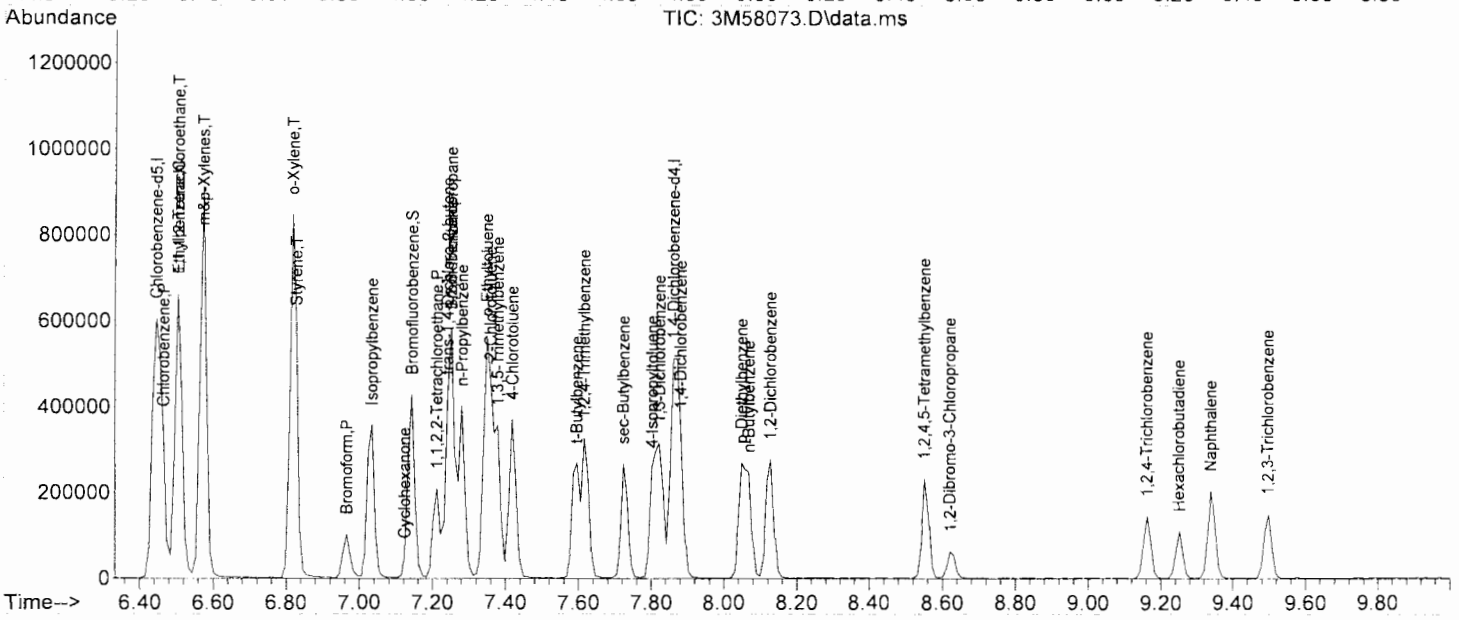
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 3M58073.D
Acq On : 01/ 8/09 06:49
Operator : WP
Sam Mult : 1 Vial# : 2
Misc : A,5ML
Qt Meth : 3M_A1219.M
Qt On : 01/08/09 07:03
Qt Upd On: 01/05/09 10:28
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1-Dichloroethene,C
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M58073.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Styrene,T
o-Xylene,T
Bromoform,P
Time-->


Abundance
TIC: 3M58073.D\data.ms
Chlorobenzene-d5,I
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M36998.D **Instrument:** GCMS 6

Cont Calibration Date/Time 1/15/2009 7:21:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.30	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.18	17.31				0.537			
Dichlorodifluoromethane	1	0		1.17	23.16	20			0.305	0.354	15.80	
Chloromethane	1	0	CP	1.30	21.47	20	0.1		0.253	0.272	7.35	
Bromomethane	1	0		1.57	22.06	20			0.166	0.183	10.30	
Vinyl Chloride	1	0	CC	1.35	22.09	20	20		0.241	0.266	10.45	
Chloroethane	1	0		1.63	22.19	20			0.139	0.154	10.95	
Trichlorofluoromethane	1	0		1.80	25.89	20			0.383	0.496	29.45	
1,1,2-Trichloro-1,2,2-trifluoroetha	1	0		2.14	23.49	20			0.181	0.212	17.45	
Methylene Chloride	1	0		2.47	21.68	20			0.253	0.274	8.40	
Acrolein	1	0		2.06	132.07	100			0.037	0.048	32.07	
Acrylonitrile	1	0		2.65	25.13	20			0.084	0.102	25.65	
Iodomethane	1	0		2.25	21.39	20			0.456	0.488	6.95	
Acetone	1	0		2.17	109.33	100			0.109	0.120	9.33	
Carbon Disulfide	1	0		2.30	21.25	20			0.706	0.750	6.25	
t-Butyl Alcohol	1	0		2.54	116.02	100			0.030	0.035	16.02	
n-Hexane	1	0		2.89	18.93	20			0.098	0.096	5.35	
Di-isopropyl-ether	1	0		3.04	19.77	20			0.993	0.982	1.15	
1,1-Dichloroethene	1	0	CC	2.14	22.37	20	20		0.427	0.477	11.85	
Methyl Acetate	1	0		2.40	20.24	20			0.270	0.273	1.20	
Methyl-t-butyl ether	1	0		2.67	20.61	20			0.715	0.737	3.05	
1,1-Dichloroethane	1	0	CP	2.99	21.20	20	0.1		0.530	0.562	6.00	
trans-1,2-Dichloroethene	1	0		2.68	22.71	20			0.208	0.236	13.55	
cis-1,2-Dichloroethene	1	0		3.45	21.89	20			0.476	0.521	9.45	
Bromochloromethane	1	0		3.64	21.29	20			0.250	0.266	6.45	
2,2-Dichloropropane	1	0		3.45	25.87	20			0.315	0.408	29.35	
1,4-Dioxane	1	0		4.74	1158.31	1000			0.004	0.005	15.83	
1,1-Dichloropropene	1	0		3.97	21.25	20			0.361	0.383	6.25	
Chloroform	1	0	CC	3.70	21.71	20	20		0.531	0.577	8.55	
Dibromofluoromethane	1	0	S	3.82	32.27	30			0.318	0.342	7.57	
Cyclohexane	1	0		3.90	20.10	20			0.276	0.277	0.50	
1,2-Dichloroethane-d4	1	0	S	4.07	31.50	30			0.203	0.213	5.00	
1,2-Dichloroethane	1	0		4.12	22.23	20			0.522	0.580	11.15	
2-Butanone	1	0		3.45	23.07	20			0.151	0.161	15.35	
1,1,1-Trichloroethane	1	0		3.85	21.81	20			0.417	0.455	9.05	
Carbon Tetrachloride	1	0		3.98	22.35	20			0.349	0.391	11.75	
Vinyl Acetate	1	0		3.03	22.72	20			0.943	1.072	13.60	
Bromodichloromethane	1	0		4.82	20.87	20			0.579	0.604	4.35	
Methylcyclohexane	1	0		4.65	21.49	20			0.220	0.217	7.45	
Dibromomethane	1	0		4.74	23.40	20			0.318	0.372	17.00	
1,2-Dichloropropane	1	0	CC	4.66	19.64	20	20		0.377	0.371	1.80	
Trichloroethene	1	0		4.53	23.03	20			0.322	0.371	15.15	
Benzene	1	0		4.12	20.54	20			1.026	1.053	2.70	
tert-Amyl methyl ether	1	0		4.19	20.57	20			0.777	0.799	2.85	
Chlorobenzene-d5	1	0	I	6.10	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		5.75	20.73	20			0.591	0.613	3.65	
2-Chloroethylvinylether	1	0		5.00	16.18	20			0.191	0.192	19.10	
cis-1,3-Dichloropropene	1	0		5.09	20.67	20			0.595	0.616	3.35	
trans-1,3-Dichloropropene	1	0		5.41	22.03	20			0.572	0.630	10.15	
1,1,2-Trichloroethane	1	0		5.52	20.78	20			0.403	0.419	3.90	
1,2-Dibromoethane	1	0		5.83	21.05	20			0.464	0.489	5.25	
1,3-Dichloropropane	1	0		4.66	20.44	20			0.215	0.219	2.20	
4-Methyl-2-Pentanone	1	0		5.17	21.19	20			0.459	0.486	5.95	
2-Hexanone	1	0		5.66	20.07	20			0.314	0.347	0.35	
Tetrachloroethene	1	0		5.62	20.89	20			0.334	0.349	4.45	
Toluene-d8	1	0	S	5.25	29.43	30			1.380	1.353	1.90	
Toluene	1	0	CC	5.29	20.37	20	20		0.849	0.864	1.85	
1,1,1,2-Tetrachloroethane	1	0		6.15	20.83	20			0.433	0.451	4.15	
Chlorobenzene	1	0	CP	6.12	20.67	20	0.3		1.007	1.041	3.35	
1,4-Dichlorobenzene-d4	1	0	I	7.49	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.61	20.95	20	0.1		0.882	0.924	4.75	
Ethylbenzene	1	0	CC	6.17	20.41	20	20		0.582	0.594	2.05	
1,1,2,2-Tetrachloroethane	1	0	CP	6.85	20.41	20	0.3		1.127	1.150	2.05	
Bromofluorobenzene	1	0	S	6.79	29.55	30			0.957	0.943	1.50	
Styrene	1	0		6.48	24.52	20			1.654	1.808	22.60	
m&p-Xylenes	1	0		6.24	41.97	40			0.918	0.963	4.93	
o-Xylene	1	0		6.47	20.17	20			0.945	0.953	0.85	
trans-1,4-Dichloro-2-butene	1	0		6.88	22.07	20			0.291	0.322	10.35	
1,3-Dichlorobenzene	1	0		7.45	20.78	20			1.290	1.341	3.90	
1,4-Dichlorobenzene	1	0		7.51	20.67	20			1.407	1.454	3.35	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M36998.D **Instrument:** GCMS 6

Cont Calibration Date/Time 1/15/2009 7:21:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Dichlorobenzene	1	0		7.74	20.65	20			1.426	1.472	3.25	
Isopropylbenzene	1	0		6.68	23.21	20			1.902	1.983	16.05	
Cyclohexanone	1	0		6.76	7.65				0.074			
1.2.3-Trichloropropane	1	0		6.88	25.40	20			1.461	1.414	27.00	
2-Chlorotoluene	1	0		7.00	21.64	20			1.498	1.620	8.20	
p-Ethyltoluene	1	0		7.00	27.76				1.490			
4-Chlorotoluene	1	0		7.06	20.58	20			1.397	1.479	2.90	
n-Propylbenzene	1	0		6.93	20.57	20			2.296	2.361	2.85	
Bromobenzene	1	0		6.89	26.40	20			1.906	1.947	32.00	
1.3.5-Trimethylbenzene	1	0		7.03	20.30	20			1.738	1.764	1.50	
t-Butylbenzene	1	0		7.24	22.95	20			1.359	1.419	14.75	
1.2.4-Trimethylbenzene	1	0		7.26	22.08	20			1.703	1.880	10.40	
sec-Butylbenzene	1	0		7.37	22.88	20			1.541	1.640	14.40	
4-Isopropyltoluene	1	0		7.45	22.92	20			1.251	1.383	14.60	
n-Butylbenzene	1	0		7.70	23.39	20			1.533	1.647	16.95	
p-Diethylbenzene	1	0		7.68	20.57				0.703			
1.2.4.5-Tetramethylbenzene	1	0		8.17	18.64				1.258			
1.2-Dibromo-3-Chloropropane	1	0		8.22	21.17	20			0.305	0.323	5.85	
Hexachlorobutadiene	1	0		8.85	22.81	20			0.427	0.356	14.05	
1.2.4-Trichlorobenzene	1	0		8.76	19.56	20			0.649	0.635	2.20	
1.2.3-Trichlorobenzene	1	0		9.08	19.36	20			0.731	0.708	3.20	
Naphthalene	1	0		8.92	19.76	20			2.264	2.191	1.20	
1.2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 6M36998.D
Acq On : 01/15/09 07:21

Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/15/09 07:34
Qt Upd On: 01/14/09 13:38

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-15-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.298	96	220869	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.101	117	192739	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.488	152	111970	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.824	111	75453	32.27	ug/l	-0.01
Spiked Amount 30.000			Recovery = 107.57%			
32) 1,2-Dichloroethane-d4	4.070	67	46968	31.50	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.00%			
56) Toluene-d8	5.247	98	260866	29.43	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.10%			
64) Bromofluorobenzene	6.785	174	105589	29.55	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.50%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.180	51	68446	17.31	ug/l	85
3) Dichlorodifluoromethane	1.169	85	52056	23.16	ug/l	92
4) Chloromethane	1.295	50	39982	21.47	ug/l	94
5) Bromomethane	1.566	94	26965	22.06	ug/l	82
6) Vinyl Chloride	1.353	62	39133	22.09	ug/l	94
7) Chloroethane	1.629	64	22738	22.19	ug/l	96
8) Trichlorofluoromethane	1.796	101	73027	25.89	ug/l	82
9) 1,1,2-Trichloro-1,2,2-...	2.141	101	31233	23.49	ug/l	95
10) Methylene Chloride	2.472	84	40377	21.68	ug/l	93
11) Acrolein	2.063	56	35706	132.07	ug/l	93
12) Acrylonitrile	2.646	53	14995	25.13	ug/l	98
13) Iodomethane	2.250	142	71809	21.39	ug/l	100
14) Acetone	2.165	43	88045	109.33	ug/l	99
15) Carbon Disulfide	2.304	76	110376	21.25	ug/l	100
16) t-Butyl Alcohol	2.538	59	25863	116.02	ug/l	91
17) n-Hexane	2.886	57	14082	18.93	ug/l	92
18) Di-isopropyl-ether	3.037	45	144598	19.77	ug/l	99
19) 1,1-Dichloroethene	2.141	61	70288	22.37	ug/l	97
20) Methyl Acetate	2.400	43	40248	20.24	ug/l	100
21) Methyl-t-butyl ether	2.670	73	108465	20.61	ug/l	97
22) 1,1-Dichloroethane	2.989	63	82707	21.20	ug/l	100
23) trans-1,2-Dichloroethene	2.676	96	34744	22.71	ug/l	97
24) cis-1,2-Dichloroethene	3.445	61	76658	21.89	ug/l	91
25) Bromochloromethane	3.637	49	39216	21.29	ug/l	80
26) 2,2-Dichloropropane	3.445	77	60019	25.87	ug/l	96
27) 1,4-Dioxane	4.743	88	36987	1158.31	ug/l	84
28) 1,1-Dichloropropene	3.974	75	56407	21.25	ug/l	92
29) Chloroform	3.703	83	84953	21.71	ug/l	87
31) Cyclohexane	3.902	56	40849	20.10	ug/l	88
33) 1,2-Dichloroethane	4.124	62	85386	22.23	ug/l	98
34) 2-Butanone	3.451	43	23774	23.07	ug/l	97
35) 1,1,1-Trichloroethane	3.854	97	67000	21.81	ug/l	99
36) Carbon Tetrachloride	3.980	117	57500	22.35	ug/l	93
37) Vinyl Acetate	3.031	43	157793	22.72	ug/l	100
38) Bromodichloromethane	4.821	83	88993	20.87	ug/l	98
39) Methylcyclohexane	4.653	83	31895	21.49	ug/l	94
40) Dibromomethane	4.737	174	54781	23.40	ug/l	93
41) 1,2-Dichloropropane	4.659	63	54558	19.64	ug/l	89
42) Trichloroethene	4.533	130	54596	23.03	ug/l	94
43) Benzene	4.118	78	155109	20.54	ug/l	100
44) tert-Amyl methyl ether	4.190	73	117655	20.57	ug/l	99
46) Dibromochloromethane	5.752	129	78721	20.73	ug/l	95
47) 2-Chloroethylvinylether	4.995	63	24665	16.18	ug/l	81
48) cis-1,3-Dichloropropene	5.085	75	79095	20.67	ug/l	96
49) trans-1,3-Dichloropropene	5.410	75	80910	22.03	ug/l	94
50) 1,1,2-Trichloroethane	5.518	97	53802	20.78	ug/l	89
51) 1,2-Dibromoethane	5.830	107	62809	21.05	ug/l	89
52) 1,3-Dichloropropane	4.659	76	28172	20.44	ug/l	97
53) 4-Methyl-2-Pentanone	5.169	43	62450	21.19	ug/l	99
54) 2-Hexanone	5.656	43	44627	20.07	ug/l	94
55) Tetrachloroethene	5.620	164	44841	20.89	ug/l	97
57) Toluene	5.290	92	111042	20.37	ug/l	89
58) 1,1,1,2-Tetrachloroethane	6.155	133	58008	20.83	ug/l	77
59) Chlorobenzene	6.119	112	133761	20.67	ug/l	97
61) Bromoform	6.605	173	68958	20.95	ug/l	97
62) Ethylbenzene	6.173	106	44360	20.41	ug/l	80
63) 1,1,2,2-Tetrachloroethane	6.846	83	85818	20.41	ug/l	97
65) Styrene	6.479	104	134955	24.52	ug/l	97
66) m&p-Xylenes	6.239	106	143754	41.97	ug/l	94

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 6M36998.D
Acq On : 01/15/09 07:21

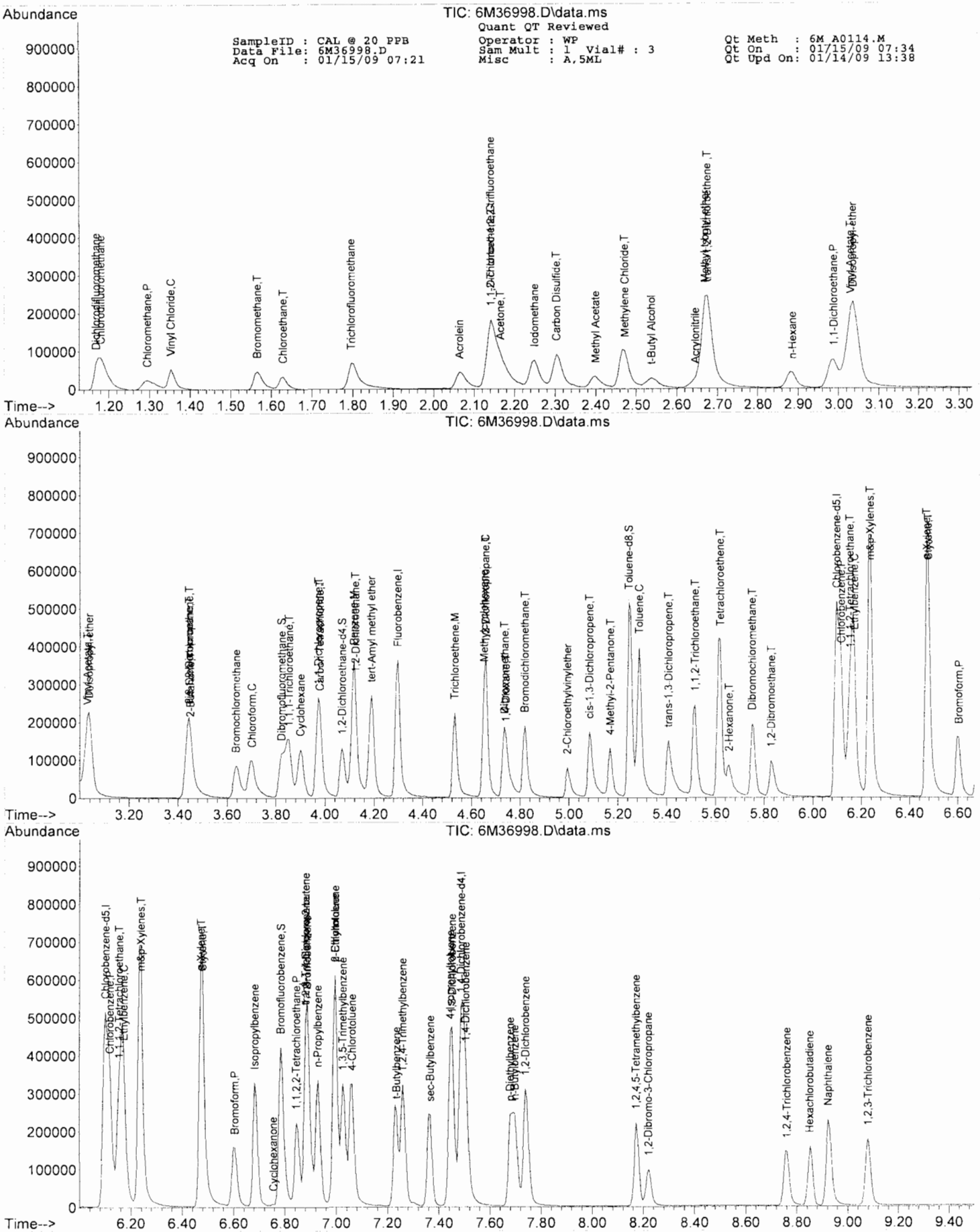
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/15/09 07:34
Qt Upd On: 01/14/09 13:38

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-15-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.473	106	71160	20.17 ug/l	84
68) trans-1,4-Dichloro-2-b...	6.882	53	24003	22.07 ug/l	51
69) 1,3-Dichlorobenzene	7.452	146	100072	20.78 ug/l	90
70) 1,4-Dichlorobenzene	7.506	146	108560	20.67 ug/l	90
71) 1,2-Dichlorobenzene	7.741	146	109852	20.65 ug/l	91
72) Isopropylbenzene	6.683	105	148041	23.21 ug/l	93
73) Cyclohexanone	6.755	55	1797	7.65 ug/l	69
74) 1,2,3-Trichloropropane	6.882	75	105527	25.40 ug/l	88
75) 2-Chlorotoluene	6.996	91	120955	21.64 ug/l	95
76) p-Ethyltoluene	6.996	105	128210	27.76 ug/l	82
77) 4-Chlorotoluene	7.062	91	110419	20.58 ug/l	90
78) n-Propylbenzene	6.930	91	176231	20.57 ug/l	93
79) Bromobenzene	6.888	77	145362	26.40 ug/l	91
80) 1,3,5-Trimethylbenzene	7.026	105	131692	20.30 ug/l	85
81) t-Butylbenzene	7.236	119	105926	22.95 ug/l	89
82) 1,2,4-Trimethylbenzene	7.260	105	140309	22.08 ug/l	91
83) sec-Butylbenzene	7.368	105	122425	22.88 ug/l	97
84) 4-Isopropyltoluene	7.446	119	103268	22.92 ug/l	92
85) n-Butylbenzene	7.699	91	122979	23.39 ug/l	80
86) p-Diethylbenzene	7.681	119	54435	20.57 ug/l	86
87) 1,2,4,5-Tetramethylben...	8.173	119	90117	18.64 ug/l	90
88) 1,2-Dibromo-3-Chloropr...	8.221	157	24099	21.17 ug/l	78
89) Hexachlorobutadiene	8.852	225	26587	22.81 ug/l	94
90) 1,2,4-Trichlorobenzene	8.762	180	47394	19.56 ug/l	96
91) 1,2,3-Trichlorobenzene	9.080	180	52816	19.36 ug/l	96
92) Naphthalene	8.924	128	163542	19.76 ug/l	100

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


Abundance
TIC: 6M36998.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M36998.D
Acq On : 01/15/09 07:21
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/15/09 07:34
Qt Upd On: 01/14/09 13:38
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 6M36998.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Time-->

Abundance
TIC: 6M36998.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M40594.D **Instrument:** GCMS 1

Cont Calibration Date/Time 1/15/2009 7:25:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.58	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.40	43.40				0.652			
Dichlorodifluoromethane	1	0		1.40	55.48	50			0.276	0.306	10.96	
Chloromethane	1	0	CP	1.52	61.13	50	0.1		0.211	0.233	22.26	
Bromomethane	1	0		1.83	68.79	50			0.055	0.059	37.58	
Vinyl Chloride	1	0	CC	1.60	58.53	50	20		0.137	0.160	17.06	
Chloroethane	1	0		1.90	66.28	50			0.070	0.070	32.56	
Trichlorofluoromethane	1	0		2.07	53.51	50			0.442	0.473	7.02	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.45	49.71	50			0.297	0.296	0.58	
Methylene Chloride	1	0		2.81	45.01	50			0.334	0.273	9.98	
Acrolein	1	0		2.39	89.34	250			0.043	0.015	64.26	
Acrylonitrile	1	0		3.01	38.28	50			0.085	0.065	23.44	
Iodomethane	1	0		2.57	46.90	50			0.332	0.312	6.20	
Acetone	1	0		2.51	215.36	250			0.070	0.057	13.86	
Carbon Disulfide	1	0		2.62	40.17	50			1.017	0.817	19.66	
t-Butyl Alcohol	1	0		2.46	268.85	250			0.005	0.005	7.54	
n-Hexane	1	0		3.22	45.24	50			0.454	0.411	9.52	
Di-isopropyl-ether	1	0		3.37	38.68	50			1.474	1.140	22.64	
1.1-Dichloroethene	1	0	CC	2.46	50.49	50	20		0.591	0.597	0.98	
Methyl Acetate	1	0		2.51	51.79	50			0.351	0.284	3.58	
Methyl-t-butyl ether	1	0		3.01	34.57	50			0.587	0.406	30.86	
1.1-Dichloroethane	1	0	CP	3.34	42.60	50	0.1		0.676	0.576	14.80	
trans-1.2-Dichloroethene	1	0		3.02	49.60	50			0.305	0.302	0.80	
cis-1.2-Dichloroethene	1	0		3.81	43.87	50			0.688	0.604	12.26	
Bromochloromethane	1	0		3.98	42.52	50			0.397	0.338	14.96	
2.2-Dichloropropane	1	0		3.81	51.00	50			0.413	0.421	2.00	
1.4-Dioxane	1	0		5.02	2428.69	2500			0.003	0.003	2.85	
1.1-Dichloropropene	1	0		4.27	45.39	50			0.511	0.464	9.22	
Chloroform	1	0	CC	4.03	47.48	50	20		0.562	0.534	5.04	
Dibromofluoromethane	1	0	S	4.14	33.69	75			0.217	0.243	12.30	
Cyclohexane	1	0		4.20	45.09	50			0.773	0.697	9.82	
1.2-Dichloroethane-d4	1	0	S	4.37	38.97	75			0.048	0.062	29.90	
1.2-Dichloroethane	1	0		4.42	41.95	50			0.459	0.385	16.10	
2-Butanone	1	0		3.82	41.87	50			0.114	0.096	16.26	
1.1.1-Trichloroethane	1	0		4.16	46.28	50			0.483	0.447	7.44	
Carbon Tetrachloride	1	0		4.27	46.41	50			0.446	0.414	7.18	
Vinyl Acetate	1	0		3.37	37.39	50			1.162	0.869	25.22	
Bromodichloromethane	1	0		5.10	45.13	50			0.518	0.467	9.74	
Methylcyclohexane	1	0		4.91	45.05	50			0.745	0.671	9.90	
Dibromomethane	1	0		5.02	44.13	50			0.261	0.231	11.74	
1.2-Dichloropropane	1	0	CC	4.94	40.38	50	20		0.455	0.367	19.24	
Trichloroethene	1	0		4.79	47.35	50			0.439	0.415	5.30	
Benzene	1	0		4.41	47.71	50			1.682	1.282	4.58	
tert-Amyl methyl ether	1	0		4.46	43.90	50			0.725	0.491	12.20	
Chlorobenzene-d5	1	0	I	6.39	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.04	42.80	50			0.429	0.367	14.40	
2-Chloroethylvinylether	1	0		5.27	40.84	50			0.127	0.104	18.32	
cis-1.3-Dichloropropene	1	0		5.36	44.51	50			0.592	0.527	10.98	
trans-1.3-Dichloropropene	1	0		5.69	42.83	50			0.473	0.405	14.34	
1.1.2-Trichloroethane	1	0		5.81	46.80	50			0.346	0.271	6.40	
1.2-Dibromoethane	1	0		6.12	41.88	50			0.297	0.249	16.24	
1.3-Dichloropropane	1	0		5.91	51.45	50			0.564	0.462	2.90	
4-Methyl-2-Pentanone	1	0		5.44	34.72	50			0.348	0.241	30.56	
2-Hexanone	1	0		5.93	36.58	50			0.236	0.173	26.84	
Tetrachloroethene	1	0		5.90	50.01	50			0.556	0.467	0.02	
Toluene-d8	1	0	S	5.52	28.65	75			0.870	0.831	4.50	
Toluene	1	0	CC	5.56	46.95	50	20		1.449	0.981	6.10	
1.1.1.2-Tetrachloroethane	1	0		6.45	49.27	50			0.440	0.361	1.46	
Chlorobenzene	1	0	CP	6.41	42.91	50	0.3		1.345	1.154	14.18	
1.4-Dichlorobenzene-d4	1	0	I	7.81	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.91	36.95	50	0.1		0.560	0.414	26.10	
Ethylbenzene	1	0	CC	6.46	48.38	50	20		0.922	0.707	3.24	
1.1.2.2-Tetrachloroethane	1	0	CP	7.16	35.30	50	0.3		0.753	0.531	29.40	
Bromofluorobenzene	1	0	S	7.09	27.18	75			0.908	0.822	9.40	
Styrene	1	0		6.77	40.36	50			2.255	1.820	19.28	
m&p-Xylenes	1	0		6.52	100.15	100			1.498	1.104	0.15	
o-Xylene	1	0		6.76	38.34	50			1.437	1.102	23.32	
trans-1.4-Dichloro-2-butene	1	0		7.19	50.20	50			0.250	0.197	0.40	
1.3-Dichlorobenzene	1	0		7.77	47.58	50			2.093	1.637	4.84	
1.4-Dichlorobenzene	1	0		7.82	53.50	50			1.998	1.594	7.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M40594.D **Instrument:** GCMS 1

Cont Calibration Date/Time 1/15/2009 7:25:00 A Method: EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.06	51.44	50			1.811	1.473	2.88	
Isopropylbenzene	1	0		6.98	40.71	50			3.858	3.141	18.58	
Cyclohexanone	1	0		7.07	16.94				0.063			
1,2,3-Trichloropropane	1	0		7.20	43.60	50			0.893	0.630	12.80	
2-Chlorotoluene	1	0		7.30	44.49	50			2.270	1.613	11.02	
p-Ethyltoluene	1	0		7.29	51.80				3.401			
4-Chlorotoluene	1	0		7.36	49.15	50			2.194	1.860	1.70	
n-Propylbenzene	1	0		7.23	48.40	50			4.865	3.879	3.20	
Bromobenzene	1	0		7.20	48.45	50			2.180	1.670	3.10	
1,3,5-Trimethylbenzene	1	0		7.33	46.76	50			3.219	2.599	6.48	
t-Butylbenzene	1	0		7.53	47.11	50			3.327	2.687	5.78	
1,2,4-Trimethylbenzene	1	0		7.56	46.91	50			3.708	2.764	6.18	
sec-Butylbenzene	1	0		7.67	47.79	50			4.438	3.552	4.42	
4-Isopropyltoluene	1	0		7.75	48.97	50			3.648	2.923	2.06	
n-Butylbenzene	1	0		8.01	47.70	50			4.633	3.564	4.60	
p-Diethylbenzene	1	0		7.99	37.93				2.470			
1,2,4,5-Tetramethylbenzene	1	0		8.49	36.36				3.982			
1,2-Dibromo-3-Chloropropane	1	0		8.57	34.88	50			0.168	0.117	30.24	
Hexachlorobutadiene	1	0		9.19	40.68	50			1.379	0.965	18.64	
1,2,4-Trichlorobenzene	1	0		9.10	48.12	50			1.711	1.280	3.76	
1,2,3-Trichlorobenzene	1	0		9.43	45.59	50			1.607	1.135	8.82	
Naphthalene	1	0		9.28	34.02	50			2.411	1.640	31.96	
1,2-Dioxane	1	100		0.00	0.00	5000				0.000	100.00	
Freon 113	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40594.D Sam Mult : 1 Vial# : 3 Qt On : 01/15/09 07:39
Acq On : 01/15/09 07:25 Misc : S,5G:.4 Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.575	96	295342	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.389	117	268882	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.808	152	168252	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.142	111	71811	33.69	ug/l	0.00
Spiked Amount 30.000			Recovery =	112.30%		
32) 1,2-Dichloroethane-d4	4.368	102	18286	38.97	ug/l	-0.01
Spiked Amount 30.000			Recovery =	129.90%		
56) Toluene-d8	5.521	100	223448	28.65	ug/l	-0.01
Spiked Amount 30.000			Recovery =	95.50%		
64) Bromofluorobenzene	7.089	174	138381	27.18	ug/l	0.00
Spiked Amount 30.000			Recovery =	90.60%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.399	51	278757	43.40	ug/l	48
3) Dichlorodifluoromethane	1.399	85	150780	55.48	ug/l	95
4) Chloromethane	1.517	50	114592	61.13	ug/l	98
5) Bromomethane	1.835	94	29185	68.79	ug/l	98
6) Vinyl Chloride	1.600	62	78827	58.53	ug/l	98
7) Chloroethane	1.902	64	34418	66.28	ug/l	97
8) Trichlorofluoromethane	2.069	101	232829	53.51	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.446	101	145508	49.71	ug/l	97
10) Methylene Chloride	2.811	84	134221	45.01	ug/l	91
11) Acrolein	2.387	56	38060	89.34	ug/l	99
12) Acrylonitrile	3.008	53	32137	38.28	ug/l	88
13) Iodomethane	2.575	142	153413	46.90	ug/l	99
14) Acetone	2.506	43	140455	215.36	ug/l	96
15) Carbon Disulfide	2.624	76	402325	40.17	ug/l	100
16) t-Butyl Alcohol	2.456	59	12699	268.85	ug/l	40
17) n-Hexane	3.215	57	202114	45.24	ug/l	86
18) Di-isopropyl-ether	3.373	45	561189	38.68	ug/l	85
19) 1,1-Dichloroethene	2.456	61	293897	50.49	ug/l	96
20) Methyl Acetate	2.506	43	139986	51.79	ug/l	100
21) Methyl-t-butyl ether	3.008	73	199831	34.57	ug/l	94
22) 1,1-Dichloroethane	3.343	63	283614	42.60	ug/l	99
23) trans-1,2-Dichloroethene	3.018	96	148752	49.60	ug/l	83
24) cis-1,2-Dichloroethene	3.807	61	297301	43.87	ug/l	89
25) Bromochloromethane	3.984	49	166133	42.52	ug/l	83
26) 2,2-Dichloropropane	3.807	77	207318	51.00	ug/l	95
27) 1,4-Dioxane	5.019	88	62641	2428.69	ug/l	82
28) 1,1-Dichloropropene	4.270	75	228271	45.39	ug/l	97
29) Chloroform	4.033	83	262611	47.48	ug/l	97
31) Cyclohexane	4.201	56	343273	45.09	ug/l	88
33) 1,2-Dichloroethane	4.418	62	189671	41.95	ug/l	98
34) 2-Butanone	3.816	43	47110	41.87	ug/l	95
35) 1,1,1-Trichloroethane	4.161	97	220036	46.28	ug/l	96
36) Carbon Tetrachloride	4.270	117	203807	46.41	ug/l	89
37) Vinyl Acetate	3.373	43	427689	37.39	ug/l	100
38) Bromodichloromethane	5.098	83	229927	45.13	ug/l	97
39) Methylcyclohexane	4.910	83	330357	45.05	ug/l	85
40) Dibromomethane	5.019	174	113464	44.13	ug/l	94
41) 1,2-Dichloropropane	4.940	63	180875	40.38	ug/l	96
42) Trichloroethene	4.792	130	204449	47.35	ug/l	92
43) Benzene	4.408	78	630860	47.71	ug/l	100
44) tert-Amyl methyl ether	4.457	73	241806	43.90	ug/l	88
46) Dibromochloromethane	6.044	129	164421	42.80	ug/l	96
47) 2-Chloroethylvinylether	5.265	63	46413	40.84	ug/l	98
48) cis-1,3-Dichloropropene	5.364	75	236116	44.51	ug/l	96
49) trans-1,3-Dichloropropene	5.689	75	181408	42.83	ug/l	97
50) 1,1,2-Trichloroethane	5.807	97	121349	46.80	ug/l	95
51) 1,2-Dibromoethane	6.123	107	111530	41.88	ug/l	94
52) 1,3-Dichloropropane	5.906	76	206857	51.45	ug/l	96
53) 4-Methyl-2-Pentanone	5.443	43	108178	34.72	ug/l	93
54) 2-Hexanone	5.926	43	77463	36.58	ug/l	92
55) Tetrachloroethene	5.896	164	209311	50.01	ug/l	99
57) Toluene	5.561	92	439410	46.95	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.448	133	161882	49.27	ug/l	92
59) Chlorobenzene	6.408	112	517181	42.91	ug/l	100
61) Bromoform	6.911	173	116136	36.95	ug/l	97
62) Ethylbenzene	6.458	106	198336	48.38	ug/l	95
63) 1,1,2,2-Tetrachloroethane	7.157	83	149024	35.30	ug/l	88
65) Styrene	6.773	104	510445	40.36	ug/l	96
66) m&p-Xylenes	6.517	106	618970	100.15	ug/l	98

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 1M40594.D
Acq On : 01/15/09 07:25

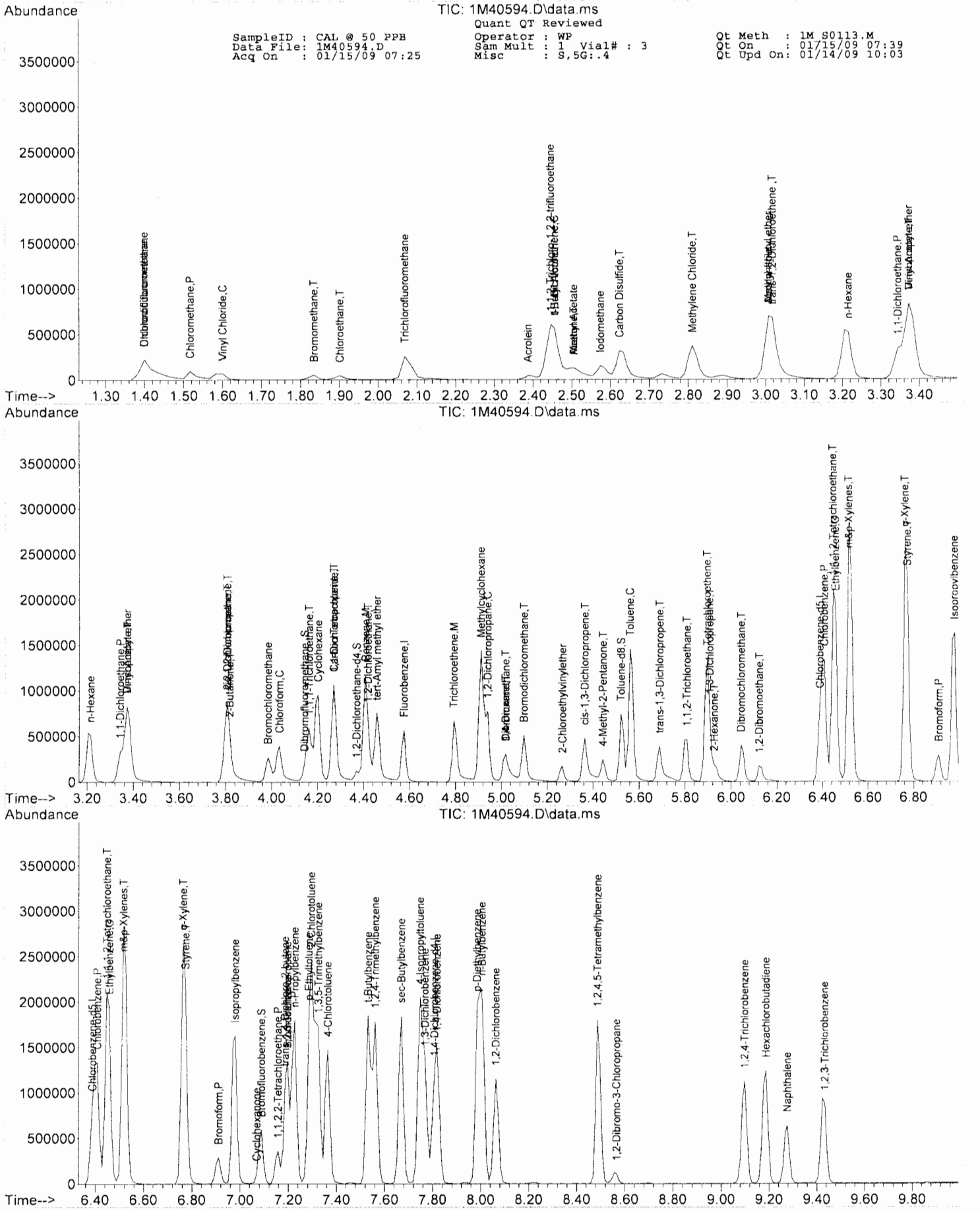
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : S,5G:.4

Qt Meth : 1M_S0113.M
Qt On : 01/15/09 07:39
Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.763	106	308937	38.34 ug/l	91
68) trans-1,4-Dichloro-2-b...	7.187	53	55214	50.20 ug/l	72
69) 1,3-Dichlorobenzene	7.769	146	459142	47.58 ug/l	98
70) 1,4-Dichlorobenzene	7.818	146	447039	53.50 ug/l	98
71) 1,2-Dichlorobenzene	8.064	146	413182	51.44 ug/l	99
72) Isopropylbenzene	6.980	105	880835	40.71 ug/l	97
73) Cyclohexanone	7.069	55	5253	16.94 ug/l	88
74) 1,2,3-Trichloropropane	7.197	75	176555	43.60 ug/l	93
75) 2-Chlorotoluene	7.295	91	452334	44.49 ug/l	97
76) p-Ethyltoluene	7.286	105	790417	51.80 ug/l	94
77) 4-Chlorotoluene	7.364	91	521509	49.15 ug/l	98
78) n-Propylbenzene	7.226	91	1087635	48.40 ug/l	94
79) Bromobenzene	7.197	77	468374	48.45 ug/l	92
80) 1,3,5-Trimethylbenzene	7.325	105	728916	46.76 ug/l	51
81) t-Butylbenzene	7.532	119	753365	47.11 ug/l	97
82) 1,2,4-Trimethylbenzene	7.562	105	775048	46.91 ug/l	96
83) sec-Butylbenzene	7.670	105	996071	47.79 ug/l	98
84) 4-Isopropyltoluene	7.749	119	819559	48.97 ug/l	96
85) n-Butylbenzene	8.005	91	999403	47.70 ug/l	95
86) p-Diethylbenzene	7.985	119	525391	37.93 ug/l	93
87) 1,2,4,5-Tetramethylben...	8.488	119	811976	36.36 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.567	157	32776	34.88 ug/l	99
89) Hexachlorobutadiene	9.188	225	270621	40.68 ug/l	98
90) 1,2,4-Trichlorobenzene	9.099	180	358821	48.12 ug/l	99
91) 1,2,3-Trichlorobenzene	9.434	180	318277	45.59 ug/l	97
92) Naphthalene	9.277	128	459982	34.02 ug/l	100

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


TIC: 1M40594.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M40594.D
Acq On : 01/15/09 07:25
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : S,5G:.4
Qt Meth : 1M_S0113.M
Qt On : 01/15/09 07:39
Qt Upd On: 01/14/09 10:03
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
n-Hexane
1,1-Dichloroethane,P
TIC: 1M40594.D\data.ms
n-Hexane
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
TIC: 1M40594.D\data.ms
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone,S
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
p-Ethyltoluene
1,3,5-Trimethylbenzene
4-Chlorotoluene
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
p-Isopropyltoluene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M58230.D **Instrument:** GCMS 3

Cont Calibration Date/Time 1/15/2009 7:39:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.59	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.34	15.65				0.657			
Dichlorodifluoromethane	1	0		1.32	18.26	20			0.285	0.260	8.70	
Chloromethane	1	0	CP	1.47	19.59	20	0.1		0.194	0.190	2.05	
Bromomethane	1	0		1.77	20.00	20			0.046	0.054	0.00	
Vinyl Chloride	1	0	CC	1.52	18.92	20	20		0.175	0.165	5.40	
Chloroethane	1	0		1.84	19.19	20			0.096	0.082	4.05	
Trichlorofluoromethane	1	0		2.02	19.62	20			0.188	0.184	1.90	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.41	20.92	20			0.180	0.188	4.60	
Methylene Chloride	1	0		2.79	18.87	20			0.279	0.263	5.65	
Acrolein	1	0		2.36	98.83	100			0.075	0.074	1.17	
Acrylonitrile	1	0		3.00	20.57	20			0.151	0.155	2.85	
Iodomethane	1	0		2.54	25.37	20			0.335	0.414	26.85	
Acetone	1	0		2.47	87.83	100			0.168	0.147	12.17	
Carbon Disulfide	1	0		2.59	17.94	20			0.858	0.769	10.30	
t-Butyl Alcohol	1	0		2.89	84.00	100			0.020	0.018	16.00	
n-Hexane	1	0		3.20	18.78	20			0.149	0.148	6.10	
Di-isopropyl-ether	1	0		3.38	21.45	20			1.318	1.413	7.25	
1.1-Dichloroethene	1	0	CC	2.42	19.59	20	20		0.494	0.484	2.05	
Methyl Acetate	1	0		2.71	17.85	20			0.467	0.416	10.75	
Methyl-t-butyl ether	1	0		3.00	22.13	20			0.425	0.471	10.65	
1.1-Dichloroethane	1	0	CP	3.34	20.04	20	0.1		0.549	0.550	0.20	
trans-1.2-Dichloroethene	1	0		3.00	20.87	20			0.223	0.232	4.35	
cis-1.2-Dichloroethene	1	0		3.81	20.82	20			0.539	0.561	4.10	
Bromochloromethane	1	0		3.99	18.64	20			0.424	0.395	6.80	
2.2-Dichloropropane	1	0		3.81	21.74	20			0.224	0.243	8.70	
1.4-Dioxane	1	0		5.04	955.59	1000			0.004	0.004	4.44	
1.1-Dichloropropene	1	0		4.29	21.34	20			0.394	0.420	6.70	
Chloroform	1	0	CC	4.04	20.16	20	20		0.502	0.506	0.80	
Dibromofluoromethane	1	0	S	4.16	31.86	30			0.298	0.317	6.20	
Cyclohexane	1	0		4.21	21.11	20			0.384	0.406	5.55	
1.2-Dichloroethane-d4	1	0	S	4.38	32.05	30			0.064	0.069	6.83	
1.2-Dichloroethane	1	0		4.43	19.77	20			0.536	0.530	1.15	
2-Butanone	1	0		3.83	19.80	20			0.283	0.280	1.00	
1.1.1-Trichloroethane	1	0		4.18	20.95	20			0.330	0.346	4.75	
Carbon Tetrachloride	1	0		4.29	21.56	20			0.287	0.309	7.80	
Vinyl Acetate	1	0		3.38	22.13	20			1.335	1.478	10.65	
Bromodichloromethane	1	0		5.12	18.01	20			0.463	0.417	9.95	
Methylcyclohexane	1	0		4.94	19.95	20			0.231	0.223	0.25	
Dibromomethane	1	0		5.04	21.80	20			0.298	0.272	9.00	
1.2-Dichloropropane	1	0	CC	4.96	19.11	20	20		0.386	0.369	4.45	
Trichloroethene	1	0		4.82	19.07	20			0.299	0.285	4.65	
Benzene	1	0		4.42	20.00	20			1.129	1.129	0.00	
tert-Amyl methyl ether	1	0		4.47	21.75	20			0.383	0.416	8.75	
Chlorobenzene-d5	1	0	I	6.41	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.07	18.60	20			0.469	0.436	7.00	
2-Chloroethylvinylether	1	0		5.29	19.14	20			0.228	0.247	4.30	
cis-1.3-Dichloropropene	1	0		5.39	17.42	20			0.609	0.584	12.90	
trans-1.3-Dichloropropene	1	0		5.71	15.94	20			0.548	0.513	20.30	
1.1.2-Trichloroethane	1	0		5.83	19.22	20			0.376	0.361	3.90	
1.2-Dibromoethane	1	0		6.15	18.84	20			0.453	0.427	5.80	
1.3-Dichloropropane	1	0		5.93	20.36	20			0.710	0.722	1.80	
4-Methyl-2-Pentanone	1	0		5.47	15.85	20			0.813	0.731	20.75	
2-Hexanone	1	0		5.96	14.89	20			0.622	0.531	25.55	
Tetrachloroethene	1	0		5.92	20.59	20			0.290	0.299	2.95	
Toluene-d8	1	0	S	5.55	29.60	30			0.836	0.825	1.33	
Toluene	1	0	CC	5.59	20.01	20	20		0.824	0.824	0.05	
1.1.1.2-Tetrachloroethane	1	0		6.47	20.49	20			0.311	0.319	2.45	
Chlorobenzene	1	0	CP	6.43	19.44	20	0.3		0.957	0.930	2.80	
1.4-Dichlorobenzene-d4	1	0	I	7.83	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.94	17.70	20	0.1		0.688	0.609	11.50	
Ethylbenzene	1	0	CC	6.48	22.28	20	20		0.572	0.637	11.40	
1.1.2.2-Tetrachloroethane	1	0	CP	7.18	18.59	20	0.3		1.167	1.085	7.05	
Bromofluorobenzene	1	0	S	7.12	28.25	30			0.919	0.865	5.83	
Styrene	1	0		6.80	20.91	20			1.616	1.690	4.55	
m&p-Xylenes	1	0		6.55	42.58	40			0.884	0.941	6.45	
o-Xylene	1	0		6.79	20.84	20			0.889	0.927	4.20	
trans-1.4-Dichloro-2-butene	1	0		7.21	20.58	20			0.464	0.477	2.90	
1.3-Dichlorobenzene	1	0		7.80	19.47	20			1.282	1.248	2.65	
1.4-Dichlorobenzene	1	0		7.85	18.81	20			1.371	1.289	5.95	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M58230.D **Instrument:** GCMS 3

Cont Calibration Date/Time 1/15/2009 7:39:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.10	18.60	20			1.298	1.207	7.00	
Isopropylbenzene	1	0		7.00	21.65	20			2.043	2.073	8.25	
Cyclohexanone	1	0		7.09	5.80				0.102			
1,2,3-Trichloropropane	1	0		7.22	19.30	20			1.225	1.182	3.50	
2-Chlorotoluene	1	0		7.33	21.49	20			1.503	1.615	7.45	
p-Ethyltoluene	1	0		7.32	21.27				1.753			
4-Chlorotoluene	1	0		7.40	18.66	20			1.540	1.437	6.70	
n-Propylbenzene	1	0		7.25	19.77	20			2.617	2.587	1.15	
Bromobenzene	1	0		7.22	19.91	20			1.792	1.783	0.45	
1,3,5-Trimethylbenzene	1	0		7.35	19.02	20			1.602	1.524	4.90	
t-Butylbenzene	1	0		7.57	21.71	20			1.366	1.416	8.55	
1,2,4-Trimethylbenzene	1	0		7.60	19.97	20			1.759	1.756	0.15	
sec-Butylbenzene	1	0		7.70	20.51	20			1.709	1.718	2.55	
4-Isopropyltoluene	1	0		7.78	21.70	20			1.312	1.328	8.50	
n-Butylbenzene	1	0		8.04	20.70	20			1.592	1.611	3.50	
p-Diethylbenzene	1	0		8.02	19.46				0.747			
1,2,4,5-Tetramethylbenzene	1	0		8.52	18.72				1.301			
1,2-Dibromo-3-Chloropropane	1	0		8.60	12.94	20			0.229	0.186	35.30	
Hexachlorobutadiene	1	0		9.22	20.14	20			0.386	0.299	0.70	
1,2,4-Trichlorobenzene	1	0		9.13	18.28	20			0.687	0.628	8.60	
1,2,3-Trichlorobenzene	1	0		9.47	18.34	20			0.709	0.634	8.30	
Naphthalene	1	0		9.31	17.95	20			2.056	1.888	10.25	
1,2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58230.D Sam Mult : 1 Vial# : 17 Qt On : 01/15/09 07:53
Acq On : 01/15/09 07:39 Misc : A,5ML Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-15-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	244041	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.414	117	185232	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.832	152	103427	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.158	111	77317	31.86	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.20%			
32) 1,2-Dichloroethane-d4	4.385	102	16757	32.05	ug/l	-0.01
Spiked Amount 30.000			Recovery = 106.83%			
56) Toluene-d8	5.547	100	152835	29.60	ug/l	-0.01
Spiked Amount 30.000			Recovery = 98.67%			
64) Bromofluorobenzene	7.123	174	89504	28.25	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.17%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.341	51	83677	15.65	ug/l	67
3) Dichlorodifluoromethane	1.324	85	42356	18.26	ug/l	89
4) Chloromethane	1.474	50	30936	19.59	ug/l	87
5) Bromomethane	1.775	94	8755	20.00	ug/l	99
6) Vinyl Chloride	1.524	62	26868	18.92	ug/l	91
7) Chloroethane	1.841	64	13261	19.19	ug/l	96
8) Trichlorofluoromethane	2.025	101	29942	19.62	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.405	101	30578	20.92	ug/l	94
10) Methylene Chloride	2.790	84	42849	18.87	ug/l	92
11) Acrolein	2.356	56	60447	98.83	ug/l	98
12) Acrylonitrile	2.996	53	25258	20.57	ug/l	95
13) Iodomethane	2.543	142	67428	25.37	ug/l	94
14) Acetone	2.474	43	119809	87.83	ug/l	95
15) Carbon Disulfide	2.593	76	125175	17.94	ug/l	100
16) t-Butyl Alcohol	2.888	59	14466	84.00	ug/l	85
17) n-Hexane	3.203	57	24004	18.78	ug/l	86
18) Di-isopropyl-ether	3.380	45	229912	21.45	ug/l	75
19) 1,1-Dichloroethene	2.415	61	78726	19.59	ug/l	82
20) Methyl Acetate	2.711	43	67754	17.85	ug/l	100
21) Methyl-t-butyl ether	2.996	73	76590	22.13	ug/l	89
22) 1,1-Dichloroethane	3.341	63	89442	20.04	ug/l	99
23) trans-1,2-Dichloroethene	2.996	96	37806	20.87	ug/l	89
24) cis-1,2-Dichloroethene	3.814	61	91228	20.82	ug/l	80
25) Bromochloromethane	3.991	49	64264	18.64	ug/l	82
26) 2,2-Dichloropropane	3.814	77	39571	21.74	ug/l	93
27) 1,4-Dioxane	5.035	88	30902	955.59	ug/l	53
28) 1,1-Dichloropropene	4.287	75	68333	21.34	ug/l	99
29) Chloroform	4.040	83	82243	20.16	ug/l	98
31) Cyclohexane	4.208	56	66100	21.11	ug/l	76
33) 1,2-Dichloroethane	4.434	62	86220	19.77	ug/l	100
34) 2-Butanone	3.833	43	45594	19.80	ug/l	81
35) 1,1,1-Trichloroethane	4.178	97	56320	20.95	ug/l	98
36) Carbon Tetrachloride	4.287	117	50301	21.56	ug/l	99
37) Vinyl Acetate	3.380	43	240415	22.13	ug/l	100
38) Bromodichloromethane	5.124	83	67882	18.01	ug/l	93
39) Methylcyclohexane	4.937	83	36343	19.95	ug/l	72
40) Dibromomethane	5.035	174	44306	21.80	ug/l	96
41) 1,2-Dichloropropane	4.956	63	60053	19.11	ug/l	100
42) Trichloroethene	4.818	130	46311	19.07	ug/l	91
43) Benzene	4.424	78	183629	20.00	ug/l	100
44) tert-Amyl methyl ether	4.474	73	67761	21.75	ug/l	95
46) Dibromochloromethane	6.069	129	53828	18.60	ug/l	100
47) 2-Chloroethylvinylether	5.291	63	30513	19.14	ug/l	82
48) cis-1,3-Dichloropropene	5.390	75	72104	17.42	ug/l	94
49) trans-1,3-Dichloropropene	5.715	75	63291	15.94	ug/l	98
50) 1,1,2-Trichloroethane	5.833	97	44611	19.22	ug/l	96
51) 1,2-Dibromoethane	6.148	107	52716	18.84	ug/l	98
52) 1,3-Dichloropropane	5.931	76	89205	20.36	ug/l	94
53) 4-Methyl-2-Pentanone	5.468	43	90275	15.85	ug/l	92
54) 2-Hexanone	5.961	43	65570	14.89	ug/l	88
55) Tetrachloroethene	5.921	164	36889	20.59	ug/l	94
57) Toluene	5.587	92	101757	20.01	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.473	133	39396	20.49	ug/l	82
59) Chlorobenzene	6.434	112	114895	19.44	ug/l	96
61) Bromoform	6.936	173	41998	17.70	ug/l	95
62) Ethylbenzene	6.483	106	43896	22.28	ug/l	79
63) 1,1,2,2-Tetrachloroethane	7.182	83	74801	18.59	ug/l	87
65) Styrene	6.798	104	116509	20.91	ug/l	98
66) m&p-Xylenes	6.552	106	129699	42.58	ug/l	97

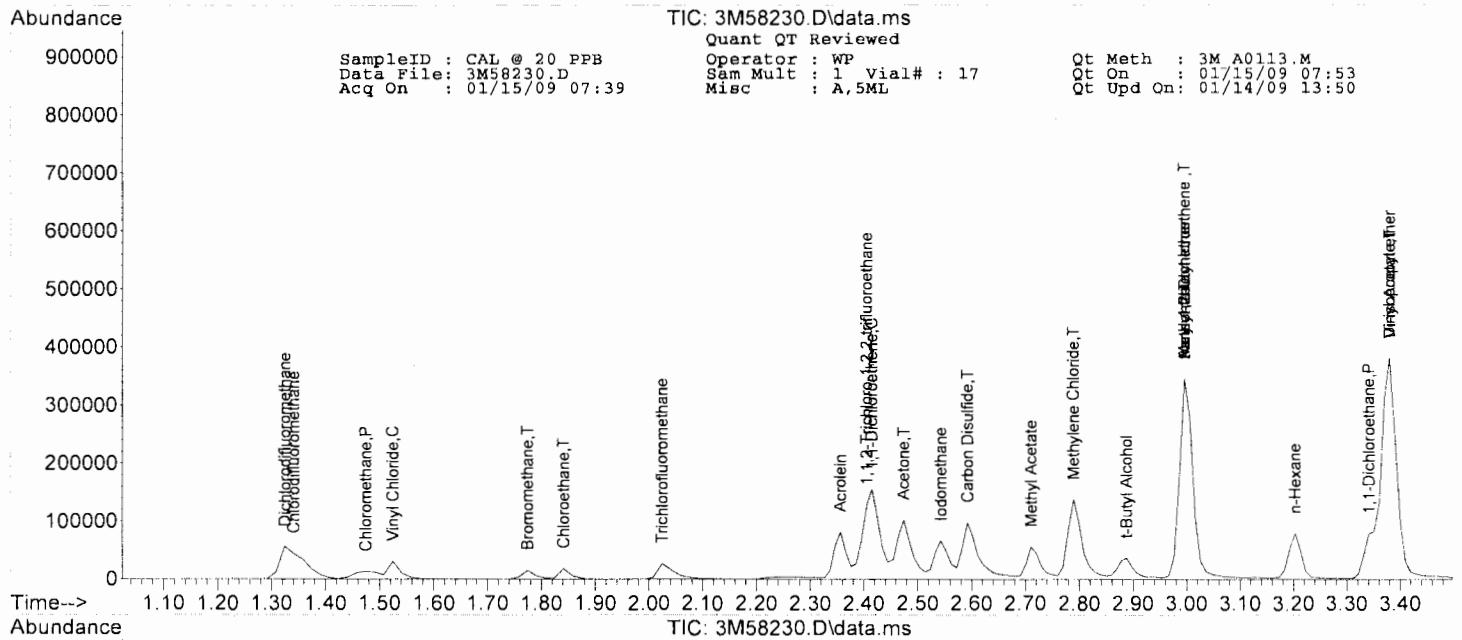
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58230.D Sam Mult : 1 Vial# : 17 Qt On : 01/15/09 07:53
Acq On : 01/15/09 07:39 Misc : A,5ML Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-15-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.788	106	63901	20.84 ug/l	75
68) trans-1,4-Dichloro-2-b...	7.212	53	32893	20.58 ug/l	42
69) 1,3-Dichlorobenzene	7.803	146	86061	19.47 ug/l	96
70) 1,4-Dichlorobenzene	7.852	146	88899	18.81 ug/l	95
71) 1,2-Dichlorobenzene	8.098	146	83248	18.60 ug/l	96
72) Isopropylbenzene	7.005	105	142963	21.65 ug/l	98
73) Cyclohexanone	7.093	55	2047m	5.80 ug/l	
74) 1,2,3-Trichloropropane	7.221	75	81472	19.30 ug/l	93
75) 2-Chlorotoluene	7.330	91	111369	21.49 ug/l	97
76) p-Ethyltoluene	7.320	105	128577	21.27 ug/l	95
77) 4-Chlorotoluene	7.399	91	99086	18.66 ug/l	99
78) n-Propylbenzene	7.251	91	178382	19.77 ug/l	97
79) Bromobenzene	7.221	77	122963	19.91 ug/l	84
80) 1,3,5-Trimethylbenzene	7.349	105	105081	19.02 ug/l	52
81) t-Butylbenzene	7.566	119	97631	21.71 ug/l	95
82) 1,2,4-Trimethylbenzene	7.596	105	121104	19.97 ug/l	96
83) sec-Butylbenzene	7.704	105	118465	20.51 ug/l	94
84) 4-Isopropyltoluene	7.783	119	91572	21.70 ug/l	98
85) n-Butylbenzene	8.039	91	111111	20.70 ug/l	98
86) p-Diethylbenzene	8.019	119	49824	19.46 ug/l	96
87) 1,2,4,5-Tetramethylben...	8.521	119	88087	18.72 ug/l	96
88) 1,2-Dibromo-3-Chloropr...	8.600	157	12827	12.94 ug/l	97
89) Hexachlorobutadiene	9.221	225	20583	20.14 ug/l	97
90) 1,2,4-Trichlorobenzene	9.132	180	43331	18.28 ug/l	98
91) 1,2,3-Trichlorobenzene	9.467	180	43689	18.34 ug/l	98
92) Naphthalene	9.309	128	130160	17.95 ug/l	100

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


Abundance
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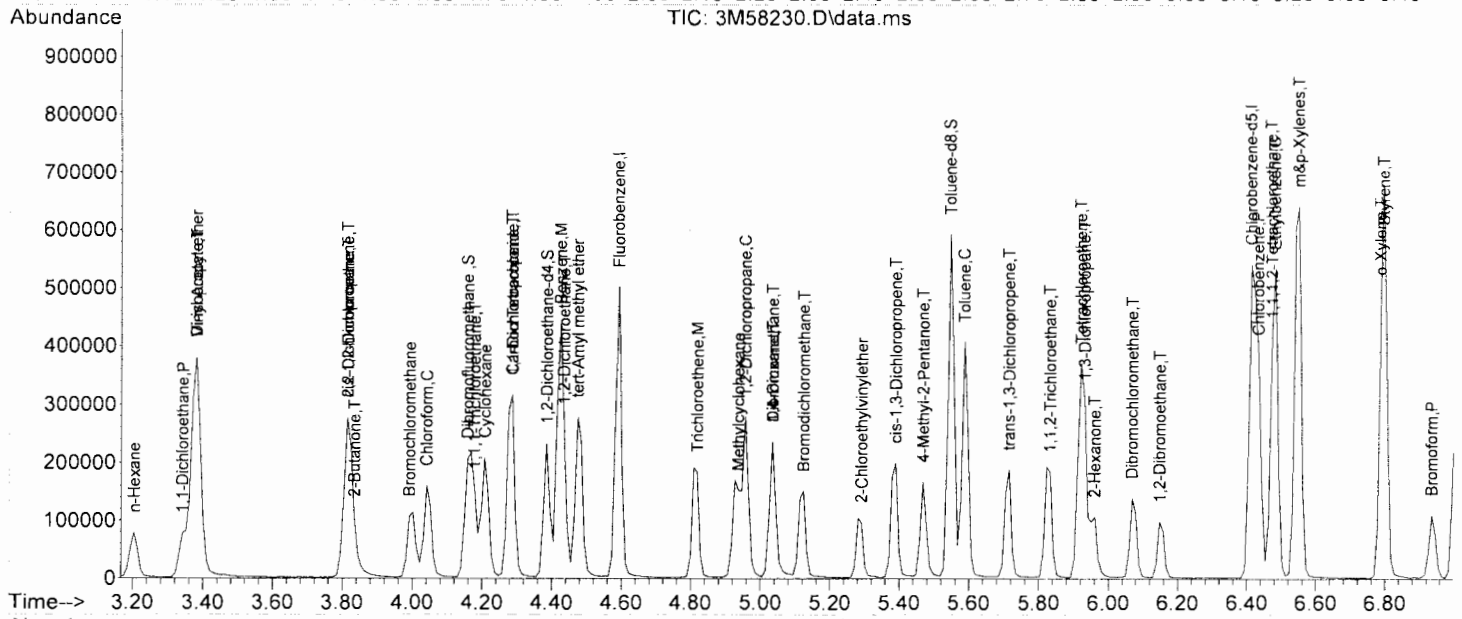
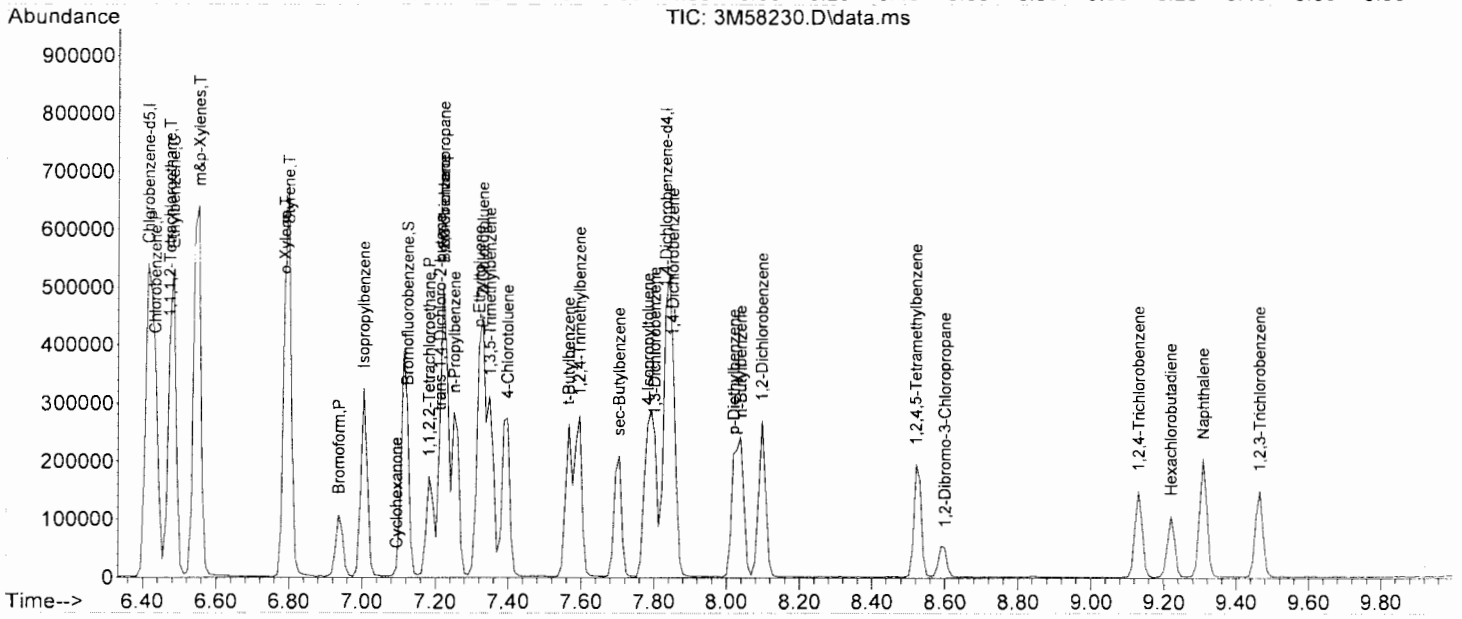
SampleID : CAL @ 20 PPB
Data File: 3M58230.D
Acq On : 01/15/09 07:39
Quant QT Reviewed
Operator : WP
Sam Mult : 1 Vial# : 17
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/15/09 07:53
Qt Upd On: 01/14/09 13:50
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1-Dichloroethene,C
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M58230.D\data.ms
n-Hexane
1,1-Dichloroethane,P
2-Butanone,T
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
2-Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Time-->


Abundance
TIC: 3M58230.D\data.ms
Chlorobenzene-d5,I
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Napthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M40624.D **Instrument:** GCMS 1

Cont Calibration Date/Time 1/15/2009 4:08:00 P **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.57	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.40	26.74				0.652			
Dichlorodifluoromethane	1	0		1.38	51.00	50			0.276	0.282	2.00	
Chloromethane	1	0	CP	1.52	52.36	50	0.1		0.211	0.199	4.72	
Bromomethane	1	0		1.83	65.22	50			0.055	0.056	30.44	
Vinyl Chloride	1	0	CC	1.58	58.10	50	20		0.137	0.159	16.20	
Chloroethane	1	0		1.90	67.28	50			0.070	0.071	34.56	
Trichlorofluoromethane	1	0		2.07	49.05	50			0.442	0.434	1.90	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.44	47.64	50			0.297	0.283	4.72	
Methylene Chloride	1	0		2.81	50.26	50			0.334	0.300	0.52	
Acrolein	1	0		2.39	103.43	250			0.043	0.018	58.63	
Acrylonitrile	1	0		3.00	43.76	50			0.085	0.075	12.48	
Iodomethane	1	0		2.57	47.96	50			0.332	0.319	4.08	
Acetone	1	0		2.51	271.81	250			0.070	0.069	8.72	
Carbon Disulfide	1	0		2.62	39.55	50			1.017	0.805	20.90	
t-Butyl Alcohol	1	0		2.46	274.69	250			0.005	0.005	9.88	
n-Hexane	1	0		3.21	45.95	50			0.454	0.417	8.10	
Di-isopropyl-ether	1	0		3.37	41.50	50			1.474	1.223	17.00	
1.1-Dichloroethene	1	0	CC	2.45	49.36	50	20		0.591	0.584	1.28	
Methyl Acetate	1	0		2.51	62.60	50			0.351	0.344	25.20	
Methyl-t-butyl ether	1	0		3.01	39.93	50			0.587	0.469	20.14	
1.1-Dichloroethane	1	0	CP	3.34	45.28	50	0.1		0.676	0.612	9.44	
trans-1.2-Dichloroethene	1	0		3.01	48.65	50			0.305	0.296	2.70	
cis-1.2-Dichloroethene	1	0		3.80	44.27	50			0.688	0.610	11.46	
Bromochloromethane	1	0		3.97	44.44	50			0.397	0.353	11.12	
2.2-Dichloropropane	1	0		3.80	51.26	50			0.413	0.423	2.52	
1.4-Dioxane	1	0		5.01	2593.17	2500			0.003	0.003	3.73	
1.1-Dichloropropene	1	0		4.26	42.76	50			0.511	0.437	14.48	
Chloroform	1	0	CC	4.02	46.36	50	20		0.562	0.521	7.28	
Dibromofluoromethane	1	0	S	4.14	31.07	75			0.217	0.224	3.57	
Cyclohexane	1	0		4.19	44.54	50			0.773	0.689	10.92	
1.2-Dichloroethane-d4	1	0	S	4.37	35.56	75			0.048	0.056	18.53	
1.2-Dichloroethane	1	0		4.42	42.79	50			0.459	0.393	14.42	
2-Butanone	1	0		3.82	43.69	50			0.114	0.100	12.62	
1.1.1-Trichloroethane	1	0		4.16	45.34	50			0.483	0.438	9.32	
Carbon Tetrachloride	1	0		4.27	44.33	50			0.446	0.395	11.34	
Vinyl Acetate	1	0		3.37	41.41	50			1.162	0.962	17.18	
Bromodichloromethane	1	0		5.10	44.45	50			0.518	0.460	11.10	
Methylcyclohexane	1	0		4.91	45.46	50			0.745	0.677	9.08	
Dibromomethane	1	0		5.02	44.72	50			0.261	0.234	10.56	
1.2-Dichloropropane	1	0	CC	4.93	41.38	50	20		0.455	0.376	17.24	
Trichloroethene	1	0		4.79	45.11	50			0.439	0.396	9.78	
Benzene	1	0		4.41	47.72	50			1.682	1.282	4.56	
tert-Amyl methyl ether	1	0		4.46	48.34	50			0.725	0.541	3.32	
Chlorobenzene-d5	1	0	I	6.39	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.04	49.08	50			0.429	0.421	1.84	
2-Chloroethylvinylether	1	0		5.26	53.36	50			0.127	0.135	6.72	
cis-1.3-Dichloropropene	1	0		5.36	50.06	50			0.592	0.593	0.12	
trans-1.3-Dichloropropene	1	0		5.68	49.06	50			0.473	0.464	1.88	
1.1.2-Trichloroethane	1	0		5.80	54.37	50			0.346	0.315	8.74	
1.2-Dibromoethane	1	0		6.12	48.55	50			0.297	0.289	2.90	
1.3-Dichloropropane	1	0		5.91	60.10	50			0.564	0.539	20.20	
4-Methyl-2-Pentanone	1	0		5.44	43.38	50			0.348	0.302	13.24	
2-Hexanone	1	0		5.93	47.18	50			0.236	0.223	5.64	
Tetrachloroethene	1	0		5.89	53.98	50			0.556	0.504	7.96	
Toluene-d8	1	0	S	5.52	30.60	75			0.870	0.888	2.00	
Toluene	1	0	CC	5.56	53.74	50	20		1.449	1.122	7.48	
1.1.1.2-Tetrachloroethane	1	0		6.45	53.73	50			0.440	0.394	7.46	
Chlorobenzene	1	0	CP	6.41	46.35	50	0.3		1.345	1.247	7.30	
1.4-Dichlorobenzene-d4	1	0	I	7.80	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.91	49.07	50	0.1		0.560	0.550	1.86	
Ethylbenzene	1	0	CC	6.45	52.77	50	20		0.922	0.771	5.54	
1.1.2.2-Tetrachloroethane	1	0	CP	7.15	47.07	50	0.3		0.753	0.709	5.86	
Bromofluorobenzene	1	0	S	7.09	28.82	75			0.908	0.872	3.93	
Styrene	1	0		6.76	47.25	50			2.255	2.131	5.50	
m&p-Xylenes	1	0		6.52	112.58	100			1.498	1.241	12.58	
o-Xylene	1	0		6.76	45.00	50			1.437	1.293	10.00	
trans-1.4-Dichloro-2-butene	1	0		7.18	65.16	50			0.250	0.256	30.32	
1.3-Dichlorobenzene	1	0		7.77	53.89	50			2.093	1.854	7.78	
1.4-Dichlorobenzene	1	0		7.82	63.15	50			1.998	1.882	26.30	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M40624.D **Instrument:** GCMS 1

Cont Calibration Date/Time 1/15/2009 4:08:00 P **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.06	60.46	50			1.811	1.732	20.92	
Isopropylbenzene	1	0		6.97	46.25	50			3.858	3.569	7.50	
Cyclohexanone	1	0		7.07	23.13				0.063			
1,2,3-Trichloropropane	1	0		7.19	56.87	50			0.893	0.821	13.74	
2-Chlorotoluene	1	0		7.30	55.69	50			2.270	2.019	11.38	
p-Ethyltoluene	1	0		7.29	61.23				3.401			
4-Chlorotoluene	1	0		7.36	50.86	50			2.194	1.925	1.72	
n-Propylbenzene	1	0		7.22	53.73	50			4.865	4.306	7.46	
Bromobenzene	1	0		7.19	59.43	50			2.180	2.049	18.86	
1,3,5-Trimethylbenzene	1	0		7.32	47.64	50			3.219	2.648	4.72	
t-Butylbenzene	1	0		7.53	53.12	50			3.327	3.029	6.24	
1,2,4-Trimethylbenzene	1	0		7.56	51.14	50			3.708	3.013	2.28	
sec-Butylbenzene	1	0		7.67	54.00	50			4.438	4.014	8.00	
4-Isopropyltoluene	1	0		7.75	52.61	50			3.648	3.140	5.22	
n-Butylbenzene	1	0		8.01	50.36	50			4.633	3.763	0.72	
p-Diethylbenzene	1	0		7.99	40.33				2.470			
1,2,4,5-Tetramethylbenzene	1	0		8.49	41.06				3.982			
1,2-Dibromo-3-Chloropropane	1	0		8.56	44.66	50			0.168	0.150	10.68	
Hexachlorobutadiene	1	0		9.18	45.13	50			1.379	1.071	9.74	
1,2,4-Trichlorobenzene	1	0		9.10	54.00	50			1.711	1.436	8.00	
1,2,3-Trichlorobenzene	1	0		9.42	51.48	50			1.607	1.282	2.96	
Naphthalene	1	0		9.27	39.19	50			2.411	1.890	21.62	
1,2-Dioxane	1	100		0.00	0.00	5000				0.000	100.00	
Freon 113	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (Not Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40624.D Sam Mult : 1 Vial# : 3 Qt On : 01/15/09 16:21
Acq On : 01/15/09 16:08 Misc : S,5G:.4 Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-1509\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.566	96	379743	30.00	ug/l	-0.01
45) Chlorobenzene-d5	6.389	117	305310	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.798	152	175801	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.142	111	85136	31.07	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.57%			
32) 1,2-Dichloroethane-d4	4.369	102	21454	35.56	ug/l	-0.01
Spiked Amount 30.000			Recovery = 118.53%			
56) Toluene-d8	5.522	100	270982	30.60	ug/l	-0.01
Spiked Amount 30.000			Recovery = 102.00%			
64) Bromofluorobenzene	7.089	174	153357	28.82	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.07%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.398	51	220841	26.74	ug/l	67
3) Dichlorodifluoromethane	1.381	85	178216	51.00	ug/l	96
4) Chloromethane	1.515	50	126204	52.36	ug/l	96
5) Bromomethane	1.833	94	35576	65.22	ug/l	95
6) Vinyl Chloride	1.582	62	100606	58.10	ug/l	98
7) Chloroethane	1.900	64	44921	67.28	ug/l	98
8) Trichlorofluoromethane	2.068	101	274399	49.05	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.437	101	179299	47.64	ug/l	96
10) Methylene Chloride	2.811	84	190087	50.26	ug/l	90
11) Acrolein	2.388	56	56655	103.43	ug/l	99
12) Acrylonitrile	2.999	53	47235	43.76	ug/l	87
13) Iodomethane	2.575	142	201728	47.96	ug/l	98
14) Acetone	2.506	43	218757	271.81	ug/l	97
15) Carbon Disulfide	2.624	76	509229	39.55	ug/l	100
16) t-Butyl Alcohol	2.457	59	16683	274.69	ug/l	41
17) n-Hexane	3.206	57	263930	45.95	ug/l	86
18) Di-isopropyl-ether	3.373	45	774175	41.50	ug/l	88
19) 1,1-Dichloroethene	2.447	61	369422	49.36	ug/l	93
20) Methyl Acetate	2.506	43	217567	62.60	ug/l	100
21) Methyl-t-butyl ether	3.008	73	296813	39.93	ug/l	93
22) 1,1-Dichloroethane	3.344	63	387592	45.28	ug/l	100
23) trans-1,2-Dichloroethene	3.008	96	187574	48.65	ug/l	75
24) cis-1,2-Dichloroethene	3.797	61	385821	44.27	ug/l	84
25) Bromochloromethane	3.974	49	223280	44.44	ug/l	70
26) 2,2-Dichloropropane	3.797	77	267944	51.26	ug/l	93
27) 1,4-Dioxane	5.009	88	85997	2593.17	ug/l	73
28) 1,1-Dichloropropene	4.260	75	276477	42.76	ug/l	95
29) Chloroform	4.024	83	329642	46.36	ug/l	95
31) Cyclohexane	4.191	56	436020	44.54	ug/l	88
33) 1,2-Dichloroethane	4.418	62	248760	42.79	ug/l	99
34) 2-Butanone	3.817	43	63205	43.69	ug/l	89
35) 1,1,1-Trichloroethane	4.162	97	277143	45.34	ug/l	98
36) Carbon Tetrachloride	4.270	117	250301	44.33	ug/l	92
37) Vinyl Acetate	3.373	43	609043	41.41	ug/l	100
38) Bromodichloromethane	5.098	83	291171	44.45	ug/l	95
39) Methylcyclohexane	4.911	83	428606	45.46	ug/l	85
40) Dibromomethane	5.019	174	147843	44.72	ug/l	95
41) 1,2-Dichloropropane	4.930	63	238283	41.38	ug/l	95
42) Trichloroethene	4.792	130	250441	45.11	ug/l	96
43) Benzene	4.408	78	811298	47.72	ug/l	100
44) tert-Amyl methyl ether	4.457	73	342385	48.34	ug/l	89
46) Dibromochloromethane	6.044	129	214065	49.08	ug/l	96
47) 2-Chloroethylvinylether	5.256	63	68855	53.36	ug/l	90
48) cis-1,3-Dichloropropene	5.364	75	301529	50.06	ug/l	98
49) trans-1,3-Dichloropropene	5.679	75	235942	49.06	ug/l	98
50) 1,1,2-Trichloroethane	5.798	97	160071	54.37	ug/l	97
51) 1,2-Dibromoethane	6.123	107	146807	48.55	ug/l	93
52) 1,3-Dichloropropane	5.906	76	274357	60.10	ug/l	96
53) 4-Methyl-2-Pentanone	5.443	43	153507	43.38	ug/l	95
54) 2-Hexanone	5.926	43	113436	47.18	ug/l	99
55) Tetrachloroethene	5.886	164	256521	53.98	ug/l	98
57) Toluene	5.561	92	571051	53.74	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.448	133	200470	53.73	ug/l	94
59) Chlorobenzene	6.409	112	634344	46.35	ug/l	100
61) Bromoform	6.911	173	161167	49.07	ug/l	99
62) Ethylbenzene	6.448	106	226048	52.77	ug/l	98
63) 1,1,2,2-Tetrachloroethane	7.148	83	207610	47.07	ug/l	87
65) Styrene	6.764	104	624389	47.25	ug/l	91
66) m&p-Xylenes	6.517	106	727035	112.58	ug/l	96

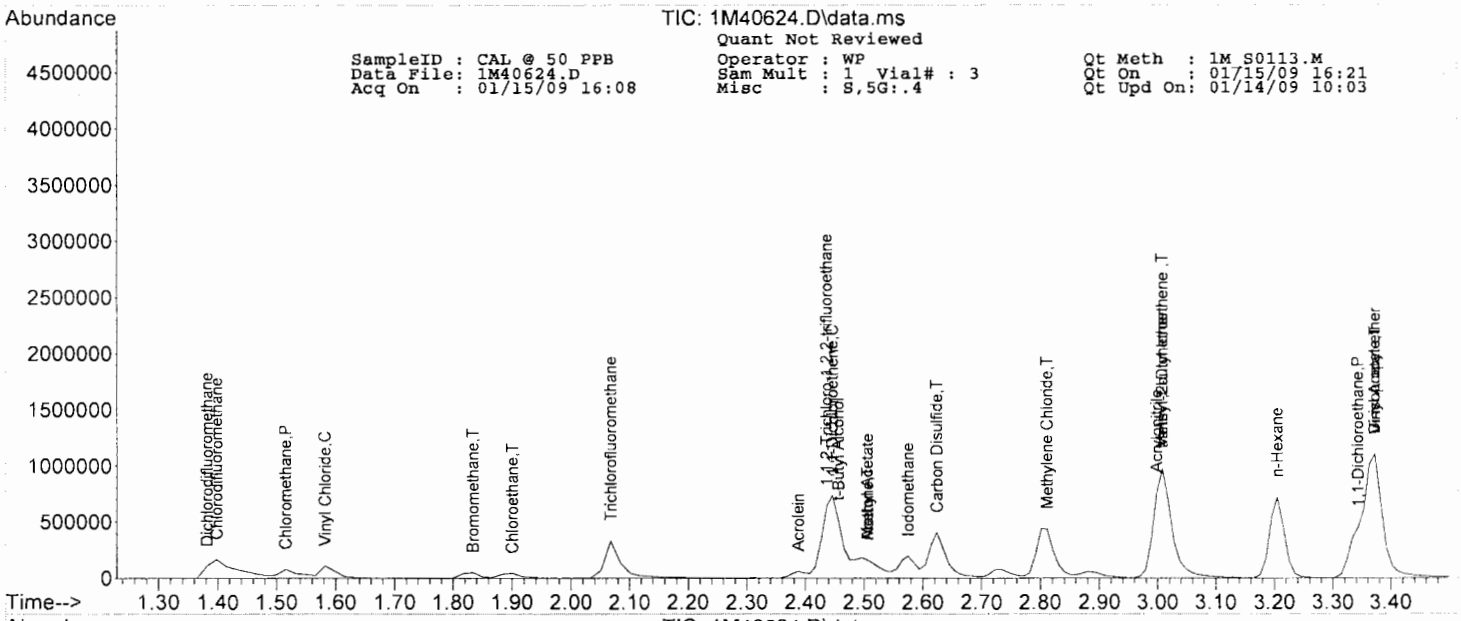
Quantitation Report (Not Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40624.D Sam Mult : 1 Vial# : 3 Qt On : 01/15/09 16:21
Acq On : 01/15/09 16:08 Misc : S,5G:.4 Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-1509\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.764	106	378833	45.00 ug/l	99
68)	trans-1,4-Dichloro-2-b...	7.177	53	74875	65.16 ug/l	72
69)	1,3-Dichlorobenzene	7.769	146	543313	53.89 ug/l	98
70)	1,4-Dichlorobenzene	7.818	146	551361	63.15 ug/l	98
71)	1,2-Dichlorobenzene	8.064	146	507429	60.46 ug/l	98
72)	Isopropylbenzene	6.970	105	1045612	46.25 ug/l	97
73)	Cyclohexanone	7.069	55	7494	23.13 ug/l	85
74)	1,2,3-Trichloropropane	7.187	75	240616	56.87 ug/l	93
75)	2-Chlorotoluene	7.296	91	591590	55.69 ug/l	98
76)	p-Ethyltoluene	7.286	105	967200	61.23 ug/l	98
77)	4-Chlorotoluene	7.365	91	563951	50.86 ug/l	96
78)	n-Propylbenzene	7.217	91	1261620	53.73 ug/l	93
79)	Bromobenzene	7.187	77	600214	59.43 ug/l	92
80)	1,3,5-Trimethylbenzene	7.315	105	775963	47.64 ug/l	43
81)	t-Butylbenzene	7.532	119	887508	53.12 ug/l	96
82)	1,2,4-Trimethylbenzene	7.562	105	882819	51.14 ug/l	90
83)	sec-Butylbenzene	7.670	105	1176094	54.00 ug/l	98
84)	4-Isopropyltoluene	7.749	119	920087	52.61 ug/l	95
85)	n-Butylbenzene	8.005	91	1102511	50.36 ug/l	94
86)	p-Diethylbenzene	7.986	119	583826	40.33 ug/l	95
87)	1,2,4,5-Tetramethylben...	8.488	119	958260	41.06 ug/l	97
88)	1,2-Dibromo-3-Chloropr...	8.557	157	43842	44.66 ug/l	97
89)	Hexachlorobutadiene	9.178	225	313661	45.13 ug/l	99
90)	1,2,4-Trichlorobenzene	9.099	180	420666	54.00 ug/l	98
91)	1,2,3-Trichlorobenzene	9.425	180	375507	51.48 ug/l	97
92)	Naphthalene	9.267	128	553653	39.19 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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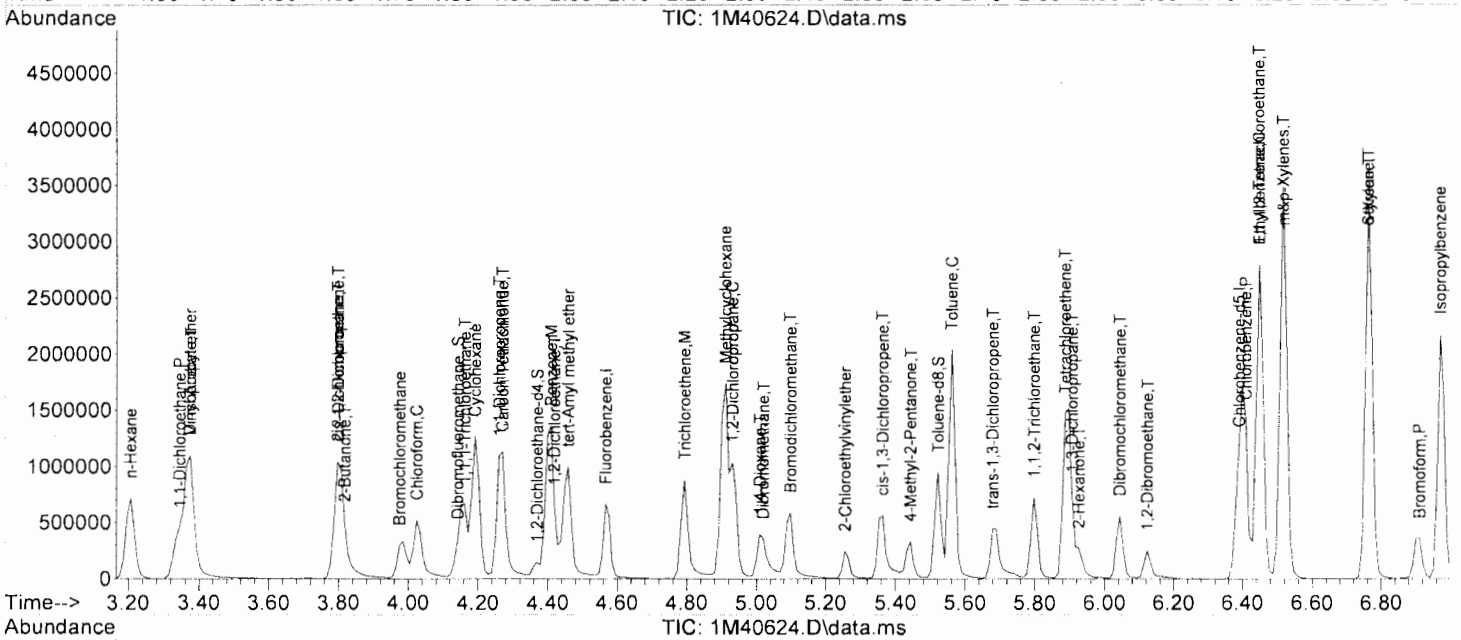
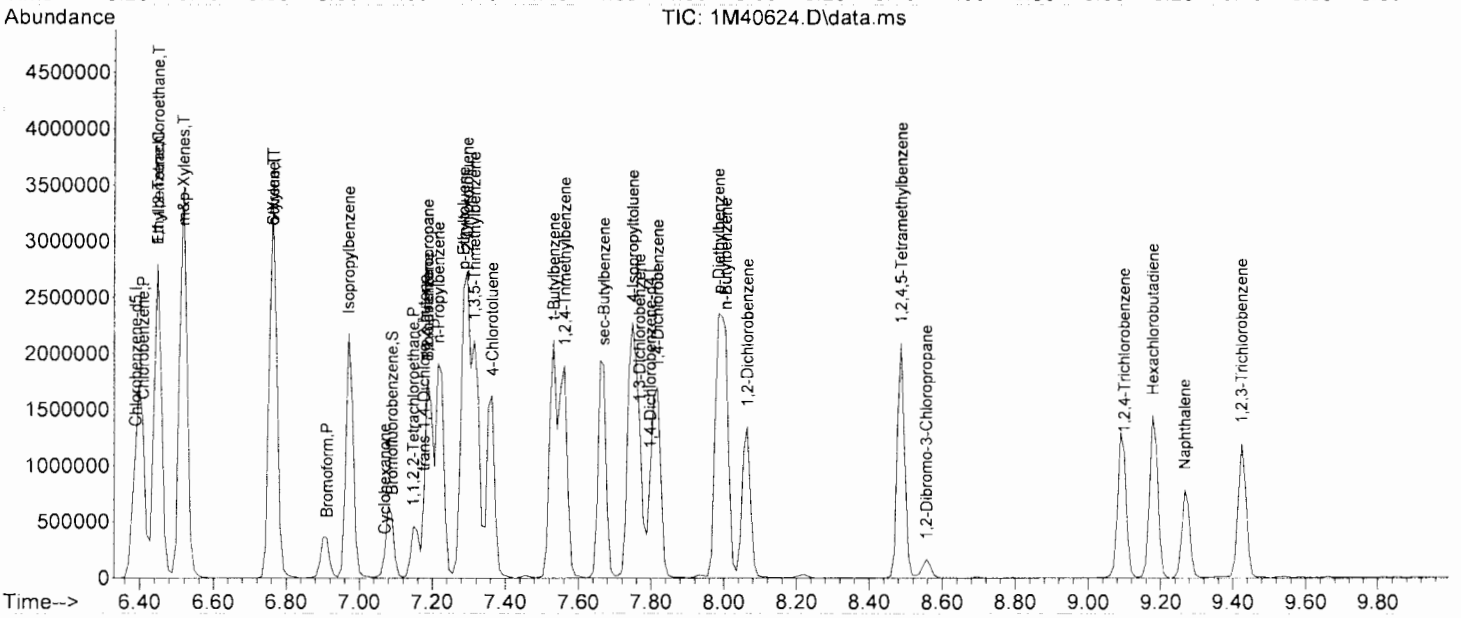
Quant Not Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M40624.D
Acq On : 01/15/09 16:08
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : S,5G:.4
Qt Meth : 1M_S0113.M
Qt On : 01/15/09 16:21
Qt Upd On: 01/14/09 10:03
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M40624.D\data.ms
n-Hexane
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Time-->


Abundance
TIC: 1M40624.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
4-Isopropyltoluene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M40760.D **Instrument:** GCMS 1

Cont Calibration Date/Time 1/19/2009 9:43:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.63	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		0.00	0.00				0.652			
Dichlorodifluoromethane	1	0		1.51	25.12	50			0.276	0.139	49.76	
Chloromethane	1	0	CP	1.63	46.96	50	0.1		0.211	0.179	6.08	
Bromomethane	1	0		1.95	60.13	50			0.055	0.052	20.26	
Vinyl Chloride	1	0	CC	1.71	53.59	50	20		0.137	0.147	7.18	
Chloroethane	1	0		2.02	54.64	50			0.070	0.058	9.28	
Trichlorofluoromethane	1	0		2.20	41.30	50			0.442	0.365	17.40	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.56	49.28	50			0.297	0.293	1.44	
Methylene Chloride	1	0		2.92	46.92	50			0.334	0.283	6.16	
Acrolein	1	0		2.52	102.44	250			0.043	0.018	59.02	
Acrylonitrile	1	0		3.12	42.67	50			0.085	0.073	14.66	
Iodomethane	1	0		2.69	41.26	50			0.332	0.274	17.48	
Acetone	1	0		2.62	250.41	250			0.070	0.065	0.16	
Carbon Disulfide	1	0		2.74	32.52	50			1.017	0.662	34.96	
t-Butyl Alcohol	1	0		2.58	174.04	250			0.005	0.003	30.38	
n-Hexane	1	0		3.31	46.89	50			0.454	0.426	6.22	
Di-isopropyl-ether	1	0		3.47	41.85	50			1.474	1.233	16.30	
1.1-Dichloroethene	1	0	CC	2.58	49.62	50	20		0.591	0.587	0.76	
Methyl Acetate	1	0		2.62	56.45	50			0.351	0.310	12.90	
Methyl-t-butyl ether	1	0		3.12	39.21	50			0.587	0.461	21.58	
1.1-Dichloroethane	1	0	CP	3.44	47.61	50	0.1		0.676	0.644	4.78	
trans-1.2-Dichloroethene	1	0		3.13	50.58	50			0.305	0.308	1.16	
cis-1.2-Dichloroethene	1	0		3.90	49.58	50			0.688	0.683	0.84	
Bromochloromethane	1	0		4.06	48.40	50			0.397	0.384	3.20	
2.2-Dichloropropane	1	0		3.89	57.30	50			0.413	0.473	14.60	
1.4-Dioxane	1	0		5.07	2400.22	2500			0.003	0.003	3.99	
1.1-Dichloropropene	1	0		4.33	45.42	50			0.511	0.464	9.16	
Chloroform	1	0	CC	4.10	52.34	50	20		0.562	0.588	4.68	
Dibromofluoromethane	1	0	S	4.21	30.16	75			0.217	0.218	0.53	
Cyclohexane	1	0		4.26	47.12	50			0.773	0.729	5.76	
1.2-Dichloroethane-d4	1	0	S	4.44	36.86	75			0.048	0.059	22.87	
1.2-Dichloroethane	1	0		4.48	45.70	50			0.459	0.420	8.60	
2-Butanone	1	0		3.91	48.09	50			0.114	0.110	3.82	
1.1.1-Trichloroethane	1	0		4.23	51.08	50			0.483	0.493	2.16	
Carbon Tetrachloride	1	0		4.34	50.17	50			0.446	0.448	0.34	
Vinyl Acetate	1	0		3.47	42.44	50			1.162	0.986	15.12	
Bromodichloromethane	1	0		5.15	52.33	50			0.518	0.542	4.66	
Methylcyclohexane	1	0		4.96	48.33	50			0.745	0.720	3.34	
Dibromomethane	1	0		5.07	51.46	50			0.261	0.269	2.92	
1.2-Dichloropropane	1	0	CC	4.99	46.28	50	20		0.455	0.421	7.44	
Trichloroethene	1	0		4.85	52.01	50			0.439	0.456	4.02	
Benzene	1	0		4.47	49.62	50			1.682	1.333	0.76	
tert-Amyl methyl ether	1	0		4.52	56.84	50			0.725	0.636	13.68	
Chlorobenzene-d5	1	0	I	6.42	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.08	56.56	50			0.429	0.485	13.12	
2-Chloroethylvinylether	1	0		5.31	49.03	50			0.127	0.124	1.94	
cis-1.3-Dichloropropene	1	0		5.40	56.29	50			0.592	0.666	12.58	
trans-1.3-Dichloropropene	1	0		5.73	57.35	50			0.473	0.542	14.70	
1.1.2-Trichloroethane	1	0		5.84	61.48	50			0.346	0.356	22.96	
1.2-Dibromoethane	1	0		6.16	53.04	50			0.297	0.315	6.08	
1.3-Dichloropropane	1	0		5.95	62.28	50			0.564	0.559	24.56	
4-Methyl-2-Pentanone	1	0		5.48	48.32	50			0.348	0.336	3.36	
2-Hexanone	1	0		5.97	51.98	50			0.236	0.246	3.96	
Tetrachloroethene	1	0		5.94	61.11	50			0.556	0.571	22.22	
Toluene-d8	1	0	S	5.57	29.91	75			0.870	0.868	0.30	
Toluene	1	0	CC	5.61	57.25	50	20		1.449	1.196	14.50	
1.1.1.2-Tetrachloroethane	1	0		6.48	58.29	50			0.440	0.427	16.58	
Chlorobenzene	1	0	CP	6.44	51.40	50	0.3		1.345	1.383	2.80	
1.4-Dichlorobenzene-d4	1	0	I	7.84	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.94	54.29	50	0.1		0.560	0.609	8.58	
Ethylbenzene	1	0	CC	6.49	57.44	50	20		0.922	0.840	14.88	
1.1.2.2-Tetrachloroethane	1	0	CP	7.19	50.59	50	0.3		0.753	0.761	1.18	
Bromofluorobenzene	1	0	S	7.12	28.88	75			0.908	0.874	3.73	
Styrene	1	0		6.80	49.01	50			2.255	2.210	1.98	
m&p-Xylenes	1	0		6.56	117.64	100			1.498	1.296	17.64	
o-Xylene	1	0		6.79	47.20	50			1.437	1.356	5.60	
trans-1.4-Dichloro-2-butene	1	0		7.22	67.50	50			0.250	0.265	35.00	
1.3-Dichlorobenzene	1	0		7.80	59.34	50			2.093	2.042	18.68	
1.4-Dichlorobenzene	1	0		7.85	66.36	50			1.998	1.977	32.72	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M40760.D **Instrument:** GCMS 1

Cont Calibration Date/Time 1/19/2009 9:43:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.09	66.53	50			1.811	1.906	33.06	
Isopropylbenzene	1	0		7.01	51.17	50			3.858	3.948	2.34	
Cyclohexanone	1	0		7.10	30.33				0.063			
1,2,3-Trichloropropane	1	0		7.23	59.98	50			0.893	0.866	19.96	
2-Chlorotoluene	1	0		7.34	50.19	50			2.270	1.820	0.38	
p-Ethyltoluene	1	0		7.32	64.12				3.401			
4-Chlorotoluene	1	0		7.39	58.65	50			2.194	2.219	17.30	
n-Propylbenzene	1	0		7.26	60.14	50			4.865	4.820	20.28	
Bromobenzene	1	0		7.23	64.12	50			2.180	2.210	28.24	
1,3,5-Trimethylbenzene	1	0		7.36	55.38	50			3.219	3.078	10.76	
t-Butylbenzene	1	0		7.56	58.03	50			3.327	3.309	16.06	
1,2,4-Trimethylbenzene	1	0		7.59	57.02	50			3.708	3.360	14.04	
sec-Butylbenzene	1	0		7.70	58.74	50			4.438	4.366	17.48	
4-Isopropyltoluene	1	0		7.78	59.15	50			3.648	3.530	18.30	
n-Butylbenzene	1	0		8.04	56.00	50			4.633	4.184	12.00	
p-Diethylbenzene	1	0		8.02	45.64				2.470			
1,2,4,5-Tetramethylbenzene	1	0		8.52	38.48				3.982			
1,2-Dibromo-3-Chloropropane	1	0		8.59	55.77	50			0.168	0.187	11.54	
Hexachlorobutadiene	1	0		9.22	52.82	50			1.379	1.253	5.64	
1,2,4-Trichlorobenzene	1	0		9.13	58.52	50			1.711	1.556	17.04	
1,2,3-Trichlorobenzene	1	0		9.45	54.21	50			1.607	1.350	8.42	
Naphthalene	1	0		9.31	39.36	50			2.411	1.898	21.28	
1,2-Dioxane	1	100		0.00	0.00	5000				0.000	100.00	
Freon 113	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 1M40760.D
Acq On : 01/19/09 09:43

Operator : WP
Sam Mult : 1 Vial# : 3
Misc : S,5G:.4

Qt Meth : 1M_S0113.M
Qt On : 01/19/09 09:59
Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.625	96	526716	30.00	ug/l	0.05
45) Chlorobenzene-d5	6.419	117	435457	30.00	ug/l	0.03
60) 1,4-Dichlorobenzene-d4	7.838	152	258027	30.00	ug/l	0.03
System Monitoring Compounds						
30) Dibromofluoromethane	4.211	111	114646	30.16	ug/l	0.07
Spiked Amount 30.000			Recovery =	100.53%		
32) 1,2-Dichloroethane-d4	4.438	102	30844	36.86	ug/l	0.06
Spiked Amount 30.000			Recovery =	122.87%		
56) Toluene-d8	5.571	100	377775	29.91	ug/l	0.04
Spiked Amount 30.000			Recovery =	99.70%		
64) Bromofluorobenzene	7.119	174	225558	28.88	ug/l	0.03
Spiked Amount 30.000			Recovery =	96.27%		
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.513	85	121758	25.12	ug/l	96
4) Chloromethane	1.630	50	156987	46.96	ug/l	95
5) Bromomethane	1.948	94	45496	60.13	ug/l	98
6) Vinyl Chloride	1.714	62	128728	53.59	ug/l	96
7) Chloroethane	2.015	64	50603	54.64	ug/l	97
8) Trichlorofluoromethane	2.200	101	320464	41.30	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.555	101	257257	49.28	ug/l	96
10) Methylene Chloride	2.920	84	248185	46.92	ug/l	97
11) Acrolein	2.516	56	77825	102.44	ug/l	99
12) Acrylonitrile	3.117	53	63886	42.67	ug/l	82
13) Iodomethane	2.693	142	240721	41.26	ug/l	98
14) Acetone	2.624	43	283358	250.41	ug/l	97
15) Carbon Disulfide	2.743	76	580897	32.52	ug/l	100
16) t-Butyl Alcohol	2.575	59	14661	174.04	ug/l	50
17) n-Hexane	3.314	57	373558	46.89	ug/l	88
18) Di-isopropyl-ether	3.472	45	1082768	41.85	ug/l	85
19) 1,1-Dichloroethene	2.575	61	515049	49.62	ug/l	97
20) Methyl Acetate	2.624	43	272092	56.45	ug/l	100
21) Methyl-t-butyl ether	3.117	73	404258	39.21	ug/l	91
22) 1,1-Dichloroethane	3.442	63	565200	47.61	ug/l	99
23) trans-1,2-Dichloroethene	3.127	96	270495	50.58	ug/l	77
24) cis-1,2-Dichloroethene	3.896	61	599314	49.58	ug/l	89
25) Bromochloromethane	4.063	49	337295	48.40	ug/l	80
26) 2,2-Dichloropropane	3.886	77	415377	57.30	ug/l	94
27) 1,4-Dioxane	5.069	88	110405	2400.22	ug/l	75
28) 1,1-Dichloropropene	4.329	75	407331	45.42	ug/l	99
29) Chloroform	4.103	83	516284	52.34	ug/l	99
31) Cyclohexane	4.261	56	639789	47.12	ug/l	87
33) 1,2-Dichloroethane	4.477	62	368445	45.70	ug/l	100
34) 2-Butanone	3.906	43	96512	48.09	ug/l	98
35) 1,1,1-Trichloroethane	4.231	97	433107	51.08	ug/l	95
36) Carbon Tetrachloride	4.339	117	392936	50.17	ug/l	88
37) Vinyl Acetate	3.472	43	865716	42.44	ug/l	100
38) Bromodichloromethane	5.148	83	475493	52.33	ug/l	95
39) Methylcyclohexane	4.960	83	631992	48.33	ug/l	83
40) Dibromomethane	5.069	174	235949	51.46	ug/l	93
41) 1,2-Dichloropropane	4.990	63	369676	46.28	ug/l	97
42) Trichloroethene	4.852	130	400527	52.01	ug/l	98
43) Benzene	4.467	78	1170202	49.62	ug/l	100
44) tert-Amyl methyl ether	4.517	73	558359	56.84	ug/l	97
46) Dibromochloromethane	6.084	129	351835	56.56	ug/l	99
47) 2-Chloroethylvinylether	5.305	63	90238	49.03	ug/l	93
48) cis-1,3-Dichloropropene	5.404	75	483570	56.29	ug/l	99
49) trans-1,3-Dichloropropene	5.729	75	393351	57.35	ug/l	97
50) 1,1,2-Trichloroethane	5.837	97	258188	61.48	ug/l	97
51) 1,2-Dibromoethane	6.163	107	228754	53.04	ug/l	93
52) 1,3-Dichloropropane	5.946	76	405534	62.28	ug/l	98
53) 4-Methyl-2-Pentanone	5.483	43	243840	48.32	ug/l	96
54) 2-Hexanone	5.966	43	178230	51.98	ug/l	99
55) Tetrachloroethene	5.936	164	414233	61.11	ug/l	98
57) Toluene	5.611	92	867680	57.25	ug/l	95
58) 1,1,1,2-Tetrachloroethane	6.478	133	310158	58.29	ug/l	91
59) Chlorobenzene	6.439	112	1003444	51.40	ug/l	100
61) Bromoform	6.941	173	261724	54.29	ug/l	96
62) Ethylbenzene	6.488	106	361088	57.44	ug/l	96
63) 1,1,2,2-Tetrachloroethane	7.188	83	327479	50.59	ug/l	88
65) Styrene	6.803	104	950475	49.01	ug/l	94
66) m&p-Xylenes	6.557	106	1115002	117.64	ug/l	92
67) o-Xylene	6.793	106	583177	47.20	ug/l	89

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40760.D Sam Mult : 1 Vial# : 3 Qt On : 01/19/09 09:59
Acq On : 01/19/09 09:43 Misc : S,5G:.4 Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	7.217	53	113856	67.50 ug/l	75
69) 1,3-Dichlorobenzene	7.799	146	878121	59.34 ug/l	98
70) 1,4-Dichlorobenzene	7.848	146	850318	66.36 ug/l	96
71) 1,2-Dichlorobenzene	8.094	146	819595	66.53 ug/l	98
72) Isopropylbenzene	7.010	105	1698019	51.17 ug/l	96
73) Cyclohexanone	7.099	55	14421	30.33 ug/l	90
74) 1,2,3-Trichloropropane	7.227	75	372484	59.98 ug/l	91
75) 2-Chlorotoluene	7.335	91	782607	50.19 ug/l	96
76) p-Ethyltoluene	7.316	105	1482329	64.12 ug/l	94
77) 4-Chlorotoluene	7.395	91	954361	58.65 ug/l	99
78) n-Propylbenzene	7.257	91	2072624	60.14 ug/l	93
79) Bromobenzene	7.227	77	950488	64.12 ug/l	90
80) 1,3,5-Trimethylbenzene	7.355	105	1323790	55.38 ug/l	50
81) t-Butylbenzene	7.562	119	1423174	58.03 ug/l	94
82) 1,2,4-Trimethylbenzene	7.592	105	1444796	57.02 ug/l	96
83) sec-Butylbenzene	7.700	105	1877781	58.74 ug/l	97
84) 4-Isopropyltoluene	7.779	119	1518263	59.15 ug/l	95
85) n-Butylbenzene	8.035	91	1799329	56.00 ug/l	94
86) p-Diethylbenzene	8.016	119	969638	45.64 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.518	119	1318017	38.48 ug/l	95
88) 1,2-Dibromo-3-Chloropr...	8.587	157	80358	55.77 ug/l	98
89) Hexachlorobutadiene	9.218	225	538772	52.82 ug/l	98
90) 1,2,4-Trichlorobenzene	9.129	180	669117	58.52 ug/l	99
91) 1,2,3-Trichlorobenzene	9.454	180	580465	54.21 ug/l	97
92) Naphthalene	9.307	128	816236	39.36 ug/l	100

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

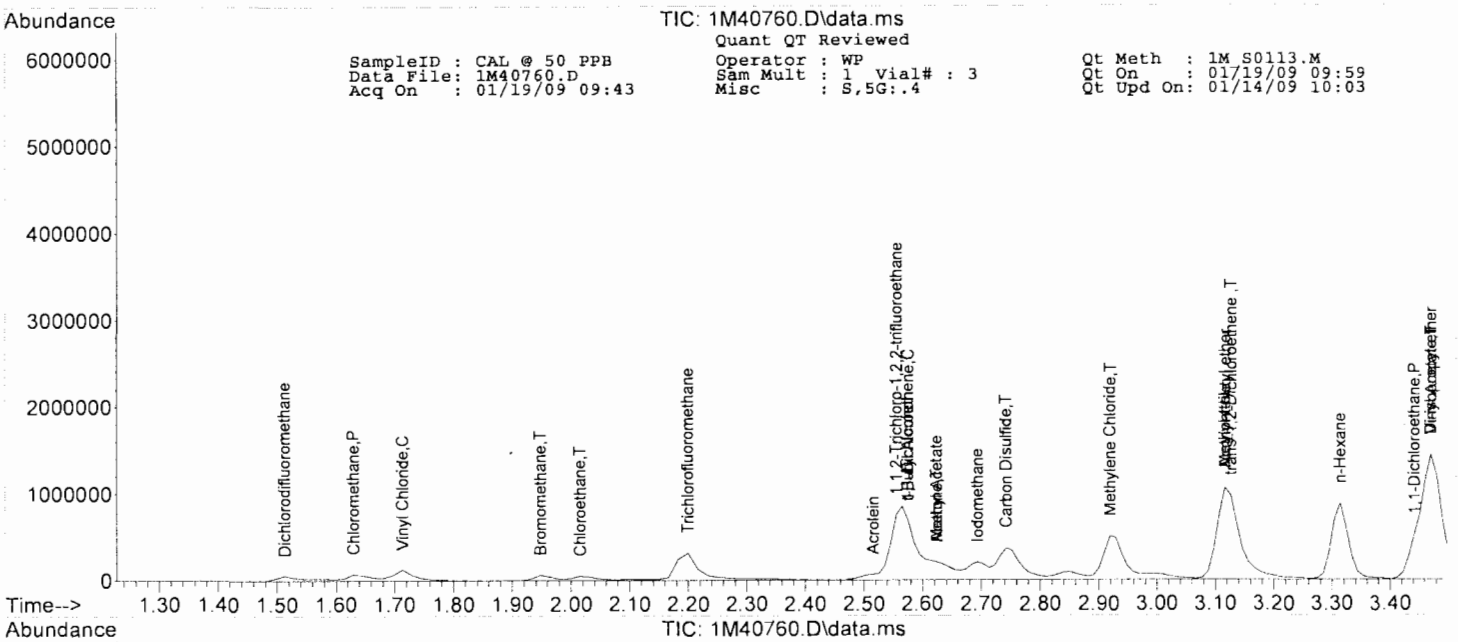
TIC: 1M40760.D\data.ms

Quant QT Reviewed

SampleID : CAL @ 50 PPB
Data File: 1M40760.D
Acq On : 01/19/09 09:43

Operator : WP
Sam Mult : 1 Vial# : 3
Misc : S,5G:.4

Qt Meth : 1M_S0113.M
Qt On : 01/19/09 09:59
Qt Upd On: 01/14/09 10:03



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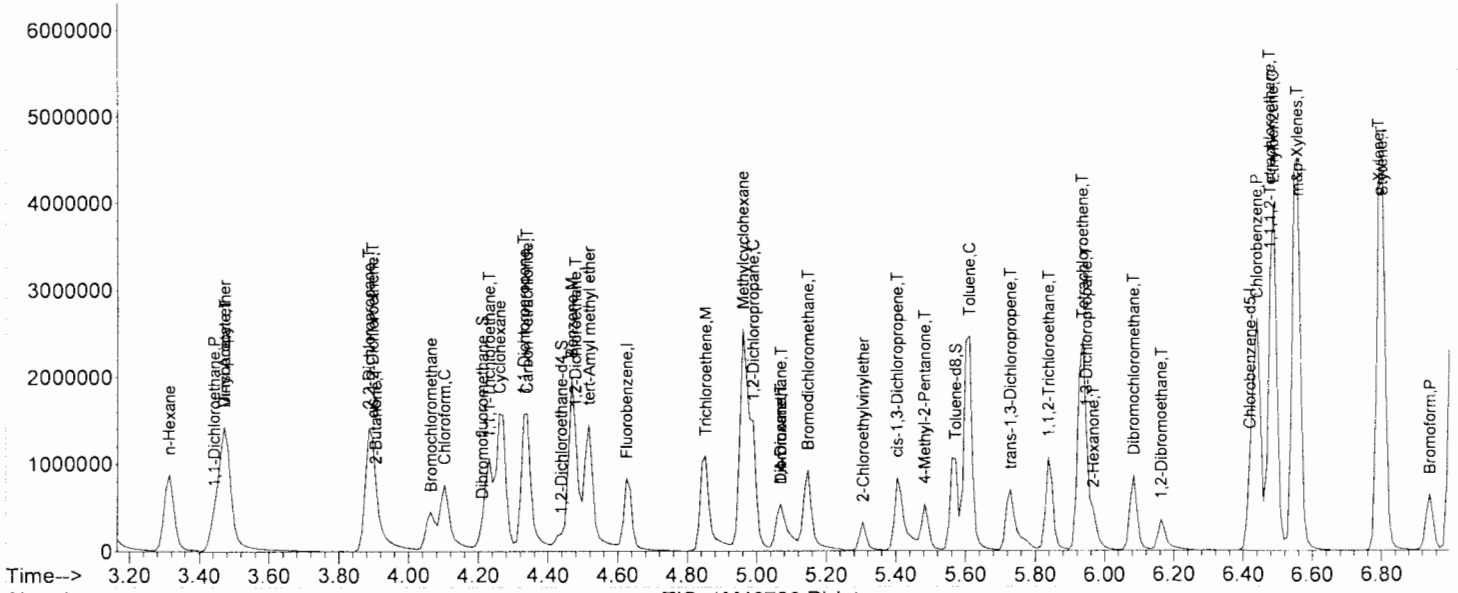

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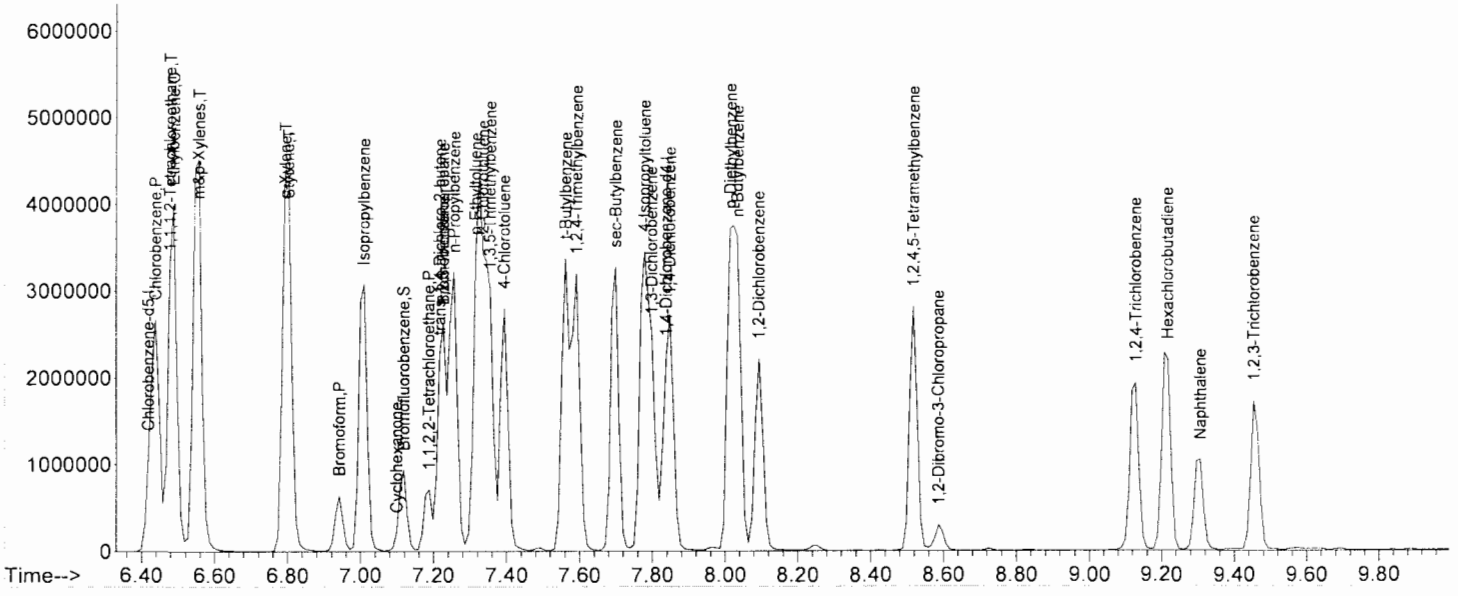


GC/MS Volatile Data
Raw QC Data

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58072.D
Analysis Date: 01/08/09 06:39
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.459 to 4.518 min

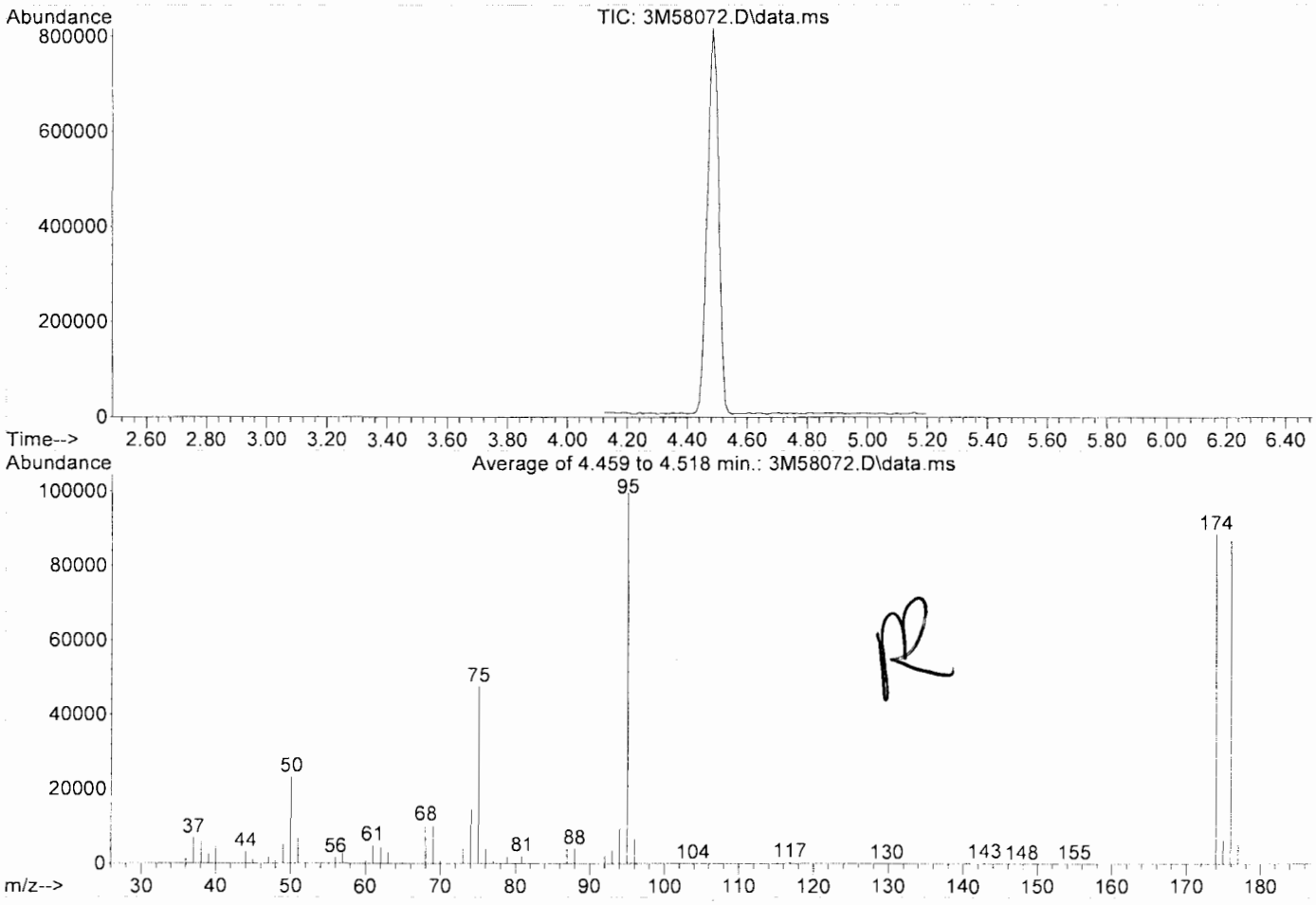
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	23.4	23285	PASS
75	95	30	60	47.9	47630	PASS
95	95	100	100	100.0	99475	PASS
96	95	5	9	6.7	6619	PASS
173	174	0.00	2	0.3	307	PASS
174	95	50	100	89.1	88590	PASS
175	174	5	9	7.2	6394	PASS
176	174	95	101	98.1	86917	PASS
177	176	5	9	6.5	5627	PASS

Data File	Sample Number	Analysis Date:
3M58073.D	CAL @ 20 PPB	01/08/09 06:49
3M58074.D	BLKFB	01/08/09 07:11
3M58075.D	DAILY BLANK	01/08/09 07:28
3M58076.D	DAILY BLANK	01/08/09 07:48
3M58077.D	AC42019-002	01/08/09 08:05
3M58078.D	AC42012-011(2X)	01/08/09 08:25
3M58079.D	MBS10929	01/08/09 08:43
3M58080.D	MBS10930	01/08/09 09:00
3M58081.D	BLKHCL	01/08/09 09:17
3M58082.D	AC42024-001	01/08/09 09:35
3M58083.D	AC42019-003(50X)	01/08/09 09:55
3M58084.D	BLK	01/08/09 10:13
3M58085.D	AC42043-004	01/08/09 10:31
3M58086.D	AC42043-005	01/08/09 10:48
3M58087.D	AC42043-001	01/08/09 11:05
3M58088.D	AC42043-003	01/08/09 11:22
3M58089.D	AC42033-001	01/08/09 11:39
3M58090.D	AC42048-001	01/08/09 11:56
3M58091.D	AC42043-002(10X)	01/08/09 12:16
3M58092.D	MBS10932	01/08/09 12:37
3M58093.D	BLK	01/08/09 12:55
3M58094.D	AC42043-003	01/08/09 13:12
3M58095.D	AC42029-013(MS)	01/08/09 13:29
3M58096.D	AC42029-013(MSD	01/08/09 14:16
3M58097.D	AC42021-001(MS)	01/08/09 14:33
3M58098.D	AC42021-001(MSD	01/08/09 14:51
3M58099.D	AC41930-005(T:M	01/08/09 15:14
3M58100.D	AC41930-005(T:M	01/08/09 15:31
3M58101.D	BLK	01/08/09 15:49
3M58102.D	BLK	01/08/09 16:07
3M58103.D	BLK	01/08/09 16:25
3M58104.D	BLK	01/08/09 16:42

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-08-09\
Data File : 3M58072.D
Acq On : 8 Jan 2009 6:39
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2008\GCMS_3\METHODS\3M_A1219.M
Title : @GCMS_3,ug,624,8260
Last Update : Mon Jan 05 10:28:58 2009



Spectrum Information: Average of 4.459 to 4.518 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.4	23285	PASS
75	95	30	60	47.9	47630	PASS
95	95	100	100	100.0	99475	PASS
96	95	5	9	6.7	6619	PASS
173	174	0.00	2	0.3	307	PASS
174	95	50	100	89.1	88590	PASS
175	174	5	9	7.2	6394	PASS
176	174	95	101	98.1	86917	PASS
177	176	5	9	6.5	5627	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58155.D
Analysis Date: 01/13/09 08:15
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.394 to 4.473 min

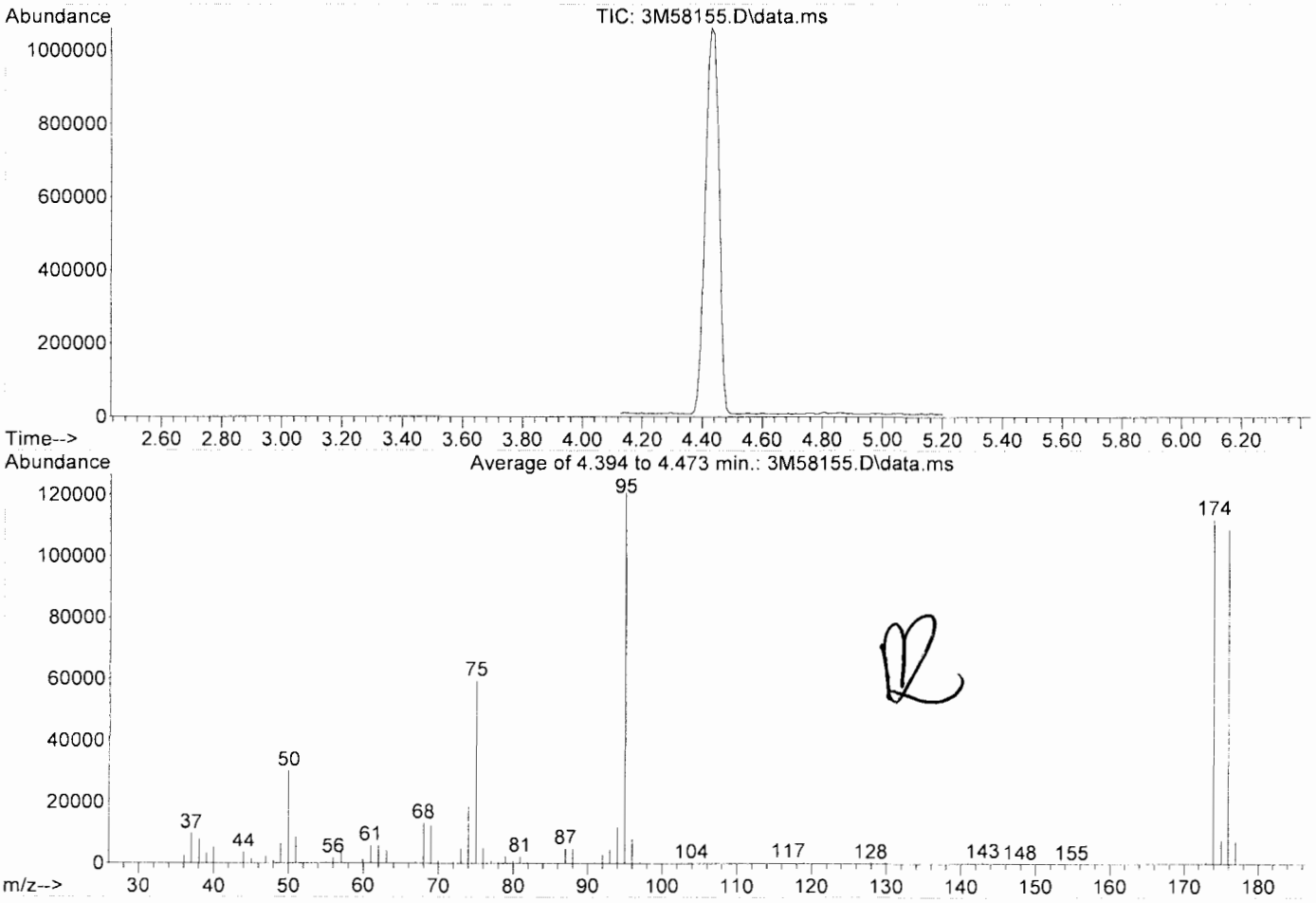
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	25.0	30150	PASS
75	95	30	60	49.5	59663	PASS
95	95	100	100	100.0	120636	PASS
96	95	5	9	6.7	8040	PASS
173	174	0.00	2	0.6	619	PASS
174	95	50	100	93.0	112199	PASS
175	174	5	9	7.0	7899	PASS
176	174	95	101	97.1	108984	PASS
177	176	5	9	6.9	7517	PASS

Data File	Sample Number	Analysis Date:
3M58156.D	BLK	01/13/09 08:25
3M58157.D	CAL @ 1 PPB	01/13/09 08:54
3M58158.D	CAL @ 0.5 PPB	01/13/09 09:14
3M58159.D	CAL @ 5 PPB	01/13/09 09:33
3M58160.D	CAL @ 500 PPB	01/13/09 09:50
3M58161.D	CAL @ 250 PPB	01/13/09 10:07
3M58162.D	CAL @ 100 PPB	01/13/09 10:24
3M58163.D	CAL @ 50 PPB	01/13/09 10:41
3M58164.D	CAL @ 20 PPB	01/13/09 10:59
3M58165.D	CAL @ 10 PPB	01/13/09 11:17
3M58166.D	BLK	01/13/09 11:36
3M58167.D	ICV	01/13/09 12:03
3M58168.D	BLK	01/13/09 12:20
3M58169.D	DAILY BLANK	01/13/09 12:37
3M58170.D	DAILY BLANK	01/13/09 12:55
3M58171.D	MBS10953	01/13/09 13:12
3M58172.D	MBS10954	01/13/09 13:29
3M58173.D	BLK	01/13/09 13:46
3M58174.D	AC42112-001	01/13/09 14:03
3M58175.D	AC42112-002	01/13/09 14:20
3M58176.D	AC42116-004	01/13/09 14:37
3M58177.D	AC42051-001(T)	01/13/09 14:55
3M58178.D	AC42051-002(T)	01/13/09 15:12
3M58179.D	AC42051-003(T)	01/13/09 15:29
3M58180.D	AC42051-004(T)	01/13/09 15:46
3M58181.D	EF-1-V-58362(011	01/13/09 16:03
3M58182.D	BLK	01/13/09 16:20
3M58183.D	AC42116-004	01/13/09 16:37
3M58184.D	AC42104-013	01/13/09 16:54
3M58185.D	AC42104-011	01/13/09 17:11
3M58186.D	AC42108-006	01/13/09 17:28
3M58187.D	AC42104-010	01/13/09 17:45
3M58188.D	AC42104-012	01/13/09 18:02
3M58189.D	AC42101-001	01/13/09 18:19
3M58190.D	AC42101-002	01/13/09 18:36

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Data File : 3M58155.D
Acq On : 13 Jan 2009 8:15
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 8 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2008\GCMS_3\METHODS\3M_A1219.M
Title : @GCMS_3,ug,624,8260
Last Update : Mon Jan 05 10:28:58 2009



Spectrum Information: Average of 4.394 to 4.473 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.0	30150	PASS
75	95	30	60	49.5	59663	PASS
95	95	100	100	100.0	120636	PASS
96	95	5	9	6.7	8040	PASS
173	174	0.00	2	0.6	619	PASS
174	95	50	100	93.0	112199	PASS
175	174	5	9	7.0	7899	PASS
176	174	95	101	97.1	108984	PASS
177	176	5	9	6.9	7517	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M40501.D
Analysis Date: 01/13/09 10:12
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.417 to 4.427 min

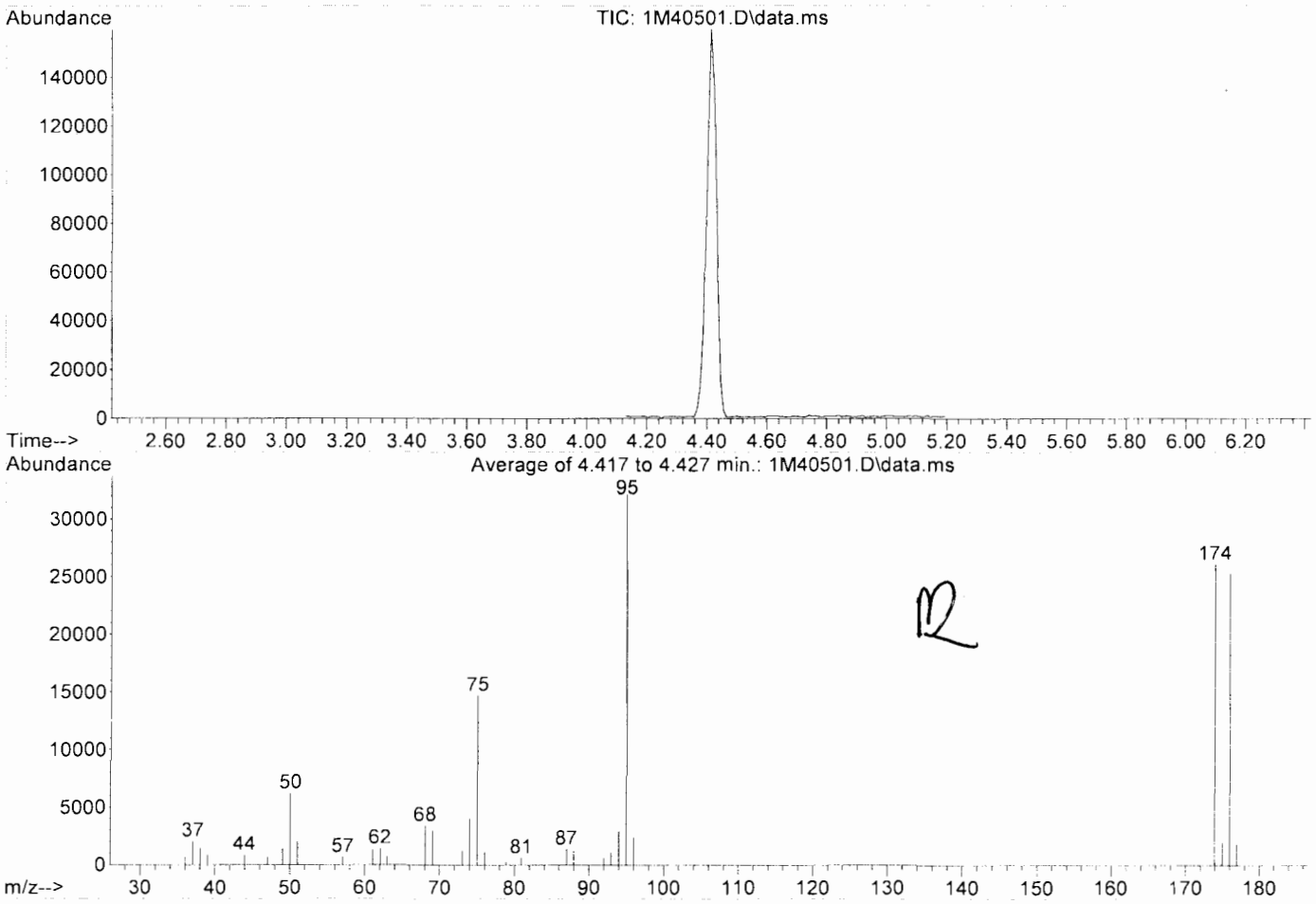
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	19.3	6214	PASS
75	95	30	60	45.8	14722	PASS
95	95	100	100	100.0	32156	PASS
96	95	5	9	7.6	2432	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.3	26152	PASS
175	174	5	9	7.9	2073	PASS
176	174	95	101	96.8	25324	PASS
177	176	5	9	7.3	1857	PASS

Data File	Sample Number	Analysis Date:
1M40502.D	1 PPB	01/13/09 10:22
1M40503.D	CAL @ 500 PPB	01/13/09 10:39
1M40504.D	CAL @ 250 PPB	01/13/09 10:56
1M40505.D	CAL @ 100 PPB	01/13/09 11:13
1M40506.D	CAL @ 50 PPB	01/13/09 11:30
1M40507.D	CAL @ 20 PPB	01/13/09 11:47
1M40508.D	CAL @ 10 PPB	01/13/09 12:04
1M40509.D	CAL @ 5 PPB	01/13/09 12:21
1M40511.D	CAL @ 1 PPB	01/13/09 12:55
1M40512.D	ICV	01/13/09 13:22
1M40514.D	BLK	01/13/09 13:56
1M40515.D	DAILY BLANK	01/13/09 14:13
1M40516.D	BLK	01/13/09 14:25
1M40517.D	MBS10955	01/13/09 14:58
1M40518.D	MBS10956	01/13/09 15:19
1M40519.D	AC42081-002(MS)	01/13/09 15:36
1M40520.D	AC42081-002(MSD	01/13/09 15:53
1M40521.D	BLK	01/13/09 16:10
1M40522.D	AC42081-001	01/13/09 16:27
1M40523.D	AC42081-002	01/13/09 16:44
1M40524.D	AC42081-007	01/13/09 17:01
1M40525.D	AC42081-010	01/13/09 17:18
1M40526.D	AC42081-011	01/13/09 17:34
1M40527.D	AC42081-012	01/13/09 17:51
1M40528.D	AC42081-013	01/13/09 18:08
1M40529.D	AC42081-014	01/13/09 18:25
1M40530.D	AC42081-015	01/13/09 18:42
1M40531.D	AC42081-016	01/13/09 18:59
1M40532.D	AC42081-017	01/13/09 19:16
1M40533.D	AC42081-018	01/13/09 19:33
1M40534.D	AC42081-019	01/13/09 19:50
1M40535.D	AC42081-020	01/13/09 20:07
1M40536.D	AC42081-021	01/13/09 20:24
1M40537.D	AC42105-001	01/13/09 20:41
1M40538.D	AC42105-002	01/13/09 20:58
1M40539.D	BLK	01/13/09 21:15
1M40540.D	BLK	01/13/09 21:32
1M40541.D	BLK	01/13/09 21:49
1M40542.D	BLK	01/13/09 22:06
1M40543.D	BLK	01/13/09 22:22
1M40544.D	BLK	01/13/09 22:39
1M40545.D	BLK	01/13/09 22:56
1M40546.D	BLK	01/13/09 23:13

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-13-09\
Data File : 1M40501.D
Acq On : 13 Jan 2009 10:12
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 3 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_1\METHODQT\1M_S0105.M
Title : @GCMS_1,ug,624,8260
Last Update : Fri Jan 09 12:53:08 2009



Spectrum Information: Average of 4.417 to 4.427 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	6214	PASS
75	95	30	60	45.8	14722	PASS
95	95	100	100	100.0	32156	PASS
96	95	5	9	7.6	2432	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.3	26152	PASS
175	174	5	9	7.9	2073	PASS
176	174	95	101	96.8	25324	PASS
177	176	5	9	7.3	1857	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 6
Data File: 6M36942.D
Analysis Date: 01/14/09 09:07
Method: EPA 8260B

Tune Scan/Time Range: Average of 3.994 to 4.063 min

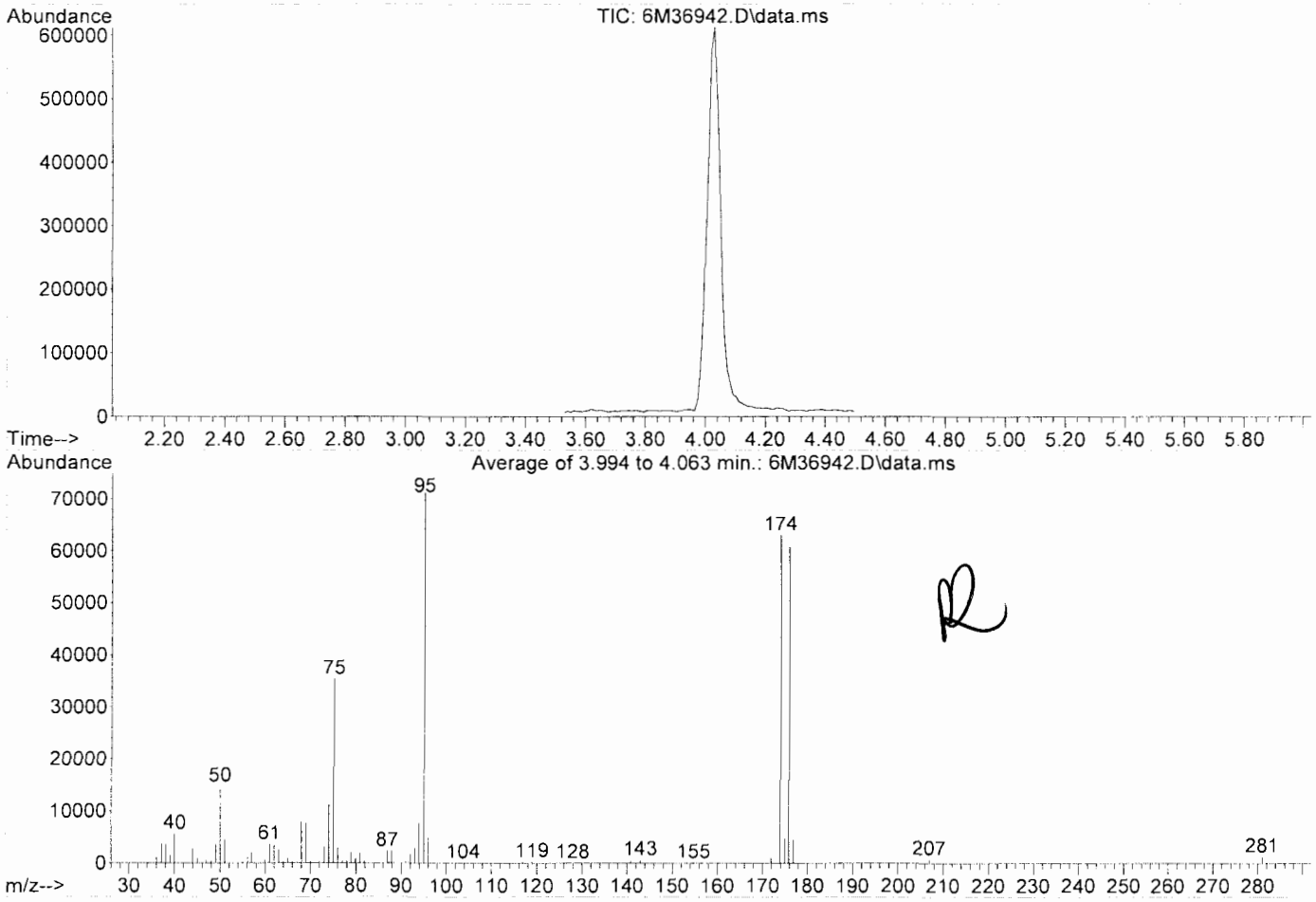
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.6	14686	PASS
75	95	30	60	49.7	35431	PASS
95	95	100	100	100.0	71233	PASS
96	95	5	9	7.2	5107	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	88.5	63064	PASS
175	174	5	9	7.5	4755	PASS
176	174	95	101	96.3	60734	PASS
177	176	5	9	7.5	4527	PASS

Data File	Sample Number	Analysis Date:
6M36943.D	BLK	01/14/09 09:18
6M36944.D	CAL @ 1 PPB	01/14/09 09:35
6M36945.D	CAL @ 0.5 PPB	01/14/09 09:51
6M36946.D	CAL @ 5 PPB	01/14/09 10:07
6M36947.D	CAL @ 500 PPB	01/14/09 10:23
6M36948.D	CAL @ 250 PPB	01/14/09 10:39
6M36949.D	CAL @ 100 PPB	01/14/09 10:56
6M36950.D	CAL @ 50 PPB	01/14/09 11:12
6M36951.D	CAL @ 10 PPB	01/14/09 11:28
6M36952.D	CAL @ 20 PPB	01/14/09 11:44
6M36953.D	BLK	01/14/09 12:01
6M36954.D	ICV	01/14/09 12:22
6M36955.D	BLK	01/14/09 12:39
6M36956.D	BLK	01/14/09 12:55
6M36957.D	BLK	01/14/09 13:11
6M36958.D	DAILY BLANK	01/14/09 13:32
6M36959.D	DAILY BLANK	01/14/09 13:48
6M36960.D	MBS10963	01/14/09 14:04
6M36961.D	MBS10964	01/14/09 14:20
6M36962.D	BLK	01/14/09 14:37
6M36963.D	AC42097-007	01/14/09 14:53
6M36964.D	AC42097-009	01/14/09 15:09
6M36965.D	AC42135-001	01/14/09 15:25
6M36966.D	AC42116-002(T)	01/14/09 15:41
6M36967.D	AC42118-001(T)	01/14/09 15:57
6M36968.D	AC42118-003(T)	01/14/09 16:13
6M36969.D	AC42118-007(T)	01/14/09 16:30
6M36970.D	AC42118-009(T)	01/14/09 16:46
6M36971.D	AC42118-011(T)	01/14/09 17:02
6M36972.D	AC42049-008(T)	01/14/09 17:18
6M36973.D	AC42071-002(T)	01/14/09 17:34
6M36974.D	AC42118-005(T)	01/14/09 17:50
6M36975.D	EF-1-V-58362(011	01/14/09 18:06
6M36976.D	AC42116-002(T:M	01/14/09 18:22
6M36977.D	AC42116-002(T:M	01/14/09 18:38
6M36978.D	AC42121-001	01/14/09 18:54
6M36979.D	AC42121-002	01/14/09 19:10
6M36980.D	AC42121-003	01/14/09 19:26
6M36981.D	AC42121-004	01/14/09 19:42
6M36982.D	AC42121-005	01/14/09 19:57
6M36983.D	AC42121-006	01/14/09 20:13
6M36984.D	AC42123-001	01/14/09 20:29
6M36985.D	AC42123-004	01/14/09 20:45
6M36986.D	AC42156-001	01/14/09 21:01
6M36987.D	AC42156-002	01/14/09 21:17
6M36988.D	AC42140-003	01/14/09 21:33
6M36989.D	AC42140-002	01/14/09 21:48
6M36990.D	AC42140-001	01/14/09 22:04
6M36991.D	BLK	01/14/09 22:20
6M36992.D	BLK	01/14/09 22:36
6M36993.D	BLK	01/14/09 22:52
6M36994.D	BLK	01/14/09 23:08
6M36995.D	BLK	01/14/09 23:23

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-14-09\
Data File : 6M36942.D
Acq On : 14 Jan 2009 9:07
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 4 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2008\gcms_6\methods\6M_A1222.M
Title : @GCMS_6,ug,624,8260
Last Update : Tue Dec 30 14:38:10 2008



Spectrum Information: Average of 3.994 to 4.063 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.6	14686	PASS
75	95	30	60	49.7	35431	PASS
95	95	100	100	100.0	71233	PASS
96	95	5	9	7.2	5107	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	88.5	63064	PASS
175	174	5	9	7.5	4755	PASS
176	174	95	101	96.3	60734	PASS
177	176	5	9	7.5	4527	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 6
Data File: 6M36997.D
Analysis Date: 01/15/09 06:50
Method: EPA 8260B

Tune Scan/Time Range: Average of 3.988 to 4.047 min

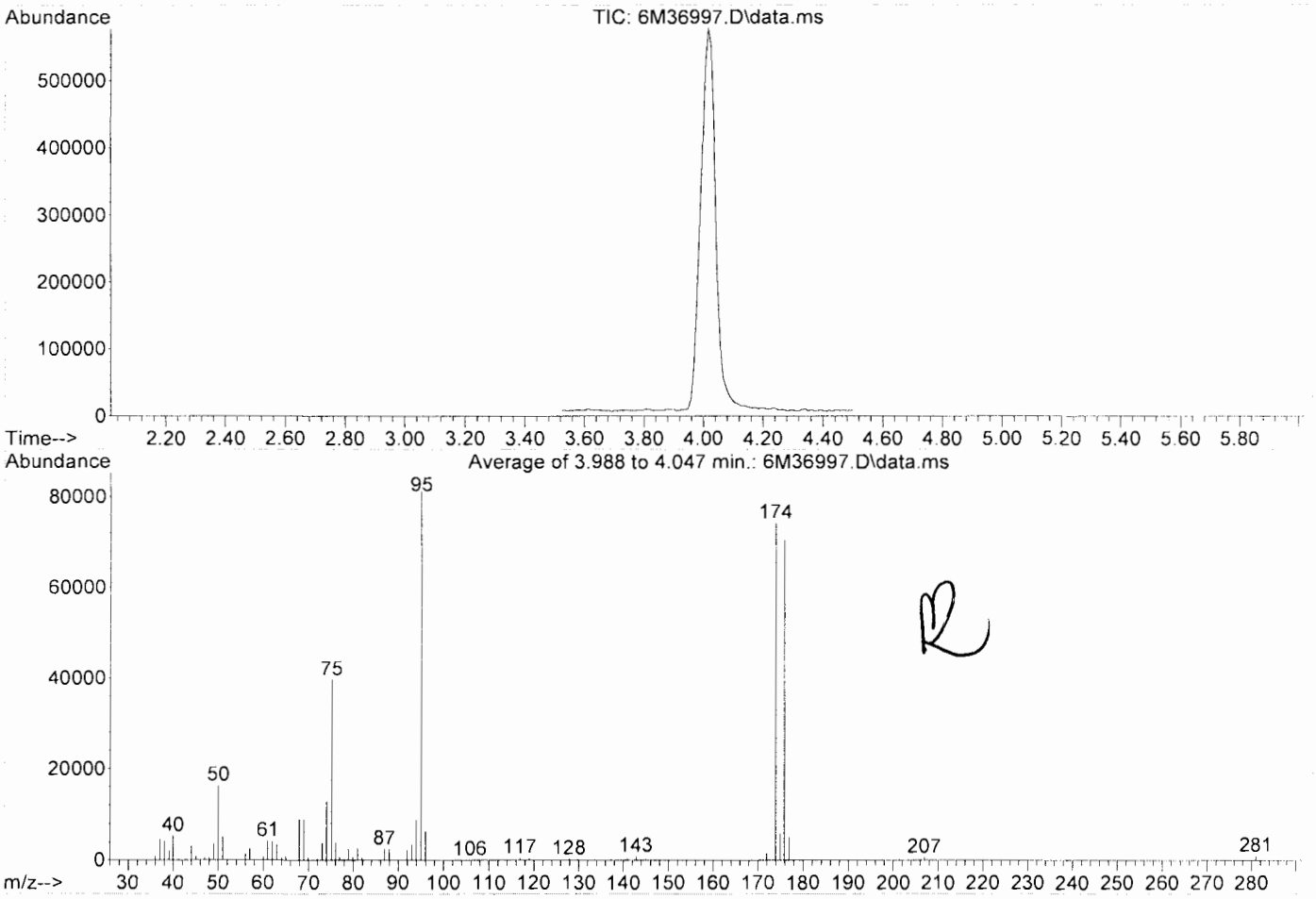
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.1	16357	PASS
75	95	30	60	48.9	39720	PASS
95	95	100	100	100.0	81191	PASS
96	95	5	9	7.7	6292	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.4	74205	PASS
175	174	5	9	7.8	5790	PASS
176	174	95	101	95.1	70541	PASS
177	176	5	9	7.1	5026	PASS

Data File	Sample Number	Analysis Date:
6M36998.D	CAL @ 20 PPB	01/15/09 07:21
6M36999.D	BLK	01/15/09 07:42
6M37000.D	DAILY BLANK	01/15/09 07:58
6M37001.D	DAILY BLANK	01/15/09 08:14
6M37002.D	MBS10969	01/15/09 08:30
6M37003.D	MBS10970	01/15/09 08:46
6M37004.D	BLK	01/15/09 09:02
6M37005.D	AC42139-007	01/15/09 09:18
6M37006.D	AC42139-013	01/15/09 09:34
6M37007.D	AC42139-012	01/15/09 09:50
6M37008.D	AC42139-011	01/15/09 10:06
6M37009.D	AC42139-010	01/15/09 10:21
6M37010.D	AC42139-009	01/15/09 10:37
6M37011.D	AC42139-008	01/15/09 10:53
6M37012.D	AC42144-009	01/15/09 11:09
6M37013.D	AC42144-011	01/15/09 11:25
6M37014.D	BLK	01/15/09 11:42
6M37015.D	AC42144-013	01/15/09 11:58
6M37016.D	AC42144-014	01/15/09 12:14
6M37017.D	AC42144-020	01/15/09 12:30
6M37018.D	AC42157-015	01/15/09 12:46
6M37019.D	AC42157-016	01/15/09 13:02
6M37020.D	AC42169-007	01/15/09 13:19
6M37021.D	AC42169-008	01/15/09 13:35
6M37022.D	AC42126-001	01/15/09 13:51
6M37023.D	AC42071-001(T)	01/15/09 14:07
6M37024.D	AC42143-001(T)	01/15/09 14:23
6M37025.D	EF-1-V-58362(011	01/15/09 14:39
6M37026.D	AC42161-001	01/15/09 14:57
6M37027.D	AC42161-003	01/15/09 15:13
6M37028.D	AC42161-005	01/15/09 15:29
6M37029.D	AC42161-007	01/15/09 15:45
6M37030.D	BLK	01/15/09 16:01
6M37031.D	AC42094-006(MS)	01/15/09 16:20
6M37032.D	AC42094-006(MSD	01/15/09 16:36
6M37033.D	BLK	01/15/09 16:52
6M37034.D	BLK	01/15/09 17:08
6M37035.D	BLK	01/15/09 17:23
6M37036.D	MBS10980	01/15/09 17:39
6M37037.D	AC42164-007(100	01/15/09 17:58
6M37038.D	AC42104-001(MS)	01/15/09 18:15
6M37039.D	AC42104-001(MSD	01/15/09 18:31
6M37040.D	BLK	01/15/09 18:47
6M37041.D	AC42164-009	01/15/09 19:03
6M37042.D	AC42164-010	01/15/09 19:19
6M37043.D	AC42158-005	01/15/09 19:35
6M37044.D	AC42158-006	01/15/09 19:51
6M37045.D	AC42145-001	01/15/09 20:06
6M37046.D	AC42158-001	01/15/09 20:22
6M37047.D	AC42158-002	01/15/09 20:38
6M37048.D	AC42158-003	01/15/09 20:54
6M37049.D	AC42158-004	01/15/09 21:09
6M37050.D	AC42158-007	01/15/09 21:25
6M37051.D	AC42164-005	01/15/09 21:42
6M37052.D	MBS10981	01/15/09 21:57
6M37053.D	BLK	01/15/09 22:13
6M37054.D	AC42149-002	01/15/09 22:29
6M37055.D	AC42149-004	01/15/09 22:45
6M37056.D	AC42149-005	01/15/09 23:01
6M37057.D	AC42149-006	01/15/09 23:16
6M37058.D	AC42149-001(10X)	01/15/09 23:35
6M37059.D	AC42149-007(10X)	01/15/09 23:56
6M37060.D	AC42149-008(10X)	01/16/09 00:16
6M37061.D	AC42149-003(20X)	01/16/09 00:37
6M37062.D	BLK	01/16/09 00:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-15-09\
Data File : 6M36997.D
Acq On : 15 Jan 2009 6:50
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 3 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GcMsData\2009\GCMS_6\MethodQt\6M_A0114.M
Title : @GCMS_6,ug,624,8260
Last Update : Wed Jan 14 13:38:11 2009



Spectrum Information: Average of 3.988 to 4.047 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.1	16357	PASS
75	95	30	60	48.9	39720	PASS
95	95	100	100	100.0	81191	PASS
96	95	5	9	7.7	6292	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.4	74205	PASS
175	174	5	9	7.8	5790	PASS
176	174	95	101	95.1	70541	PASS
177	176	5	9	7.1	5026	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M40593.D
Analysis Date: 01/15/09 06:51
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.373 to 4.432 min

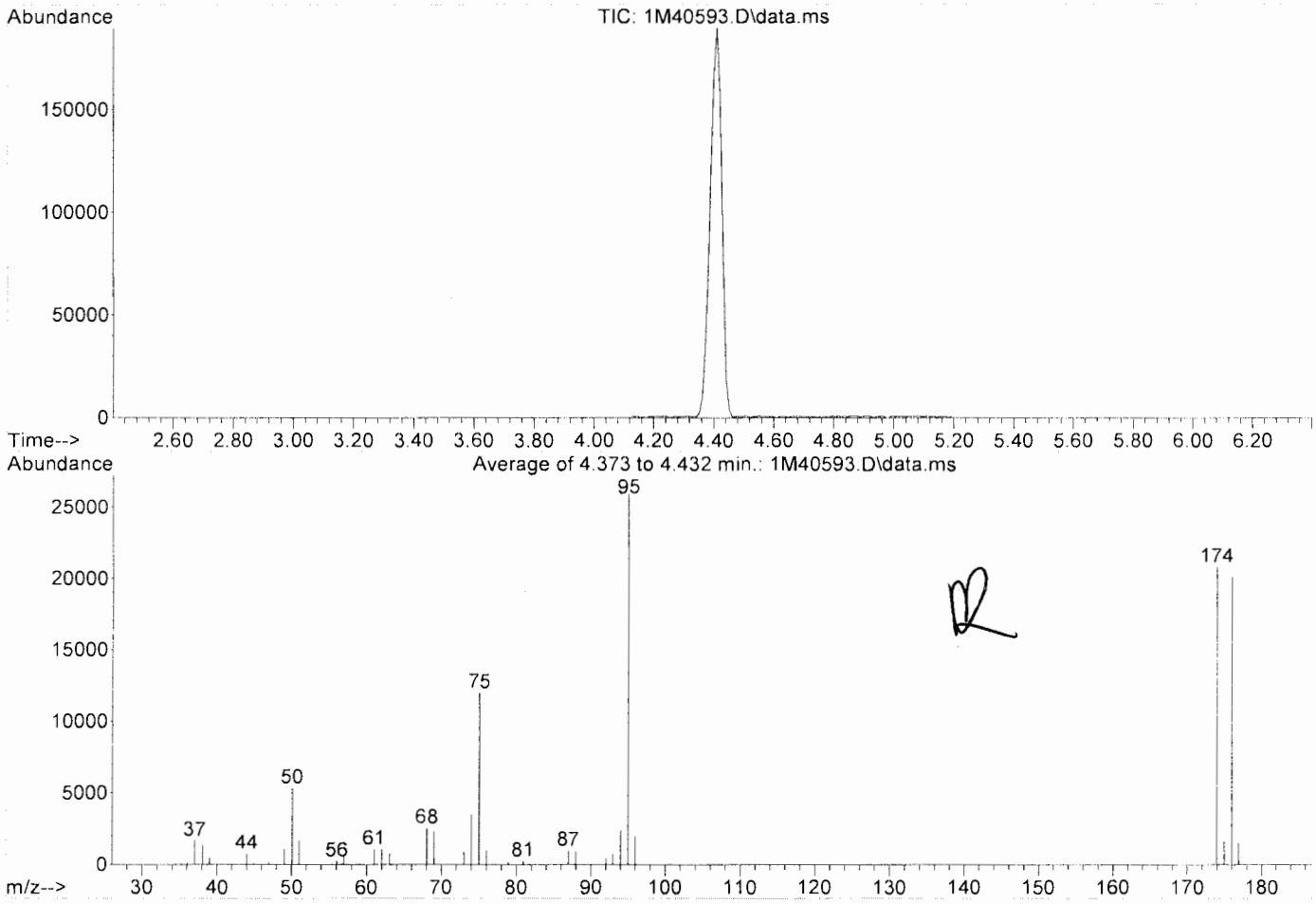
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.6	5340	PASS
75	95	30	60	46.3	12012	PASS
95	95	100	100	100.0	25950	PASS
96	95	5	9	7.6	1979	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	80.3	20832	PASS
175	174	5	9	7.9	1639	PASS
176	174	95	101	96.7	20153	PASS
177	176	5	9	7.7	1558	PASS

Data File	Sample Number	Analysis Date:
1M40594.D	CAL @ 50 PPB	01/15/09 07:25
1M40595.D	BLK	01/15/09 07:46
1M40596.D	DAILY BLANK	01/15/09 08:03
1M40597.D	MBS10968	01/15/09 08:27
1M40598.D	BLK	01/15/09 08:44
1M40599.D	BLKTEST	01/15/09 09:01
1M40600.D	AC42156-003	01/15/09 09:18
1M40601.D	AC42156-004	01/15/09 09:35
1M40602.D	BLKPREP	01/15/09 09:52
1M40603.D	AC42118-001	01/15/09 10:09
1M40604.D	BLK	01/15/09 10:26
1M40605.D	BLK	01/15/09 10:43
1M40606.D	AC42118-003	01/15/09 11:00
1M40607.D	BLK	01/15/09 11:17
1M40608.D	AC42118-005	01/15/09 11:34
1M40609.D	AC42118-007	01/15/09 11:51
1M40610.D	AC42118-009	01/15/09 12:11
1M40611.D	AC42118-011	01/15/09 12:28
1M40612.D	AC42118-001	01/15/09 12:45
1M40613.D	BLK	01/15/09 13:02
1M40614.D	AC42121-001	01/15/09 13:19
1M40615.D	AC42121-002	01/15/09 13:36
1M40616.D	AC42121-004	01/15/09 13:53
1M40617.D	AC42121-005	01/15/09 14:09
1M40618.D	AC42121-006	01/15/09 14:26
1M40619.D	AC42123-001	01/15/09 14:43
1M40620.D	AC42123-004	01/15/09 15:00
1M40621.D	AC42121-003	01/15/09 15:17

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-15-09\
Data File : 1M40593.D
Acq On : 15 Jan 2009 6:51
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 4 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_1\METHODQT\1M_S0113.M
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jan 14 10:03:04 2009



Spectrum Information: Average of 4.373 to 4.432 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.6	5340	PASS
75	95	30	60	46.3	12012	PASS
95	95	100	100	100.0	25950	PASS
96	95	5	9	7.6	1979	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	80.3	20832	PASS
175	174	5	9	7.9	1639	PASS
176	174	95	101	96.7	20153	PASS
177	176	5	9	7.7	1558	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58229.D
Analysis Date: 01/15/09 07:05
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.443 to 4.483 min

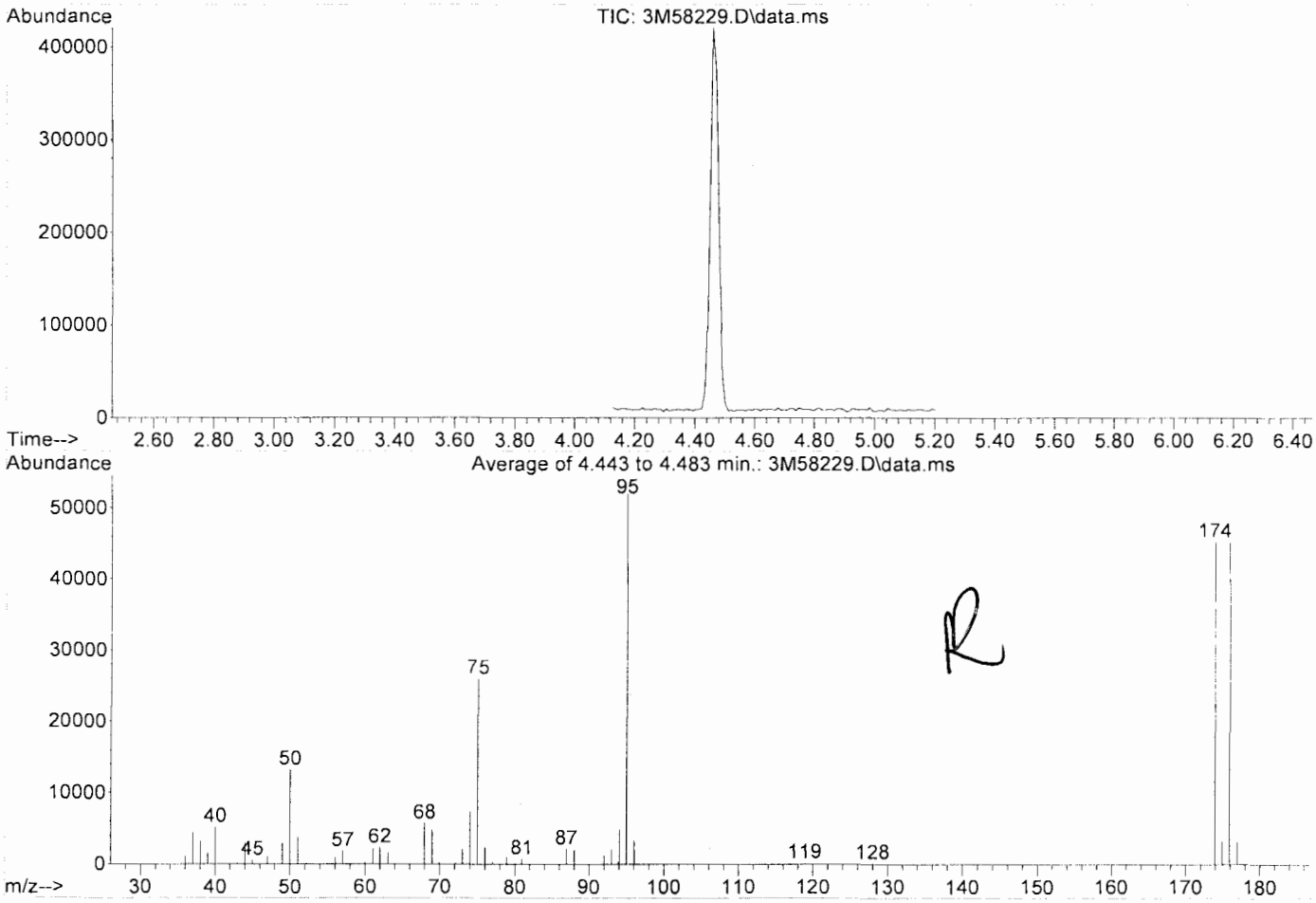
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	25.4	13198	PASS
75	95	30	60	50.0	26027	PASS
95	95	100	100	100.0	52034	PASS
96	95	5	9	6.5	3360	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	87.1	45345	PASS
175	174	5	9	7.3	3310	PASS
176	174	95	101	99.7	45209	PASS
177	176	5	9	7.2	3237	PASS

Data File	Sample Number	Analysis Date:
3M58230.D	CAL @ 20 PPB	01/15/09 07:39
3M58231.D	DAILY BLANK	01/15/09 08:00
3M58232.D	DAILY BLANK	01/15/09 08:17
3M58233.D	AC42119-001	01/15/09 08:35
3M58234.D	MBS10971	01/15/09 08:52
3M58235.D	MBS10972	01/15/09 09:09
3M58236.D	BLK	01/15/09 09:26
3M58237.D	AC42033-001(MS)	01/15/09 09:43
3M58238.D	AC42033-001(MSD	01/15/09 10:00
3M58239.D	AC42124-001	01/15/09 10:17
3M58240.D	AC42148-001	01/15/09 10:34
3M58241.D	AC42148-002	01/15/09 10:51
3M58242.D	AC42148-004	01/15/09 11:08
3M58243.D	AC42148-007	01/15/09 11:25
3M58244.D	AC42148-009	01/15/09 11:42
3M58245.D	AC42148-010	01/15/09 11:59
3M58246.D	AC42148-011	01/15/09 12:17
3M58247.D	AC42148-012	01/15/09 12:34
3M58248.D	BLKHCL	01/15/09 12:51
3M58249.D	AC42161-004(100	01/15/09 13:11
3M58250.D	AC42161-002(100	01/15/09 13:32
3M58251.D	AC42161-006(100	01/15/09 13:54
3M58252.D	AC42161-008(100	01/15/09 14:17
3M58253.D	BLK	01/15/09 14:36
3M58254.D	AC42148-008(10X)	01/15/09 14:56
3M58255.D	AC42148-005(10X)	01/15/09 15:18
3M58256.D	AC42148-003(10X)	01/15/09 15:40
3M58257.D	AC42148-006(10X)	01/15/09 16:04
3M58258.D	BLK	01/15/09 16:24
3M58259.D	AC42169-003	01/15/09 16:42
3M58260.D	AC42132-001	01/15/09 16:59
3M58261.D	AC42132-002	01/15/09 17:17
3M58262.D	AC42146-001	01/15/09 17:34
3M58263.D	AC42050-001	01/15/09 17:51
3M58264.D	MBS10978	01/15/09 18:08
3M58265.D	AC42101-003(MS)	01/15/09 18:25
3M58266.D	AC42101-003(MSD	01/15/09 18:44
3M58267.D	MBS10979	01/15/09 19:01
3M58268.D	BLK	01/15/09 19:19
3M58269.D	BLK	01/15/09 19:37

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-15-09\
Data File : 3M58229.D
Acq On : 15 Jan 2009 7:05
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 8 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2008\GCMS_3\METHODS\3M_A0113.M
Title : @GCMS_3,ug,624,8260
Last Update : Wed Jan 14 13:50:11 2009



Spectrum Information: Average of 4.443 to 4.483 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.4	13198	PASS
75	95	30	60	50.0	26027	PASS
95	95	100	100	100.0	52034	PASS
96	95	5	9	6.5	3360	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	87.1	45345	PASS
175	174	5	9	7.3	3310	PASS
176	174	95	101	99.7	45209	PASS
177	176	5	9	7.2	3237	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M40622.D
Analysis Date: 01/15/09 15:29
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.381 to 4.431 min

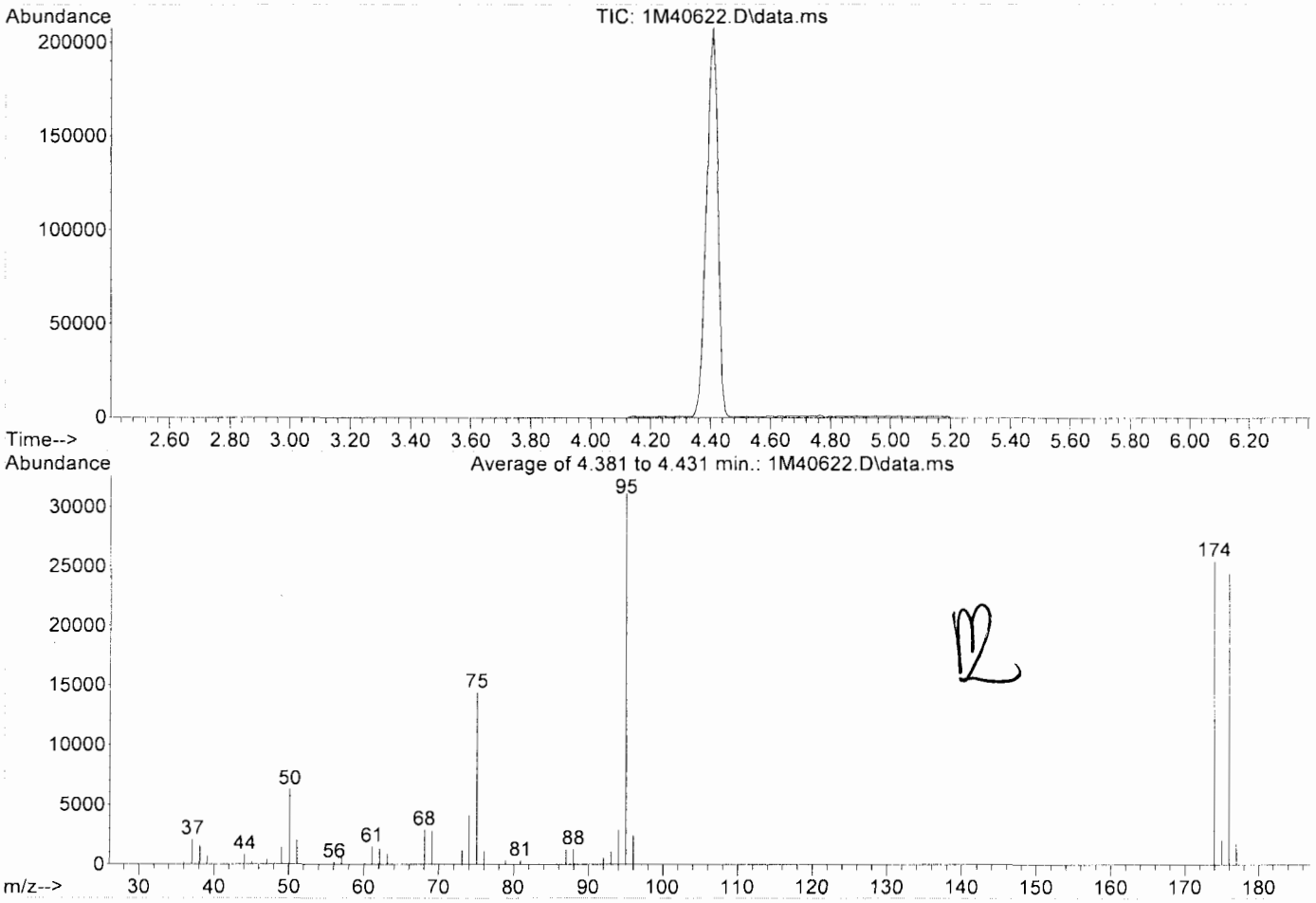
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.2	6277	PASS
75	95	30	60	46.3	14403	PASS
95	95	100	100	100.0	31123	PASS
96	95	5	9	8.0	2495	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.8	25473	PASS
175	174	5	9	8.2	2086	PASS
176	174	95	101	96.2	24510	PASS
177	176	5	9	7.4	1812	PASS

Data File	Sample Number	Analysis Date:
1M40623.D	50 PPB	01/15/09 15:40
1M40624.D	CAL @ 50 PPB	01/15/09 16:08
1M40625.D	BLK	01/15/09 16:29
1M40626.D	BLK	01/15/09 16:46
1M40627.D	BLK	01/15/09 17:03
1M40628.D	DAILY BLANK	01/15/09 17:20
1M40629.D	MBS10974	01/15/09 17:37
1M40630.D	MBS10975	01/15/09 17:54
1M40631.D	BLK	01/15/09 18:11
1M40632.D	BLK	01/15/09 18:28
1M40633.D	AC42144-001	01/15/09 18:45
1M40634.D	AC42144-002	01/15/09 19:02
1M40635.D	AC42144-003	01/15/09 19:19
1M40636.D	AC42144-004	01/15/09 19:36
1M40637.D	AC42144-007	01/15/09 19:53
1M40638.D	AC42144-008	01/15/09 20:10
1M40639.D	AC42144-018	01/15/09 20:27
1M40640.D	AC42144-019	01/15/09 20:44
1M40641.D	AC42183-001	01/15/09 21:01
1M40642.D	AC42183-003	01/15/09 21:18
1M40643.D	AC42183-005	01/15/09 21:35
1M40644.D	AC42183-007	01/15/09 21:52
1M40645.D	AC42183-009	01/15/09 22:09
1M40646.D	AC42183-011	01/15/09 22:26
1M40647.D	AC42183-013	01/15/09 22:43
1M40648.D	AC41930-009	01/15/09 22:59
1M40649.D	AC42169-001	01/15/09 23:16
1M40650.D	AC42169-005	01/15/09 23:33
1M40651.D	AC42152-002	01/15/09 23:50
1M40652.D	MBS10976	01/16/09 00:07
1M40653.D	MBS10977	01/16/09 00:24
1M40654.D	BLK	01/16/09 00:41
1M40655.D	BLK	01/16/09 00:58
1M40656.D	BLK	01/16/09 01:15
1M40657.D	BLK	01/16/09 01:32
1M40658.D	BLK	01/16/09 01:49
1M40659.D	BLKCLO(LAB)	01/16/09 02:06
1M40660.D	BLKOP(LAB)	01/16/09 02:23
1M40661.D	BLKCLO(11509)	01/16/09 02:39
1M40662.D	BLKOP(11509)	01/16/09 02:56
1M40663.D	BLKCLO(11409)	01/16/09 03:13
1M40664.D	BLKOP(11409)	01/16/09 03:30
1M40665.D	BLKTEST(1/9)	01/16/09 03:47
1M40666.D	BLKTEST(1/9)TAP	01/16/09 04:04
1M40667.D	BLKTEST(1/9)TAP	01/16/09 04:21
1M40668.D	BLK	01/16/09 04:37

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-1509\
Data File : 1M40622.D
Acq On : 15 Jan 2009 15:29
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_1\METHODQT\1M_S0113.M
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jan 14 10:03:04 2009



Spectrum Information: Average of 4.381 to 4.431 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.2	6277	PASS
75	95	30	60	46.3	14403	PASS
95	95	100	100	100.0	31123	PASS
96	95	5	9	8.0	2495	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.8	25473	PASS
175	174	5	9	8.2	2086	PASS
176	174	95	101	96.2	24510	PASS
177	176	5	9	7.4	1812	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 1M40759.D
Instrument: GCMS 1 **Analysis Date:** 01/19/09 09:33
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.422 to 4.481 min

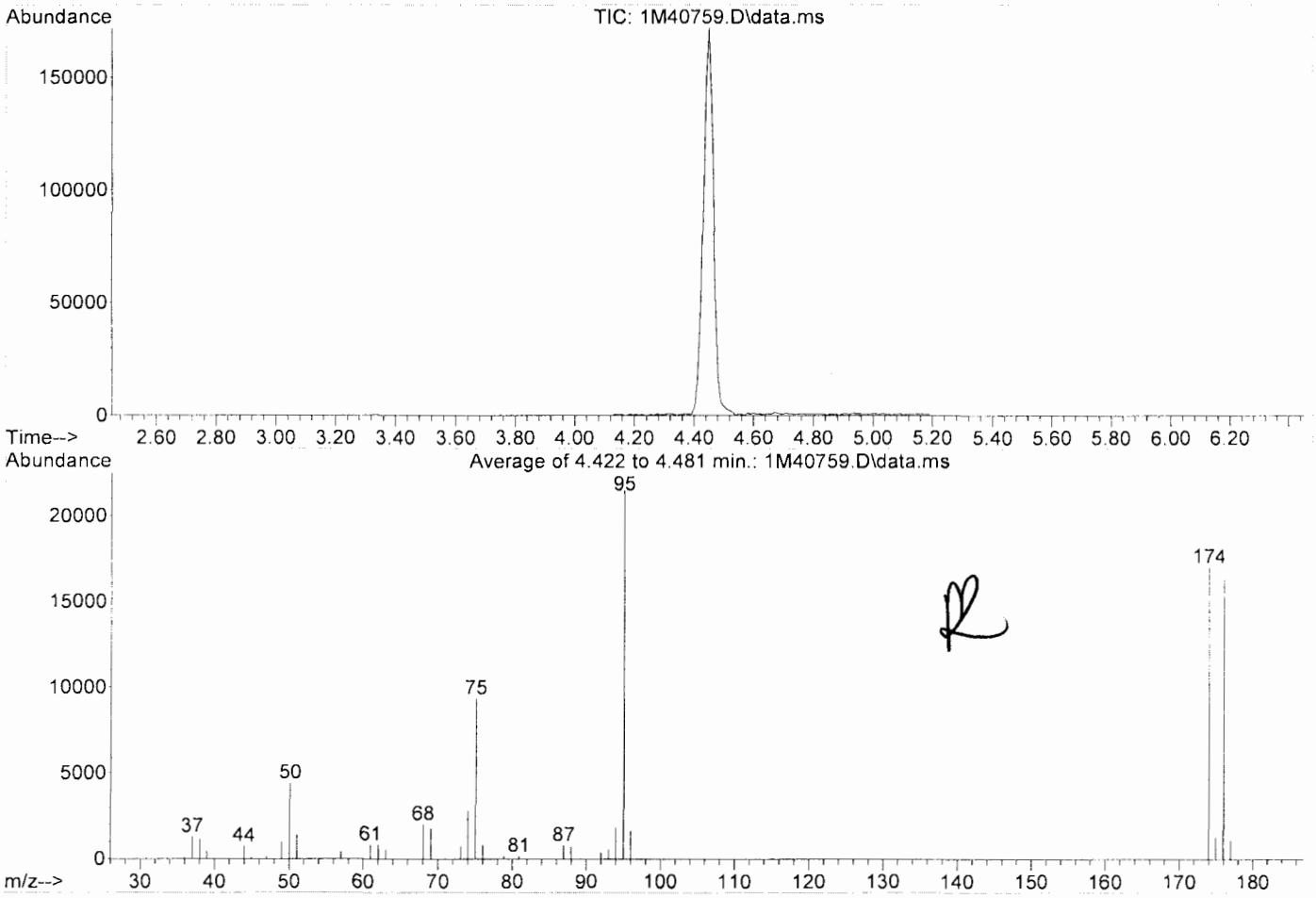
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.5	4411	PASS
75	95	30	60	43.5	9342	PASS
95	95	100	100	100.0	21489	PASS
96	95	5	9	7.8	1666	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.1	17000	PASS
175	174	5	9	7.6	1284	PASS
176	174	95	101	96.4	16384	PASS
177	176	5	9	6.8	1122	PASS

Data File	Sample Number	Analysis Date:
1M40760.D	CAL @ 50 PPB	01/19/09 09:43
1M40761.D	BLK	01/19/09 10:08
1M40762.D	BLK	01/19/09 10:25
1M40763.D	BLK	01/19/09 10:42
1M40764.D	DAILY BLANK	01/19/09 10:59
1M40765.D	MBS10995	01/19/09 11:20
1M40766.D	MBS10999	01/19/09 11:56
1M40767.D	BLK	01/19/09 12:13
1M40768.D	AC42235-002	01/19/09 12:30
1M40769.D	AC42235-006	01/19/09 12:47
1M40770.D	AC42235-004	01/19/09 13:04
1M40771.D	BLK	01/19/09 13:21
1M40772.D	AC42076-003	01/19/09 13:38
1M40773.D	AC42178-002	01/19/09 13:55
1M40774.D	AC42203-004	01/19/09 14:12
1M40775.D	AC42203-005	01/19/09 14:29
1M40776.D	AC42203-006	01/19/09 14:46
1M40777.D	AC42203-002	01/19/09 15:03
1M40778.D	AC42194-001	01/19/09 15:20
1M40779.D	AC42176-001	01/19/09 15:37
1M40780.D	AC42176-002	01/19/09 15:54
1M40781.D	AC42176-003	01/19/09 16:11
1M40782.D	BLK	01/19/09 16:28
1M40783.D	AC42180-002	01/19/09 16:45
1M40784.D	AC42191-001(5X)	01/19/09 17:02
1M40785.D	AC42203-007	01/19/09 17:19
1M40786.D	AC42203-008	01/19/09 17:36
1M40787.D	AC42203-010	01/19/09 17:53
1M40788.D	AC42204-001	01/19/09 18:10
1M40789.D	AC42236-001	01/19/09 18:27
1M40790.D	AC42144-019(MS)	01/19/09 18:43
1M40791.D	AC42144-019(MSD	01/19/09 19:00
1M40792.D	BLK	01/19/09 19:17
1M40793.D	BLK	01/19/09 19:34
1M40794.D	MBS11004	01/19/09 19:51
1M40795.D	BLK	01/19/09 20:08
1M40796.D	AC42180-004	01/19/09 20:25
1M40797.D	AC42180-003	01/19/09 20:42
1M40798.D	MBS11005	01/19/09 20:59
1M40799.D	AC42183-007(MS)	01/19/09 21:16
1M40800.D	AC42183-007(MSD	01/19/09 21:32
1M40801.D	BLK	01/19/09 21:49
1M40802.D	BLK	01/19/09 22:06
1M40803.D	BLK	01/19/09 22:23
1M40804.D	BLK	01/19/09 22:40
1M40805.D	BLK	01/19/09 22:57
1M40806.D	BLK	01/19/09 23:14
1M40807.D	BLK	01/19/09 23:31
1M40808.D	BLK	01/19/09 23:47
1M40809.D	BLK	01/20/09 00:04
1M40810.D	BLKTEST	01/20/09 00:21
1M40811.D	BLKrandom vial(1/	01/20/09 00:38
1M40812.D	BLKprep(1/12)prep	01/20/09 00:55
1M40813.D	BLKnotape(1/12)pr	01/20/09 01:13
1M40814.D	BLKoutsidetape(1/	01/20/09 01:29
1M40815.D	BLKinside tape(1/1	01/20/09 01:46
1M40816.D	BLKclo(011909)	01/20/09 02:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-19-09\
Data File : 1M40759.D
Acq On : 19 Jan 2009 9:33
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 5 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_1\METHODQT\1M_S0113.M
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jan 14 10:03:04 2009



Spectrum Information: Average of 4.422 to 4.481 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.5	4411	PASS
75	95	30	60	43.5	9342	PASS
95	95	100	100	100.0	21489	PASS
96	95	5	9	7.8	1666	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.1	17000	PASS
175	174	5	9	7.6	1284	PASS
176	174	95	101	96.4	16384	PASS
177	176	5	9	6.8	1122	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 3M57493.D
Instrument: GCMS 3 **Analysis Date:** 12/19/08 10:41
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.412 to 4.481 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.4	20747	PASS
75	95	30	60	48.8	41514	PASS
95	95	100	100	100.0	85111	PASS
96	95	5	9	6.8	5803	PASS
173	174	0.00	2	0.2	169	PASS
174	95	50	100	88.2	75090	PASS
175	174	5	9	7.4	5543	PASS
176	174	95	101	98.5	73929	PASS
177	176	5	9	6.8	5032	PASS

Data File	Sample Number	Analysis Date:
3M57494.D	CAL @ 1 PPB	12/19/08 10:51
3M57495.D	CAL @ 0.5 PPB	12/19/08 11:11
3M57496.D	5 PPB	12/19/08 11:29
3M57497.D	CAL @ 500 PPB	12/19/08 11:46
3M57498.D	CAL @ 250 PPB	12/19/08 12:03
3M57499.D	CAL @ 100 PPB	12/19/08 12:20
3M57500.D	CAL @ 50 PPB	12/19/08 12:37
3M57501.D	CAL @ 20 PPB	12/19/08 12:55
3M57502.D	CAL @ 10 PPB	12/19/08 13:12
3M57503.D	BLK	12/19/08 13:29
3M57504.D	STDTEST	12/19/08 13:46
3M57505.D	BLK	12/19/08 14:03
3M57506.D	CAL @ 5 PPB	12/19/08 14:20
3M57507.D	STDTEST	12/19/08 14:56
3M57508.D	ICV	12/19/08 15:38
3M57509.D	BLK	12/19/08 15:55
3M57510.D	DAILY BLANK	12/19/08 16:12
3M57511.D	DAILY BLANK	12/19/08 16:29
3M57512.D	AC41811-007	12/19/08 16:46
3M57513.D	MBS10797	12/19/08 17:03
3M57514.D	MBS10798	12/19/08 17:21
3M57515.D	AC41831-003(10X)	12/19/08 17:38
3M57516.D	AC41811-006	12/19/08 17:55
3M57517.D	AC41811-001	12/19/08 18:12
3M57518.D	AC41811-002	12/19/08 18:29
3M57519.D	AC41811-003	12/19/08 18:46
3M57520.D	AC41811-004	12/19/08 19:06
3M57521.D	AC41811-005	12/19/08 19:23
3M57522.D	AC41831-004(10X)	12/19/08 19:40
3M57523.D	AC41684-035(MS)	12/19/08 19:57
3M57524.D	AC41684-035(MSD	12/19/08 20:14
3M57525.D	MBS10807	12/19/08 20:31
3M57526.D	AC41830-001(200	12/19/08 20:48
3M57527.D	AC41830-003	12/19/08 21:05
3M57528.D	AC41830-004	12/19/08 21:22
3M57529.D	AC41830-010(5X)	12/19/08 21:42
3M57530.D	AC41830-007(10X)	12/19/08 22:04
3M57531.D	AC41830-008(10X)	12/19/08 22:27
3M57532.D	AC41830-009(10X)	12/19/08 22:50
3M57533.D	AC41830-005(10X)	12/19/08 23:14
3M57534.D	AC41830-006(50X)	12/19/08 23:37
3M57535.D	AC41830-002(50X)	12/20/08 00:00
3M57536.D	MBS10804	12/20/08 00:20
3M57537.D	BLK	12/20/08 00:37
3M57538.D	BLK	12/20/08 00:54
3M57539.D	BLK	12/20/08 01:11
3M57540.D	BLK	12/20/08 01:29
3M57541.D	AC41819-034	12/20/08 01:46
3M57542.D	AC41819-035	12/20/08 02:03
3M57543.D	AC41819-002	12/20/08 02:20
3M57544.D	AC41819-004	12/20/08 02:37
3M57545.D	AC41819-007	12/20/08 02:55
3M57546.D	AC41819-008	12/20/08 03:12
3M57547.D	AC41819-009	12/20/08 03:29
3M57548.D	AC41819-013	12/20/08 03:47
3M57549.D	AC41819-015	12/20/08 04:04
3M57550.D	AC41819-024	12/20/08 04:21
3M57551.D	AC41819-025	12/20/08 04:38
3M57552.D	BLK	12/20/08 04:55
3M57553.D	AC41819-029	12/20/08 05:12
3M57554.D	AC41819-030	12/20/08 05:30
3M57555.D	AC41819-031	12/20/08 05:47
3M57556.D	AC41819-003	12/20/08 06:04
3M57557.D	AC41819-010	12/20/08 06:22
3M57558.D	AC41819-011	12/20/08 06:39

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M57493.D
Analysis Date: 12/19/08 10:41
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.412 to 4.481 min

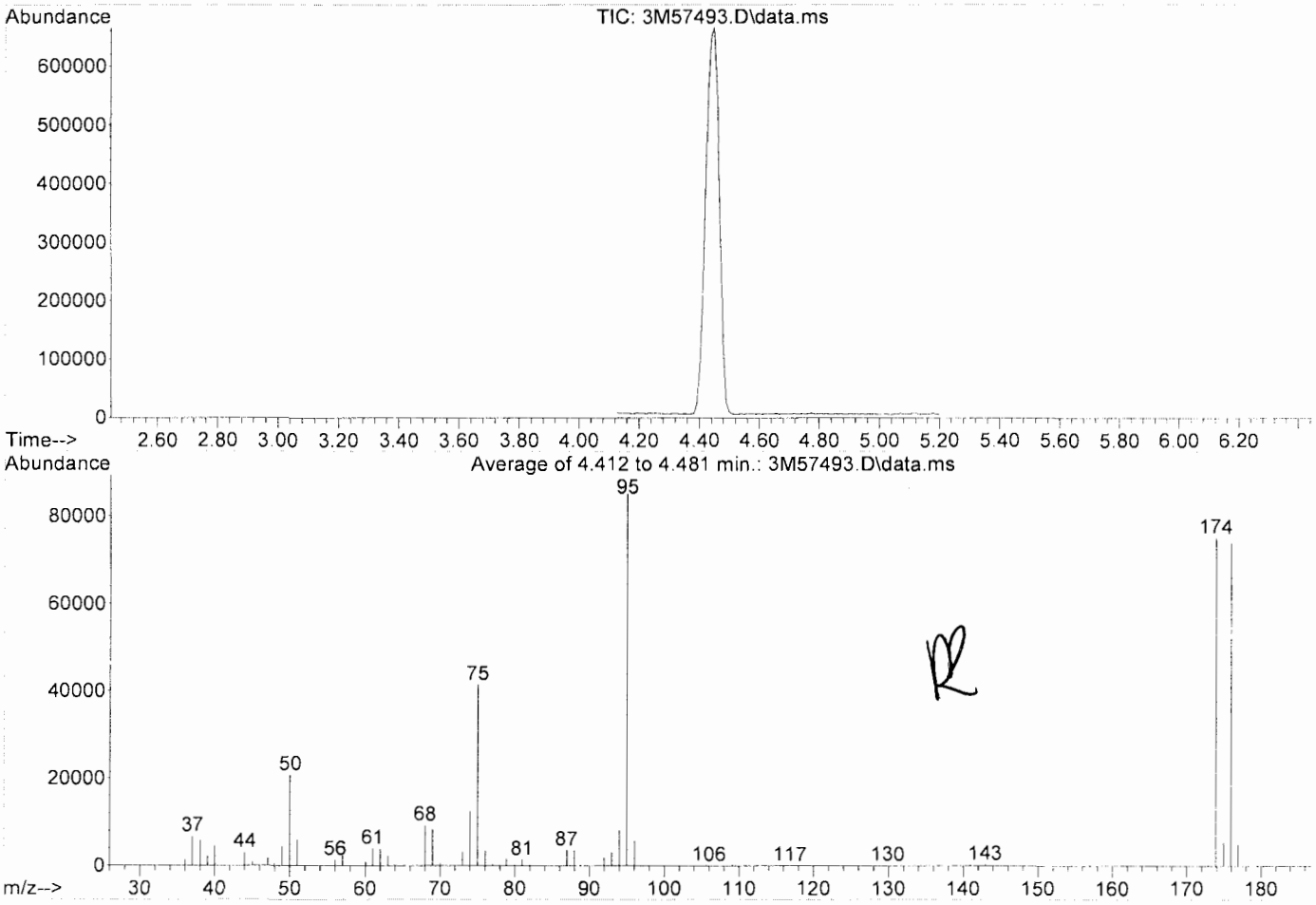
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.4	20747	PASS
75	95	30	60	48.8	41514	PASS
95	95	100	100	100.0	85111	PASS
96	95	5	9	6.8	5803	PASS
173	174	0.00	2	0.2	169	PASS
174	95	50	100	88.2	75090	PASS
175	174	5	9	7.4	5543	PASS
176	174	95	101	98.5	73929	PASS
177	176	5	9	6.8	5032	PASS

3M57559.D	AC41819-014	12/20/08 06:56
3M57560.D	AC41819-021	12/20/08 07:13
3M57561.D	AC41819-022	12/20/08 07:30
3M57562.D	MBS10805	12/20/08 07:47
3M57563.D	AC41662-004(MS)	12/20/08 08:04
3M57564.D	AC41662-004(MSD	12/20/08 08:21
3M57565.D	MBS10806	12/20/08 08:38
3M57566.D	BLK	12/20/08 08:55
3M57567.D	AC41775-007	12/20/08 09:13
3M57568.D	BLK	12/20/08 09:30
3M57569.D	BLK	12/20/08 09:47
3M57570.D	BLK	12/20/08 10:04
3M57571.D	BLK	12/20/08 10:21

Data Path : G:\GcMsData\2008\GCMS_3\Data\12-19-08\
Data File : 3M57493.D
Acq On : 19 Dec 2008 10:41
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2008\GCMS_3\METHODS\3M_A1118.M
Title : @GCMS_3,ug,624,8260
Last Update : Thu Nov 20 13:24:15 2008



Spectrum Information: Average of 4.412 to 4.481 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.4	20747	PASS
75	95	30	60	48.8	41514	PASS
95	95	100	100	100.0	85111	PASS
96	95	5	9	6.8	5803	PASS
173	174	0.00	2	0.2	169	PASS
174	95	50	100	88.2	75090	PASS
175	174	5	9	7.4	5543	PASS
176	174	95	101	98.5	73929	PASS
177	176	5	9	6.8	5032	PASS

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 1M40628.D
Analysis Date: 01/15/09 17:20
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1.00
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0050	U	56-23-5	Carbon Tetrachloride	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U	108-90-7	Chlorobenzene	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0050	U	75-00-3	Chloroethane	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U	67-66-3	Chloroform	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U	74-87-3	Chloromethane	0.0050	U
75-35-4	1,1-Dichloroethene	0.0050	U	156-59-2	cis-1,2-Dichloroethene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U	10061-01-5	cis-1,3-Dichloropropene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U	75-71-8	Dichlorodifluoromethane	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U	100-41-4	Ethylbenzene	0.0010	U
78-87-5	1,2-Dichloropropane	0.0050	U	98-82-8	Isopropylbenzene	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	136777612	m&p-Xylenes	0.0020	U
541-73-1	1,3-Dichlorobenzene	0.0050	U	75-09-2	Methylene Chloride	0.0050	U
142-28-9	1,3-Dichloropropane	0.0050	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0050	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.25	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0050	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0050	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0050	U	100-42-5	Styrene	0.0050	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.025	U
108-10-1	4-Methyl-2-Pentanone	0.0050	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.025	U	127-18-4	Tetrachloroethene	0.0050	U
107-02-8	Acrolein	0.025	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0050	U	156-60-5	trans-1,2-Dichloroethene	0.0050	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U	79-01-6	Trichloroethene	0.0050	U
75-25-2	Bromoform	0.0050	U	75-69-4	Trichlorofluoromethane	0.0050	U
74-83-9	Bromomethane	0.0050	U	75-01-4	Vinyl Chloride	0.0050	U
75-15-0	Carbon Disulfide	0.0050	U				

Worksheet #: 107154

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

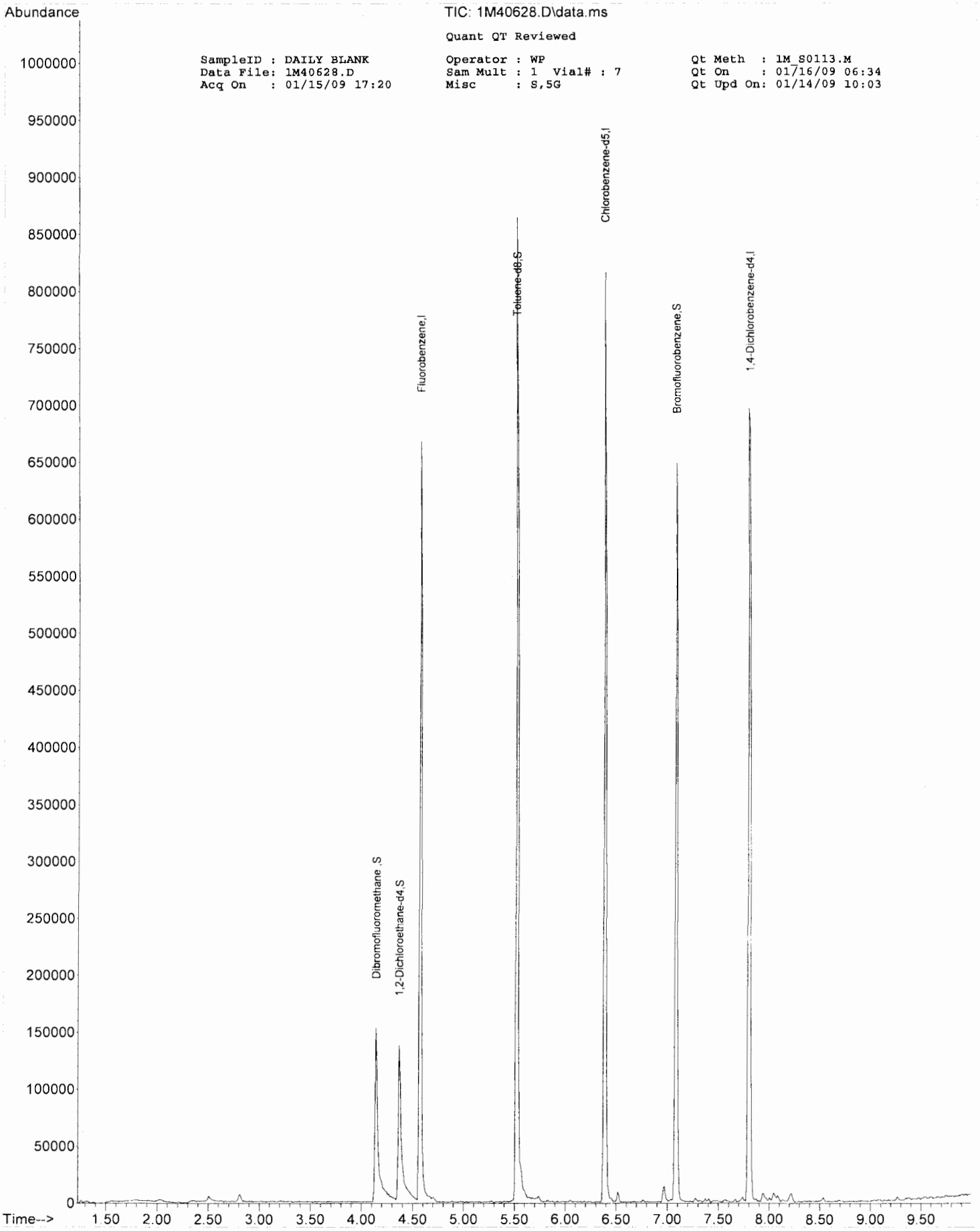
Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40628.D Sam Mult : 1 Vial# : 7 Qt On : 01/16/09 06:34
Acq On : 01/15/09 17:20 Misc : S,5G Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-1509\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.575	96	380185	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.388	117	318078	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.808	152	181977	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.141	111	104003	37.91	ug/l	0.00
Spiked Amount 30.000			Recovery =	126.37%		
32) 1,2-Dichloroethane-d4	4.368	102	21852	36.18	ug/l	-0.01
Spiked Amount 30.000			Recovery =	120.60%		
56) Toluene-d8	5.521	100	259460	28.13	ug/l	-0.01
Spiked Amount 30.000			Recovery =	93.77%		
64) Bromofluorobenzene	7.088	174	157042	28.51	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.03%		
Target Compounds						Qvalue

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


Abundance
TIC: 1M40628.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 1M40628.D
Acq On : 01/15/09 17:20
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : S,5G
Qt Meth : 1M_S0113.M
Qt On : 01/16/09 06:34
Qt Upd On: 01/14/09 10:03
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 3M58231.D
Analysis Date: 01/15/09 08:00
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

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

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U				

Worksheet #: 107154

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK
Data File: 3M58231.D
Acq On : 01/15/09 08:00

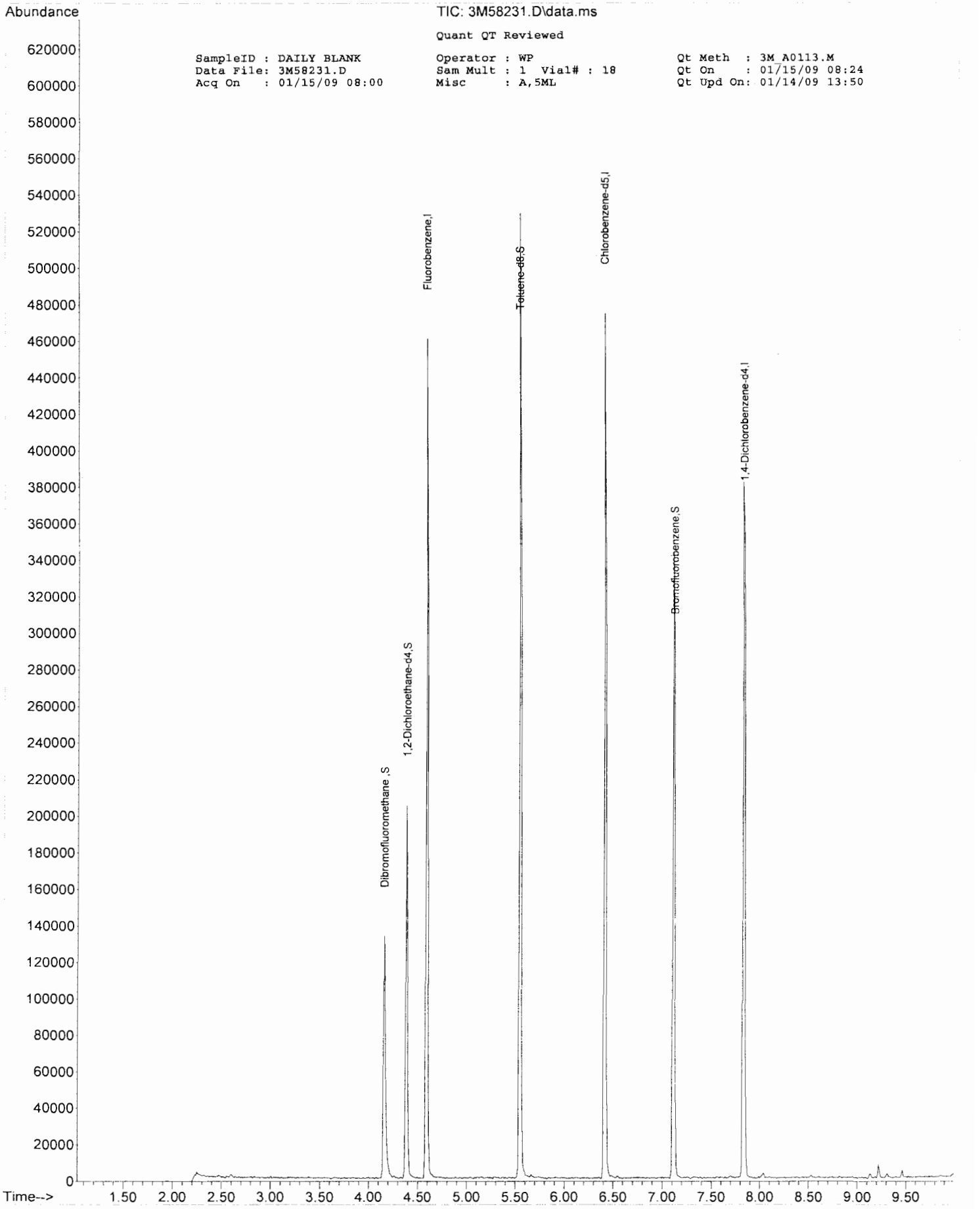
Operator : WP
Sam Mult : 1 Vial# : 18
Misc : A,5ML

Qt Meth : 3M_A0113.M
Qt On : 01/15/09 08:24
Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-15-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.591	96	215741	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.413	117	174609	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.841	152	91863	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.158	111	66642	31.07	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.57%			
32) 1,2-Dichloroethane-d4	4.385	102	14161	30.63	ug/l	-0.01
Spiked Amount 30.000			Recovery = 102.10%			
56) Toluene-d8	5.547	100	138073	28.37	ug/l	-0.01
Spiked Amount 30.000			Recovery = 94.57%			
64) Bromofluorobenzene	7.123	174	80191	28.50	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.00%			
Target Compounds						Qvalue

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


Abundance
TIC: 3M58231.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 3M58231.D
Acq On : 01/15/09 08:00
Operator : WP
Sam Mult : 1 Vial# : 18
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/15/09 08:24
Qt Upd On: 01/14/09 13:50
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 6M37001.D
Analysis Date: 01/15/09 08:14
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

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

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U				

Worksheet #: 107154

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK
Data File: 6M37001.D
Acq On : 01/15/09 08:14

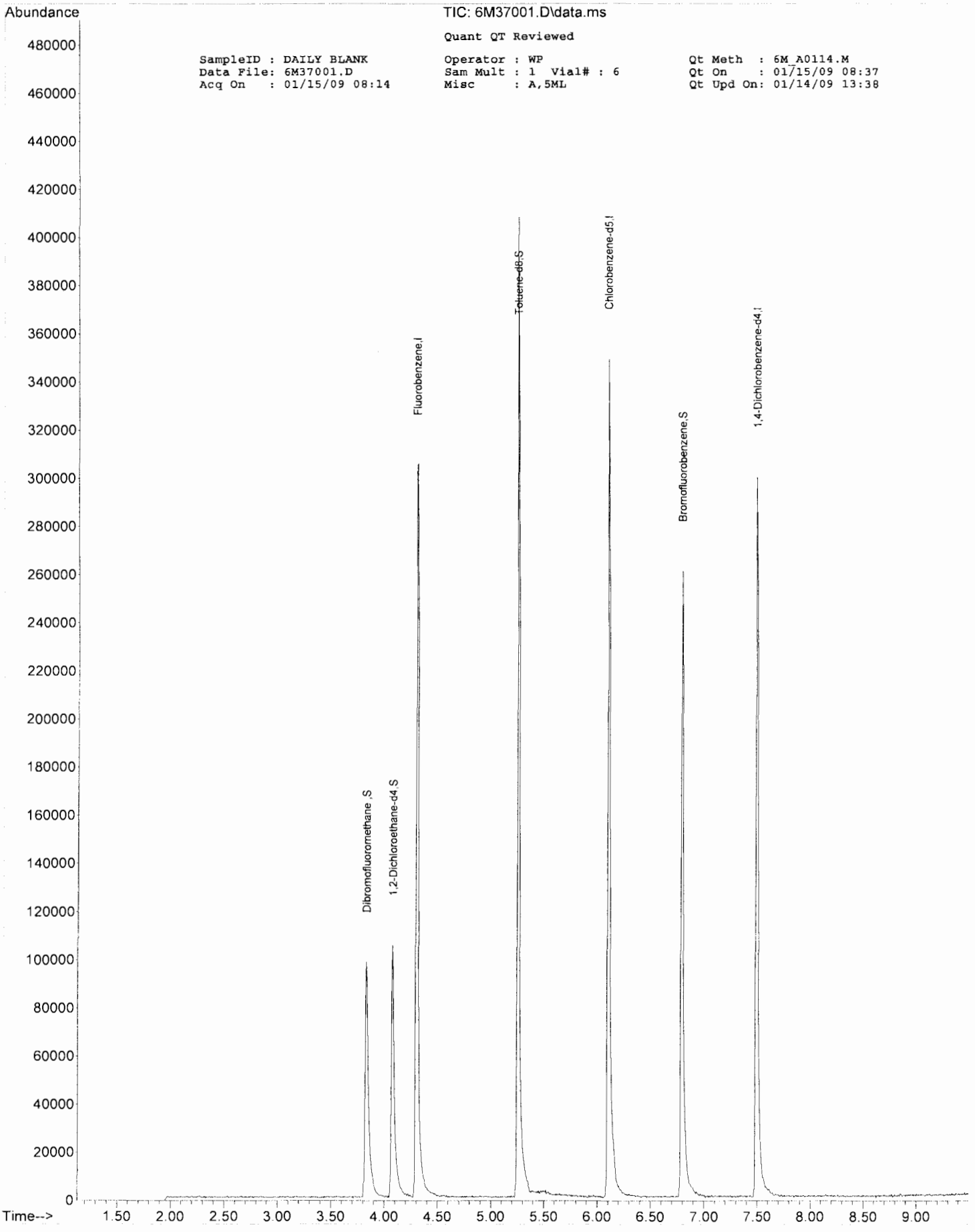
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/15/09 08:37
Qt Upd On: 01/14/09 13:38

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-15-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.299	96	206357	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.101	117	163870	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.495	152	78778	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.831	111	70263	32.17	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.23%			
32) 1,2-Dichloroethane-d4	4.077	67	44492	31.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.47%			
56) Toluene-d8	5.254	98	210341	27.91	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.03%			
64) Bromofluorobenzene	6.792	174	77521	30.83	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.77%			
Target Compounds						Qvalue

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


Abundance
TIC: 6M37001.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 6M37001.D
Acq On : 01/15/09 08:14
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/15/09 08:37
Qt Upd On: 01/14/09 13:38
Dibromofluoromethane ,S
1,2-Dichloroethane-d4 S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form3

MBS Data

Method: 8260

Data File:==>					1M40597.D			6M37003.D											
Data/Batch/Sample ID:==>					MBS10968			MBS10970											
Date/Time:==>					01/15/09 08:27			01/15/09 08:46											
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1-Dichloroethane	14-127	44-134	1	0	30.55	50	61	18.75	20	94									
1,1-Dichloroethene	8-114	21-133	1	0	29.74	50	59	19.24	20	96									
1,2-Dichlorobenzen	19-113	50-126	1	0	39.12	50	78	17.55	20	88									
1,2-Dichloroethane	18-130	43-144	1	0	32.4	50	65	19.43	20	97									
1,4-Dichlorobenzen	20-110	45-128	1	0	39.83	50	80	17.86	20	89									
2-Butanone	4-141	25-157	1	0	29.62	50	59	20.27	20	101									
Benzene	21-122	49-135	1	0	35.32	50	71	18.6	20	93									
Carbon Tetrachlorid	19-122	42-146	1	0	34.38	50	69	21.71	20	109									
Chlorobenzene	21-117	51-129	1	0	31.07	50	62	18.27	20	91									
Chloroform	26-119	40-148	1	0	34.5	50	69	19.35	20	97									
n-Propylbenzene	16-122	45-135	1	0	35.5	50	71	17.88	20	89									
sec-Butylbenzene	9-125	43-123	1	0	32.98	50	66	17.88	20	89									
Tetrachloroethene	18-116	42-138	1	0	36.71	50	73	19.56	20	98									
Toluene	19-128	53-129	1	0	35.59	50	71	19	20	95									
Trichloroethene	21-116	46-127	1	0	33.98	50	68	18.42	20	92									
Vinyl Chloride	6-117	21-137	1	0	16.15	50	32	16.02	20	80									

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

Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40597.D Sam Mult : 1 Vial# : 6 Qt On : 01/15/09 08:59
Acq On : 01/15/09 08:27 Misc : S,5G Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.576	96	304454	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.389	117	277504	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.809	152	171832	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.142	111	76788	34.95	ug/l	0.00
Spiked Amount 30.000			Recovery = 116.50%			
32) 1,2-Dichloroethane-d4	4.369	102	17125	35.40	ug/l	-0.01
Spiked Amount 30.000			Recovery = 118.00%			
56) Toluene-d8	5.522	100	229750	28.55	ug/l	-0.01
Spiked Amount 30.000			Recovery = 95.17%			
64) Bromofluorobenzene	7.089	174	142780	27.46	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.53%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.398	85	13133	4.69	ug/l	97
4) Chloromethane	1.515	50	27573	14.27	ug/l	98
5) Bromomethane	1.833	94	12811	29.29	ug/l	98
6) Vinyl Chloride	1.599	62	22425	16.15	ug/l	99
7) Chloroethane	1.900	64	17049	31.85	ug/l	95
8) Trichlorofluoromethane	2.068	101	120170	26.79	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.437	101	99612	33.01	ug/l	96
10) Methylene Chloride	2.812	84	98100	29.96	ug/l	93
11) Acrolein	2.388	56	35661	81.21	ug/l	92
12) Acrylonitrile	3.009	53	23690	27.37	ug/l	76
13) Iodomethane	2.575	142	94287	27.96	ug/l	98
14) Acetone	2.506	43	101295	135.12	ug/l	96
15) Carbon Disulfide	2.624	76	288797	27.97	ug/l	100
16) t-Butyl Alcohol	2.457	59	7599	156.06	ug/l	46
17) n-Hexane	3.206	57	132608	28.80	ug/l	87
18) Di-isopropyl-ether	3.374	45	419533	28.05	ug/l	87
19) 1,1-Dichloroethene	2.457	61	178430	29.74	ug/l	98
20) Methyl Acetate	2.506	43	100514	36.07	ug/l	100
21) Methyl-t-butyl ether	3.009	73	149686	25.12	ug/l	94
22) 1,1-Dichloroethane	3.344	63	209655	30.55	ug/l	99
23) trans-1,2-Dichloroethene	3.019	96	106814	34.55	ug/l	85
24) cis-1,2-Dichloroethene	3.807	61	213039	30.49	ug/l	95
25) Bromochloromethane	3.985	49	92932	23.07	ug/l	82
26) 2,2-Dichloropropane	3.807	77	158746	37.88	ug/l	94
27) 1,4-Dioxane	5.019	88	38881	1462.36	ug/l	73
28) 1,1-Dichloropropene	4.270	75	179804	34.69	ug/l	94
29) Chloroform	4.034	83	196720	34.50	ug/l	99
31) Cyclohexane	4.192	56	239366	30.50	ug/l	88
33) 1,2-Dichloroethane	4.418	62	150985	32.40	ug/l	99
34) 2-Butanone	3.817	43	34360	29.62	ug/l	87
35) 1,1,1-Trichloroethane	4.162	97	167542	34.19	ug/l	95
36) Carbon Tetrachloride	4.270	117	155644	34.38	ug/l	91
37) Vinyl Acetate	3.374	43	314573	26.68	ug/l	100
38) Bromodichloromethane	5.098	83	164198	31.27	ug/l	94
39) Methylcyclohexane	4.911	83	243137	32.16	ug/l	85
40) Dibromomethane	5.019	174	83686	31.57	ug/l	93
41) 1,2-Dichloropropane	4.941	63	138310	29.96	ug/l	96
42) Trichloroethene	4.793	130	151265	33.98	ug/l	96
43) Benzene	4.408	78	481459	35.32	ug/l	100
44) tert-Amyl methyl ether	4.458	73	181498	31.96	ug/l	88
46) Dibromochloromethane	6.044	129	121589	30.67	ug/l	98
47) 2-Chloroethylvinylether	5.266	63	34943	29.79	ug/l	91
48) cis-1,3-Dichloropropene	5.364	75	164944	30.13	ug/l	99
49) trans-1,3-Dichloropropene	5.690	75	130179	29.78	ug/l	94
50) 1,1,2-Trichloroethane	5.798	97	91300	34.12	ug/l	95
51) 1,2-Dibromoethane	6.123	107	80697	29.36	ug/l	97
52) 1,3-Dichloropropane	5.906	76	157294	37.91	ug/l	99
53) 4-Methyl-2-Pentanone	5.443	43	82639	25.70	ug/l	95
54) 2-Hexanone	5.926	43	55024	25.18	ug/l	98
55) Tetrachloroethene	5.897	164	158587	36.71	ug/l	98
57) Toluene	5.561	92	343761	35.59	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.449	133	130988	38.63	ug/l	94
59) Chlorobenzene	6.409	112	386563	31.07	ug/l	100
61) Bromoform	6.912	173	86447	26.93	ug/l	99
62) Ethylbenzene	6.458	106	150976	36.06	ug/l	93
63) 1,1,2,2-Tetrachloroethane	7.158	83	112216	26.03	ug/l	94
65) Styrene	6.774	104	359289	27.82	ug/l	99
66) m&p-Xylenes	6.518	106	479899	76.03	ug/l	99
67) o-Xylene	6.764	106	238601	29.00	ug/l	92

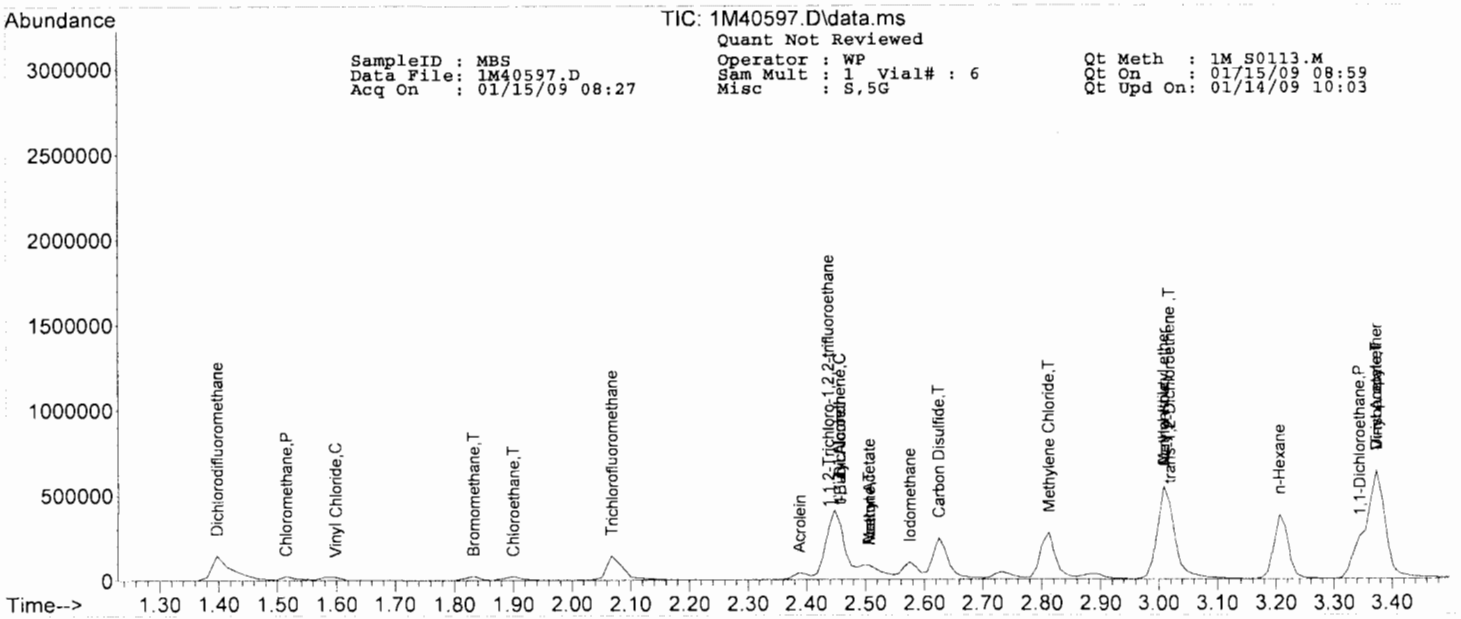
Quantitation Report (Not Reviewed)

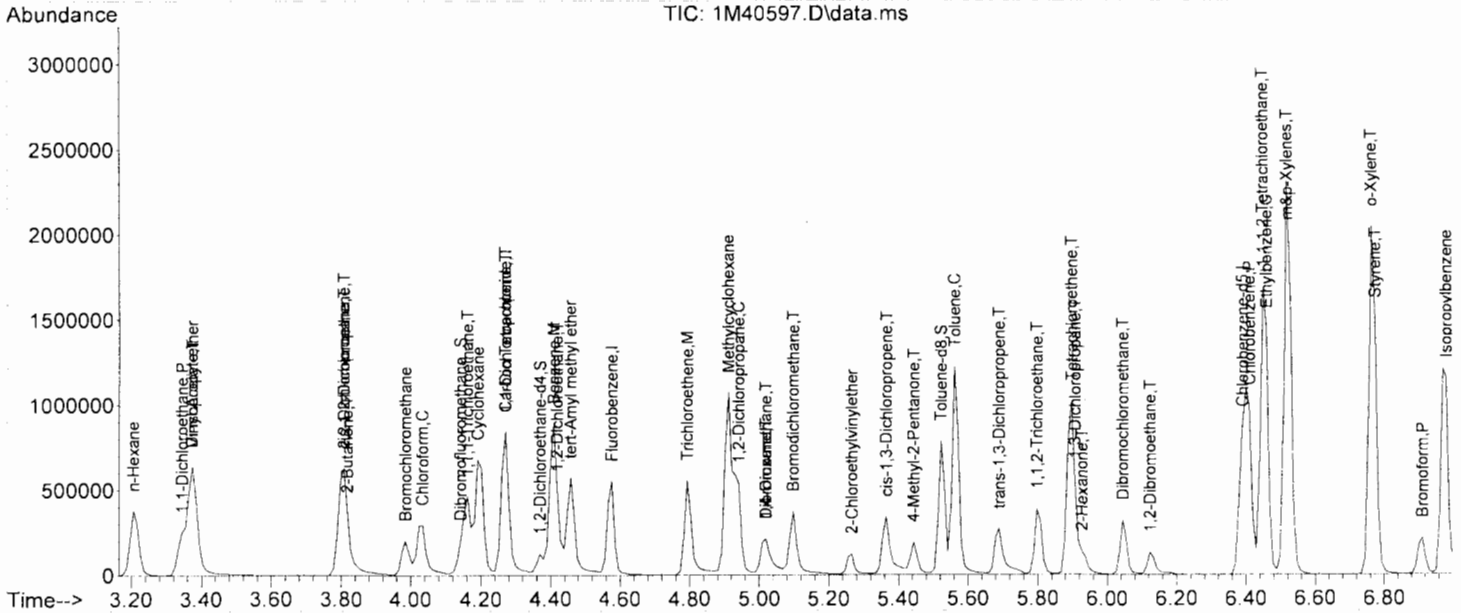
SampleID : MBS Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40597.D Sam Mult : 1 Vial# : 6 Qt On : 01/15/09 08:59
Acq On : 01/15/09 08:27 Misc : S,5G Qt Upd On: 01/14/09 10:03

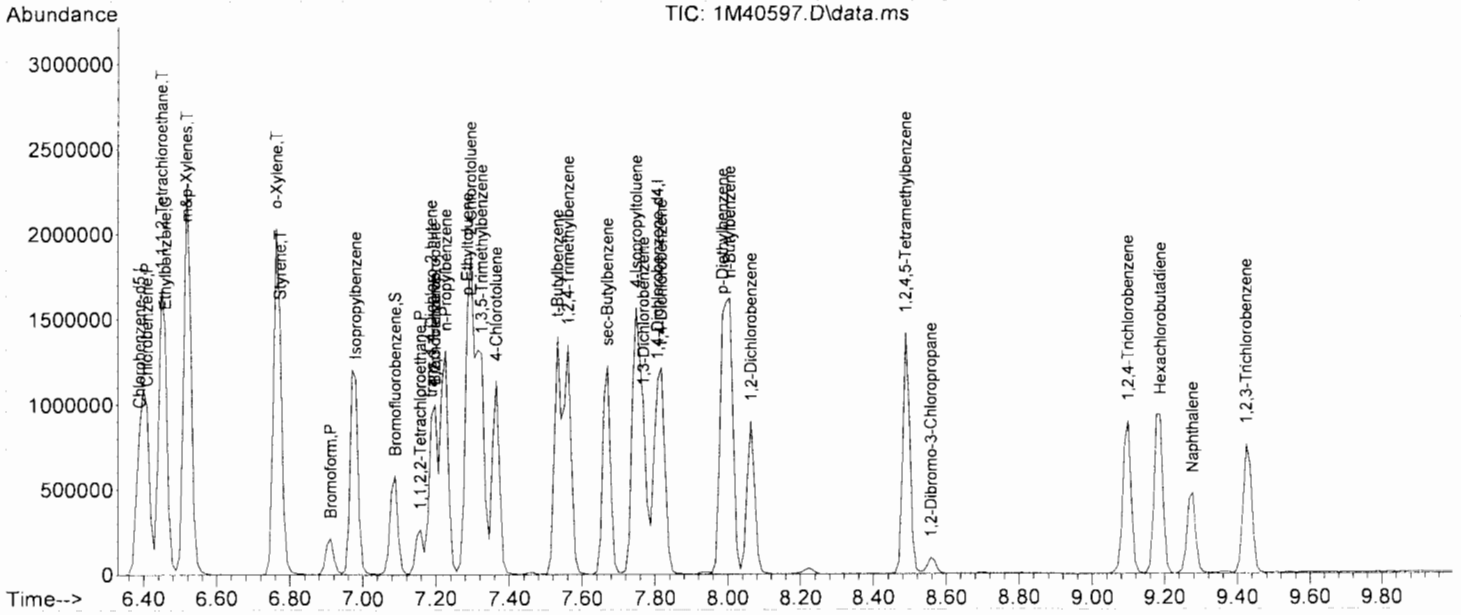
Data Path : G:\GcMsData\2009\GCMS_1\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	7.188	53	41589	37.03 ug/l	74
69) 1,3-Dichlorobenzene	7.769	146	361825	36.72 ug/l	99
70) 1,4-Dichlorobenzene	7.818	146	339911	39.83 ug/l	97
71) 1,2-Dichlorobenzene	8.065	146	320934	39.12 ug/l	98
72) Isopropylbenzene	6.981	105	647708	29.31 ug/l	98
74) 1,2,3-Trichloropropane	7.198	75	135741	32.82 ug/l	93
75) 2-Chlorotoluene	7.296	91	378658	36.47 ug/l	98
76) p-Ethyltoluene	7.286	105	605884	38.37 ug/l	95
77) 4-Chlorotoluene	7.365	91	399640	36.88 ug/l	98
78) n-Propylbenzene	7.227	91	814852	35.50 ug/l	94
79) Bromobenzene	7.198	77	356304	36.09 ug/l	93
80) 1,3,5-Trimethylbenzene	7.326	105	552486	34.71 ug/l	52
81) t-Butylbenzene	7.533	119	566755	34.70 ug/l	97
82) 1,2,4-Trimethylbenzene	7.562	105	593084	35.15 ug/l	98
83) sec-Butylbenzene	7.671	105	702070	32.98 ug/l	99
84) 4-Isopropyltoluene	7.749	119	621186	36.34 ug/l	97
85) n-Butylbenzene	8.006	91	768145	35.90 ug/l	95
86) p-Diethylbenzene	7.986	119	394749	27.90 ug/l	98
87) 1,2,4,5-Tetramethylben...	8.489	119	629824	27.61 ug/l	96
88) 1,2-Dibromo-3-Chloropr...	8.558	157	24265	25.29 ug/l	97
89) Hexachlorobutadiene	9.188	225	212944	31.35 ug/l	97
90) 1,2,4-Trichlorobenzene	9.100	180	283827	37.27 ug/l	98
91) 1,2,3-Trichlorobenzene	9.425	180	255539	35.84 ug/l	98
92) Naphthalene	9.277	128	345656	25.03 ug/l	100

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


Abundance
TIC: 1M40597.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 1M40597.D
Acq On : 01/15/09 08:27
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : S,5G
Qt Meth : 1M_S0113.M
Qt On : 01/15/09 08:59
Qt Upd On: 01/14/09 10:03
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M40597.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
1,2-Dichloropropane,C
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Time-->


Abundance
TIC: 1M40597.D\data.ms
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,T
n-Propylbenzene
4-Chlorotoluene
1,3,5-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene,I
1,4-Dichlorobenzene-d4,I
p-Diethylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M37003.D
Acq On : 01/15/09 08:46

Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/15/09 08:58
Qt Upd On: 01/14/09 13:38

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-15-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.304	96	209565	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.106	117	176716	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.494	152	109079	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.829	111	71771	32.36	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.87%			
32) 1,2-Dichloroethane-d4	4.075	67	45196	31.95	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.50%			
56) Toluene-d8	5.253	98	250783	30.86	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.87%			
64) Bromofluorobenzene	6.791	174	100260	28.80	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.00%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.194	51	67135	17.90	ug/l	55
3) Dichlorodifluoromethane	1.177	85	32137	15.07	ug/l	91
4) Chloromethane	1.304	50	27213	15.40	ug/l	83
5) Bromomethane	1.574	94	20838	17.96	ug/l	88
6) Vinyl Chloride	1.361	62	26930	16.02	ug/l	91
7) Chloroethane	1.632	64	15841	16.29	ug/l	95
8) Trichlorofluoromethane	1.805	101	49762	18.59	ug/l	85
9) 1,1,2-Trichloro-1,2,2-...	2.147	101	28933	22.93	ug/l	96
10) Methylene Chloride	2.477	84	32265	18.26	ug/l	92
11) Acrolein	2.075	56	13168	51.33	ug/l	95
12) Acrylonitrile	2.645	53	10777	19.04	ug/l	82
13) Iodomethane	2.255	142	59394	18.65	ug/l	95
14) Acetone	2.171	43	64418	84.31	ug/l	95
15) Carbon Disulfide	2.309	76	88374	17.93	ug/l	100
16) t-Butyl Alcohol	2.543	59	18830	89.02	ug/l	97
17) n-Hexane	2.892	57	14028	19.87	ug/l	87
18) Di-isopropyl-ether	3.042	45	115587	16.66	ug/l	99
19) 1,1-Dichloroethene	2.147	61	57370	19.24	ug/l	99
20) Methyl Acetate	2.405	43	35183	18.65	ug/l	100
21) Methyl-t-butyl ether	2.681	73	88777	17.78	ug/l	97
22) 1,1-Dichloroethane	2.994	63	69424	18.75	ug/l	99
23) trans-1,2-Dichloroethene	2.681	96	30126	20.75	ug/l	96
24) cis-1,2-Dichloroethene	3.450	61	62898	18.93	ug/l	92
25) Bromochloromethane	3.643	49	30038	17.18	ug/l	75
26) 2,2-Dichloropropane	3.450	77	61695	28.02	ug/l	90
27) 1,4-Dioxane	4.748	88	26697	881.16	ug/l	83
28) 1,1-Dichloropropene	3.979	75	47367	18.81	ug/l	92
29) Chloroform	3.709	83	71827	19.35	ug/l	87
31) Cyclohexane	3.913	56	35700	18.52	ug/l	89
33) 1,2-Dichloroethane	4.129	62	70808	19.43	ug/l	94
34) 2-Butanone	3.462	43	19812	20.27	ug/l	95
35) 1,1,1-Trichloroethane	3.859	97	61800	21.20	ug/l	100
36) Carbon Tetrachloride	3.985	117	52996	21.71	ug/l	90
37) Vinyl Acetate	3.036	43	115018	17.45	ug/l	100
38) Bromodichloromethane	4.826	83	70617	17.45	ug/l	94
39) Methylcyclohexane	4.658	83	27456	19.50	ug/l	94
40) Dibromomethane	4.742	174	40166	18.09	ug/l	95
41) 1,2-Dichloropropane	4.664	63	44068	16.72	ug/l	89
42) Trichloroethene	4.538	130	41434	18.42	ug/l	95
43) Benzene	4.123	78	133262	18.60	ug/l	100
44) tert-Amyl methyl ether	4.195	73	97127	17.89	ug/l	97
46) Dibromochloromethane	5.757	129	61289	17.60	ug/l	99
47) 2-Chloroethylvinylether	5.000	63	17200	12.31	ug/l	80
48) cis-1,3-Dichloropropene	5.091	75	60407	17.22	ug/l	91
49) trans-1,3-Dichloropropene	5.415	75	58399	17.34	ug/l	99
50) 1,1,2-Trichloroethane	5.517	97	43234	18.22	ug/l	92
51) 1,2-Dibromoethane	5.836	107	45863	16.76	ug/l	94
52) 1,3-Dichloropropane	4.664	76	23294	18.43	ug/l	94
53) 4-Methyl-2-Pentanone	5.175	43	47701	17.66	ug/l	97
54) 2-Hexanone	5.661	43	33185	16.28	ug/l	96
55) Tetrachloroethene	5.625	164	38494	19.56	ug/l	99
57) Toluene	5.295	92	94993	19.00	ug/l	86
58) 1,1,1,2-Tetrachloroethane	6.160	133	50525	19.79	ug/l	75
59) Chlorobenzene	6.118	112	108385	18.27	ug/l	96
61) Bromoform	6.605	173	49646	15.48	ug/l	95
62) Ethylbenzene	6.178	106	34640	16.36	ug/l	86
63) 1,1,2,2-Tetrachloroethane	6.851	83	63777	15.57	ug/l	94
65) Styrene	6.484	104	102150	19.05	ug/l	94
66) m&p-Xylenes	6.238	106	119816	35.90	ug/l	100

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M37003.D
Acq On : 01/15/09 08:46

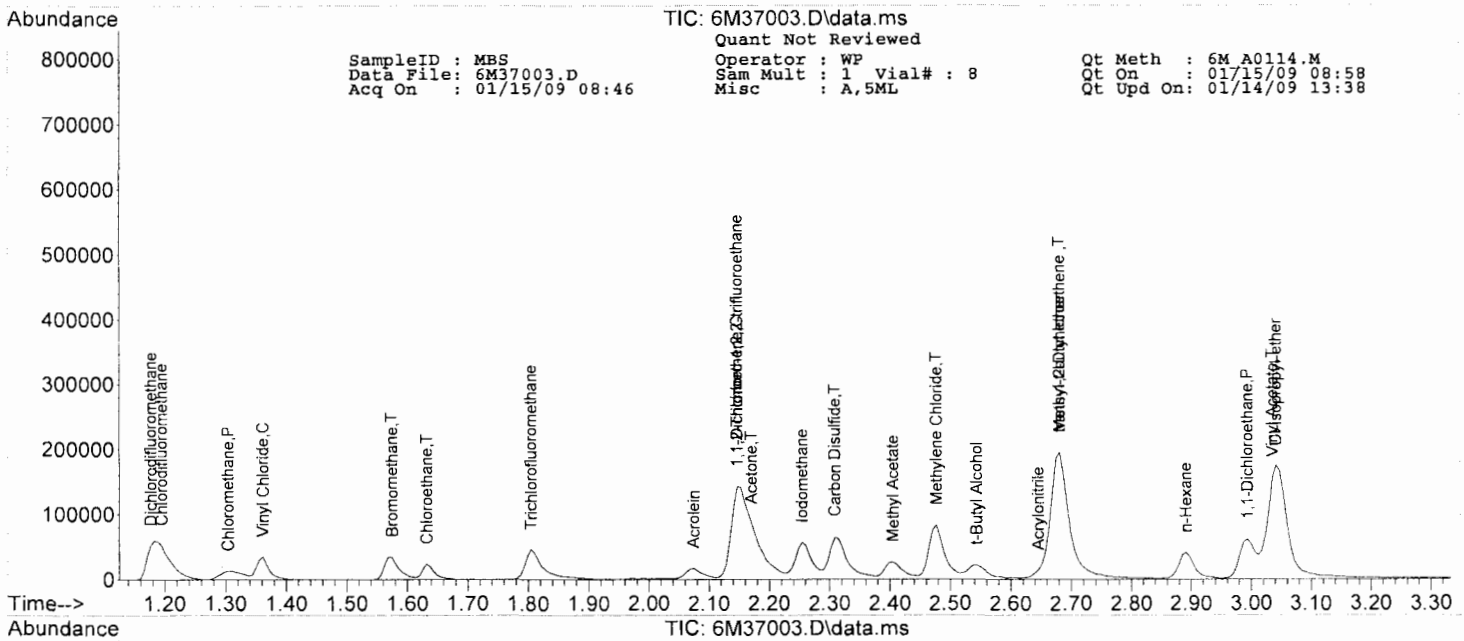
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML

Qt Meth : 6M_A0114.M
Qt On : 01/15/09 08:58
Qt Upd On: 01/14/09 13:38

Data Path : G:\GcMsData\2009\GCMS_6\Data\01-15-09\
Qt Path : G:\GcMsData\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.478	106	60001	17.46 ug/l	76
68) trans-1,4-Dichloro-2-b...	6.887	53	18059	17.05 ug/l	49
69) 1,3-Dichlorobenzene	7.458	146	81299	17.33 ug/l	89
70) 1,4-Dichlorobenzene	7.512	146	91374	17.86 ug/l	90
71) 1,2-Dichlorobenzene	7.746	146	90976	17.55 ug/l	91
72) Isopropylbenzene	6.689	105	117679	18.94 ug/l	91
73) Cyclohexanone	6.761	55	1539	6.73 ug/l	66
74) 1,2,3-Trichloropropane	6.887	75	77494	19.15 ug/l	89
75) 2-Chlorotoluene	7.001	91	104698	19.22 ug/l	95
76) p-Ethyltoluene	7.001	105	95304	21.18 ug/l	87
77) 4-Chlorotoluene	7.067	91	89495	17.12 ug/l	91
78) n-Propylbenzene	6.935	91	149233	17.88 ug/l	94
79) Bromobenzene	6.893	77	114821	21.41 ug/l	90
80) 1,3,5-Trimethylbenzene	7.031	105	116051	18.36 ug/l	90
81) t-Butylbenzene	7.235	119	88595	19.70 ug/l	88
82) 1,2,4-Trimethylbenzene	7.265	105	113486	18.33 ug/l	91
83) sec-Butylbenzene	7.368	105	93209	17.88 ug/l	97
84) 4-Isopropyltoluene	7.452	119	81488	18.57 ug/l	96
85) n-Butylbenzene	7.704	91	101846	19.88 ug/l	80
86) p-Diethylbenzene	7.686	119	42275	16.40 ug/l	84
87) 1,2,4,5-Tetramethylben...	8.179	119	66238	14.07 ug/l	91
88) 1,2-Dibromo-3-Chloropr...	8.227	157	17570	15.84 ug/l	76
89) Hexachlorobutadiene	8.857	225	21649	19.07 ug/l	95
90) 1,2,4-Trichlorobenzene	8.761	180	37315	15.81 ug/l	96
91) 1,2,3-Trichlorobenzene	9.086	180	41993	15.80 ug/l	97
92) Naphthalene	8.930	128	121836	15.11 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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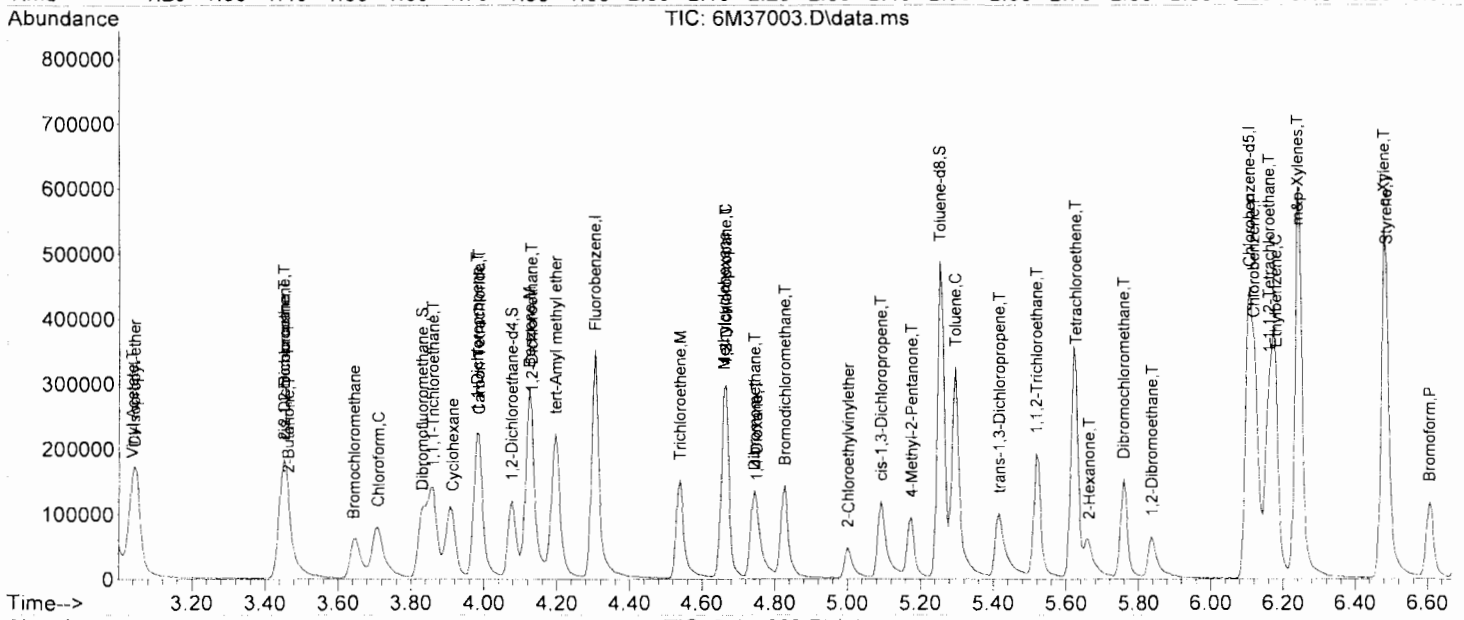
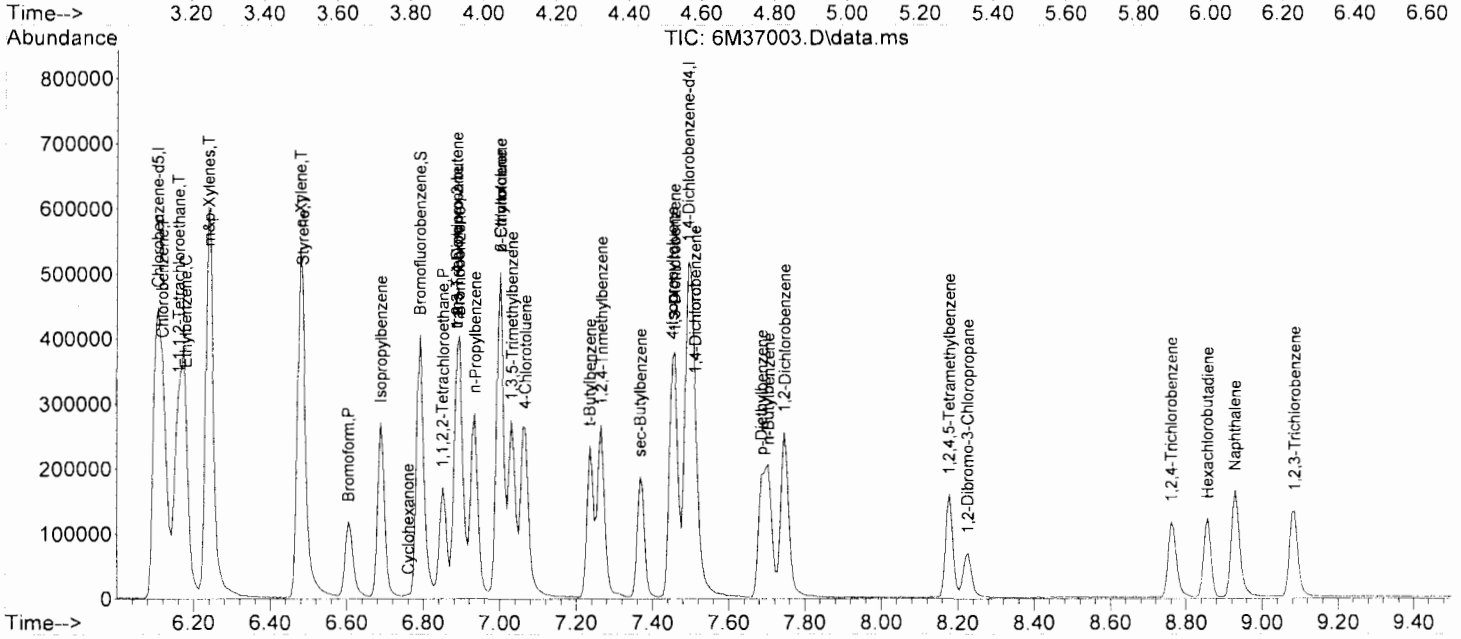
TIC: 6M37003.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M37003.D
Acq On : 01/15/09 08:46
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 6M_A0114.M
Qt On : 01/15/09 08:58
Qt Upd On: 01/14/09 13:38
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 6M37003.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Time-->


Abundance
TIC: 6M37003.D\data.ms
Bromofluorobenzene,S
Isopropylbenzene
Bromoform,P
Cyclohexanone
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

FORM 3

Spike Recovery

Batch Number: MBS10971
Mbs Name: MBS10971
Ns Name: AC42033-001
Ms Name: AC42033-001(MS)
Msd Name: AC42033-001(MSD

Mbs File: 3M58234.D
Non Spk'd File: 3M58089.D
Spike File: 3M58237.D
Spike Dup File: 3M58238.D
Matrix: Aqueous
Method: EPA 8260B

Mbs Date: 01/15/09 08:52
Non Spk'd Date: 01/08/09 11:39
Spike Date : 01/15/09 09:43
Spike Dup Date: 01/15/09 10:00

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	6	1	0	20	21	137	30	12.34	0.00	15.84	12.70	62	79	63	22
1,1-Dichloroethene	19	1	0	20	21	133	34	17.11	0.00	20.41	16.76	86	102	84	20
1,1-Dichloroethane	22	1	0	20	44	134	30	17.95	0.00	20.87	18.19	90	104	91	14
Chloroform	29	1	0	20	40	148	37	18.33	0.00	21.14	18.38	92	106	92	14
1,2-Dichloroethane	33	1	0	20	43	144	34	19.34	0.00	22.44	19.93	97	112	100	12
2-Butanone	34	1	0	20	25	157	47	18.92	0.00	21.56	19.31	95	108	97	11
Carbon Tetrachloride	36	1	0	20	42	146	32	19.81	0.00	23.05	19.50	99	115	98	17
Trichloroethene	42	1	0	20	46	127	30	18.83	0.00	19.80	18.39	94	99	92	7.4
Benzene	43	1	0	20	49	135	29	19.79	0.00	22.51	19.26	99	113	96	16
Tetrachloroethene	55	1	0	20	42	138	27	19.06	0.00	20.17	18.87	95	101	94	6.7
Toluene	57	1	0	20	53	129	33	21.43	0.00	22.05	21.30	107	110	106	3.5
Chlorobenzene	59	1	0	20	51	129	30	20.03	0.00	20.96	19.47	100	105	97	7.4
1,4-Dichlorobenzene	70	1	0	20	45	128	30	18.05	0.00	18.36	16.69	90	92	83	9.5
1,2-Dichlorobenzene	71	1	0	20	50	126	34	19.00	0.00	20.00	18.09	95	100	90	10
n-Propylbenzene	78	1	0	20	45	135	32	20.29	0.00	19.09	17.08	101	95	85	11
sec-Butylbenzene	83	1	0	20	43	123	33	18.10	0.00	17.28	15.55	91	86	78	11

Note:

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

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

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 3M58234.D
Acq On : 01/15/09 08:52

Operator : WP
Sam Mult : 1 Vial# : 21
Misc : A,5ML

Qt Meth : 3M_A0113.M
Qt On : 01/15/09 09:08
Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-15-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : 1nitial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	235045	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.414	117	181219	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.842	152	96214	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.168	111	69737	29.84	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.47%		
32) 1,2-Dichloroethane-d4	4.395	102	15021	29.83	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.43%		
56) Toluene-d8	5.547	100	153964	30.48	ug/l	-0.01
Spiked Amount 30.000			Recovery =	101.60%		
64) Bromofluorobenzene	7.123	174	84936	28.82	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.07%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.375	51	86515	16.80	ug/l	44
3) Dichlorodifluoromethane	1.325	85	28070	12.57	ug/l	90
4) Chloromethane	1.508	50	18430	12.12	ug/l	100
5) Bromomethane	1.792	94	4842	11.48	ug/l	96
6) Vinyl Chloride	1.542	62	16871	12.34	ug/l	99
7) Chloroethane	1.858	64	9530	14.32	ug/l	96
8) Trichlorofluoromethane	2.042	101	21653	14.73	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.415	101	27062	19.22	ug/l	96
10) Methylene Chloride	2.799	84	39668	18.14	ug/l	96
11) Acrolein	2.366	56	27122	46.04	ug/l	93
12) Acrylonitrile	3.006	53	22482	19.01	ug/l	94
13) Iodomethane	2.553	142	48022	18.76	ug/l	94
14) Acetone	2.484	43	104495	79.53	ug/l	94
15) Carbon Disulfide	2.602	76	101290	15.07	ug/l	100
16) t-Butyl Alcohol	2.888	59	12874	77.61	ug/l	97
17) n-Hexane	3.213	57	21262	17.27	ug/l	87
18) Di-isopropyl-ether	3.390	45	201894	19.56	ug/l	77
19) 1,1-Dichloroethene	2.435	61	66234	17.11	ug/l	84
20) Methyl Acetate	2.720	43	65362	17.88	ug/l	100
21) Methyl-t-butyl ether	3.006	73	63540	19.07	ug/l	88
22) 1,1-Dichloroethane	3.360	63	77133	17.95	ug/l	95
23) trans-1,2-Dichloroethene	3.016	96	33351	19.12	ug/l	93
24) cis-1,2-Dichloroethene	3.823	61	78501	18.60	ug/l	81
25) Bromochloromethane	4.001	49	64035	19.29	ug/l	92
26) 2,2-Dichloropropane	3.823	77	34977	19.95	ug/l	92
27) 1,4-Dioxane	5.035	88	29236	938.67	ug/l	43
28) 1,1-Dichloropropene	4.286	75	62999	20.43	ug/l	98
29) Chloroform	4.050	83	72032	18.33	ug/l	99
31) Cyclohexane	4.217	56	58591	19.43	ug/l	78
33) 1,2-Dichloroethane	4.434	62	81228	19.34	ug/l	99
34) 2-Butanone	3.833	43	41961	18.92	ug/l	76
35) 1,1,1-Trichloroethane	4.178	97	50744	19.60	ug/l	94
36) Carbon Tetrachloride	4.286	117	44516	19.81	ug/l	84
37) Vinyl Acetate	3.380	43	161333	15.42	ug/l	100
38) Bromodichloromethane	5.123	83	61461	16.93	ug/l	93
39) Methylcyclohexane	4.936	83	33288	18.97	ug/l	69
40) Dibromomethane	5.045	174	39137	20.00	ug/l	91
41) 1,2-Dichloropropane	4.956	63	58112	19.20	ug/l	99
42) Trichloroethene	4.818	130	44050	18.83	ug/l	93
43) Benzene	4.424	78	175020	19.79	ug/l	100
44) tert-Amyl methyl ether	4.483	73	60739	20.25	ug/l	96
46) Dibromochloromethane	6.079	129	45673	16.13	ug/l	98
47) 2-Chloroethylvinylether	5.291	63	12779	8.19	ug/l	84
48) cis-1,3-Dichloropropene	5.389	75	63975	15.80	ug/l	97
49) trans-1,3-Dichloropropene	5.714	75	54152	13.94	ug/l	99
50) 1,1,2-Trichloroethane	5.832	97	42795	18.85	ug/l	94
51) 1,2-Dibromoethane	6.157	107	47701	17.43	ug/l	98
52) 1,3-Dichloropropane	5.931	76	82966	19.36	ug/l	96
53) 4-Methyl-2-Pentanone	5.468	43	91027	16.33	ug/l	96
54) 2-Hexanone	5.960	43	61905	14.37	ug/l	90
55) Tetrachloroethene	5.921	164	33408	19.06	ug/l	97
57) Toluene	5.586	92	106647	21.43	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.473	133	38534	20.49	ug/l	82
59) Chlorobenzene	6.433	112	115768	20.03	ug/l	94
61) Bromoform	6.945	173	35036	15.88	ug/l	99
62) Ethylbenzene	6.482	106	44536	24.30	ug/l	86
63) 1,1,2,2-Tetrachloroethane	7.182	83	67200	17.96	ug/l	84
65) Styrene	6.798	104	104500	20.17	ug/l	91
66) m&p-Xylenes	6.551	106	120274	42.44	ug/l	86

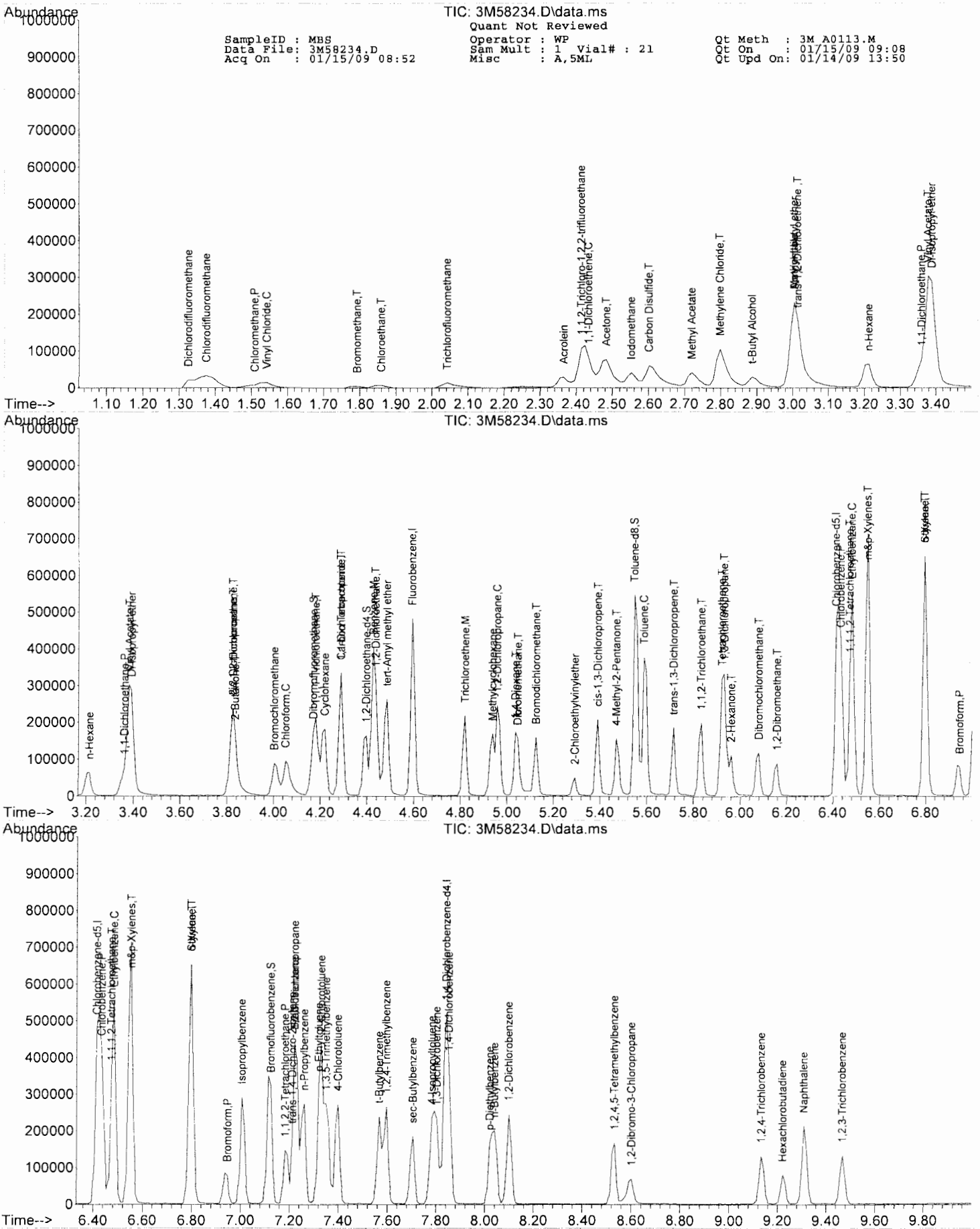
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58234.D Sam Mult : 1 Vial# : 21 Qt On : 01/15/09 09:08
Acq On : 01/15/09 08:52 Misc : A,5ML Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-15-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.798	106	60008	21.04 ug/l	83
68) trans-1,4-Dichloro-2-b...	7.211	53	27002	18.16 ug/l	53
69) 1,3-Dichlorobenzene	7.802	146	78259	19.04 ug/l	97
70) 1,4-Dichlorobenzene	7.851	146	79360	18.05 ug/l	92
71) 1,2-Dichlorobenzene	8.098	146	79120	19.00 ug/l	97
72) Isopropylbenzene	7.004	105	133663	21.76 ug/l	98
74) 1,2,3-Trichloropropane	7.221	75	73997	18.84 ug/l	94
75) 2-Chlorotoluene	7.329	91	99888	20.72 ug/l	96
76) p-Ethyltoluene	7.320	105	114745	20.41 ug/l	94
77) 4-Chlorotoluene	7.398	91	97712	19.78 ug/l	96
78) n-Propylbenzene	7.261	91	170271	20.29 ug/l	98
79) Bromobenzene	7.221	77	115349	20.07 ug/l	84
80) 1,3,5-Trimethylbenzene	7.349	105	99735	19.41 ug/l	58
81) t-Butylbenzene	7.566	119	88999	21.27 ug/l	96
82) 1,2,4-Trimethylbenzene	7.595	105	113325	20.09 ug/l	95
83) sec-Butylbenzene	7.704	105	97218	18.10 ug/l	92
84) 4-Isopropyltoluene	7.783	119	80634	20.54 ug/l	99
85) n-Butylbenzene	8.039	91	95126	19.05 ug/l	96
86) p-Diethylbenzene	8.019	119	43456	18.24 ug/l	88
87) 1,2,4,5-Tetramethylben...	8.531	119	74232	16.96 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.600	157	11488	12.45 ug/l	85
89) Hexachlorobutadiene	9.220	225	15773	16.59 ug/l	99
90) 1,2,4-Trichlorobenzene	9.132	180	39291	17.82 ug/l	97
91) 1,2,3-Trichlorobenzene	9.467	180	38307	17.29 ug/l	99
92) Naphthalene	9.309	128	140450	20.82 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : MBS
Data File: 3M58234.D
Acq On : 01/15/09 08:52
Operator : WP
Sam Mult : 1 Vial# : 21
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/15/09 09:08
Qt Upd On: 01/14/09 13:50
Abundance
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42033-001(MS) Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58237.D Sam Mult : 1 Vial# : 24 Qt On : 01/15/09 10:02
Acq On : 01/15/09 09:43 Misc : A,5ML!2 Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-15-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.591	96	205975	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.423	117	163780	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.841	152	95893	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.167	111	64503	31.50	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.00%			
32) 1,2-Dichloroethane-d4	4.394	102	13624	30.87	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.90%			
56) Toluene-d8	5.556	100	132721	29.07	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.90%			
64) Bromofluorobenzene	7.122	174	81885	27.88	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.93%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.379	51	142729	31.62	ug/l	40
3) Dichlorodifluoromethane	1.328	85	29410	15.03	ug/l	93
4) Chloromethane	1.512	50	21304	15.98	ug/l	85
5) Bromomethane	1.779	94	4987	13.50	ug/l	96
6) Vinyl Chloride	1.545	62	18987	15.84	ug/l	97
7) Chloroethane	1.845	64	9535	16.35	ug/l	92
8) Trichlorofluoromethane	2.045	101	22151	17.20	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.414	101	25187	20.41	ug/l	95
10) Methylene Chloride	2.798	84	39971	20.86	ug/l	91
11) Acrolein	2.365	56	25695	49.77	ug/l	96
12) Acrylonitrile	3.005	53	23519	22.70	ug/l	89
13) Iodomethane	2.552	142	50039	22.30	ug/l	92
14) Acetone	2.483	43	123846	107.56	ug/l	94
15) Carbon Disulfide	2.611	76	102334	17.38	ug/l	100
16) t-Butyl Alcohol	2.887	59	12431	85.52	ug/l	97
17) n-Hexane	3.212	57	12789	11.86	ug/l	88
18) Di-isopropyl-ether	3.389	45	209773	23.19	ug/l	77
19) 1,1-Dichloroethene	2.434	61	69220	20.41	ug/l	84
20) Methyl Acetate	2.720	43	55528	17.33	ug/l	100
21) Methyl-t-butyl ether	3.005	73	65070	22.28	ug/l	82
22) 1,1-Dichloroethane	3.360	63	78616	20.87	ug/l	96
23) trans-1,2-Dichloroethene	3.015	96	32725	21.41	ug/l	88
24) cis-1,2-Dichloroethene	3.833	61	72904	19.71	ug/l	89
25) Bromochloromethane	4.000	49	66769	22.95	ug/l	86
26) 2,2-Dichloropropane	3.823	77	4209	2.74	ug/l	91
27) 1,4-Dioxane	5.034	88	28220	1033.93	ug/l	59
28) 1,1-Dichloropropene	4.286	75	62819	23.24	ug/l	95
29) Chloroform	4.059	83	72795	21.14	ug/l	99
31) Cyclohexane	4.217	56	57080	21.60	ug/l	75
33) 1,2-Dichloroethane	4.443	62	82566	22.44	ug/l	98
34) 2-Butanone	3.833	43	41909	21.56	ug/l	76
35) 1,1,1-Trichloroethane	4.177	97	50392	22.21	ug/l	97
36) Carbon Tetrachloride	4.295	117	45382	23.05	ug/l	91
37) Vinyl Acetate	3.379	43	144247	15.73	ug/l	100
38) Bromodichloromethane	5.123	83	57363	18.04	ug/l	97
39) Methylcyclohexane	4.936	83	28311	18.42	ug/l	74
40) Dibromomethane	5.044	174	38815	22.63	ug/l	93
41) 1,2-Dichloropropane	4.965	63	57299	21.60	ug/l	99
42) Trichloroethene	4.817	130	40589	19.80	ug/l	91
43) Benzene	4.423	78	174446	22.51	ug/l	100
44) tert-Amyl methyl ether	4.483	73	60177	22.89	ug/l	95
46) Dibromochloromethane	6.078	129	45747	17.88	ug/l	97
48) cis-1,3-Dichloropropene	5.389	75	42585	11.64	ug/l	96
49) trans-1,3-Dichloropropene	5.714	75	36177	10.31	ug/l	98
50) 1,1,2-Trichloroethane	5.832	97	41481	20.21	ug/l	93
51) 1,2-Dibromoethane	6.157	107	48324	19.53	ug/l	96
52) 1,3-Dichloropropane	5.930	76	83298	21.50	ug/l	95
53) 4-Methyl-2-Pentanone	5.467	43	86750	17.22	ug/l	92
54) 2-Hexanone	5.960	43	62851	16.14	ug/l	87
55) Tetrachloroethene	5.920	164	31962	20.17	ug/l	96
57) Toluene	5.595	92	99179	22.05	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.472	133	39034	22.97	ug/l	95
59) Chlorobenzene	6.433	112	109532	20.96	ug/l	95
61) Bromoform	6.945	173	35282	16.04	ug/l	99
62) Ethylbenzene	6.482	106	41160	22.53	ug/l	83
63) 1,1,2,2-Tetrachloroethane	7.181	83	70448	18.89	ug/l	85
65) Styrene	6.797	104	81215	15.72	ug/l	90
66) m&p-Xylenes	6.551	106	115364	40.85	ug/l	90
67) o-Xylene	6.797	106	61175	21.52	ug/l	88

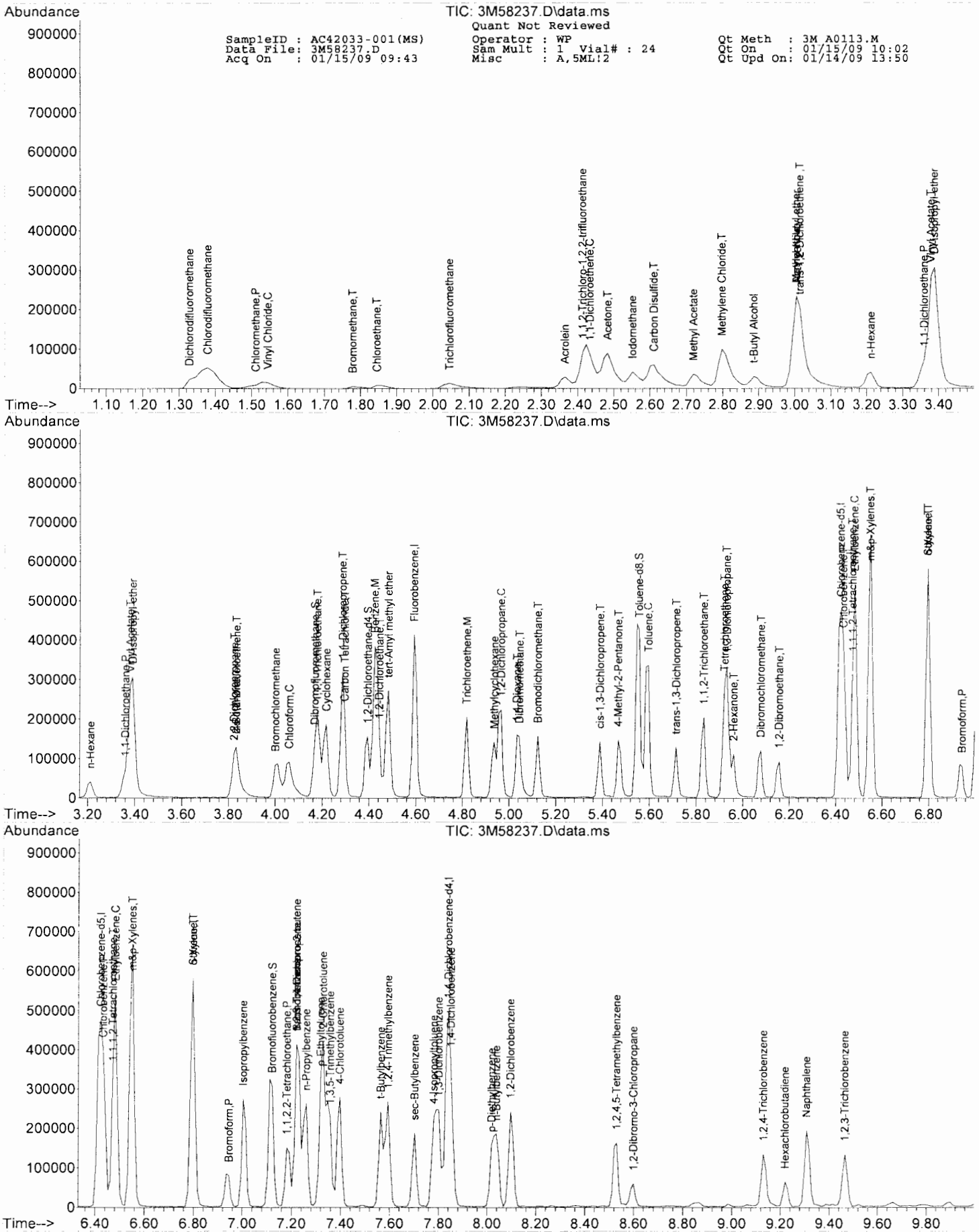
Quantitation Report (Not Reviewed)

SampleID : AC42033-001(MS) Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58237.D Sam Mult : 1 Vial# : 24 Qt On : 01/15/09 10:02
Acq On : 01/15/09 09:43 Misc : A,5ML!2 Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-15-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	7.220	53	15204	10.26 ug/l	65
69) 1,3-Dichlorobenzene	7.802	146	79336	19.36 ug/l	98
70) 1,4-Dichlorobenzene	7.851	146	80480	18.36 ug/l	93
71) 1,2-Dichlorobenzene	8.097	146	82982	20.00 ug/l	97
72) Isopropylbenzene	7.004	105	130624	21.33 ug/l	98
74) 1,2,3-Trichloropropane	7.220	75	71886	18.36 ug/l	96
75) 2-Chlorotoluene	7.329	91	99904	20.79 ug/l	96
76) p-Ethyltoluene	7.319	105	109857	19.60 ug/l	95
77) 4-Chlorotoluene	7.398	91	100557	20.43 ug/l	95
78) n-Propylbenzene	7.260	91	159667	19.09 ug/l	98
79) Bromobenzene	7.220	77	113349	19.79 ug/l	87
80) 1,3,5-Trimethylbenzene	7.358	105	103081	20.13 ug/l	65
81) t-Butylbenzene	7.565	119	88591	21.24 ug/l	92
82) 1,2,4-Trimethylbenzene	7.595	105	111426	19.82 ug/l	97
83) sec-Butylbenzene	7.703	105	92522	17.28 ug/l	95
84) 4-Isopropyltoluene	7.782	119	79412	20.30 ug/l	96
85) n-Butylbenzene	8.038	91	86944	17.47 ug/l	98
86) p-Diethylbenzene	8.018	119	42280	17.81 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.530	119	79444	18.21 ug/l	94
88) 1,2-Dibromo-3-Chloropr...	8.599	157	11364	12.36 ug/l	86
89) Hexachlorobutadiene	9.220	225	12045	12.71 ug/l	98
90) 1,2,4-Trichlorobenzene	9.131	180	38553	17.55 ug/l	99
91) 1,2,3-Trichlorobenzene	9.466	180	38697	17.52 ug/l	98
92) Naphthalene	9.308	128	130687	19.44 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : AC42033-001(MS)
Data File: 3M58237.D
Acq On : 01/15/09 09:43
Operator : WP
Sam Mult : 1 Vial# : 24
Misc : A,5ML;2
Qt Meth : 3M_A0113.M
Qt On : 01/15/09 10:02
Qt Upd On: 01/14/09 13:50
Abundance
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42033-001(MSD) Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58238.D Sam Mult : 1 Vial# : 25 Qt On : 01/15/09 10:14
Acq On : 01/15/09 10:00 Misc : A,5ML!2 Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-15-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	234296	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.414	117	172086	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.842	152	101005	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.168	111	68782	29.53	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.43%		
32) 1,2-Dichloroethane-d4	4.395	102	14801	29.48	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.27%		
56) Toluene-d8	5.547	100	148167	30.89	ug/l	-0.01
Spiked Amount 30.000			Recovery =	102.97%		
64) Bromofluorobenzene	7.123	174	87466	28.27	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.23%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.378	51	139764	27.22	ug/l	39
3) Dichlorodifluoromethane	1.328	85	28586	12.84	ug/l	95
4) Chloromethane	1.512	50	19911	13.13	ug/l	81
5) Bromomethane	1.778	94	5018	11.94	ug/l	97
6) Vinyl Chloride	1.545	62	17309	12.70	ug/l	96
7) Chloroethane	1.845	64	9716	14.64	ug/l	99
8) Trichlorofluoromethane	2.045	101	21775	14.86	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.415	101	24385	17.37	ug/l	95
10) Methylene Chloride	2.799	84	39446	18.10	ug/l	93
11) Acrolein	2.366	56	26254	44.71	ug/l	100
12) Acrylonitrile	3.006	53	23371	19.83	ug/l	90
13) Iodomethane	2.553	142	46300	18.14	ug/l	94
14) Acetone	2.484	43	126795	96.81	ug/l	92
15) Carbon Disulfide	2.602	76	97917	14.62	ug/l	100
16) t-Butyl Alcohol	2.888	59	14375	86.94	ug/l	94
17) n-Hexane	3.203	57	11683	9.52	ug/l	86
18) Di-isopropyl-ether	3.390	45	203785	19.80	ug/l	76
19) 1,1-Dichloroethene	2.435	61	64654	16.76	ug/l	87
20) Methyl Acetate	2.721	43	58661	16.10	ug/l	100
21) Methyl-t-butyl ether	3.006	73	67535	20.33	ug/l	87
22) 1,1-Dichloroethane	3.361	63	77942	18.19	ug/l	98
23) trans-1,2-Dichloroethene	3.016	96	31933	18.36	ug/l	90
24) cis-1,2-Dichloroethene	3.824	61	70820	16.83	ug/l	87
25) Bromochloromethane	4.001	49	64869	19.60	ug/l	92
26) 2,2-Dichloropropane	3.824	77	3565	2.04	ug/l	81
27) 1,4-Dioxane	5.035	88	29232	941.54	ug/l	49
28) 1,1-Dichloropropene	4.287	75	60648	19.73	ug/l	98
29) Chloroform	4.050	83	72015	18.38	ug/l	99
31) Cyclohexane	4.218	56	54518	18.14	ug/l	76
33) 1,2-Dichloroethane	4.434	62	83422	19.93	ug/l	99
34) 2-Butanone	3.834	43	42693	19.31	ug/l	80
35) 1,1,1-Trichloroethane	4.178	97	49615	19.22	ug/l	98
36) Carbon Tetrachloride	4.287	117	43672	19.50	ug/l	93
37) Vinyl Acetate	3.381	43	152938	14.67	ug/l	100
38) Bromodichloromethane	5.124	83	59601	16.47	ug/l	94
39) Methylcyclohexane	4.937	83	27345	15.64	ug/l	74
40) Dibromomethane	5.045	174	38612	19.79	ug/l	94
41) 1,2-Dichloropropane	4.956	63	58360	19.34	ug/l	95
42) Trichloroethene	4.818	130	42875	18.39	ug/l	93
43) Benzene	4.424	78	169730	19.26	ug/l	100
44) tert-Amyl methyl ether	4.484	73	60827	20.34	ug/l	98
46) Dibromochloromethane	6.079	129	47339	17.61	ug/l	99
48) cis-1,3-Dichloropropene	5.390	75	45664	11.88	ug/l	93
49) trans-1,3-Dichloropropene	5.715	75	37447	10.15	ug/l	100
50) 1,1,2-Trichloroethane	5.833	97	43037	19.96	ug/l	98
51) 1,2-Dibromoethane	6.158	107	48584	18.69	ug/l	92
52) 1,3-Dichloropropane	5.931	76	86127	21.16	ug/l	93
53) 4-Methyl-2-Pentanone	5.468	43	89122	16.84	ug/l	94
54) 2-Hexanone	5.961	43	66758	16.32	ug/l	87
55) Tetrachloroethene	5.921	164	31420	18.87	ug/l	90
57) Toluene	5.587	92	100639	21.30	ug/l	94
58) 1,1,1,2-Tetrachloroethane	6.473	133	37874	21.21	ug/l	90
59) Chlorobenzene	6.434	112	106859	19.47	ug/l	99
61) Bromoform	6.936	173	36511	15.76	ug/l	98
62) Ethylbenzene	6.483	106	41040	21.33	ug/l	81
63) 1,1,2,2-Tetrachloroethane	7.182	83	69029	17.57	ug/l	84
65) Styrene	6.798	104	78670	14.46	ug/l	91
66) m&p-Xylenes	6.552	106	114548	38.50	ug/l	97
67) o-Xylene	6.798	106	59049	19.72	ug/l	82

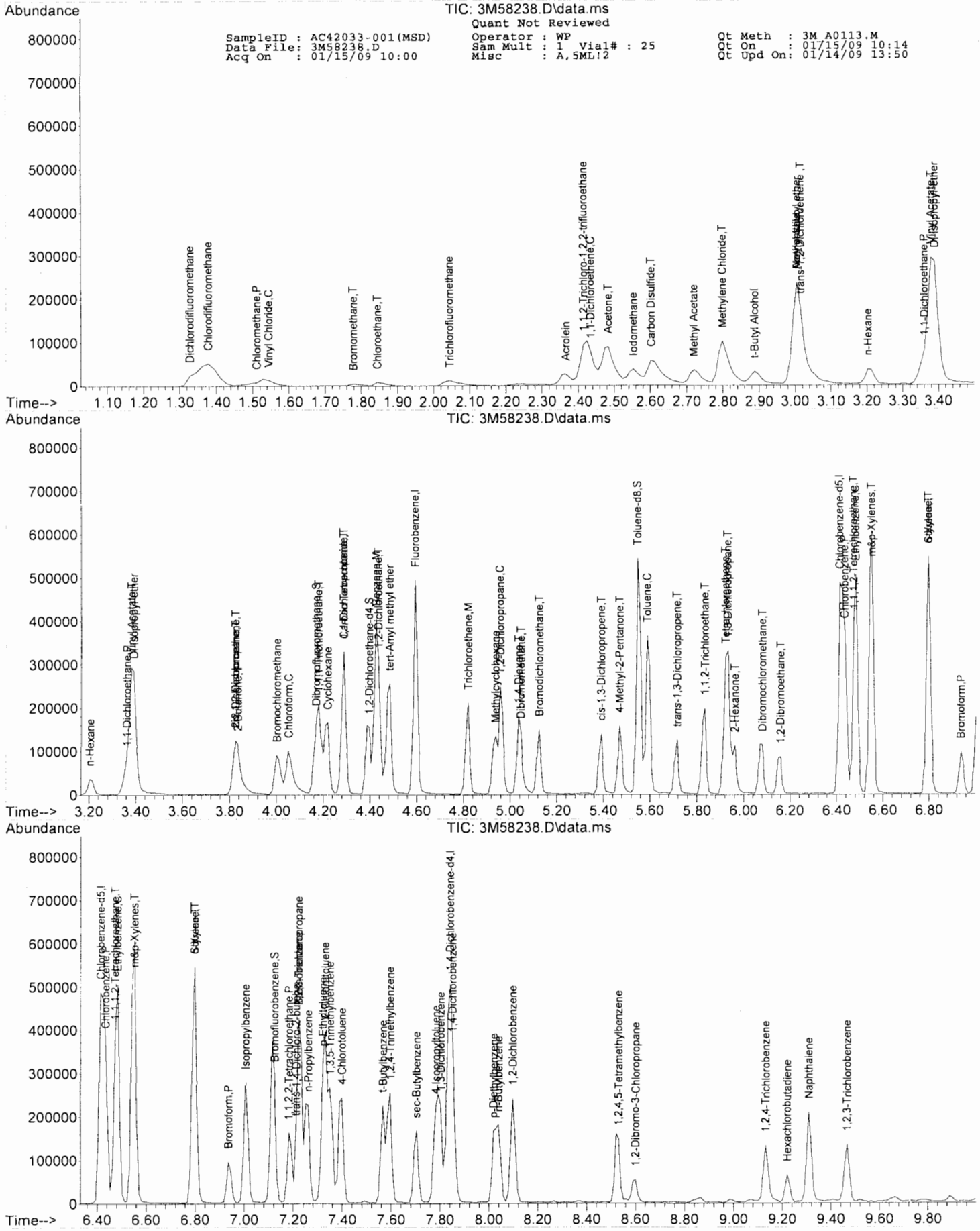
Quantitation Report (Not Reviewed)

SampleID : AC42033-001(MSD) Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58238.D Sam Mult : 1 Vial# : 25 Qt On : 01/15/09 10:14
Acq On : 01/15/09 10:00 Misc : A,5ML!2 Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-15-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68)	trans-1,4-Dichloro-2-b...	7.212	53	15275	9.79 ug/l	68
69)	1,3-Dichlorobenzene	7.803	146	78561	18.20 ug/l	98
70)	1,4-Dichlorobenzene	7.852	146	77037	16.69 ug/l	92
71)	1,2-Dichlorobenzene	8.098	146	79076	18.09 ug/l	98
72)	Isopropylbenzene	7.005	105	123534	19.16 ug/l	98
74)	1,2,3-Trichloropropane	7.222	75	70945	17.21 ug/l	98
75)	2-Chlorotoluene	7.330	91	95277	18.83 ug/l	96
76)	p-Ethyltoluene	7.320	105	111085	18.82 ug/l	93
77)	4-Chlorotoluene	7.399	91	87428	16.86 ug/l	99
78)	n-Propylbenzene	7.261	91	150433	17.08 ug/l	99
79)	Bromobenzene	7.222	77	112865	18.71 ug/l	86
80)	1,3,5-Trimethylbenzene	7.350	105	90858	16.84 ug/l	53
81)	t-Butylbenzene	7.566	119	84104	19.15 ug/l	94
82)	1,2,4-Trimethylbenzene	7.596	105	110673	18.69 ug/l	95
83)	sec-Butylbenzene	7.704	105	87683	15.55 ug/l	94
84)	4-Isopropyltoluene	7.783	119	77247	18.75 ug/l	97
85)	n-Butylbenzene	8.039	91	83729	15.98 ug/l	98
86)	p-Diethylbenzene	8.019	119	41600	16.63 ug/l	95
87)	1,2,4,5-Tetramethylben...	8.531	119	80590	17.54 ug/l	97
88)	1,2-Dibromo-3-Chloropr...	8.600	157	11887	12.28 ug/l	96
89)	Hexachlorobutadiene	9.221	225	12127	12.15 ug/l	98
90)	1,2,4-Trichlorobenzene	9.132	180	37930	16.39 ug/l	99
91)	1,2,3-Trichlorobenzene	9.467	180	39039	16.79 ug/l	98
92)	Naphthalene	9.309	128	131305	18.54 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : AC42033-001(MSD)
Data File: 3M58238.D
Acq On : 01/15/09 10:00
Operator : WP
Sam Mult : 1 Vial# : 25
Misc : A,5ML;2
Qt Meth : 3M_A0113.M
Qt On : 01/15/09 10:14
Qt Upd On: 01/14/09 13:50
Time-->

FORM 3

Spike Recovery

Batch Number: MBS10999
Mbs Name: MBS10999
Ns Name: AC42144-019
Ms Name: AC42144-019(MS)
Msd Name: AC42144-019(MSD

Mbs File: 1M40766.D
Non Spk'd File: 1M40640.D
Spike File: 1M40790.D
Spike Dup File: 1M40791.D
Matrix: Soil
Method: EPA 8260B

Mbs Date: 01/19/09 11:56
Non Spk'd Date: 01/15/09 20:44
Spike Date : 01/19/09 18:43
Spike Dup Date: 01/19/09 19:00

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	6	1	0	50	6	117	53	29.57	0.00	30.55	29.59	59	61	59	3.2
1,1-Dichloroethene	19	1	0	50	8	114	53	34.13	0.00	33.91	34.11	68	68	68	0.59
1,1-Dichloroethane	22	1	0	50	14	127	44	32.31	0.00	31.55	30.91	65	63	62	2
Chloroform	29	1	0	50	26	119	39	33.22	0.00	32.55	33.11	66	65	66	1.7
1,2-Dichloroethane	33	1	0	50	18	130	37	30.84	0.00	31.02	30.67	62	62	61	1.1
2-Butanone	34	1	0	50	4	141	59	28.60	0.00	30.51	29.90	57	61	60	2
Carbon Tetrachloride	36	1	0	50	19	122	40	33.78	0.00	33.70	34.76	68	67	70	3.1
Trichloroethene	42	1	0	50	21	116	39	32.17	0.00	30.66	31.89	64	61	64	3.9
Benzene	43	1	0	50	21	122	38	33.77	0.00	32.69	33.74	68	65	67	3.2
Tetrachloroethene	55	1	0	50	18	116	37	38.03	0.00	36.47	36.49	76	73	73	0.06
Toluene	57	1	0	50	19	128	35	38.91	1.69	38.20	37.92	78	73	72	0.74
Chlorobenzene	59	1	0	50	21	117	37	31.70	0.00	31.10	30.99	63	62	62	0.35
1,4-Dichlorobenzene	70	1	0	50	20	110	41	42.20	0.00	38.36	39.91	84	77	80	4
1,2-Dichlorobenzene	71	1	0	50	19	113	42	41.22	0.00	39.11	40.54	82	78	81	3.6
n-Propylbenzene	78	1	0	50	16	122	42	36.63	0.00	34.78	35.78	73	70	72	2.8
sec-Butylbenzene	83	1	0	50	9	125	48	34.71	0.00	32.97	34.39	69	66	69	4.2

Note:

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

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

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 1M40766.D
Acq On : 01/19/09 11:56

Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G

Qt Meth : 1M_S0113.M
Qt On : 01/19/09 12:54
Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.626	96	509429	30.00	ug/l	0.05
45) Chlorobenzene-d5	6.429	117	425328	30.00	ug/l	0.04
60) 1,4-Dichlorobenzene-d4	7.839	152	266970	30.00	ug/l	0.03
System Monitoring Compounds						
30) Dibromofluoromethane	4.212	111	118019	32.10	ug/l	0.07
Spiked Amount 30.000			Recovery =	107.00%		
32) 1,2-Dichloroethane-d4	4.429	102	28284	34.94	ug/l	0.05
Spiked Amount 30.000			Recovery =	116.47%		
56) Toluene-d8	5.572	100	363002	29.43	ug/l	0.04
Spiked Amount 30.000			Recovery =	98.10%		
64) Bromofluorobenzene	7.119	174	225559	27.92	ug/l	0.03
Spiked Amount 30.000			Recovery =	93.07%		
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.497	85	91189	19.45	ug/l	97
4) Chloromethane	1.631	50	102353	31.65	ug/l	93
5) Bromomethane	1.933	94	24519	33.51	ug/l	98
6) Vinyl Chloride	1.698	62	68699	29.57	ug/l	98
7) Chloroethane	2.017	64	28838	32.20	ug/l	91
8) Trichlorofluoromethane	2.184	101	194149	25.87	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.546	101	169007	33.47	ug/l	97
10) Methylene Chloride	2.921	84	175768	32.56	ug/l	90
11) Acrolein	2.507	56	54793	74.57	ug/l	98
12) Acrylonitrile	3.108	53	37517	25.91	ug/l	84
13) Iodomethane	2.684	142	173784	30.80	ug/l	98
15) Carbon Disulfide	2.733	76	574586	33.26	ug/l	100
16) t-Butyl Alcohol	2.566	59	9491	116.49	ug/l	56
17) n-Hexane	3.305	57	225729	29.29	ug/l	88
18) Di-isopropyl-ether	3.473	45	635555	25.40	ug/l	90
19) 1,1-Dichloroethene	2.566	61	342645	34.13	ug/l	98
21) Methyl-t-butyl ether	3.108	73	250479	25.12	ug/l	90
22) 1,1-Dichloroethane	3.443	63	370966	32.31	ug/l	100
23) trans-1,2-Dichloroethene	3.118	96	185227	35.81	ug/l	81
24) cis-1,2-Dichloroethene	3.887	61	370894	31.73	ug/l	88
25) Bromochloromethane	4.054	49	200787	29.79	ug/l	79
26) 2,2-Dichloropropane	3.887	77	271909	38.78	ug/l	93
27) 1,4-Dioxane	5.069	88	65413	1470.34	ug/l	68
28) 1,1-Dichloropropene	4.330	75	285559	32.92	ug/l	95
29) Chloroform	4.103	83	316876	33.22	ug/l	98
31) Cyclohexane	4.261	56	389802	29.68	ug/l	90
33) 1,2-Dichloroethane	4.478	62	240462	30.84	ug/l	94
34) 2-Butanone	3.896	43	55508	28.60	ug/l	93
35) 1,1,1-Trichloroethane	4.231	97	279781	34.12	ug/l	98
36) Carbon Tetrachloride	4.330	117	255878	33.78	ug/l	90
37) Vinyl Acetate	3.473	43	495355	25.11	ug/l	100
38) Bromodichloromethane	5.148	83	255780	29.11	ug/l	95
39) Methylcyclohexane	4.961	83	390843	30.90	ug/l	87
40) Dibromomethane	5.069	174	135539	30.56	ug/l	97
41) 1,2-Dichloropropane	4.990	63	216076	27.97	ug/l	95
42) Trichloroethene	4.852	130	239609	32.17	ug/l	98
43) Benzene	4.468	78	770335	33.77	ug/l	100
44) tert-Amyl methyl ether	4.517	73	316044	33.26	ug/l	98
46) Dibromochloromethane	6.084	129	195238	32.13	ug/l	98
47) 2-Chloroethylvinylether	5.306	63	47975	26.69	ug/l	93
48) cis-1,3-Dichloropropene	5.404	75	255716	30.48	ug/l	95
49) trans-1,3-Dichloropropene	5.730	75	205871	30.73	ug/l	99
50) 1,1,2-Trichloroethane	5.838	97	138882	33.86	ug/l	96
51) 1,2-Dibromoethane	6.163	107	122825	29.16	ug/l	94
52) 1,3-Dichloropropane	5.946	76	235220	36.99	ug/l	99
53) 4-Methyl-2-Pentanone	5.483	43	126762	25.72	ug/l	96
54) 2-Hexanone	5.966	43	87243	26.05	ug/l	99
55) Tetrachloroethene	5.937	164	251750	38.03	ug/l	95
57) Toluene	5.611	92	576111	38.91	ug/l	91
58) 1,1,1,2-Tetrachloroethane	6.479	133	200166	38.51	ug/l	92
59) Chlorobenzene	6.439	112	604403	31.70	ug/l	99
61) Bromoform	6.942	173	144184	28.91	ug/l	97
62) Ethylbenzene	6.488	106	231040	35.52	ug/l	99
63) 1,1,2,2-Tetrachloroethane	7.188	83	183359	27.38	ug/l	90
65) Styrene	6.804	104	576513	28.73	ug/l	93
66) m&p-Xylenes	6.557	106	735373	74.98	ug/l	96
67) o-Xylene	6.794	106	376565	29.46	ug/l	87
68) trans-1,4-Dichloro-2-b...	7.218	53	56069	32.13	ug/l	96
69) 1,3-Dichlorobenzene	7.799	146	571552	37.33	ug/l	99

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 1M40766.D
Acq On : 01/19/09 11:56

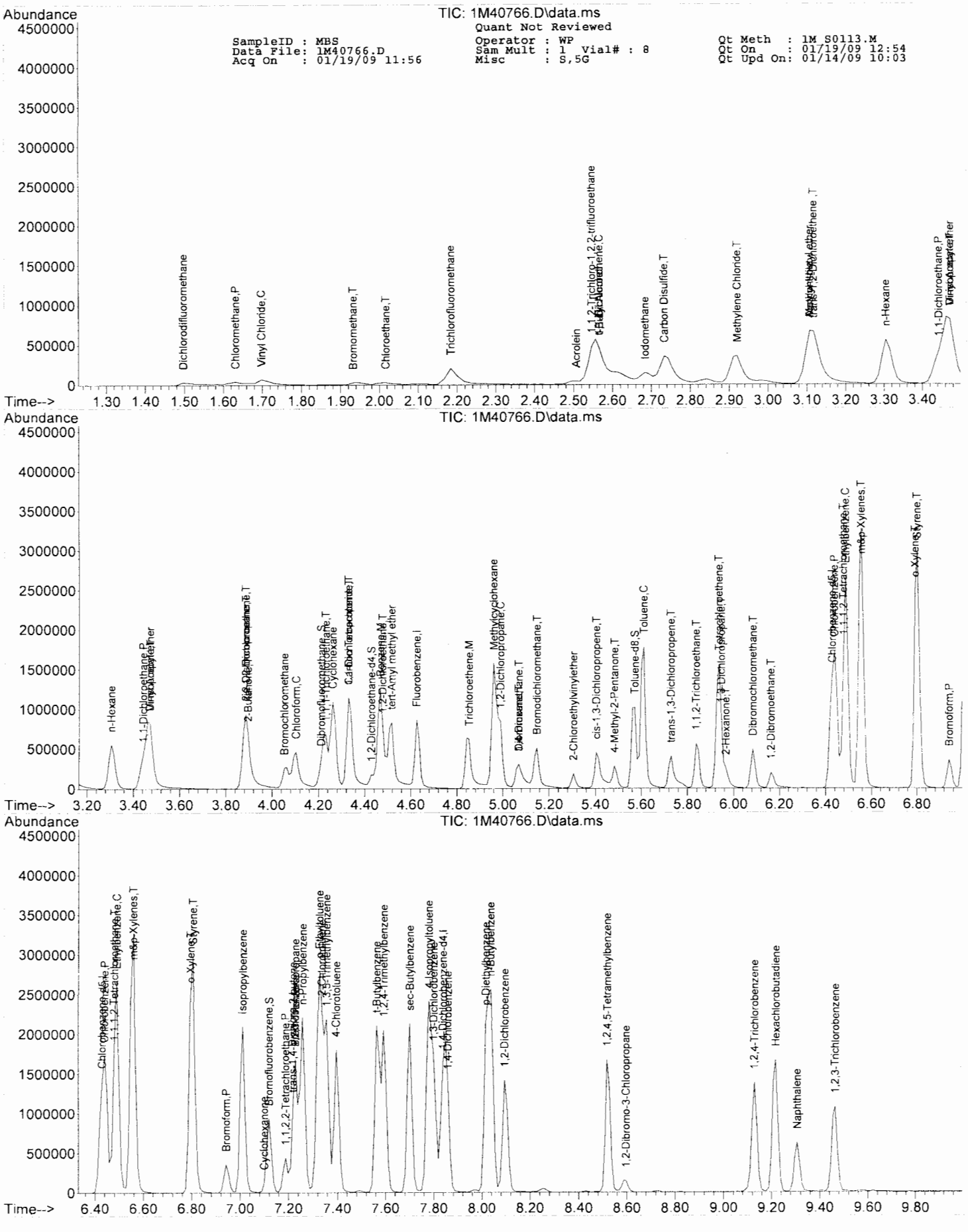
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G

Qt Meth : 1M_S0113.M
Qt On : 01/19/09 12:54
Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) 1,4-Dichlorobenzene	7.858	146	559443	42.20 ug/l	98
71) 1,2-Dichlorobenzene	8.095	146	525404	41.22 ug/l	98
72) Isopropylbenzene	7.011	105	1042697	30.37 ug/l	97
73) Cyclohexanone	7.100	55	7082	14.39 ug/l	82
74) 1,2,3-Trichloropropane	7.228	75	213777	33.27 ug/l	93
75) 2-Chlorotoluene	7.336	91	558036	34.59 ug/l	96
76) p-Ethyltoluene	7.326	105	882889	35.90 ug/l	98
77) 4-Chlorotoluene	7.395	91	616852	36.64 ug/l	99
78) n-Propylbenzene	7.257	91	1306301	36.63 ug/l	93
79) Bromobenzene	7.228	77	567048	36.97 ug/l	93
80) 1,3,5-Trimethylbenzene	7.356	105	915854	37.03 ug/l	58
81) t-Butylbenzene	7.563	119	925281	36.47 ug/l	96
82) 1,2,4-Trimethylbenzene	7.592	105	939231	35.83 ug/l	97
83) sec-Butylbenzene	7.701	105	1147830	34.71 ug/l	97
84) 4-Isopropyltoluene	7.780	119	1015395	38.23 ug/l	96
85) n-Butylbenzene	8.036	91	1223206	36.79 ug/l	96
86) p-Diethylbenzene	8.016	119	628198	28.58 ug/l	96
87) 1,2,4,5-Tetramethylben...	8.519	119	787775	22.23 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.598	157	43967	29.49 ug/l	98
89) Hexachlorobutadiene	9.219	225	368122	34.88 ug/l	98
90) 1,2,4-Trichlorobenzene	9.130	180	435077	36.77 ug/l	99
91) 1,2,3-Trichlorobenzene	9.465	180	365427	32.99 ug/l	97
92) Naphthalene	9.307	128	443774	20.68 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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SampleID : MBS
Data File: 1M40766.D
Acq On : 01/19/09 11:56
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G
Qt Meth : 1M_S0113.M
Qt On : 01/19/09 12:54
Qt Upd On: 01/14/09 10:03
Abundance
Time-->
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
n-Hexane
1,1-Dichloroethane,P
TIC: 1M40766.D\data.ms
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Bromochloromethane
Chloroform,C
Cyclohexane
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Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
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4-Chlorotoluene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-Chloropropane
1,2,4,5-Tetramethylbenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (Not Reviewed)

SampleID : AC42144-019(MS) Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40790.D Sam Mult : 1 Vial# : 33 Qt On : 01/20/09 06:31
Acq On : 01/19/09 18:43 Misc : S,5g!5 Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.626	96	505784	30.00	ug/l	0.05
45) Chlorobenzene-d5	6.429	117	419242	30.00	ug/l	0.04
60) 1,4-Dichlorobenzene-d4	7.839	152	260563	30.00	ug/l	0.03
System Monitoring Compounds						
30) Dibromofluoromethane	4.212	111	114514	31.37	ug/l	0.07
Spiked Amount 30.000			Recovery = 104.57%			
32) 1,2-Dichloroethane-d4	4.439	102	27685	34.45	ug/l	0.06
Spiked Amount 30.000			Recovery = 114.83%			
56) Toluene-d8	5.572	100	364344	29.96	ug/l	0.04
Spiked Amount 30.000			Recovery = 99.87%			
64) Bromofluorobenzene	7.119	174	215282	27.30	ug/l	0.03
Spiked Amount 30.000			Recovery = 91.00%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.511	85	83216	17.88	ug/l	94
4) Chloromethane	1.628	50	100395	31.27	ug/l	99
5) Bromomethane	1.946	94	25807	35.52	ug/l	96
6) Vinyl Chloride	1.712	62	70464	30.55	ug/l	99
7) Chloroethane	2.013	64	45934	51.65	ug/l	97
8) Trichlorofluoromethane	2.198	101	179160	24.05	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.556	101	165271	32.97	ug/l	98
10) Methylene Chloride	2.921	84	172977	32.21	ug/l	91
11) Acrolein	2.507	56	48924	67.06	ug/l	99
12) Acrylonitrile	3.108	53	37417	26.03	ug/l	83
13) Iodomethane	2.694	142	169835	30.32	ug/l	98
14) Acetone	2.615	43	193113	162.69	ug/l	96
15) Carbon Disulfide	2.743	76	572612	33.39	ug/l	100
16) t-Butyl Alcohol	2.566	59	9276	114.67	ug/l	63
17) n-Hexane	3.315	57	209934	27.44	ug/l	90
18) Di-isopropyl-ether	3.473	45	640965	25.80	ug/l	89
19) 1,1-Dichloroethene	2.566	61	338026	33.91	ug/l	97
20) Methyl Acetate	2.615	43	187929	40.60	ug/l	100
21) Methyl-t-butyl ether	3.108	73	260389	26.30	ug/l	90
22) 1,1-Dichloroethane	3.443	63	359662	31.55	ug/l	97
23) trans-1,2-Dichloroethene	3.128	96	181027	35.25	ug/l	85
24) cis-1,2-Dichloroethene	3.887	61	364657	31.42	ug/l	86
25) Bromochloromethane	4.064	49	199835	29.86	ug/l	85
26) 2,2-Dichloropropane	3.887	77	249770	35.88	ug/l	94
27) 1,4-Dioxane	5.069	88	63203	1430.90	ug/l	77
28) 1,1-Dichloropropene	4.330	75	267455	31.06	ug/l	97
29) Chloroform	4.103	83	308333	32.55	ug/l	99
31) Cyclohexane	4.261	56	375207	28.78	ug/l	90
33) 1,2-Dichloroethane	4.478	62	240136	31.02	ug/l	98
34) 2-Butanone	3.896	43	58799	30.51	ug/l	89
35) 1,1,1-Trichloroethane	4.232	97	281569	34.58	ug/l	97
36) Carbon Tetrachloride	4.340	117	253490	33.70	ug/l	89
37) Vinyl Acetate	3.473	43	448168	22.88	ug/l	100
38) Bromodichloromethane	5.148	83	251733	28.85	ug/l	97
39) Methylcyclohexane	4.961	83	370963	29.54	ug/l	87
40) Dibromomethane	5.069	174	135764	30.83	ug/l	95
41) 1,2-Dichloropropane	4.990	63	212878	27.75	ug/l	94
42) Trichloroethene	4.853	130	226746	30.66	ug/l	97
43) Benzene	4.468	78	740252	32.69	ug/l	100
44) tert-Amyl methyl ether	4.517	73	325087	34.46	ug/l	99
46) Dibromochloromethane	6.084	129	193372	32.29	ug/l	99
47) 2-Chloroethylvinylether	5.306	63	43576	24.59	ug/l	89
48) cis-1,3-Dichloropropene	5.414	75	241798	29.24	ug/l	99
49) trans-1,3-Dichloropropene	5.730	75	190991	28.92	ug/l	95
50) 1,1,2-Trichloroethane	5.848	97	140550	34.76	ug/l	95
51) 1,2-Dibromoethane	6.163	107	117914	28.40	ug/l	91
52) 1,3-Dichloropropane	5.946	76	229807	36.66	ug/l	97
53) 4-Methyl-2-Pentanone	5.483	43	135159	27.82	ug/l	96
54) 2-Hexanone	5.966	43	95415	28.90	ug/l	97
55) Tetrachloroethene	5.937	164	238006	36.47	ug/l	98
57) Toluene	5.611	92	557417	38.20	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.489	133	198179	38.68	ug/l	98
59) Chlorobenzene	6.449	112	584512	31.10	ug/l	99
61) Bromoform	6.942	173	147499	30.30	ug/l	96
62) Ethylbenzene	6.489	106	207680	32.71	ug/l	99
63) 1,1,2,2-Tetrachloroethane	7.188	83	184713	28.26	ug/l	89
65) Styrene	6.804	104	554298	28.30	ug/l	94
66) m&p-Xylenes	6.558	106	700645	73.20	ug/l	98
67) o-Xylene	6.804	106	365148	29.27	ug/l	96

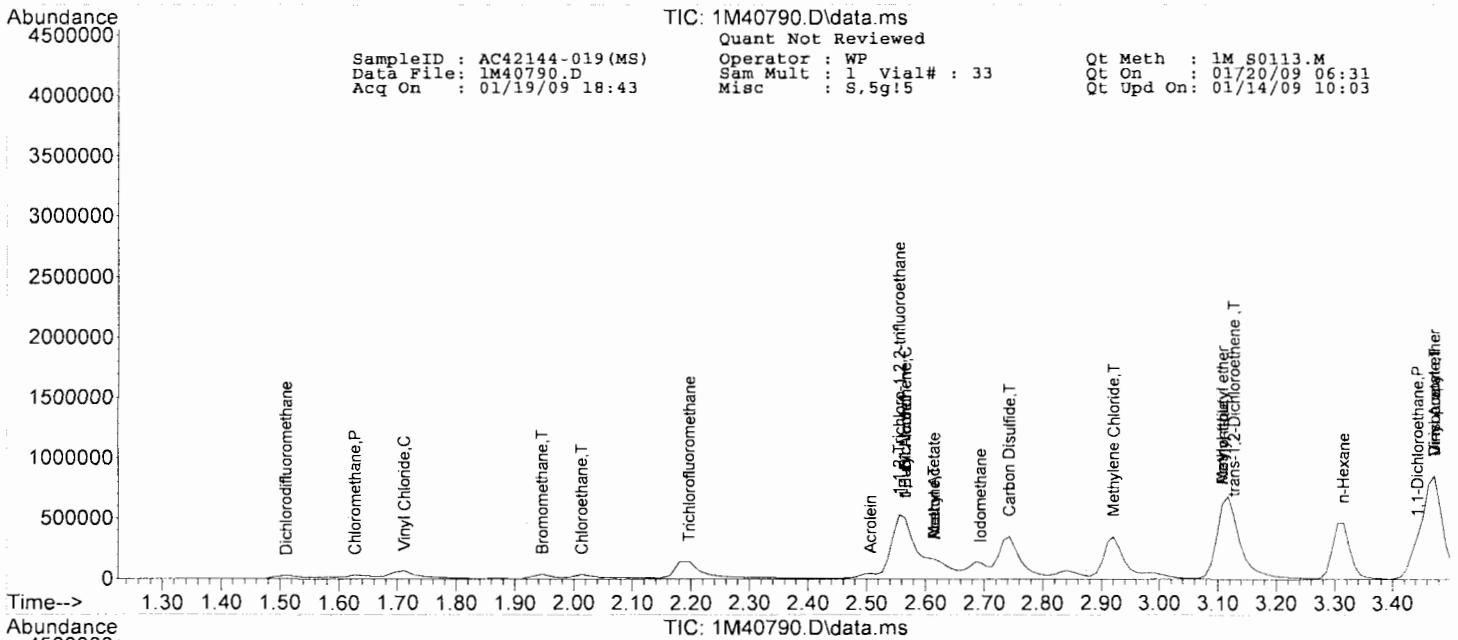
Quantitation Report (Not Reviewed)

SampleID : AC42144-019(MS) Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40790.D Sam Mult : 1 Vial# : 33 Qt On : 01/20/09 06:31
Acq On : 01/19/09 18:43 Misc : S,5g!5 Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	7.218	53	57286	33.63 ug/l	88
69) 1,3-Dichlorobenzene	7.799	146	513204	34.34 ug/l	98
70) 1,4-Dichlorobenzene	7.859	146	496357	38.36 ug/l	97
71) 1,2-Dichlorobenzene	8.095	146	486525	39.11 ug/l	98
72) Isopropylbenzene	7.011	105	1001212	29.88 ug/l	98
73) Cyclohexanone	7.100	55	7780	16.20 ug/l	73
74) 1,2,3-Trichloropropane	7.228	75	207308	33.06 ug/l	94
75) 2-Chlorotoluene	7.336	91	538670	34.21 ug/l	96
76) p-Ethyltoluene	7.326	105	811290	33.73 ug/l	98
77) 4-Chlorotoluene	7.395	91	534707	32.54 ug/l	98
78) n-Propylbenzene	7.257	91	1210302	34.78 ug/l	94
79) Bromobenzene	7.228	77	538203	35.95 ug/l	94
80) 1,3,5-Trimethylbenzene	7.356	105	877078	36.33 ug/l	60
81) t-Butylbenzene	7.563	119	880578	35.56 ug/l	96
82) 1,2,4-Trimethylbenzene	7.592	105	874181	34.17 ug/l	92
83) sec-Butylbenzene	7.701	105	1064226	32.97 ug/l	97
84) 4-Isopropyltoluene	7.780	119	934592	36.06 ug/l	97
85) n-Butylbenzene	8.036	91	1073110	33.07 ug/l	96
86) p-Diethylbenzene	8.016	119	548048	25.55 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.519	119	669637	19.36 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.598	157	44174	30.36 ug/l	98
89) Hexachlorobutadiene	9.219	225	306601	29.76 ug/l	98
90) 1,2,4-Trichlorobenzene	9.130	180	340288	29.47 ug/l	98
91) 1,2,3-Trichlorobenzene	9.465	180	300206	27.77 ug/l	97
92) Naphthalene	9.307	128	371473	17.74 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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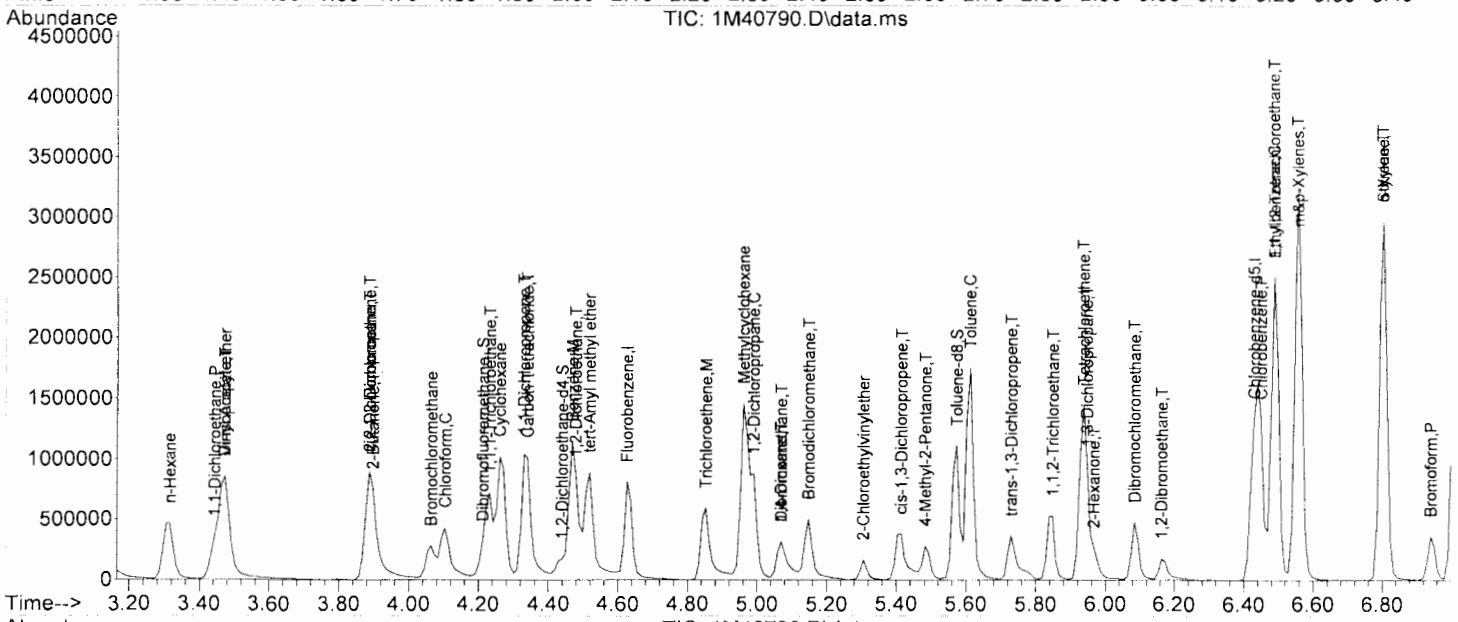
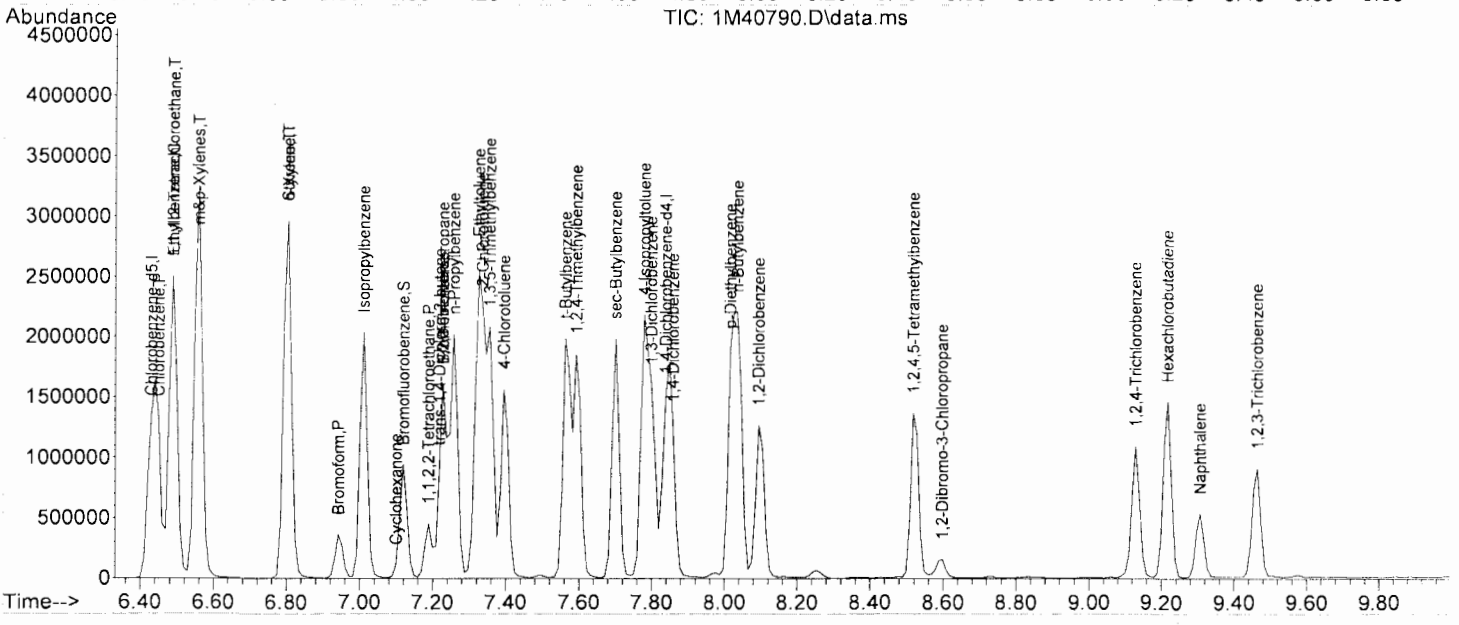
Quant Not Reviewed
SampleID : AC42144-019(MS)
Data File: 1M40790.D
Acq On : 01/19/09 18:43
Operator : WP
Sam Mult : 1 Vial# : 33
Misc : S,5g!5
Qt Meth : 1M_S0113.M
Qt On : 01/20/09 06:31
Qt Upd On: 01/14/09 10:03
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
trans-1,2-Dichloroethene,T
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M40790.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 1M40790.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
4-Chlorotoluene
n-Propylbenzene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
p-Diethylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42144-019(MSD) Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40791.D Sam Mult : 1 Vial# : 34 Qt On : 01/20/09 06:31
Acq On : 01/19/09 19:00 Misc : S,5g!6 Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.634	96	497024	30.00	ug/l	0.06
45) Chlorobenzene-d5	6.427	117	423192	30.00	ug/l	0.04
60) 1,4-Dichlorobenzene-d4	7.837	152	258964	30.00	ug/l	0.03
System Monitoring Compounds						
30) Dibromofluoromethane	4.210	111	117538	32.77	ug/l	0.07
Spiked Amount 30.000			Recovery = 109.23%			
32) 1,2-Dichloroethane-d4	4.437	102	28169	35.67	ug/l	0.06
Spiked Amount 30.000			Recovery = 118.90%			
56) Toluene-d8	5.570	100	359025	29.25	ug/l	0.04
Spiked Amount 30.000			Recovery = 97.50%			
64) Bromofluorobenzene	7.117	174	219511	28.01	ug/l	0.03
Spiked Amount 30.000			Recovery = 93.37%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.511	85	79036	17.28	ug/l	96
4) Chloromethane	1.628	50	98083	31.09	ug/l	98
5) Bromomethane	1.946	94	25767	36.09	ug/l	100
6) Vinyl Chloride	1.712	62	67065	29.59	ug/l	99
7) Chloroethane	2.013	64	44761	51.22	ug/l	96
8) Trichlorofluoromethane	2.198	101	180291	24.62	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.554	101	167441	33.99	ug/l	97
10) Methylene Chloride	2.919	84	171886	32.65	ug/l	86
11) Acrolein	2.505	56	49153	68.56	ug/l	97
12) Acrylonitrile	3.106	53	37766	26.73	ug/l	81
13) Iodomethane	2.692	142	176936	32.14	ug/l	99
14) Acetone	2.613	43	201884	176.39	ug/l	99
15) Carbon Disulfide	2.741	76	567299	33.66	ug/l	100
16) t-Butyl Alcohol	2.564	59	9080	114.23	ug/l	60
17) n-Hexane	3.313	57	213766	28.43	ug/l	90
18) Di-isopropyl-ether	3.471	45	640125	26.22	ug/l	88
19) 1,1-Dichloroethene	2.574	61	334075	34.11	ug/l	98
20) Methyl Acetate	2.613	43	197045	43.32	ug/l	100
21) Methyl-t-butyl ether	3.106	73	255784	26.29	ug/l	91
22) 1,1-Dichloroethane	3.441	63	346303	30.91	ug/l	99
23) trans-1,2-Dichloroethene	3.126	96	182676	36.20	ug/l	78
24) cis-1,2-Dichloroethene	3.894	61	366720	32.15	ug/l	94
25) Bromochloromethane	4.062	49	198493	30.19	ug/l	83
26) 2,2-Dichloropropane	3.885	77	252285	36.88	ug/l	93
27) 1,4-Dioxane	5.067	88	66288	1527.20	ug/l	76
28) 1,1-Dichloropropene	4.338	75	275638	32.57	ug/l	93
29) Chloroform	4.101	83	308182	33.11	ug/l	99
31) Cyclohexane	4.269	56	377454	29.46	ug/l	89
33) 1,2-Dichloroethane	4.486	62	233363	30.67	ug/l	96
34) 2-Butanone	3.894	43	56623	29.90	ug/l	92
35) 1,1,1-Trichloroethane	4.230	97	284153	35.52	ug/l	99
36) Carbon Tetrachloride	4.338	117	256928	34.76	ug/l	92
37) Vinyl Acetate	3.471	43	442843	23.00	ug/l	100
38) Bromodichloromethane	5.146	83	251862	29.38	ug/l	96
39) Methylcyclohexane	4.969	83	376867	30.54	ug/l	87
40) Dibromomethane	5.067	174	134244	31.02	ug/l	92
41) 1,2-Dichloropropane	4.988	63	215816	28.63	ug/l	96
42) Trichloroethene	4.850	130	231753	31.89	ug/l	98
43) Benzene	4.466	78	750942	33.74	ug/l	100
44) tert-Amyl methyl ether	4.515	73	327670	35.35	ug/l	98
46) Dibromochloromethane	6.082	129	199502	33.00	ug/l	97
47) 2-Chloroethylvinylether	5.304	63	45558	25.47	ug/l	92
48) cis-1,3-Dichloropropene	5.412	75	241730	28.95	ug/l	98
49) trans-1,3-Dichloropropene	5.728	75	194668	29.20	ug/l	98
50) 1,1,2-Trichloroethane	5.846	97	143482	35.16	ug/l	96
51) 1,2-Dibromoethane	6.171	107	120949	28.86	ug/l	92
52) 1,3-Dichloropropane	5.944	76	233894	36.96	ug/l	96
53) 4-Methyl-2-Pentanone	5.491	43	138402	28.22	ug/l	90
54) 2-Hexanone	5.964	43	98723	29.62	ug/l	98
55) Tetrachloroethene	5.935	164	240368	36.49	ug/l	99
57) Toluene	5.609	92	558570	37.92	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.487	133	201905	39.04	ug/l	97
59) Chlorobenzene	6.447	112	587821	30.99	ug/l	97
61) Bromoform	6.940	173	151285	31.27	ug/l	96
62) Ethylbenzene	6.496	106	202688	32.12	ug/l	90
63) 1,1,2,2-Tetrachloroethane	7.186	83	193197	29.74	ug/l	88
65) Styrene	6.802	104	568902	29.23	ug/l	93
66) m&p-Xylenes	6.556	106	712979	74.95	ug/l	99
67) o-Xylene	6.802	106	371376	29.95	ug/l	95

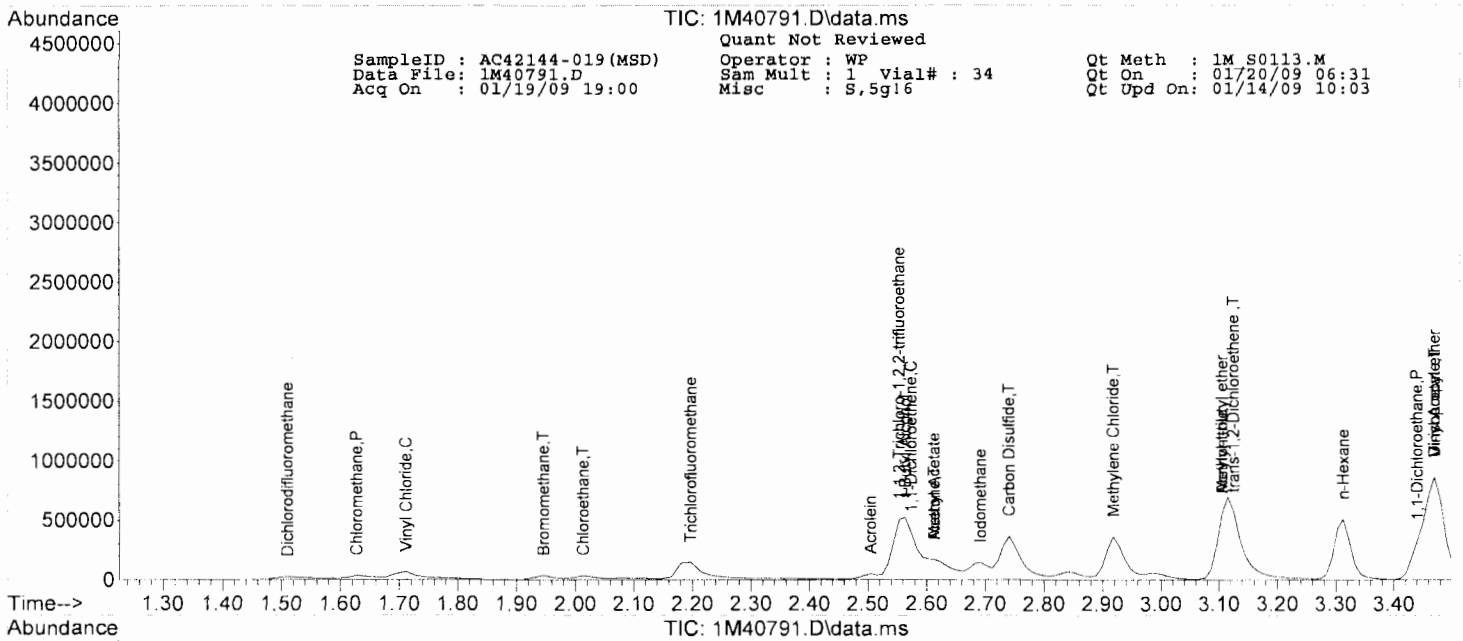
Quantitation Report (Not Reviewed)

SampleID : AC42144-019(MSD) Operator : WP Qt Meth : 1M_S0113.M
Data File: 1M40791.D Sam Mult : 1 Vial# : 34 Qt On : 01/20/09 06:31
Acq On : 01/19/09 19:00 Misc : S,5g!6 Qt Upd On: 01/14/09 10:03

Data Path : G:\GcMsData\2009\GCMS_1\Data\01-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_1\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	7.216	53	60045	35.47 ug/l	88
69) 1,3-Dichlorobenzene	7.797	146	523490	35.25 ug/l	97
70) 1,4-Dichlorobenzene	7.856	146	513261	39.91 ug/l	99
71) 1,2-Dichlorobenzene	8.103	146	501218	40.54 ug/l	98
72) Isopropylbenzene	7.009	105	1011532	30.37 ug/l	97
73) Cyclohexanone	7.098	55	7891	16.53 ug/l	82
74) 1,2,3-Trichloropropane	7.226	75	216188	34.69 ug/l	94
75) 2-Chlorotoluene	7.334	91	567213	36.25 ug/l	97
76) p-Ethyltoluene	7.324	105	809915	33.88 ug/l	100
77) 4-Chlorotoluene	7.393	91	524367	32.11 ug/l	99
78) n-Propylbenzene	7.255	91	1237504	35.78 ug/l	93
79) Bromobenzene	7.226	77	554104	37.24 ug/l	93
80) 1,3,5-Trimethylbenzene	7.354	105	719441	29.99 ug/l	34
81) t-Butylbenzene	7.571	119	889592	36.14 ug/l	96
82) 1,2,4-Trimethylbenzene	7.590	105	890861	35.03 ug/l	91
83) sec-Butylbenzene	7.699	105	1103226	34.39 ug/l	98
84) 4-Isopropyltoluene	7.778	119	959273	37.24 ug/l	97
85) n-Butylbenzene	8.034	91	1093366	33.90 ug/l	95
86) p-Diethylbenzene	8.024	119	569175	26.69 ug/l	91
87) 1,2,4,5-Tetramethylben...	8.527	119	733300	21.33 ug/l	95
88) 1,2-Dibromo-3-Chloropr...	8.596	157	47522	32.86 ug/l	97
89) Hexachlorobutadiene	9.217	225	321535	31.41 ug/l	98
90) 1,2,4-Trichlorobenzene	9.128	180	359858	31.36 ug/l	98
91) 1,2,3-Trichlorobenzene	9.463	180	319235	29.71 ug/l	98
92) Naphthalene	9.305	128	450399	21.64 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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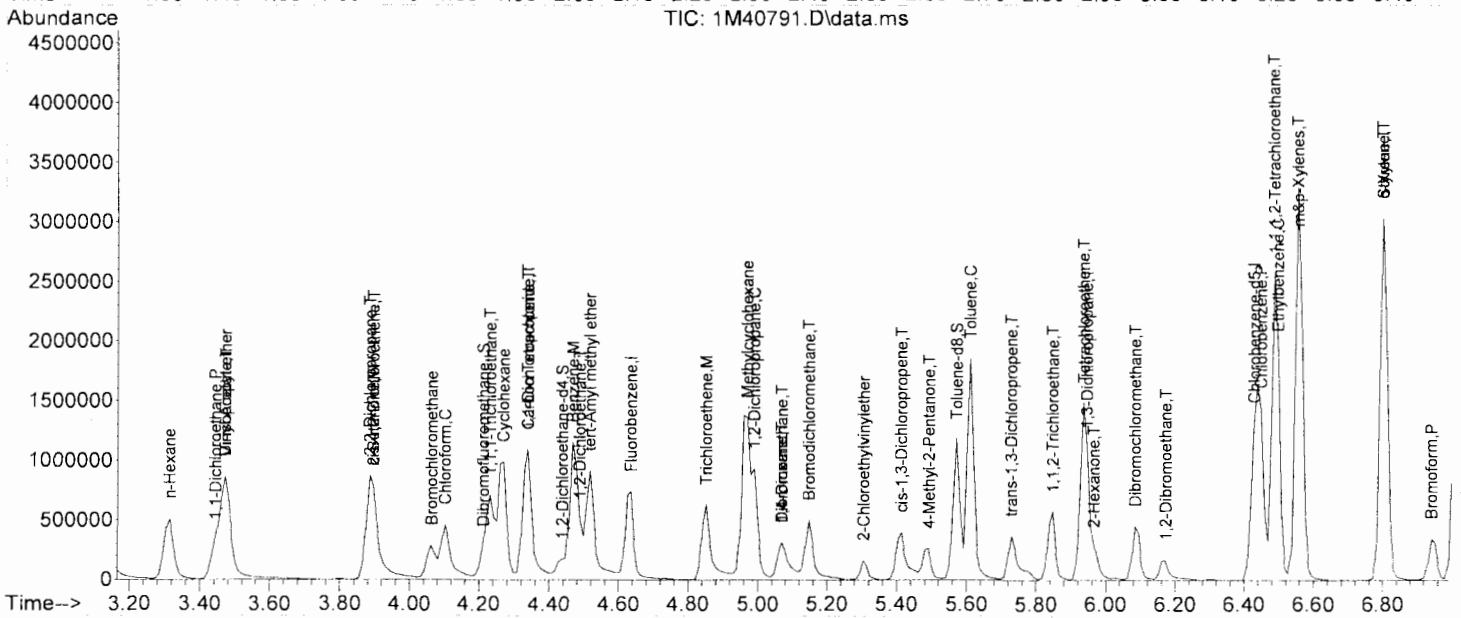
Quant Not Reviewed
SampleID : AC42144-019(MSD)
Data File: 1M40791.D
Acq On : 01/19/09 19:00
Operator : WP
Sam Mult : 1 Vial# : 34
Misc : S,5g16
Qt Meth : 1M_S0113.M
Qt On : 01/20/09 06:31
Qt Upd On: 01/14/09 10:03
Abundance
Time-->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Abundance
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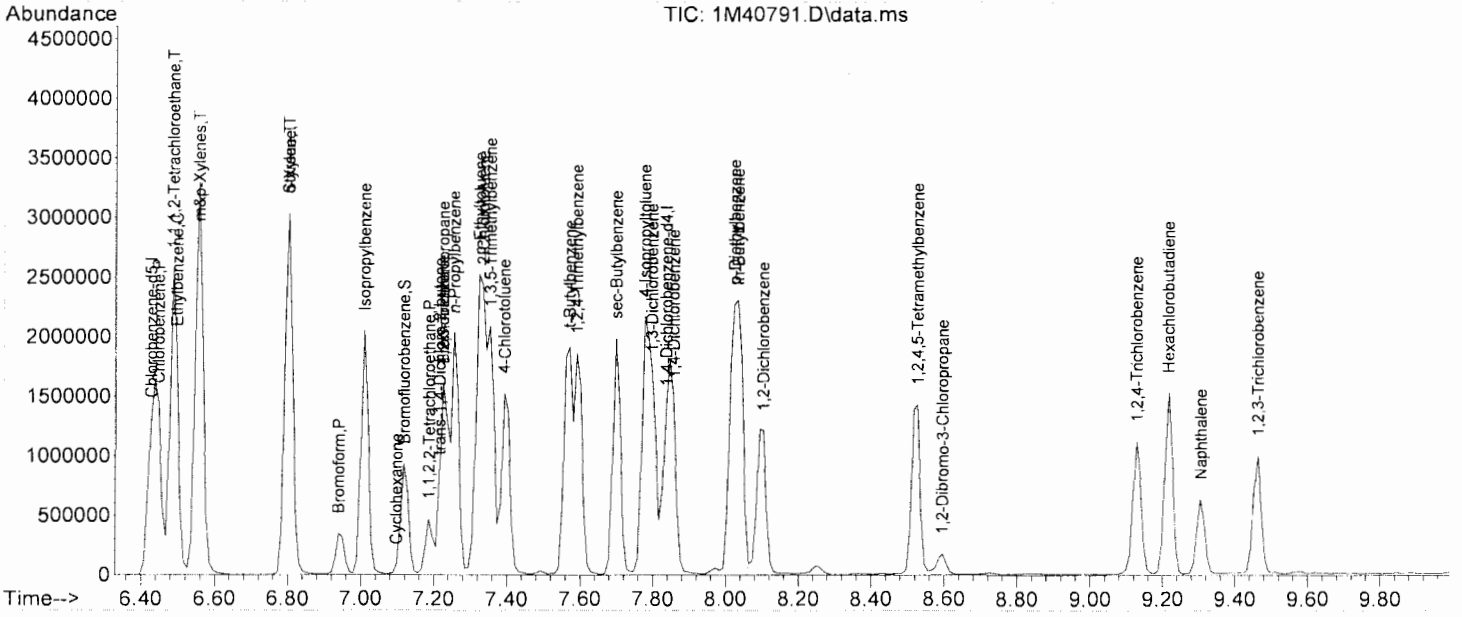
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Abundance
Time-->

GC/MS Volatile Data
Logbook Data

RUN LOG

Instrument: GCMS_3 Year: 2002 87
Analyst: WP

1-1-3M57493

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M57493.	BFB TUNE		OK,V-57566,V-56379,V-57463	DB						12/19 10:41
3M57494.	CAL @ 1 PPB		B-4866	DB		Aqueous	1	1	624 8260	12/19 10:51
3M57495.	CAL @ 0.5 PPB		B-4866	DB		Aqueous	1	1	624 8260	12/19 11:11
3M57496.	5 PPB		-	DB		Aqueous	1	1	624 8260	12/19 11:29
3M57497.	CAL @ 500 PPB	Oc	B-4866	DB		Aqueous	1	1	624 8260	12/19 11:46
3M57498.	CAL @ 250 PPB	Oc	B-4866	DB		Aqueous	1	1	624 8260	12/19 12:03
3M57499.	CAL @ 100 PPB	Oc	B-4866	DB		Aqueous	1	1	624 8260	12/19 12:20
3M57500.	CAL @ 50 PPB		B-4866	DB		Aqueous	1	1	624 8260	12/19 12:37
3M57501.	CAL @ 20 PPB		B-4866	DB		Aqueous	1	1	624 8260	12/19 12:55
3M57502.	CAL @ 10 PPB		B-4866	DB		Aqueous	1	1	624 8260	12/19 13:12
3M57503.	BLK		-	DB		Aqueous	1	1	624 8260	12/19 13:29
3M57504.	STDTEST		-	DB		Aqueous	1	1	624 8260	12/19 13:46
3M57505.	BLK		-	DB		Aqueous	1	1	624 8260	12/19 14:03
3M57506.	CAL @ 5 PPB		B-4866	DB		Aqueous	1	1	624 8260	12/19 14:20
3M57507.	STDTEST		-	DB		Aqueous	1	1	624 8260	12/19 14:56
3M57508.	ICV	Ivo	V-57765	DB		Aqueous	1	1	624 8260	12/19 15:38
3M57509.	BLK		-	DB		Aqueous	1	1	624 8260	12/19 15:55
3M57510.	DAILY BLANK		OK	DB		Methano	1	1	8260	12/19 16:12
3M57511.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	12/19 16:29
3M57512.	AC41811-007		OK	DB	VO-PAUMO8	Aqueous	1	1	8260	12/19 16:46
3M57513.	MBS10797		OK MBS10797	DB		Aqueous	1	1	624 8260	12/19 17:03
3M57514.	MBS10798		OK MBS10798	DB		Methano	1	1	8260	12/19 17:21
3M57515.	AC41831-003(10X)		OK	DB	VO-624	Aqueous	1	10	624	12/19 17:38
3M57516.	AC41811-006		OK	DB	VO-PAUMO8	Aqueous	1	1	8260	12/19 17:55
3M57517.	AC41811-001		OK	DB	VO-PAUMO8	Aqueous	1	1	8260	12/19 18:12
3M57518.	AC41811-002		OK	DB	VO-PAUMO8	Aqueous	1	1	8260	12/19 18:29
3M57519.	AC41811-003		OK	DB	VO-PAUMO8	Aqueous	1	1	8260	12/19 18:46
3M57520.	AC41811-004		OK	DB	VO-PAUMO8	Aqueous	1	1	8260	12/19 19:06
3M57521.	AC41811-005		OK	DB	VO-PAUMO8	Aqueous	1	1	8260	12/19 19:23
3M57522.	AC41831-004(10X)		OK	DB	VO-624	Aqueous	1	10	624	12/19 19:40
3M57523.	AC41684-035(MS)		OK MBS10797	DB	VO-8260	Aqueous	1	1	624 8260	12/19 19:57
3M57524.	AC41684-035(MSD)		OK MBS10797	DB	VO-8260	Aqueous	1	1	624 8260	12/19 20:14
3M57525.	MBS10807		OK MBS10807	DB		Aqueous	1	1	624 8260	12/19 20:31
3M57526.	AC41830-001(200X)		RR-10X	DB	VO-8260	Aqueous	1	200	8260	12/19 20:48
3M57527.	AC41830-003		OK	DB	VO-8260	Aqueous	1	1	8260	12/19 21:05
3M57528.	AC41830-004		OK	DB	VO-8260	Aqueous	1	1	8260	12/19 21:22
3M57529.	AC41830-010(5X)		OK	DB	VO-8260	Aqueous	1	5	8260	12/19 21:42
3M57530.	AC41830-007(10X)		RR-5X	DB	VO-8260	Aqueous	1	10	8260	12/19 22:04
3M57531.	AC41830-008(10X)(MS		RR-5X	DB	VO-8260	Aqueous	1	10	624 8260	12/19 22:27
3M57532.	AC41830-009(10X)(MS	Ti8	RR-5X	DB	VO-8260	Aqueous	1	10	624 8260	12/19 22:50
3M57533.	AC41830-005(10X)	Ti8	RR-1X	DB	VO-8260	Aqueous	1	10	8260	12/19 23:14
3M57534.	AC41830-006(50X)	Ti8	RR-1X	DB	VO-8260	Aqueous	1	50	8260	12/19 23:37
3M57535.	AC41830-002(50X)	Ti8	RR-5X	DB	VO-8260	Aqueous	1	50	8260	12/20 00:00
3M57536.	MBS10804	Ti8	OK MBS10804	DB		Aqueous	1	1	624 8260	12/20 00:20
3M57537.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	12/20 00:37
3M57538.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	12/20 00:54
3M57539.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	12/20 01:11
3M57540.	BLK	Ti8	OK	DB		Aqueous	1	1	624 8260	12/20 01:29
3M57541.	AC41819-034		OK	DB	VO10-624	Aqueous	1	1	624	12/20 01:46
3M57542.	AC41819-035		OK	DB	VO10-624	Aqueous	1	1	624	12/20 02:03
3M57543.	AC41819-002		OK	DB	VO10-624	Aqueous	1	1	624	12/20 02:20
3M57544.	AC41819-004		OK	DB	VO10-624	Aqueous	1	1	624	12/20 02:37
3M57545.	AC41819-007		OK	DB	VO10-624	Aqueous	1	1	624	12/20 02:55
3M57546.	AC41819-008		OK	DB	VO10-624	Aqueous	1	1	624	12/20 03:12
3M57547.	AC41819-009		OK	DB	VO10-624	Aqueous	1	1	624	12/20 03:29
3M57548.	AC41819-013		OK	DB	VO10-624	Aqueous	1	1	624	12/20 03:47
3M57549.	AC41819-015		RR-1X - TIC CO	DB	VO10-624	Aqueous	1	1	624	12/20 04:04
3M57550.	AC41819-024	S6AoOc	RR-200X	DB	VO10-624	Aqueous	1	1	624	12/20 04:21
3M57551.	AC41819-025		RR-1X - CO	DB	VO10-624	Aqueous	1	1	624	12/20 04:38
3M57552.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	12/20 04:55
3M57553.	AC41819-029		RR-1X - CO	DB	VO10-624	Aqueous	1	1	624	12/20 05:12
3M57554.	AC41819-030		RR-1X - CO	DB	VO10-624	Aqueous	1	1	624	12/20 05:30
3M57555.	AC41819-031		RR-1X - CO	DB	VO10-624	Aqueous	1	1	624	12/20 05:47
3M57556.	AC41819-003		RR-1X - CO	DB	VO10-624	Aqueous	1	1	624	12/20 06:04
3M57557.	AC41819-010		OK	DB	VO10-624	Aqueous	1	1	624	12/20 06:22
3M57558.	AC41819-011		OK	DB	VO10-624	Aqueous	1	1	624	12/20 06:39

Anc	Area Not Checked	En	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvnot Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or andtn
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R18 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rls	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Co	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Dilution Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

1-1-3M57559

RUN LOG

Instrument: GCMS_3 Year: 2006 00288
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M57559.	AC41819-014		OK	DB	VO10-624	Aqueous	1	1	624	12/20 06:56
3M57560.	AC41819-021	S6Oc	RR-200X	DB	VO10-624	Aqueous	1	1	624	12/20 07:13
3M57561.	AC41819-022	Oc	RR-200X	DB	VO10-624	Aqueous	1	1	624	12/20 07:30
3M57562.	MBS10805	Ti8	- MBS10805	DB		Aqueous	1	1	624 8260	12/20 07:47
3M57563.	AC41662-004(MS)	Ti8	OK MBS10804	DB	VO10-624	Aqueous	1	1	624 8260	12/20 08:04
3M57564.	AC41662-004(MSD)	Ti8	OK MBS10804	DB	VO10-624	Aqueous	1	1	624 8260	12/20 08:21
3M57565.	MBS10806	Ti8	OK MBS10806	DB		Aqueous	1	1	624 8260	12/20 08:38
3M57566.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	12/20 08:55
3M57567.	AC41775-007		RR-1X - CO	DB	VO10-624	Aqueous	1	1	624	12/20 09:13
3M57568.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	12/20 09:30
3M57569.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	12/20 09:47
3M57570.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	12/20 10:04
3M57571.	BLK	Ti8				Aqueous	1	1	624 8260	12/20 10:21

Anc	Area Not Checked	En	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Toln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Toln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Qc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

1-1-3M58072

RUN LOG

Instrument: GCMS_3 Year: 2008289
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M58072	BFB TUNE		OK,V-57566,V-58440,V-56379,V-58319	DB						01/08 06:39
3M58073	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	01/08 06:49
3M58074	BLKFB		-	DB		Aqueous	1	1	624 8260	01/08 07:11
3M58075	DAILY BLANK		OK	DB		Methano	1	1	8260	01/08 07:28
3M58076	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	01/08 07:48
3M58077	AC42019-002		OK	DB	VO-8260	Aqueous	1	1	8260	01/08 08:05
3M58078	AC42012-011(2X)		OK	DB	VO10-624	Aqueous	1	2	624	01/08 08:25
3M58079	MBS10929		OK MBS10929	DB		Methano	1	1	8260	01/08 08:43
3M58080	MBS10930		OK MBS10930	DB		Aqueous	1	1	624 8260	01/08 09:00
3M58081	BLKHCL		OK	DB		Aqueous	1	1	624 8260	01/08 09:17
3M58082	AC42024-001		OK	DB	VO-624	Aqueous	1	1	624	01/08 09:35
3M58083	AC42019-003(50X)		OK	DB	VO-8260	Aqueous	1	50	8260	01/08 09:55
3M58084	BLK		-	DB		Aqueous	1	1	624 8260	01/08 10:13
3M58085	AC42043-004		OK	DB	VO10-624	Aqueous	1	1	624	01/08 10:31
3M58086	AC42043-005		OK	DB	VO10-624	Aqueous	1	1	624	01/08 10:48
3M58087	AC42043-001		OK	DB	VO10-624	Aqueous	1	1	624	01/08 11:05
3M58088	AC42043-003		RR-1X - possible CO see below	DB	VO10-624	Aqueous	1	1	624	01/08 11:22
3M58089	AC42033-001		OK	DB	VO10-624	Aqueous	1	1	624	01/08 11:39
3M58090	AC42048-001		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/08 11:56
3M58091	AC42043-002(10X)		OK	DB	VO10-624	Aqueous	1	10	624	01/08 12:16
3M58092	MBS10932		OK MBS10932	DB		Aqueous	1	1	624 8260	01/08 12:37
3M58093	BLK		-	DB		Aqueous	1	1	624 8260	01/08 12:55
3M58094	AC42043-003		OK	DB	VO10-624	Aqueous	1	1	624	01/08 13:12
3M58095	AC42029-013(MS)		OK MBS10929	DB	VO10-8260	Methano	1	1	8260	01/08 13:29
3M58096	AC42029-013(MSD)		OK MBS10929	DB	VO10-8260	Methano	1	1	8260	01/08 14:16
3M58097	AC42021-001(MS)		OK MBS10930	DB	VO10-624	Aqueous	1	1	624 8260	01/08 14:33
3M58098	AC42021-001(MSD)		OK MBS10930	DB	VO10-624	Aqueous	1	1	624 8260	01/08 14:51
3M58099	AC41930-005(T:MS)		OK MBS10932	DB	VOTCLP-826	Aqueous	1	1	624 8260	01/08 15:14
3M58100	AC41930-005(T:MSD)		OK MBS10932	DB	VOTCLP-826	Aqueous	1	1	624 8260	01/08 15:31
3M58101	BLK		-	DB		Aqueous	1	1	624 8260	01/08 15:49
3M58102	BLK		-	DB		Aqueous	1	1	624 8260	01/08 16:07
3M58103	BLK		-	DB		Aqueous	1	1	624 8260	01/08 16:25
3M58104	BLK		-	DB		Aqueous	1	1	624 8260	01/08 16:42

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckprepruncda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-3M58155

Instrument: GCMS_3 Year: 2008
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M58155.	BFB TUNE		OK,V-57566,V-56379,V-58319	DB						01/13 08:15
3M58156.	BLK	IsCnAnc	-	DB		Aqueous	1	1	624 8260	01/13 08:25
3M58157.	CAL @ 1 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 08:54
3M58158.	CAL @ 0.5 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 09:14
3M58159.	CAL @ 5 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 09:33
3M58160.	CAL @ 500 PPB	Oc	B-4993	DB		Aqueous	1	1	624 8260	01/13 09:50
3M58161.	CAL @ 250 PPB	Oc	B-4993	DB		Aqueous	1	1	624 8260	01/13 10:07
3M58162.	CAL @ 100 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 10:24
3M58163.	CAL @ 50 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 10:41
3M58164.	CAL @ 20 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 10:59
3M58165.	CAL @ 10 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 11:17
3M58166.	BLK		-	DB		Aqueous	1	1	624 8260	01/13 11:36
3M58167.	ICV	Ivo	V-58910	DB		Aqueous	1	1	624 8260	01/13 12:03
3M58168.	BLK		-	DB		Aqueous	1	1	624 8260	01/13 12:20
3M58169.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	01/13 12:37
3M58170.	DAILY BLANK		OK	DB		Methano	1	1	8260	01/13 12:55
3M58171.	MBS10953		OK MBS10953	DB		Aqueous	1	1	624 8260	01/13 13:12
3M58172.	MBS10954		OK MBS10954	DB		Methano	1	1	8260	01/13 13:29
3M58173.	BLK		-	DB		Aqueous	1	1	624 8260	01/13 13:46
3M58174.	AC42112-001		OK	DB	VO10-8260	Aqueous	1	1	8260	01/13 14:03
3M58175.	AC42112-002		OK	DB	VO10-8260	Aqueous	1	1	8260	01/13 14:20
3M58176.	AC42116-004		RR-1X see below	DB	VO-8260	Aqueous	1	1	8260	01/13 14:37
3M58177.	AC42051-001(T)	Eto	OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/13 14:55
3M58178.	AC42051-002(T)	Eto	OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/13 15:12
3M58179.	AC42051-003(T)	S8Eto	RR-1X	DB	VOTCLP-826	Aqueous	1	1	8260	01/13 15:29
3M58180.	AC42051-004(T)	Eto	OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/13 15:46
3M58181.	EF-1-V-58362(011309)		OK	DB		Aqueous	1	1130	8260	01/13 16:03
3M58182.	BLK		-	DB		Aqueous	1	1	624 8260	01/13 16:20
3M58183.	AC42116-004		OK	DB	VO-8260	Aqueous	1	1	8260	01/13 16:37
3M58184.	AC42104-013		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/13 16:54
3M58185.	AC42104-011		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/13 17:11
3M58186.	AC42108-006		OK	DB	VO10-624	Aqueous	1	1	624	01/13 17:28
3M58187.	AC42104-010		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/13 17:45
3M58188.	AC42104-012		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/13 18:02
3M58189.	AC42101-001		OK	DB	VO10-624	Aqueous	1	1	624	01/13 18:19
3M58190.	AC42101-002		OK	DB	VO10-624	Aqueous	1	1	624	01/13 18:36

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Eto	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Etn	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endtn
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hn	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calnol csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Co	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckoreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	if for 600 ser Too many samples begin Calibration

1-1-1M40501

RUN LOG

Instrument: GCMS_1 Year: 2000 0291
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M40501.	BFB TUNE		OK,V-57566,V-56379,V-58319	DB						01/13 10:12
1M40502.	1 PPB	IsCnAnc	-	DB		Soil	1	1	8260	01/13 10:22
1M40503.	CAL @ 500 PPB	Oc	B-4995	DB		Soil	1	1	624 8260	01/13 10:39
1M40504.	CAL @ 250 PPB	Oc	B-4995	DB		Soil	1	1	624 8260	01/13 10:56
1M40505.	CAL @ 100 PPB		B-4995	DB		Soil	1	1	624 8260	01/13 11:13
1M40506.	CAL @ 50 PPB		B-4995	DB		Soil	1	1	624 8260	01/13 11:30
1M40507.	CAL @ 20 PPB		B-4995	DB		Soil	1	1	624 8260	01/13 11:47
1M40508.	CAL @ 10 PPB		B-4995	DB		Soil	1	1	624 8260	01/13 12:04
1M40509.	CAL @ 5 PPB		B-4995	DB		Soil	1	1	624 8260	01/13 12:21
1M40511.	CAL @ 1 PPB		B-4995	DB		Soil	1	1	624 8260	01/13 12:55
1M40512.	ICV	Ivo	V-58930	DB		Soil	1	1	8260	01/13 13:22
1M40514.	BLK		-	DB		Soil	1	1	8260	01/13 13:56
1M40515.	DAILY BLANK		OK	DB		Soil	1	1	8260	01/13 14:13
1M40516.	BLK	S8AoRo	-	DB		Soil	1	1	8260	01/13 14:25
1M40517.	MBS10955		- MBS10955	DB		Soil	1	1	8260	01/13 14:58
1M40518.	MBS10956		OK MBS10956	DB		Soil	1	1	8260	01/13 15:19
1M40519.	AC42081-002(MS)		N/G MBS10956	DB	VO10-8260	Soil	1	1	8260	01/13 15:36
1M40520.	AC42081-002(MSD)		N/G MBS10956	DB	VO10-8260	Soil	1	1	8260	01/13 15:53
1M40521.	BLK		-	DB		Soil	1	1	8260	01/13 16:10
1M40522.	AC42081-001		OK	DB	VO10-8260	Soil	1	1	8260	01/13 16:27
1M40523.	AC42081-002		OK MBS10956	DB	VO10-8260	Soil	1	1	8260	01/13 16:44
1M40524.	AC42081-007		OK	DB	VO10-8260	Soil	1	1	8260	01/13 17:01
1M40525.	AC42081-010		OK	DB	VO10-8260	Soil	1	1	8260	01/13 17:18
1M40526.	AC42081-011		OK	DB	VO10-8260	Soil	1	1	8260	01/13 17:34
1M40527.	AC42081-012		OK	DB	VO10-8260	Soil	1	1	8260	01/13 17:51
1M40528.	AC42081-013		OK	DB	VO10-8260	Soil	1	1	8260	01/13 18:08
1M40529.	AC42081-014		OK	DB	VO10-8260	Soil	1	1	8260	01/13 18:25
1M40530.	AC42081-015		OK	DB	VO10-8260	Soil	1	1	8260	01/13 18:42
1M40531.	AC42081-016		OK	DB	VO10-8260	Soil	1	1	8260	01/13 18:59
1M40532.	AC42081-017		OK	DB	VO10-8260	Soil	1	1	8260	01/13 19:16
1M40533.	AC42081-018		OK	DB	VO10-8260	Soil	1	1	8260	01/13 19:33
1M40534.	AC42081-019		OK	DB	VO10-8260	Soil	1	1	8260	01/13 19:50
1M40535.	AC42081-020	S8AoRo	RR-5g	DB	VO10-8260	Soil	1	1	8260	01/13 20:07
1M40536.	AC42081-021		OK	DB	VO10-8260	Soil	1	1	8260	01/13 20:24
1M40537.	AC42105-001		OK	DB	VO10-8260	Soil	1	1	8260	01/13 20:41
1M40538.	AC42105-002		OK	DB	VO10-8260	Soil	1	1	8260	01/13 20:58
1M40539.	BLK		-	DB		Soil	1	1	8260	01/13 21:15
1M40540.	BLK		-	DB		Soil	1	1	8260	01/13 21:32
1M40541.	BLK		-	DB		Soil	1	1	8260	01/13 21:49
1M40542.	BLK		-	DB		Soil	1	1	8260	01/13 22:06
1M40543.	BLK	Ti8	-	DB		Soil	1	1	8260	01/13 22:22
1M40544.	BLK	Ti8	-	DB		Soil	1	1	8260	01/13 22:39
1M40545.	BLK	Ti8	-	DB		Soil	1	1	8260	01/13 22:56
1M40546.	BLK	Ti8	-	DB		Soil	1	1	8260	01/13 23:13

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Mission/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emb	Problem Checking Prep/undates modcheckprepunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_6 Year: 2008 0292
Analyst: WP

1-1-6M36942

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6M36942.	BFB TUNE		OK,V-57566,V-56379,V-58319	DB						01/14 09:07
6M36943.	BLK	IsCnAnc	-	DB		Aqueous	1	1	624 8260	01/14 09:18
6M36944.	CAL @ 1 PPB		B-4995	DB		Aqueous	1	1	624 8260	01/14 09:35
6M36945.	CAL @ 0.5 PPB		B-4995	DB		Aqueous	1	1	624 8260	01/14 09:51
6M36946.	CAL @ 5 PPB		B-4995	DB		Aqueous	1	1	624 8260	01/14 10:07
6M36947.	CAL @ 500 PPB	Oc	B-4995	DB		Aqueous	1	1	624 8260	01/14 10:23
6M36948.	CAL @ 250 PPB	Oc	B-4995	DB		Aqueous	1	1	624 8260	01/14 10:39
6M36949.	CAL @ 100 PPB		B-4995	DB		Aqueous	1	1	624 8260	01/14 10:56
6M36950.	CAL @ 50 PPB		B-4995	DB		Aqueous	1	1	624 8260	01/14 11:12
6M36951.	CAL @ 10 PPB		B-4995	DB		Aqueous	1	1	624 8260	01/14 11:28
6M36952.	CAL @ 20 PPB		B-4995	DB		Aqueous	1	1	624 8260	01/14 11:44
6M36953.	BLK		-	DB		Aqueous	1	1	624 8260	01/14 12:01
6M36954.	ICV	Ivo	V-58930	DB		Aqueous	1	1	624 8260	01/14 12:22
6M36955.	BLK		-	DB		Aqueous	1	1	624 8260	01/14 12:39
6M36956.	BLK		-	DB		Aqueous	1	1	624 8260	01/14 12:55
6M36957.	BLK		-	DB		Aqueous	1	1	624 8260	01/14 13:11
6M36958.	DAILY BLANK		OK	DB		Methano	1	1	8260	01/14 13:32
6M36959.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	01/14 13:48
6M36960.	MBS10963		OK MBS10963	DB		Methano	1	1	8260	01/14 14:04
6M36961.	MBS10964		OK MBS10964	DB		Aqueous	1	1	624 8260	01/14 14:20
6M36962.	BLK		-	DB		Aqueous	1	1	624 8260	01/14 14:37
6M36963.	AC42097-007		OK	DB	VO10-8260	Methano	1	1	8260	01/14 14:53
6M36964.	AC42097-009		OK	DB	VO10-8260	Methano	1	1	8260	01/14 15:09
6M36965.	AC42135-001		OK	DB	VO10-8260	Methano	1	1	8260	01/14 15:25
6M36966.	AC42116-002(T)		OK MBS10964	DB	VOTCLP-826	Aqueous	1	1	8260	01/14 15:41
6M36967.	AC42118-001(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/14 15:57
6M36968.	AC42118-003(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/14 16:13
6M36969.	AC42118-007(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/14 16:30
6M36970.	AC42118-009(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/14 16:46
6M36971.	AC42118-011(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/14 17:02
6M36972.	AC42049-008(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/14 17:18
6M36973.	AC42071-002(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/14 17:34
6M36974.	AC42118-005(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/14 17:50
6M36975.	EF-1-V-58362(011409)		OK	DB		Aqueous	1	1140	8260	01/14 18:06
6M36976.	AC42116-002(T:MS)		OK MBS10964	DB	VOTCLP-826	Aqueous	1	1	624 8260	01/14 18:22
6M36977.	AC42116-002(T:MSD)		OK MBS10964	DB	VOTCLP-826	Aqueous	1	1	624 8260	01/14 18:38
6M36978.	AC42121-001		RR-5g	DB	VO10-8260	Methano	1	1	8260	01/14 18:54
6M36979.	AC42121-002		RR-5g	DB	VO10-8260	Methano	1	1	8260	01/14 19:10
6M36980.	AC42121-003		RR-5g - DIRTY	DB	VO10-8260	Methano	1	1	8260	01/14 19:26
6M36981.	AC42121-004		RR-5g	DB	VO10-8260	Methano	1	1	8260	01/14 19:42
6M36982.	AC42121-005		RR-5g	DB	VO10-8260	Methano	1	1	8260	01/14 19:57
6M36983.	AC42121-006		RR-5g	DB	VO10-8260	Methano	1	1	8260	01/14 20:13
6M36984.	AC42123-001		RR-5g	DB	VO10-8260	Methano	1	1	8260	01/14 20:29
6M36985.	AC42123-004		RR-5g	DB	VO10-8260	Methano	1	1	8260	01/14 20:45
6M36986.	AC42156-001		OK	DB	VO10-624	Aqueous	1	1	624	01/14 21:01
6M36987.	AC42156-002		OK	DB	VO10-624	Aqueous	1	1	624	01/14 21:17
6M36988.	AC42140-003		OK	DB	VO10-624	Aqueous	1	1	624	01/14 21:33
6M36989.	AC42140-002		OK	DB	VO10-624	Aqueous	1	1	624	01/14 21:48
6M36990.	AC42140-001		OK	DB	VO10-624	Aqueous	1	1	624	01/14 22:04
6M36991.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	01/14 22:20
6M36992.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	01/14 22:36
6M36993.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	01/14 22:52
6M36994.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	01/14 23:08
6M36995.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	01/14 23:23

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Trip/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Trip Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1n,D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates.mdb	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6M36997

Instrument: GCMS_6 Year: 2000293
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6M36997.	BFB TUNE		OK,V-57566,V-59085,V-56379,V-58319	DB						01/15 06:50
6M36998.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	01/15 07:21
6M36999.	BLK		-	DB		Aqueous	1	1	624 8260	01/15 07:42
6M37000.	DAILY BLANK		OK	DB		Methano	1	1	8260	01/15 07:58
6M37001.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	01/15 08:14
6M37002.	MBS10969		OK MBS10969	DB		Methano	1	1	8260	01/15 08:30
6M37003.	MBS10970		OK MBS10970	DB		Aqueous	1	1	624 8260	01/15 08:46
6M37004.	BLK		-	DB		Aqueous	1	1	624 8260	01/15 09:02
6M37005.	AC42139-007		OK	DB	VO15-624	Aqueous	1	1	624	01/15 09:18
6M37006.	AC42139-013		OK	DB	VO-8260	Aqueous	1	1	8260	01/15 09:34
6M37007.	AC42139-012		OK	DB	VO-8260	Aqueous	1	1	8260	01/15 09:50
6M37008.	AC42139-011		OK	DB	VO-8260	Aqueous	1	1	8260	01/15 10:06
6M37009.	AC42139-010		OK	DB	VO-8260	Aqueous	1	1	8260	01/15 10:21
6M37010.	AC42139-009		OK	DB	VO-8260	Aqueous	1	1	8260	01/15 10:37
6M37011.	AC42139-008		OK	DB	VO-8260	Aqueous	1	1	8260	01/15 10:53
6M37012.	AC42144-009		OK	DB	VO10-8260	Aqueous	1	1	8260	01/15 11:09
6M37013.	AC42144-011		OK	DB	VO10-8260	Aqueous	1	1	8260	01/15 11:25
6M37014.	BLK		-	DB		Aqueous	1	1	624 8260	01/15 11:42
6M37015.	AC42144-013		OK	DB	VO10-8260	Aqueous	1	1	8260	01/15 11:58
6M37016.	AC42144-014		OK	DB	VO10-8260	Aqueous	1	1	8260	01/15 12:14
6M37017.	AC42144-020		OK	DB	VO10-8260	Aqueous	1	1	8260	01/15 12:30
6M37018.	AC42157-015		OK	DB	VO10-8260	Aqueous	1	1	8260	01/15 12:46
6M37019.	AC42157-016		OK	DB	VO10-8260	Aqueous	1	1	8260	01/15 13:02
6M37020.	AC42169-007		OK	DB	VO-8260	Aqueous	1	1	8260	01/15 13:19
6M37021.	AC42169-008		OK	DB	VO-8260	Aqueous	1	1	8260	01/15 13:35
6M37022.	AC42126-001		OK	DB	VO10-624	Aqueous	1	1	624	01/15 13:51
6M37023.	AC42071-001(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/15 14:07
6M37024.	AC42143-001(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/15 14:23
6M37025.	EF-1-V-58362(011509)		OK	DB		Aqueous	1	1150	8260	01/15 14:39
6M37026.	AC42161-001	Oc	RR-80uL	DB	VO-8260	Methano	1	1	8260	01/15 14:57
6M37027.	AC42161-003	Oc	RR-80uL	DB	VO-8260	Methano	1	1	8260	01/15 15:13
6M37028.	AC42161-005	S8Oc	RR-80uL	DB	VO-8260	Methano	1	1	8260	01/15 15:29
6M37029.	AC42161-007	Oc	RR-80uL	DB	VO-8260	Methano	1	1	8260	01/15 15:45
6M37030.	BLK		-	DB		Aqueous	1	1	624 8260	01/15 16:01
6M37031.	AC42094-006(MS)		OK MBS10970	DB	VO-8260	Aqueous	1	1	624 8260	01/15 16:20
6M37032.	AC42094-006(MSD)		OK MBS10970	DB	VO-8260	Aqueous	1	1	624 8260	01/15 16:36
6M37033.	BLK		-	DB		Aqueous	1	1	624 8260	01/15 16:52
6M37034.	BLK		-	DB		Aqueous	1	1	624 8260	01/15 17:08
6M37035.	BLK		OK	DB		Aqueous	1	1	624 8260	01/15 17:23
6M37036.	MBS10980		OK MBS10980	DB		Aqueous	1	1	624 8260	01/15 17:39
6M37037.	AC42164-007(100X)		RR-5X	DB	VO10-624	Aqueous	1	100	624	01/15 17:58
6M37038.	AC42104-001(MS)		OK MBS10980	DB	VOBTEX-624	Aqueous	1	1	624 8260	01/15 18:15
6M37039.	AC42104-001(MSD)		OK MBS10980	DB	VOBTEX-624	Aqueous	1	1	624 8260	01/15 18:31
6M37040.	BLK		-	DB		Aqueous	1	1	624 8260	01/15 18:47
6M37041.	AC42164-009		OK	DB	VO10-624	Aqueous	1	1	624	01/15 19:03
6M37042.	AC42164-010		OK	DB	VO10-624	Aqueous	1	1	624	01/15 19:19
6M37043.	AC42158-005		OK	DB	VO10-624	Aqueous	1	1	624	01/15 19:35
6M37044.	AC42158-006		OK	DB	VO10-624	Aqueous	1	1	624	01/15 19:51
6M37045.	AC42145-001		OK	DB	VO10-624	Aqueous	1	1	624	01/15 20:06
6M37046.	AC42158-001		OK	DB	VO10-624	Aqueous	1	1	624	01/15 20:22
6M37047.	AC42158-002		OK	DB	VO10-624	Aqueous	1	1	624	01/15 20:38
6M37048.	AC42158-003	Oc	RR-200X	DB	VO10-624	Aqueous	1	1	624	01/15 20:54
6M37049.	AC42158-004		RR-1X - CO	DB	VO10-624	Aqueous	1	1	624	01/15 21:09
6M37050.	AC42158-007		RR-1X - CO	DB	VO10-624	Aqueous	1	1	624	01/15 21:25
6M37051.	AC42164-005		RR-1X - CO	DB	VO10-624	Aqueous	1	1	624	01/15 21:42
6M37052.	MBS10981	Ti8	OK MBS10981	DB		Aqueous	1	1	624 8260	01/15 21:57
6M37053.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	01/15 22:13
6M37054.	AC42149-002		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/15 22:29
6M37055.	AC42149-004		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/15 22:45
6M37056.	AC42149-005		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/15 23:01
6M37057.	AC42149-006		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/15 23:16
6M37058.	AC42149-001(10X)		RR-1X	DB	VOBTEX-624	Aqueous	1	10	624	01/15 23:35
6M37059.	AC42149-007(10X)		RR-5X - DIRTY	DB	VO10-624	Aqueous	1	10	624	01/15 23:56
6M37060.	AC42149-008(10X)		RR-1X	DB	VOBTEX-624	Aqueous	1	10	624	01/16 00:16
6M37061.	AC42149-003(20X)		OK	DB	VO10-624	Aqueous	1	20	624	01/16 00:37
6M37062.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	01/16 00:54

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	Problem Checking Pren/rundates modcheckprerunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M58229.	BFB TUNE		OK,V-57566,V-59085,V-56379,V-58319	DB						01/15 07:05
3M58230.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	01/15 07:39
3M58231.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	01/15 08:00
3M58232.	DAILY BLANK		OK	DB		Methano	1	1	8260	01/15 08:17
3M58233.	AC42119-001		OK	DB	VO-8260	Aqueous	1	1	8260	01/15 08:35
3M58234.	MBS10971		OK MBS10971	DB		Aqueous	1	1	624 8260	01/15 08:52
3M58235.	MBS10972		OK MBS10972	DB		Methano	1	1	8260	01/15 09:09
3M58236.	BLK		-	DB		Aqueous	1	1	624 8260	01/15 09:26
3M58237.	AC42033-001(MS)	M16	OK MBS10971	DB	VO10-624	Aqueous	1	1	624 8260	01/15 09:43
3M58238.	AC42033-001(MSD)	M16	OK MBS10971	DB	VO10-624	Aqueous	1	1	624 8260	01/15 10:00
3M58239.	AC42124-001		OK	DB	VO-624	Aqueous	1	1	624	01/15 10:17
3M58240.	AC42148-001		OK	DB	VO10-8260	Aqueous	1	1	8260	01/15 10:34
3M58241.	AC42148-002		RR-1X - TIC CO	DB	VO10-8260	Aqueous	1	1	8260	01/15 10:51
3M58242.	AC42148-004		OK	DB	VO10-8260	Aqueous	1	1	8260	01/15 11:08
3M58243.	AC42148-007	Oc	RR-20X	DB	VO10-8260	Aqueous	1	1	8260	01/15 11:25
3M58244.	AC42148-009	Oc	RR-10X	DB	VO10-8260	Aqueous	1	1	8260	01/15 11:42
3M58245.	AC42148-010		RR-1X - CO	DB	VO10-8260	Aqueous	1	1	8260	01/15 11:59
3M58246.	AC42148-011		OK	DB	VO10-8260	Aqueous	1	1	8260	01/15 12:17
3M58247.	AC42148-012		RR-1X - CO	DB	VO10-8260	Aqueous	1	1	8260	01/15 12:34
3M58248.	BLKHCL		-	DB		Aqueous	1	1	624 8260	01/15 12:51
3M58249.	AC42161-004(100X)		OK	DB	VO-624	Aqueous	1	100	624	01/15 13:11
3M58250.	AC42161-002(100X)		OK	DB	VO-624	Aqueous	1	100	624	01/15 13:32
3M58251.	AC42161-006(100X)		OK	DB	VO-624	Aqueous	1	100	624	01/15 13:54
3M58252.	AC42161-008(100X)		OK	DB	VO-624	Aqueous	1	100	624	01/15 14:17
3M58253.	BLK		-	DB		Aqueous	1	1	624 8260	01/15 14:36
3M58254.	AC42148-008(10X)		OK	DB	VO10-8260	Aqueous	1	10	8260	01/15 14:56
3M58255.	AC42148-005(10X)		OK	DB	VO10-8260	Aqueous	1	10	8260	01/15 15:18
3M58256.	AC42148-003(10X)		OK	DB	VO10-8260	Aqueous	1	10	8260	01/15 15:40
3M58257.	AC42148-006(10X)		OK	DB	VO10-8260	Aqueous	1	10	8260	01/15 16:04
3M58258.	BLK		-	DB		Aqueous	1	1	624 8260	01/15 16:24
3M58259.	AC42169-003		OK	DB	VO-8260	Aqueous	1	1	8260	01/15 16:42
3M58260.	AC42132-001		OK	DB	VO10-624	Aqueous	1	1	624	01/15 16:59
3M58261.	AC42132-002		OK	DB	VO10-624	Aqueous	1	1	624	01/15 17:17
3M58262.	AC42146-001		OK	DB	VO10-624	Aqueous	1	1	624	01/15 17:34
3M58263.	AC42050-001		OK	DB	VO10-624	Aqueous	1	1	624	01/15 17:51
3M58264.	MBS10978		OK MBS10978	DB		Aqueous	1	1	624 8260	01/15 18:08
3M58265.	AC42101-003(MS)		OK MBS10978	DB	VO10-624	Aqueous	1	1	624 8260	01/15 18:25
3M58266.	AC42101-003(MSD)		OK MBS10978	DB	VO10-624	Aqueous	1	1	624 8260	01/15 18:44
3M58267.	MBS10979		OK MBS10979	DB		Aqueous	1	1	624 8260	01/15 19:01
3M58268.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	01/15 19:19
3M58269.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	01/15 19:37

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series mission	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evoc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calnit csv for init calibration chek ifs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Preo/rundates modcheckoreprunds	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

1-1-1M40593

RUN LOG

Instrument: GCMS_1 Year: 2002295
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M40593.	BFB TUNE		OK,V-57566,V-59086,V-56379,V-58319	DB						01/15 06:51
1M40594.	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624 8260	01/15 07:25
1M40595.	BLK	S8	-	DB		Soil	1	1	8260	01/15 07:46
1M40596.	DAILY BLANK		OK	DB		Soil	1	1	8260	01/15 08:03
1M40597.	MBS10968		OK MBS10968	DB		Soil	1	1	8260	01/15 08:27
1M40598.	BLK	S8	-	DB		Soil	1	1	8260	01/15 08:44
1M40599.	BLKTEST		-	DB		Soil	1	1	8260	01/15 09:01
1M40600.	AC42156-003	S8	RR-5q,RR-5q,REPORT	DB	VO10-8260	Soil	1	1	8260	01/15 09:18
1M40601.	AC42156-004	S8	RR-5q,RR-5q,REPORT	DB	VO10-8260	Soil	1	1	8260	01/15 09:35
1M40602.	BLKPREP	S8	-	DB		Soil	1	1	8260	01/15 09:52
1M40603.	AC42118-001	S8	RR-5q	DB	VOTAGM-826	Soil	1	1	8260	01/15 10:09
1M40604.	BLK	S8Ao	-	DB		Soil	1	1	8260	01/15 10:26
1M40605.	BLK		-	DB		Soil	1	1	8260	01/15 10:43
1M40606.	AC42118-003		OK	DB	VOTAGM-826	Soil	1	1	8260	01/15 11:00
1M40607.	BLK		-	DB		Soil	1	1	8260	01/15 11:17
1M40608.	AC42118-005		OK	DB	VOTAGM-826	Soil	1	1	8260	01/15 11:34
1M40609.	AC42118-007		OK	DB	VOTAGM-826	Soil	1	1	8260	01/15 11:51
1M40610.	AC42118-009		OK	DB	VOTAGM-826	Soil	1	1	8260	01/15 12:11
1M40611.	AC42118-011		OK	DB	VOTAGM-826	Soil	1	1	8260	01/15 12:28
1M40612.	AC42118-001		OK	DB	VOTAGM-826	Soil	1	1	8260	01/15 12:45
1M40613.	BLK		-	DB		Soil	1	1	8260	01/15 13:02
1M40614.	AC42121-001		OK	DB	VO10-8260	Soil	1	1	8260	01/15 13:19
1M40615.	AC42121-002		OK	DB	VO10-8260	Soil	1	1	8260	01/15 13:36
1M40616.	AC42121-004		OK	DB	VO10-8260	Soil	1	1	8260	01/15 13:53
1M40617.	AC42121-005		OK	DB	VO10-8260	Soil	1	1	8260	01/15 14:09
1M40618.	AC42121-006		OK	DB	VO10-8260	Soil	1	1	8260	01/15 14:26
1M40619.	AC42123-001		OK	DB	VO10-8260	Soil	1	1	8260	01/15 14:43
1M40620.	AC42123-004		OK	DB	VO10-8260	Soil	1	1	8260	01/15 15:00
1M40621.	AC42121-003		OK	DB	VO10-8260	Soil	1	1	8260	01/15 15:17

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclo/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclo Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rls	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	Ao Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepround	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-1M40622

Instrument: GCMS_1 Year: 2007 0296
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil		Method(s)	Analysis Date
1M40622.	BFB TUNE		OK,V-57566,V-59154,V-56379,V-58319	DB							01/15 15:29
1M40623.	50 PPB	CnAnc	-	DB		Soil	1	1		8260	01/15 15:40
1M40624.	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624	8260	01/15 16:08
1M40625.	BLK		-	DB		Soil	1	1		8260	01/15 16:29
1M40626.	BLK		-	DB		Soil	1	1		8260	01/15 16:46
1M40627.	BLK		-	DB		Soil	1	1		8260	01/15 17:03
1M40628.	DAILY BLANK		OK	DB		Soil	1	1		8260	01/15 17:20
1M40629.	MBS10974		OK MBS10974	DB		Soil	1	1		8260	01/15 17:37
1M40630.	MBS10975		OK MBS10975	DB		Soil	1	1		8260	01/15 17:54
1M40631.	BLK		-	DB		Soil	1	1		8260	01/15 18:11
1M40632.	BLK		-	DB		Soil	1	1		8260	01/15 18:28
1M40633.	AC42144-001		OK	DB	VO10-8260	Soil	1	1		8260	01/15 18:45
1M40634.	AC42144-002		OK	DB	VO10-8260	Soil	1	1		8260	01/15 19:02
1M40635.	AC42144-003		OK	DB	VO10-8260	Soil	1	1		8260	01/15 19:19
1M40636.	AC42144-004		OK	DB	VO10-8260	Soil	1	1		8260	01/15 19:36
1M40637.	AC42144-007		OK	DB	VO10-8260	Soil	1	1		8260	01/15 19:53
1M40638.	AC42144-008		OK	DB	VO10-8260	Soil	1	1		8260	01/15 20:10
1M40639.	AC42144-018		OK	DB	VO10-8260	Soil	1	1		8260	01/15 20:27
1M40640.	AC42144-019		OK	DB	VO10-8260	Soil	1	1		8260	01/15 20:44
1M40641.	AC42183-001		OK	DB	VO10-8260	Soil	1	1		8260	01/15 21:01
1M40642.	AC42183-003		OK	DB	VO10-8260	Soil	1	1		8260	01/15 21:18
1M40643.	AC42183-005		OK	DB	VO10-8260	Soil	1	1		8260	01/15 21:35
1M40644.	AC42183-007		OK	DB	VO10-8260	Soil	1	1		8260	01/15 21:52
1M40645.	AC42183-009		OK	DB	VO10-8260	Soil	1	1		8260	01/15 22:09
1M40646.	AC42183-011		OK	DB	VO10-8260	Soil	1	1		8260	01/15 22:26
1M40647.	AC42183-013		OK	DB	VO10-8260	Soil	1	1		8260	01/15 22:43
1M40648.	AC41930-009	Ho	OK,activated out of hold	DB	VO-8260	Soil	1	1		8260	01/15 22:59
1M40649.	AC42169-001		OK	DB	VO-8260	Soil	1	1		8260	01/15 23:16
1M40650.	AC42169-005		OK	DB	VO-8260	Soil	1	1		8260	01/15 23:33
1M40651.	AC42152-002	S8	RR-5g	DB	VO10-8260	Soil	1	1		8260	01/15 23:50
1M40652.	MBS10976	S8	- MBS10976	DB		Soil	1	1		8260	01/16 00:07
1M40653.	MBS10977		OK MBS10977	DB		Soil	1	1		8260	01/16 00:24
1M40654.	BLK		-	DB		Soil	1	1		8260	01/16 00:41
1M40655.	BLK		-	DB		Soil	1	1		8260	01/16 00:58
1M40656.	BLK		-	DB		Soil	1	1		8260	01/16 01:15
1M40657.	BLK		-	DB		Soil	1	1		8260	01/16 01:32
1M40658.	BLK		-	DB		Soil	1	1		8260	01/16 01:49
1M40659.	BLKCLO(LAB)					Soil	1	1		8260	01/16 02:06
1M40660.	BLKOP(LAB)					Soil	1	1		8260	01/16 02:23
1M40661.	BLKCLO(11509)					Soil	1	1150		8260	01/16 02:39
1M40662.	BLKOP(11509)					Soil	1	1150		8260	01/16 02:56
1M40663.	BLKCLO(11409)					Soil	1	1140		8260	01/16 03:13
1M40664.	BLKOP(11409)	Ti8				Soil	1	1140		8260	01/16 03:30
1M40665.	BLKTEST(1/9)	Ti8				Soil	1	1		8260	01/16 03:47
1M40666.	BLKTEST(1/9)TAPE	Ti8				Soil	1	1		8260	01/16 04:04
1M40667.	BLKTEST(1/9)TAPE	Ti8				Soil	1	1		8260	01/16 04:21
1M40668.	BLK	Ti8				Soil	1	1		8260	01/16 04:37

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepround	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

1-1-1M40759

RUN LOG

Instrument: GCMS_1 Year: 2009 00297
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M40759	BFB TUNE		OK,V-57566,V-59249,V-56379,V-58319	DB						01/19 09:33
1M40760	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624 8260	01/19 09:43
1M40761	BLK		-	DB		Soil	1	1	8260	01/19 10:08
1M40762	BLK		-	DB		Soil	1	1	8260	01/19 10:25
1M40763	BLK		-	DB		Soil	1	1	8260	01/19 10:42
1M40764	DAILY BLANK		OK	DB		Soil	1	1	8260	01/19 10:59
1M40765	MBS10995	S8	- MBS10995	DB		Soil	1	1	8260	01/19 11:20
1M40766	MBS10999		OK MBS10999	DB		Soil	1	1	8260	01/19 11:56
1M40767	BLK		-	DB		Soil	1	1	8260	01/19 12:13
1M40768	AC42235-002	Ao	OK	DB	VO15-8260	Soil	1	1	8260	01/19 12:30
1M40769	AC42235-006	S8Ao	USE 1ST RUN	DB	VO15-8260	Soil	1	1	8260	01/19 12:47
1M40770	AC42235-004		OK	DB	VO15-8260	Soil	1	1	8260	01/19 13:04
1M40771	BLK		-	DB		Soil	1	1	8260	01/19 13:21
1M40772	AC42076-003		OK	DB	VO10-8260	Soil	1	1	8260	01/19 13:38
1M40773	AC42178-002		OK	WP	VO10-8260	Soil	1	1	8260	01/19 13:55
1M40774	AC42203-004		OK	WP	VO-8260	Soil	1	1	8260	01/19 14:12
1M40775	AC42203-005		OK	WP	VO-8260	Soil	1	1	8260	01/19 14:29
1M40776	AC42203-006		OK	WP	VO-8260	Soil	1	1	8260	01/19 14:46
1M40777	AC42203-002		OK	WP	VO-8260	Soil	1	1	8260	01/19 15:03
1M40778	AC42194-001		OK	WP	VO-8260	Soil	1	1	8260	01/19 15:20
1M40779	AC42176-001	S8Ao	2ND RUN	WP	VO15-8260	Soil	1	1	8260	01/19 15:37
1M40780	AC42176-002	S8Ao	2ND RUN	WP	VO15-8260	Soil	1	1	8260	01/19 15:54
1M40781	AC42176-003	S8Ao	2ND RUN	WP	VO15-8260	Soil	1	1	8260	01/19 16:11
1M40782	BLK		-	WP		Soil	1	1	8260	01/19 16:28
1M40783	AC42180-002	S8Ao	RR-5G	WP	VO-8260	Soil	1	1	8260	01/19 16:45
1M40784	AC42191-001(5X)	S8Ao	RR-1G,DIRTY	WP	VO10-8260	Soil	1	5	8260	01/19 17:02
1M40785	AC42203-007		OK	WP	VO-8260	Soil	1	1	8260	01/19 17:19
1M40786	AC42203-008		OK	WP	VO-8260	Soil	1	1	8260	01/19 17:36
1M40787	AC42203-010		OK	WP	VO-8260	Soil	1	1	8260	01/19 17:53
1M40788	AC42204-001		OK	WP	VO10-8260	Soil	1	1	8260	01/19 18:10
1M40789	AC42236-001		OK	WP	VO10-8260	Soil	1	1	8260	01/19 18:27
1M40790	AC42144-019(MS)		OK MBS10999	WP	VO10-8260	Soil	1	1	8260	01/19 18:43
1M40791	AC42144-019(MSD)		OK MBS10999	WP	VO10-8260	Soil	1	1	8260	01/19 19:00
1M40792	BLK		-	WP		Soil	1	1	8260	01/19 19:17
1M40793	BLK		OK	WP		Soil	1	1	8260	01/19 19:34
1M40794	MBS11004		OK MBS11004	WP		Soil	1	1	8260	01/19 19:51
1M40795	BLK		-	WP		Soil	1	1	8260	01/19 20:08
1M40796	AC42180-004		OK	WP	VO-8260	Soil	1	1	8260	01/19 20:25
1M40797	AC42180-003		OK	WP	VO-8260	Soil	1	1	8260	01/19 20:42
1M40798	MBS11005		OK MBS11005	WP		Soil	1	1	8260	01/19 20:59
1M40799	AC42183-007(MS)		OK MBS11005	WP	VO10-8260	Soil	1	1	8260	01/19 21:16
1M40800	AC42183-007(MSD)		OK MBS11005	WP	VO10-8260	Soil	1	1	8260	01/19 21:32
1M40801	BLK	Ti8	-	WP		Soil	1	1	8260	01/19 21:49
1M40802	BLK	Ti8	-	WP		Soil	1	1	8260	01/19 22:06
1M40803	BLK	Ti8	-	WP		Soil	1	1	8260	01/19 22:23
1M40804	BLK	Ti8	-	WP		Soil	1	1	8260	01/19 22:40
1M40805	BLK	Ti8	-	WP		Soil	1	1	8260	01/19 22:57
1M40806	BLK	Ti8	-	WP		Soil	1	1	8260	01/19 23:14
1M40807	BLK	Ti8	-	WP		Soil	1	1	8260	01/19 23:31
1M40808	BLK	Ti8	-	WP		Soil	1	1	8260	01/19 23:47
1M40809	BLK	Ti8	-	WP		Soil	1	1	8260	01/20 00:04
1M40810	BLKTEST	Ti8	-	WP		Soil	1	1	8260	01/20 00:21
1M40811	BLKrandom vial(1/12)p	Ti8	-	WP		Soil	1	1	8260	01/20 00:38
1M40812	BLKprep(1/12)preproo	Ti8	-	WP		Soil	1	1	8260	01/20 00:55
1M40813	BLKnotape(1/12)prepro	Ti8	-	WP		Soil	1	1	8260	01/20 01:13
1M40814	BLKoutsidetape(1/12)p	Ti8	-	WP		Soil	1	1	8260	01/20 01:29
1M40815	BLKinside tape(1/12)pr	Ti8	-	WP		Soil	1	1	8260	01/20 01:46
1M40816	BLKclo(011909)	Ti8	-	WP		Soil	1	1190	8260	01/20 02:03

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Mission/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tolo/Solvent Extraction Date Mission/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tolo Extraction Performed Outside of Hold	Evrc	Eval Mix mission ddl or eodrio
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	*Drift Not Checked*	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	*Spike Out Col 1 and or Col 2 8000 series*	Ti6	Outside of 600 series Tune time/Cal Time
Ena	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	*Outside of* 8000 series Tune time/Cal Time
Emn	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration.	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-51813

Prepared By: Revolus, Jean
Description: CYCLOHEXANONE
Prep Date: 9/12/2008
Expiration Date: 9/12/2009
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2726	CYCLOHEXANONE	50 mg	NEAT	10000 ppm
3593	Methanol	5 ml	neat neat	

Veritech Lot Number: V-54401

Prepared By: Revolus, Jean
Description: VOA STOCK INT/SURR MIX
Prep Date: 10/22/2008
Expiration Date: 10/22/2009
Department: Organics
BatchNumber:
Concentration: 1500 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3178	1,2-Dichloroethane-d4	150 mg	NEAT	1500 ppm
1297	TOLUENE-D8	150 mg	NEAT	1500 ppm
1295	CHLOROBENZENE-D5	150 mg	NEAT	1500 ppm
777	1-bromo-4-fluorobenzenne	150 mg	neat	1500 ppm
3661	Fluorobenzene	150 mg	NEAT	1500 ppm
3232	Methanol	100 ml	neat neat	
2615	1,4-Dichlorobenzene-d4	150 mg	neat neat	1500 ppm
3693	Dibromofluoromethane	150 mg	NEAT	1500 ppm

Veritech Lot Number: V-56379

Prepared By: Previlon, Wilner
Description: VOA WORKING INT/SURR MIX
Prep Date: 11/24/2008
Expiration Date: 10/22/2009
Department: Organics
BatchNumber:
Concentration: 150 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1912	METHANOL	225 ml	NEAT	
V-54401	VOA STOCK INT/SURR MIX	25 ml	1500 ppm	150 ppm

Veritech Lot Number: V-57463

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 12/15/2008
Expiration Date: 1/26/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3366	8260 CAL MIX 2	50 ul	2000 ppm	100 ppm
3473	502/524 VOA CAL MIX	50 ul	2000 ppm	100 ppm
3676	VOA COMP MIX#6(GASES)	50 ul	2000 ppm	100 ppm
1308	METHANOL	800 ul	NEAT	neat neat
3443	Custom VOC Standard	50 ul	Various	100 ppm

Veritech Lot Number: V-57566

Prepared By: Previlon, Wilner
Description: BFB Tune Mix
Prep Date: 12/17/2008
Expiration Date: 10/17/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1.5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-56379	VOA WORKING INT/SURR MIX	500 ul	150 ppm	50 ppm
1230	METHANOL	1000 ul	NEAT	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-57711

Prepared By: Batelli, Daniel
Description: VOA ADD MIX
Prep Date: 12/1/2008
Expiration Date: 12/1/2009
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2770	METHANOL	5 ml	neat neat	
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm

Veritech Lot Number: V-57712

Prepared By: Batelli, Daniel
Description: VOA ADD MIX(2nd SOURCE)
Prep Date: 12/1/2008
Expiration Date: 12/1/2009
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2770	METHANOL	5 ml	neat neat	
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm

Veritech Lot Number: V-57714

Prepared By: Batelli, Daniel
Description: 200ppm VOA Working Std
Prep Date: 12/19/2008
Expiration Date: 1/9/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3482	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	
3442	Custom VOC Mix	100 ul	Various	various ppm
3665	8260 Additions Mix	100 ul	2000 ppm	various ppm
3712	VOA GASES COMP MIX	100 ul	2000 ppm	200 ppm
3749	tert-Amyl methyl ether	100 ul	2000 ppm	200 ppm
V-57711	VOA ADD MIX	40 ul	5000 ppm	200 ppm
V-51813	CYCLOHEXANONE	100 ul	10000 ppm	1000 ppm

Veritech Lot Number: V-57715

Prepared By: Batelli, Daniel
Description: MBS
Prep Date: 12/19/2008
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3474	8260 ADD MIX	50 ul	2000 ppm	100 ppm
3367	502/524 VOA CAL MIX(2nd Source)	50 ul	2000 ppm	100 ppm
3676	VOA COMP MIX#6(GASES)	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
3443	Custom VOC Standard	50 ul	Various	100 ppm
3607	Cyclohexanone	50 ul	1008 ug/ml	500 ppm
V-57712	VOA ADD MIX(2nd SOURCE)	20 ul	5000 ppm	100 ppm
3115	TERT-AMYL METHYL ETHER	50 ul	2000 ppm	100 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-57756

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 250 PPB
Prep Date: 12/19/2008
Expiration Date: 12/26/2008
Department: Organics
BatchNumber: B-4866
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57714	200ppm VOA Working Std	125 ul	VARIOUS pp	250 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	125 ul	200 ppm	250 ppb

Veritech Lot Number: V-57757

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 100 PPB
Prep Date: 12/19/2008
Expiration Date: 12/26/2008
Department: Organics
BatchNumber: B-4866
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57714	200ppm VOA Working Std	50 ul	VARIOUS pp	100 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	50 ul	200 ppm	100 ppb

Veritech Lot Number: V-57758

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 50 PPB
Prep Date: 12/19/2008
Expiration Date: 12/26/2008
Department: Organics
BatchNumber: B-4866
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57714	200ppm VOA Working Std	25 ul	VARIOUS pp	50 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	25 ul	200 ppm	50 ppb

Veritech Lot Number: V-57759

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 20 PPB
Prep Date: 12/19/2008
Expiration Date: 12/26/2008
Department: Organics
BatchNumber: B-4866
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57714	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Lot Number: V-57760

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 10 PPB
Prep Date: 12/19/2008
Expiration Date: 12/26/2008
Department: Organics
BatchNumber: B-4866
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57714	200ppm VOA Working Std	5 ul	VARIOUS pp	10 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	5 ul	200 ppm	10 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-57761

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 5 PPB
Prep Date: 12/19/2008
Expiration Date: 12/26/2008
Department: Organics
BatchNumber: B-4866
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57714	200ppm VOA Working Std	2.5 ul	VARIOUS pp	5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	2.5 ul	200 ppm	5 ppb

Veritech Lot Number: V-57762

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 1 PPB
Prep Date: 12/19/2008
Expiration Date: 12/26/2008
Department: Organics
BatchNumber: B-4866
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57714	200ppm VOA Working Std	.5 ul	VARIOUS pp	1 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.5 ul	200 ppm	1

Veritech Lot Number: V-57763

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 0.5 PPB
Prep Date: 12/19/2008
Expiration Date: 12/26/2008
Department: Organics
BatchNumber: B-4866
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57714	200ppm VOA Working Std	.25 ul	VARIOUS pp	0.5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.25 ul	200 ppm	0.5

Veritech Lot Number: V-57764

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 500 PPB
Prep Date: 12/19/2008
Expiration Date: 12/26/2008
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57714	200ppm VOA Working Std	250 ul	VARIOUS pp	500 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	250	200 ppm	500

Veritech Lot Number: V-57765

Prepared By: Previlon, Wilner
Description: ICV CAL @ 20 PPB
Prep Date: 12/19/2008
Expiration Date: 12/26/2008
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57715	MBS	20 ul	100 ppm	20
1398	p&t water	100 ml	neat neat	neat
3664	Chlorodifluoromethane (Freon#22)	10	200 ppm	20

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58311

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 1/5/2009
Expiration Date: 1/9/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3482	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	
3442	Custom VOC Mix	100 ul	Various	various ppm
3665	8260 Additions Mix	100 ul	2000 ppm	various ppm
3712	VOA GASES COMP MIX	100 ul	2000 ppm	200 ppm
3749	tert-Amyl methyl ether	100 ul	2000 ppm	200 ppm
V-57711	VOA ADD MIX	40 ul	5000 ppm	200 ppm
V-51813	CYCLOHEXANONE	100 ul	10000 ppm	1000 ppm

Veritech Lot Number: V-58319

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 1/5/2009
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3474	8260 ADD MIX	50 ul	2000 ppm	100 ppm
3367	502/524 VOA CAL MIX(2nd Source)	50 ul	2000 ppm	100 ppm
3676	VOA COMP MIX#6(GASES)	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
3443	Custom VOC Standard	50 ul	Various	100 ppm
3607	Cyclohexanone	50 ul	1008 ug/ml	500 ppm
V-57712	VOA ADD MIX(2nd SOURCE)	20 ul	5000 ppm	100 ppm
3115	TERT-AMYL METHYL ETHER	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-58440

Prepared By: Previlon, Wilner
Description: CAL @ 20 PPB
Prep Date: 1/7/2009
Expiration Date: 1/9/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58311	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Lot Number: V-58720

Prepared By: Batelli, Daniel
Description: 200ppm VOA Working Std
Prep Date: 1/12/2009
Expiration Date: 3/13/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3809	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	600 ul	NEAT neat	
3832	CUSTOM VOC MIX	100 ul	VARIOUS	various ppm
3831	8260 ADDITIONS	100 ul	2000 ppm	various ppm
3808	gases(VOA MIX # 6)	100 ul	2000 ppm	200 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58791

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 1/13/2009
Expiration Date: 3/13/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3809	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	
3832	CUSTOM VOC MIX	100 ul	VARIOUS	various ppm
3831	8260 ADDITIONS	100 ul	2000 ppm	various ppm
3808	gases(VOA MIX # 6)	100 ul	2000 ppm	200 ppm
3749	tert-Amyl methyl ether	100 ul	2000 ppm	200 ppm
V-57711	VOA ADD MIX	40 ul	5000 ppm	200 ppm
V-51813	CYCLOHEXANONE	100 ul	10000 ppm	1000 ppm

Veritech Lot Number: V-58901

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 250 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	125 ul	VARIOUS pp	250 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	125 ul	200 ppm	250 ppb

Veritech Lot Number: V-58902

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 100 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	50 ul	VARIOUS pp	100 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	50 ul	200 ppm	100 ppb

Veritech Lot Number: V-58903

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 50 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	25 ul	VARIOUS pp	50 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	25 ul	200 ppm	50 ppb

Veritech Lot Number: V-58904

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 20 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58905

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 10 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	5 ul	VARIOUS pp	10 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	5 ul	200 ppm	10 ppb

Veritech Lot Number: V-58906

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 5 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	2.5 ul	VARIOUS pp	5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	2.5 ul	200 ppm	5 ppb

Veritech Lot Number: V-58907

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 1 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	.5 ul	VARIOUS pp	1 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.5 ul	200 ppm	1

Veritech Lot Number: V-58908

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 0.5 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	.25 ul	VARIOUS pp	0.5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.25 ul	200 ppm	0.5

Veritech Lot Number: V-58909

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 500 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	250 ul	VARIOUS pp	500 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	250 ul	200 ppm	500 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58910

Prepared By: Previlon, Wilner
Description: ICV CAL @ 20 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57715	MBS	20 ul	100 ppm	20
1398	p&t water	100 ml	neat neat	neat
3664	Chlorodifluoromethane (Freon#22)	10	200 ppm	20

Veritech Lot Number: V-58911

Prepared By: Previlon, Wilner
Description: Soil8260CAL @ 500 PPB
Prep Date: 1/13/2009
Expiration Date: 1/14/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 40 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3808	gases(VOA MIX # 6)	10 ul	2000 ppm	500 ppb
1398	p&t water	40 ml	neat neat	neat
3831	8260 ADDITIONS	10 ul	2000 ppm	500 ppb
3809	502/524 VOA CAL MIX	10 ul	2000 ppm	500 ppb
3832	CUSTOM VOC MIX	10 ul	VARIOUS	500 ppb
3664	Chlorodifluoromethane (Freon#22)	100 ul	200 ppm	500 ppb

Veritech Lot Number: V-58922

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 250 PPB
Prep Date: 1/13/2009
Expiration Date: 1/14/2009
Department: Organics
BatchNumber: B-4995
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58911	Soil8260CAL @ 500 PPB	2.5 ml	VARIOUS pp	250 ppb
1398	p&t water	2.5 ml	neat neat	

Veritech Lot Number: V-58923

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 100 PPB
Prep Date: 1/13/2009
Expiration Date: 1/14/2009
Department: Organics
BatchNumber: B-4995
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water		neat neat	
V-58911	Soil8260CAL @ 500 PPB		VARIOUS pp	

Veritech Lot Number: V-58924

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 50 PPB
Prep Date: 1/13/2009
Expiration Date: 1/14/2009
Department: Organics
BatchNumber: B-4995
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.5 ml	neat neat	
V-58911	Soil8260CAL @ 500 PPB	.5 ml	VARIOUS pp	50 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58925

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 20 PPB
Prep Date: 1/13/2009
Expiration Date: 1/14/2009
Department: Organics
BatchNumber: B-4995
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.8 ml	neat neat	
V-58911	Soil8260CAL @ 500 PPB	.2 ml	VARIOUS pp	20 ppb

Veritech Lot Number: V-58926

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 10 PPB
Prep Date: 1/13/2009
Expiration Date: 1/14/2009
Department: Organics
BatchNumber: B-4995
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58911	Soil8260CAL @ 500 PPB	.1 ml	VARIOUS pp	10 ppb
1398	p&t water	4.9 ml	neat neat	

Veritech Lot Number: V-58927

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 5 PPB
Prep Date: 1/13/2009
Expiration Date: 1/14/2009
Department: Organics
BatchNumber: B-4995
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.95 ml	neat neat	
V-58911	Soil8260CAL @ 500 PPB	.05 ml	VARIOUS pp	5 ppb

Veritech Lot Number: V-58928

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 1 PPB
Prep Date: 1/13/2009
Expiration Date: 1/14/2009
Department: Organics
BatchNumber: B-4995
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.99 ml	neat neat	
V-58911	Soil8260CAL @ 500 PPB	.01 ml	VARIOUS pp	1 ppb

Veritech Lot Number: V-58929

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 500 PPB
Prep Date: 1/13/2009
Expiration Date: 1/14/2009
Department: Organics
BatchNumber: B-4995
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58911	Soil8260CAL @ 500 PPB	5 ml	VARIOUS pp	500 ppb

Veritech Lot Number: V-58930

Prepared By: Previlon, Wilner
Description: ICV CAL @ 50 PPB
Prep Date: 1/13/2009
Expiration Date: 1/14/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57715	MBS	2.5 ul	100 ppm	50 ppb
1398	p&t water	5 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	1.25 ul	200 ppm	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-59085

Prepared By: Previlon, Wilner
Description: CAL @ 20 PPB
Prep Date: 1/15/2009
Expiration Date: 1/22/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Lot Number: V-59086

Prepared By: Previlon, Wilner
Description: CAL @ 50 PPB
Prep Date: 1/15/2009
Expiration Date: 1/16/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58720	200ppm VOA Working Std	1.25 ul	VARIOUS pp	50 ppb
1398	p&t water	5 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	1.25 ul	200 ppm	50 ppb

Veritech Lot Number: V-59154

Prepared By: Goring, Shawn
Description: CAL @ 50 PPB
Prep Date: 1/15/2009
Expiration Date: 1/16/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58720	200ppm VOA Working Std	1.25 ul	VARIOUS pp	50 ppb
1398	p&t water	5 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	1.25 ul	200 ppm	50 ppb

Veritech Lot Number: V-59249

Prepared By: Previlon, Wilner
Description: CAL @ 50 PPB
Prep Date: 1/19/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58720	200ppm VOA Working Std	1.25 ul	VARIOUS pp	50 ppb
1398	p&t water	5 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	1.25 ul	200 ppm	50 ppb

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 777

Description
1-bromo-4-fluorobenzenne

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	b6,720-1	08115kn	06/05/01	06/11/11	jean	1	25ml	neat	

Veritech Control/Receipt Number: 1230

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	045850	06/22/05	06/22/15	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1295

Description
CHLOROBENZENE-D5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	176605-1G	02702EA	09/06/05	09/30/15	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 1297

Description
TOLUENE-D8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	434388-5G	02504HB	09/06/05	09/30/15	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1308

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	052204	09/14/05	09/14/10	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1398

Description
p&t water

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
veritech	na	na	01/01/08	11/01/10	Batelli, Daniel	1	na	neat	neat

Veritech Control/Receipt Number: 1588

Description
P&T METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	055310	03/03/06	03/03/10	Wickliffe, David	6	1L	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1912

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	063720	09/07/06	08/28/10	Revolus, Jean	42	1L	NEAT	

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2726

Description
CYCLOHEXANONE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F2326	352-153B	09/04/07	01/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2770

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.BAKER	9977-02	E20E38	09/25/07	09/24/10	Lopez, Jose	48	1L	neat	neat

Veritech Control/Receipt Number: 2880

Description
p-ETHYLTOLUENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2413	376-30A	11/19/07	01/31/12	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2881

Description
p-DIETHYLBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2296	371-140A	11/19/07	12/31/10	Revolus, Jean	3	100m	NEAT	

Veritech Control/Receipt Number: 2889

Description
1,2,4,5-TETRAMETHYLBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACROS ORGANI	409390050	A0214190	11/20/07	11/30/20	Revolus, Jean	1	1ML	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3115

Description: TERT-AMYL METHYL ETHER

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30629	A052131	02/29/08	05/31/12	Revolus, Jean	2	1ML	2000	PPM

Veritech Control/Receipt Number: 3178

Description: 1,2-Dichloroethane-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	396540-1G	EW0372	03/26/08	03/26/18	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3232

Description: Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9077-02	E20E38	04/15/08	04/14/11	Lopez, Jose	48	1L	neat	neat

Veritech Control/Receipt Number: 3235

Description: CHLORODIFLUOROMETHANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	B8040176	04/15/08	04/14/18	Revolus, Jean	5	1ML	200	PPM

Veritech Control/Receipt Number: 3366

Description: 8260 CAL MIX 2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	46831-U	LB55764	05/28/08	12/31/10	Revolus, Jean	2	1ml	2000	PPM

Veritech Control/Receipt Number: 3367

Description: 502/524 VOA CAL MIX(2nd Source)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	502111	LB54555	05/28/08	01/31/10	Brand, Frank	3	1ml	2000	PPM

Veritech Control/Receipt Number: 3442

Description: Custom VOC Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B8070002	07/03/08	07/02/09	Revolus, Jean	5	1ml	Various	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3443

Description: Custom VOC Standard

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B8070005	07/03/08	07/02/09	Revolus, Jean	5	1ml	Various	

Veritech Control/Receipt Number: 3473

Description: 502/524 VOA CAL MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-02111	LB55366	07/22/08	02/28/10	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3474

Description: 8260 ADD MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	46831-U	LB55764	07/22/08	12/31/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3482

Description: 502/524 VOA CAL MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	LVOC-1JM	402-90A	07/22/08	05/31/09	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3593

Description: Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9077-02	E22E25	09/09/08	09/08/10	Okomeng, Maxwel	30	1LT	neat	neat

Veritech Control/Receipt Number: 3607

Description: Cyclohexanone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accustd	M-554-04	108-94-1	09/18/08	03/31/09	Hamid, Akmal	2	1ml	1008	ug/ml

Veritech Control/Receipt Number: 3661

Description: Fluorobenzene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F839	388-117B	10/06/08	09/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3664

Description
Chlorodifluoromethane (Freon#22)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	B8040176	10/10/08	04/14/18	Revolus, Jean	10	1ml	200	PPM

Veritech Control/Receipt Number: 3665

Description
8260 Additions Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8260-ADD-10X	B8070052-1A	10/10/08	01/09/09	Revolus, Jean	4	1ml	2000	PPM

Veritech Control/Receipt Number: 3676

Description
VOA COMP MIX#6(GASES)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48799-U	LB61100	10/14/08	01/31/10	Revolus, Jean	5	1ml	2000	PPM

Veritech Control/Receipt Number: 3693

Description
Dibromofluoromethane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30634	A063048	10/22/08	09/30/13	Revolus, Jean	5	100m	NEAT	

Veritech Control/Receipt Number: 3712

Description
VOA GASES COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-601B-10X-PAK	B8070073	11/07/08	07/10/11	Revolus, Jean	10	1ML	2000	PPM

Veritech Control/Receipt Number: 3749

Description
tert-Amyl methyl ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-06737	LB60583	11/18/08	11/30/11	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3808

Description
gases(VOA MIX # 6)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	VOHC-6RPM	407-11B	01/07/09	07/31/09	Revolus, Jean	5	1ML	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3809

Description
502/524 VOA CAL MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	LVOC-1RPM	414-98A	01/07/09	12/31/09	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3831

Description
8260 ADDITIONS

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8260-ADD-10X	B8110117	01/08/09	03/13/09	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3832

Description
CUSTOM VOC MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B9010062	01/08/09	07/07/09	Revolus, Jean	5	1ML	VARIOU	

GC/MS Semi-Volatile Data

GC/MS Semi-Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8270C

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
10M02394.D	WMB4022	Aqueous	01/15/09 09:01	1		57	38	89	84	92	94
10M02426.D	WMB4024	Aqueous	01/16/09 15:18	1		63	48	90	93	107	113
9M15885.D	SMB4007	Soil	01/15/09 13:52	1		91	97	80	80	88	88
9M15902.D	SMB4008	Soil	01/16/09 11:32	1		85	85	83	84	91	101
9M15923.D	AC42169-001	Soil	01/16/09 19:17	1		86	87	83	89	98	100
10M02436.D	AC42169-003	Aqueous	01/16/09 19:06	1		63	50	88	83	98	105
9M15924.D	AC42169-005	Soil	01/16/09 19:40	1		80	83	78	85	93	98
10M02437.D	AC42169-007	Aqueous	01/16/09 19:29	1		58	41	86	87	99	109
10M02395.D	WMB4022(MS	Aqueous	01/15/09 09:24	1		63	43	90	82	95	94
10M02397.D	AC42118-004(	Aqueous	01/15/09 10:09	1		88	80	94	88	96	94
10M02398.D	AC42118-004(	Aqueous	01/15/09 10:32	1		66	67	89	86	82	91
10M02399.D	AC42118-004(	Aqueous	01/15/09 10:55	1		86	81	92	85	96	91
10M02425.D	WMB4024(MS	Aqueous	01/16/09 14:56	1		65	50	95	92	107	107
9M15884.D	SMB4007(MS)	Soil	01/15/09 13:30	1		88	94	77	78	88	88
9M15888.D	AC42110-018	Soil	01/15/09 15:05	1		81	89	69	69	83	79
9M15889.D	AC42110-018(	Soil	01/15/09 15:27	1		85	95	80	78	100	93
9M15890.D	AC42110-018(	Soil	01/15/09 15:49	1		70	75	66	66	85	82
9M15903.D	SMB4008(MS)	Soil	01/16/09 11:54	1		85	84	83	84	96	96

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	36-114
S2=Phenol-d5	100	32-113
S3=Nitrobenzene-d5	50	37-116
S4=2-Fluorobiphenyl	50	47-113
S5=2,4,6-Tribromophenol	100	31-140
S6=Terphenyl-d14	50	41-152

Aqueous Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	22-101
S2=Phenol-d5	100	1-95
S3=Nitrobenzene-d5	50	50-128
S4=2-Fluorobiphenyl	50	48-123
S5=2,4,6-Tribromophenol	100	10-123
S6=Terphenyl-d14	50	44-132

Form3

MBS Data

Method: 8270

Data File:==>					9M15903.D			10M02425.D											
Data/Batch/Sample ID:==>					SMB4008(MS)			WMB4024(MS)											
Date/Time:==>					01/16/09 11:54			01/16/09 14:56											
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,2,4-Trichlorobenz	40-129	52-120	1	0	37.26	50	75	80.46	100	80									
1,4-Dichlorobenzen	26-128	52-110	1	0	37.08	50	74	76.9	100	77									
2,4-Dimethylphenol	47-135	54-122	1	0	85.57	100	86	83.99	100	84									
2,4-Dinitrotoluene	30-139	64-120	1	0	43.23	50	86	99.3	100	99									
2-Chlorophenol	43-131	64-108	1	0	78.97	100	79	82.94	100	83									
2-Methylphenol	40-137	58-113	1	0	79.33	100	79	83.44	100	83									
4-Chloro-3-methylph	45-142	71-119	1	0	86.41	100	86	96.86	100	97									
4-Nitrophenol	35-146	35-116	1	0	100.4	100	100	52.7	100	53									
Acenaphthene	47-137	75-110	1	0	41.77	50	84	88.4	100	88									
Butylbenzylphthalat	45-157	66-127	1	0	49.38	50	99	95.02	100	95									
Fluorene	42-135	73-113	1	0	41.43	50	83	91.67	100	92									
Naphthalene	44-132	61-116	1	0	39.86	50	80	84.4	100	84									
N-Nitroso-di-n-propy	23-147	49-118	1	0	41.02	50	82	94.19	100	94									
Pentachlorophenol	38-132	76-140	1	0	98.66	100	99	97.17	100	97									
Phenol	35-130	32-98	1	0	74.23	100	74	46.28	100	46									
Pyrene	45-167	76-118	1	0	44.08	50	88	89.94	100	90									

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

FORM 3

Spike Recovery

Batch Number: SMB4007
Mbs Name: SMB4007(MS)
Ns Name: AC42110-018
Ms Name: AC42110-018(MS)
Msd Name: AC42110-018(MSD

Mbs File: 9M15884.D
Non Spk'd File: 9M15888.D
Spike File: 9M15889.D
Spike Dup File: 9M15890.D
Matrix: Soil
Method: EPA 8270C

Mbs Date: 01/15/09 13:30
Non Spk'd Date: 01/15/09 15:05
Spike Date : 01/15/09 15:27
Spike Dup Date: 01/15/09 15:49

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	10	1	0	100	35	130	31	81.41	0.00	83.29	67.00	81	83	67	22
2-Chlorophenol	11	1	0	100	43	131	32	83.19	0.00	85.42	68.16	83	85	68	22
1,4-Dichlorobenzene	14	1	0	50	26	128	41	34.43	0.00	35.92	28.63	69	72	57	23
2-Methylphenol	18	1	0	100	40	137	32	85.18	0.00	90.87	72.15	85	91	72	23
N-Nitroso-di-n-propyla	21	1	0	50	23	147	39	42.62	0.00	42.69	34.27	85	85	69	22
2,4-Dimethylphenol	28	1	0	100	47	135	32	80.76	0.00	85.56	69.92	81	86	70	20
1,2,4-Trichlorobenzen	32	1	0	50	40	129	39	33.28	0.00	36.84	29.83	67	74	60	21
Naphthalene	33	1	0	50	44	132	41	37.37	1.13	40.47	36.28	75	79	70	11
4-Chloro-3-methylphe	37	1	0	100	45	142	32	86.28	0.00	94.56	76.64	86	95	77	21
Acenaphthene	55	1	0	50	47	137	58	38.81	3.12	47.52	39.48	78	89	73	18
2,4-Dinitrotoluene	59	1	0	50	30	139	47	34.08	0.00	35.37	26.33	68	71	53	29
4-Nitrophenol	60	1	0	100	35	146	36	96.76	0.00	111.70	81.78	97	112	82	31
Fluorene	62	1	0	50	42	135	43	39.78	4.14	49.48	42.16	80	91	76	16
Pentachlorophenol	75	1	0	100	38	132	37	88.47	0.00	109.00	91.42	88	109	91	18
Pyrene	82	1	0	50	45	167	53	40.10	45.17	115.27	104.74	80	140	119	9.6
Butylbenzylphthalate	88	1	0	50	45	157	40	44.85	0.00	43.26	37.94	90	87	76	13

Note:

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

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

FORM 3

Spike Recovery

Batch Number: WMB4022
Mbs Name: WMB4022(MS)
Ns Name: AC42118-004(T)
Ms Name: AC42118-004(T)(M
Msd Name: AC42118-004(T)(M

Mbs File: 10M02395.D
Non Spk'd File: 10M02397.D
Spike File: 10M02398.D
Spike Dup File: 10M02399.D
Matrix: Aqueous
Method: EPA 8270C

Mbs Date: 01/15/09 09:24
Non Spk'd Date: 01/15/09 10:09
Spike Date : 01/15/09 10:32
Spike Dup Date: 01/15/09 10:55

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	10	1	0	100	32	98	27	41.50	0.00	66.86	81.86	41	67	82	20
2-Chlorophenol	11	1	0	100	64	108	21	88.46	0.00	73.35	90.28	88	73	90	21
1,4-Dichlorobenzene	14	1	0	100	52	110	30	80.92	0.00	84.75	81.88	81	85	82	3.4
2-Methylphenol	18	1	0	100	58	113	25	82.17	0.00	81.58	88.86	82	82	89	8.5
N-Nitroso-di-n-propyla	21	1	0	100	49	118	14	86.38	0.00	88.59	84.41	86	89	84	4.8
2,4-Dimethylphenol	28	1	0	100	54	122	18	86.76	0.00	68.74	72.95	87	69	73	5.9
1,2,4-Trichlorobenzen	32	1	0	100	52	120	17	84.39	0.00	87.01	84.78	84	87	85	2.6
Naphthalene	33	1	0	100	61	116	16	84.88	0.00	87.81	85.34	85	88	85	2.9
4-Chloro-3-methylphe	37	1	0	100	71	119	16	95.23	0.00	85.75	95.38	95	86	95	11
Acenaphthene	55	1	0	100	75	110	14	87.22	0.00	88.26	87.08	87	88	87	1.3
2,4-Dinitrotoluene	59	1	0	100	64	120	13	94.63	0.00	95.17	95.02	95	95	95	0.16
4-Nitrophenol	60	1	0	100	35	116	41	45.77	0.00	70.08	89.29	46	70	89	24
Fluorene	62	1	0	100	73	113	14	87.21	0.00	89.66	88.01	87	90	88	1.9
Pentachlorophenol	75	1	0	100	76	140	31	98.82	0.00	62.69	104.31	99	63 Mo	104	50Rp
Pyrene	82	1	0	100	76	118	13	90.32	0.00	88.39	86.04	90	88	86	2.7
Butylbenzylphthalate	88	1	0	100	66	127	12	95.72	0.00	95.72	92.72	96	96	93	3.2

Note:

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

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

FORM 4
Blank Summary

Blank Number: WMB4022
Blank Data File: 10M02394.D
Matrix: Aqueous

Blank Analysis Date: 01/15/09 09:01
Blank Extraction Date: 01/14/09
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC42118-004(T)(M	10M02399.D	01/15/09 10:55
AC42118-004(T)(M	10M02398.D	01/15/09 10:32
AC42118-004(T)	10M02397.D	01/15/09 10:09
WMB4022(MS)	10M02395.D	01/15/09 09:24

FORM 4
Blank Summary

Blank Number: SMB4007
Blank Data File: 9M15885.D
Matrix: Soil

Blank Analysis Date: 01/15/09 13:52
Blank Extraction Date: 01/15/09
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC42110-018(MSD	9M15890.D	01/15/09 15:49
AC42110-018(MS)	9M15889.D	01/15/09 15:27
AC42110-018	9M15888.D	01/15/09 15:05
SMB4007(MS)	9M15884.D	01/15/09 13:30

FORM 4
Blank Summary

Blank Number: SMB4008
Blank Data File: 9M15902.D
Matrix: Soil

Blank Analysis Date: 01/16/09 11:32
Blank Extraction Date: 01/15/09
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC42169-001	9M15923.D	01/16/09 19:17
AC42169-005	9M15924.D	01/16/09 19:40
SMB4008(MS)	9M15903.D	01/16/09 11:54

FORM 4

Blank Summary

Blank Number: WMB4024
Blank Data File: 10M02426.D
Matrix: Aqueous

Blank Analysis Date: 01/16/09 15:18
Blank Extraction Date: 01/16/09
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC42169-003	10M02436.D	01/16/09 19:06
AC42169-007	10M02437.D	01/16/09 19:29
WMB4024(MS)	10M02425.D	01/16/09 14:56

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 9
Data File: 9M15716.D
Analysis Date: 01/07/09 11:37
Method: EPA 8270C

Tune Scan/Time Range: Scan 1376

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	47.1	28096	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	52.7	31448	PASS
70	69	0.00	2	0.6	204	PASS
127	198	40	60	54.4	32504	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	59712	PASS
199	198	5	9	6.8	4089	PASS
275	198	10	30	22.2	13233	PASS
365	198	1	100	2.6	1559	PASS
441	443	0.01	100	71.4	4797	PASS
442	198	40	100	50.1	29912	PASS
443	442	17	23	22.5	6722	PASS

Data File	Sample Number	Analysis Date:
9M15717.D	CAL BNA@196PP	01/07/09 12:46
9M15718.D	CAL BNA@160PP	01/07/09 13:13
9M15719.D	CAL BNA@120PP	01/07/09 13:35
9M15720.D	CAL BNA@80PPM	01/07/09 13:58
9M15721.D	CAL BNA@50PPM	01/07/09 14:20
9M15722.D	CAL BNA@20PPM	01/07/09 14:43
9M15723.D	CAL BNA@10PPM	01/07/09 15:05
9M15724.D	CAL BNA@2PPM	01/07/09 15:28
9M15725.D	ICVBNA@50PPM	01/07/09 15:50
9M15726.D	TEST	01/07/09 16:54
9M15727.D	TEST(MS)	01/07/09 17:44
9M15728.D	WMB4015	01/07/09 18:07

Form 5

Tune Name: CAL DFTPP **Data File:** 10M02298.D
Instrument: GCMS 10 **Analysis Date:** 01/09/09 09:04
Method: EPA 8270C

Tune Scan/Time Range: Average of 10.023 to 10.034 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	43.4	16685	PASS
68	69	0.00	2	0.3	65	PASS
69	198	0.00	100	52.8	20290	PASS
70	69	0.00	2	0.3	53	PASS
127	198	40	60	47.4	18236	PASS
197	198	0.00	1	0.8	290	PASS
198	198	100	100	100.0	38453	PASS
199	198	5	9	6.2	2394	PASS
275	198	10	30	27.5	10580	PASS
365	198	1	100	3.1	1185	PASS
441	443	0.01	100	85.9	4445	PASS
442	198	40	100	66.4	25518	PASS
443	442	17	23	20.3	5174	PASS

Data File	Sample Number	Analysis Date:
10M02299.D	CAL BNA@196PP	01/09/09 09:33
10M02300.D	CAL BNA@160PP	01/09/09 09:56
10M02301.D	CAL BNA@120PP	01/09/09 10:18
10M02302.D	CAL BNA@80PPM	01/09/09 10:41
10M02303.D	CAL BNA@50PPM	01/09/09 11:04
10M02304.D	CAL BNA@20PPM	01/09/09 11:27
10M02305.D	CAL BNA@10PPM	01/09/09 11:50
10M02306.D	CAL BNA@2PPM	01/09/09 12:13
10M02307.D	ICV BNA@50PPM	01/09/09 12:36
10M02308.D	WMB4019(MS)	01/09/09 14:10
10M02309.D	WMB4019	01/09/09 14:32
10M02310.D	WMB4018(MS)	01/09/09 14:55
10M02311.D	WMB4018	01/09/09 15:18
10M02312.D	AC41842-010	01/09/09 15:41
10M02313.D	AC42026-002(R)	01/09/09 16:27
10M02314.D	WMB4015(MS)	01/09/09 16:50
10M02315.D	WMB4015	01/09/09 17:12
10M02316.D	AC41930-008(T)	01/09/09 17:35
10M02317.D	AC42070-001	01/09/09 17:58
10M02318.D	AC42033-001	01/09/09 18:21
10M02319.D	AC42040-001	01/09/09 18:44
10M02320.D	AC42040-002	01/09/09 19:06
10M02321.D	AC42040-003	01/09/09 19:29
10M02322.D	AC42024-001(R)	01/09/09 19:52
10M02323.D	AC42024-002(R)	01/09/09 20:15
10M02324.D	AC42069-001(20X)	01/09/09 20:38

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 9
Data File: 9M15870.D
Analysis Date: 01/15/09 08:12
Method: EPA 8270C

Tune Scan/Time Range: Scan 1373

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	38.9	23560	PASS
68	69	0.00	2	1.9	484	PASS
69	198	0.00	100	43.0	26000	PASS
70	69	0.00	2	0.8	215	PASS
127	198	40	60	49.0	29624	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	60512	PASS
199	198	5	9	6.1	3703	PASS
275	198	10	30	24.5	14841	PASS
365	198	1	100	3.0	1798	PASS
441	443	0.01	100	73.7	6240	PASS
442	198	40	100	68.4	41368	PASS
443	442	17	23	20.5	8469	PASS

Data File	Sample Number	Analysis Date:
9M15871.D	BNA@50PPM	01/15/09 08:37
9M15872.D	CAL BNA@50PPM	01/15/09 09:03
9M15873.D	AC42137-002(MS)	01/15/09 09:25
9M15874.D	AC42118-002(20X)	01/15/09 09:47
9M15875.D	AC42138-001(5X)	01/15/09 10:09
9M15876.D	AC42110-041(5X)	01/15/09 10:32
9M15877.D	AC42110-022	01/15/09 10:54
9M15878.D	AC42110-016	01/15/09 11:16
9M15879.D	AC42110-015	01/15/09 11:38
9M15880.D	AC42138-004	01/15/09 12:00
9M15881.D	AC42138-001(25X)	01/15/09 12:23
9M15882.D	OMB1145(MS)	01/15/09 12:45
9M15883.D	OMB1145	01/15/09 13:07
9M15884.D	SMB4007(MS)	01/15/09 13:30
9M15885.D	SMB4007	01/15/09 13:52
9M15886.D	AC42118-002(20X)	01/15/09 14:14
9M15887.D	AC42110-041	01/15/09 14:36
9M15888.D	AC42110-018	01/15/09 15:05
9M15889.D	AC42110-018(MS)	01/15/09 15:27
9M15890.D	AC42110-018(MSD	01/15/09 15:49
9M15891.D	AC42110-001	01/15/09 16:12
9M15892.D	AC42110-002(20X)	01/15/09 16:34
9M15893.D	AC42110-011	01/15/09 16:56
9M15894.D	AC42110-005	01/15/09 17:18
9M15895.D	AC42110-019	01/15/09 17:41
9M15896.D	AC42110-017	01/15/09 18:03
9M15897.D	AC42110-007	01/15/09 18:25
9M15898.D	AC42110-009	01/15/09 18:47
9M15899.D	AC42012-009	01/15/09 19:09

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 10
Data File: 10M02392.D
Analysis Date: 01/15/09 08:12
Method: EPA 8270C

Tune Scan/Time Range: Scan 1433

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	38.9	32024	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.4	38224	PASS
70	69	0.00	2	0.7	286	PASS
127	198	40	60	47.4	39016	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	82368	PASS
199	198	5	9	7.0	5756	PASS
275	198	10	30	27.6	22760	PASS
365	198	1	100	3.6	2965	PASS
441	443	0.01	100	81.0	9527	PASS
442	198	40	100	79.0	65056	PASS
443	442	17	23	18.1	11762	PASS

Data File	Sample Number	Analysis Date:
10M02393.D	CAL BNA@50PPM	01/15/09 08:37
10M02394.D	WMB4022	01/15/09 09:01
10M02395.D	WMB4022(MS)	01/15/09 09:24
10M02396.D	AC42118-002(T)	01/15/09 09:47
10M02397.D	AC42118-004(T)	01/15/09 10:09
10M02398.D	AC42118-004(T)(M	01/15/09 10:32
10M02399.D	AC42118-004(T)(M	01/15/09 10:55
10M02400.D	AC42108-006(10X)	01/15/09 11:18
10M02401.D	AC42118-006(T)	01/15/09 11:41
10M02402.D	AC42118-008(T)	01/15/09 12:03
10M02403.D	AC42118-010(T)	01/15/09 12:26
10M02404.D	AC42118-012(T)	01/15/09 12:49
10M02405.D	AC42116-002(T)	01/15/09 13:11
10M02406.D	AC42123-006	01/15/09 13:34
10M02407.D	AC42051-004(T)(R	01/15/09 13:57
10M02408.D	AC42094-002(R)	01/15/09 14:20
10M02409.D	AC42094-007(R)	01/15/09 14:42
10M02410.D	AC42094-006(R)	01/15/09 15:05
10M02411.D	AC42126-001	01/15/09 15:28
10M02412.D	AC42124-001	01/15/09 15:51

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 10
Data File: 10M02413.D
Analysis Date: 01/16/09 09:43
Method: EPA 8270C

Tune Scan/Time Range: Scan 1432

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	44.6	28312	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	52.5	33344	PASS
70	69	0.00	2	0.8	276	PASS
127	198	40	60	51.0	32416	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	63520	PASS
199	198	5	9	7.2	4595	PASS
275	198	10	30	27.0	17168	PASS
365	198	1	100	3.5	2223	PASS
441	443	0.01	100	86.6	6317	PASS
442	198	40	100	65.3	41496	PASS
443	442	17	23	17.6	7298	PASS

Data File	Sample Number	Analysis Date:
10M02414.D	CAL BNA@50PPM	01/16/09 10:44
10M02415.D	WMB4023	01/16/09 11:09
10M02416.D	WMB4023(MS)	01/16/09 11:32
10M02417.D	AC42143-001(T)	01/16/09 11:55
10M02418.D	AC42144-009	01/16/09 12:17
10M02419.D	AC42144-011	01/16/09 12:40
10M02420.D	AC42148-005	01/16/09 13:02
10M02421.D	AC42148-006	01/16/09 13:25
10M02422.D	AC42148-008	01/16/09 13:48
10M02423.D	AC42144-013	01/16/09 14:10
10M02424.D	AC42144-014	01/16/09 14:33
10M02425.D	WMB4024(MS)	01/16/09 14:56
10M02426.D	WMB4024	01/16/09 15:18
10M02427.D	AC42148-005(3X)	01/16/09 15:41
10M02428.D	AC42148-006(3X)	01/16/09 16:04
10M02429.D	AC42148-009	01/16/09 16:27
10M02430.D	AC42148-011	01/16/09 16:49
10M02431.D	AC42140-001	01/16/09 17:12
10M02432.D	AC42140-001(MS)	01/16/09 17:35
10M02433.D	AC42140-001(MSD	01/16/09 17:58
10M02434.D	AC42148-010	01/16/09 18:20
10M02435.D	AC42148-008(3X)	01/16/09 18:43
10M02436.D	AC42169-003	01/16/09 19:06
10M02437.D	AC42169-007	01/16/09 19:29
10M02438.D	AC42157-015	01/16/09 19:51
10M02439.D	AC42150-001	01/16/09 20:14
10M02440.D	AC42140-002	01/16/09 20:37

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 9
Data File: 9M15900.D
Analysis Date: 01/16/09 09:44
Method: EPA 8270C

Tune Scan/Time Range: Scan 1369

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	49.4	34888	PASS
68	69	0.00	2	2.0	723	PASS
69	198	0.00	100	52.1	36784	PASS
70	69	0.00	2	1.0	356	PASS
127	198	40	60	53.7	37920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	70584	PASS
199	198	5	9	7.0	4952	PASS
275	198	10	30	22.1	15581	PASS
365	198	1	100	2.1	1477	PASS
441	443	0.01	100	67.9	5066	PASS
442	198	40	100	47.8	33704	PASS
443	442	17	23	22.1	7465	PASS

Data File	Sample Number	Analysis Date:
9M15901.D	CAL BNA@50PPM	01/16/09 11:09
9M15902.D	SMB4008	01/16/09 11:32
9M15903.D	SMB4008(MS)	01/16/09 11:54
9M15904.D	AC42183-002(2X)	01/16/09 12:16
9M15905.D	AC42012-009(10X)	01/16/09 12:38
9M15906.D	AC42110-002(3X)	01/16/09 13:00
9M15907.D	AC42110-005	01/16/09 13:22
9M15908.D	AC42183-004(2X)	01/16/09 13:45
9M15909.D	AC42183-006(2X)	01/16/09 14:07
9M15910.D	AC42183-008(2X)	01/16/09 14:29
9M15911.D	AC42183-010(2X)	01/16/09 14:51
9M15912.D	AC42183-012(2X)	01/16/09 15:13
9M15913.D	SMB4009(MS)	01/16/09 15:36
9M15914.D	SMB4009	01/16/09 15:58
9M15915.D	AC42125-004	01/16/09 16:20
9M15916.D	AC42125-004(MS)	01/16/09 16:42
9M15917.D	AC42125-004(MSD	01/16/09 17:04
9M15918.D	AC42183-014(2X)	01/16/09 17:27
9M15919.D	AC42176-001	01/16/09 17:49
9M15920.D	AC42176-002	01/16/09 18:11
9M15921.D	AC42176-003	01/16/09 18:33
9M15922.D	AC42176-004	01/16/09 18:55
9M15923.D	AC42169-001	01/16/09 19:17
9M15924.D	AC42169-005	01/16/09 19:40
9M15925.D	AC42144-001	01/16/09 20:02
9M15926.D	AC42144-002	01/16/09 20:24
9M15927.D	AC42170-001	01/16/09 20:46
9M15928.D	AC42170-002	01/16/09 21:09
9M15929.D	AC42170-003	01/16/09 21:31

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M15721.D Method: EPA 8270C

Analysis Date/Time: 01/07/09 14:20

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	76704	5.73	325622	6.74	188918	8.16	319850	9.62	314198	12.67	294925	14.28
Eval File Area Limit:	38352-153408		162811-651244		94459-377836		159925-639700		157099-628396		147462-589850	
Eval File Rt Limit:	5.23-6.23		6.24-7.24		7.66-8.66		9.12-10.12		12.17-13.17		13.78-14.78	
Data File Sample												
9M15717.D CAL BNA@1	71440	5.73	285544	6.75	172975	8.17	298554	9.62	305327	12.68	301426	14.28
9M15718.D CAL BNA@1	74869	5.73	307283	6.75	184933	8.17	307651	9.62	318724	12.68	308457	14.28
9M15719.D CAL BNA@1	79148	5.73	321763	6.75	193672	8.17	323540	9.62	325828	12.68	302694	14.28
9M15720.D CAL BNA@8	79957	5.73	325726	6.75	196124	8.17	324602	9.62	325596	12.67	300450	14.28
9M15721.D CAL BNA@5	76704	5.73	325622	6.74	188918	8.16	319850	9.62	314198	12.67	294925	14.28
9M15722.D CAL BNA@2	80957	5.73	330003	6.74	197585	8.16	328950	9.62	328088	12.67	306940	14.28
9M15723.D CAL BNA@1	78210	5.73	318985	6.74	190876	8.16	305752	9.62	311812	12.67	296298	14.28
9M15724.D CAL BNA@2	74205	5.73	303609	6.74	184290	8.16	299772	9.62	297402	12.67	279966	14.28
9M15725.D ICVBNA@50	75513	5.73	309780	6.74	182539	8.16	297337	9.62	305938	12.67	287837	14.28
9M15726.D TEST	68138	5.73	275532	6.75	161945	8.17	266437	9.62	267490	12.67	250236	14.28
9M15727.D TEST(MS)	66526	5.73	264040	6.75	159559	8.17	265935	9.62	272333	12.67	245613	14.28
9M15728.D WMB4015	65357	5.73	270638	6.74	160865	8.16	266951	9.62	262572	12.67	235764	14.28

I1 = 1,4-Dichlorobenzene-d4
I2 = Naphthalene-d8
I3 = Acenaphthene-d10
I4 = Phenanthrene-d10
I5 = Chrysene-d12
I6 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 10M02303.D Method: EPA 8270C

Analysis Date/Time: 01/09/09 11:04

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	65460	5.86	243792	6.87	147281	8.30	253955	9.76	269370	12.80	272844	14.41
Eval File Area Limit:	32730-130920		121896-487584		73640-294562		126978-507910		134685-538740		136422-545688	
Eval File Rt Limit:	5.36-6.36		6.37-7.37		7.8-8.8		9.26-10.26		12.3-13.3		13.91-14.91	
Data File Sample												
10M02299. CAL BNA@1	55051	5.86	204974	6.87	123159	8.30	215058	9.76	237324	12.81	239829	14.42
10M02300. CAL BNA@1	54095	5.86	204046	6.87	122288	8.30	214587	9.76	234522	12.80	240632	14.42
10M02301. CAL BNA@1	70770	5.86	269634	6.87	162462	8.30	284025	9.76	305106	12.80	307601	14.42
10M02302. CAL BNA@8	59769	5.86	220922	6.87	132964	8.30	233671	9.76	247410	12.80	254192	14.42
10M02303. CAL BNA@5	65460	5.86	243792	6.87	147281	8.30	253955	9.76	269370	12.80	272844	14.41
10M02304. CAL BNA@2	63746	5.86	237800	6.87	140063	8.30	249388	9.76	267980	12.79	274224	14.41
10M02305. CAL BNA@1	63480	5.86	243919	6.87	152439	8.30	258552	9.76	280537	12.80	295232	14.41
10M02306. CAL BNA@2	42530	5.86	163050	6.87	96804	8.30	170762	9.75	171572	12.79	184228	14.41
10M02307. ICV BNA@50	57808	5.86	215105	6.87	129678	8.30	224981	9.76	235754	12.80	239935	14.41
10M02308. WMB4019(M	54797	5.86	203893	6.87	124349	8.30	215109	9.76	238232	12.80	239822	14.41
10M02309. WMB4019	47774	5.86	181589	6.87	111605	8.30	191042	9.75	205368	12.79	221504	14.41
10M02310. WMB4018(M	55246	5.86	204600	6.87	122223	8.30	211725	9.76	225171	12.80	226056	14.41
10M02311. WMB4018	49025	5.86	186359	6.87	112926	8.30	201216	9.75	209067	12.79	221190	14.41
10M02314. WMB4015(M	53826	5.86	198827	6.87	119831	8.30	204902	9.76	220915	12.80	220621	14.41
10M02315. WMB4015	50152	5.86	187476	6.87	114658	8.30	203829	9.75	208803	12.79	223970	14.41
10M02316. AC41930-008	57789	5.86	208987	6.87	128180	8.30	221439	9.75	227015	12.79	239162	14.41

I1 = 1,4-Dichlorobenzene-d4
I2 = Naphthalene-d8
I3 = Acenaphthene-d10
I4 = Phenanthrene-d10
I5 = Chrysene-d12
I6 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L *(in final extract)*
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 10M02393.D Method: EPA 8270C

Analysis Date/Time: 01/15/09 08:37

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	66539	5.83	256919	6.85	158209	8.27	278213	9.72	313785	12.76	336472	14.37
Eval File Area Limit:	33270-133078		128460-513838		79104-316418		139106-556426		156892-627570		168236-672944	
Eval File Rt Limit:	5.33-6.33		6.35-7.35		7.77-8.77		9.22-10.22		12.26-13.26		13.87-14.87	
Data File	Sample											
10M02394.	WMB4022	54410	5.83	208401	6.85	131317	8.27	231580	9.72	257309	12.76	297296	14.37
10M02395.	WMB4022(M	59707	5.83	229628	6.85	141248	8.27	244722	9.72	271921	12.76	290005	14.37
10M02396.	AC42118-002	57745	5.83	222389	6.85	135460	8.27	239337	9.72	250546	12.76	270954	14.38
10M02397.	AC42118-004	56883	5.83	216008	6.85	131500	8.27	232325	9.72	258963	12.76	293358	14.37
10M02398.	AC42118-004	59697	5.84	222630	6.85	136453	8.27	238100	9.72	274230	12.76	288400	14.37
10M02399.	AC42118-004	60259	5.83	222825	6.85	134209	8.27	235304	9.72	270910	12.76	285744	14.37
10M02401.	AC42118-006	56801	5.83	211014	6.85	127587	8.27	230599	9.72	257952	12.76	280104	14.37
10M02402.	AC42118-008	54797	5.83	203720	6.84	123849	8.27	220717	9.72	246354	12.76	276563	14.37
10M02403.	AC42118-010	56295	5.83	213490	6.84	128466	8.27	227668	9.72	249671	12.76	279080	14.37
10M02404.	AC42118-012	56088	5.83	211299	6.84	130617	8.27	231144	9.72	250637	12.76	276779	14.37
10M02405.	AC42116-002	58578	5.83	214844	6.85	132719	8.27	234097	9.72	254062	12.76	283553	14.37
10M02406.	AC42123-006	52227	5.83	196811	6.84	121988	8.27	216063	9.72	237088	12.76	270366	14.37
10M02407.	AC42051-004	58457	5.83	220740	6.84	133215	8.27	238775	9.72	262140	12.76	291564	14.37
10M02408.	AC42094-002	55917	5.83	208339	6.84	128655	8.27	231157	9.72	259598	12.76	298017	14.37
10M02409.	AC42094-007	53750	5.83	202583	6.84	126804	8.26	220783	9.72	252369	12.76	289052	14.37
10M02410.	AC42094-006	60902	5.83	228302	6.84	139295	8.27	248074	9.72	276723	12.76	296552	14.37

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	**625/8270 Internal Standard concentration = 40 mg/L (in final extract)**
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	**624/8260 Internal Standard concentration = 30ug/L**
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	**524 Internal Standard concentration =5ug/L**

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M15872.D Method: EPA 8270C

Analysis Date/Time: 01/15/09 09:03

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	39332	5.67	178166	6.69	114370	8.09	215168	9.54	277733	12.58	300355	14.18
Eval File Area Limit:	19666-78664		89083-356332		57185-228740		107584-430336		138866-555466		150178-600710	
Eval File Rt Limit:	5.17-6.17		6.19-7.19		7.59-8.59		9.04-10.04		12.08-13.08		13.68-14.68	

Data File	Sample											
9M15871.D	BNA@50PP	34750	5.67	157736	6.69	98756	8.09	183910	9.54	255508	12.58	299725	14.18
9M15873.D	AC42137-002	38570	5.67	176074	6.68	105286	8.09	192571	9.54	232926	12.57	242342	14.18
9M15874.D	AC42118-002	61823	5.67	255719	6.68	160111	8.09	272700	9.54	334458	12.59	333704	14.19
9M15875.D	AC42138-001	73021	5.67	298059	6.68	170546	8.09	272358	9.54	309758	12.59	283370	14.20
9M15876.D	AC42110-041	69733	5.67	278282	6.68	163673	8.09	281742	9.54	301367	12.58	263966	14.18
9M15877.D	AC42110-022	70107	5.67	297070	6.68	173097	8.09	293315	9.54	265049	12.57	221897	14.18
9M15878.D	AC42110-016	63173	5.67	265070	6.68	162588	8.09	271829	9.54	262379	12.58	224696	14.18
9M15879.D	AC42110-015	65723	5.67	273231	6.69	164771	8.09	269839	9.54	261471	12.57	228575	14.18
9M15880.D	AC42138-004	49491	5.67	213579	6.68	129957	8.09	224804	9.54	257325	12.58	231615	14.18
9M15881.D	AC42138-001	76382	5.67	318065	6.68	185976	8.09	303138	9.54	313460	12.58	272314	14.18
9M15882.D	OMB1145(M	68113	5.67	283469	6.68	170693	8.09	296587	9.54	313049	12.57	271873	14.18
9M15883.D	OMB1145	59057	5.67	259514	6.68	163386	8.09	285073	9.54	324001	12.57	291138	14.18
9M15884.D	SMB4007(M	56125	5.67	252409	6.68	157602	8.09	275468	9.54	288339	12.57	259171	14.18
9M15885.D	SMB4007	50437	5.67	228323	6.68	143208	8.09	259097	9.54	277575	12.57	251431	14.18
9M15886.D	AC42118-002	48932	5.67	215116	6.68	136798	8.09	239548	9.54	303051	12.59	294031	14.19
9M15887.D	AC42110-041	25439	5.67	131630	6.68	101448	8.09	209058	9.54	269802	12.58	243241	14.18
9M15888.D	AC42110-018	40987	5.67	199419	6.69	137845	8.09	258797	9.54	288049	12.58	272407	14.19
9M15889.D	AC42110-018	46418	5.67	214534	6.69	147294	8.09	276551	9.54	304932	12.59	283110	14.19
9M15890.D	AC42110-018	61446	5.67	275260	6.69	184025	8.09	321691	9.54	308609	12.58	294824	14.19
9M15891.D	AC42110-001	35281	5.67	183715	6.69	135622	8.09	260282	9.54	282068	12.58	273260	14.19
9M15892.D	AC42110-002	52480	5.67	239422	6.69	154434	8.09	278611	9.54	270442	12.58	256130	14.18
9M15893.D	AC42110-011	49208	5.67	242547	6.69	169976	8.09	312657	9.54	298006	12.59	286293	14.19
9M15894.D	AC42110-005	19095	5.67	112944	6.69	94931	8.09	224742	9.54	285997	12.58	264281	14.19
9M15895.D	AC42110-019	28196	5.67	149209	6.69	115051	8.09	242431	9.54	284836	12.58	259021	14.19
9M15896.D	AC42110-017	44646	5.67	219112	6.69	148446	8.09	274422	9.54	276473	12.58	246416	14.19
9M15897.D	AC42110-007	48562	5.67	232206	6.69	158667	8.09	294202	9.54	272758	12.58	241637	14.18
9M15898.D	AC42110-009	44624	5.67	213283	6.69	146999	8.09	286863	9.54	279915	12.58	244809	14.18
9M15899.D	AC42012-009	20171	5.67	105567	6.69	121840	8.10	218037	9.56	288031	12.59	260266	14.18

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M15901.D Method: EPA 8270C

Analysis Date/Time: 01/16/09 11:09

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	71237	5.66	299175	6.67	176133	8.08	302814	9.52	312459	12.56	313023	14.16
Eval File Area Limit:	35618-142474		149588-598350		88066-352266		151407-605628		156230-624918		156512-626046	
Eval File Rt Limit:	5.16-6.16		6.17-7.17		7.58-8.58		9.02-10.02		12.06-13.06		13.66-14.66	

Data File	Sample											
9M15902.D	SMB4008	60507	5.66	248739	6.67	142674	8.08	229645	9.52	218762	12.55	210440	14.16
9M15903.D	SMB4008(M	68147	5.66	271664	6.67	156520	8.08	250936	9.52	241604	12.55	225565	14.16
9M15904.D	AC42183-002	71629	5.66	293026	6.67	164968	8.08	266285	9.52	241930	12.55	229088	14.16
9M15905.D	AC42012-009	64446	5.66	251163	6.67	154045	8.08	255250	9.52	253054	12.56	237257	14.16
9M15906.D	AC42110-002	74217	5.66	299622	6.67	170049	8.08	261045	9.52	236844	12.56	245989	14.17
9M15907.D	AC42110-005	82730	5.66	326168	6.67	174142	8.08	259504	9.52	253956	12.56	267455	14.17
9M15908.D	AC42183-004	69513	5.66	281745	6.67	163362	8.08	260695	9.52	229188	12.56	230135	14.16
9M15909.D	AC42183-006	73081	5.66	305011	6.67	172595	8.08	272304	9.52	238247	12.56	235889	14.16
9M15910.D	AC42183-008	74623	5.66	300712	6.67	176299	8.08	279829	9.52	244878	12.56	242557	14.16
9M15911.D	AC42183-010	69486	5.66	283572	6.67	168326	8.08	262783	9.52	223533	12.56	225723	14.16
9M15912.D	AC42183-012	67772	5.66	275277	6.67	162485	8.08	260243	9.52	225015	12.56	223962	14.16
9M15913.D	SMB4009(M	63841	5.66	259646	6.67	148225	8.08	235632	9.52	206944	12.56	203540	14.16
9M15914.D	SMB4009	73128	5.66	283064	6.67	154495	8.08	230534	9.52	206786	12.56	204111	14.16
9M15915.D	AC42125-004	73441	5.66	279549	6.67	156978	8.08	244273	9.52	234416	12.56	241239	14.17
9M15916.D	AC42125-004	63938	5.66	248144	6.67	146193	8.08	236594	9.52	216312	12.56	217731	14.17
9M15917.D	AC42125-004	63868	5.66	249684	6.67	148502	8.08	241559	9.52	227557	12.56	232775	14.17
9M15918.D	AC42183-014	72364	5.66	284658	6.67	165624	8.08	271684	9.52	236513	12.56	237037	14.16
9M15919.D	AC42176-001	63526	5.66	261164	6.67	147077	8.08	233516	9.52	209289	12.56	207846	14.17
9M15920.D	AC42176-002	66467	5.66	268011	6.67	145648	8.08	230321	9.52	213660	12.56	215330	14.17
9M15921.D	AC42176-003	68010	5.66	262865	6.67	148032	8.08	235408	9.52	217703	12.56	216151	14.16
9M15922.D	AC42176-004	63587	5.66	264586	6.67	149091	8.08	232521	9.52	206051	12.56	204421	14.16
9M15923.D	AC42169-001	66676	5.66	267823	6.67	146131	8.08	223678	9.52	196663	12.56	195033	14.16
9M15924.D	AC42169-005	59401	5.66	241628	6.67	137303	8.08	218811	9.52	188974	12.56	186514	14.16
9M15925.D	AC42144-001	66885	5.66	267024	6.67	147282	8.08	231608	9.52	207674	12.56	200094	14.16
9M15926.D	AC42144-002	68176	5.66	269267	6.67	141588	8.08	214519	9.52	199151	12.56	192435	14.16
9M15927.D	AC42170-001	67101	5.66	267867	6.67	149442	8.08	231128	9.52	207321	12.56	196082	14.16
9M15928.D	AC42170-002	60802	5.66	254169	6.67	141869	8.08	226388	9.52	193726	12.56	183742	14.16
9M15929.D	AC42170-003	58237	5.66	239865	6.67	135933	8.08	208823	9.52	188158	12.56	182630	14.16

I1 = 1,4-Dichlorobenzene-d4
I2 = Naphthalene-d8
I3 = Acenaphthene-d10
I4 = Phenanthrene-d10
I5 = Chrysene-d12
I6 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 10M02414.D Method: EPA 8270C

Analysis Date/Time: 01/16/09 10:44

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	68052	5.83	277473	6.84	176480	8.26	312843	9.72	344607	12.76	352554	14.37
Eval File Area Limit:	34026-136104		138736-554946		88240-352960		156422-625686		172304-689214		176277-705108	
Eval File Rt Limit:	5.33-6.33		6.34-7.34		7.76-8.76		9.22-10.22		12.26-13.26		13.87-14.87	

Data File	Sample											
10M02415.	WMB4023	53291	5.82	211459	6.83	138487	8.26	255932	9.72	305835	12.76	351439	14.37
10M02416.	WMB4023(M	58083	5.82	229219	6.84	146435	8.26	261477	9.72	309734	12.76	312239	14.37
10M02417.	AC42143-001	48991	5.82	189251	6.84	122327	8.26	229421	9.72	264890	12.76	303621	14.37
10M02418.	AC42144-009	54500	5.82	219138	6.83	145663	8.26	260637	9.72	306068	12.76	349765	14.37
10M02419.	AC42144-011	48614	5.82	202809	6.84	132182	8.26	257387	9.72	301844	12.76	352801	14.37
10M02420.	AC42148-005	53081	5.83	219761	6.83	144482	8.26	270654	9.72	310430	12.76	326222	14.37
10M02421.	AC42148-006	61302	5.83	265628	6.84	144171	8.26	244132	9.72	268459	12.76	281306	14.37
10M02422.	AC42148-008	62454	5.83	251560	6.83	154696	8.26	272746	9.72	296914	12.76	281450	14.37
10M02423.	AC42144-013	61326	5.82	237805	6.84	153491	8.26	271289	9.72	302215	12.76	326414	14.37
10M02424.	AC42144-014	55147	5.82	221992	6.83	138487	8.26	243660	9.72	265514	12.76	293527	14.37
10M02425.	WMB4024(M	55988	5.83	228026	6.83	149533	8.26	269913	9.72	306788	12.76	300530	14.37
10M02426.	WMB4024	54937	5.82	215904	6.84	132724	8.26	231869	9.72	249956	12.76	279423	14.37
10M02427.	AC42148-005	60419	5.82	235629	6.83	152107	8.26	278682	9.72	298454	12.76	312541	14.37
10M02428.	AC42148-006	61671	5.83	250282	6.84	155099	8.26	283657	9.72	345378	12.76	377997	14.37
10M02429.	AC42148-009	56715	5.82	224189	6.84	148295	8.26	284942	9.72	351936	12.76	382787	14.37
10M02430.	AC42148-011	55494	5.83	220752	6.84	140971	8.26	256686	9.72	281017	12.76	297807	14.37
10M02432.	AC42140-001	58993	5.83	223478	6.84	139126	8.26	244064	9.72	264234	12.76	273827	14.37
10M02433.	AC42140-001	56177	5.83	217008	6.83	139803	8.26	249002	9.72	271888	12.76	273613	14.37
10M02434.	AC42148-010	56512	5.83	224363	6.83	151478	8.26	281192	9.72	314453	12.76	315142	14.37
10M02435.	AC42148-008	66038	5.83	251434	6.84	161693	8.26	302904	9.72	351419	12.76	355987	14.37
10M02436.	AC42169-003	53844	5.82	210386	6.84	130790	8.26	240097	9.72	261114	12.76	281854	14.37
10M02437.	AC42169-007	57443	5.83	227110	6.84	147798	8.26	267614	9.72	295426	12.76	308640	14.37
10M02438.	AC42157-015	50540	5.82	208202	6.84	134635	8.26	245204	9.72	270520	12.76	281313	14.37

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10
I2 =	Naphthalene-d8	I5 =	Chrysene-d12
I3 =	Acenaphthene-d10	I6 =	Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

GC/MS Semi-Volatile Data
Sample Data

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42169-001
Client Id: WB-1
Data File: 9M15923.D
Analysis Date: 01/16/09 19:17
Date Rec/Extracted: 01/14/09-01/15/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 66

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.10	U	191-24-2	Benzo[g,h,i]perylene	0.10	U
122-66-7	1,2-Diphenylhydrazine	0.10	U	207-08-9	Benzo[k]fluoranthene	0.10	U
95-95-4	2,4,5-Trichlorophenol	0.10	U	65-85-0	Benzoic Acid	0.51	U
88-06-2	2,4,6-Trichlorophenol	0.10	U	111-91-1	bis(2-Chloroethoxy)methan	0.10	U
120-83-2	2,4-Dichlorophenol	0.10	U	111-44-4	bis(2-Chloroethyl)ether	0.10	U
105-67-9	2,4-Dimethylphenol	0.10	U	108-60-1	bis(2-chloroisopropyl)ether	0.10	U
51-28-5	2,4-Dinitrophenol	0.51	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.10	U
121-14-2	2,4-Dinitrotoluene	0.10	U	85-68-7	Butylbenzylphthalate	0.10	U
606-20-2	2,6-Dinitrotoluene	0.10	U	86-74-8	Carbazole	0.10	U
91-58-7	2-Chloronaphthalene	0.10	U	218-01-9	Chrysene	0.10	U
95-57-8	2-Chlorophenol	0.10	U	53-70-3	Dibenzo[a,h]anthracene	0.10	U
91-57-6	2-Methylnaphthalene	0.10	U	132-64-9	Dibenzofuran	0.10	U
95-48-7	2-Methylphenol	0.10	U	84-66-2	Diethylphthalate	0.10	U
88-74-4	2-Nitroaniline	0.10	U	131-11-3	Dimethylphthalate	0.10	U
88-75-5	2-Nitrophenol	0.10	U	84-74-2	Di-n-butylphthalate	0.10	U
106-44-5	3&4-Methylphenol	0.10	U	117-84-0	Di-n-octylphthalate	0.10	U
91-94-1	3,3'-Dichlorobenzidine	0.10	U	206-44-0	Fluoranthene	0.10	U
99-09-2	3-Nitroaniline	0.10	U	86-73-7	Fluorene	0.10	U
534-52-1	4,6-Dinitro-2-methylphenol	0.51	U	118-74-1	Hexachlorobenzene	0.10	U
101-55-3	4-Bromophenyl-phenylether	0.10	U	87-68-3	Hexachlorobutadiene	0.10	U
59-50-7	4-Chloro-3-methylphenol	0.10	U	77-47-4	Hexachlorocyclopentadiene	0.10	U
106-47-8	4-Chloroaniline	0.10	U	67-72-1	Hexachloroethane	0.10	U
7005-72-3	4-Chlorophenyl-phenylether	0.10	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.10	U
100-01-6	4-Nitroaniline	0.10	U	78-59-1	Isophorone	0.10	U
100-02-7	4-Nitrophenol	0.10	U	91-20-3	Naphthalene	0.10	U
83-32-9	Acenaphthene	0.10	U	98-95-3	Nitrobenzene	0.10	U
208-96-8	Acenaphthylene	0.10	U	62-75-9	N-Nitrosodimethylamine	0.10	U
62-53-3	Aniline	0.10	U	621-64-7	N-Nitroso-di-n-propylamine	0.10	U
120-12-7	Anthracene	0.10	U	86-30-6	n-Nitrosodiphenylamine	0.10	U
92-87-5	Benzidine	0.51	U	87-86-5	Pentachlorophenol	1.0	U
56-55-3	Benzo[a]anthracene	0.10	U	85-01-8	Phenanthrene	0.10	U
50-32-8	**Benzo[a]pyrene**	**0.10**	**0.42**	108-95-2	Phenol	0.10	U
205-99-2	Benzo[b]fluoranthene	0.10	U	129-00-0	Pyrene	0.10	U

Worksheet #: 107161

Total Target Concentration 0.42

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

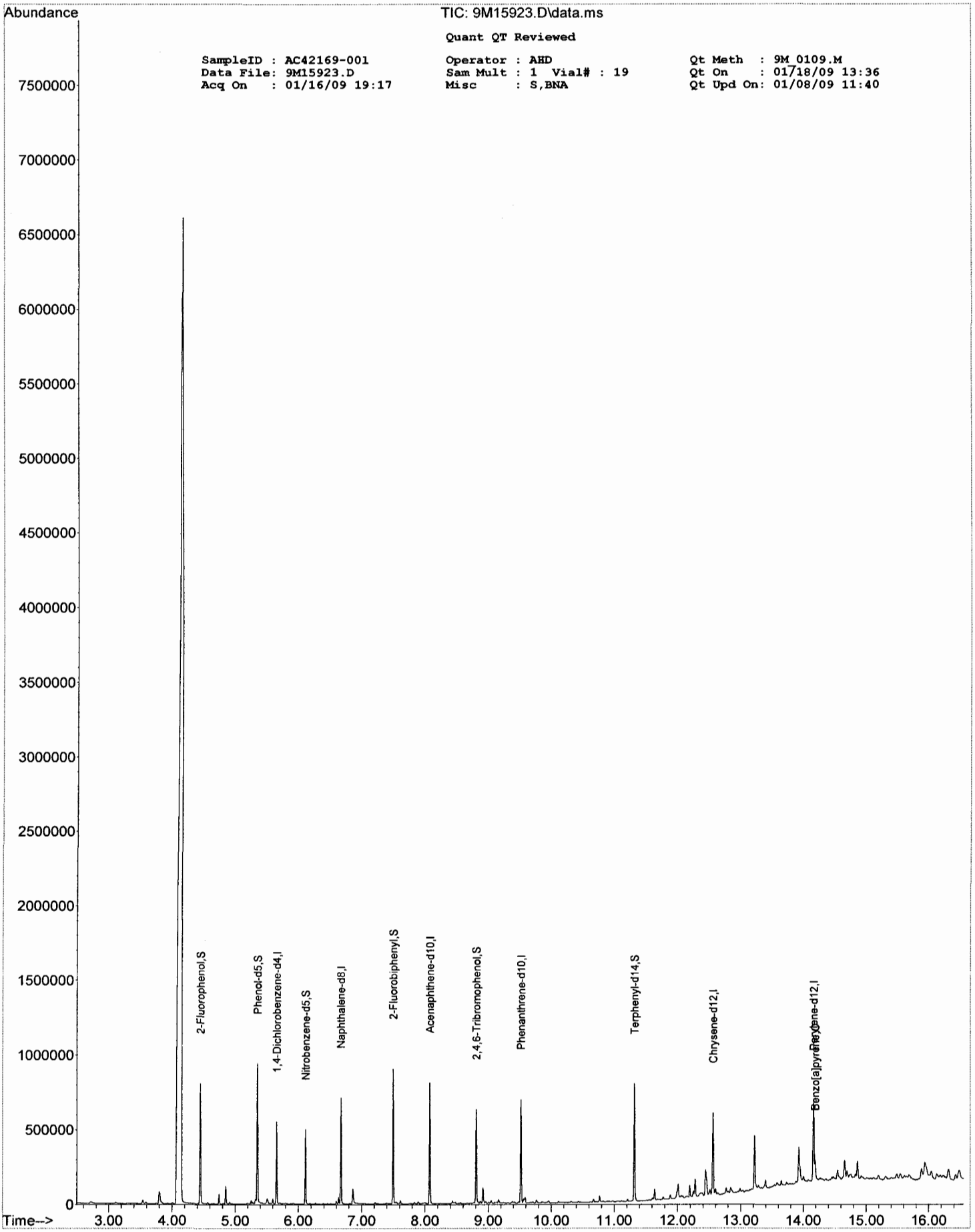
Quantitation Report (QT Reviewed)

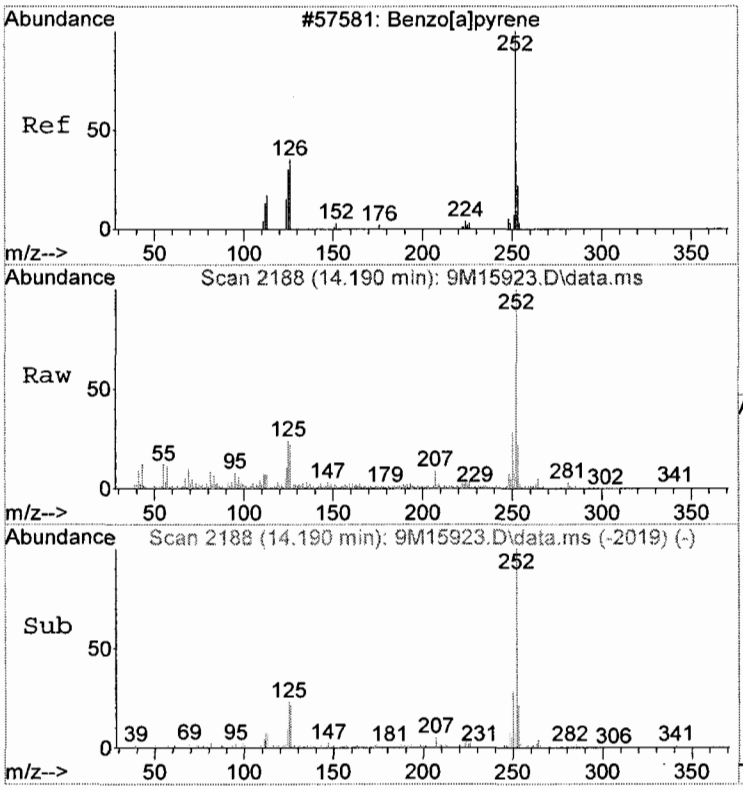
SampleID : AC42169-001 Operator : AHD Qt Meth : 9M_0109.M
Data File: 9M15923.D Sam Mult : 1 Vial# : 19 Qt On : 01/18/09 13:36
Acq On : 01/16/09 19:17 Misc : S,BNA Qt Upd On: 01/08/09 11:40

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.659	152	66676	40.00	ng	-0.07
23) Naphthalene-d8	6.670	136	267823	40.00	ng	-0.07
41) Acenaphthene-d10	8.076	164	146131	40.00	ng	-0.09
67) Phenanthrene-d10	9.520	188	223678	40.00	ng	-0.10
81) Chrysene-d12	12.558	240	196663	40.00	ng	-0.11
96) Perylene-d12	14.163	264	195033	40.00	ng	-0.11
System Monitoring Compounds						
4) 2-Fluorophenol	4.445	112	189905	86.47	ng	-0.07
Spiked Amount 100.000			Recovery = 86.47%			
9) Phenol-d5	5.354	99	276544	86.94	ng	-0.06
Spiked Amount 100.000			Recovery = 86.94%			
24) Nitrobenzene-d5	6.113	128	50848	41.56	ng	-0.07
Spiked Amount 50.000			Recovery = 83.12%			
46) 2-Fluorobiphenyl	7.499	172	222450	44.43	ng	-0.08
Spiked Amount 50.000			Recovery = 88.86%			
70) 2,4,6-Tribromophenol	8.809	330	55288	97.66	ng	-0.09
Spiked Amount 100.000			Recovery = 97.66%			
84) Terphenyl-d14	11.318	244	254141	49.89	ng	-0.10
Spiked Amount 50.000			Recovery = 99.78%			
Target Compounds						Qvalue
100) Benzo[a]pyrene	14.190	252	53895	8.40	ng	97

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

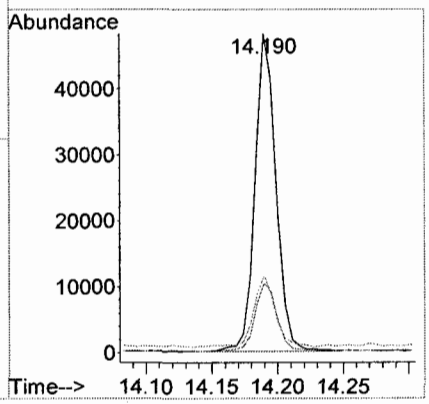

Abundance
TIC: 9M15923.D\data.ms
Quant QT Reviewed
SampleID : AC42169-001
Data File: 9M15923.D
Acq On : 01/16/09 19:17
Operator : AHD
Sam Mult : 1 Vial# : 19
Misc : S,BNA
Qt Meth : 9M_0109.M
Qt On : 01/18/09 13:36
Qt Upd On: 01/08/09 11:40
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Benzo[a]pyrene-d12,I



#100
Benzo[a]pyrene
Concen: 8.40 ng
RT: 14.190 min Scan# 2188
Delta R.T. -0.021 min
Lab File: 9M15923.D
Acq: 16 Jan 2009 19:17

Tgt Ion:252 Resp: 53895

Ion	Ratio	Lower	Upper
252	100		
253	21.3	0.0	62.4
125	22.5	0.0	60.9



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42169-003
Client Id: WB-1GW
Data File: 10M02436.D
Analysis Date: 01/16/09 19:06
Date Rec/Extracted: 01/14/09-01/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 107161

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

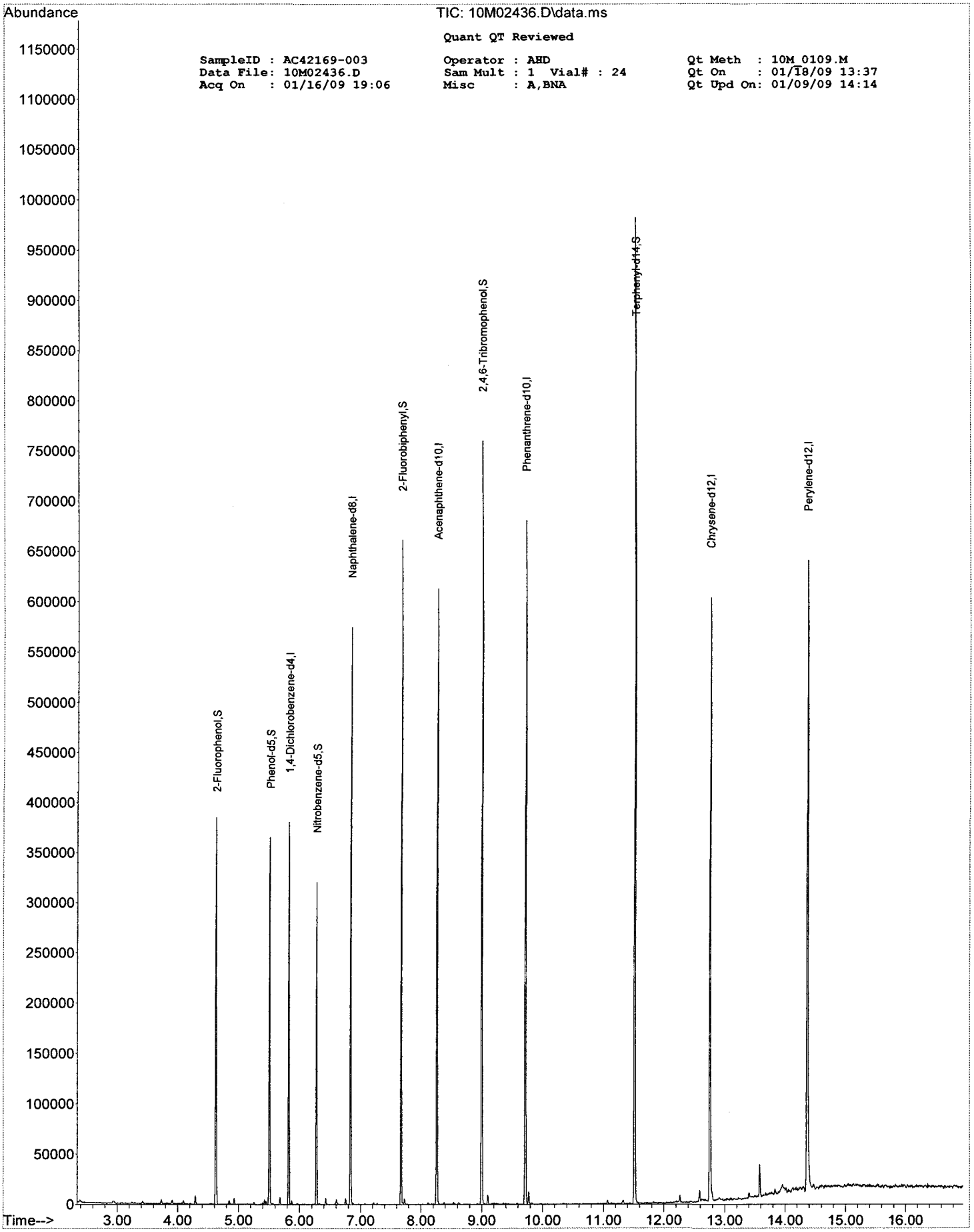
Quantitation Report (QT Reviewed)

SampleID : AC42169-003 Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02436.D Sam Mult : 1 Vial# : 24 Qt On : 01/18/09 13:37
Acq On : 01/16/09 19:06 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.824	152	53844	40.00	ng	-0.04
23) Naphthalene-d8	6.835	136	210386	40.00	ng	-0.03
41) Acenaphthene-d10	8.263	164	130790	40.00	ng	-0.03
67) Phenanthrene-d10	9.718	188	240097	40.00	ng	-0.03
81) Chrysene-d12	12.756	240	261114	40.00	ng	-0.04
96) Perylene-d12	14.366	264	281854	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	4.626	112	97405	63.05	ng	-0.03
Spiked Amount 100.000			Recovery = 63.05%			
9) Phenol-d5	5.509	99	105908	49.77	ng	-0.03
Spiked Amount 100.000			Recovery = 49.77%			
24) Nitrobenzene-d5	6.273	128	39742	43.89	ng	-0.03
Spiked Amount 50.000			Recovery = 87.78%			
46) 2-Fluorobiphenyl	7.675	172	201103	41.69	ng	-0.03
Spiked Amount 50.000			Recovery = 83.38%			
70) 2,4,6-Tribromophenol	8.996	330	99088	98.00	ng	-0.03
Spiked Amount 100.000			Recovery = 98.00%			
84) Terphenyl-d14	11.520	244	394448	52.40	ng	-0.03
Spiked Amount 50.000			Recovery = 104.80%			
Target Compounds						Qvalue

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


Abundance
TIC: 10M02436.D\data.ms
Quant QT Reviewed
SampleID : AC42169-003
Data File: 10M02436.D
Acq On : 01/16/09 19:06
Operator : AHD
Sam Mult : 1 Vial# : 24
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/18/09 13:37
Qt Upd On: 01/09/09 14:14
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42169-005
Client Id: MW-5
Data File: 9M15924.D
Analysis Date: 01/16/09 19:40
Date Rec/Extracted: 01/14/09-01/15/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 68

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.098	U	191-24-2	Benzo[g,h,i]perylene	0.098	U
122-66-7	1,2-Diphenylhydrazine	0.098	U	207-08-9	Benzo[k]fluoranthene	0.098	U
95-95-4	2,4,5-Trichlorophenol	0.098	U	65-85-0	Benzoic Acid	0.49	U
88-06-2	2,4,6-Trichlorophenol	0.098	U	111-91-1	bis(2-Chloroethoxy)methan	0.098	U
120-83-2	2,4-Dichlorophenol	0.098	U	111-44-4	bis(2-Chloroethyl)ether	0.098	U
105-67-9	2,4-Dimethylphenol	0.098	U	108-60-1	bis(2-chloroisopropyl)ether	0.098	U
51-28-5	2,4-Dinitrophenol	0.49	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.098	U
121-14-2	2,4-Dinitrotoluene	0.098	U	85-68-7	Butylbenzylphthalate	0.098	U
606-20-2	2,6-Dinitrotoluene	0.098	U	86-74-8	Carbazole	0.098	U
91-58-7	2-Chloronaphthalene	0.098	U	218-01-9	Chrysene	0.098	U
95-57-8	2-Chlorophenol	0.098	U	53-70-3	Dibenzo[a,h]anthracene	0.098	U
91-57-6	2-Methylnaphthalene	0.098	U	132-64-9	Dibenzofuran	0.098	U
95-48-7	2-Methylphenol	0.098	U	84-66-2	Diethylphthalate	0.098	U
88-74-4	2-Nitroaniline	0.098	U	131-11-3	Dimethylphthalate	0.098	U
88-75-5	2-Nitrophenol	0.098	U	84-74-2	Di-n-butylphthalate	0.098	U
106-44-5	3&4-Methylphenol	0.098	U	117-84-0	Di-n-octylphthalate	0.098	U
91-94-1	3,3'-Dichlorobenzidine	0.098	U	206-44-0	Fluoranthene	0.098	U
99-09-2	3-Nitroaniline	0.098	U	86-73-7	Fluorene	0.098	U
534-52-1	4,6-Dinitro-2-methylphenol	0.49	U	118-74-1	Hexachlorobenzene	0.098	U
101-55-3	4-Bromophenyl-phenylether	0.098	U	87-68-3	Hexachlorobutadiene	0.098	U
59-50-7	4-Chloro-3-methylphenol	0.098	U	77-47-4	Hexachlorocyclopentadiene	0.098	U
106-47-8	4-Chloroaniline	0.098	U	67-72-1	Hexachloroethane	0.098	U
7005-72-3	4-Chlorophenyl-phenylether	0.098	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.098	U
100-01-6	4-Nitroaniline	0.098	U	78-59-1	Isophorone	0.098	U
100-02-7	4-Nitrophenol	0.098	U	91-20-3	Naphthalene	0.098	U
83-32-9	Acenaphthene	0.098	U	98-95-3	Nitrobenzene	0.098	U
208-96-8	Acenaphthylene	0.098	U	62-75-9	N-Nitrosodimethylamine	0.098	U
62-53-3	Aniline	0.098	U	621-64-7	N-Nitroso-di-n-propylamine	0.098	U
120-12-7	Anthracene	0.098	U	86-30-6	n-Nitrosodiphenylamine	0.098	U
92-87-5	Benzidine	0.49	U	87-86-5	Pentachlorophenol	0.98	U
56-55-3	Benzo[a]anthracene	0.098	U	85-01-8	Phenanthrene	0.098	U
50-32-8	Benzo[a]pyrene	0.098	U	108-95-2	Phenol	0.098	U
205-99-2	Benzo[b]fluoranthene	0.098	U	129-00-0	Pyrene	0.098	U

Worksheet #: 107161

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

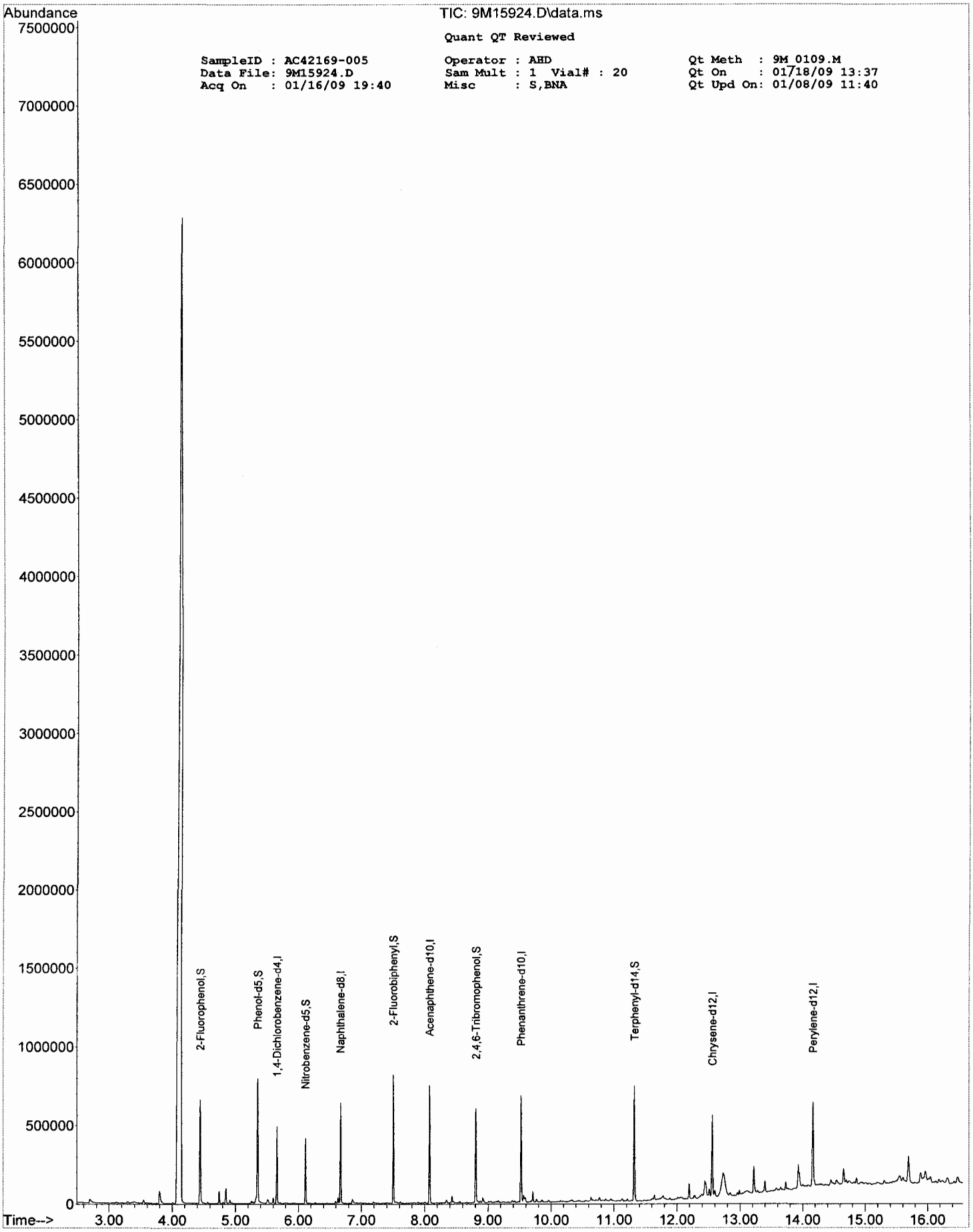
SampleID : AC42169-005 Operator : AHD Qt Meth : 9M_0109.M
Data File: 9M15924.D Sam Mult : 1 Vial# : 20 Qt On : 01/18/09 13:37
Acq On : 01/16/09 19:40 Misc : S,BNA Qt Upd On: 01/08/09 11:40

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.658	152	59401	40.00	ng	-0.07
23) Naphthalene-d8	6.669	136	241628	40.00	ng	-0.07
41) Acenaphthene-d10	8.076	164	137303	40.00	ng	-0.09
67) Phenanthrene-d10	9.520	188	218811	40.00	ng	-0.10
81) Chrysene-d12	12.558	240	188974	40.00	ng	-0.11
96) Perylene-d12	14.163	264	186514	40.00	ng	-0.11
System Monitoring Compounds						
4) 2-Fluorophenol	4.444	112	156350	79.91	ng	-0.08
Spiked Amount 100.000			Recovery = 79.91%			
9) Phenol-d5	5.354	99	234205	82.65	ng	-0.06
Spiked Amount 100.000			Recovery = 82.65%			
24) Nitrobenzene-d5	6.113	128	43022	38.98	ng	-0.07
Spiked Amount 50.000			Recovery = 77.96%			
46) 2-Fluorobiphenyl	7.498	172	199732	42.46	ng	-0.08
Spiked Amount 50.000			Recovery = 84.92%			
70) 2,4,6-Tribromophenol	8.809	330	51403	92.82	ng	-0.09
Spiked Amount 100.000			Recovery = 92.82%			
84) Terphenyl-d14	11.323	244	240873	49.21	ng	-0.10
Spiked Amount 50.000			Recovery = 98.42%			
Target Compounds						Qvalue

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

R


Abundance
TIC: 9M15924.D\data.ms
Quant QT Reviewed
SampleID : AC42169-005
Data File: 9M15924.D
Acq On : 01/16/09 19:40
Operator : AHD
Sam Mult : 1 Vial# : 20
Misc : S,BNA
Qt Meth : 9M_0109.M
Qt On : 01/18/09 13:37
Qt Upd On: 01/08/09 11:40
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42169-007
Client Id: FB
Data File: 10M02437.D
Analysis Date: 01/16/09 19:29
Date Rec/Extracted: 01/14/09-01/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

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

Units: ug/L

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

Worksheet #: 107161

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

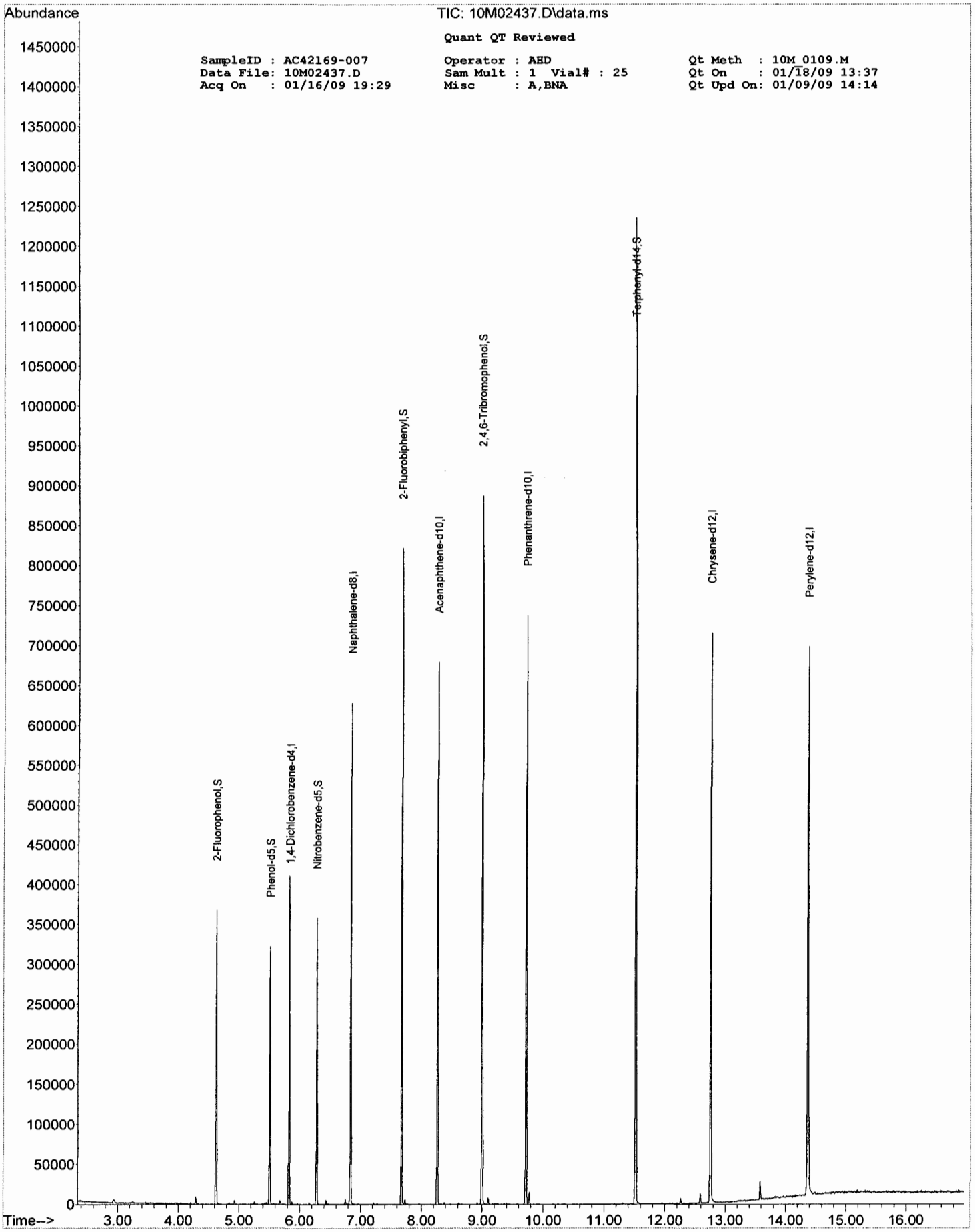
Quantitation Report (QT Reviewed)

SampleID : AC42169-007 Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02437.D Sam Mult : 1 Vial# : 25 Qt On : 01/18/09 13:37
Acq On : 01/16/09 19:29 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.830	152	57443	40.00	ng	-0.03
23) Naphthalene-d8	6.835	136	227110	40.00	ng	-0.03
41) Acenaphthene-d10	8.263	164	147798	40.00	ng	-0.03
67) Phenanthrene-d10	9.718	188	267614	40.00	ng	-0.03
81) Chrysene-d12	12.756	240	295426	40.00	ng	-0.04
96) Perylene-d12	14.366	264	308640	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	4.621	112	94950	57.61	ng	-0.04
Spiked Amount 100.000			Recovery = 57.61%			
9) Phenol-d5	5.509	99	93747	41.29	ng	-0.03
Spiked Amount 100.000			Recovery = 41.29%			
24) Nitrobenzene-d5	6.273	128	42157	43.13	ng	-0.03
Spiked Amount 50.000			Recovery = 86.26%			
46) 2-Fluorobiphenyl	7.675	172	236647	43.41	ng	-0.03
Spiked Amount 50.000			Recovery = 86.82%			
70) 2,4,6-Tribromophenol	8.996	330	112093	99.46	ng	-0.03
Spiked Amount 100.000			Recovery = 99.46%			
84) Terphenyl-d14	11.515	244	464839	54.58	ng	-0.04
Spiked Amount 50.000			Recovery = 109.16%			
Target Compounds						Qvalue

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


Abundance
TIC: 10M02437.D\data.ms
Quant QT Reviewed
SampleID : AC42169-007
Data File: 10M02437.D
Acq On : 01/16/09 19:29
Operator : AHD
Sam Mult : 1 Vial# : 25
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/18/09 13:37
Qt Upd On: 01/09/09 14:14
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

GC/MS Semi-Volatile Data
Standards Data

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M15721.	CAL BNA@50PPM	01/07/09 14:20	2	9M15724.	CAL BNA@2PPM	01/07/09 15:28
3	9M15723.	CAL BNA@10PPM	01/07/09 15:05	4	9M15722.	CAL BNA@20PPM	01/07/09 14:43
5	9M15720.	CAL BNA@80PPM	01/07/09 13:58	6	9M15719.	CAL BNA@120PPM	01/07/09 13:35
7	9M15718.	CAL BNA@160PPM	01/07/09 13:13	8	9M15717.	CAL BNA@196PPM	01/07/09 12:46

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.6414	1.4457	1.4737	1.5775	1.5240	1.5162	1.5109	1.4979	-----	1.52	2.98	1.00	1.00	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	1.0037	0.8719	0.9659	0.9246	0.9541	0.9292	0.9095	0.9272	-----	0.936	2.86	0.999	0.999	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.3654	1.1826	1.2767	1.2730	1.3550	1.3788	1.3556	1.3528	-----	1.32	4.52	1.00	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Avg	1.2638	1.2958	1.3250	1.2868	1.1594	1.0620	1.0132	1.0141	-----	1.18	5.35	0.996	0.998	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	Qua	2.0326	1.2713	1.4139	1.5255	2.0664	2.0590	2.0155	2.0094	-----	1.80	5.45	0.999	1.00	19		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.4857	0.5032	0.4882	0.4699	0.4473	0.4481	0.4382	0.4262	-----	0.463	5.49	0.999	1.00	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.4198	1.5839	1.4870	1.4378	1.3114	1.3139	1.2719	1.2577	-----	1.39	5.51	0.999	1.00	8.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.9947	1.9640	1.9570	1.8613	1.8979	1.9231	1.8433	1.8241	-----	1.91	5.42	0.999	1.00	3.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	2.2098	2.1365	2.1570	2.0189	2.0358	2.0681	2.0159	1.9783	-----	2.08	5.43	0.999	1.00	3.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.5589	1.4955	1.5055	1.4959	1.4782	1.5112	1.4745	1.4461	-----	1.50	5.55	0.999	1.00	2.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.6358	1.8098	1.8276	1.6345	1.5172	1.5008	1.4038	1.3692	-----	1.59	5.60	0.997	1.00	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,3-Dichlorobenzene	1	0	Avg	1.6130	1.7559	1.7244	1.5857	1.5596	1.5629	1.5321	1.5057	-----	1.60	5.69	1.00	1.00	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dichlorobenzene	1	0	Avg	1.6758	1.7610	1.7091	1.6158	1.6222	1.6325	1.5641	1.5504	-----	1.64	5.75	0.999	1.00	4.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Dichlorobenzene	1	0	Avg	1.6034	1.6419	1.6482	1.5290	1.5178	1.5241	1.4972	1.4554	-----	1.55	5.87	0.999	1.00	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	1.0598	0.9783	1.0582	0.9872	1.0112	1.0177	0.9966	0.9836	-----	1.01	5.85	0.999	1.00	3.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)e	1	0	Avg	2.3630	2.7637	2.5946	2.4753	2.2013	2.1190	2.0179	1.9642	-----	2.31	5.96	0.997	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.4907	1.4942	1.4498	1.4291	1.4033	1.4019	1.3651	1.3395	-----	1.42	5.94	0.999	1.00	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	2.1846	2.2920	2.2332	2.1472	2.0163	1.9328	1.8798	1.8330	-----	2.06	6.07	0.998	1.00	8.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.6418	0.6403	0.6474	0.6006	0.6030	0.5992	0.5917	0.5760	-----	0.613	6.15	0.999	1.00	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	1.2446	1.3082	1.3040	1.2481	1.1360	1.0913	1.0574	1.0246	-----	1.18	6.07	0.997	1.00	9.6	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.5647	1.4468	1.5610	1.4850	1.4405	1.4016	1.3658	1.3237	-----	1.45	6.07	0.998	1.00	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1849	0.1824	0.1897	0.1724	0.1862	0.1849	0.1788	0.1820	-----	0.183	6.19	1.00	1.00	2.9		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.4190	0.4496	0.4587	0.4284	0.4059	0.4028	0.3851	0.3843	-----	0.417	6.20	0.999	1.00	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.7776	0.8182	0.8295	0.7982	0.7622	0.7537	0.7267	0.7307	-----	0.775	6.39	0.999	1.00	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.2014	0.1526	0.1844	0.1888	0.2008	0.2029	0.1977	0.2006	-----	0.191	6.45	1.00	1.00	8.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dimethylphenol	1	0	Avg	0.3910	0.3868	0.4143	0.3959	0.3870	0.3899	0.3724	0.3714	-----	0.389	6.48	0.999	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.1318	-----	0.0323	0.0655	0.1611	0.1981	0.2010	0.2193	-----	0.144	6.74	0.989	0.998	50		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)me	1	0	Avg	0.4190	0.4575	0.4668	0.4304	0.4129	0.4045	0.3875	0.3936	-----	0.422	6.55	0.999	1.00	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dichlorophenol	1	0	Avg	0.3153	0.2725	0.3083	0.3092	0.3159	0.3221	0.3115	0.3131	-----	0.309	6.64	1.00	1.00	4.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3391	0.3547	0.3661	0.3384	0.3383	0.3392	0.3323	0.3299	-----	0.342	6.70	1.00	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0939	1.2156	1.1804	1.1261	1.0760	1.0801	1.0341	1.0284	-----	1.10	6.76	0.999	1.00	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.3500	0.2739	0.2826	0.2984	0.3433	0.3084	0.2497	0.2174	-----	0.291	6.80	0.937	0.997	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.1915	0.1993	0.2049	0.1899	0.1953	0.1932	0.1903	0.1916	-----	0.195	6.85	1.00	1.00	2.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1239	0.0916	0.1205	0.1160	0.1269	0.1262	0.1207	0.1241	-----	0.119	7.04	0.999	0.999	9.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3619	0.3239	0.3661	0.3461	0.3540	0.3499	0.3327	0.3489	-----	0.348	7.16	0.999	0.999	4.0	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7751	0.8561	0.8156	0.7683	0.7600	0.7506	0.7104	0.7118	-----	0.769	7.30	0.999	1.00	6.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7751	0.8561	0.8156	0.7683	0.7600	0.7506	0.7104	0.7118	-----	0.769	7.30	0.999	1.00	6.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,1'-Biphenyl	1	0	Avg	0.9341	1.0051	0.9643	0.9502	0.9183	0.9102	0.8707	0.8988	-----	0.932	7.66	0.999	0.999	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4,5-Tetrachloroben	1	0	Avg	0.6190	0.6367	0.6072	0.5903	0.5947	0.5941	0.5803	0.5809	-----	0.600	7.42	1.00	1.00	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.3195	0.1448	0.2264	0.2650	0.3265	0.3430	0.3460	0.3552	-----	0.291	7.41	0.999	1.00	25	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3879	0.3104	0.3502	0.3658	0.3808	0.3911	0.3801	0.3871	-----	0.369	7.51	0.999	1.00	7.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.05
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M15721.	CAL BNA@50PPM	01/07/09 14:20	2	9M15724.	CAL BNA@2PPM	01/07/09 15:28
3	9M15723.	CAL BNA@10PPM	01/07/09 15:05	4	9M15722.	CAL BNA@20PPM	01/07/09 14:43
5	9M15720.	CAL BNA@80PPM	01/07/09 13:58	6	9M15719.	CAL BNA@120PPM	01/07/09 13:35
7	9M15718.	CAL BNA@160PPM	01/07/09 13:13	8	9M15717.	CAL BNA@196PPM	01/07/09 12:46

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.4242	0.3110	0.4019	0.3877	0.4171	0.4242	0.4154	0.4294	-----	0.401	7.54	1.00	1.00	9.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.4084	1.3869	1.4269	1.3882	1.3448	1.3559	1.3222	1.3291	-----	1.37	7.58	0.999	1.00	2.8		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.2305	1.2815	1.2185	1.1953	1.1519	1.1710	1.1395	1.1496	-----	1.19	7.69	1.00	1.00	4.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthalei	1	0	Avg	0.9846	0.9734	1.0135	0.9484	0.9313	0.9204	0.8894	0.9011	-----	0.945	7.96	0.999	1.00	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	0.9846	0.9734	1.0135	0.9484	0.9313	0.9204	0.8894	0.9011	-----	0.945	7.96	0.999	1.00	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.8722	0.9083	0.8833	0.8432	0.8404	0.8290	0.8146	0.8291	-----	0.853	7.75	1.00	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.5258	0.4657	0.5347	0.4899	0.4854	0.4718	0.4567	0.4654	-----	0.487	7.76	0.999	0.999	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	2.0464	2.0643	2.0932	1.9804	1.9633	1.9406	1.8439	1.8823	-----	1.98	8.04	0.999	0.999	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.4912	1.4139	1.4747	1.3871	1.3896	1.3957	1.3722	1.3912	-----	1.41	7.90	1.00	1.00	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.3427	0.2893	0.3450	0.3292	0.3272	0.3264	0.3163	0.3258	-----	0.325	7.96	0.999	0.999	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.2857	1.3549	1.3104	1.2428	1.2168	1.2283	1.1646	1.1724	-----	1.25	8.19	0.999	1.00	5.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3254	0.2632	0.3154	0.3091	0.3123	0.2968	0.2633	0.2666	-----	0.294	8.11	0.992	0.998	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	Qua	0.1280	-----	0.0475	0.0785	0.1424	0.1625	0.1660	0.1795	-----	0.129	8.20	0.996	0.999	38	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.8483	1.8609	1.8656	1.7481	1.7129	1.7554	1.6851	1.6969	-----	1.77	8.34	0.999	1.00	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.4747	0.3377	0.4201	0.4420	0.4418	0.4628	0.4554	0.4570	-----	0.436	8.32	1.00	1.00	9.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	Avg	0.2859	0.1723	0.2485	0.2603	0.2766	0.2746	0.2731	0.2841	-----	0.259	8.24	0.999	0.999	14	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.3612	0.2357	0.2912	0.3285	0.3539	0.3783	0.3608	0.3741	-----	0.336	8.45	0.999	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.5313	1.5213	1.5381	1.4482	1.4314	1.4315	1.3858	1.3897	-----	1.46	8.66	0.999	1.00	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.7108	0.6917	0.7019	0.6620	0.6866	0.6907	0.6884	0.6882	-----	0.690	8.66	1.00	1.00	2.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.4769	1.4226	1.4449	1.3964	1.3759	1.3884	1.3721	1.3733	-----	1.41	8.53	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.4081	0.3323	0.4034	0.3747	0.3971	0.4002	0.3986	0.4194	-----	0.392	8.67	0.999	0.999	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4363	0.3237	0.3933	0.3858	0.4154	0.4205	0.4056	0.4288	-----	0.401	9.30	0.999	0.999	8.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Qua	0.1289	-----	0.0727	0.0948	0.1400	0.1471	0.1506	0.1550	-----	0.127	8.70	0.999	1.00	25		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.7779	0.7561	0.7922	0.7418	0.7482	0.7478	0.7250	0.7173	-----	0.751	8.77	0.999	1.00	3.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Tribromophenol	1	0	Avg	0.1014	-----	0.0849	0.0863	0.1044	0.1095	0.1103	0.1116	-----	0.101	8.90	1.00	1.00	11		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	0.9536	1.0380	1.0751	0.9598	0.9000	0.8767	0.8468	0.8356	-----	0.936	8.81	0.999	1.00	9.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.2513	0.2355	0.2460	0.2283	0.2417	0.2508	0.2506	0.2490	-----	0.244	9.14	1.00	1.00	3.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.2517	0.2413	0.2528	0.2304	0.2486	0.2598	0.2599	0.2552	-----	0.250	9.20	0.999	0.999	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.6263	0.6036	0.6791	0.6255	0.5749	0.5362	0.5176	0.5085	-----	0.584	9.48	0.997	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.1142	-----	-----	0.0753	0.1303	0.1412	0.1463	0.1498	-----	0.126	9.41	0.999	1.00	22	*(30)	50.00			20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.3096	1.4576	1.4057	1.2782	1.2746	1.2568	1.2398	1.2040	-----	1.30	9.64	0.999	1.00	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.3596	1.3623	1.3924	1.3075	1.2735	1.2959	1.2532	1.2313	-----	1.31	9.70	0.999	1.00	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.3265	1.2453	1.3587	1.2827	1.2728	1.2435	1.2552	1.2235	-----	1.28	9.86	0.999	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.5057	1.3071	1.5340	1.4604	1.4778	1.4525	1.4513	1.4262	-----	1.45	10.25	1.00	1.00	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.4827	1.4060	1.4850	1.3922	1.4387	1.4167	1.4189	1.4136	-----	1.43	10.97	1.00	1.00	2.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.6409	1.5226	1.5793	1.5135	1.5176	1.5288	1.4284	1.4494	-----	1.52	11.23	0.998	0.999	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.4559	0.1440	0.2264	0.3209	0.4474	0.4146	0.3772	0.3858	-----	0.347	11.12	0.992	0.997	32		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Terphenyl-d14	1	0	Avg	1.0995	0.9682	1.0313	0.9923	1.0488	1.0399	1.0293	1.0785	-----	1.04	11.42	0.999	0.999	4.1		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
o.p'-DDE	1	0	Avg	0.3150	0.3062	0.3121	0.2943	0.3088	0.3065	0.3045	0.3081	-----	0.307	11.35	1.00	1.00	2.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0877	0.0842	0.0907	0.0807	0.0826	0.0783	0.0728	0.0747	-----	0.0815	11.68	0.996	0.998	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
o.p'-DDD	1	0	Avg	0.5693	0.4944	0.5451	0.5179	0.5564	0.5521	0.5346	0.5516	-----	0.540	11.75	0.999	0.999	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.05
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M15721.	CAL BNA@50PPM	01/07/09 14:20	2	9M15724.	CAL BNA@2PPM	01/07/09 15:28
3	9M15723.	CAL BNA@10PPM	01/07/09 15:05	4	9M15722.	CAL BNA@20PPM	01/07/09 14:43
5	9M15720.	CAL BNA@80PPM	01/07/09 13:58	6	9M15719.	CAL BNA@120PPM	01/07/09 13:35
7	9M15718.	CAL BNA@160PPM	01/07/09 13:13	8	9M15717.	CAL BNA@196PPM	01/07/09 12:46

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.7086	0.5178	0.6484	0.6560	0.6725	0.6607	0.6613	0.6494	-----	0.647	12.01	0.999	1.00	8.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0537	0.0599	0.0578	0.0516	0.0484	0.0459	0.0422	0.0425	-----	0.0503	11.68	0.994	0.998	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
p,p'-DDT	1	0	Avg	0.5863	0.4273	0.5040	0.5171	0.5586	0.5602	0.5525	0.5539	-----	0.533	12.11	1.00	1.00	9.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0566	0.0443	0.0525	0.0509	0.0550	0.0582	0.0593	0.0605	-----	0.0547	12.59	0.999	1.00	9.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.3051	0.2544	0.2464	0.2134	0.3314	0.3290	0.3033	0.2742	-----	0.282	12.63	0.986	0.996	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.4607	1.4580	1.4574	1.3936	1.4062	1.3983	1.3813	1.3667	-----	1.42	12.65	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.4187	1.4451	1.4112	1.3462	1.3550	1.3356	1.2592	1.2605	-----	1.35	12.69	0.998	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.9438	0.7071	0.8883	0.8876	0.9024	0.8700	0.8281	0.8159	-----	0.855	12.71	0.997	1.00	8.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Qua	1.7319	0.9959	1.3934	1.5154	1.6951	1.6902	1.5809	1.5690	-----	1.52	13.46	0.997	0.999	16	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.5099	1.2730	1.3604	1.3185	1.3927	1.4358	1.4419	1.3602	-----	1.39	13.86	0.998	0.999	5.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.4491	1.3441	1.4170	1.4041	1.4763	1.3775	1.3254	1.3257	-----	1.39	13.89	0.998	0.999	4.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.4317	1.1413	1.2740	1.2711	1.3733	1.3783	1.3444	1.3156	-----	1.32	14.21	0.999	1.00	6.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.5021	1.1785	1.3497	1.3294	1.4666	1.4952	1.4716	1.4608	-----	1.41	15.54	1.00	1.00	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.2331	0.9678	1.0985	1.1156	1.2075	1.2493	1.2397	1.2360	-----	1.17	15.56	1.00	1.00	8.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.2196	1.0731	1.1319	1.1235	1.2060	1.2100	1.1964	1.2017	-----	1.17	15.91	1.00	1.00	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.05
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15721.D Sam Mult : 1 Vial# : 6 Qt On : 01/08/09 11:37
Acq On : 01/ 7/09 14:20 Misc : A,BNA Qt Upd On: 01/08/09 07:05

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.733	152	76704	40.00	ng	0.00
23) Naphthalene-d8	6.744	136	325622	40.00	ng	0.00
41) Acenaphthene-d10	8.162	164	188918	40.00	ng	0.00
67) Phenanthrene-d10	9.617	188	319850	40.00	ng	0.00
81) Chrysene-d12	12.665	240	314198	40.00	ng	0.00
96) Perylene-d12	14.275	264	294925	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.519	112	130915	51.82	ng	0.00
Spiked Amount 100.000			Recovery = 51.82%			
9) Phenol-d5	5.418	99	191256	52.27	ng	0.00
Spiked Amount 100.000			Recovery = 52.27%			
24) Nitrobenzene-d5	6.188	128	37648	25.31	ng	0.00
Spiked Amount 50.000			Recovery = 50.62%			
46) 2-Fluorobiphenyl	7.579	172	166304	25.70	ng	0.00
Spiked Amount 50.000			Recovery = 51.40%			
70) 2,4,6-Tribromophenol	8.900	330	40560	50.10	ng	0.00
Spiked Amount 100.000			Recovery = 50.10%			
84) Terphenyl-d14	11.419	244	215916	26.53	ng	0.00
Spiked Amount 50.000			Recovery = 53.06%			
Target Compounds						Qvalue
2) Pyridine	2.893	79	157379	53.87	ng	84
3) N-Nitrosodimethylamine	2.829	74	96238	53.63	ng	84
5) Benzaldehyde	5.354	77	121177	53.66	ng	85
6) Aniline	5.450	93	194887	49.81	ng	92
7) Pentachloroethane	5.493	117	46578	52.42	ng	80
8) bis(2-Chloroethyl)ether	5.509	93	136137	51.24	ng	90
10) Phenol	5.429	94	211881	53.18	ng	91
11) 2-Chlorophenol	5.552	128	149472	52.11	ng	85
12) N-Decane	5.600	57	156841	51.53	ng	89
13) 1,3-Dichlorobenzene	5.685	146	154662	50.25	ng	95
14) 1,4-Dichlorobenzene	5.750	146	160684	51.05	ng	98
15) 1,2-Dichlorobenzene	5.873	146	153735	51.65	ng	96
16) Benzyl alcohol	5.851	108	101621	52.38	ng	78
17) bis(2-chloroisopropyl)...	5.963	45	226566	51.09	ng	94
18) 2-Methylphenol	5.942	108	142930	52.43	ng	98
19) Acetophenone	6.065	105	209464	52.90	ng	81
20) Hexachloroethane	6.151	117	61538	52.39	ng	76
21) N-Nitroso-di-n-propyla...	6.065	70	119335	52.88	ng	79
22) 3&4-Methylphenol	6.065	108	150031	54.01	ng	94
25) Nitrobenzene	6.204	77	170571	50.28	ng	83
26) Isophorone	6.391	82	316516	50.19	ng	90
27) 2-Nitrophenol	6.450	139	81990	52.68	ng	88
28) 2,4-Dimethylphenol	6.482	107	159171	50.31	ng	96
29) Benzoic Acid	6.584	105	15875	17.86	ng	87
30) bis(2-Chloroethoxy)met...	6.557	93	170574	49.70	ng	96
31) 2,4-Dichlorophenol	6.637	162	128344	51.10	ng	86
32) 1,2,4-Trichlorobenzene	6.702	180	138027	49.53	ng	98
33) Naphthalene	6.760	128	445264	49.53	ng	99
34) 4-Chloroaniline	6.798	127	142483	60.25	ng	99
35) Hexachlorobutadiene	6.851	225	77969	49.23	ng	96
36) Caprolactam	7.076	113	50461	52.19	ng	70
37) 4-Chloro-3-methylphenol	7.162	107	147328	52.01	ng	90
38) 2-Methylnaphthalene	7.295	142	315520	50.43	ng	100
39) Methylnaphthalenes (To...	7.295	142	315520	50.43	ng	100
40) 1,1'-Biphenyl	7.664	154	380236	50.14	ng	95
42) 1,2,4,5-Tetrachloroben...	7.424	216	146190	51.55	ng	97
43) Hexachlorocyclopentadiene	7.413	237	75469	49.96	ng	99
44) 2,4,6-Trichlorophenol	7.515	196	91619	52.54	ng	99
45) 2,4,5-Trichlorophenol	7.547	196	100188	52.85	ng	98
47) 2-Chloronaphthalene	7.686	162	290583	51.60	ng	95
48) 1,4-Dimethylnaphthalene	7.964	156	232514	52.08	ng	94
49) Dimethylnaphthalenes (...	7.964	156	232514	52.08	ng	94
50) Diphenyl Ether	7.750	170	205972	51.15	ng	81
51) 2-Nitroaniline	7.766	65	124176	53.99	ng	69
52) Acenaphthylene	8.044	152	483268	51.76	ng	99
53) Dimethylphthalate	7.910	163	352144	52.71	ng	99
54) 2,6-Dinitrotoluene	7.969	165	80936	52.68	ng	63
55) Acenaphthene	8.194	153	303629	51.55	ng	95
56) 3-Nitroaniline	8.114	138	76861	55.34	ng	81
57) 2,4-Dinitrophenol	8.210	184	30236	49.71	ng	85
58) Dibenzofuran	8.349	168	436485	52.16	ng	86
59) 2,4-Dinitrotoluene	8.322	165	112100	54.38	ng	70

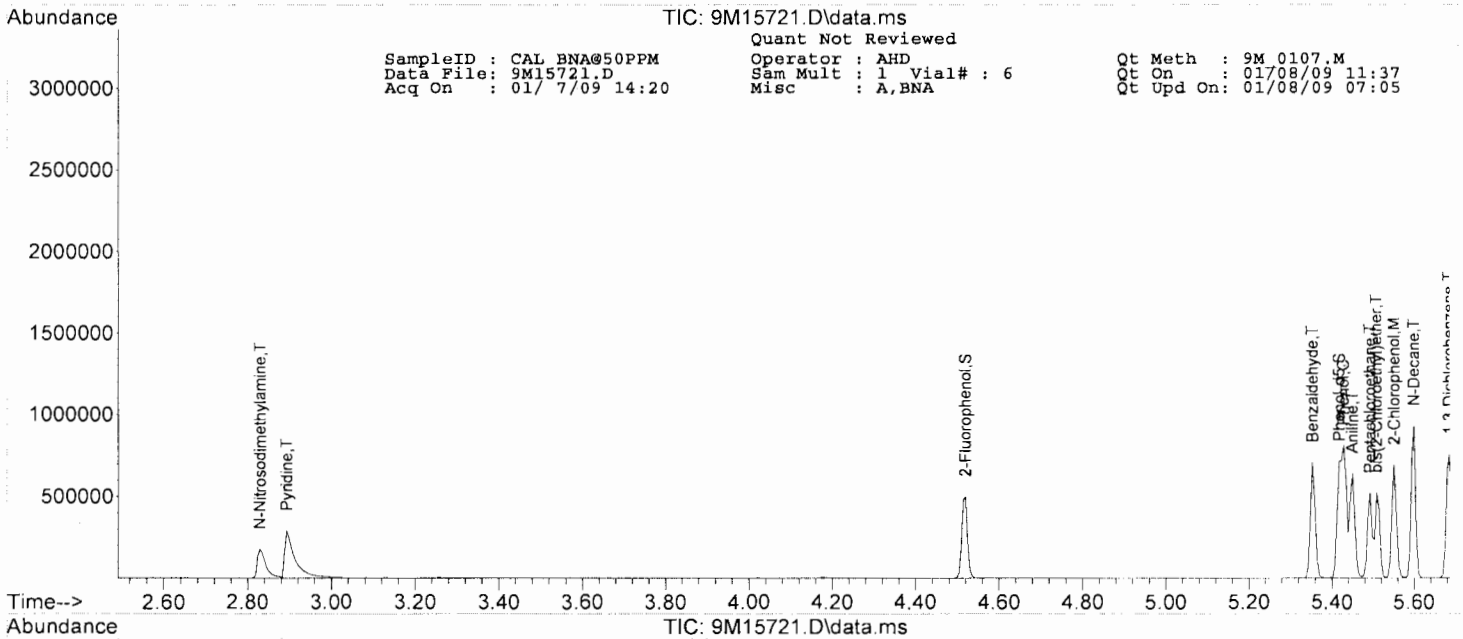
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15721.D Sam Mult : 1 Vial# : 6 Qt On : 01/08/09 11:37
Acq On : 01/ 7/09 14:20 Misc : A,BNA Qt Upd On: 01/08/09 07:05

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60) 4-Nitrophenol	8.247	65	67533	55.11 ng	92
61) 2,3,4,6-Tetrachlorophenol	8.451	232	85311	53.84 ng	87
62) Fluorene	8.670	166	361619	52.45 ng	99
63) 4-Chlorophenyl-phenyle...	8.659	204	167871	51.51 ng	84
64) Diethylphthalate	8.541	149	348771	52.51 ng	97
65) 4-Nitroaniline	8.675	138	96377	52.09 ng	80
66) Atrazine	9.301	200	103045	54.38 ng	99
68) 4,6-Dinitro-2-methylph...	8.702	198	51563	48.42 ng	100
69) n-Nitrosodiphenylamine	8.771	169	311041	51.81 ng	100
71) 1,2-Diphenylhydrazine	8.814	77	381287	50.96 ng	86
72) 4-Bromophenyl-phenylether	9.146	248	100488	51.46 ng	82
73) Hexachlorobenzene	9.210	284	100662	50.35 ng	67
74) N-Octadecane	9.478	57	250437	53.63 ng	88
75) Pentachlorophenol	9.408	266	45680	48.90 ng	96
76) Phenanthrene	9.643	178	523604	50.24 ng	99
77) Anthracene	9.697	178	543613	51.91 ng	99
78) Carbazole	9.868	167	530387	51.98 ng	98
79) Di-n-butylphthalate	10.248	149	602032	51.85 ng	98
80) Fluoranthene	10.970	202	592812	51.78 ng	93
82) Pyrene	11.237	202	644479	53.89 ng	86
83) Benzidine	11.125	184	179079	52.25 ng	91
85) 4,4'-DDE	11.355	246	123740	51.32 ng	96
86) Endrin	11.681	81	34479	53.85 ng	57
87) 4,4'-DDD	11.756	235	223592	52.69 ng	93
88) Butylbenzylphthalate	12.013	149	278330	54.78 ng	76
89) Endrin aldehyde	11.681	67	21121	53.45 ng	67
90) 4,4'-DDT	12.109	235	230277	55.05 ng	99
91) Endrin ketone	12.590	317	22240	51.76 ng	99
92) 3,3'-Dichlorobenzidine	12.628	252	119837	44.29 ng	98
93) Benzo[a]anthracene	12.655	228	573685	51.60 ng	100
94) Chrysene	12.697	228	557200	52.39 ng	99
95) bis(2-Ethylhexyl)phtha...	12.708	149	370679	55.16 ng	95
97) Di-n-octylphthalate	13.457	149	638474	50.14 ng	100
98) Benzo[b]fluoranthene	13.869	252	556655	54.45 ng	95
99) Benzo[k]fluoranthene	13.895	252	533545	52.06 ng	94
100) Benzo[a]pyrene	14.216	252	527835	54.39 ng	93
101) Indeno[1,2,3-cd]pyrene	15.554	276	553782	53.39 ng	86
102) Dibenzo[a,h]anthracene	15.575	278	454593	52.77 ng	91
103) Benzo[g,h,i]perylene	15.917	276	449612	52.11 ng	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed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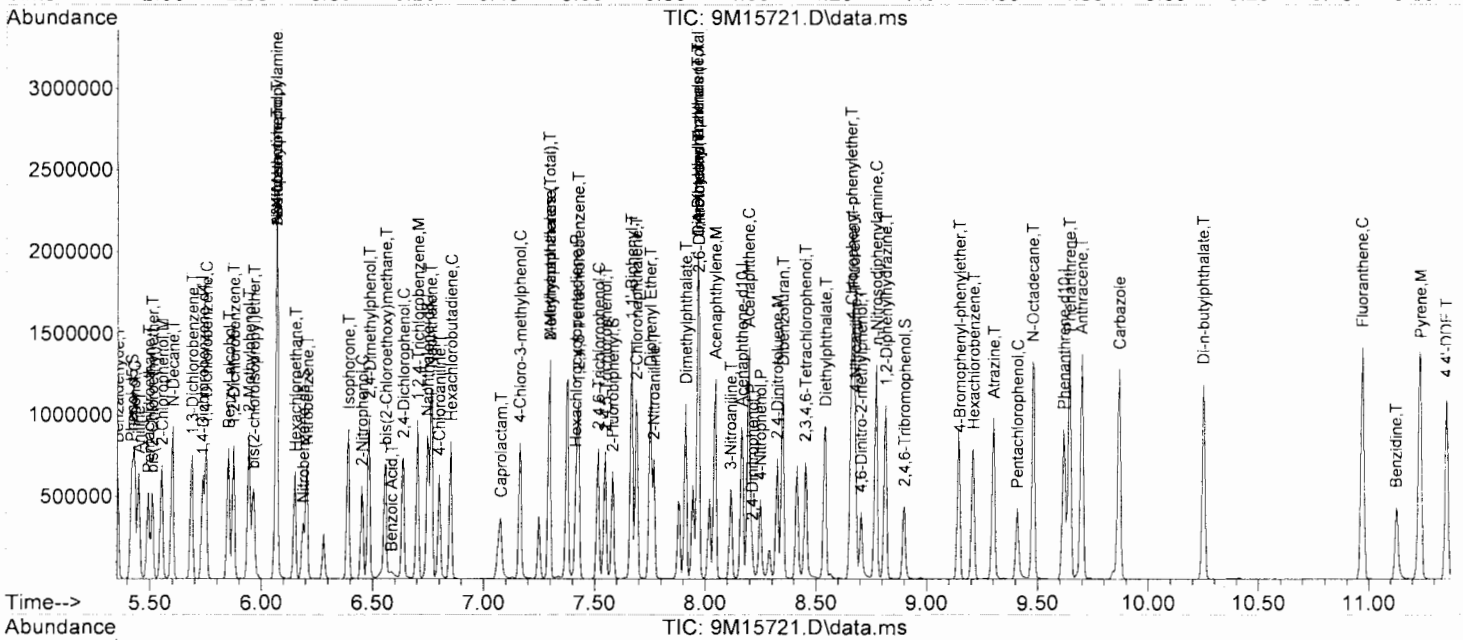
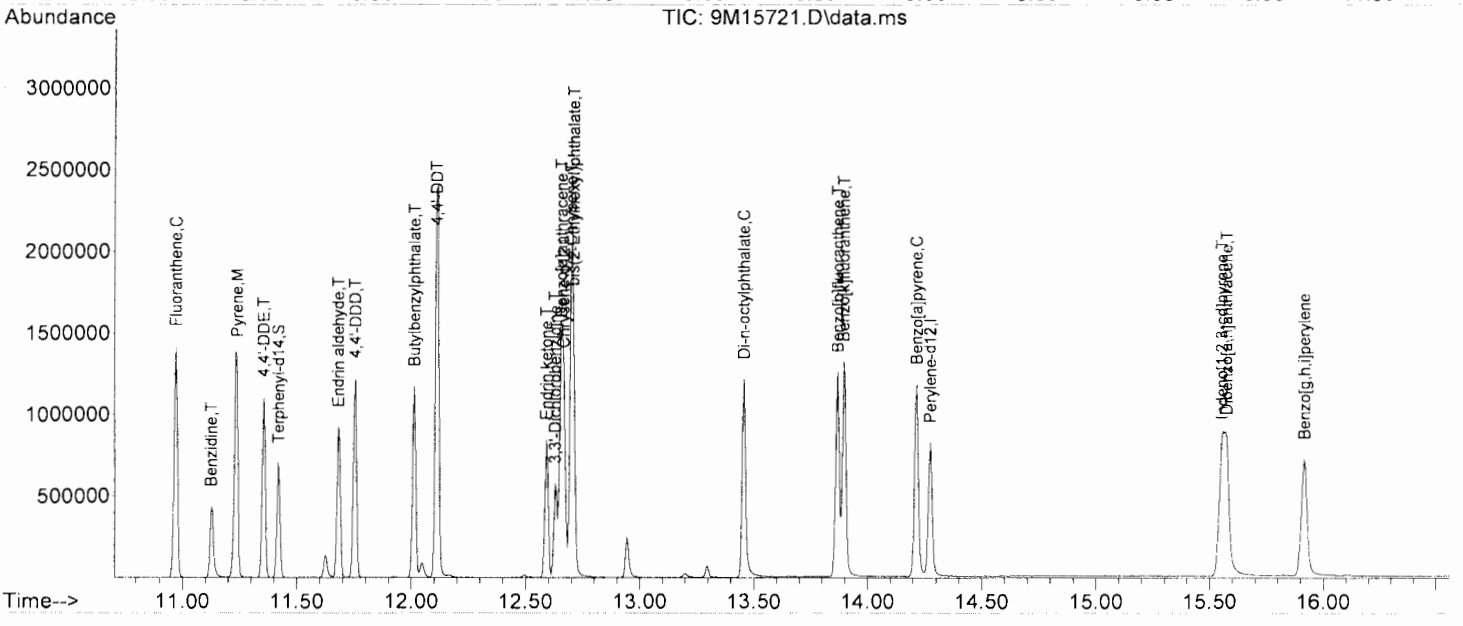
Quant Not Reviewed
SampleID : CAL BNA@50PPM
Data File: 9M15721.D
Acq On : 01/ 7/09 14:20
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 9M_0107.M
Qt On : 01/08/09 11:37
Qt Upd On: 01/08/09 07:05
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 9M15721.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
Fluoranthene,C
Pyrene,M
Benzidine,T
Carbazole
Di-n-butylphthalate,T
Time-->


Abundance
TIC: 9M15721.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM
Data File: 9M15724.D
Acq On : 01/ 7/09 15:28

Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA

Qt Meth : 9M_0107.M
Qt On : 01/07/09 16:24
Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	5.733	152	74205	40.00	ng		0.00
23) Naphthalene-d8	6.744	136	303609	40.00	ng		0.00
41) Acenaphthene-d10	8.162	164	184290	40.00	ng		0.00
67) Phenanthrene-d10	9.617	188	299772	40.00	ng		0.00
81) Chrysene-d12	12.665	240	297402	40.00	ng		-0.02
96) Perylene-d12	14.275	264	279966	40.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.519	112	4388	1.85	ng		0.00
Spiked Amount 100.000			Recovery = 1.85%				
9) Phenol-d5	5.418	99	7287	2.08	ng		-0.01
Spiked Amount 100.000			Recovery = 2.08%				
24) Nitrobenzene-d5	6.188	128	1385	1.04	ng		0.00
Spiked Amount 50.000			Recovery = 2.08%				
46) 2-Fluorobiphenyl	7.579	172	6390	1.07	ng		0.00
Spiked Amount 50.000			Recovery = 2.14%				
70) 2,4,6-Tribromophenol	8.900	330	806	1.21	ng		0.00
Spiked Amount 100.000			Recovery = 1.21%				
84) Terphenyl-d14	11.419	244	7199	1.02	ng		-0.01
Spiked Amount 50.000			Recovery = 2.04%				
Target Compounds							Qvalue
2) Pyridine	2.979	79	5364m	1.95	ng		
3) N-Nitrosodimethylamine	2.861	74	3235	1.84	ng		95
5) Benzaldehyde	5.354	77	4808	2.68	ng		84
6) Aniline	5.450	93	4717	1.25	ng		89
7) Pentachloroethane	5.493	117	1867	2.31	ng		82
8) bis(2-Chloroethyl)ether	5.509	93	5877	2.33	ng		88
10) Phenol	5.429	94	7927	2.01	ng		89
11) 2-Chlorophenol	5.552	128	5549	2.03	ng		84
12) N-Decane	5.600	57	6715	2.32	ng		88
13) 1,3-Dichlorobenzene	5.685	146	6515	2.31	ng		95
14) 1,4-Dichlorobenzene	5.749	146	6534	2.22	ng		97
15) 1,2-Dichlorobenzene	5.872	146	6092	2.24	ng		97
16) Benzyl alcohol	5.851	108	3630	1.95	ng		69
17) bis(2-chloroisopropyl)...	5.963	45	10254	2.39	ng		100
18) 2-Methylphenol	5.942	108	5544	2.11	ng		90
19) Acetophenone	6.065	105	8504	2.06	ng		83
20) Hexachloroethane	6.151	117	2376	2.16	ng		73
21) N-Nitroso-di-n-propyla...	6.065	70	4854	2.26	ng		80
22) 3&4-Methylphenol	6.065	108	5368	1.99	ng		88
25) Nitrobenzene	6.199	77	6826	2.21	ng		94
26) Isophorone	6.386	82	12422	2.18	ng		92
27) 2-Nitrophenol	6.450	139	2317	1.57	ng		76
28) 2,4-Dimethylphenol	6.477	107	5872	2.02	ng		97
29) Benzoic Acid	6.744	105	481	0.44	ng	#	1
30) bis(2-Chloroethoxy)met...	6.552	93	6945	2.22	ng		99
31) 2,4-Dichlorophenol	6.637	162	4138	1.79	ng		87
32) 1,2,4-Trichlorobenzene	6.702	180	5385	2.24	ng		97
33) Naphthalene	6.760	128	18454	2.30	ng		99
34) 4-Chloroaniline	6.798	127	4158	1.35	ng		96
35) Hexachlorobutadiene	6.851	225	3026	2.23	ng		90
36) Caprolactam	7.044	113	1391m	1.35	ng		
37) 4-Chloro-3-methylphenol	7.156	107	4918	1.90	ng		95
38) 2-Methylnaphthalene	7.295	142	12996	2.36	ng		98
39) Methylnaphthalenes (To...	7.295	142	12996	2.36	ng		98
40) 1,1'-Biphenyl	7.664	154	15259	2.28	ng		94
42) 1,2,4,5-Tetrachloroben...	7.424	216	5867	2.09	ng		96
43) Hexachlorocyclopentadiene	7.413	237	1335	1.08	ng		96
44) 2,4,6-Trichlorophenol	7.509	196	2861	1.72	ng		97
45) 2,4,5-Trichlorophenol	7.541	196	2866	1.57	ng		99
47) 2-Chloronaphthalene	7.686	162	11809	2.24	ng		95
48) 1,4-Dimethylnaphthalene	7.964	156	8970	2.16	ng		94
49) Dimethylnaphthalenes (...	7.964	156	8970	2.16	ng		94
50) Diphenyl Ether	7.750	170	8370	2.08	ng		82
51) 2-Nitroaniline	7.761	65	4292	1.88	ng		81
52) Acenaphthylene	8.039	152	19022	2.19	ng		97
53) Dimethylphthalate	7.905	163	13029	2.05	ng		99
54) 2,6-Dinitrotoluene	7.964	165	2666	1.80	ng		85
55) Acenaphthene	8.188	153	12485	2.27	ng		93
56) 3-Nitroaniline	8.114	138	2426	1.53	ng		88
57) 2,4-Dinitrophenol	0.000		0	N.D.			
58) Dibenzofuran	8.344	168	17148	2.17	ng		87
59) 2,4-Dinitrotoluene	8.317	165	3112	1.54	ng		94

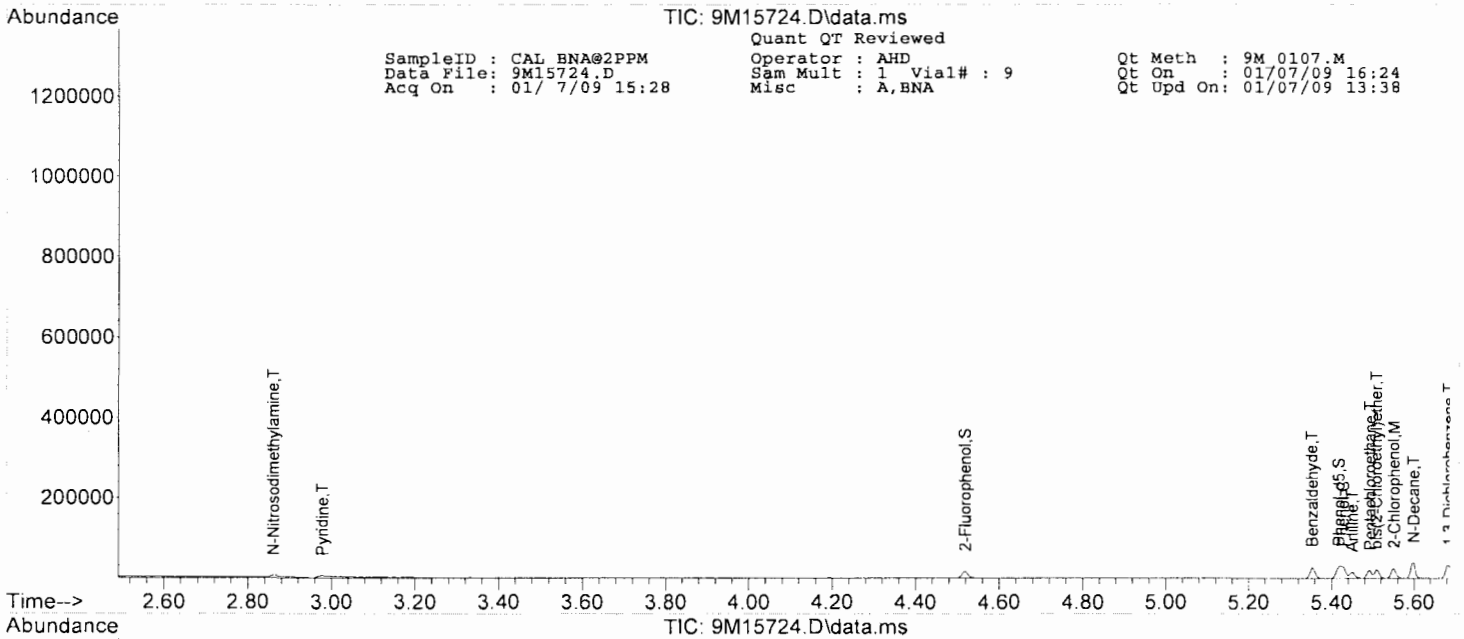
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15724.D Sam Mult : 1 Vial# : 9 Qt On : 01/07/09 16:24
Acq On : 01/ 7/09 15:28 Misc : A,BNA Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60)	4-Nitrophenol	8.242	65	1588	1.25	ng		95
61)	2,3,4,6-Tetrachlorophenol	8.451	232	2172	1.44	ng		83
62)	Fluorene	8.664	166	14018	2.13	ng		99
63)	4-Chlorophenyl-phenyle...	8.659	204	6374	2.06	ng		91
64)	Diethylphthalate	8.531	149	13109	2.07	ng		98
65)	4-Nitroaniline	8.670	138	3062	1.65	ng		85
66)	Atrazine	9.296	200	2983	1.50	ng		93
68)	4,6-Dinitro-2-methylph...	8.702	198	208	0.24	ng		100
69)	n-Nitrosodiphenylamine	8.766	169	11333	2.12	ng		96
71)	1,2-Diphenylhydrazine	8.809	77	15559	2.31	ng		93
72)	4-Bromophenyl-phenylether	9.140	248	3530	2.05	ng		92
73)	Hexachlorobenzene	9.205	284	3618	2.02	ng		74
74)	N-Octadecane	9.477	57	9048	2.18	ng		82
75)	Pentachlorophenol	9.408	266	128	0.18	ng	#	20
76)	Phenanthrene	9.638	178	21848	2.36	ng		98
77)	Anthracene	9.697	178	20420	2.14	ng		98
78)	Carbazole	9.863	167	18666	2.03	ng		99
79)	Di-n-butylphthalate	10.248	149	19592	1.86	ng		97
80)	Fluoranthene	10.970	202	21075	2.03	ng		97
82)	Pyrene	11.232	202	22642	2.16	ng		94
83)	Benzidine	11.125	184	2142	0.79	ng		97
85)	4,4'-DDE	11.355	246	4554	2.21	ng		90
86)	Endrin	11.681	81	1253	2.17	ng		79
87)	4,4'-DDD	11.751	235	7353	1.99	ng		92
88)	Butylbenzylphthalate	12.013	149	7700	1.65	ng		73
89)	Endrin aldehyde	11.681	67	892	2.72	ng	#	38
90)	4,4'-DDT	12.109	235	6355	1.70	ng		91
91)	Endrin ketone	12.590	317	659	1.72	ng		95
92)	3,3'-Dichlorobenzidine	12.628	252	3784	1.20	ng		97
93)	Benzo[a]anthracene	12.649	228	21681	2.14	ng		96
94)	Chrysene	12.692	228	21489	2.23	ng		96
95)	bis(2-Ethylhexyl)phtha...	12.708	149	10516	1.67	ng		94
97)	Di-n-octylphthalate	13.457	149	13941	1.33	ng		98
98)	Benzo[b]fluoranthene	13.863	252	17821m	1.90	ng		
99)	Benzo[k]fluoranthene	13.890	252	18816m	2.02	ng		
100)	Benzo[a]pyrene	14.211	252	15977	1.79	ng		93
101)	Indeno[1,2,3-cd]pyrene	15.543	276	16498	1.73	ng		84
102)	Dibenzo[a,h]anthracene	15.564	278	13548	1.69	ng		92
103)	Benzo[g,h,i]perylene	15.907	276	15022	1.90	ng		91

(#) = qualifier out of range (m) = manual integration (+) = signals summed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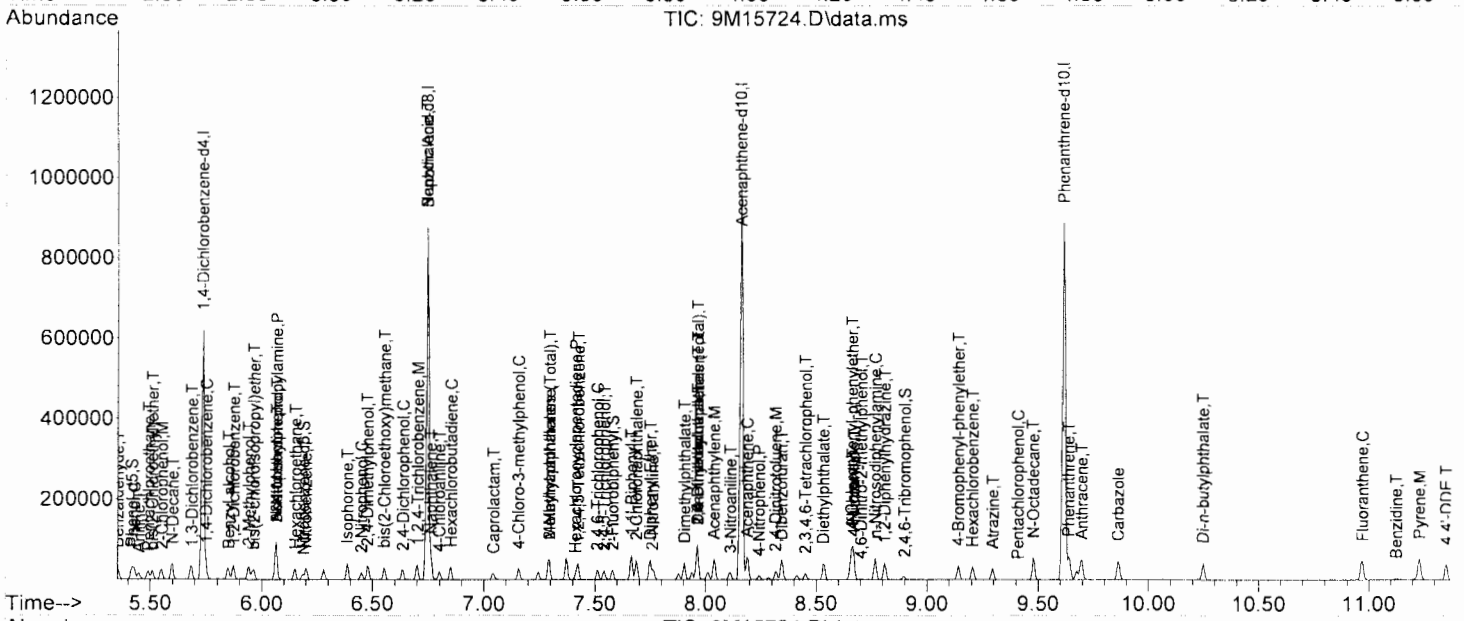
Quant QT Reviewed
SampleID : CAL BNA@2PPM
Data File: 9M15724.D
Acq On : 01/ 7/09 15:28
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 9M_0107.M
Qt On : 01/07/09 16:24
Qt Upd On: 01/07/09 13:38
1200000
1000000
800000
600000
400000
200000
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->
2.60
2.80
3.00
3.20
3.40
3.60
3.80
4.00
4.20
4.40
4.60
4.80
5.00
5.20
5.40
5.60


Abundance
TIC: 9M15724.D\data.ms
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800000
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400000
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1,4-Dichlorobenzene-d4,I
Isophorone,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
4-Chloroaniline,T
Hexachlorobutadiene,C
Caprolactam,T
4-Chloro-3-methylphenol,C
2-Methylnaphthalene,T
Hexachlorocyclopentadiene,T
2,4,6-Trichlorophenol,S
2-Chloronaphthalene,T
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene-d10,I
Acenaphthene,C
3-Nitroaniline,T
4-Nitrophenol,P
Dibenzofuran,M
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Time-->
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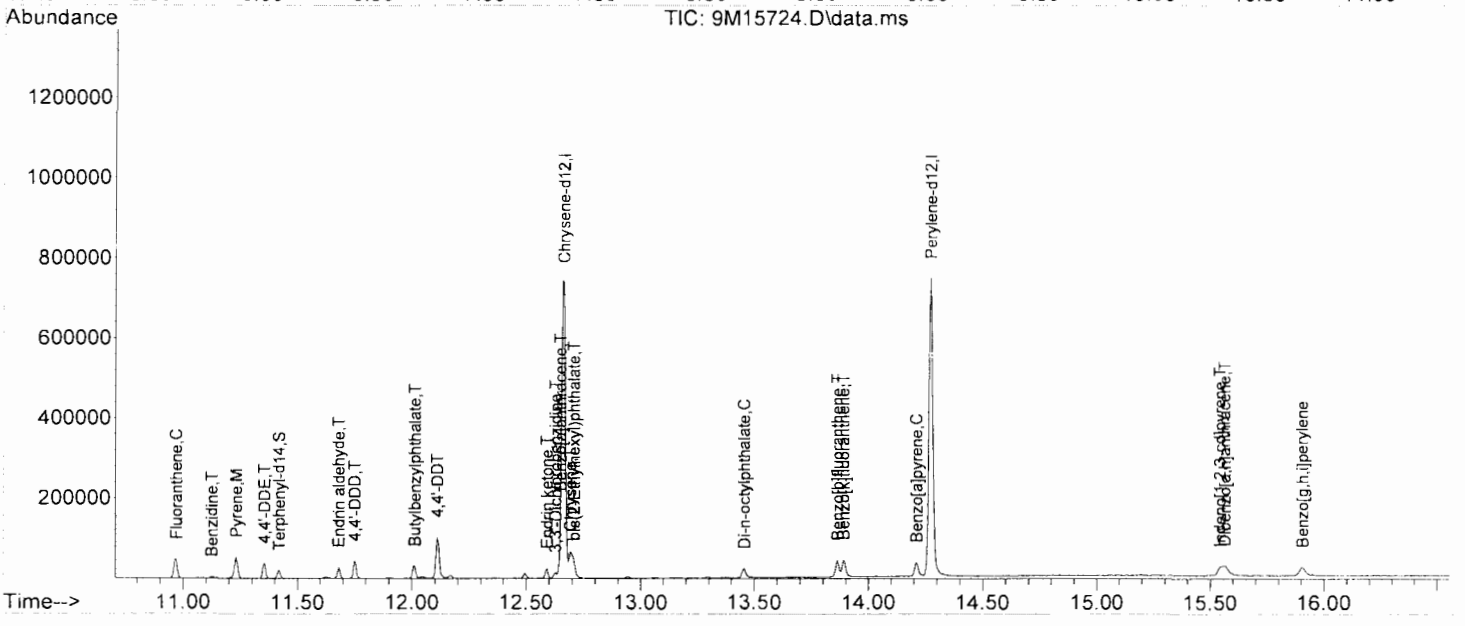
10.50
11.00


Abundance
TIC: 9M15724.D\data.ms
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1000000
800000
600000
400000
200000
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Chrysene-d12,I
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->
11.00
11.50
12.00
12.50
13.00
13.50
14.00
14.50
15.00
15.50
16.00

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15723.D Sam Mult : 1 Vial# : 8 Qt On : 01/07/09 16:24
Acq On : 01/ 7/09 15:05 Misc : A,BNA Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.734	152	78210	40.00	ng	0.00
23) Naphthalene-d8	6.744	136	318985	40.00	ng	0.00
41) Acenaphthene-d10	8.162	164	190876	40.00	ng	0.00
67) Phenanthrene-d10	9.617	188	305752	40.00	ng	0.00
81) Chrysene-d12	12.665	240	311812	40.00	ng	-0.02
96) Perylene-d12	14.275	264	296298	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.519	112	24964	10.01	ng	0.00
Spiked Amount 100.000			Recovery = 10.01%			
9) Phenol-d5	5.418	99	38265	10.37	ng	-0.01
Spiked Amount 100.000			Recovery = 10.37%			
24) Nitrobenzene-d5	6.188	128	7564	5.40	ng	0.00
Spiked Amount 50.000			Recovery = 10.80%			
46) 2-Fluorobiphenyl	7.579	172	34047	5.52	ng	0.00
Spiked Amount 50.000			Recovery = 11.04%			
70) 2,4,6-Tribromophenol	8.900	330	6496	9.53	ng	0.00
Spiked Amount 100.000			Recovery = 9.53%			
84) Terphenyl-d14	11.419	244	40197	5.42	ng	-0.01
Spiked Amount 50.000			Recovery = 10.84%			
Target Compounds						Qvalue
2) Pyridine	2.920	79	28816	9.93	ng	86
3) N-Nitrosodimethylamine	2.840	74	18886	10.22	ng	85
5) Benzaldehyde	5.354	77	25908	13.72	ng	89
6) Aniline	5.450	93	27646	6.97	ng	90
7) Pentachloroethane	5.493	117	9546	11.22	ng	80
8) bis(2-Chloroethyl)ether	5.509	93	29075	10.92	ng	89
10) Phenol	5.429	94	42175	10.15	ng	91
11) 2-Chlorophenol	5.552	128	29438	10.20	ng	87
12) N-Decane	5.600	57	35736	11.70	ng	89
13) 1,3-Dichlorobenzene	5.685	146	33718	11.35	ng	96
14) 1,4-Dichlorobenzene	5.750	146	33418	10.80	ng	97
15) 1,2-Dichlorobenzene	5.873	146	32228	11.23	ng	98
16) Benzyl alcohol	5.846	108	20692	10.57	ng	83
17) bis(2-chloroisopropyl)...	5.964	45	50731	11.20	ng	100
18) 2-Methylphenol	5.942	108	28348	10.23	ng	98
19) Acetophenone	6.065	105	43665	10.05	ng	84
20) Hexachloroethane	6.151	117	12659	10.91	ng	76
21) N-Nitroso-di-n-propyla...	6.065	70	25498	11.24	ng	78
22) 3&4-Methylphenol	6.065	108	30522	10.74	ng	97
25) Nitrobenzene	6.199	77	36581	11.28	ng	89
26) Isophorone	6.386	82	66151	11.05	ng	93
27) 2-Nitrophenol	6.450	139	14710	9.48	ng	91
28) 2,4-Dimethylphenol	6.477	107	33041	10.81	ng	99
29) Benzoic Acid	6.525	105	2580	2.27	ng	86
30) bis(2-Chloroethoxy)met...	6.552	93	37226	11.35	ng	98
31) 2,4-Dichlorophenol	6.632	162	24586	10.14	ng	89
32) 1,2,4-Trichlorobenzene	6.702	180	29201	11.57	ng	98
33) Naphthalene	6.760	128	94138	11.18	ng	100
34) 4-Chloroaniline	6.798	127	22543	6.96	ng	98
35) Hexachlorobutadiene	6.851	225	16343	11.46	ng	98
36) Caprolactam	7.049	113	9614m	8.86	ng	
37) 4-Chloro-3-methylphenol	7.162	107	29195	10.72	ng	90
38) 2-Methylnaphthalene	7.295	142	65041	11.22	ng	98
39) Methylnaphthalenes (To...	7.295	142	65041	11.22	ng	98
40) 1,1'-Biphenyl	7.664	154	76901	10.93	ng	95
42) 1,2,4,5-Tetrachloroben...	7.424	216	28979	9.97	ng	96
43) Hexachlorocyclopentadiene	7.413	237	10807	8.42	ng	98
44) 2,4,6-Trichlorophenol	7.509	196	16712	9.67	ng	94
45) 2,4,5-Trichlorophenol	7.541	196	19182	10.15	ng	98
47) 2-Chloronaphthalene	7.686	162	58150	10.65	ng	95
48) 1,4-Dimethylnaphthalene	7.964	156	48364	11.25	ng	93
49) Dimethylnaphthalenes (...	7.964	156	48364	11.25	ng	93
50) Diphenyl Ether	7.750	170	42150	10.12	ng	84
51) 2-Nitroaniline	7.761	65	25517	10.78	ng	86
52) Acenaphthylene	8.039	152	99886	11.09	ng	99
53) Dimethylphthalate	7.905	163	70372	10.70	ng	99
54) 2,6-Dinitrotoluene	7.964	165	16464	10.72	ng	72
55) Acenaphthene	8.194	153	62533	11.00	ng	96
56) 3-Nitroaniline	8.114	138	15051	9.14	ng	84
57) 2,4-Dinitrophenol	8.205	184	2269	3.70	ng	88
58) Dibenzofuran	8.344	168	89029	10.90	ng	91
59) 2,4-Dinitrotoluene	8.317	165	20049	9.59	ng	79

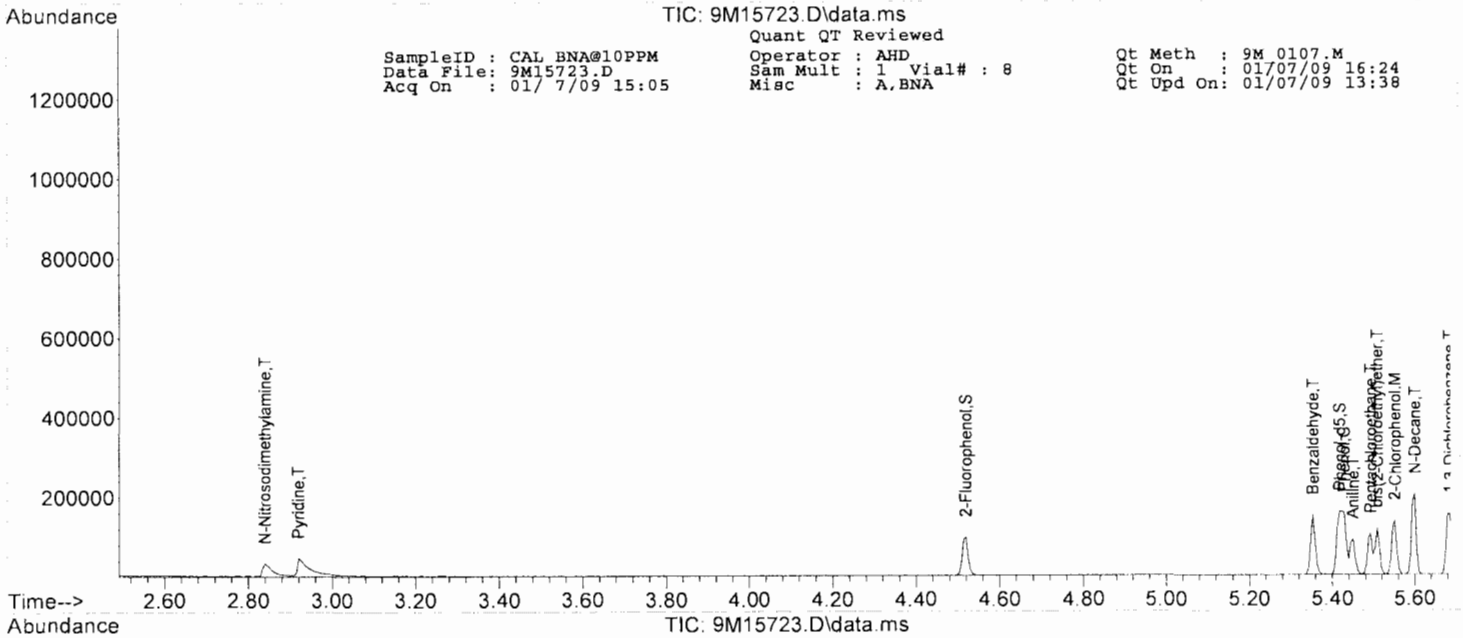
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15723.D Sam Mult : 1 Vial# : 8 Qt On : 01/07/09 16:24
Acq On : 01/ 7/09 15:05 Misc : A,BNA Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.242	65	11860	9.05	ng	92
61) 2,3,4,6-Tetrachlorophenol	8.451	232	13898	8.92	ng	85
62) Fluorene	8.665	166	73399	10.77	ng	100
63) 4-Chlorophenyl-phenyle...	8.659	204	33494	10.48	ng	87
64) Diethylphthalate	8.536	149	68952	10.52	ng	98
65) 4-Nitroaniline	8.670	138	19254	10.03	ng	81
66) Atrazine	9.296	200	18768	9.10	ng	97
68) 4,6-Dinitro-2-methylph...	8.702	198	5564	6.37	ng	100
69) n-Nitrosodiphenylamine	8.766	169	60559	11.12	ng	99
71) 1,2-Diphenylhydrazine	8.809	77	82180	11.97	ng	92
72) 4-Bromophenyl-phenylether	9.141	248	18805	10.70	ng	93
73) Hexachlorobenzene	9.205	284	19325	10.59	ng	76
74) N-Octadecane	9.478	57	51913	12.25	ng	92
75) Pentachlorophenol	9.408	266	4349	6.09	ng	98
76) Phenanthrene	9.643	178	107454	11.36	ng	99
77) Anthracene	9.697	178	106436	10.92	ng	99
78) Carbazole	9.863	167	103859	11.05	ng	98
79) Di-n-butylphthalate	10.248	149	117260	10.89	ng	98
80) Fluoranthene	10.970	202	113512	10.72	ng	92
82) Pyrene	11.232	202	123112	11.20	ng	89
83) Benzidine	11.125	184	17650	6.20	ng	93
85) 4,4'-DDE	11.355	246	24329	11.28	ng	95
86) Endrin	11.681	81	7074	11.70	ng	67
87) 4,4'-DDD	11.751	235	42498	10.97	ng	92
88) Butylbenzylphthalate	12.013	149	50551	10.35	ng	78
89) Endrin aldehyde	11.681	67	4508	13.09	ng	64
90) 4,4'-DDT	12.109	235	39294	10.04	ng	96
91) Endrin ketone	12.590	317	4098	10.21	ng	97
92) 3,3'-Dichlorobenzidine	12.628	252	19211	5.80	ng	96
93) Benzo[a]anthracene	12.655	228	113613	10.70	ng	99
94) Chrysene	12.692	228	110009	10.88	ng	98
95) bis(2-Ethylhexyl)phtha...	12.708	149	69253	10.47	ng	95
97) Di-n-octylphthalate	13.457	149	103222	9.32	ng	99
98) Benzo[b]fluoranthene	13.863	252	100777m	10.13	ng	
99) Benzo[k]fluoranthene	13.896	252	104970	10.63	ng	92
100) Benzo[a]pyrene	14.211	252	94371	10.01	ng	92
101) Indeno[1,2,3-cd]pyrene	15.548	276	99985	9.91	ng	88
102) Dibenzo[a,h]anthracene	15.570	278	81374	9.60	ng	93
103) Benzo[g,h,i]perylene	15.907	276	83851	10.03	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed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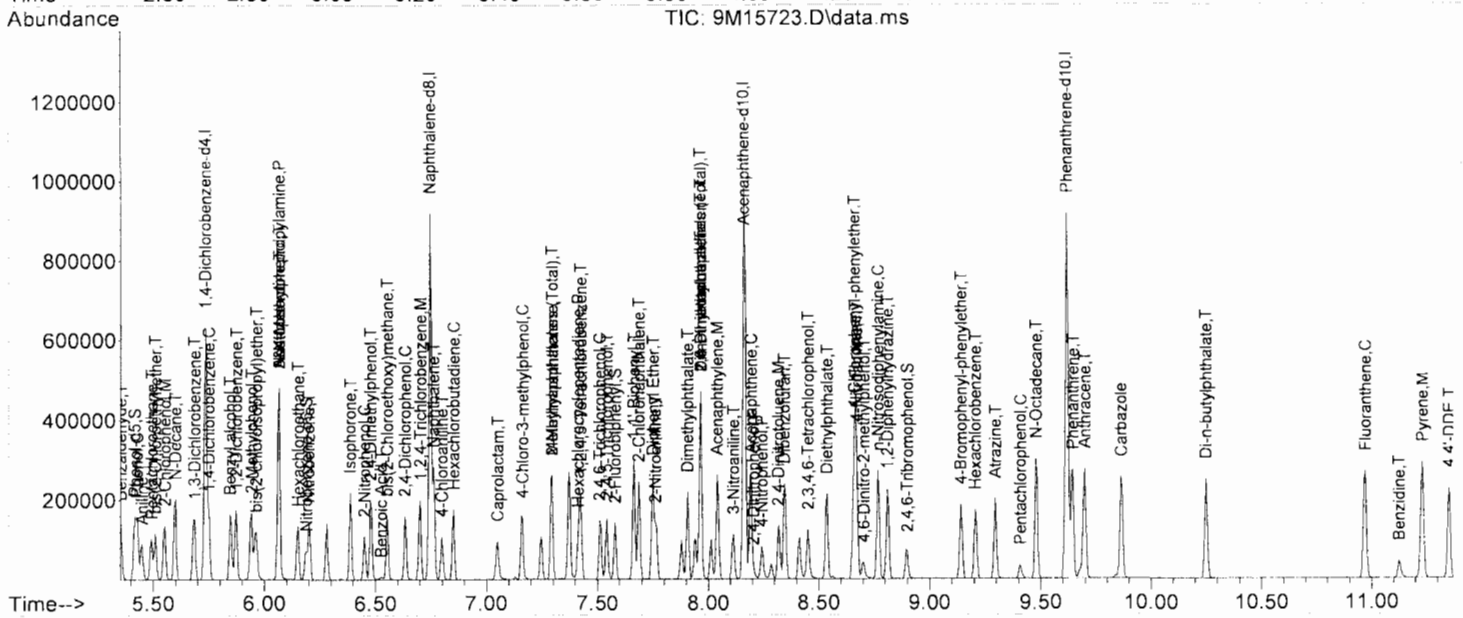
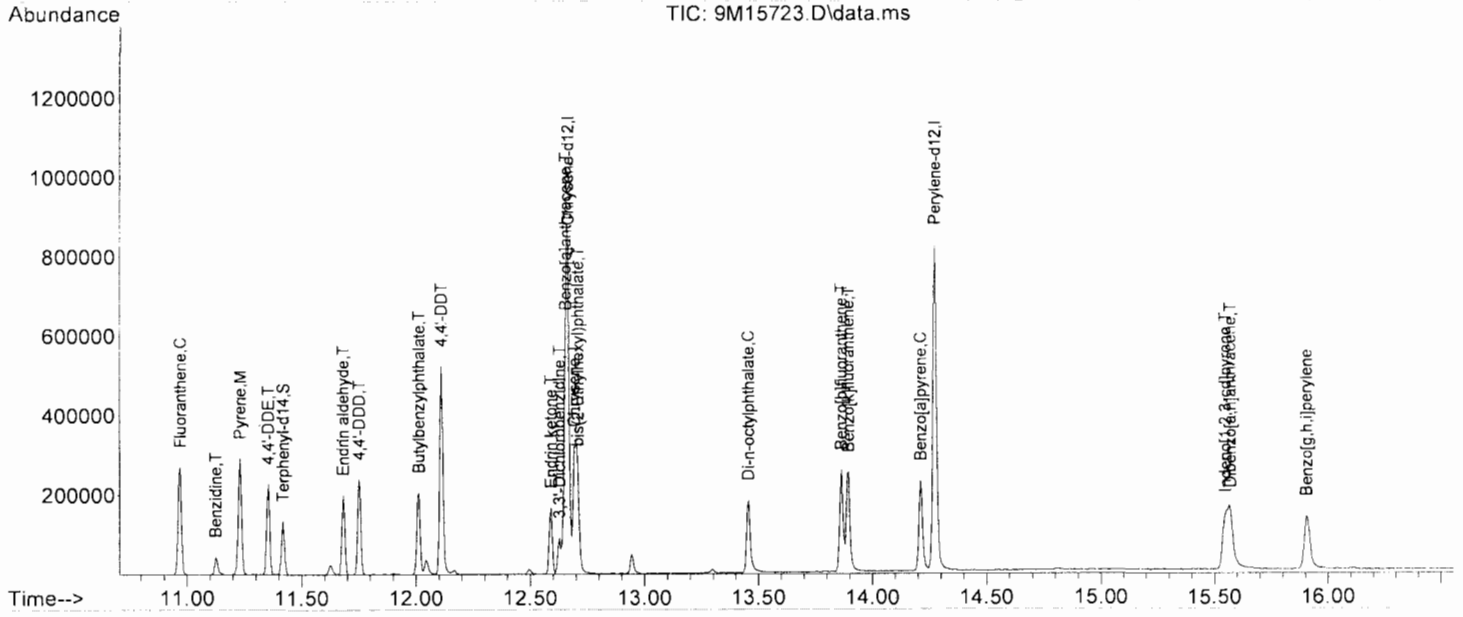
TIC: 9M15723.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@10PPM
Data File: 9M15723.D
Acq On : 01/ 7/09 15:05
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 9M_0107.M
Qt On : 01/07/09 16:24
Qt Upd On: 01/07/09 13:38
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 9M15723.D\data.ms
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,T
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDT,T
Time-->


Abundance
TIC: 9M15723.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Perylene-d12,I
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15722.D Sam Mult : 1 Vial# : 7 Qt On : 01/07/09 16:24
Acq On : 01/ 7/09 14:43 Misc : A,BNA Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.733	152	80957	40.00	ng	0.00
23) Naphthalene-d8	6.744	136	330003	40.00	ng	0.00
41) Acenaphthene-d10	8.162	164	197585	40.00	ng	0.00
67) Phenanthrene-d10	9.616	188	328950	40.00	ng	0.00
81) Chrysene-d12	12.665	240	328088	40.00	ng	-0.02
96) Perylene-d12	14.275	264	306940	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.519	112	51530	19.96	ng	0.00
Spiked Amount 100.000			Recovery =	19.96%		
9) Phenol-d5	5.418	99	75346	19.73	ng	-0.01
Spiked Amount 100.000			Recovery =	19.73%		
24) Nitrobenzene-d5	6.188	128	14230	9.82	ng	0.00
Spiked Amount 50.000			Recovery =	19.64%		
46) 2-Fluorobiphenyl	7.579	172	68572	10.73	ng	0.00
Spiked Amount 50.000			Recovery =	21.46%		
70) 2,4,6-Tribromophenol	8.900	330	14199	19.37	ng	0.00
Spiked Amount 100.000			Recovery =	19.37%		
84) Terphenyl-d14	11.419	244	81391	10.43	ng	-0.01
Spiked Amount 50.000			Recovery =	20.86%		
Target Compounds						Qvalue
2) Pyridine	2.904	79	63857	21.26	ng	84
3) N-Nitrosodimethylamine	2.834	74	37428	19.56	ng	86
5) Benzaldehyde	5.354	77	52089	26.65	ng	84
6) Aniline	5.450	93	61751	15.05	ng	92
7) Pentachloroethane	5.493	117	19024	21.60	ng	80
8) bis(2-Chloroethyl)ether	5.509	93	58200	21.12	ng	88
10) Phenol	5.428	94	81724	19.00	ng	91
11) 2-Chlorophenol	5.551	128	60553	20.27	ng	85
12) N-Decane	5.600	57	66162	20.92	ng	89
13) 1,3-Dichlorobenzene	5.685	146	64189	20.87	ng	98
14) 1,4-Dichlorobenzene	5.749	146	65407	20.41	ng	99
15) 1,2-Dichlorobenzene	5.872	146	61895	20.84	ng	98
16) Benzyl alcohol	5.846	108	39964	19.71	ng	84
17) bis(2-chloroisopropyl)...	5.963	45	100198	21.38	ng	98
18) 2-Methylphenol	5.942	108	57849	20.16	ng	99
19) Acetophenone	6.065	105	86919	19.33	ng	84
20) Hexachloroethane	6.151	117	24313	20.24	ng	73
21) N-Nitroso-di-n-propyla...	6.065	70	50525	21.52	ng	78
22) 3&4-Methylphenol	6.065	108	60111	20.43	ng	96
25) Nitrobenzene	6.199	77	70687	21.06	ng	89
26) Isophorone	6.386	82	131709	21.27	ng	95
27) 2-Nitrophenol	6.450	139	31160	19.42	ng	88
28) 2,4-Dimethylphenol	6.477	107	65336	20.67	ng	99
29) Benzoic Acid	6.536	105	10809	9.18	ng	93
30) bis(2-Chloroethoxy)met...	6.552	93	71031	20.93	ng	94
31) 2,4-Dichlorophenol	6.632	162	51022	20.35	ng	90
32) 1,2,4-Trichlorobenzene	6.701	180	55837	21.39	ng	98
33) Naphthalene	6.760	128	185820	21.32	ng	99
34) 4-Chloroaniline	6.798	127	49242	14.69	ng	99
35) Hexachlorobutadiene	6.851	225	31338	21.25	ng	98
36) Caprolactam	7.054	113	19147m	17.05	ng	
37) 4-Chloro-3-methylphenol	7.161	107	57116	20.28	ng	86
38) 2-Methylnaphthalene	7.295	142	126783	21.14	ng	98
39) Methylnaphthalenes (To...	7.295	142	126783	21.14	ng	98
40) 1,1'-Biphenyl	7.664	154	156797	21.54	ng	94
42) 1,2,4,5-Tetrachloroben...	7.424	216	58319	19.39	ng	98
43) Hexachlorocyclopentadiene	7.413	237	26189	19.72	ng	96
44) 2,4,6-Trichlorophenol	7.514	196	36141	20.21	ng	97
45) 2,4,5-Trichlorophenol	7.541	196	38310	19.58	ng	98
47) 2-Chloronaphthalene	7.686	162	118095	20.89	ng	94
48) 1,4-Dimethylnaphthalene	7.964	156	93701	21.05	ng	95
49) Dimethylnaphthalenes (...	7.964	156	93701	21.05	ng	95
50) Diphenyl Ether	7.750	170	83309	19.32	ng	80
51) 2-Nitroaniline	7.766	65	48403	19.76	ng	66
52) Acenaphthylene	8.039	152	195649	20.98	ng	100
53) Dimethylphthalate	7.905	163	137037	20.13	ng	99
54) 2,6-Dinitrotoluene	7.964	165	32530	20.46	ng	71
55) Acenaphthene	8.194	153	122788	20.86	ng	96
56) 3-Nitroaniline	8.113	138	30537	17.92	ng	83
57) 2,4-Dinitrophenol	8.204	184	7755	12.22	ng	88
58) Dibenzofuran	8.343	168	172699	20.43	ng	88
59) 2,4-Dinitrotoluene	8.322	165	43671	20.17	ng	69

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM
Data File: 9M15722.D
Acq On : 01/ 7/09 14:43

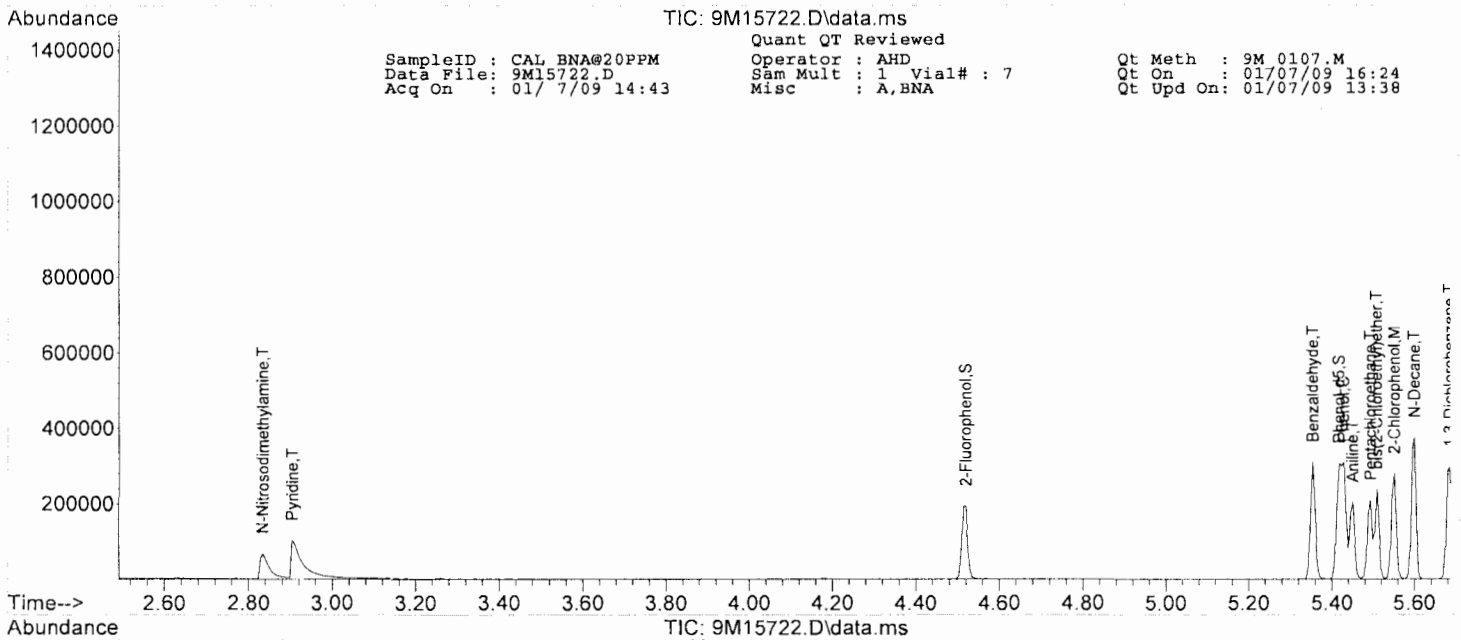
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA

Qt Meth : 9M_0107.M
Qt On : 01/07/09 16:24
Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.242	65	25716	18.95	ng	96
61)	2,3,4,6-Tetrachlorophenol	8.450	232	32460	20.13	ng	86
62)	Fluorene	8.664	166	143080	20.28	ng	98
63)	4-Chlorophenyl-phenyle...	8.659	204	65409	19.76	ng	85
64)	Diethylphthalate	8.536	149	137961	20.34	ng	98
65)	4-Nitroaniline	8.670	138	37018	18.64	ng	81
66)	Atrazine	9.296	200	38121	17.87	ng	100
68)	4,6-Dinitro-2-methylph...	8.702	198	15604	16.60	ng	100
69)	n-Nitrosodiphenylamine	8.766	169	122015	20.83	ng	99
71)	1,2-Diphenylhydrazine	8.809	77	157866	21.38	ng	94
72)	4-Bromophenyl-phenylether	9.140	248	37558	19.86	ng	92
73)	Hexachlorobenzene	9.205	284	37897	19.31	ng	78
74)	N-Octadecane	9.477	57	102885	22.57	ng	88
75)	Pentachlorophenol	9.408	266	12389	16.12	ng	98
76)	Phenanthrene	9.643	178	210238	20.65	ng	99
77)	Anthracene	9.697	178	215060	20.50	ng	99
78)	Carbazole	9.868	167	210986	20.86	ng	98
79)	Di-n-butylphthalate	10.248	149	240212	20.74	ng	99
80)	Fluoranthene	10.970	202	228992	20.09	ng	91
82)	Pyrene	11.232	202	248290	21.47	ng	88
83)	Benzidine	11.125	184	52649	17.58	ng	89
85)	4,4'-DDE	11.355	246	48278	21.27	ng	95
86)	Endrin	11.681	81	13251	20.84	ng	56
87)	4,4'-DDD	11.756	235	84968	20.85	ng	92
88)	Butylbenzylphthalate	12.013	149	107626	20.94	ng	77
89)	Endrin aldehyde	11.681	67	8480	23.40	ng	65
90)	4,4'-DDT	12.109	235	84834	20.60	ng	98
91)	Endrin ketone	12.590	317	8357	19.79	ng	96
92)	3,3'-Dichlorobenzidine	12.628	252	35019	10.05	ng	95
93)	Benzo[a]anthracene	12.654	228	228622	20.46	ng	100
94)	Chrysene	12.697	228	220838	20.76	ng	98
95)	bis(2-Ethylhexyl)phtha...	12.708	149	145608	20.91	ng	96
97)	Di-n-octylphthalate	13.457	149	232580	20.27	ng	100
98)	Benzo[b]fluoranthene	13.863	252	202357m	19.63	ng	
99)	Benzo[k]fluoranthene	13.895	252	215500	21.07	ng	94
100)	Benzo[a]pyrene	14.211	252	195082	19.97	ng	94
101)	Indeno[1,2,3-cd]pyrene	15.548	276	204037	19.51	ng	88
102)	Dibenzo[a,h]anthracene	15.569	278	171224	19.50	ng	90
103)	Benzo[g,h,i]perylene	15.912	276	172423	19.90	ng	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed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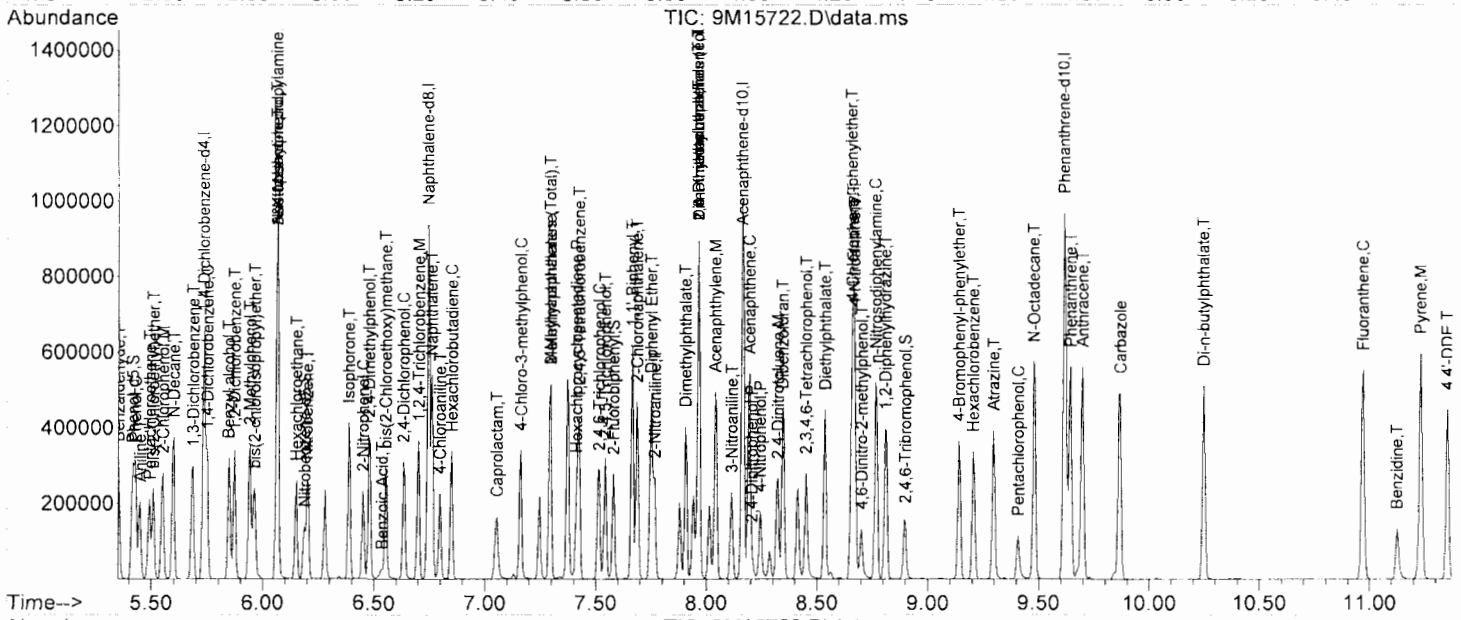
Quant QT Reviewed
SampleID : CAL BNA@20PPM
Data File: 9M15722.D
Acq On : 01/ 7/09 14:43
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 9M_0107.M
Qt On : 01/07/09 16:24
Qt Upd On: 01/07/09 13:38
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
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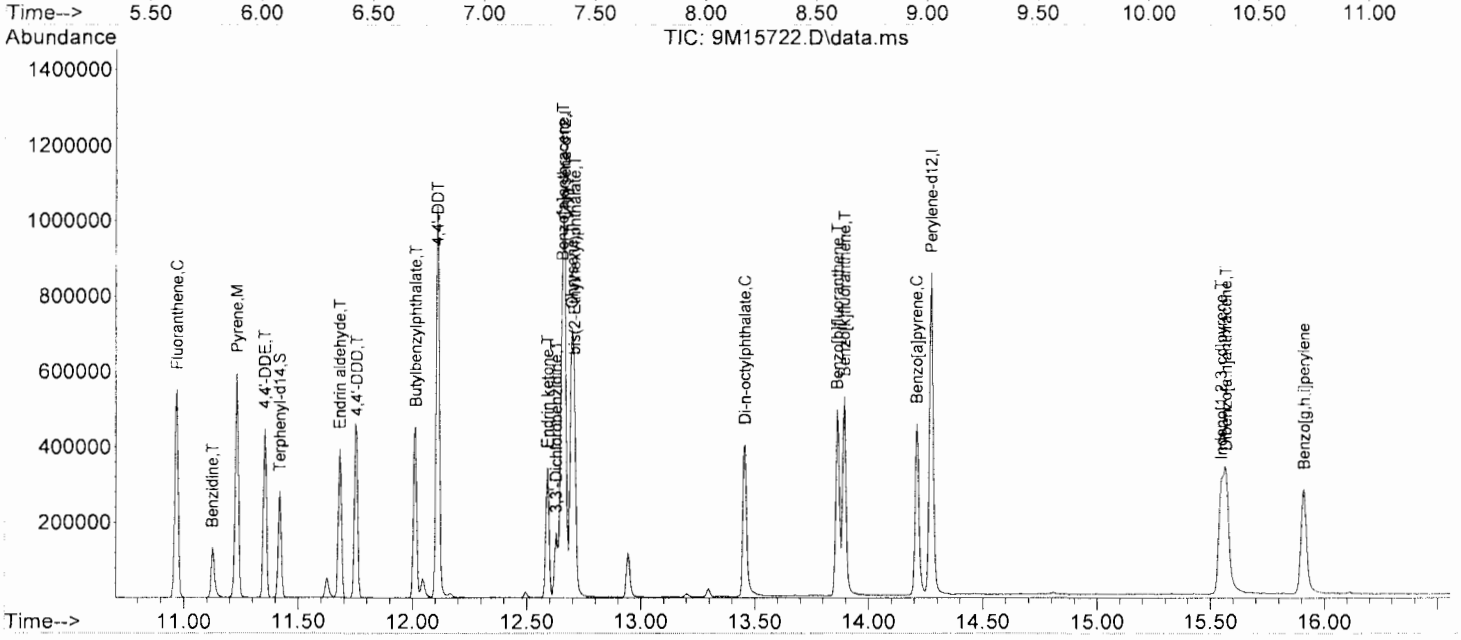
Caprolactam,T
4-Chloro-3-methylphenol,C
Naphthalene-d8,I
Acenaphthylene,M
Acenaphthene-d10,I
Dimethylphthalate,T
Diethylphthalate,T
Phenanthrene-d10,I
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDT
Time-->


Abundance
TIC: 9M15722.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15720.D Sam Mult : 1 Vial# : 5 Qt On : 01/07/09 16:23
Acq On : 01/ 7/09 13:58 Misc : A,BNA Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.733	152	79957	40.00	ng	0.00
23) Naphthalene-d8	6.750	136	325726	40.00	ng	0.00
41) Acenaphthene-d10	8.167	164	196124	40.00	ng	0.00
67) Phenanthrene-d10	9.616	188	324602	40.00	ng	0.00
81) Chrysene-d12	12.671	240	325596	40.00	ng	-0.01
96) Perylene-d12	14.275	264	300450	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.519	112	216687	84.97	ng	0.00
Spiked Amount 100.000			Recovery = 84.97%			
9) Phenol-d5	5.423	99	303507	80.46	ng	0.00
Spiked Amount 100.000			Recovery = 80.46%			
24) Nitrobenzene-d5	6.188	128	60673	42.42	ng	0.00
Spiked Amount 50.000			Recovery = 84.84%			
46) 2-Fluorobiphenyl	7.584	172	263754	41.59	ng	0.00
Spiked Amount 50.000			Recovery = 83.18%			
70) 2,4,6-Tribromophenol	8.900	330	67781	93.71	ng	0.00
Spiked Amount 100.000			Recovery = 93.71%			
84) Terphenyl-d14	11.419	244	341496	44.12	ng	-0.01
Spiked Amount 50.000			Recovery = 88.24%			
Target Compounds						Qvalue
2) Pyridine	2.888	79	243722	82.16	ng	84
3) N-Nitrosodimethylamine	2.829	74	152582	80.76	ng	84
5) Benzaldehyde	5.354	77	185408	96.03	ng	85
6) Aniline	5.450	93	330458	81.53	ng	94
7) Pentachloroethane	5.493	117	71535	82.23	ng	77
8) bis(2-Chloroethyl)ether	5.514	93	209723	77.06	ng	86
10) Phenol	5.434	94	325554	76.62	ng	90
11) 2-Chlorophenol	5.551	128	236392	80.12	ng	86
12) N-Decane	5.600	57	242625	77.68	ng	89
13) 1,3-Dichlorobenzene	5.685	146	249410	82.11	ng	97
14) 1,4-Dichlorobenzene	5.749	146	259417	81.97	ng	97
15) 1,2-Dichlorobenzene	5.872	146	242727	82.74	ng	98
16) Benzyl alcohol	5.851	108	161707	80.76	ng	80
17) bis(2-chloroisopropyl)...	5.963	45	352032	76.04	ng	94
18) 2-Methylphenol	5.942	108	224412	79.20	ng	99
19) Acetophenone	6.065	105	322448	72.62	ng	81
20) Hexachloroethane	6.151	117	96443	81.31	ng	74
21) N-Nitroso-di-n-propyla...	6.070	70	181675	78.33	ng	76
22) 3&4-Methylphenol	6.070	108	230365	79.28	ng	100
25) Nitrobenzene	6.204	77	264448	79.83	ng	84
26) Isophorone	6.391	82	496546	81.22	ng	91
27) 2-Nitrophenol	6.455	139	130843	82.60	ng	88
28) 2,4-Dimethylphenol	6.482	107	252128	80.81	ng	98
29) Benzoic Acid	6.562	105	104998m	90.33	ng	
30) bis(2-Chloroethoxy)met...	6.557	93	268999	80.29	ng	97
31) 2,4-Dichlorophenol	6.637	162	205819	83.15	ng	88
32) 1,2,4-Trichlorobenzene	6.701	180	220417	85.56	ng	98
33) Naphthalene	6.766	128	701024	81.51	ng	99
34) 4-Chloroaniline	6.798	127	223652	67.59	ng	100
35) Hexachlorobutadiene	6.851	225	127263	87.41	ng	97
36) Caprolactam	7.087	113	82702	74.63	ng	72
37) 4-Chloro-3-methylphenol	7.167	107	230650	82.97	ng	85
38) 2-Methylnaphthalene	7.295	142	495101	83.64	ng	99
39) Methylnaphthalenes (To...	7.295	142	495101	83.64	ng	99
40) 1,1'-Biphenyl	7.664	154	598289	83.28	ng	94
42) 1,2,4,5-Tetrachloroben...	7.423	216	233290	78.14	ng	98
43) Hexachlorocyclopentadiene	7.413	237	128102	97.18	ng	99
44) 2,4,6-Trichlorophenol	7.514	196	149396	84.15	ng	99
45) 2,4,5-Trichlorophenol	7.547	196	163632	84.26	ng	98
47) 2-Chloronaphthalene	7.691	162	451839	80.53	ng	93
48) 1,4-Dimethylnaphthalene	7.969	156	365303	82.69	ng	91
49) Dimethylnaphthalenes (...	7.969	156	365303	82.69	ng	91
50) Diphenyl Ether	7.750	170	329679	77.01	ng	80
51) 2-Nitroaniline	7.766	65	190419	78.30	ng	75
52) Acenaphthylene	8.044	152	770124	83.18	ng	99
53) Dimethylphthalate	7.916	163	545093	80.68	ng	98
54) 2,6-Dinitrotoluene	7.969	165	128345	81.34	ng	66
55) Acenaphthene	8.194	153	477304	81.69	ng	95
56) 3-Nitroaniline	8.119	138	122525	72.43	ng	77
57) 2,4-Dinitrophenol	8.210	184	55857	88.67	ng	84
58) Dibenzofuran	8.349	168	671887	80.08	ng	87
59) 2,4-Dinitrotoluene	8.327	165	173305	80.65	ng	68

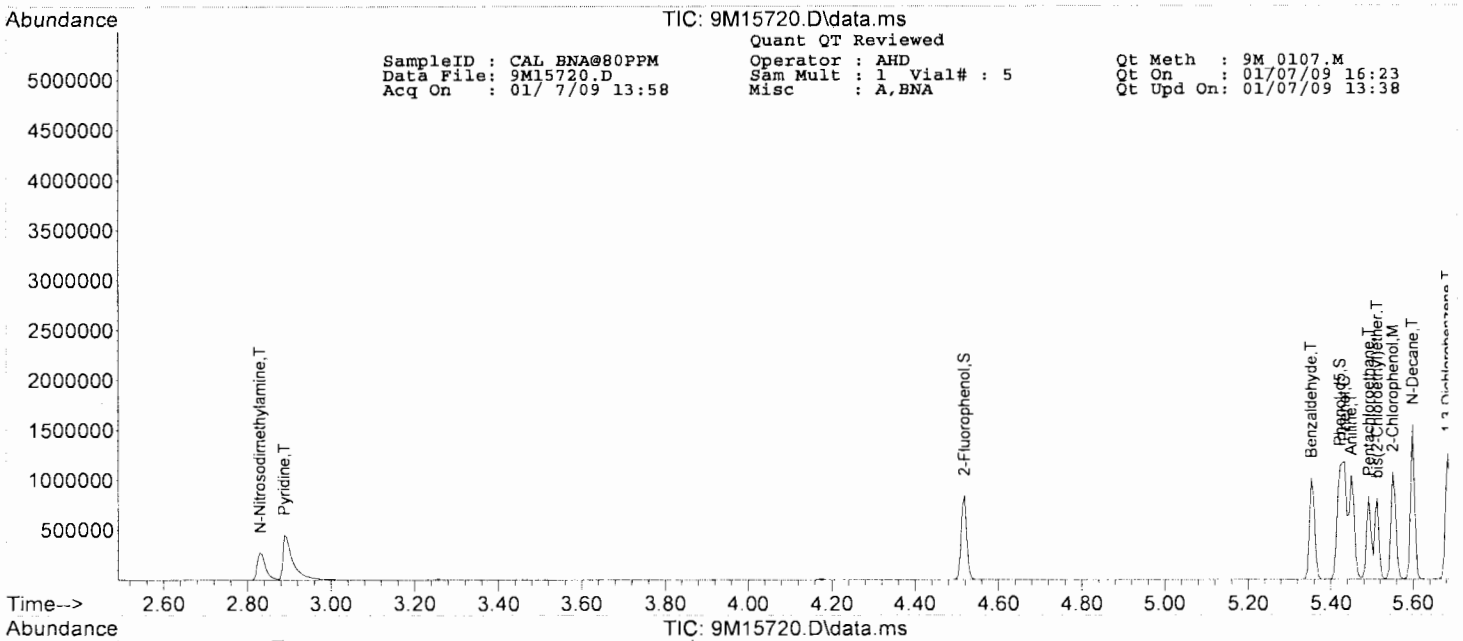
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15720.D Sam Mult : 1 Vial# : 5 Qt On : 01/07/09 16:23
Acq On : 01/ 7/09 13:58 Misc : A,BNA Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.253	65	108525	80.58	ng	89
61)	2,3,4,6-Tetrachlorophenol	8.456	232	138842	86.74	ng	85
62)	Fluorene	8.670	166	561479	80.18	ng	100
63)	4-Chlorophenyl-phenyle...	8.659	204	269333	81.99	ng	85
64)	Diethylphthalate	8.541	149	539724	80.16	ng	98
65)	4-Nitroaniline	8.686	138	155777	79.01	ng	79
66)	Atrazine	9.306	200	162962	76.94	ng	96
68)	4,6-Dinitro-2-methylph...	8.707	198	90918	98.05	ng	100
69)	n-Nitrosodiphenylamine	8.771	169	485774	84.04	ng	99
71)	1,2-Diphenylhydrazine	8.814	77	584345	80.19	ng	87
72)	4-Bromophenyl-phenylether	9.146	248	156948	84.10	ng	82
73)	Hexachlorobenzene	9.210	284	161453	83.36	ng	69
74)	N-Octadecane	9.483	57	373288	82.98	ng	84
75)	Pentachlorophenol	9.408	266	84612	111.59	ng	97
76)	Phenanthrene	9.643	178	827476	82.37	ng	99
77)	Anthracene	9.702	178	826811	79.87	ng	99
78)	Carbazole	9.868	167	826347	82.80	ng	98
79)	Di-n-butylphthalate	10.253	149	959412	83.95	ng	97
80)	Fluoranthene	10.975	202	934068	83.06	ng	88
82)	Pyrene	11.237	202	988281	86.13	ng	87
83)	Benzidine	11.130	184	291396	98.06	ng	88
85)	4,4'-DDE	11.355	246	201100	89.28	ng	96
86)	Endrin	11.686	81	53792	85.23	ng	52
87)	4,4'-DDD	11.756	235	362383	89.62	ng	94
88)	Butylbenzylphthalate	12.013	149	437930	85.85	ng	77
89)	Endrin aldehyde	11.686	67	31519	87.66	ng	72
90)	4,4'-DDT	12.114	235	363762	89.01	ng	98
91)	Endrin ketone	12.596	317	35824	85.47	ng	99
92)	3,3'-Dichlorobenzidine	12.633	252	215830	62.40	ng	96
93)	Benzo[a]anthracene	12.660	228	915708	82.58	ng	99
94)	Chrysene	12.703	228	882425	83.59	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.708	149	587672	85.05	ng	93
97)	Di-n-octylphthalate	13.457	149	1018605	90.71	ng	100
98)	Benzo[b]fluoranthene	13.874	252	836885	82.95	ng	93
99)	Benzo[k]fluoranthene	13.901	252	887127m	88.62	ng	
100)	Benzo[a]pyrene	14.222	252	825264	86.29	ng	92
101)	Indeno[1,2,3-cd]pyrene	15.559	276	881289	86.10	ng	86
102)	Dibenzo[a,h]anthracene	15.580	278	725623	84.42	ng	91
103)	Benzo[g,h,i]perylene	15.928	276	724739	85.46	ng	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed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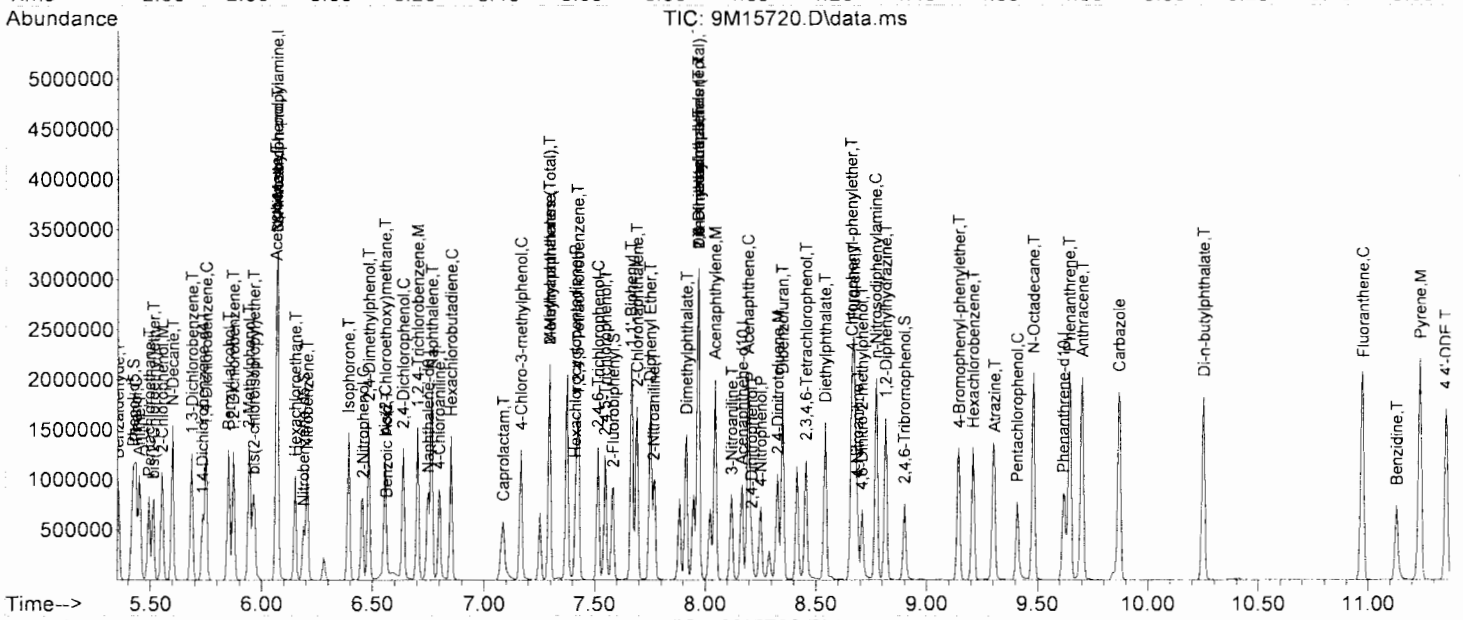
Quant QT Reviewed
SampleID : CAL BNA@80PPM
Data File: 9M15720.D
Acq On : 01/ 7/09 13:58
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 9M_0107.M
Qt On : 01/07/09 16:23
Qt Upd On: 01/07/09 13:38
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
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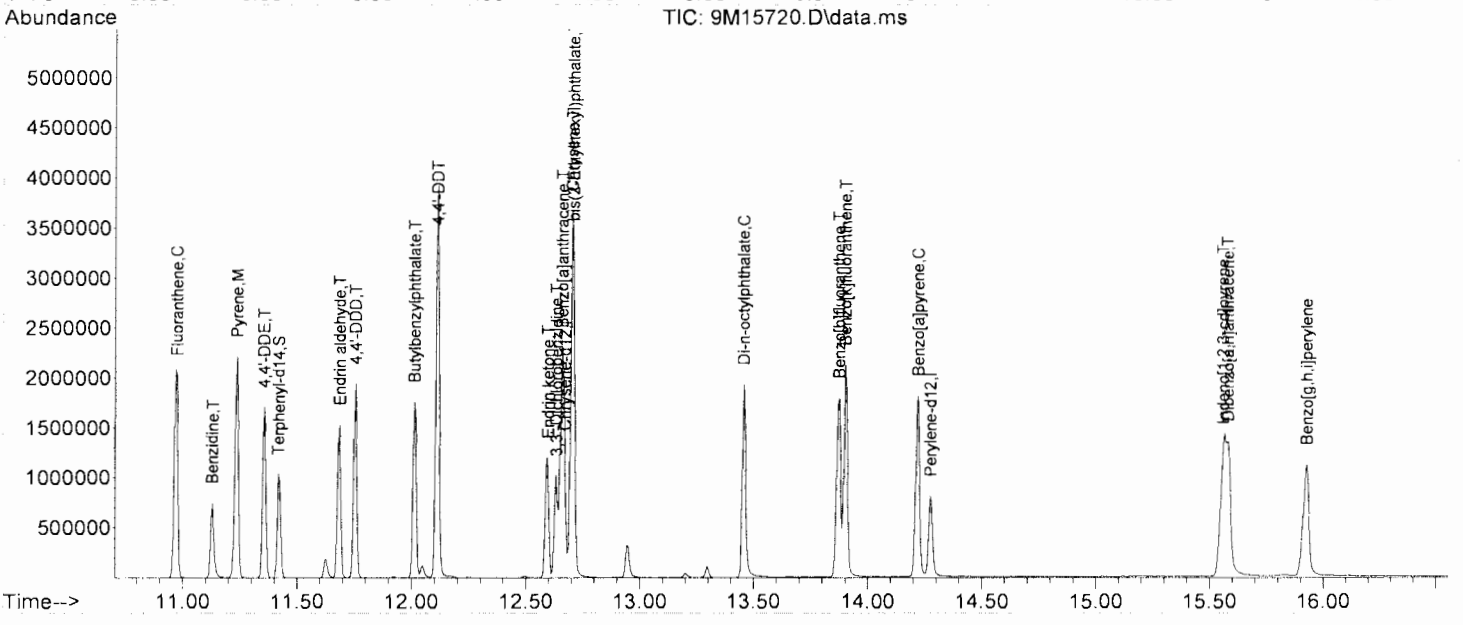
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
Hexachlorocyclopentadiene,T
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
Fluorene,M
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->


Abundance
TIC: 9M15720.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15719.D Sam Mult : 1 Vial# : 4 Qt On : 01/07/09 16:23
Acq On : 01/ 7/09 13:35 Misc : A,BNA Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.733	152	79148	40.00	ng	0.00
23) Naphthalene-d8	6.750	136	321763	40.00	ng	0.00
41) Acenaphthene-d10	8.167	164	193672	40.00	ng	0.00
67) Phenanthrene-d10	9.622	188	323540	40.00	ng	0.00
81) Chrysene-d12	12.676	240	325828	40.00	ng	0.00
96) Perylene-d12	14.280	264	302694	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.519	112	327387	129.69	ng	0.00
Spiked Amount 100.000			Recovery = 129.69%			
9) Phenol-d5	5.423	99	456629	122.29	ng	0.00
Spiked Amount 100.000			Recovery = 122.29%			
24) Nitrobenzene-d5	6.193	128	89254	63.16	ng	0.00
Spiked Amount 50.000			Recovery = 126.32%			
46) 2-Fluorobiphenyl	7.584	172	393917	62.91	ng	0.00
Spiked Amount 50.000			Recovery = 125.82%			
70) 2,4,6-Tribromophenol	8.905	330	106288	147.43	ng	0.00
Spiked Amount 100.000			Recovery = 147.43%			
84) Terphenyl-d14	11.424	244	508255	65.61	ng	0.00
Spiked Amount 50.000			Recovery = 131.22%			
Target Compounds						Qvalue
2) Pyridine	2.888	79	360034	122.62	ng	82
3) N-Nitrosodimethylamine	2.834	74	220655	117.98	ng	83
5) Benzaldehyde	5.354	77	252185	131.95	ng	85
6) Aniline	5.455	93	488901	121.85	ng	87
7) Pentachloroethane	5.493	117	106421	123.59	ng	76
8) bis(2-Chloroethyl)ether	5.514	93	311992	115.81	ng	87
10) Phenol	5.439	94	491067	116.76	ng	91
11) 2-Chlorophenol	5.557	128	358838	122.86	ng	83
12) N-Decane	5.600	57	356377	115.26	ng	88
13) 1,3-Dichlorobenzene	5.685	146	371121	123.43	ng	97
14) 1,4-Dichlorobenzene	5.749	146	387633	123.74	ng	98
15) 1,2-Dichlorobenzene	5.872	146	361901	124.63	ng	97
16) Benzyl alcohol	5.856	108	241658	121.93	ng	76
17) bis(2-chloroisopropyl)...	5.963	45	503147	109.79	ng	95
18) 2-Methylphenol	5.947	108	332878	118.68	ng	99
19) Acetophenone	6.070	105	458947	104.41	ng	79
20) Hexachloroethane	6.150	117	142295	121.19	ng	75
21) N-Nitroso-di-n-propyla...	6.070	70	259134	112.87	ng	75
22) 3&4-Methylphenol	6.076	108	332806	115.71	ng	100
25) Nitrobenzene	6.209	77	388875	118.83	ng	80
26) Isophorone	6.397	82	727574	120.48	ng	87
27) 2-Nitrophenol	6.455	139	195931	125.22	ng	89
28) 2,4-Dimethylphenol	6.482	107	376446	122.15	ng	99
29) Benzoic Acid	6.578	105	191286m	166.60	ng	
30) bis(2-Chloroethoxy)met...	6.557	93	390517	118.00	ng	96
31) 2,4-Dichlorophenol	6.643	162	310939	127.17	ng	86
32) 1,2,4-Trichlorobenzene	6.701	180	327500	128.69	ng	99
33) Naphthalene	6.766	128	1042629	122.72	ng	99
34) 4-Chloroaniline	6.803	127	297739	91.09	ng	100
35) Hexachlorobutadiene	6.851	225	186568	129.73	ng	97
36) Caprolactam	7.097	113	121852	111.31	ng	71
37) 4-Chloro-3-methylphenol	7.167	107	337803	123.01	ng	88
38) 2-Methylnaphthalene	7.295	142	724581	123.92	ng	100
39) Methylnaphthalenes (To...	7.295	142	724581	123.92	ng	100
40) 1,1'-Biphenyl	7.670	154	878686	123.81	ng	93
42) 1,2,4,5-Tetrachloroben...	7.429	216	345207	117.10	ng	99
43) Hexachlorocyclopentadiene	7.418	237	199331	153.13	ng	99
44) 2,4,6-Trichlorophenol	7.514	196	227244	129.62	ng	99
45) 2,4,5-Trichlorophenol	7.552	196	246466	128.51	ng	99
47) 2-Chloronaphthalene	7.691	162	680417	122.80	ng	94
48) 1,4-Dimethylnaphthalene	7.969	156	534812	122.59	ng	93
49) Dimethylnaphthalenes (...	7.969	156	534812	122.59	ng	93
50) Diphenyl Ether	7.755	170	481681	113.94	ng	75
51) 2-Nitroaniline	7.771	65	274136	114.15	ng	65
52) Acenaphthylene	8.049	152	1127564	123.33	ng	99
53) Dimethylphthalate	7.916	163	810944	121.56	ng	98
54) 2,6-Dinitrotoluene	7.974	165	189647	121.71	ng	61
55) Acenaphthene	8.199	153	713709	123.69	ng	95
56) 3-Nitroaniline	8.124	138	172474	103.24	ng	74
57) 2,4-Dinitrophenol	8.215	184	94430	151.80	ng	81
58) Dibenzofuran	8.354	168	1019955	123.10	ng	85
59) 2,4-Dinitrotoluene	8.333	165	268893	126.72	ng	64

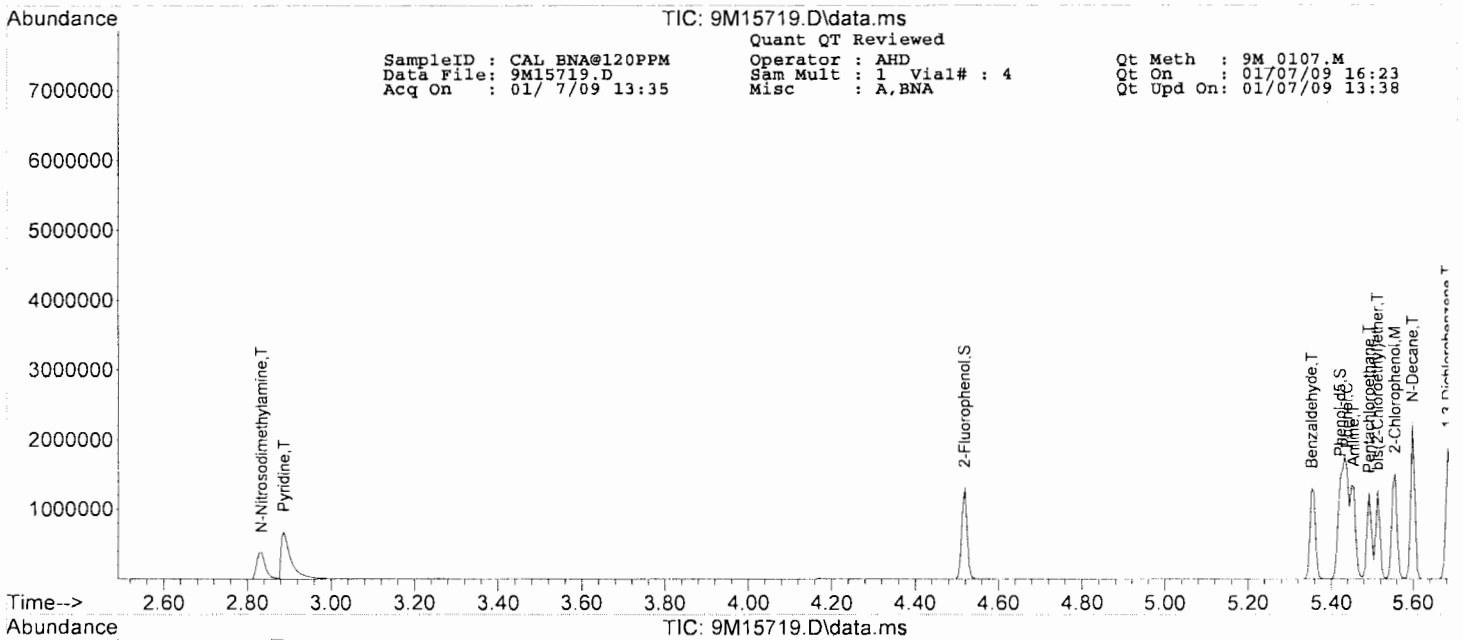
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15719.D Sam Mult : 1 Vial# : 4 Qt On : 01/07/09 16:23
Acq On : 01/ 7/09 13:35 Misc : A,BNA Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.258	65	159585	120.00	ng	89
61)	2,3,4,6-Tetrachlorophenol	8.456	232	219814	139.06	ng	85
62)	Fluorene	8.670	166	831774	120.28	ng	100
63)	4-Chlorophenyl-phenyle...	8.659	204	401340	123.72	ng	87
64)	Diethylphthalate	8.547	149	806737	121.33	ng	96
65)	4-Nitroaniline	8.691	138	232568	119.45	ng	80
66)	Atrazine	9.306	200	244339	116.82	ng	98
68)	4,6-Dinitro-2-methylph...	8.712	198	142847	154.55	ng	100
69)	n-Nitrosodiphenylamine	8.777	169	725907	126.00	ng	100
71)	1,2-Diphenylhydrazine	8.819	77	851031	117.17	ng	82
72)	4-Bromophenyl-phenylether	9.146	248	243493	130.91	ng	83
73)	Hexachlorobenzene	9.210	284	252235	130.66	ng	70
74)	N-Octadecane	9.483	57	520498	116.09	ng	83
75)	Pentachlorophenol	9.413	266	137054	181.34	ng	96
76)	Phenanthrene	9.649	178	1219948	121.84	ng	100
77)	Anthracene	9.702	178	1257899	121.91	ng	99
78)	Carbazole	9.873	167	1206963	121.33	ng	98
79)	Di-n-butylphthalate	10.253	149	1409870	123.76	ng	98
80)	Fluoranthene	10.975	202	1375156	122.68	ng	92
82)	Pyrene	11.242	202	1494436	130.14	ng	85
83)	Benzidine	11.130	184	405296	136.29	ng	89
85)	4,4'-DDE	11.360	246	299617	132.93	ng	94
86)	Endrin	11.686	81	76570	121.24	ng	44
87)	4,4'-DDD	11.756	235	539684	133.37	ng	95
88)	Butylbenzylphthalate	12.018	149	645829	126.51	ng	73
89)	Endrin aldehyde	11.686	67	44955	124.93	ng	74
90)	4,4'-DDT	12.114	235	547654	133.92	ng	97
91)	Endrin ketone	12.596	317	56888	135.63	ng	97
92)	3,3'-Dichlorobenzidine	12.633	252	321604	92.91	ng	98
93)	Benzo[a]anthracene	12.660	228	1366896	123.17	ng	100
94)	Chrysene	12.708	228	1305581	123.59	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.713	149	850459	122.99	ng	92
97)	Di-n-octylphthalate	13.462	149	1534891	135.68	ng	100
98)	Benzo[b]fluoranthene	13.874	252	1303872	128.27	ng	94
99)	Benzo[k]fluoranthene	13.906	252	1250883m	124.03	ng	
100)	Benzo[a]pyrene	14.222	252	1251626	129.91	ng	94
101)	Indeno[1,2,3-cd]pyrene	15.569	276	1357775	131.67	ng	87
102)	Dibenzo[a,h]anthracene	15.585	278	1134549	131.01	ng	91
103)	Benzo[g,h,i]perylene	15.933	276	1098816	128.61	ng	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Data File: 9M15719.D
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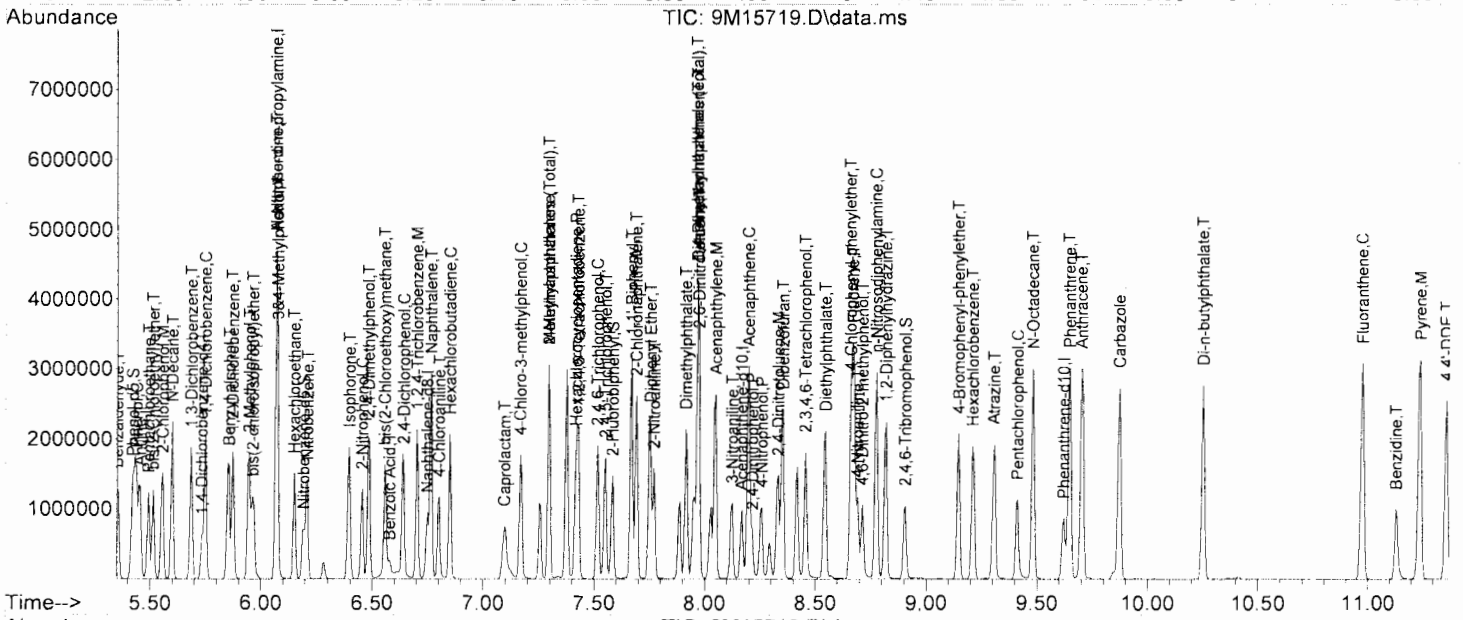
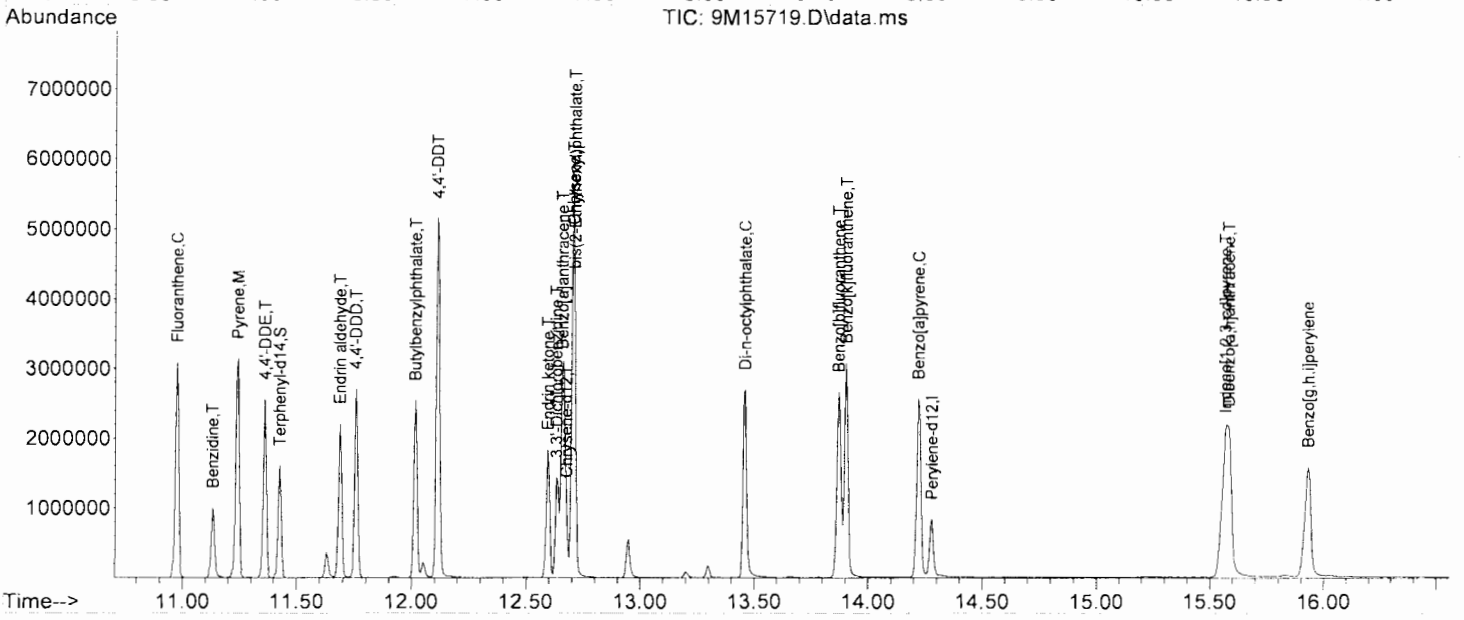
Quant QT Reviewed
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 9M_0107.M
Qt On : 01/07/09 16:23
Qt Upd On: 01/07/09 13:38
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 9M15719.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
Hexachlorocyclopentadiene,T
Hexachlorobutadiene,C
Naphthalene,T
4-Chloroaniline,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Benzoic Acid
bis(2-Chloroethoxy)methane,T
2-Nitrophenol,T
2,4-Dimethylphenol,T
Hexachloroethane,T
Nitrobenzene,T
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene,C
3-Nitroaniline,T
2,4-Dinitrophenol,P
4-Nitrophenol,P
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Chlorophenyl-phenylether,T
4-Nitroaniline,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->


Abundance
TIC: 9M15719.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Benzo(b)fluoranthene,T
Benzo(k)fluoranthene,T
Benzo(a)pyrene,C
Perylene-d12,I
Di-n-octylphthalate,C
Indeno(1,2,3-cd)pyrene,T
Dibenz(a,h)anthracene,T
Benzo(g,h,i)perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15718.D Sam Mult : 1 Vial# : 3 Qt On : 01/07/09 13:38
Acq On : 01/ 7/09 13:13 Misc : A,BNA Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.733	152	74869	40.00	ng	0.00
23) Naphthalene-d8	6.750	136	307283	40.00	ng	0.00
41) Acenaphthene-d10	8.167	164	184933	40.00	ng	0.00
67) Phenanthrene-d10	9.622	188	307651	40.00	ng	0.00
81) Chrysene-d12	12.676	240	318724	40.00	ng	0.00
96) Perylene-d12	14.280	264	308457	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.519	112	405973	170.01	ng	0.00
Spiked Amount 100.000			Recovery = 170.01%			
9) Phenol-d5	5.428	99	552051	156.29	ng	0.00
Spiked Amount 100.000			Recovery = 156.29%			
24) Nitrobenzene-d5	6.193	128	109899	81.44	ng	0.00
Spiked Amount 50.000			Recovery = 162.88%			
46) 2-Fluorobiphenyl	7.584	172	489057	81.79	ng	0.00
Spiked Amount 50.000			Recovery = 163.58%			
70) 2,4,6-Tribromophenol	8.905	330	135850	198.16	ng	0.00
Spiked Amount 100.000			Recovery = 198.16%			
84) Terphenyl-d14	11.424	244	656146	86.59	ng	0.00
Spiked Amount 50.000			Recovery = 173.18%			
Target Compounds						Qvalue
2) Pyridine	2.888	79	452485	162.91	ng	81
3) N-Nitrosodimethylamine	2.834	74	272379	153.96	ng	82
5) Benzaldehyde	5.359	77	303455	167.85	ng	82
6) Aniline	5.455	93	603615	159.04	ng	51
7) Pentachloroethane	5.493	117	131242	161.12	ng	76
8) bis(2-Chloroethyl)ether	5.519	93	380925	149.48	ng	84
10) Phenol	5.439	94	603727	151.75	ng	92
11) 2-Chlorophenol	5.557	128	441597	159.83	ng	85
12) N-Decane	5.600	57	420422	143.75	ng	89
13) 1,3-Dichlorobenzene	5.685	146	458840	161.33	ng	97
14) 1,4-Dichlorobenzene	5.749	146	468435	158.08	ng	99
15) 1,2-Dichlorobenzene	5.878	146	448379	163.23	ng	98
16) Benzyl alcohol	5.856	108	298473	159.20	ng	77
17) bis(2-chloroisopropyl)...	5.969	45	604322	139.41	ng	94
18) 2-Methylphenol	5.947	108	408842	154.09	ng	98
19) Acetophenone	6.070	105	562959	135.40	ng	78
20) Hexachloroethane	6.151	117	177216	159.56	ng	80
21) N-Nitroso-di-n-propyla...	6.076	70	316691	145.83	ng	75
22) 3&4-Methylphenol	6.076	108	409025	150.34	ng	96
25) Nitrobenzene	6.209	77	473387	151.47	ng	82
26) Isophorone	6.397	82	893271	154.89	ng	89
27) 2-Nitrophenol	6.455	139	243024	162.63	ng	91
28) 2,4-Dimethylphenol	6.487	107	457732	155.52	ng	96
29) Benzoic Acid	6.589	105	247131m	225.38	ng	
30) bis(2-Chloroethoxy)met...	6.562	93	476296	150.70	ng	96
31) 2,4-Dichlorophenol	6.643	162	382869	163.97	ng	87
32) 1,2,4-Trichlorobenzene	6.707	180	408506	168.08	ng	98
33) Naphthalene	6.766	128	1271059	156.65	ng	99
34) 4-Chloroaniline	6.803	127	307024	98.36	ng	99
35) Hexachlorobutadiene	6.851	225	233919	170.32	ng	96
36) Caprolactam	7.113	113	148377	141.92	ng	70
37) 4-Chloro-3-methylphenol	7.172	107	409026	155.96	ng	83
38) 2-Methylnaphthalene	7.300	142	873288	156.39	ng	99
39) Methylnaphthalenes (To...	7.300	142	873288	156.39	ng	99
40) 1,1'-Biphenyl	7.670	154	1070279	157.92	ng	94
42) 1,2,4,5-Tetrachloroben...	7.429	216	429297	152.50	ng	98
43) Hexachlorocyclopentadiene	7.418	237	256016	205.97	ng	99
44) 2,4,6-Trichlorophenol	7.520	196	281226	168.00	ng	99
45) 2,4,5-Trichlorophenol	7.552	196	307336	167.83	ng	99
47) 2-Chloronaphthalene	7.696	162	842992	159.33	ng	92
48) 1,4-Dimethylnaphthalene	7.969	156	657944	157.94	ng	92
49) Dimethylnaphthalenes (...	7.969	156	657944	157.94	ng	92
50) Diphenyl Ether	7.755	170	602610	149.28	ng	76
51) 2-Nitroaniline	7.771	65	337840	147.33	ng	70
52) Acenaphthylene	8.049	152	1364048	156.24	ng	99
53) Dimethylphthalate	7.921	163	1015074	159.34	ng	99
54) 2,6-Dinitrotoluene	7.974	165	234013	157.28	ng	63
55) Acenaphthene	8.199	153	861551	156.37	ng	96
56) 3-Nitroaniline	8.124	138	194785	122.11	ng	78
57) 2,4-Dinitrophenol	8.215	184	122865	206.85	ng	84
58) Dibenzofuran	8.354	168	1246543	157.56	ng	86
59) 2,4-Dinitrotoluene	8.338	165	336924	166.29	ng	63

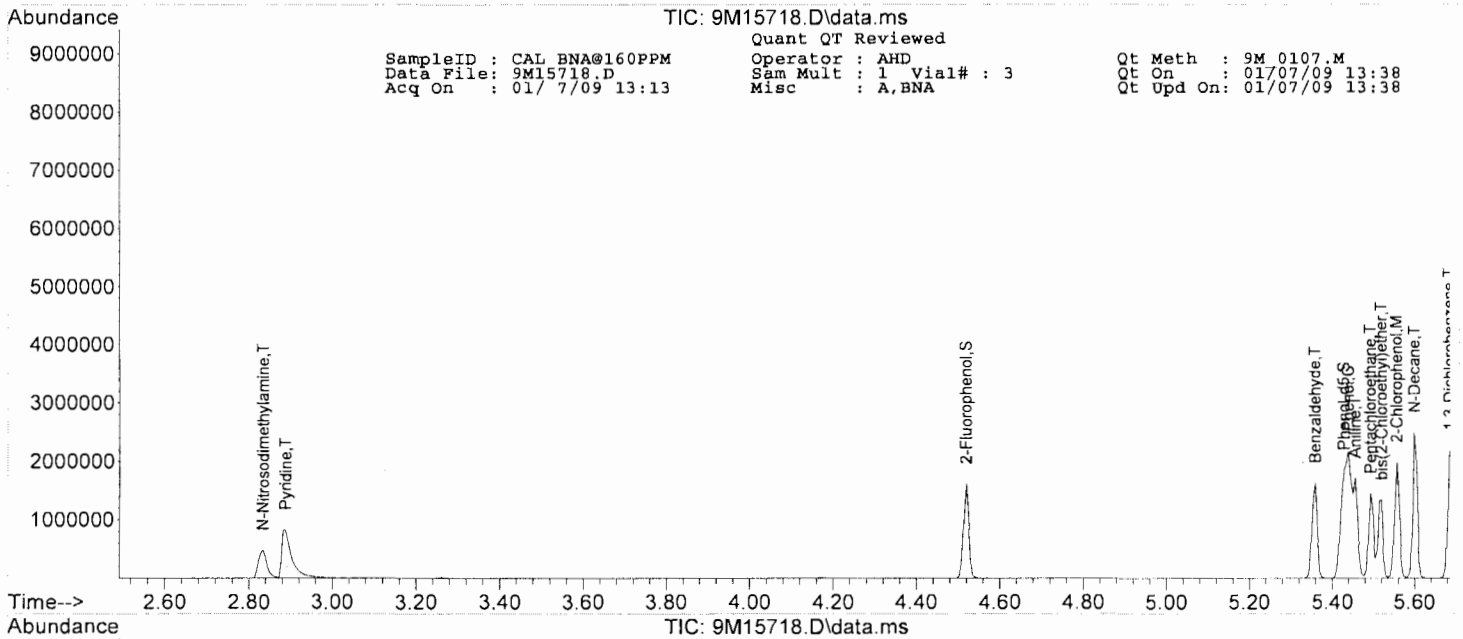
Quantitation Report (QT Reviewed)

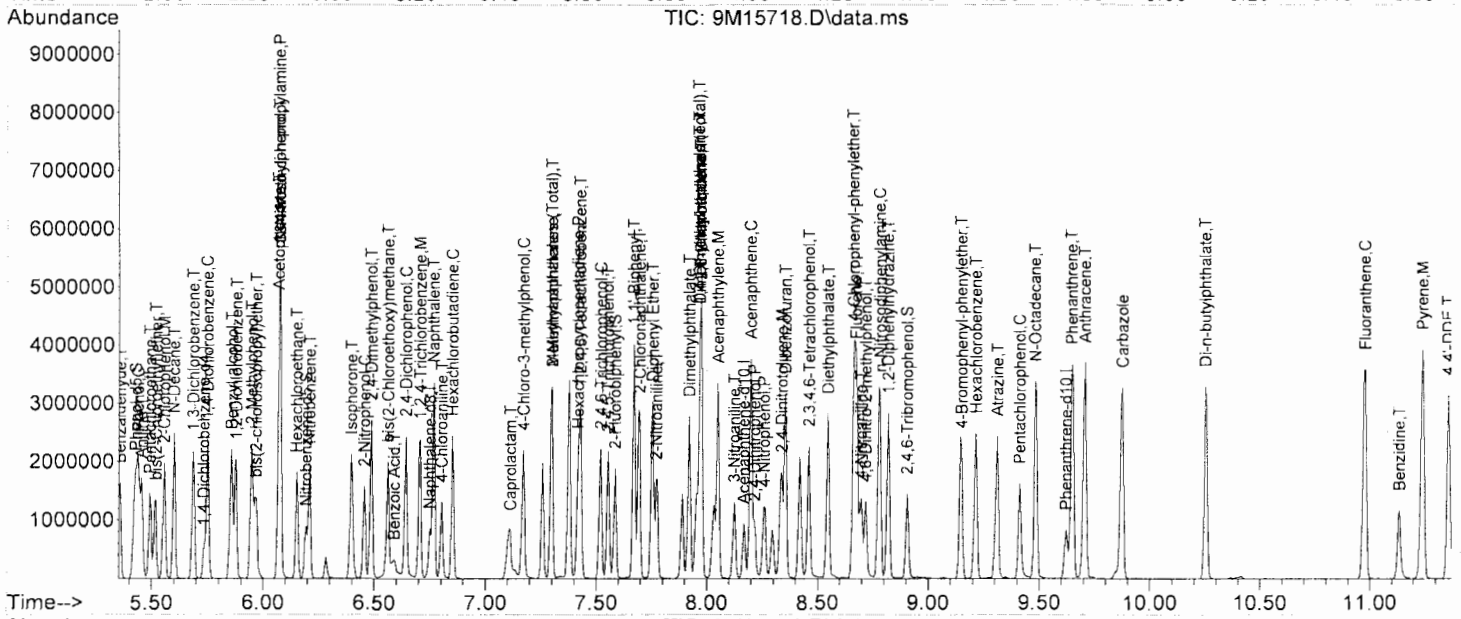
SampleID : CAL BNA@160PPM
Data File: 9M15718.D
Acq On : 01/ 7/09 13:13
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 9M_0107.M
Qt On : 01/07/09 13:38
Qt Upd On: 01/07/09 13:38

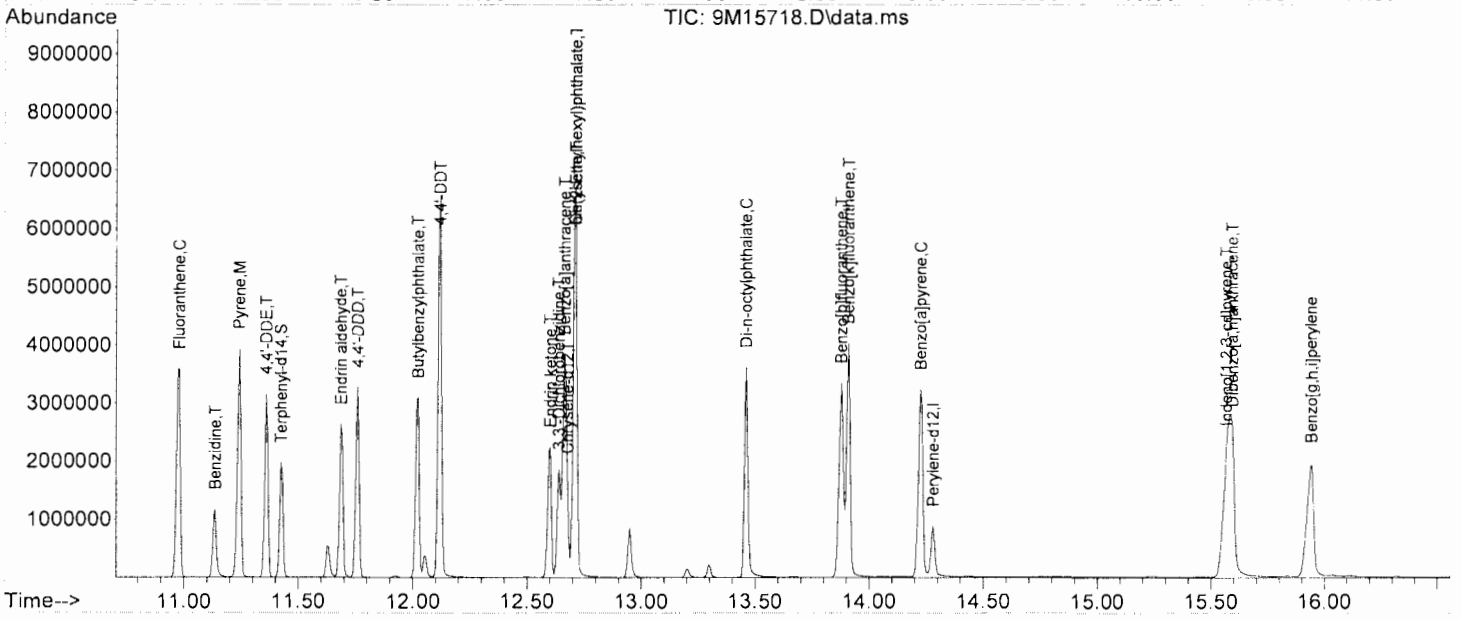
Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.258	65	202020	159.08	ng	94
61) 2,3,4,6-Tetrachlorophenol	8.461	232	266927	176.84	ng	84
62) Fluorene	8.675	166	1025167	155.25	ng	99
63) 4-Chlorophenyl-phenyle...	8.664	204	509238	164.39	ng	82
64) Diethylphthalate	8.547	149	1015050	159.87	ng	96
65) 4-Nitroaniline	8.696	138	294871	158.61	ng	79
66) Atrazine	9.312	200	300082	150.26	ng	96
68) 4,6-Dinitro-2-methylph...	8.718	198	185433	210.99	ng	100
69) n-Nitrosodiphenylamine	8.782	169	892293	162.88	ng	99
71) 1,2-Diphenylhydrazine	8.819	77	1042098	150.89	ng	85
72) 4-Bromophenyl-phenylether	9.151	248	308465	174.40	ng	80
73) Hexachlorobenzene	9.215	284	319911	174.27	ng	65
74) N-Octadecane	9.483	57	637044	149.42	ng	83
75) Pentachlorophenol	9.413	266	180116	250.63	ng	98
76) Phenanthrene	9.649	178	1525709	160.25	ng	100
77) Anthracene	9.707	178	1542302	157.20	ng	99
78) Carbazole	9.879	167	1544648	163.30	ng	97
79) Di-n-butylphthalate	10.253	149	1786014	164.88	ng	98
80) Fluoranthene	10.980	202	1746181	163.83	ng	89
82) Pyrene	11.242	202	1821108	162.13	ng	88
83) Benzidine	11.135	184	480905	165.32	ng	86
85) 4,4'-DDE	11.360	246	388235	176.09	ng	93
86) Endrin	11.686	81	92870	150.33	ng	40
87) 4,4'-DDD	11.761	235	681594	172.19	ng	96
88) Butylbenzylphthalate	12.023	149	843198	168.85	ng	70
89) Endrin aldehyde	11.686	67	53850	152.99	ng	77
90) 4,4'-DDT	12.120	235	704389	176.08	ng	96
91) Endrin ketone	12.601	317	75701	184.50	ng	99
92) 3,3'-Dichlorobenzidine	12.638	252	386743	114.22	ng	96
93) Benzo[a]anthracene	12.665	228	1761065	162.23	ng	99
94) Chrysene	12.713	228	1605353	155.36	ng	98
95) bis(2-Ethylhexyl)phtha...	12.713	149	1055810	156.09	ng	92
97) Di-n-octylphthalate	13.462	149	1950622	169.21	ng	100
98) Benzo[b]fluoranthene	13.879	252	1779051	171.75	ng	94
99) Benzo[k]fluoranthene	13.911	252	1635403m	159.13	ng	
100) Benzo[a]pyrene	14.227	252	1658864	168.96	ng	93
101) Indeno[1,2,3-cd]pyrene	15.569	276	1815790	172.80	ng	85
102) Dibenzo[a,h]anthracene	15.596	278	1529582	173.33	ng	89
103) Benzo[g,h,i]perylene	15.944	276	1476155	169.55	ng	87

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


Abundance
TIC: 9M15718.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@160PPM
Data File: 9M15718.D
Acq On : 01/ 7/09 13:13
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 9M_0107.M
Qt On : 01/07/09 13:38
Qt Upd On: 01/07/09 13:38
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 9M15718.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
Benzoic Acid,T
Naphthalene,C
4-Chloroaniline,T
Hexachlorobutadiene,C
Acenaphthylene,M
Acenaphthene,C
Dimethylphthalate,T
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
2,4-Dinitrotoluene,M
Fluorene,C
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->


Abundance
TIC: 9M15718.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15717.D Sam Mult : 1 Vial# : 2 Qt On : 01/07/09 13:38
Acq On : 01/ 7/09 12:46 Misc : A,BNA Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.733	152	71440	40.00	ng	0.00
23) Naphthalene-d8	6.750	136	285544	40.00	ng	0.00
41) Acenaphthene-d10	8.167	164	172975	40.00	ng	0.00
67) Phenanthrene-d10	9.622	188	298554	40.00	ng	0.00
81) Chrysene-d12	12.681	240	305327	40.00	ng	0.00
96) Perylene-d12	14.280	264	301426	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.519	112	473562	207.84	ng	0.00
Spiked Amount 100.000			Recovery = 207.84%			
9) Phenol-d5	5.428	99	638540	189.45	ng	0.00
Spiked Amount 100.000			Recovery = 189.45%			
24) Nitrobenzene-d5	6.193	128	127374	101.57	ng	0.00
Spiked Amount 50.000			Recovery = 203.14%			
46) 2-Fluorobiphenyl	7.584	172	563293	100.72	ng	0.00
Spiked Amount 50.000			Recovery = 201.44%			
70) 2,4,6-Tribromophenol	8.905	330	163255	245.39	ng	0.00
Spiked Amount 100.000			Recovery = 245.39%			
84) Terphenyl-d14	11.430	244	790314	108.88	ng	0.00
Spiked Amount 50.000			Recovery = 217.76%			
Target Compounds						Qvalue
2) Pyridine	2.888	79	524374	197.85	ng	81
3) N-Nitrosodimethylamine	2.834	74	324590	192.28	ng	83
5) Benzaldehyde	5.359	77	354991	205.78	ng	82
6) Aniline	5.455	93	703424	194.24	ng	51
7) Pentachloroethane	5.493	117	149193	191.95	ng	74
8) bis(2-Chloroethyl)ether	5.519	93	440267	181.06	ng	86
10) Phenol	5.445	94	692530	182.42	ng	98
11) 2-Chlorophenol	5.557	128	506243	192.03	ng	85
12) N-Decane	5.600	57	479327	171.76	ng	88
13) 1,3-Dichlorobenzene	5.685	146	527108	194.23	ng	97
14) 1,4-Dichlorobenzene	5.749	146	542735	191.95	ng	97
15) 1,2-Dichlorobenzene	5.878	146	509490	194.38	ng	98
16) Benzyl alcohol	5.856	108	344346	192.49	ng	80
17) bis(2-chloroisopropyl)...	5.969	45	687580	166.23	ng	95
18) 2-Methylphenol	5.947	108	468899	185.21	ng	99
19) Acetophenone	6.076	105	641657	161.73	ng	79
20) Hexachloroethane	6.151	117	201641	190.27	ng	77
21) N-Nitroso-di-n-propyla...	6.076	70	358700	173.10	ng	74
22) 3&4-Methylphenol	6.076	108	463395	178.50	ng	95
25) Nitrobenzene	6.209	77	537755	185.17	ng	83
26) Isophorone	6.402	82	1022468	190.79	ng	86
27) 2-Nitrophenol	6.455	139	280667	202.12	ng	92
28) 2,4-Dimethylphenol	6.488	107	519751	190.03	ng	97
29) Benzoic Acid	6.600	105	306932m	301.22	ng	
30) bis(2-Chloroethoxy)met...	6.562	93	550773	187.53	ng	95
31) 2,4-Dichlorophenol	6.643	162	438118	201.91	ng	87
32) 1,2,4-Trichlorobenzene	6.707	180	461658	204.41	ng	98
33) Naphthalene	6.766	128	1438971	190.85	ng	99
34) 4-Chloroaniline	6.803	127	304256	104.90	ng	100
35) Hexachlorobutadiene	6.851	225	268159	210.11	ng	96
36) Caprolactam	7.119	113	173650	178.74	ng	72
37) 4-Chloro-3-methylphenol	7.172	107	488247	200.34	ng	84
38) 2-Methylnaphthalene	7.301	142	995969	191.94	ng	98
39) Methylnaphthalenes (To...	7.301	142	995969	191.94	ng	98
40) 1,1'-Biphenyl	7.670	154	1257614	199.68	ng	94
42) 1,2,4,5-Tetrachloroben...	7.429	216	492381	187.00	ng	98
43) Hexachlorocyclopentadiene	7.418	237	301065	258.96	ng	100
44) 2,4,6-Trichlorophenol	7.520	196	328164	209.59	ng	100
45) 2,4,5-Trichlorophenol	7.552	196	363990	212.50	ng	99
47) 2-Chloronaphthalene	7.696	162	974437	196.91	ng	91
48) 1,4-Dimethylnaphthalene	7.969	156	763748	196.01	ng	94
49) Dimethylnaphthalenes (...	7.969	156	763748	196.01	ng	94
50) Diphenyl Ether	7.755	170	702770	186.13	ng	76
51) 2-Nitroaniline	7.777	65	394500	183.93	ng	58
52) Acenaphthylene	8.049	152	1595461	195.39	ng	99
53) Dimethylphthalate	7.921	163	1179168	197.90	ng	99
54) 2,6-Dinitrotoluene	7.980	165	276194	198.46	ng	56
55) Acenaphthene	8.199	153	993755	192.84	ng	96
56) 3-Nitroaniline	8.124	138	226015	151.48	ng	79
57) 2,4-Dinitrophenol	8.220	184	152161	273.87	ng	78
58) Dibenzofuran	8.354	168	1438320	194.36	ng	86
59) 2,4-Dinitrotoluene	8.338	165	387413	204.43	ng	64

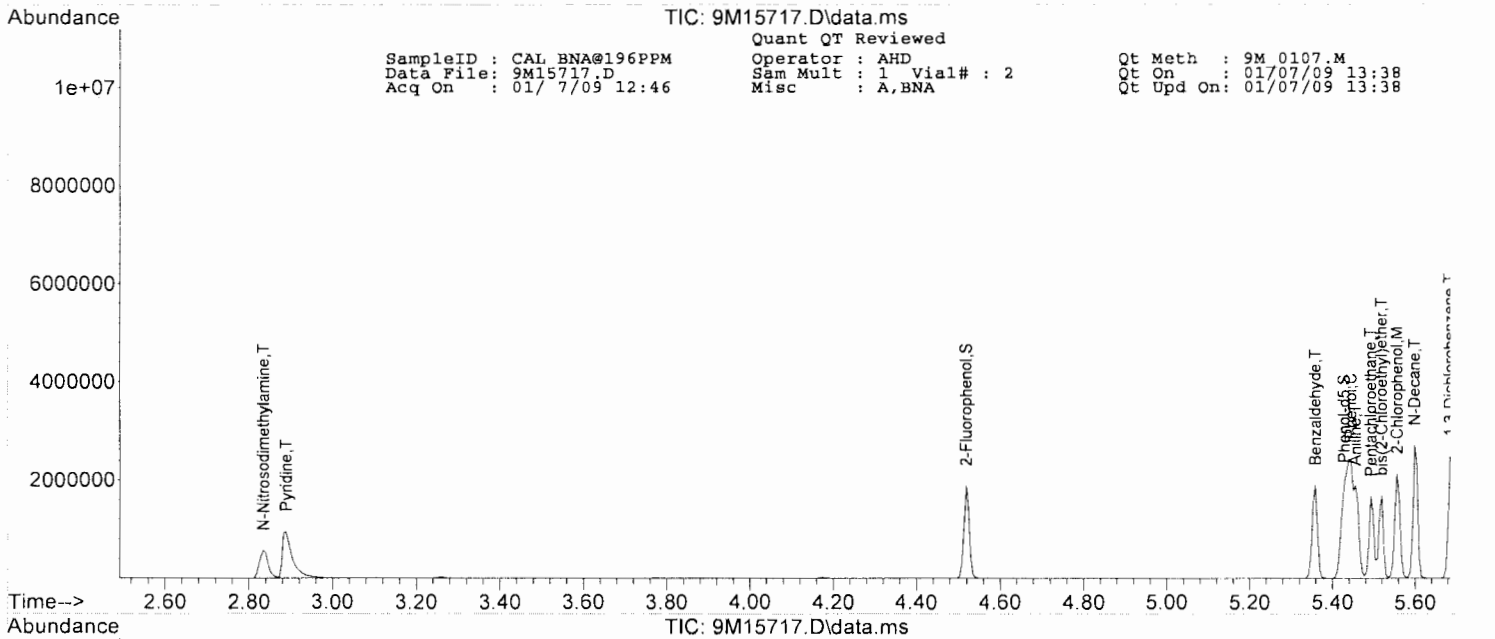
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 9M_0107.M
Data File: 9M15717.D Sam Mult : 1 Vial# : 2 Qt On : 01/07/09 13:38
Acq On : 01/ 7/09 12:46 Misc : A,BNA Qt Upd On: 01/07/09 13:38

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Qt Path : G:\GcMsData\2009\GCMS_9\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.263	65	240794	202.73	ng	91
61)	2,3,4,6-Tetrachlorophenol	8.461	232	317093	224.60	ng	84
62)	Fluorene	8.675	166	1177911	190.71	ng	99
63)	4-Chlorophenyl-phenyle...	8.664	204	583318	201.33	ng	81
64)	Diethylphthalate	8.547	149	1164030	196.01	ng	97
65)	4-Nitroaniline	8.702	138	355529	204.46	ng	78
66)	Atrazine	9.312	200	363496	194.59	ng	98
68)	4,6-Dinitro-2-methylph...	8.718	198	226793	265.91	ng	100
69)	n-Nitrosodiphenylamine	8.782	169	1049386	197.40	ng	100
71)	1,2-Diphenylhydrazine	8.820	77	1222428	182.40	ng	84
72)	4-Bromophenyl-phenylether	9.151	248	364334	212.27	ng	80
73)	Hexachlorobenzene	9.215	284	373349	209.58	ng	64
74)	N-Octadecane	9.483	57	743942	179.81	ng	82
75)	Pentachlorophenol	9.413	266	219257	314.39	ng	97
76)	Phenanthrene	9.649	178	1761427	190.64	ng	99
77)	Anthracene	9.707	178	1801318	189.19	ng	99
78)	Carbazole	9.879	167	1789932	195.00	ng	98
79)	Di-n-butylphthalate	10.253	149	2086484	198.49	ng	98
80)	Fluoranthene	10.980	202	2068101	199.94	ng	90
82)	Pyrene	11.242	202	2168461	201.52	ng	89
83)	Benzidine	11.135	184	577277	207.16	ng	87
85)	4,4'-DDE	11.360	246	461052	218.29	ng	93
86)	Endrin	11.686	81	111798	188.90	ng	41
87)	4,4'-DDD	11.761	235	825348	217.66	ng	96
88)	Butylbenzylphthalate	12.023	149	971610	203.11	ng	69
89)	Endrin aldehyde	11.686	67	63603	188.63	ng	79
90)	4,4'-DDT	12.120	235	828780	216.27	ng	96
91)	Endrin ketone	12.601	317	90592	230.49	ng	98
92)	3,3'-Dichlorobenzidine	12.644	252	410332	126.51	ng	96
93)	Benzo[a]anthracene	12.671	228	2044816	196.64	ng	99
94)	Chrysene	12.713	228	1885929	190.52	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.713	149	1220760	188.40	ng	91
97)	Di-n-octylphthalate	13.462	149	2317496	205.72	ng	100
98)	Benzo[b]fluoranthene	13.885	252	2008997	198.47	ng	93
99)	Benzo[k]fluoranthene	13.917	252	1958130m	194.97	ng	
100)	Benzo[a]pyrene	14.232	252	1943230	202.54	ng	92
101)	Indeno[1,2,3-cd]pyrene	15.580	276	2157647	210.12	ng	88
102)	Dibenzo[a,h]anthracene	15.596	278	1825667	211.70	ng	89
103)	Benzo[g,h,i]perylene	15.949	276	1774910	208.62	ng	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
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Qt On : 01/07/09 13:38
Qt Upd On: 01/07/09 13:38
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6000000
4000000
2000000
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Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
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3.00
3.20
3.40
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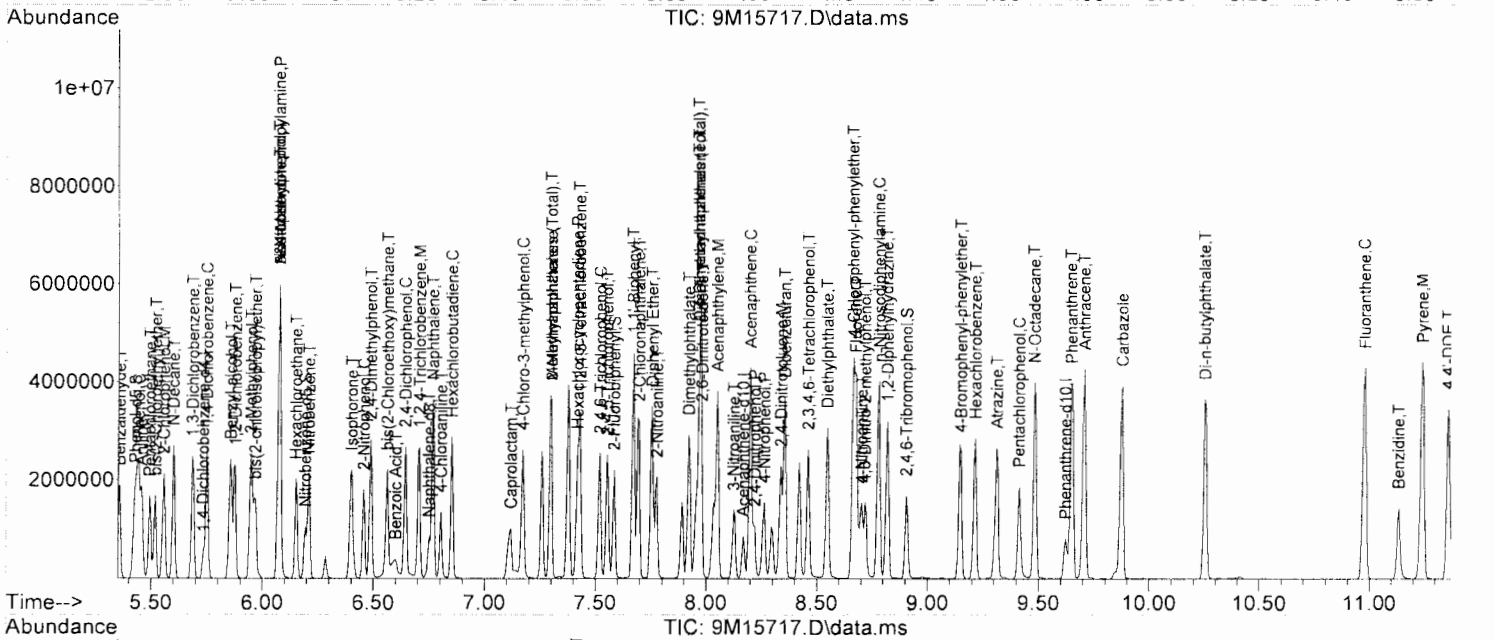
5.60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Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthylene,M
Acenaphthene,C
Diethylphthalate,T
Fluorene,C
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
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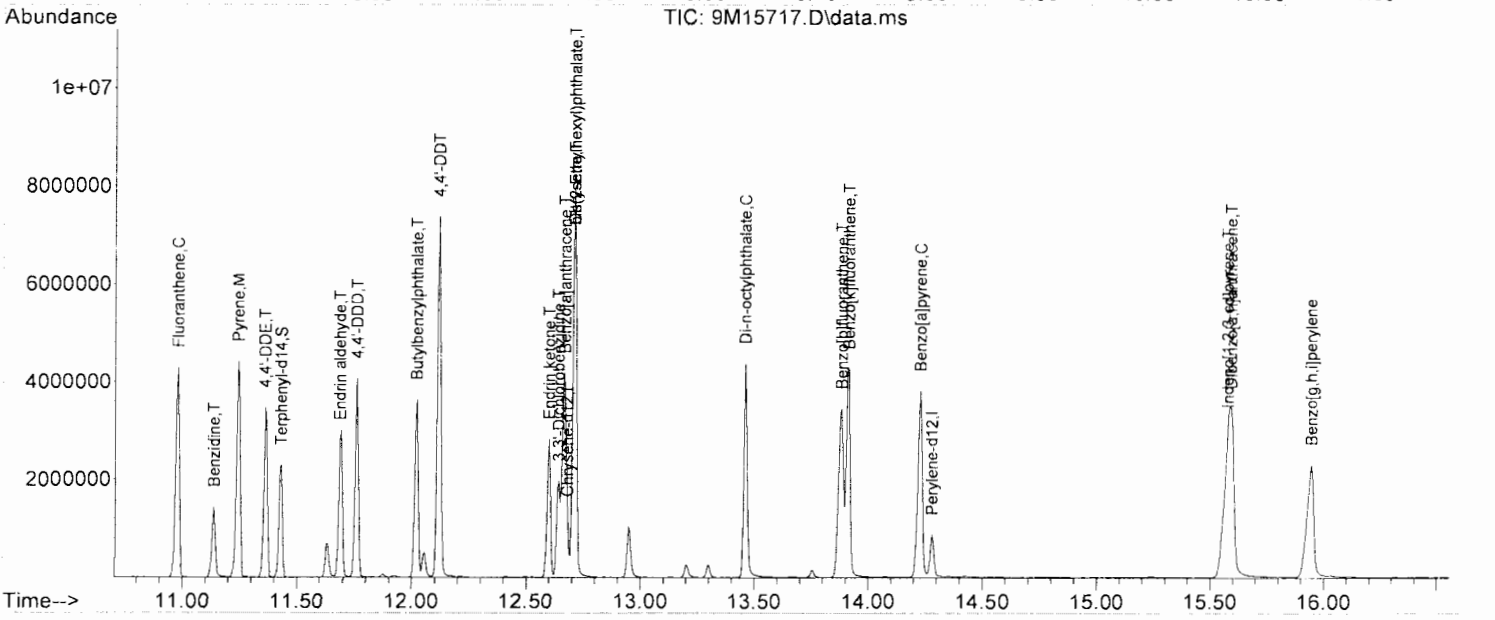
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Fluoranthene,C
Benzidine,T
Pyrene,M
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Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->
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11.50
12.00
12.50
13.00
13.50
14.00
14.50
15.00
15.50
16.00

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M02303.	CAL BNA@50PPM	01/09/09 11:04	2	10M02306.	CAL BNA@2PPM	01/09/09 12:13
3	10M02305.	CAL BNA@10PPM	01/09/09 11:50	4	10M02304.	CAL BNA@20PPM	01/09/09 11:27
5	10M02302.	CAL BNA@80PPM	01/09/09 10:41	6	10M02301.	CAL BNA@120PPM	01/09/09 10:18
7	10M02300.	CAL BNA@160PPM	01/09/09 09:56	8	10M02299.	CAL BNA@196PPM	01/09/09 09:33

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.1212	1.1267	1.3524	1.0621	1.2256	1.2687	1.2486	1.2665	-----	1.21	3.20	0.999	0.999	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.6257	0.5610	0.6381	0.6065	0.6632	0.6975	0.6903	0.6891	-----	0.646	3.11	0.999	0.999	7.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.1017	1.1046	1.1212	1.0717	1.1513	1.2137	1.2018	1.2149	-----	1.15	4.66	0.999	1.00	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Qua	0.7224	0.9452	1.0031	0.9162	0.6383	0.4504	-----	-----	-----	0.779	5.49	0.916	0.998	27		50.00	2.00	10.00	20.00	80.00	120.0			
Aniline	1	0	LinF	1.7831	1.1836	1.5137	1.6073	1.8569	1.9350	1.7822	1.7799	-----	1.68	5.58	0.997	0.999	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.3921	0.4039	0.4017	0.3779	0.4140	0.4318	0.4197	0.4233	-----	0.408	5.62	0.999	0.999	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.1396	1.3999	1.2006	1.1356	1.1690	1.2164	1.1736	1.1914	-----	1.20	5.64	1.00	1.00	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.5473	1.5471	1.5186	1.4783	1.6073	1.6716	1.6325	1.6441	-----	1.58	5.54	1.00	1.00	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.5560	1.5701	1.7085	1.5590	1.6211	1.7577	1.7829	1.7961	-----	1.67	5.55	0.998	0.999	6.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.3379	1.3971	1.3993	1.3140	1.4126	1.4670	1.4215	1.4392	-----	1.40	5.68	0.999	0.999	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.0677	1.2654	1.1419	1.0830	1.1039	1.1564	1.1400	1.1580	-----	1.14	5.72	0.999	1.00	5.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,3-Dichlorobenzene	1	0	Avg	1.4920	1.6520	1.6321	1.4608	1.5437	1.6054	1.5614	1.5782	-----	1.57	5.81	1.00	1.00	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dichlorobenzene	1	0	Avg	1.5590	2.0136	1.6683	1.5676	1.5983	1.6608	1.6243	1.6475	-----	1.67	5.88	1.00	1.00	8.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Dichlorobenzene	1	0	Avg	1.4252	1.5419	1.5840	1.4243	1.4848	1.5492	1.5116	1.5299	-----	1.51	6.00	1.00	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.8637	0.7773	0.9248	0.8320	0.8874	0.9291	0.8975	0.9212	-----	0.879	5.97	0.999	0.999	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)e	1	0	Avg	1.2254	1.4394	1.3174	1.2514	1.2442	1.2938	1.2708	1.2752	-----	1.29	6.09	1.00	1.00	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.1794	1.3195	1.2540	1.2024	1.2459	1.2934	1.2728	1.2773	-----	1.26	6.06	1.00	1.00	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	1.9064	2.0757	2.1021	1.8608	1.9529	2.0910	2.0249	2.0462	-----	2.01	6.19	0.999	0.999	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5426	0.6475	0.5855	0.5581	0.5628	0.6012	0.5669	0.5835	-----	0.581	6.28	0.999	0.999	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.9829	1.0623	1.0362	0.9832	1.0380	1.0946	1.0473	1.0619	-----	1.04	6.18	0.999	0.999	3.7	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.3334	1.4554	1.3710	1.2641	1.3834	1.4825	1.4359	1.4805	-----	1.40	6.18	0.999	0.999	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1666	0.1575	0.1679	0.1705	0.1765	0.1810	0.1780	0.1788	-----	0.172	6.31	1.00	1.00	4.6		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3759	0.3627	0.4107	0.3748	0.3873	0.3945	0.3848	0.3899	-----	0.385	6.32	1.00	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.6756	0.5962	0.6715	0.6615	0.6944	0.7096	0.6832	0.6949	-----	0.673	6.51	1.00	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	LinF	0.2065	0.1357	0.1984	0.1977	0.2119	0.2212	0.2134	0.2183	-----	0.200	6.57	0.999	1.00	14	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dimethylphenol	1	0	Avg	0.3749	0.3579	0.3929	0.3654	0.3903	0.3932	0.3820	0.3900	-----	0.381	6.59	1.00	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	LinF	0.2623	-----	0.1310	0.1903	0.2846	0.3152	0.3032	0.3067	-----	0.256	6.87	0.999	0.999	27		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)me	1	0	Avg	0.3846	0.3850	0.3999	0.3732	0.3997	0.4072	0.3950	0.4057	-----	0.394	6.67	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dichlorophenol	1	0	Avg	0.3253	0.2578	0.3261	0.3176	0.3337	0.3430	0.3368	0.3455	-----	0.323	6.75	1.00	1.00	8.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3794	0.4012	0.3877	0.3683	0.3868	0.3934	0.3857	0.3978	-----	0.388	6.82	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0859	1.2721	1.1774	1.0910	1.1295	1.1520	1.1360	1.1640	-----	1.15	6.88	1.00	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.3870	0.2881	0.3533	0.3730	0.3958	0.3764	0.3093	-----	-----	0.355	6.92	0.975	0.996	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Hexachlorobutadiene	1	0	Avg	0.2236	0.2380	0.2356	0.2276	0.2382	0.2375	0.2325	0.2426	-----	0.234	6.97	0.999	0.999	2.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Qua	0.1098	0.0501	0.1105	0.1126	0.1130	0.1160	0.1138	0.1145	-----	0.105	7.17	1.00	1.00	21		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3268	0.3110	0.3293	0.3218	0.3440	0.3513	0.3466	0.3502	-----	0.335	7.27	1.00	1.00	4.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7589	0.7973	0.8144	0.7699	0.7952	0.8128	0.8017	0.8211	-----	0.796	7.42	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7589	0.7973	0.8144	0.7699	0.7952	0.8128	0.8017	0.8211	-----	0.796	7.42	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,1'-Biphenyl	1	0	Avg	0.9568	1.0355	1.0240	0.9644	0.9948	1.0247	0.9912	1.0258	-----	1.00	7.79	0.999	0.999	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4,5-Tetrachloroben	1	0	Avg	0.6946	0.8041	0.7289	0.7104	0.7248	0.7329	0.7270	0.7493	-----	0.734	7.55	0.999	1.00	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.4294	0.3210	0.3660	0.4197	0.4661	0.4825	0.4822	0.4923	-----	0.432	7.54	0.999	1.00	14	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Trichlorophenol	1	0	Avg	0.4200	0.3004	0.4137	0.4308	0.4429	0.4626	0.4478	0.4560	-----	0.422	7.64	0.999	1.00	12	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Avg Rsd: 7.82

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note:
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M02303.	CAL BNA@50PPM	01/09/09 11:04	2	10M02306.	CAL BNA@2PPM	01/09/09 12:13
3	10M02305.	CAL BNA@10PPM	01/09/09 11:50	4	10M02304.	CAL BNA@20PPM	01/09/09 11:27
5	10M02302.	CAL BNA@80PPM	01/09/09 10:41	6	10M02301.	CAL BNA@120PPM	01/09/09 10:18
7	10M02300.	CAL BNA@160PPM	01/09/09 09:56	8	10M02299.	CAL BNA@196PPM	01/09/09 09:33

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.4532	0.3894	0.4579	0.4507	0.4768	0.4832	0.4663	0.4842	-----	0.458	7.66	0.999	0.999	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.4100	1.5685	1.4464	1.4641	1.4686	1.4775	1.4700	1.4970	-----	1.48	7.71	1.00	1.00	3.1		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1851	1.4396	1.2289	1.2662	1.2405	1.2662	1.2362	1.2717	-----	1.27	7.81	0.999	1.00	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthalei	1	0	Avg	0.9776	1.0555	0.9966	1.0074	1.0319	1.0647	1.0527	1.0850	-----	1.03	8.09	0.999	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	0.9776	1.0555	0.9966	1.0074	1.0319	1.0647	1.0527	1.0850	-----	1.03	8.09	0.999	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.8861	0.9617	0.9239	0.9223	0.9141	0.9460	0.9239	0.9448	-----	0.928	7.88	1.00	1.00	2.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.4287	0.3809	0.4107	0.4370	0.4506	0.4526	0.4415	0.4479	-----	0.431	7.89	1.00	1.00	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.9581	1.9966	1.9813	2.0107	2.0225	2.0589	2.0439	2.0844	-----	2.02	8.17	1.00	1.00	2.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.3906	1.4768	1.4490	1.4348	1.4274	1.4521	1.4283	1.4447	-----	1.44	8.03	1.00	1.00	1.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.3358	0.2923	0.3370	0.3390	0.3522	0.3614	0.3571	0.3659	-----	0.343	8.09	1.00	1.00	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.2393	1.4210	1.3050	1.2978	1.2865	1.3374	1.3055	1.3305	-----	1.32	8.32	1.00	1.00	4.0	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3027	0.2285	0.2828	0.2953	0.3122	0.3015	0.2740	0.2652	-----	0.283	8.24	0.993	0.999	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	Qua	0.2085	-----	0.1004	0.1552	0.2340	0.2622	0.2516	0.2644	-----	0.211	8.33	0.998	0.998	29	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.7695	1.9431	1.8166	1.8140	1.8175	1.8593	1.8273	1.8611	-----	1.84	8.48	1.00	1.00	2.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.4378	0.2987	0.4285	0.4477	0.4614	0.4810	0.4710	0.4726	-----	0.437	8.44	1.00	1.00	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	LinF	0.2608	0.1491	0.2695	0.2762	0.2677	0.2810	0.2785	0.2802	-----	0.258	8.36	0.999	1.00	17	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.4428	0.3973	0.4138	0.4316	0.4541	0.4752	0.4598	0.4730	-----	0.443	8.58	0.999	0.999	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.4767	1.5334	1.5480	1.5334	1.5331	1.5982	1.5573	1.6050	-----	1.55	8.80	0.999	1.00	2.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.7642	0.8559	0.7963	0.7812	0.7959	0.8161	0.7891	0.8198	-----	0.802	8.79	0.999	0.999	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.3533	1.3790	1.3894	1.3871	1.3965	1.4264	1.3891	1.4174	-----	1.39	8.66	1.00	1.00	1.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3510	0.2847	0.3297	0.3399	0.3595	0.3797	0.3683	0.3798	-----	0.349	8.80	0.999	0.999	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4205	0.3888	0.4340	0.4417	0.4379	0.4557	0.4475	0.4515	-----	0.435	9.42	1.00	1.00	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Qua	0.1646	-----	0.1203	0.1420	0.1717	0.1894	0.1833	0.1904	-----	0.166	8.85	0.998	0.999	16		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.7292	0.7446	0.7585	0.7328	0.7536	0.7791	0.7581	0.7830	-----	0.755	8.90	0.999	1.00	2.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Tribromophenol	1	0	Avg	0.1710	0.1286	0.1623	0.1730	0.1744	0.1815	0.1752	0.1813	-----	0.168	9.03	0.999	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	0.7615	0.6948	0.7878	0.7487	0.7738	0.8010	0.7775	0.7867	-----	0.767	8.94	1.00	1.00	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.2946	0.2969	0.3118	0.3045	0.3022	0.3111	0.3005	0.3089	-----	0.304	9.28	0.999	1.00	2.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.3338	0.3539	0.3684	0.3366	0.3394	0.3507	0.3435	0.3531	-----	0.347	9.34	0.999	0.999	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.3703	0.3119	0.3769	0.3590	0.3857	0.4099	0.3975	0.4113	-----	0.378	9.61	0.999	0.999	8.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.2065	-----	0.1769	0.1922	0.2198	0.2336	0.2309	0.2362	-----	0.214	9.55	0.999	1.00	11	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.2494	1.4020	1.3198	1.2500	1.2700	1.3104	1.2898	1.3086	-----	1.30	9.78	1.00	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.2780	1.2329	1.2961	1.2924	1.2901	1.3487	1.3198	1.3561	-----	1.30	9.83	0.999	1.00	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.1584	1.1670	1.2255	1.1615	1.1949	1.2420	1.2170	1.2375	-----	1.20	10.00	1.00	1.00	2.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.2912	0.9317	1.2587	1.2376	1.3327	1.4018	1.3676	1.4030	-----	1.28	10.38	0.999	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.3562	1.2337	1.3993	1.3664	1.3970	1.4610	1.4421	1.4802	-----	1.39	11.10	0.999	1.00	5.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.3827	1.3114	1.4142	1.3917	1.4292	1.4606	1.4310	1.4374	-----	1.41	11.37	1.00	1.00	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.3316	0.1161	0.2308	0.3260	0.3078	0.2647	0.2045	-----	-----	0.255	11.26	0.932	0.999	31		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Terphenyl-d14	1	0	Avg	1.1350	1.1262	1.1165	1.1151	1.1748	1.1975	1.1665	1.1926	-----	1.15	11.55	1.00	1.00	2.9		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4.4'-DDE	1	0	Avg	0.3246	0.3046	0.3346	0.3282	0.3346	0.3433	0.3305	0.3387	-----	0.330	11.49	1.00	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0630	0.0446	0.0625	0.0584	0.0639	0.0669	0.0662	0.0662	-----	0.0615	11.81	1.00	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.4'-DDD	1	0	Avg	0.5387	0.4191	0.5232	0.5339	0.5645	0.5838	0.5671	0.5621	-----	0.537	11.88	0.999	1.00	9.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.82
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M02303.	CAL BNA@50PPM	01/09/09 11:04	2	10M02306.	CAL BNA@2PPM	01/09/09 12:13
3	10M02305.	CAL BNA@10PPM	01/09/09 11:50	4	10M02304.	CAL BNA@20PPM	01/09/09 11:27
5	10M02302.	CAL BNA@80PPM	01/09/09 10:41	6	10M02301.	CAL BNA@120PPM	01/09/09 10:18
7	10M02300.	CAL BNA@160PPM	01/09/09 09:56	8	10M02299.	CAL BNA@196PPM	01/09/09 09:33

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Qua	0.5298	0.3191	0.4979	0.4949	0.5491	0.5646	0.5569	0.5582	-----	0.509	12.14	1.00	1.00	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0341	0.0419	0.0325	0.0348	0.0337	0.0335	0.0329	0.0318	-----	0.0344	11.82	0.999	1.00	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDT	1	0	Avg	0.5867	0.3861	0.5613	0.5610	0.6156	0.6424	0.6351	0.6412	-----	0.579	12.24	1.00	1.00	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0752	0.0512	0.0795	0.0727	0.0791	0.0789	0.0782	0.0781	-----	0.0742	12.72	1.00	1.00	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.3876	0.2190	0.2981	0.3210	0.3828	0.3840	0.3457	0.3075	-----	0.331	12.76	0.980	0.998	17		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.3646	1.3825	1.4164	1.3735	1.3986	1.4350	1.4112	1.4039	-----	1.40	12.78	1.00	1.00	1.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.3361	1.4877	1.4398	1.3693	1.3786	1.4327	1.4237	1.4241	-----	1.41	12.83	1.00	1.00	3.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.7445	0.4979	0.6987	0.6933	0.7874	0.8384	0.8097	0.8303	-----	0.738	12.83	0.999	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Qua	1.1037	0.5374	0.8705	0.9765	1.1671	1.2541	1.2158	1.2519	-----	1.05	13.58	0.999	0.999	24	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.3044	1.0976	1.2214	1.2297	1.3028	1.3504	1.3526	1.4210	-----	1.29	13.99	0.998	1.00	7.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.3191	1.2911	1.3745	1.3406	1.3830	1.4175	1.3798	1.3414	-----	1.36	14.02	0.999	0.999	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.2386	1.0031	1.1711	1.1589	1.2624	1.3134	1.2979	1.3147	-----	1.22	14.35	1.00	1.00	8.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.3547	0.9982	1.2774	1.2949	1.3947	1.4828	1.4682	1.4956	-----	1.35	15.74	0.999	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracen	1	0	Avg	1.1308	0.8679	0.9914	1.0744	1.1793	1.2509	1.2467	1.2544	-----	1.12	15.76	0.999	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.1607	1.0104	1.1052	1.1178	1.1783	1.2312	1.2272	1.2369	-----	1.16	16.10	1.00	1.00	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.82

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02303.D Sam Mult : 1 Vial# : 6 Qt On : 01/09/09 11:21
Acq On : 01/ 9/09 11:04 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.861	152	65460	40.00	ng	0.00
23) Naphthalene-d8	6.867	136	243792	40.00	ng	0.00
41) Acenaphthene-d10	8.295	164	147281	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	253955	40.00	ng	0.00
81) Chrysene-d12	12.799	240	269370	40.00	ng	-0.01
96) Perylene-d12	14.414	264	272844	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	90151	49.49	ng	0.00
Spiked Amount 100.000			Recovery = 49.49%			
9) Phenol-d5	5.541	99	126612	45.93	ng	0.00
Spiked Amount 100.000			Recovery = 45.93%			
24) Nitrobenzene-d5	6.311	128	25394	25.30	ng	0.00
Spiked Amount 50.000			Recovery = 50.60%			
46) 2-Fluorobiphenyl	7.707	172	129792	26.93	ng	0.00
Spiked Amount 50.000			Recovery = 53.86%			
70) 2,4,6-Tribromophenol	9.033	330	54299	63.36	ng	0.00
Spiked Amount 100.000			Recovery = 63.36%			
84) Terphenyl-d14	11.552	244	191096	26.32	ng	0.00
Spiked Amount 50.000			Recovery = 52.64%			
Target Compounds						Qvalue
2) Pyridine	3.134	79	91744	61.04	ng	73
3) N-Nitrosodimethylamine	3.075	74	51201	57.71	ng	83
5) Benzaldehyde	5.487	77	59110	34.47	ng	79
6) Aniline	5.578	93	145905	47.42	ng	82
7) Pentachloroethane	5.626	117	32087	47.32	ng	67
8) bis(2-Chloroethyl)ether	5.637	93	93250	46.30	ng	80
10) Phenol	5.551	94	127320	42.34	ng	94
11) 2-Chlorophenol	5.680	128	109474	48.06	ng	76
12) N-Decane	5.728	57	87369	36.08	ng	77
13) 1,3-Dichlorobenzene	5.813	146	122088	49.17	ng	97
14) 1,4-Dichlorobenzene	5.878	146	127571	48.97	ng	97
15) 1,2-Dichlorobenzene	6.001	146	116618	48.30	ng	99
16) Benzyl alcohol	5.974	108	70677	47.45	ng	82
17) bis(2-chloroisopropyl)...	6.086	45	100269	29.15	ng	62
18) 2-Methylphenol	6.059	108	96512	44.82	ng	100
19) Acetophenone	6.188	105	155994	43.59	ng	78
20) Hexachloroethane	6.279	117	44401	45.57	ng	56
21) N-Nitroso-di-n-propyla...	6.188	70	80433	44.58	ng	77
22) 3&4-Methylphenol	6.182	108	109111	47.70	ng	100
25) Nitrobenzene	6.327	77	114551	46.77	ng	81
26) Isophorone	6.514	82	205904	46.69	ng	81
27) 2-Nitrophenol	6.573	139	62946	51.54	ng	93
28) 2,4-Dimethylphenol	6.600	107	114272	48.51	ng	94
29) Benzoic Acid	6.664	105	79951m	59.13	ng	
30) bis(2-Chloroethoxy)met...	6.674	93	117208	47.52	ng	97
31) 2,4-Dichlorophenol	6.755	162	99160	49.96	ng	85
32) 1,2,4-Trichlorobenzene	6.824	180	115621	53.63	ng	97
33) Naphthalene	6.883	128	330928	50.07	ng	98
34) 4-Chloroaniline	6.920	127	117935	50.55	ng	99
35) Hexachlorobutadiene	6.974	225	68151	51.83	ng	95
36) Caprolactam	7.193	113	33475	44.27	ng	66
37) 4-Chloro-3-methylphenol	7.279	107	99608	47.55	ng	81
38) 2-Methylnaphthalene	7.418	142	231269	49.77	ng	98
39) Methylnaphthalenes (To...	7.418	142	231269	49.77	ng	98
40) 1,1'-Biphenyl	7.792	154	291601	49.47	ng	92
42) 1,2,4,5-Tetrachloroben...	7.552	216	127876	52.45	ng	99
43) Hexachlorocyclopentadiene	7.541	237	79062	91.68	ng	99
44) 2,4,6-Trichlorophenol	7.637	196	77331	53.04	ng	99
45) 2,4,5-Trichlorophenol	7.669	196	83451	52.58	ng	98
47) 2-Chloronaphthalene	7.819	162	218189	49.92	ng	92
48) 1,4-Dimethylnaphthalene	8.097	156	179977	49.71	ng	86
49) Dimethylnaphthalenes (...	8.097	156	179977	49.71	ng	86
50) Diphenyl Ether	7.878	170	163145	48.32	ng	75
51) 2-Nitroaniline	7.894	65	78929	43.21	ng	51
52) Acenaphthylene	8.177	152	360490	50.47	ng	98
53) Dimethylphthalate	8.038	163	256017	49.94	ng	98
54) 2,6-Dinitrotoluene	8.092	165	61823	51.64	ng	61
55) Acenaphthene	8.327	153	228170	51.16	ng	99
56) 3-Nitroaniline	8.242	138	55737	49.21	ng	84
57) 2,4-Dinitrophenol	8.333	184	38385	64.29	ng	80
58) Dibenzofuran	8.482	168	325781	50.22	ng	83
59) 2,4-Dinitrotoluene	8.450	165	80601	48.95	ng	62

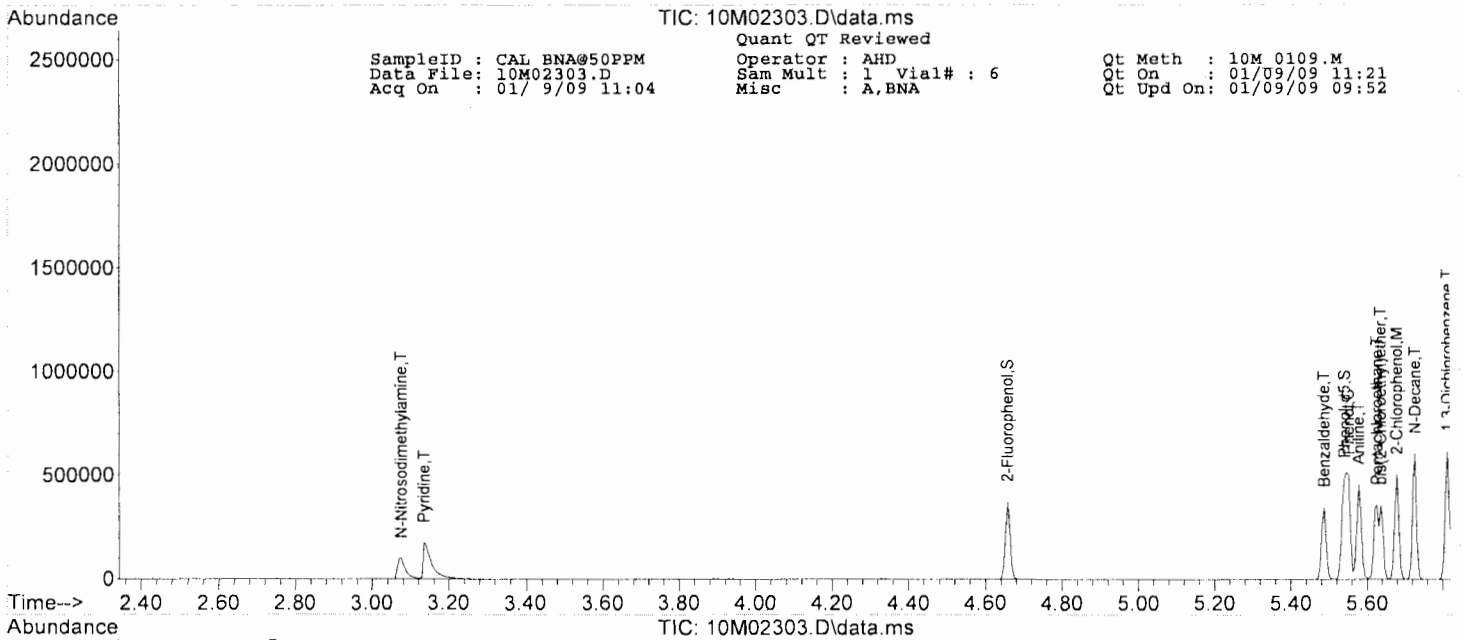
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM
Data File: 10M02303.D
Acq On : 01/ 9/09 11:04
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 11:21
Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60)	4-Nitrophenol	8.365	65	48026	46.28 ng	85
61)	2,3,4,6-Tetrachlorophenol	8.584	232	81528	61.27 ng	81
62)	Fluorene	8.803	166	271878	48.56 ng	99
63)	4-Chlorophenyl-phenyle...	8.793	204	140691	51.98 ng	79
64)	Diethylphthalate	8.669	149	249156	47.12 ng	96
65)	4-Nitroaniline	8.803	138	64622	50.04 ng	76
66)	Atrazine	9.429	200	77428	45.94 ng	93
68)	4,6-Dinitro-2-methylph...	8.830	198	52274	55.10 ng	100
69)	n-Nitrosodiphenylamine	8.899	169	231496	48.80 ng	99
71)	1,2-Diphenylhydrazine	8.948	77	241736	43.70 ng	76
72)	4-Bromophenyl-phenylether	9.279	248	93518	57.43 ng	75
73)	Hexachlorobenzene	9.343	284	105989	59.63 ng	53
74)	N-Octadecane	9.611	57	117578	32.67 ng	68
75)	Pentachlorophenol	9.541	266	65572	75.58 ng	98
76)	Phenanthrene	9.782	178	396620	48.34 ng	96
77)	Anthracene	9.836	178	405708	47.26 ng	99
78)	Carbazole	10.001	167	367738	47.85 ng	96
79)	Di-n-butylphthalate	10.381	149	409882	43.72 ng	97
80)	Fluoranthene	11.108	202	430544	48.89 ng	81
82)	Pyrene	11.371	202	465599	45.03 ng	79
83)	Benzidine	11.258	184	111679	40.82 ng	82
85)	4,4'-DDE	11.488	246	109310	48.88 ng	86
86)	Endrin	11.820	81	21244	35.66 ng	15
87)	4,4'-DDD	11.884	235	181406	48.46 ng	93
88)	Butylbenzylphthalate	12.141	149	178400	39.08 ng	68
89)	Endrin aldehyde	11.820	67	11497	37.71 ng	81
90)	4,4'-DDT	12.242	235	197563	53.12 ng	93
91)	Endrin ketone	12.729	317	25326	57.74 ng	98
92)	3,3'-Dichlorobenzidine	12.756	252	130529	44.11 ng	93
93)	Benzo[a]anthracene	12.788	228	459481	46.62 ng	99
94)	Chrysene	12.831	228	449884	50.54 ng	96
95)	bis(2-Ethylhexyl)phtha...	12.836	149	250684	40.11 ng	90
97)	Di-n-octylphthalate	13.580	149	376446	32.63 ng	99
98)	Benzo[b]fluoranthene	13.997	252	444879	48.59 ng	89
99)	Benzo[k]fluoranthene	14.029	252	449907	47.52 ng	88
100)	Benzo[a]pyrene	14.355	252	422447	48.65 ng	88
101)	Indeno[1,2,3-cd]pyrene	15.735	276	462058	56.38 ng	66
102)	Dibenzo[a,h]anthracene	15.756	278	385672	55.47 ng	81
103)	Benzo[g,h,i]perylene	16.115	276	395885	59.75 ng	73

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


Abundance
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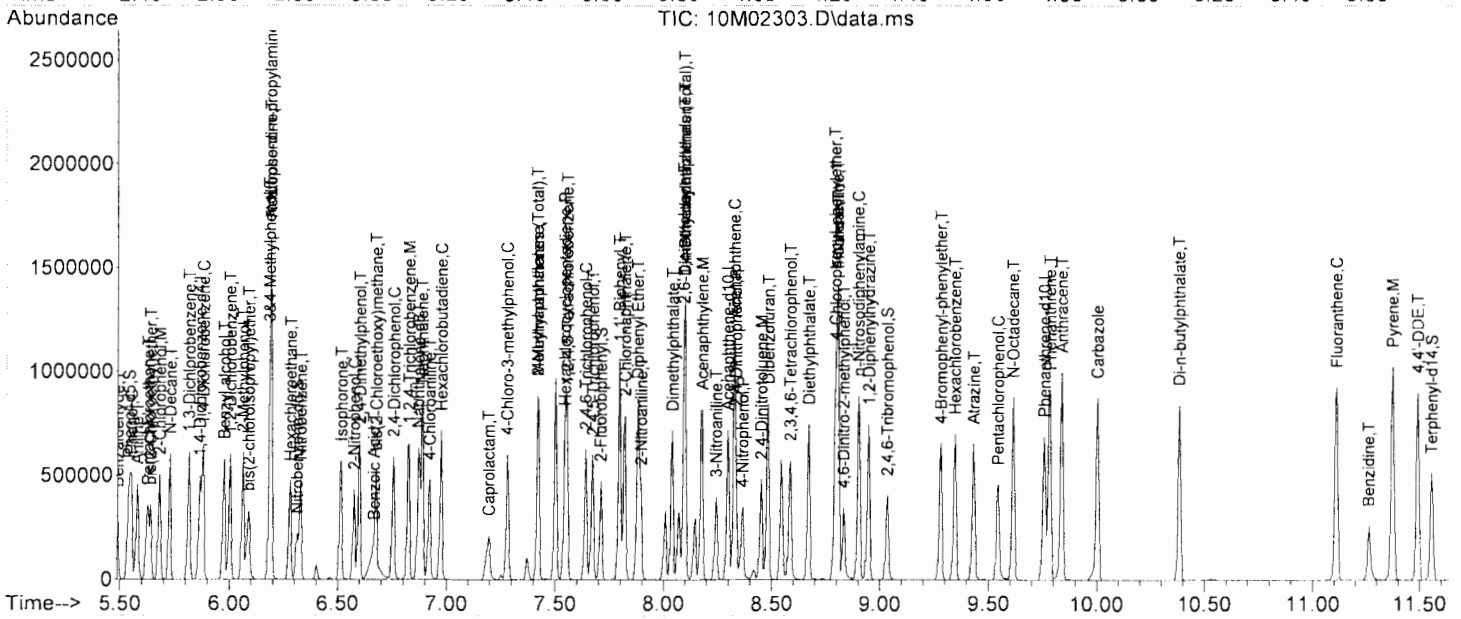
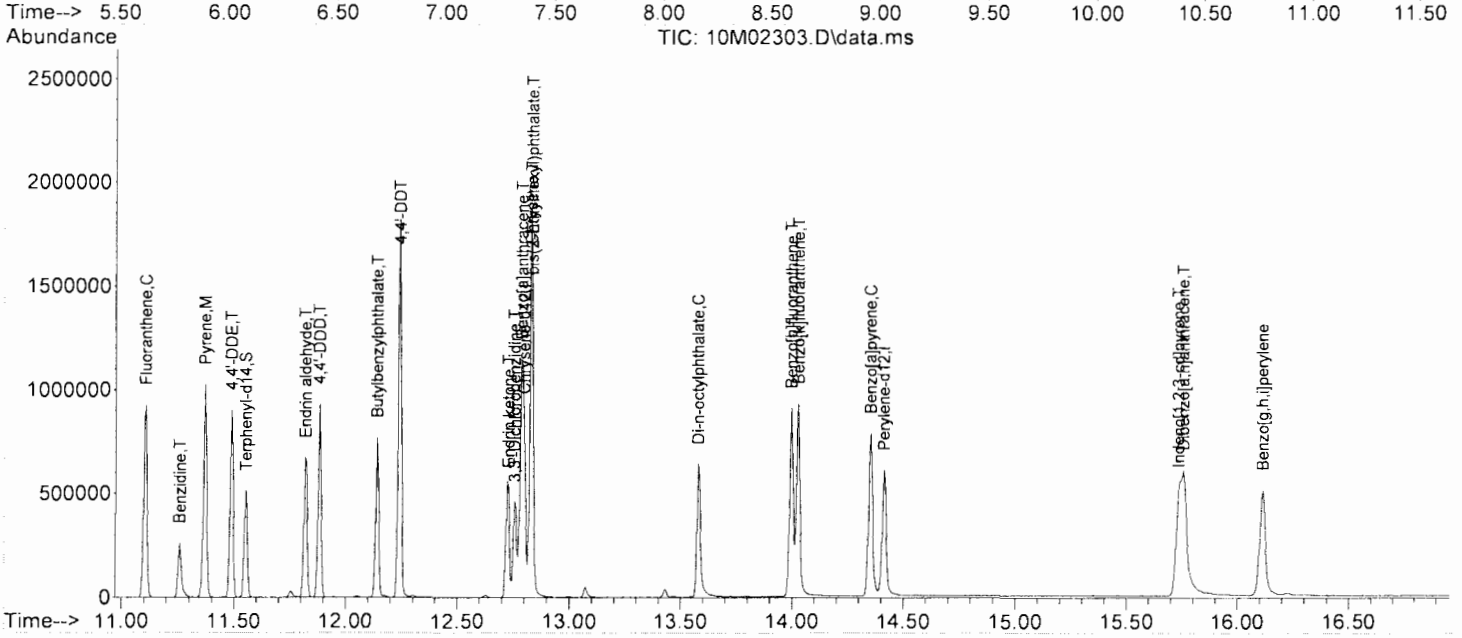
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 10M02303.D
Acq On : 01/ 9/09 11:04
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 11:21
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02303.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
Fluorene,C
Pentachlorophenol,C
N-Octadecane,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02303.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM
Data File: 10M02306.D
Acq On : 01/ 9/09 12:13

Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA

Qt Meth : 10M_0109.M
Qt On : 01/09/09 13:33
Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	5.862	152	42530	40.00	ng		0.00
23) Naphthalene-d8	6.867	136	163050	40.00	ng		0.00
41) Acenaphthene-d10	8.295	164	96804	40.00	ng		0.00
67) Phenanthrene-d10	9.750	188	170762	40.00	ng		0.00
81) Chrysene-d12	12.793	240	171572	40.00	ng		-0.02
96) Perylene-d12	14.414	264	184228	40.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.658	112	2349	1.98	ng		0.00
Spiked Amount 100.000			Recovery = 1.98%				
9) Phenol-d5	5.535	99	3290	1.84	ng		-0.01
Spiked Amount 100.000			Recovery = 1.84%				
24) Nitrobenzene-d5	6.305	128	642	0.96	ng		-0.01
Spiked Amount 50.000			Recovery = 1.92%				
46) 2-Fluorobiphenyl	7.707	172	3796	1.20	ng		0.00
Spiked Amount 50.000			Recovery = 2.40%				
70) 2,4,6-Tribromophenol	9.028	330	1098m	1.91	ng		-0.01
Spiked Amount 100.000			Recovery = 1.91%				
84) Terphenyl-d14	11.552	244	4831	1.04	ng		0.00
Spiked Amount 50.000			Recovery = 2.08%				
Target Compounds							Qvalue
2) Pyridine	3.198	79	2396m	2.45	ng		
3) N-Nitrosodimethylamine	3.112	74	1193	2.07	ng		73
5) Benzaldehyde	5.487	77	2010	1.80	ng		83
6) Aniline	5.578	93	2517	1.26	ng		81
7) Pentachloroethane	5.621	117	859	1.95	ng		54
8) bis(2-Chloroethyl)ether	5.637	93	2977m	2.28	ng		
10) Phenol	5.546	94	3339	1.71	ng		99
11) 2-Chlorophenol	5.680	128	2971	2.01	ng		70
12) N-Decane	5.722	57	2691	1.71	ng		81
13) 1,3-Dichlorobenzene	5.813	146	3513	2.18	ng		86
14) 1,4-Dichlorobenzene	5.878	146	4282	2.53	ng		90
15) 1,2-Dichlorobenzene	6.001	146	3279	2.09	ng		89
16) Benzyl alcohol	5.974	108	1653	1.71	ng		69
17) bis(2-chloroisopropyl)...	6.086	45	3061	1.37	ng		66
18) 2-Methylphenol	6.059	108	2806	2.01	ng		93
19) Acetophenone	6.188	105	4414	1.90	ng		67
20) Hexachloroethane	6.279	117	1377	2.18	ng		79
21) N-Nitroso-di-n-propyla...	6.182	70	2259	1.93	ng		71
22) 3&4-Methylphenol	6.182	108	3095	2.08	ng		91
25) Nitrobenzene	6.321	77	2957	1.81	ng		83
26) Isophorone	6.509	82	4861	1.65	ng		78
27) 2-Nitrophenol	6.573	139	1107	1.36	ng		83
28) 2,4-Dimethylphenol	6.594	107	2918	1.85	ng		97
29) Benzoic Acid	6.872	105	207	0.23	ng	#	18
30) bis(2-Chloroethoxy)met...	6.669	93	3139	1.90	ng		86
31) 2,4-Dichlorophenol	6.749	162	2102	1.58	ng		89
32) 1,2,4-Trichlorobenzene	6.819	180	3271	2.27	ng		92
33) Naphthalene	6.883	128	10371	2.35	ng		99
34) 4-Chloroaniline	6.915	127	2349	1.51	ng		89
35) Hexachlorobutadiene	6.974	225	1941	2.21	ng		85
36) Caprolactam	7.167	113	409	0.81	ng		50
37) 4-Chloro-3-methylphenol	7.274	107	2536	1.81	ng		92
38) 2-Methylnaphthalene	7.418	142	6500	2.09	ng		91
39) Methylnaphthalenes (To...	7.418	142	6500	2.09	ng		91
40) 1,1'-Biphenyl	7.792	154	8442	2.14	ng		82
42) 1,2,4,5-Tetrachloroben...	7.552	216	3892	2.43	ng		87
43) Hexachlorocyclopentadiene	7.541	237	1554	2.74	ng		94
44) 2,4,6-Trichlorophenol	7.637	196	1454	1.52	ng		95
45) 2,4,5-Trichlorophenol	7.664	196	1885	1.81	ng		82
47) 2-Chloronaphthalene	7.814	162	6968	2.43	ng		89
48) 1,4-Dimethylnaphthalene	8.092	156	5109	2.15	ng		86
49) Dimethylnaphthalenes (...	8.092	156	5109	2.15	ng		86
50) Diphenyl Ether	7.878	170	4655	2.10	ng		75
51) 2-Nitroaniline	7.889	65	1844	1.54	ng		80
52) Acenaphthylene	8.172	152	9664	2.06	ng		98
53) Dimethylphthalate	8.033	163	7148	2.12	ng		93
54) 2,6-Dinitrotoluene	8.087	165	1415	1.80	ng		53
55) Acenaphthene	8.322	153	6878	2.35	ng		95
56) 3-Nitroaniline	8.242	138	1106	1.49	ng		72
57) 2,4-Dinitrophenol	0.000		0	N.D.			
58) Dibenzofuran	8.477	168	9405	2.21	ng		85
59) 2,4-Dinitrotoluene	8.445	165	1446	1.34	ng		80

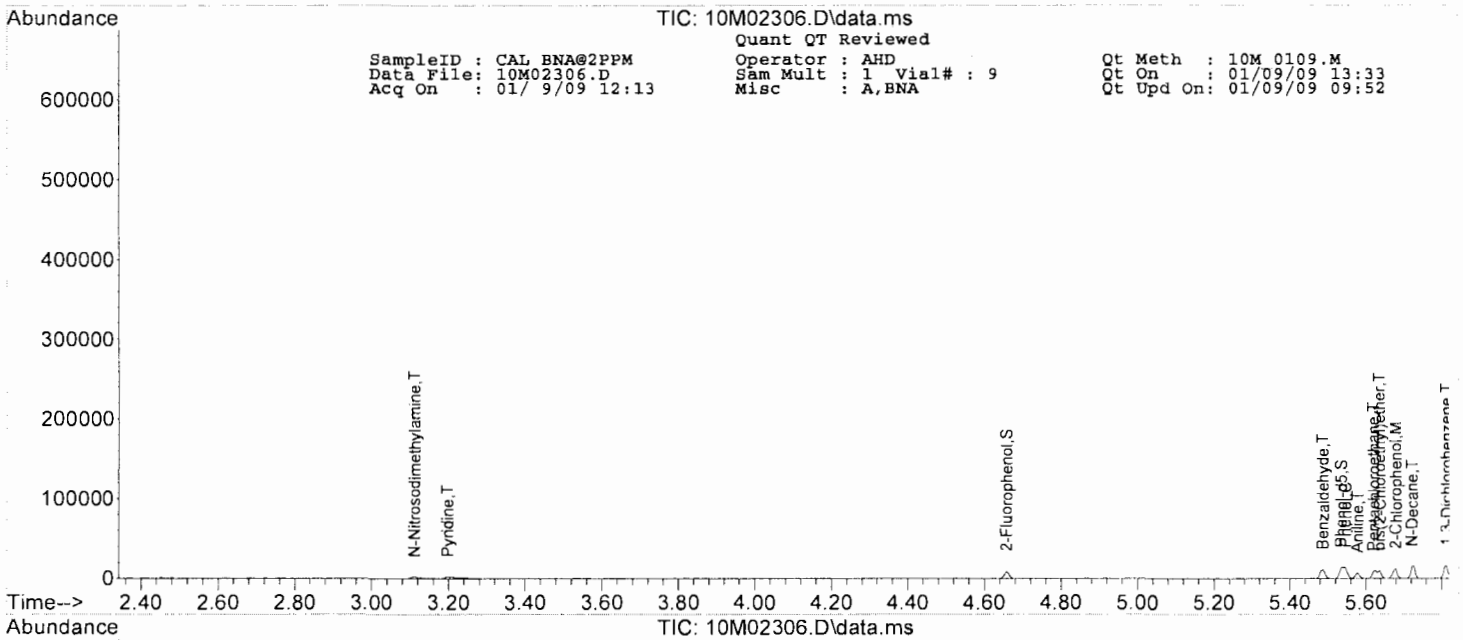
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02306.D Sam Mult : 1 Vial# : 9 Qt On : 01/09/09 13:33
Acq On : 01/ 9/09 12:13 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.359	65	722	1.06	ng	69
61)	2,3,4,6-Tetrachlorophenol	8.584	232	1923	2.20	ng	72
62)	Fluorene	8.798	166	7422	2.02	ng	96
63)	4-Chlorophenyl-phenyle...	8.787	204	4143	2.33	ng	65
64)	Diethylphthalate	8.664	149	6675	1.92	ng	87
65)	4-Nitroaniline	8.798	138	1378	1.62	ng	82
66)	Atrazine	9.424	200	1882	1.70	ng	89
68)	4,6-Dinitro-2-methylph...	8.846	198	75	0.12	ng	100
69)	n-Nitrosodiphenylamine	8.900	169	6358	1.99	ng	89
71)	1,2-Diphenylhydrazine	8.942	77	5933	1.60	ng	76
72)	4-Bromophenyl-phenylether	9.279	248	2535	2.32	ng	73
73)	Hexachlorobenzene	9.343	284	3022	2.53	ng	59
74)	N-Octadecane	9.611	57	2663	1.10	ng	85
75)	Pentachlorophenol	9.552	266	504	0.86	ng	90
76)	Phenanthrene	9.777	178	11971	2.17	ng	97
77)	Anthracene	9.830	178	10527	1.82	ng	95
78)	Carbazole	9.996	167	9964	1.93	ng	98
79)	Di-n-butylphthalate	10.381	149	7955	1.26	ng	100
80)	Fluoranthene	11.103	202	10534	1.78	ng	75
82)	Pyrene	11.371	202	11250	1.71	ng	83
83)	Benzidine	11.264	184	996	0.57	ng	64
85)	4,4'-DDE	11.488	246	2613	1.83	ng	90
86)	Endrin	11.815	81	383	1.01	ng	1
87)	4,4'-DDD	11.884	235	3596	1.51	ng	85
88)	Butylbenzylphthalate	12.141	149	2738	0.94	ng	83
89)	Endrin aldehyde	11.820	67	360m	1.85	ng	
90)	4,4'-DDT	12.242	235	3313	1.40	ng	91
91)	Endrin ketone	12.724	317	440	1.58	ng	71
92)	3,3'-Dichlorobenzidine	12.756	252	1879	1.00	ng	89
93)	Benzo[a]anthracene	12.783	228	11860	1.89	ng	98
94)	Chrysene	12.825	228	12763	2.25	ng	92
95)	bis(2-Ethylhexyl)phtha...	12.831	149	4272	1.07	ng	94
97)	Di-n-octylphthalate	13.580	149	4951	0.64	ng	88
98)	Benzo[b]fluoranthene	13.991	252	10111	1.64	ng	90
99)	Benzo[k]fluoranthene	14.024	252	11893	1.86	ng	95
100)	Benzo[a]pyrene	14.350	252	9240	1.58	ng	94
101)	Indeno[1,2,3-cd]pyrene	15.735	276	9195	1.66	ng	78
102)	Dibenzo[a,h]anthracene	15.756	278	7995	1.70	ng	76
103)	Benzo[g,h,i]perylene	16.104	276	9308	2.08	ng	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed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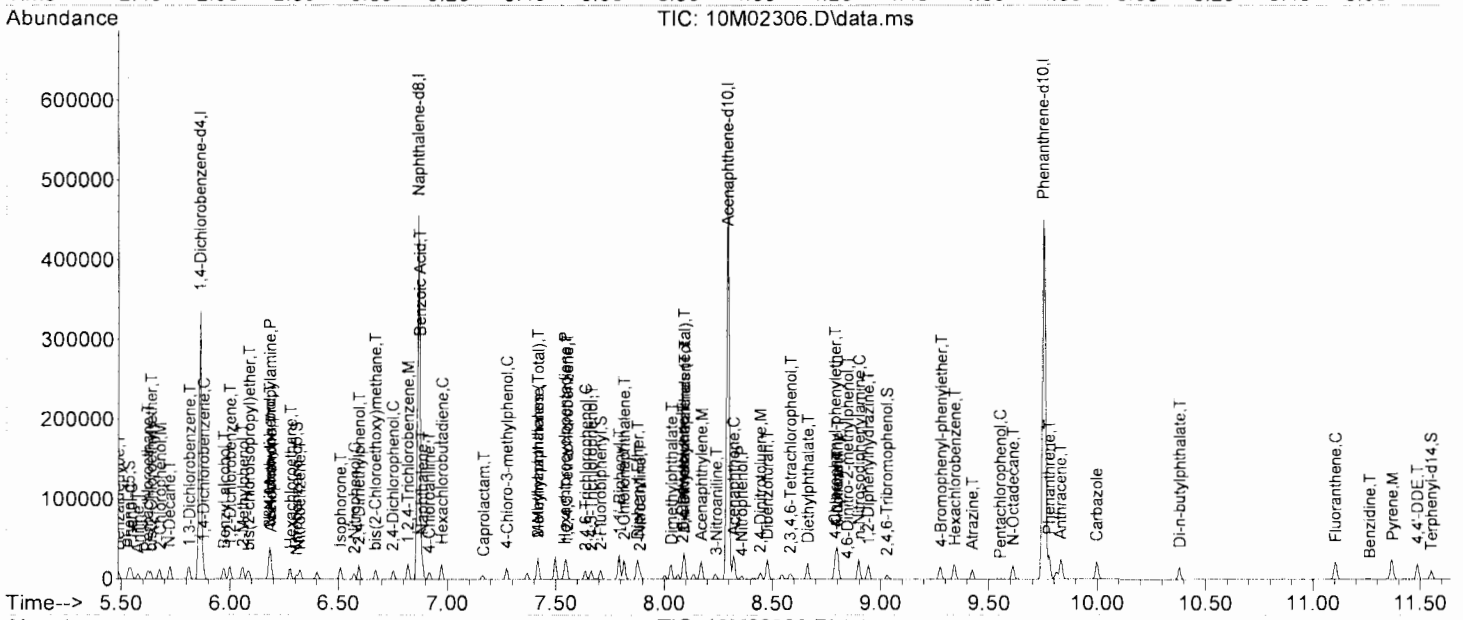
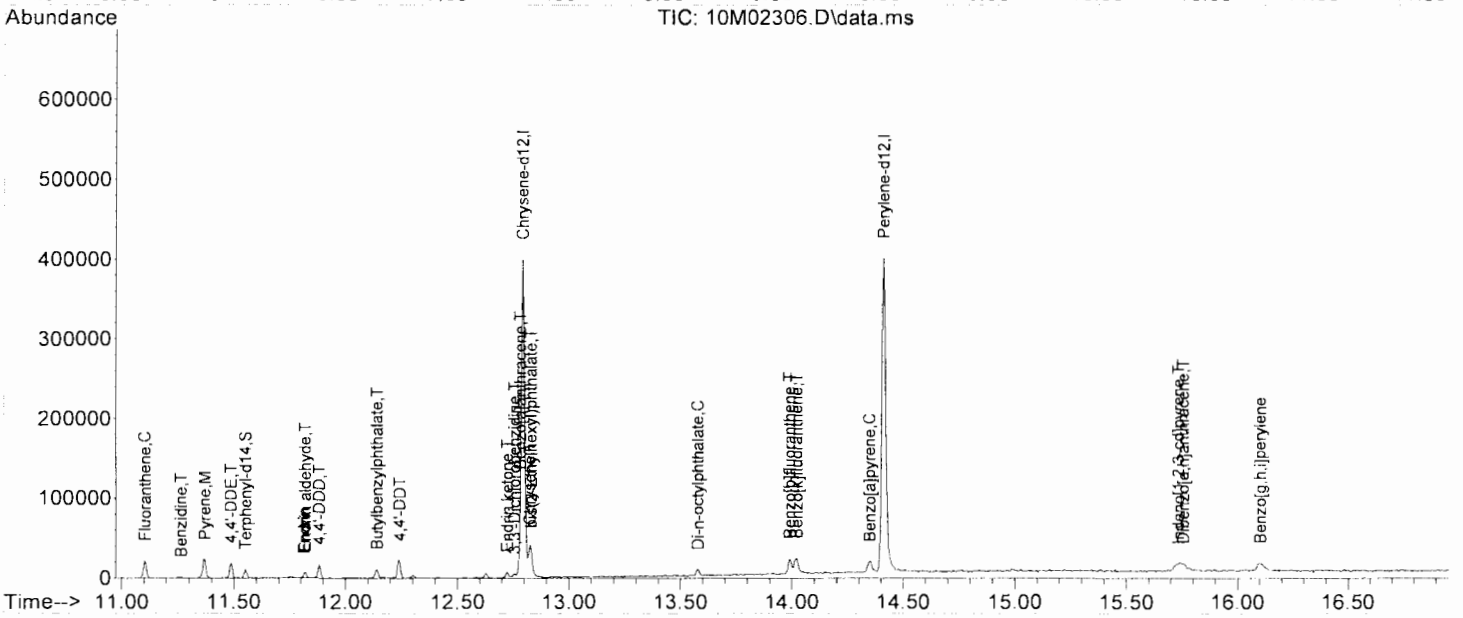
Quant QT Reviewed
SampleID : CAL BNA@2PPM
Data File: 10M02306.D
Acq On : 01/ 9/09 12:13
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 10M 0109.M
Qt On : 01/09/09 13:33
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02306.D\data.ms
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Benzoic Acid,T
Hexachlorobutadiene,C
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02306.D\data.ms
Chrysene-d12,I
Perylene-d12,I
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02305.D Sam Mult : 1 Vial# : 8 Qt On : 01/09/09 13:32
Acq On : 01/ 9/09 11:50 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.862	152	63480	40.00	ng	0.00
23) Naphthalene-d8	6.867	136	243919	40.00	ng	0.00
41) Acenaphthene-d10	8.295	164	152439	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	258552	40.00	ng	0.00
81) Chrysene-d12	12.799	240	280537	40.00	ng	-0.01
96) Perylene-d12	14.414	264	295232	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	17794	10.07	ng	0.00
Spiked Amount 100.000			Recovery = 10.07%			
9) Phenol-d5	5.535	99	24101	9.01	ng	-0.01
Spiked Amount 100.000			Recovery = 9.01%			
24) Nitrobenzene-d5	6.311	128	5121	5.10	ng	0.00
Spiked Amount 50.000			Recovery = 10.20%			
46) 2-Fluorobiphenyl	7.707	172	27561	5.52	ng	0.00
Spiked Amount 50.000			Recovery = 11.04%			
70) 2,4,6-Tribromophenol	9.033	330	10496	12.03	ng	0.00
Spiked Amount 100.000			Recovery = 12.03%			
84) Terphenyl-d14	11.553	244	39154	5.18	ng	0.00
Spiked Amount 50.000			Recovery = 10.36%			
Target Compounds						Qvalue
2) Pyridine	3.155	79	21463	14.73	ng	73
3) N-Nitrosodimethylamine	3.080	74	10127	11.77	ng	91
5) Benzaldehyde	5.487	77	15920	9.57	ng	70
6) Aniline	5.578	93	24023	8.05	ng	85
7) Pentachloroethane	5.621	117	6375	9.69	ng	60
8) bis(2-Chloroethyl)ether	5.637	93	19054	9.76	ng	80
10) Phenol	5.546	94	27115	9.30	ng	94
11) 2-Chlorophenol	5.674	128	22208	10.05	ng	75
12) N-Decane	5.728	57	18123	7.72	ng	72
13) 1,3-Dichlorobenzene	5.814	146	25902	10.76	ng	95
14) 1,4-Dichlorobenzene	5.878	146	26477	10.48	ng	97
15) 1,2-Dichlorobenzene	6.001	146	25139	10.74	ng	92
16) Benzyl alcohol	5.969	108	14678	10.16	ng	91
17) bis(2-chloroisopropyl)...	6.086	45	20908	6.27	ng	58
18) 2-Methylphenol	6.060	108	19902	9.53	ng	99
19) Acetophenone	6.188	105	33361	9.61	ng	65
20) Hexachloroethane	6.274	117	9292	9.83	ng	70
21) N-Nitroso-di-n-propyla...	6.183	70	16445	9.40	ng	77
22) 3&4-Methylphenol	6.183	108	21758	9.81	ng	99
25) Nitrobenzene	6.322	77	25048	10.22	ng	85
26) Isophorone	6.509	82	40952	9.28	ng	81
27) 2-Nitrophenol	6.573	139	12099	9.90	ng	96
28) 2,4-Dimethylphenol	6.594	107	23960	10.17	ng	96
29) Benzoic Acid	6.637	105	7991	5.91	ng	96
30) bis(2-Chloroethoxy)met...	6.669	93	24388	9.88	ng	95
31) 2,4-Dichlorophenol	6.750	162	19890	10.02	ng	86
32) 1,2,4-Trichlorobenzene	6.819	180	23646	10.96	ng	96
33) Naphthalene	6.883	128	71798	10.86	ng	96
34) 4-Chloroaniline	6.921	127	21545	9.23	ng	99
35) Hexachlorobutadiene	6.974	225	14367	10.92	ng	88
36) Caprolactam	7.167	113	6743m	8.91	ng	
37) 4-Chloro-3-methylphenol	7.274	107	20084	9.58	ng	81
38) 2-Methylnaphthalene	7.418	142	49663	10.68	ng	97
39) Methylnaphthalenes (To...	7.418	142	49663	10.68	ng	97
40) 1,1'-Biphenyl	7.793	154	62446	10.59	ng	90
42) 1,2,4,5-Tetrachloroben...	7.552	216	27780	11.01	ng	91
43) Hexachlorocyclopentadiene	7.541	237	13949	15.63	ng	97
44) 2,4,6-Trichlorophenol	7.637	196	15767	10.45	ng	98
45) 2,4,5-Trichlorophenol	7.664	196	17451	10.62	ng	99
47) 2-Chloronaphthalene	7.814	162	46835	10.35	ng	93
48) 1,4-Dimethylnaphthalene	8.092	156	37980	10.14	ng	91
49) Dimethylnaphthalenes (...	8.092	156	37980	10.14	ng	91
50) Diphenyl Ether	7.878	170	35210	10.08	ng	76
51) 2-Nitroaniline	7.889	65	15654	8.28	ng	71
52) Acenaphthylene	8.172	152	75509	10.21	ng	98
53) Dimethylphthalate	8.033	163	55221	10.41	ng	97
54) 2,6-Dinitrotoluene	8.092	165	12845	10.37	ng	60
55) Acenaphthene	8.322	153	49734	10.77	ng	92
56) 3-Nitroaniline	8.242	138	10779	9.20	ng	70
57) 2,4-Dinitrophenol	8.333	184	3829	6.20	ng	67
58) Dibenzofuran	8.477	168	69232	10.31	ng	82
59) 2,4-Dinitrotoluene	8.445	165	16330	9.58	ng	67

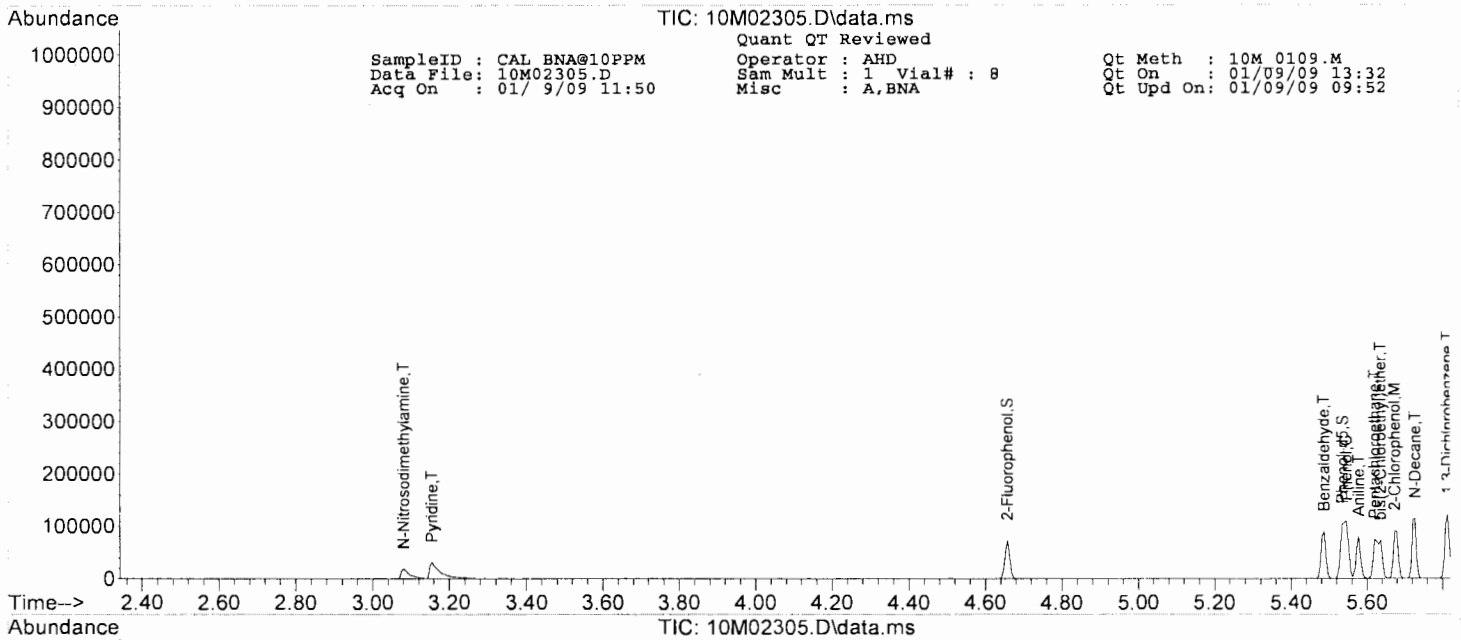
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02305.D Sam Mult : 1 Vial# : 8 Qt On : 01/09/09 13:32
Acq On : 01/ 9/09 11:50 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.360	65	10274	9.57	ng	79
61)	2,3,4,6-Tetrachlorophenol	8.584	232	15771	11.45	ng	78
62)	Fluorene	8.798	166	58997	10.18	ng	95
63)	4-Chlorophenyl-phenyle...	8.793	204	30349	10.83	ng	79
64)	Diethylphthalate	8.664	149	52951	9.68	ng	94
65)	4-Nitroaniline	8.798	138	12565	9.40	ng	81
66)	Atrazine	9.424	200	16541	9.48	ng	93
68)	4,6-Dinitro-2-methylph...	8.830	198	7780	8.05	ng	100
69)	n-Nitrosodiphenylamine	8.900	169	49029	10.15	ng	97
71)	1,2-Diphenylhydrazine	8.943	77	50926	9.04	ng	76
72)	4-Bromophenyl-phenylether	9.279	248	20159	12.16	ng	67
73)	Hexachlorobenzene	9.344	284	23818	13.16	ng	50
74)	N-Octadecane	9.611	57	24365	6.65	ng	65
75)	Pentachlorophenol	9.542	266	11440	12.95	ng	94
76)	Phenanthrene	9.777	178	85310	10.21	ng	98
77)	Anthracene	9.830	178	83783	9.59	ng	98
78)	Carbazole	9.996	167	79214	10.12	ng	95
79)	Di-n-butylphthalate	10.381	149	81360	8.52	ng	97
80)	Fluoranthene	11.103	202	90450	10.09	ng	80
82)	Pyrene	11.365	202	99188	9.21	ng	80
83)	Benzidine	11.258	184	16191	5.68	ng	81
85)	4,4'-DDE	11.488	246	23470	10.08	ng	86
86)	Endrin	11.820	81	4386	7.07	ng	18
87)	4,4'-DDD	11.884	235	36698	9.41	ng	90
88)	Butylbenzylphthalate	12.141	149	34922	7.35	ng	66
89)	Endrin aldehyde	11.820	67	2280	7.18	ng	64
90)	4,4'-DDT	12.243	235	39367	10.16	ng	94
91)	Endrin ketone	12.724	317	5576	12.21	ng	96
92)	3,3'-Dichlorobenzidine	12.756	252	20910	6.79	ng	94
93)	Benzo[a]anthracene	12.783	228	99339	9.68	ng	98
94)	Chrysene	12.826	228	100983	10.89	ng	97
95)	bis(2-Ethylhexyl)phtha...	12.831	149	49003	7.53	ng	93
97)	Di-n-octylphthalate	13.580	149	64253	5.15	ng	99
98)	Benzo[b]fluoranthene	13.992	252	90155	9.10	ng	89
99)	Benzo[k]fluoranthene	14.024	252	101456	9.90	ng	88
100)	Benzo[a]pyrene	14.350	252	86439	9.20	ng	87
101)	Indeno[1,2,3-cd]pyrene	15.730	276	94284	10.63	ng	73
102)	Dibenzo[a,h]anthracene	15.751	278	73180	9.73	ng	82
103)	Benzo[g,h,i]perylene	16.104	276	81576	11.38	ng	74

(#) = qualifier out of range (m) = manual integration (+) = signals summed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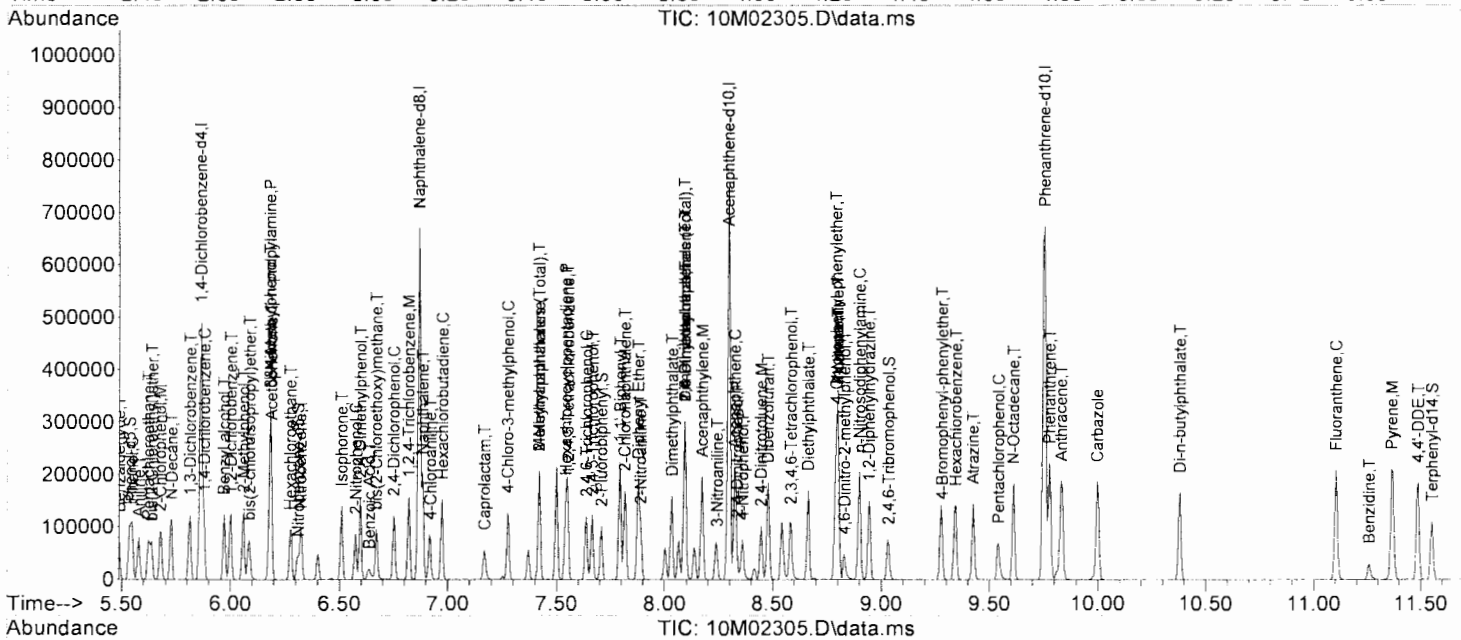
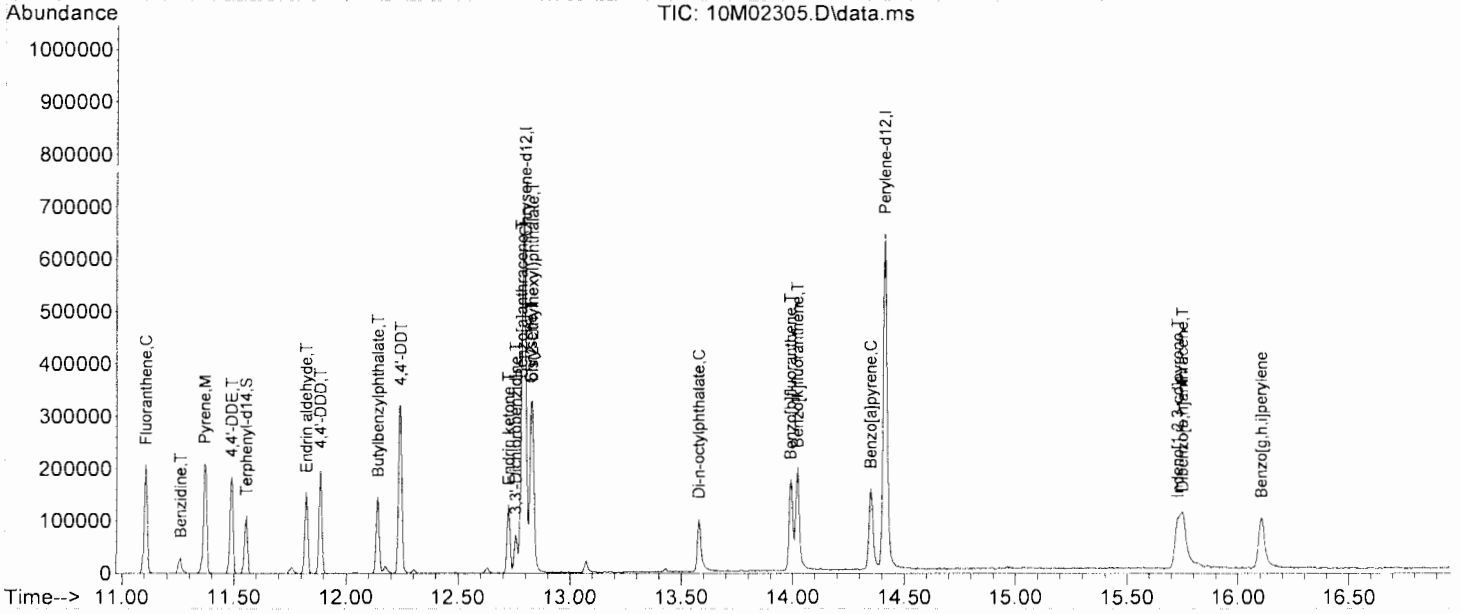
TIC: 10M02305.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@10PPM
Data File: 10M02305.D
Acq On : 01/ 9/09 11:50
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 13:32
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02305.D\data.ms
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,T
2,4-Dinitrotoluene,M
2,3,4,6-Tetrachlorophenol,I
Diethylphthalate,T
4,6-Dinitro-2-methylphenol,C
1,2-Diphenylhydrazine,C
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02305.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Perylene-d12,I
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02304.D Sam Mult : 1 Vial# : 7 Qt On : 01/09/09 13:26
Acq On : 01/ 9/09 11:27 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.862	152	63746	40.00	ng	0.00
23) Naphthalene-d8	6.867	136	237800	40.00	ng	0.00
41) Acenaphthene-d10	8.295	164	140063	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	249388	40.00	ng	0.00
81) Chrysene-d12	12.793	240	267980	40.00	ng	-0.02
96) Perylene-d12	14.414	264	274224	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	34161	19.26	ng	0.00
Spiked Amount 100.000			Recovery = 19.26%			
9) Phenol-d5	5.535	99	47118	17.55	ng	-0.01
Spiked Amount 100.000			Recovery = 17.55%			
24) Nitrobenzene-d5	6.311	128	10141	10.36	ng	0.00
Spiked Amount 50.000			Recovery = 20.72%			
46) 2-Fluorobiphenyl	7.707	172	51269	11.19	ng	0.00
Spiked Amount 50.000			Recovery = 22.38%			
70) 2,4,6-Tribromophenol	9.033	330	21573	25.63	ng	0.00
Spiked Amount 100.000			Recovery = 25.63%			
84) Terphenyl-d14	11.553	244	74710	10.34	ng	0.00
Spiked Amount 50.000			Recovery = 20.68%			
Target Compounds						Qvalue
2) Pyridine	3.144	79	33853	23.13	ng	68
3) N-Nitrosodimethylamine	3.075	74	19331	22.37	ng	92
5) Benzaldehyde	5.487	77	29204	17.49	ng	73
6) Aniline	5.578	93	51231	17.10	ng	84
7) Pentachloroethane	5.621	117	12046	18.24	ng	63
8) bis(2-Chloroethyl)ether	5.637	93	36198	18.46	ng	78
10) Phenol	5.546	94	49693	16.97	ng	97
11) 2-Chlorophenol	5.680	128	41884	18.88	ng	76
12) N-Decane	5.728	57	34519	14.64	ng	73
13) 1,3-Dichlorobenzene	5.813	146	46563	19.26	ng	90
14) 1,4-Dichlorobenzene	5.878	146	49965	19.69	ng	98
15) 1,2-Dichlorobenzene	6.001	146	45398	19.31	ng	98
16) Benzyl alcohol	5.969	108	26519	18.28	ng	88
17) bis(2-chloroisopropyl)...	6.086	45	39888	11.91	ng	50
18) 2-Methylphenol	6.059	108	38326	18.28	ng	99
19) Acetophenone	6.188	105	59311	17.02	ng	73
20) Hexachloroethane	6.273	117	17791	18.75	ng	75
21) N-Nitroso-di-n-propyla...	6.188	70	31338	17.84	ng	71
22) 3&4-Methylphenol	6.183	108	40293	18.09	ng	97
25) Nitrobenzene	6.322	77	44570	18.66	ng	87
26) Isophorone	6.509	82	78656	18.29	ng	84
27) 2-Nitrophenol	6.573	139	23509	19.74	ng	94
28) 2,4-Dimethylphenol	6.594	107	43450	18.91	ng	95
29) Benzoic Acid	6.648	105	22637	17.16	ng	96
30) bis(2-Chloroethoxy)met...	6.669	93	44380	18.45	ng	96
31) 2,4-Dichlorophenol	6.755	162	37771	19.51	ng	82
32) 1,2,4-Trichlorobenzene	6.819	180	43797	20.83	ng	96
33) Naphthalene	6.883	128	129730	20.12	ng	97
34) 4-Chloroaniline	6.915	127	44358	19.49	ng	99
35) Hexachlorobutadiene	6.974	225	27071	21.11	ng	98
36) Caprolactam	7.172	113	13391	18.15	ng	56
37) 4-Chloro-3-methylphenol	7.279	107	38271	18.73	ng	78
38) 2-Methylnaphthalene	7.418	142	91542	20.19	ng	100
39) Methylnaphthalenes (To...	7.418	142	91542	20.19	ng	100
40) 1,1'-Biphenyl	7.792	154	114668	19.94	ng	91
42) 1,2,4,5-Tetrachloroben...	7.552	216	49757	21.46	ng	97
43) Hexachlorocyclopentadiene	7.541	237	29393	35.84	ng	95
44) 2,4,6-Trichlorophenol	7.637	196	30171	21.76	ng	98
45) 2,4,5-Trichlorophenol	7.664	196	31568	20.91	ng	98
47) 2-Chloronaphthalene	7.819	162	88674	21.33	ng	90
48) 1,4-Dimethylnaphthalene	8.097	156	70551	20.49	ng	88
49) Dimethylnaphthalenes (...	8.097	156	70551	20.49	ng	88
50) Diphenyl Ether	7.878	170	64591	20.12	ng	75
51) 2-Nitroaniline	7.889	65	30609	17.62	ng	65
52) Acenaphthylene	8.172	152	140818	20.73	ng	99
53) Dimethylphthalate	8.033	163	100481	20.61	ng	98
54) 2,6-Dinitrotoluene	8.092	165	23743	20.86	ng	64
55) Acenaphthene	8.322	153	90889	21.43	ng	96
56) 3-Nitroaniline	8.242	138	20680	19.20	ng	77
57) 2,4-Dinitrophenol	8.333	184	10875	19.15	ng	68
58) Dibenzofuran	8.477	168	127040	20.59	ng	84
59) 2,4-Dinitrotoluene	8.445	165	31357	20.02	ng	68

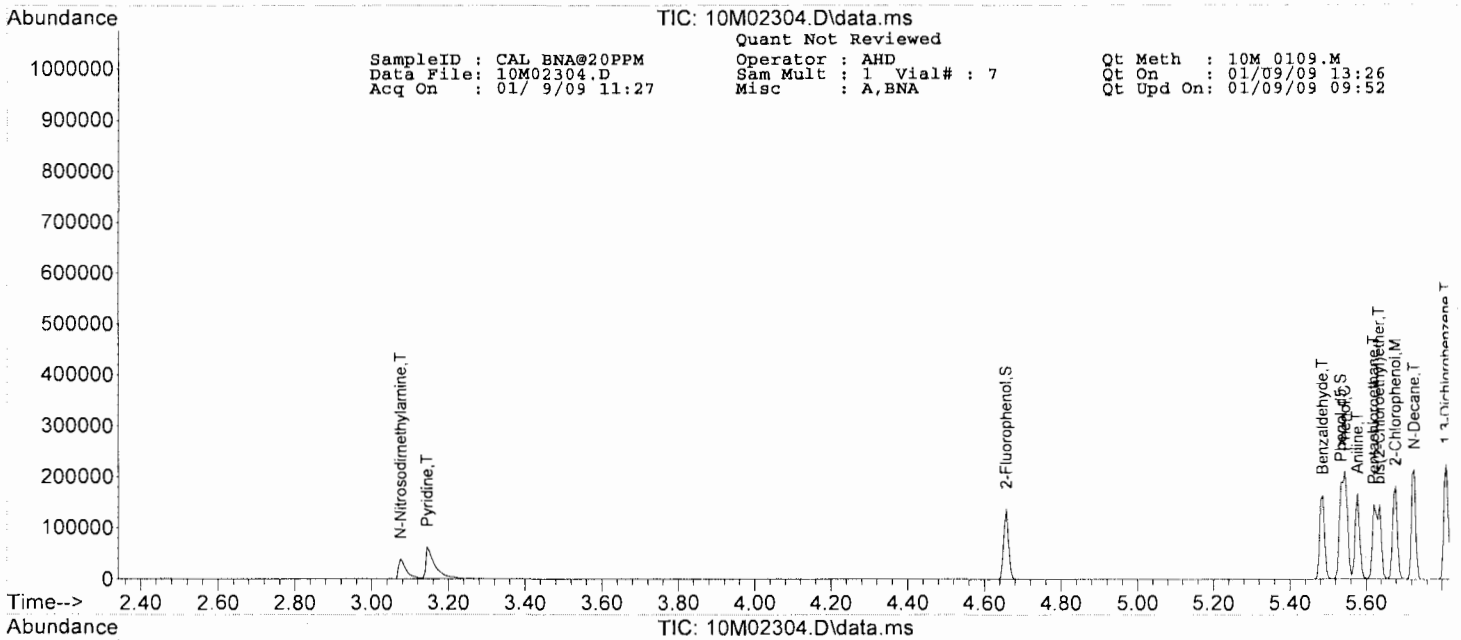
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02304.D Sam Mult : 1 Vial# : 7 Qt On : 01/09/09 13:26
Acq On : 01/ 9/09 11:27 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.359	65	19349	19.61	ng	77
61) 2,3,4,6-Tetrachlorophenol	8.584	232	30232	23.89	ng	80
62) Fluorene	8.803	166	107392	20.17	ng	99
63) 4-Chlorophenyl-phenyle...	8.793	204	54715	21.26	ng	76
64) Diethylphthalate	8.664	149	97143	19.32	ng	96
65) 4-Nitroaniline	8.798	138	23804	19.38	ng	81
66) Atrazine	9.429	200	30939	19.30	ng	92
68) 4,6-Dinitro-2-methylph...	8.830	198	17715	19.01	ng	100
69) n-Nitrosodiphenylamine	8.900	169	91377	19.62	ng	98
71) 1,2-Diphenylhydrazine	8.942	77	93368	17.19	ng	81
72) 4-Bromophenyl-phenylether	9.279	248	37979	23.75	ng	70
73) Hexachlorobenzene	9.344	284	41982	24.05	ng	56
74) N-Octadecane	9.611	57	44770	12.67	ng	61
75) Pentachlorophenol	9.541	266	23970	28.13	ng	93
76) Phenanthrene	9.777	178	155870	19.35	ng	98
77) Anthracene	9.836	178	161156	19.12	ng	97
78) Carbazole	9.996	167	144839	19.19	ng	95
79) Di-n-butylphthalate	10.381	149	154330	16.76	ng	98
80) Fluoranthene	11.103	202	170386	19.70	ng	82
82) Pyrene	11.371	202	186482	18.13	ng	79
83) Benzidine	11.258	184	43687	16.05	ng	81
85) 4,4'-DDE	11.488	246	43976	19.77	ng	89
86) Endrin	11.820	81	7833	13.21	ng	5
87) 4,4'-DDD	11.884	235	71544	19.21	ng	92
88) Butylbenzylphthalate	12.141	149	66324	14.60	ng	67
89) Endrin aldehyde	11.820	67	4664	15.38	ng	83
90) 4,4'-DDT	12.243	235	75170	20.31	ng	93
91) Endrin ketone	12.724	317	9749	22.34	ng	97
92) 3,3'-Dichlorobenzidine	12.756	252	43020	14.61	ng	93
93) Benzo[a]anthracene	12.783	228	184036	18.77	ng	98
94) Chrysene	12.826	228	183476	20.72	ng	97
95) bis(2-Ethylhexyl)phtha...	12.831	149	92900	14.94	ng	90
97) Di-n-octylphthalate	13.580	149	133902	11.55	ng	99
98) Benzo[b]fluoranthene	13.992	252	168619	18.32	ng	89
99) Benzo[k]fluoranthene	14.024	252	183813	19.32	ng	89
100) Benzo[a]pyrene	14.350	252	158905	18.21	ng	87
101) Indeno[1,2,3-cd]pyrene	15.730	276	177558	21.56	ng	64
102) Dibenzo[a,h]anthracene	15.757	278	147321	21.08	ng	80
103) Benzo[g,h,i]perylene	16.104	276	153266	23.01	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed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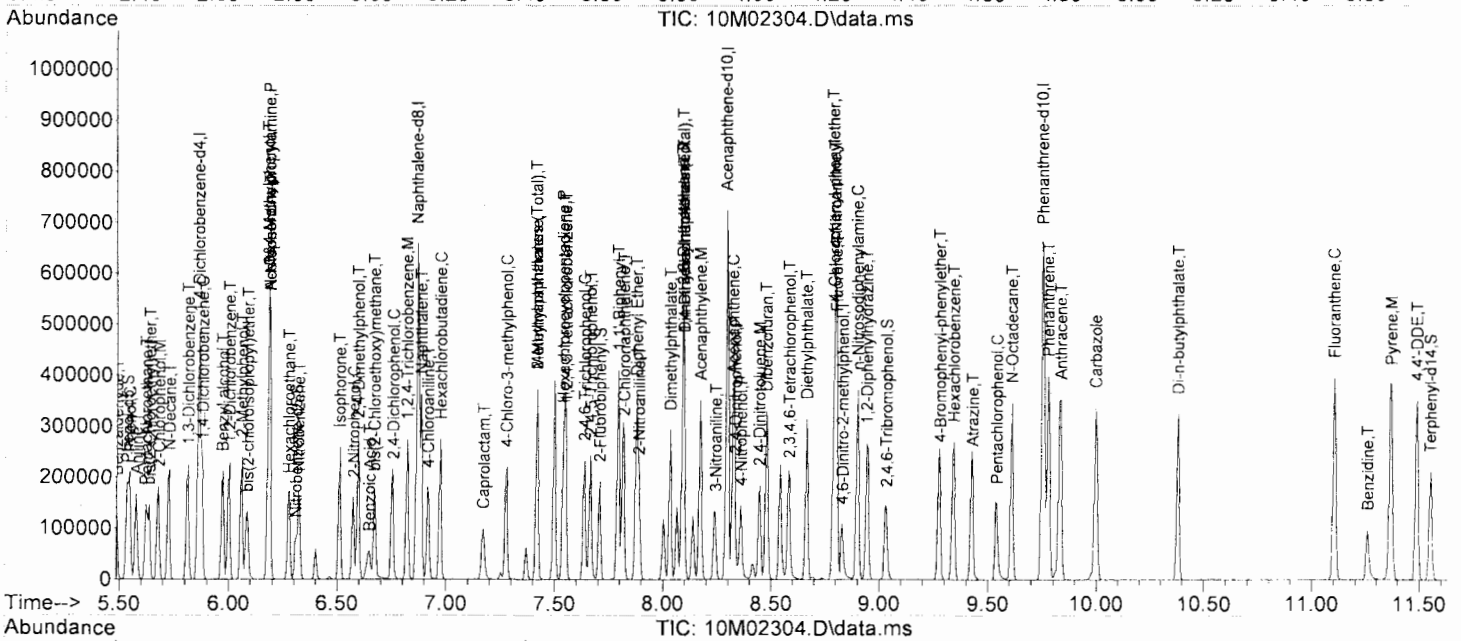
Quant Not Reviewed
SampleID : CAL BNA@20PPM
Data File: 10M02304.D
Acq On : 01/ 9/09 11:27
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 10M 0109.M
Qt On : 01/09/09 13:26
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
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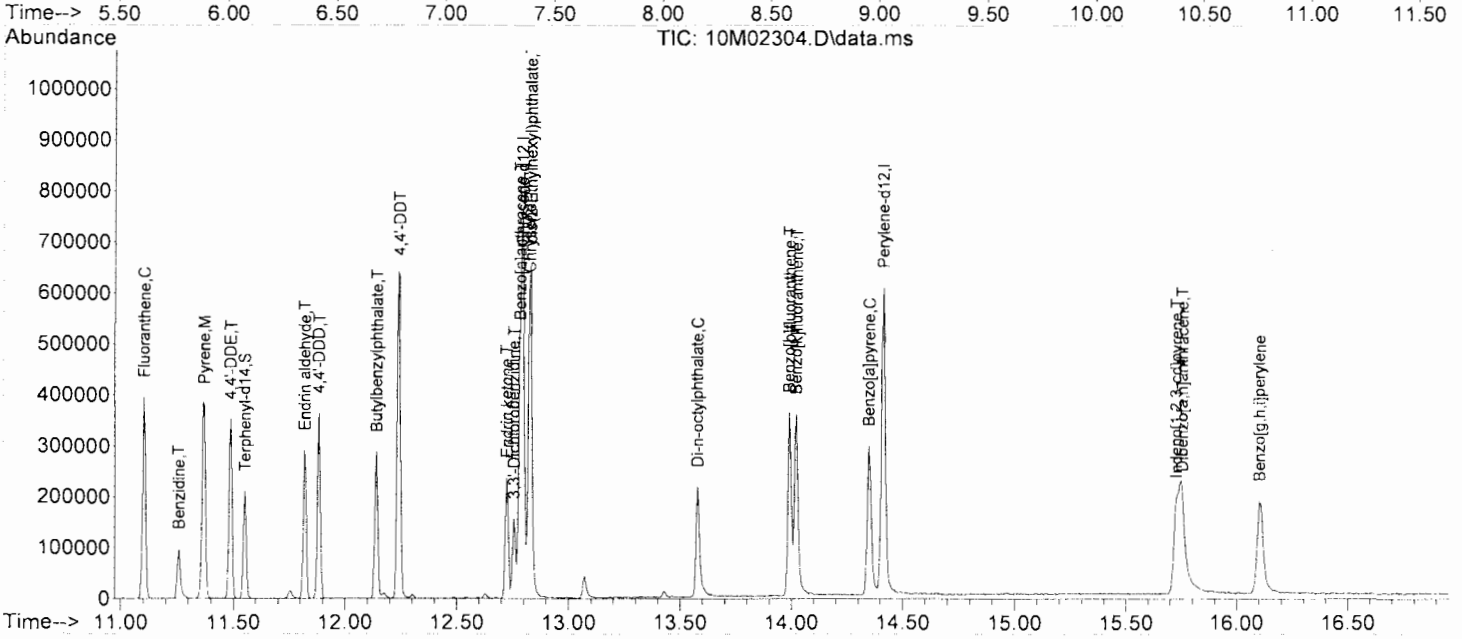
Caprolactam,T
4-Chloro-3-methylphenol,C
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02304.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02302.D Sam Mult : 1 Vial# : 5 Qt On : 01/09/09 11:06
Acq On : 01/ 9/09 10:41 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.862	152	59769	40.00	ng	0.00
23) Naphthalene-d8	6.867	136	220922	40.00	ng	0.00
41) Acenaphthene-d10	8.295	164	132964	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	233671	40.00	ng	0.00
81) Chrysene-d12	12.799	240	247410	40.00	ng	-0.01
96) Perylene-d12	14.419	264	254192	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	137635	82.75	ng	0.00
Spiked Amount 100.000			Recovery = 82.75%			
9) Phenol-d5	5.541	99	192134	76.33	ng	0.00
Spiked Amount 100.000			Recovery = 76.33%			
24) Nitrobenzene-d5	6.311	128	39002	42.88	ng	0.00
Spiked Amount 50.000			Recovery = 85.76%			
46) 2-Fluorobiphenyl	7.707	172	195278	44.88	ng	0.00
Spiked Amount 50.000			Recovery = 89.76%			
70) 2,4,6-Tribromophenol	9.033	330	81517	103.38	ng	0.00
Spiked Amount 100.000			Recovery = 103.38%			
84) Terphenyl-d14	11.553	244	290658	43.59	ng	0.00
Spiked Amount 50.000			Recovery = 87.18%			
Target Compounds						Qvalue
2) Pyridine	3.134	79	146516	106.77	ng	68
3) N-Nitrosodimethylamine	3.075	74	79287	97.87	ng	84
5) Benzaldehyde	5.487	77	76307	48.74	ng	79
6) Aniline	5.578	93	221970	79.01	ng	82
7) Pentachloroethane	5.621	117	49495	79.93	ng	67
8) bis(2-Chloroethyl)ether	5.637	93	139745	75.99	ng	77
10) Phenol	5.551	94	193792	70.57	ng	98
11) 2-Chlorophenol	5.680	128	168863	81.19	ng	78
12) N-Decane	5.728	57	131966	59.68	ng	72
13) 1,3-Dichlorobenzene	5.813	146	184535	81.40	ng	96
14) 1,4-Dichlorobenzene	5.878	146	191067	80.32	ng	98
15) 1,2-Dichlorobenzene	6.001	146	177497	80.51	ng	99
16) Benzyl alcohol	5.974	108	106088	78.01	ng	85
17) bis(2-chloroisopropyl)...	6.086	45	148739	47.35	ng	58
18) 2-Methylphenol	6.060	108	148938	75.76	ng	100
19) Acetophenone	6.188	105	233451	71.44	ng	85
20) Hexachloroethane	6.279	117	67281	75.63	ng	53
21) N-Nitroso-di-n-propyla...	6.188	70	124086	75.32	ng	79
22) 3&4-Methylphenol	6.188	108	165369	79.17	ng	97
25) Nitrobenzene	6.327	77	171162	77.12	ng	83
26) Isophorone	6.514	82	306831	76.78	ng	84
27) 2-Nitrophenol	6.573	139	93642	84.62	ng	93
28) 2,4-Dimethylphenol	6.600	107	172467	80.79	ng	97
29) Benzoic Acid	6.675	105	125767	102.64	ng	89
30) bis(2-Chloroethoxy)met...	6.675	93	176605	79.02	ng	97
31) 2,4-Dichlorophenol	6.755	162	147459	81.99	ng	87
32) 1,2,4-Trichlorobenzene	6.824	180	170919	87.49	ng	97
33) Naphthalene	6.889	128	499094	83.33	ng	98
34) 4-Chloroaniline	6.921	127	174898	82.73	ng	99
35) Hexachlorobutadiene	6.974	225	105259	88.33	ng	97
36) Caprolactam	7.204	113	49933	72.87	ng	65
37) 4-Chloro-3-methylphenol	7.279	107	152020	80.09	ng	83
38) 2-Methylnaphthalene	7.418	142	351392	83.44	ng	100
39) Methylnaphthalenes (To...	7.418	142	351392	83.44	ng	100
40) 1,1'-Biphenyl	7.792	154	439572	82.29	ng	92
42) 1,2,4,5-Tetrachloroben...	7.552	216	192763	87.57	ng	98
43) Hexachlorocyclopentadiene	7.541	237	123950	159.20	ng	96
44) 2,4,6-Trichlorophenol	7.637	196	117797	89.50	ng	99
45) 2,4,5-Trichlorophenol	7.669	196	126805	88.49	ng	99
47) 2-Chloronaphthalene	7.819	162	329904	83.61	ng	92
48) 1,4-Dimethylnaphthalene	8.097	156	274433	83.96	ng	87
49) Dimethylnaphthalenes (...	8.097	156	274433	83.96	ng	87
50) Diphenyl Ether	7.878	170	243091	79.75	ng	77
51) 2-Nitroaniline	7.894	65	119830	72.67	ng	61
52) Acenaphthylene	8.178	152	537856	83.42	ng	99
53) Dimethylphthalate	8.039	163	379588	82.01	ng	97
54) 2,6-Dinitrotoluene	8.097	165	93678	86.68	ng	59
55) Acenaphthene	8.327	153	342129	84.98	ng	98
56) 3-Nitroaniline	8.247	138	83024	81.20	ng	72
57) 2,4-Dinitrophenol	8.333	184	62246	115.48	ng	78
58) Dibenzofuran	8.482	168	483333	82.53	ng	83
59) 2,4-Dinitrotoluene	8.450	165	122699	82.53	ng	64

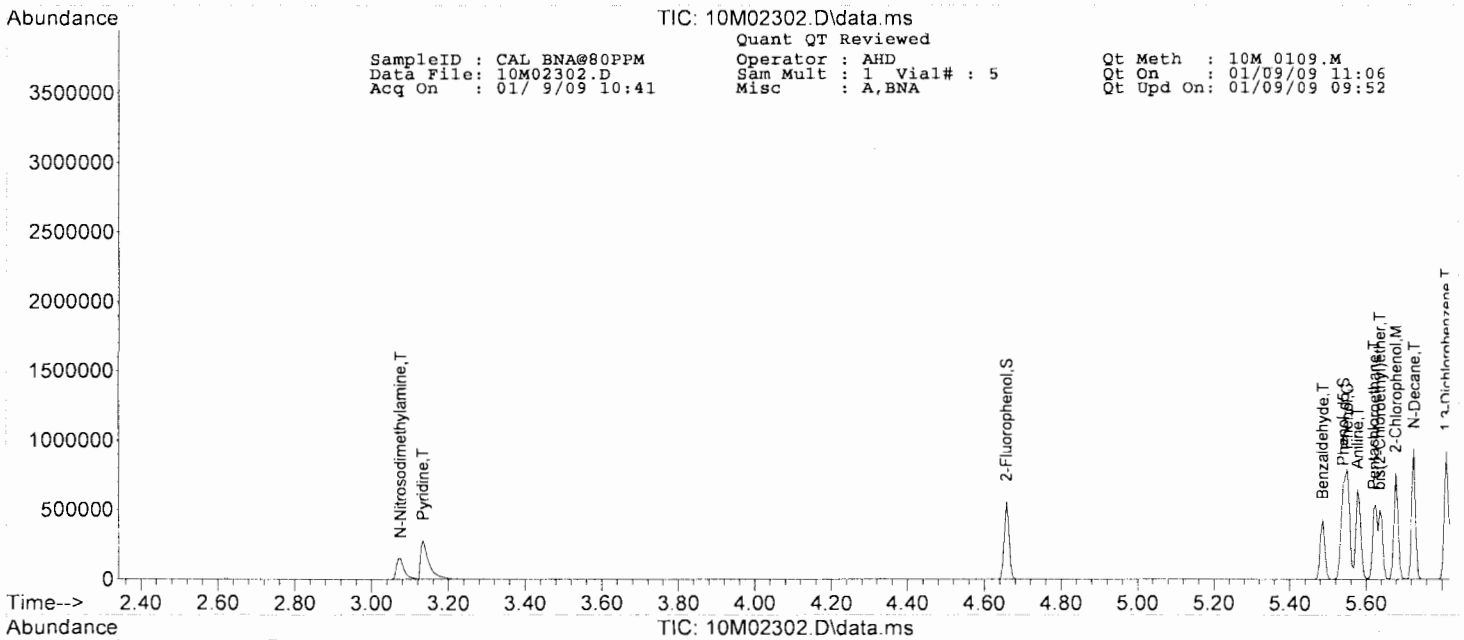
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02302.D Sam Mult : 1 Vial# : 5 Qt On : 01/09/09 11:06
Acq On : 01/ 9/09 10:41 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.365	65	71200	76.00	ng	88
61)	2,3,4,6-Tetrachlorophenol	8.584	232	120776	100.53	ng	79
62)	Fluorene	8.803	166	407704	80.66	ng	98
63)	4-Chlorophenyl-phenyle...	8.793	204	211656	86.63	ng	80
64)	Diethylphthalate	8.670	149	371385	77.80	ng	95
65)	4-Nitroaniline	8.809	138	95617	82.01	ng	82
66)	Atrazine	9.434	200	116464	76.55	ng	89
68)	4,6-Dinitro-2-methylph...	8.835	198	80254	91.93	ng	100
69)	n-Nitrosodiphenylamine	8.905	169	352230	80.70	ng	98
71)	1,2-Diphenylhydrazine	8.948	77	361658	71.05	ng	77
72)	4-Bromophenyl-phenylether	9.279	248	141243	94.27	ng	74
73)	Hexachlorobenzene	9.344	284	158622	96.99	ng	55
74)	N-Octadecane	9.611	57	180279	54.44	ng	69
75)	Pentachlorophenol	9.541	266	102751	128.71	ng	95
76)	Phenanthrene	9.782	178	593547	78.63	ng	98
77)	Anthracene	9.836	178	602932	76.33	ng	99
78)	Carbazole	10.001	167	558426	78.96	ng	96
79)	Di-n-butylphthalate	10.381	149	622870	72.21	ng	97
80)	Fluoranthene	11.109	202	652901	80.58	ng	81
82)	Pyrene	11.371	202	707226	74.48	ng	80
83)	Benzidine	11.258	184	152338	60.62	ng	81
85)	4,4'-DDE	11.488	246	165571	80.61	ng	87
86)	Endrin	11.820	81	31646	57.83	ng	10
87)	4,4'-DDD	11.890	235	279342	81.25	ng	93
88)	Butylbenzylphthalate	12.146	149	271737	64.81	ng	65
89)	Endrin aldehyde	11.820	67	16701	59.63	ng	82
90)	4,4'-DDT	12.243	235	304621	89.17	ng	94
91)	Endrin ketone	12.729	317	39174	97.24	ng	98
92)	3,3'-Dichlorobenzidine	12.761	252	189448	69.71	ng	93
93)	Benzo[a]anthracene	12.788	228	692061	76.45	ng	97
94)	Chrysene	12.831	228	682182	83.44	ng	96
95)	bis(2-Ethylhexyl)phtha...	12.836	149	389619	67.86	ng	86
97)	Di-n-octylphthalate	13.580	149	593335	55.21	ng	100
98)	Benzo[b]fluoranthene	13.997	252	662333	77.65	ng	90
99)	Benzo[k]fluoranthene	14.029	252	703108	79.72	ng	89
100)	Benzo[a]pyrene	14.355	252	641788	79.34	ng	88
101)	Indeno[1,2,3-cd]pyrene	15.741	276	709073	92.88	ng	64
102)	Dibenzo[a,h]anthracene	15.762	278	599578	92.57	ng	80
103)	Benzo[g,h,i]perylene	16.120	276	599066	97.05	ng	72

(#) = qualifier out of range (m) = manual integration (+) = signals summed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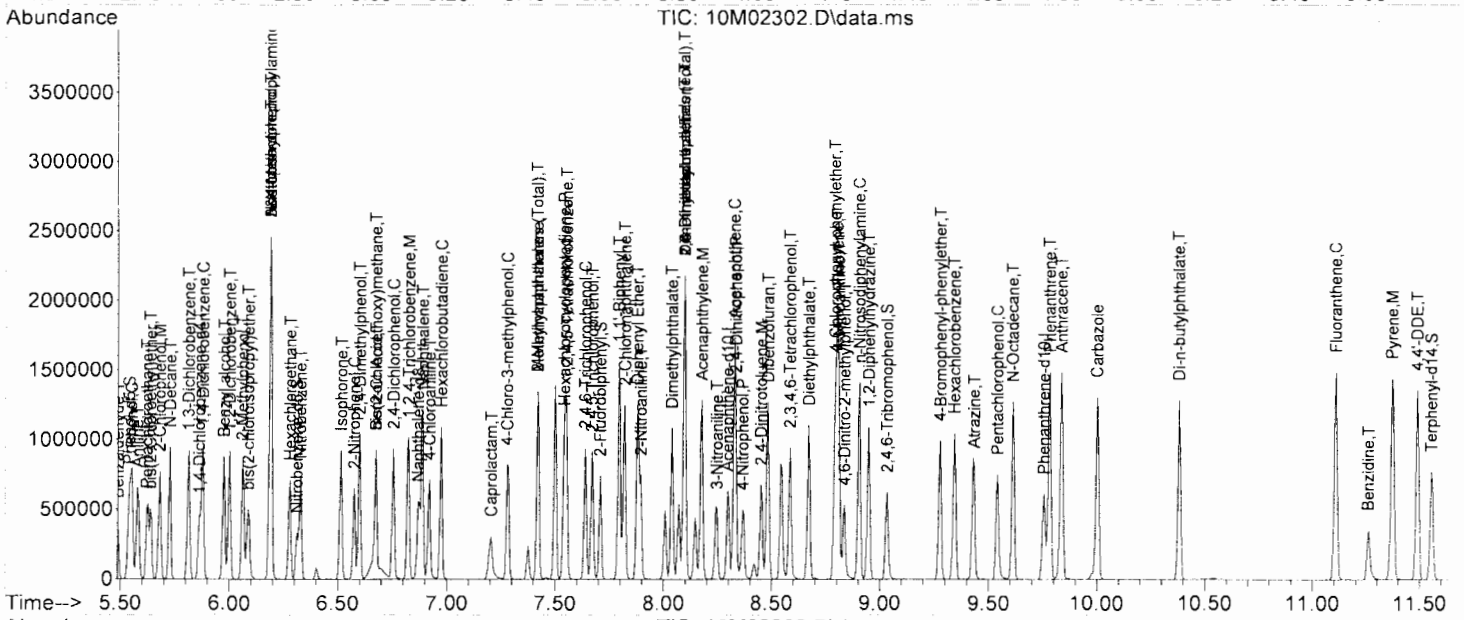
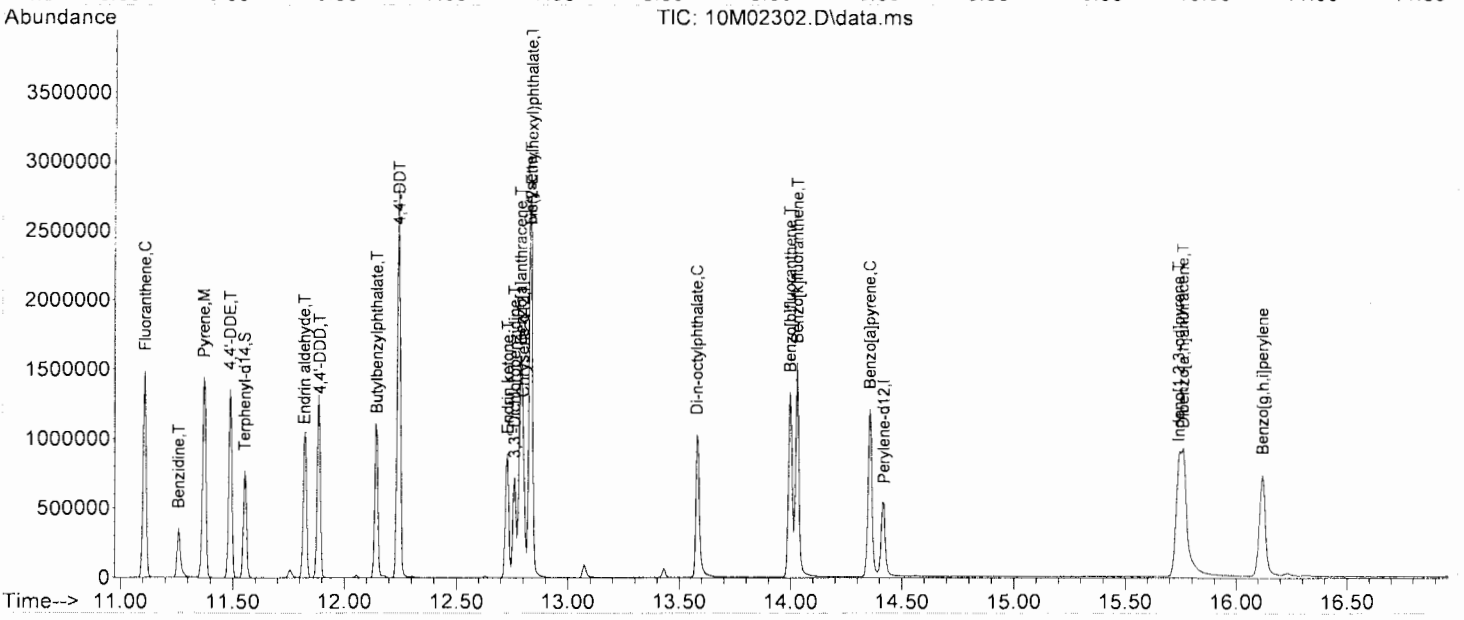
Quant QT Reviewed
SampleID : CAL BNA@80PPM
Data File: 10M02302.D
Acq On : 01/ 9/09 10:41
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 10M 0109.M
Qt On : 01/09/09 11:06
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02302.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,T
2-Fluorobiphenyl,S
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,T
Acenaphthene-d10,I
4-Nitrophenol,P
2,4-Dinitrotoluene,M
Dibenzofuran,T
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4,6-Dinitro-2-methylphenol,C
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02302.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02301.D Sam Mult : 1 Vial# : 4 Qt On : 01/09/09 10:45
Acq On : 01/ 9/09 10:18 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.861	152	70770	40.00	ng	0.00
23) Naphthalene-d8	6.872	136	269634	40.00	ng	0.00
41) Acenaphthene-d10	8.300	164	162462	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	284025	40.00	ng	0.00
81) Chrysene-d12	12.804	240	305106	40.00	ng	0.00
96) Perylene-d12	14.419	264	307601	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	257687	130.85	ng	0.00
Spiked Amount 100.000			Recovery = 130.85%			
9) Phenol-d5	5.546	99	354907	119.07	ng	0.00
Spiked Amount 100.000			Recovery = 119.07%			
24) Nitrobenzene-d5	6.316	128	73241	65.98	ng	0.00
Spiked Amount 50.000			Recovery = 131.96%			
46) 2-Fluorobiphenyl	7.712	172	360057	67.73	ng	0.00
Spiked Amount 50.000			Recovery = 135.46%			
70) 2,4,6-Tribromophenol	9.039	330	154668	161.37	ng	0.00
Spiked Amount 100.000			Recovery = 161.37%			
84) Terphenyl-d14	11.558	244	548056	66.65	ng	0.00
Spiked Amount 50.000			Recovery = 133.30%			
Target Compounds						Qvalue
2) Pyridine	3.128	79	269360	165.77	ng	69
3) N-Nitrosodimethylamine	3.075	74	148092	154.39	ng	84
5) Benzaldehyde	5.487	77	95632	51.59	ng	79
6) Aniline	5.583	93	410822	123.50	ng	83
7) Pentachloroethane	5.626	117	91678	125.04	ng	68
8) bis(2-Chloroethyl)ether	5.642	93	258265	118.61	ng	78
10) Phenol	5.557	94	373191	114.78	ng	94
11) 2-Chlorophenol	5.685	128	311466	126.47	ng	77
12) N-Decane	5.728	57	245529	93.78	ng	75
13) 1,3-Dichlorobenzene	5.813	146	340842	126.98	ng	99
14) 1,4-Dichlorobenzene	5.878	146	352611	125.19	ng	98
15) 1,2-Dichlorobenzene	6.001	146	328918	126.00	ng	98
16) Benzyl alcohol	5.979	108	197275	122.51	ng	83
17) bis(2-chloroisopropyl)...	6.086	45	274686	73.85	ng	61
18) 2-Methylphenol	6.065	108	274611	117.97	ng	99
19) Acetophenone	6.193	105	443945	114.74	ng	81
20) Hexachloroethane	6.279	117	127657	121.19	ng	64
21) N-Nitroso-di-n-propyla...	6.193	70	232410	119.14	ng	78
22) 3&4-Methylphenol	6.193	108	314754	127.27	ng	99
25) Nitrobenzene	6.332	77	319111	117.80	ng	79
26) Isophorone	6.519	82	573995	117.69	ng	82
27) 2-Nitrophenol	6.578	139	178986	132.52	ng	86
28) 2,4-Dimethylphenol	6.600	107	318127	122.10	ng	96
29) Benzoic Acid	6.696	105	254985m	170.50	ng	
30) bis(2-Chloroethoxy)met...	6.680	93	329388	120.76	ng	96
31) 2,4-Dichlorophenol	6.760	162	277465	126.41	ng	86
32) 1,2,4-Trichlorobenzene	6.824	180	318224	133.46	ng	96
33) Naphthalene	6.888	128	931922	127.49	ng	98
34) 4-Chloroaniline	6.920	127	304532	118.03	ng	100
35) Hexachlorobutadiene	6.974	225	192148	132.12	ng	96
36) Caprolactam	7.225	113	93909	112.28	ng	59
37) 4-Chloro-3-methylphenol	7.284	107	284183	122.67	ng	84
38) 2-Methylnaphthalene	7.423	142	657522	127.93	ng	99
39) Methylnaphthalenes (To...	7.423	142	657522	127.93	ng	99
40) 1,1'-Biphenyl	7.798	154	828954	127.15	ng	91
42) 1,2,4,5-Tetrachloroben...	7.552	216	357240	132.83	ng	98
43) Hexachlorocyclopentadiene	7.546	237	235205	247.25	ng	98
44) 2,4,6-Trichlorophenol	7.643	196	225486	140.21	ng	99
45) 2,4,5-Trichlorophenol	7.675	196	235510	134.51	ng	98
47) 2-Chloronaphthalene	7.819	162	617143	128.00	ng	92
48) 1,4-Dimethylnaphthalene	8.103	156	518928	129.94	ng	85
49) Dimethylnaphthalenes (...	8.103	156	518928	129.94	ng	85
50) Diphenyl Ether	7.883	170	461092	123.81	ng	72
51) 2-Nitroaniline	7.899	65	220596	109.49	ng	52
52) Acenaphthylene	8.177	152	1003483	127.37	ng	98
53) Dimethylphthalate	8.044	163	707766	125.15	ng	98
54) 2,6-Dinitrotoluene	8.103	165	176145	133.40	ng	58
55) Acenaphthene	8.333	153	651836	132.51	ng	96
56) 3-Nitroaniline	8.252	138	146958	117.64	ng	74
57) 2,4-Dinitrophenol	8.338	184	127814	194.06	ng	84
58) Dibenzofuran	8.488	168	906216	126.64	ng	82
59) 2,4-Dinitrotoluene	8.461	165	234475	129.08	ng	56

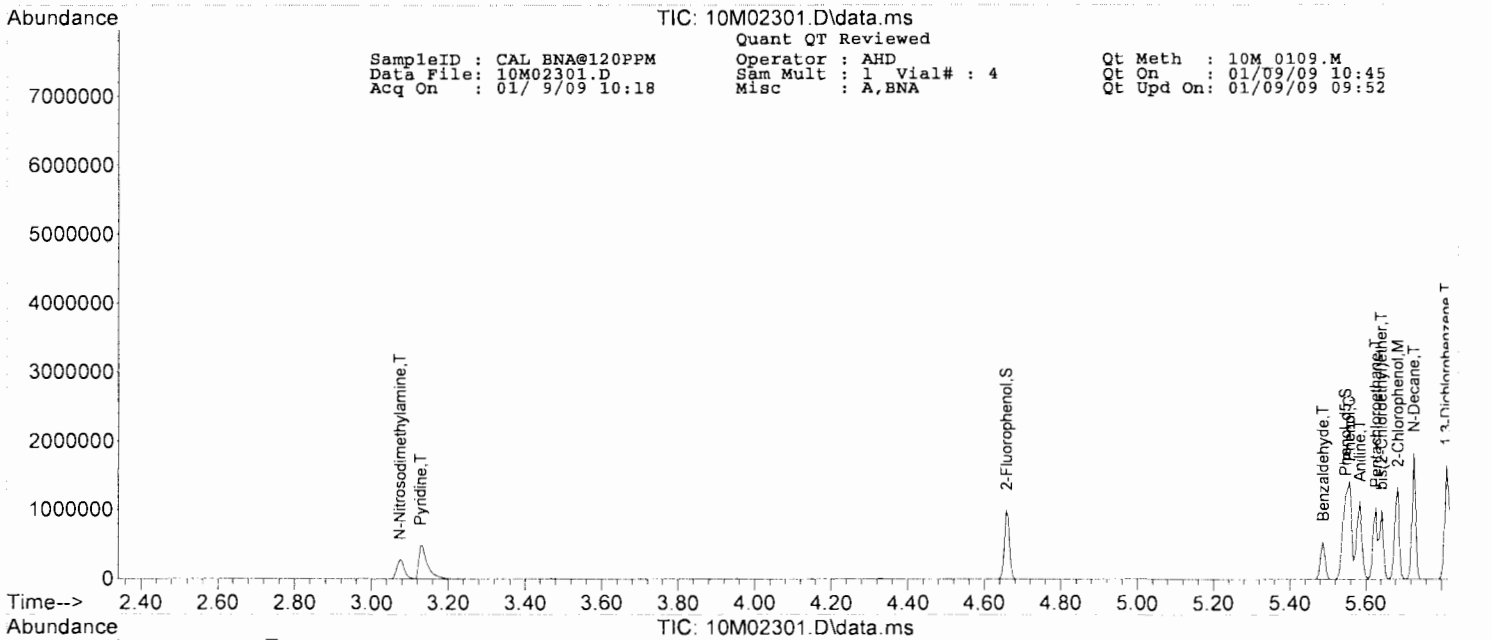
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02301.D Sam Mult : 1 Vial# : 4 Qt On : 01/09/09 10:45
Acq On : 01/ 9/09 10:18 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60)	4-Nitrophenol	8.375	65	136987	119.67 ng	79
61)	2,3,4,6-Tetrachlorophenol	8.589	232	231628	157.80 ng	79
62)	Fluorene	8.809	166	778966	126.12 ng	100
63)	4-Chlorophenyl-phenyle...	8.793	204	397769	133.24 ng	82
64)	Diethylphthalate	8.675	149	695223	119.19 ng	94
65)	4-Nitroaniline	8.819	138	185085	129.92 ng	83
66)	Atrazine	9.440	200	222143	119.50 ng	92
68)	4,6-Dinitro-2-methylph...	8.841	198	161460	152.17 ng	100
69)	n-Nitrosodiphenylamine	8.910	169	663925	125.15 ng	98
71)	1,2-Diphenylhydrazine	8.953	77	682561	110.33 ng	75
72)	4-Bromophenyl-phenylether	9.279	248	265121	145.58 ng	77
73)	Hexachlorobenzene	9.349	284	298865	150.34 ng	52
74)	N-Octadecane	9.616	57	349316	86.79 ng	69
75)	Pentachlorophenol	9.541	266	199045	205.13 ng	99
76)	Phenanthrene	9.787	178	1116593	121.69 ng	97
77)	Anthracene	9.841	178	1149212	119.70 ng	98
78)	Carbazole	10.007	167	1058352	123.12 ng	96
79)	Di-n-butylphthalate	10.386	149	1194465	113.92 ng	96
80)	Fluoranthene	11.114	202	1244880	126.41 ng	82
82)	Pyrene	11.376	202	1336994	114.17 ng	80
83)	Benzidine	11.264	184	242316	78.20 ng	79
85)	4,4'-DDE	11.494	246	314268	124.08 ng	87
86)	Endrin	11.825	81	61232	90.73 ng	10
87)	4,4'-DDD	11.889	235	534431	126.05 ng	93
88)	Butylbenzylphthalate	12.146	149	516829	99.96 ng	71
89)	Endrin aldehyde	11.825	67	30672	88.81 ng	78
90)	4,4'-DDT	12.248	235	588039	139.58 ng	94
91)	Endrin ketone	12.734	317	72242	145.42 ng	98
92)	3,3'-Dichlorobenzidine	12.767	252	351542	104.89 ng	92
93)	Benzo[a]anthracene	12.793	228	1313507	117.67 ng	98
94)	Chrysene	12.841	228	1311435	130.08 ng	96
95)	bis(2-Ethylhexyl)phtha...	12.836	149	767413	108.39 ng	89
97)	Di-n-octylphthalate	13.585	149	1157315	88.99 ng	99
98)	Benzo[b]fluoranthene	14.007	252	1246219	120.73 ng	89
99)	Benzo[k]fluoranthene	14.034	252	1308091	122.56 ng	90
100)	Benzo[a]pyrene	14.366	252	1212053	123.82 ng	86
101)	Indeno[1,2,3-cd]pyrene	15.751	276	1368363	148.11 ng	68
102)	Dibenzo[a,h]anthracene	15.772	278	1154348	147.27 ng	81
103)	Benzo[g,h,i]perylene	16.136	276	1136176	152.10 ng	73

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


Abundance
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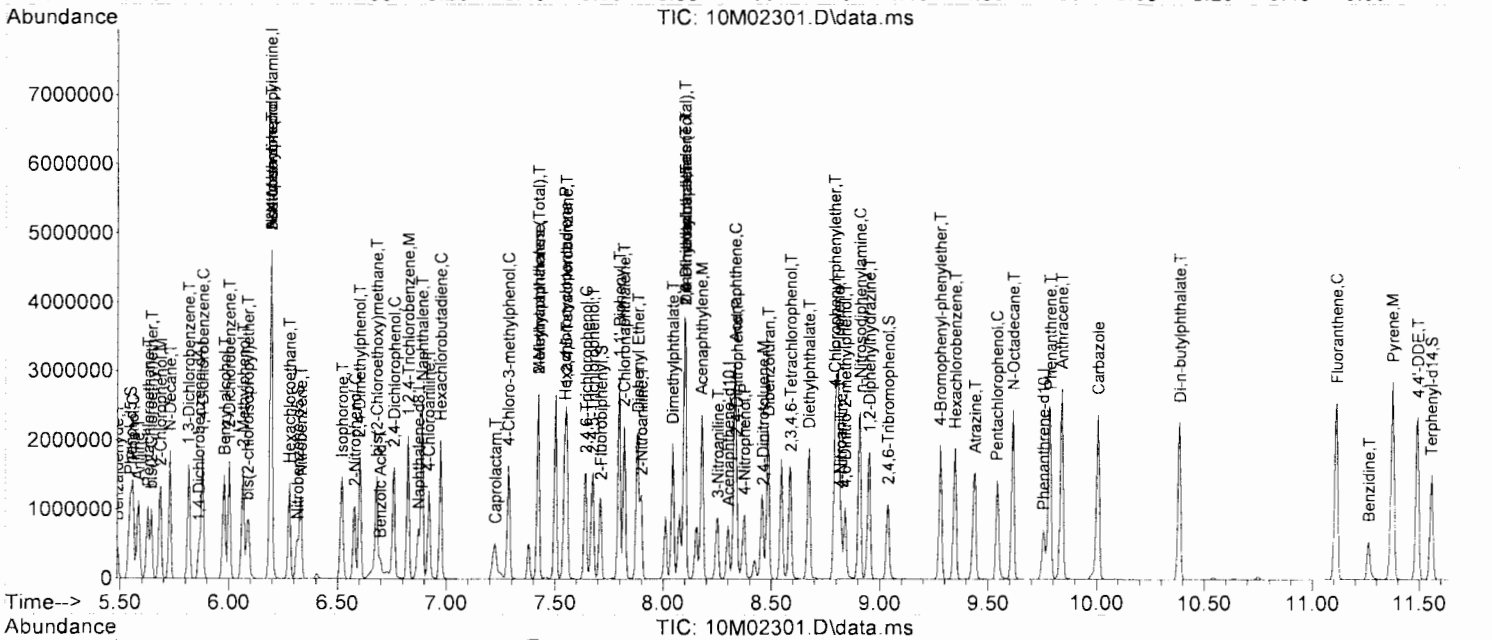
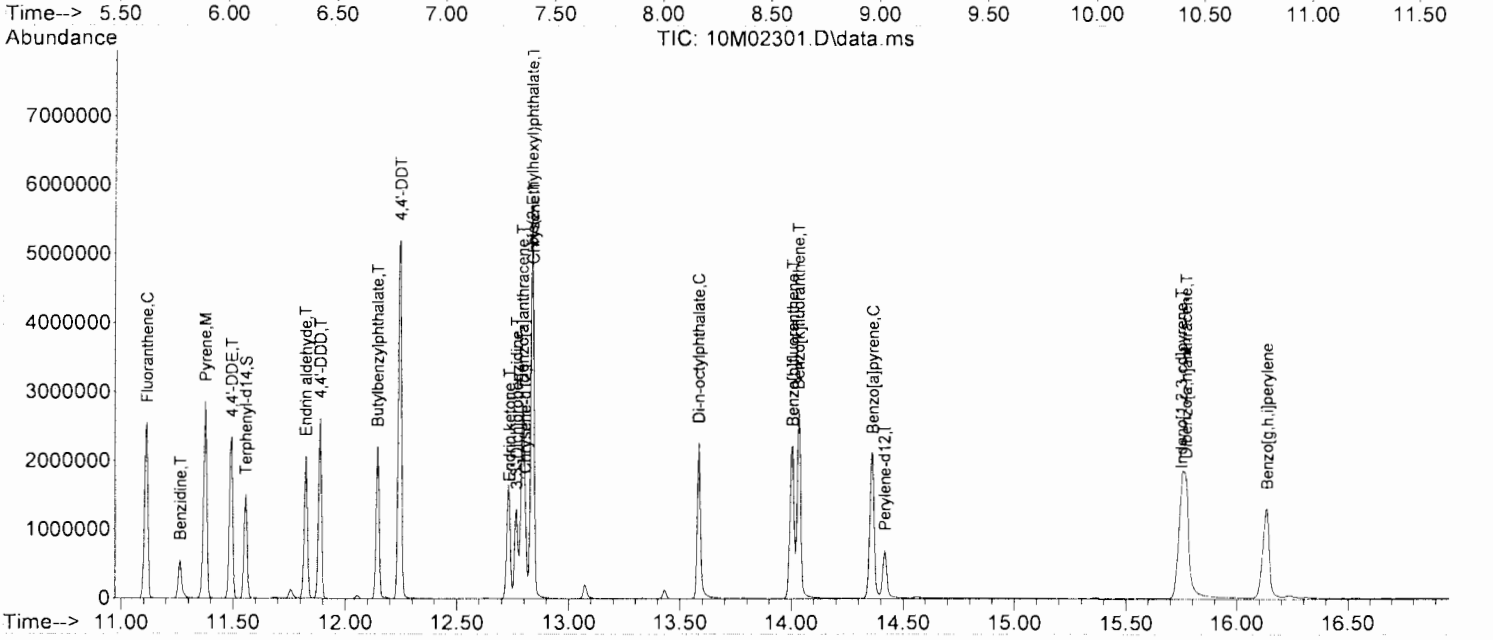
Quant QT Reviewed
SampleID : CAL BNA@120PPM
Data File: 10M02301.D
Acq On : 01/ 9/09 10:18
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 10M 0109.M
Qt On : 01/09/09 10:45
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02301.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene,C
4-Nitrophenol,C
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02301.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02300.D Sam Mult : 1 Vial# : 3 Qt On : 01/09/09 10:44
Acq On : 01/ 9/09 09:56 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.862	152	54095	40.00	ng	0.00
23) Naphthalene-d8	6.872	136	204046	40.00	ng	0.00
41) Acenaphthene-d10	8.301	164	122288	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	214587	40.00	ng	0.00
81) Chrysene-d12	12.804	240	234522	40.00	ng	0.00
96) Perylene-d12	14.419	264	240632	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	260046	172.75	ng	0.00
Spiked Amount 100.000			Recovery = 172.75%			
9) Phenol-d5	5.546	99	353251	155.05	ng	0.00
Spiked Amount 100.000			Recovery = 155.05%			
24) Nitrobenzene-d5	6.316	128	72663	86.50	ng	0.00
Spiked Amount 50.000			Recovery = 173.00%			
46) 2-Fluorobiphenyl	7.712	172	359529	89.84	ng	0.00
Spiked Amount 50.000			Recovery = 179.68%			
70) 2,4,6-Tribromophenol	9.039	330	150441	207.76	ng	0.00
Spiked Amount 100.000			Recovery = 207.76%			
84) Terphenyl-d14	11.558	244	547180	86.57	ng	0.00
Spiked Amount 50.000			Recovery = 173.14%			
Target Compounds						Qvalue
2) Pyridine	3.128	79	270177	217.53	ng	70
3) N-Nitrosodimethylamine	3.075	74	149380	203.74	ng	79
5) Benzaldehyde	5.487	77	68468	48.32	ng	78
6) Aniline	5.583	93	385639	151.67	ng	83
7) Pentachloroethane	5.626	117	90832	162.08	ng	68
8) bis(2-Chloroethyl)ether	5.642	93	253949	152.58	ng	76
10) Phenol	5.557	94	385800	155.24	ng	94
11) 2-Chlorophenol	5.685	128	307601	163.40	ng	77
12) N-Decane	5.728	57	246686	123.27	ng	74
13) 1,3-Dichlorobenzene	5.813	146	337875	164.68	ng	97
14) 1,4-Dichlorobenzene	5.878	146	351469	163.25	ng	98
15) 1,2-Dichlorobenzene	6.001	146	327099	163.92	ng	98
16) Benzyl alcohol	5.979	108	194215	157.78	ng	78
17) bis(2-chloroisopropyl)...	6.086	45	274984	96.72	ng	62
18) 2-Methylphenol	6.065	108	275416	154.79	ng	97
19) Acetophenone	6.193	105	438147	148.15	ng	79
20) Hexachloroethane	6.279	117	122680	152.36	ng	55
21) N-Nitroso-di-n-propyla...	6.193	70	226635	152.00	ng	78
22) 3&4-Methylphenol	6.193	108	310712	164.36	ng	99
25) Nitrobenzene	6.332	77	314131	153.24	ng	78
26) Isophorone	6.519	82	557654	151.09	ng	82
27) 2-Nitrophenol	6.578	139	174191	170.42	ng	86
28) 2,4-Dimethylphenol	6.600	107	311832	158.15	ng	97
29) Benzoic Acid	6.696	105	247479m	218.67	ng	
30) bis(2-Chloroethoxy)met...	6.680	93	322461	156.22	ng	95
31) 2,4-Dichlorophenol	6.760	162	274931	165.51	ng	86
32) 1,2,4-Trichlorobenzene	6.824	180	314841	174.49	ng	97
33) Naphthalene	6.888	128	927248	167.62	ng	99
34) 4-Chloroaniline	6.921	127	252449	129.29	ng	99
35) Hexachlorobutadiene	6.974	225	189838	172.48	ng	98
36) Caprolactam	7.225	113	92896	146.77	ng	57
37) 4-Chloro-3-methylphenol	7.284	107	282965	161.40	ng	83
38) 2-Methylnaphthalene	7.423	142	654375	168.24	ng	99
39) Methylnaphthalenes (To...	7.423	142	654375	168.24	ng	99
40) 1,1'-Biphenyl	7.798	154	809058	163.99	ng	93
42) 1,2,4,5-Tetrachloroben...	7.552	216	355641	175.67	ng	97
43) Hexachlorocyclopentadiene	7.541	237	235877	329.42	ng	98
44) 2,4,6-Trichlorophenol	7.643	196	219044	180.96	ng	96
45) 2,4,5-Trichlorophenol	7.675	196	228092	173.08	ng	99
47) 2-Chloronaphthalene	7.819	162	604704	166.63	ng	93
48) 1,4-Dimethylnaphthalene	8.103	156	514972	171.31	ng	84
49) Dimethylnaphthalenes (...	8.103	156	514972	171.31	ng	84
50) Diphenyl Ether	7.883	170	451937	161.22	ng	72
51) 2-Nitroaniline	7.899	65	215986	142.42	ng	53
52) Acenaphthylene	8.178	152	999784	168.59	ng	99
53) Dimethylphthalate	8.044	163	698669	164.13	ng	98
54) 2,6-Dinitrotoluene	8.097	165	174716	175.78	ng	66
55) Acenaphthene	8.333	153	638604	172.46	ng	98
56) 3-Nitroaniline	8.247	138	134065	142.57	ng	78
57) 2,4-Dinitrophenol	8.338	184	123082	248.27	ng	83
58) Dibenzofuran	8.482	168	893863	165.95	ng	84
59) 2,4-Dinitrotoluene	8.461	165	230401	168.51	ng	57

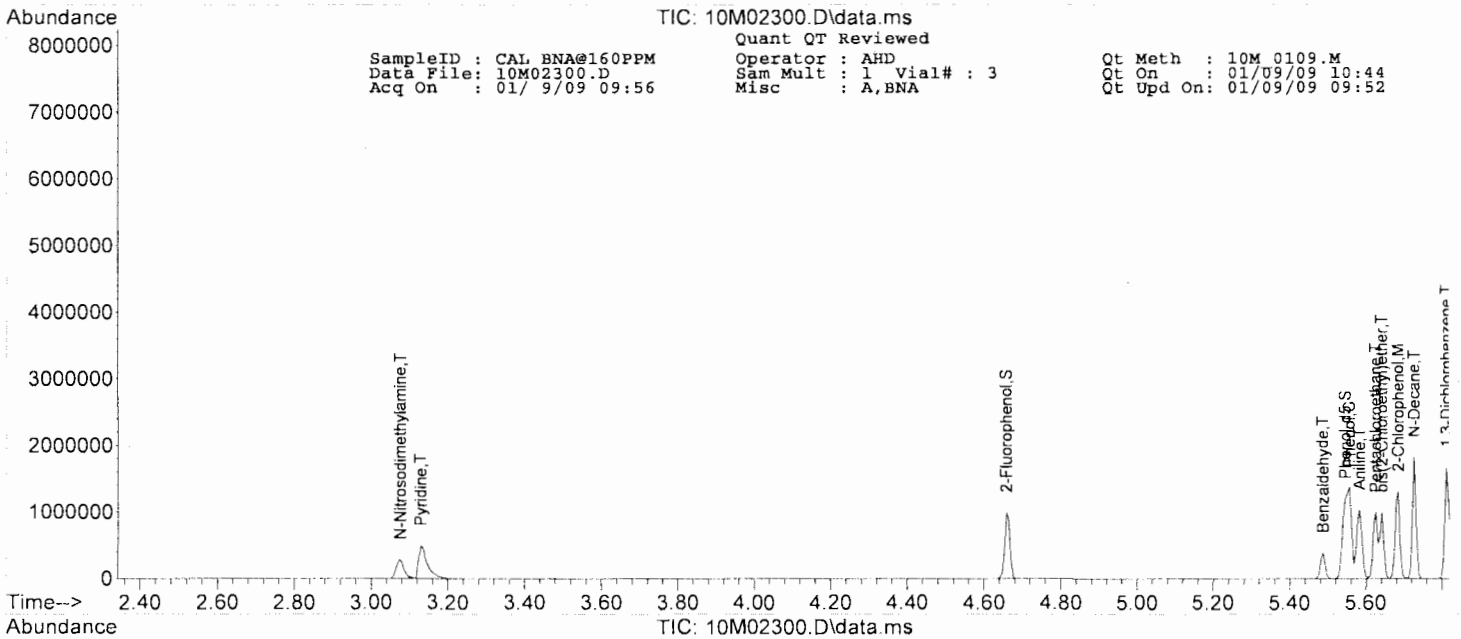
Quantitation Report (QT Reviewed)

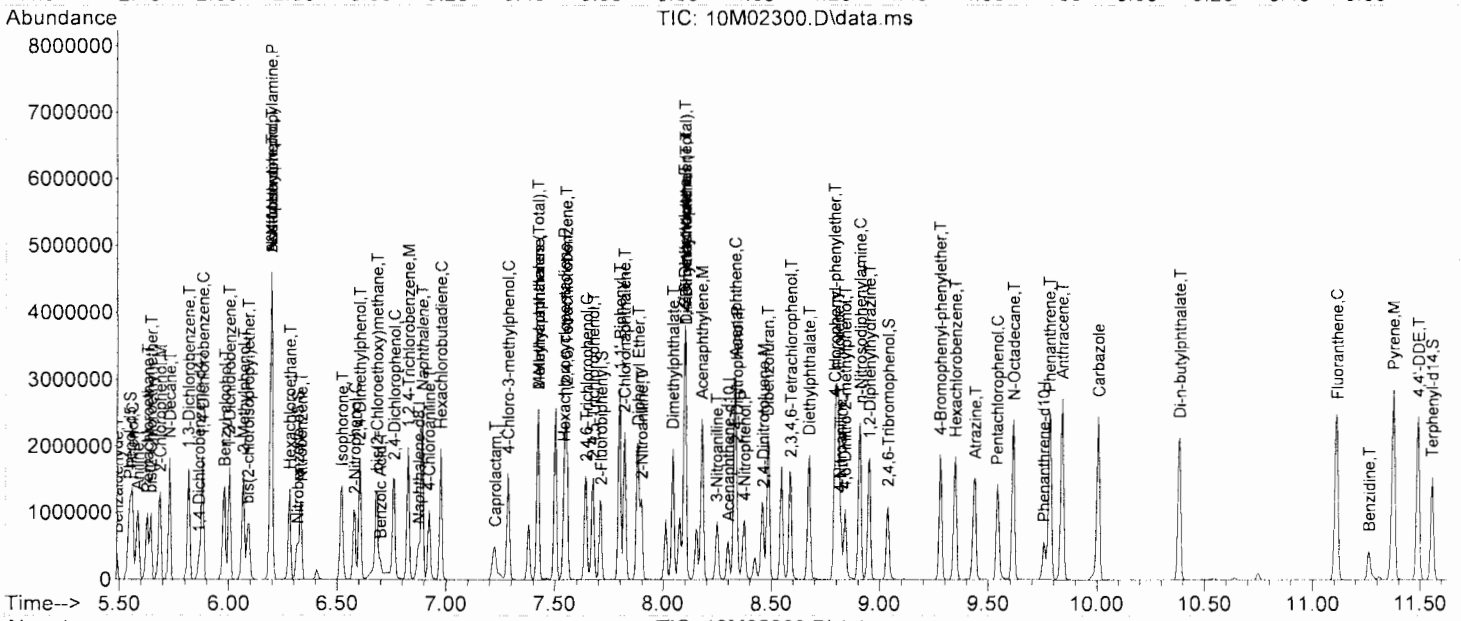
SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02300.D Sam Mult : 1 Vial# : 3 Qt On : 01/09/09 10:44
Acq On : 01/ 9/09 09:56 Misc : A,BNA Qt Upd On: 01/09/09 09:52

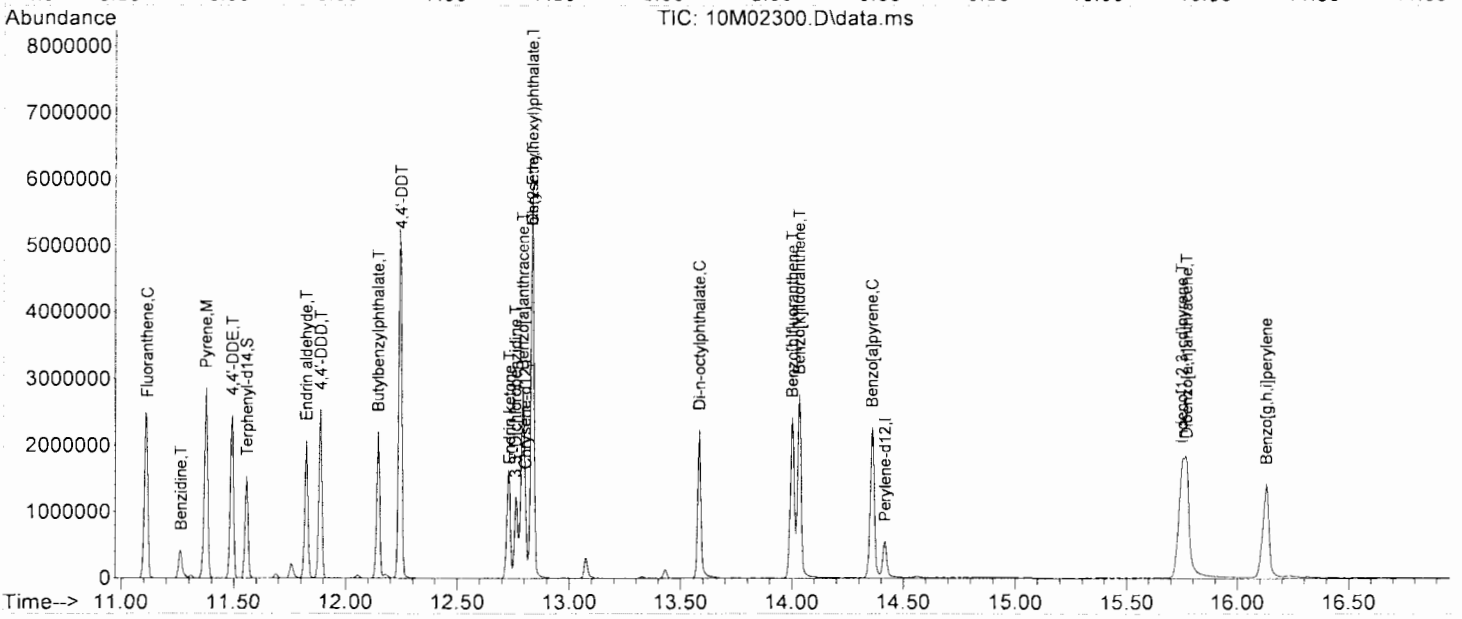
Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.375	65	136262	158.15	ng	81
61)	2,3,4,6-Tetrachlorophenol	8.589	232	224911	203.56	ng	80
62)	Fluorene	8.809	166	761761	163.86	ng	100
63)	4-Chlorophenyl-phenyle...	8.793	204	386022	171.78	ng	82
64)	Diethylphthalate	8.675	149	679495	154.77	ng	94
65)	4-Nitroaniline	8.819	138	180193	168.04	ng	84
66)	Atrazine	9.440	200	218915	156.45	ng	90
68)	4,6-Dinitro-2-methylph...	8.841	198	157377	196.31	ng	100
69)	n-Nitrosodiphenylamine	8.910	169	650757	162.36	ng	98
71)	1,2-Diphenylhydrazine	8.953	77	667387	142.78	ng	74
72)	4-Bromophenyl-phenylether	9.279	248	257981	187.50	ng	78
73)	Hexachlorobenzene	9.349	284	294860	196.32	ng	52
74)	N-Octadecane	9.616	57	341215	112.21	ng	67
75)	Pentachlorophenol	9.541	266	198250	270.42	ng	96
76)	Phenanthrene	9.782	178	1107129	159.70	ng	97
77)	Anthracene	9.841	178	1132879	156.18	ng	98
78)	Carbazole	10.007	167	1044619	160.85	ng	97
79)	Di-n-butylphthalate	10.386	149	1173903	148.19	ng	97
80)	Fluoranthene	11.114	202	1237854	166.37	ng	81
82)	Pyrene	11.376	202	1342481	149.14	ng	81
83)	Benzidine	11.264	184	191848	80.54	ng	79
85)	4,4'-DDE	11.494	246	310107	159.28	ng	87
86)	Endrin	11.825	81	62122	119.76	ng	13
87)	4,4'-DDD	11.889	235	532062	163.27	ng	93
88)	Butylbenzylphthalate	12.146	149	522450	131.46	ng	68
89)	Endrin aldehyde	11.825	67	30945	116.57	ng	77
90)	4,4'-DDT	12.248	235	595854	184.00	ng	93
91)	Endrin ketone	12.735	317	73431	192.30	ng	99
92)	3,3'-Dichlorobenzidine	12.761	252	324356	125.90	ng	94
93)	Benzo[a]anthracene	12.793	228	1323841	154.28	ng	97
94)	Chrysene	12.836	228	1335611	172.34	ng	96
95)	bis(2-Ethylhexyl)phtha...	12.836	149	759621	139.58	ng	89
97)	Di-n-octylphthalate	13.585	149	1170242	115.03	ng	99
98)	Benzo[b]fluoranthene	14.002	252	1302006	161.24	ng	90
99)	Benzo[k]fluoranthene	14.034	252	1328094	159.06	ng	90
100)	Benzo[a]pyrene	14.361	252	1249262	163.14	ng	88
101)	Indeno[1,2,3-cd]pyrene	15.751	276	1413200	195.54	ng	76
102)	Dibenzo[a,h]anthracene	15.773	278	1200028	195.70	ng	80
103)	Benzo[g,h,i]perylene	16.131	276	1181254	202.14	ng	73

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


Abundance
TIC: 10M02300.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@160PPM
Data File: 10M02300.D
Acq On : 01/ 9/09 09:56
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 10:44
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02300.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Hexachlorobutadiene,C
Isophorone,T
2,4-Dichlorophenol,C
Benzoic Acid,C
Naphthalene,M
4-Chloroaniline,T
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,T
Acenaphthene,C
4-Nitrophenol,T
2,4-Dinitrotoluene,M
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02300.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02299.D Sam Mult : 1 Vial# : 2 Qt On : 01/09/09 09:52
Acq On : 01/ 9/09 09:33 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.861	152	55051	40.00	ng	0.00
23) Naphthalene-d8	6.872	136	204974	40.00	ng	0.00
41) Acenaphthene-d10	8.300	164	123159	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	215058	40.00	ng	0.00
81) Chrysene-d12	12.809	240	237324	40.00	ng	0.00
96) Perylene-d12	14.419	264	239829	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	327719	213.92	ng	0.00
Spiked Amount 100.000			Recovery = 213.92%			
9) Phenol-d5	5.546	99	443498	191.29	ng	0.00
Spiked Amount 100.000			Recovery = 191.29%			
24) Nitrobenzene-d5	6.316	128	89802	106.42	ng	0.00
Spiked Amount 50.000			Recovery = 212.84%			
46) 2-Fluorobiphenyl	7.712	172	451711	112.08	ng	0.00
Spiked Amount 50.000			Recovery = 224.16%			
70) 2,4,6-Tribromophenol	9.039	330	191084	263.30	ng	0.00
Spiked Amount 100.000			Recovery = 263.30%			
84) Terphenyl-d14	11.558	244	679320	106.21	ng	0.00
Spiked Amount 50.000			Recovery = 212.42%			
Target Compounds						Qvalue
2) Pyridine	3.128	79	341650	270.30	ng	67
3) N-Nitrosodimethylamine	3.075	74	185906	249.15	ng	80
5) Benzaldehyde	5.487	77	65569	45.47	ng	76
6) Aniline	5.583	93	480144	185.56	ng	78
7) Pentachloroethane	5.626	117	114204	200.25	ng	68
8) bis(2-Chloroethyl)ether	5.642	93	321402	189.76	ng	78
10) Phenol	5.562	94	484503	191.56	ng	92
11) 2-Chlorophenol	5.685	128	388224	202.65	ng	77
12) N-Decane	5.728	57	312388	153.39	ng	75
13) 1,3-Dichlorobenzene	5.813	146	425721	203.89	ng	98
14) 1,4-Dichlorobenzene	5.878	146	444434	202.85	ng	97
15) 1,2-Dichlorobenzene	6.001	146	412713	203.24	ng	97
16) Benzyl alcohol	5.979	108	248502	198.38	ng	82
17) bis(2-chloroisopropyl)...	6.091	45	344003	118.90	ng	61
18) 2-Methylphenol	6.065	108	344566	190.29	ng	97
19) Acetophenone	6.193	105	551987	183.40	ng	86
20) Hexachloroethane	6.279	117	157403	192.09	ng	60
21) N-Nitroso-di-n-propyla...	6.198	70	286461	188.79	ng	73
22) 3&4-Methylphenol	6.193	108	399369	207.59	ng	100
25) Nitrobenzene	6.332	77	391613	190.17	ng	82
26) Isophorone	6.519	82	698030	188.26	ng	83
27) 2-Nitrophenol	6.578	139	219327	213.61	ng	88
28) 2,4-Dimethylphenol	6.605	107	391710	197.77	ng	94
29) Benzoic Acid	6.707	105	308075m	270.98	ng	
30) bis(2-Chloroethoxy)met...	6.680	93	407561	196.55	ng	96
31) 2,4-Dichlorophenol	6.760	162	347105	208.02	ng	87
32) 1,2,4-Trichlorobenzene	6.824	180	399535	220.42	ng	97
33) Naphthalene	6.888	128	1169183	210.40	ng	98
34) 4-Chloroaniline	6.921	127	248809	126.85	ng	98
35) Hexachlorobutadiene	6.974	225	243725	220.44	ng	98
36) Caprolactam	7.231	113	115092	181.02	ng	60
37) 4-Chloro-3-methylphenol	7.290	107	351774	199.74	ng	80
38) 2-Methylnaphthalene	7.423	142	824761	211.08	ng	99
39) Methylnaphthalenes (To...	7.423	142	824761	211.08	ng	99
40) 1,1'-Biphenyl	7.798	154	1030348	207.89	ng	92
42) 1,2,4,5-Tetrachloroben...	7.557	216	452231	221.80	ng	97
43) Hexachlorocyclopentadiene	7.546	237	297120	412.01	ng	97
44) 2,4,6-Trichlorophenol	7.643	196	275186	225.73	ng	99
45) 2,4,5-Trichlorophenol	7.675	196	292249	220.19	ng	99
47) 2-Chloronaphthalene	7.824	162	767451	209.98	ng	90
48) 1,4-Dimethylnaphthalene	8.103	156	654800	216.29	ng	84
49) Dimethylnaphthalenes (...	8.103	156	654800	216.29	ng	84
50) Diphenyl Ether	7.883	170	570174	201.96	ng	72
51) 2-Nitroaniline	7.899	65	270308	176.98	ng	58
52) Acenaphthylene	8.183	152	1257936	210.62	ng	99
53) Dimethylphthalate	8.049	163	871882	203.37	ng	97
54) 2,6-Dinitrotoluene	8.103	165	220847	220.62	ng	61
55) Acenaphthene	8.333	153	802961	215.32	ng	97
56) 3-Nitroaniline	8.252	138	160058	169.01	ng	77
57) 2,4-Dinitrophenol	8.343	184	159581	319.62	ng	82
58) Dibenzofuran	8.488	168	1123139	207.04	ng	81
59) 2,4-Dinitrotoluene	8.461	165	285218	207.13	ng	61

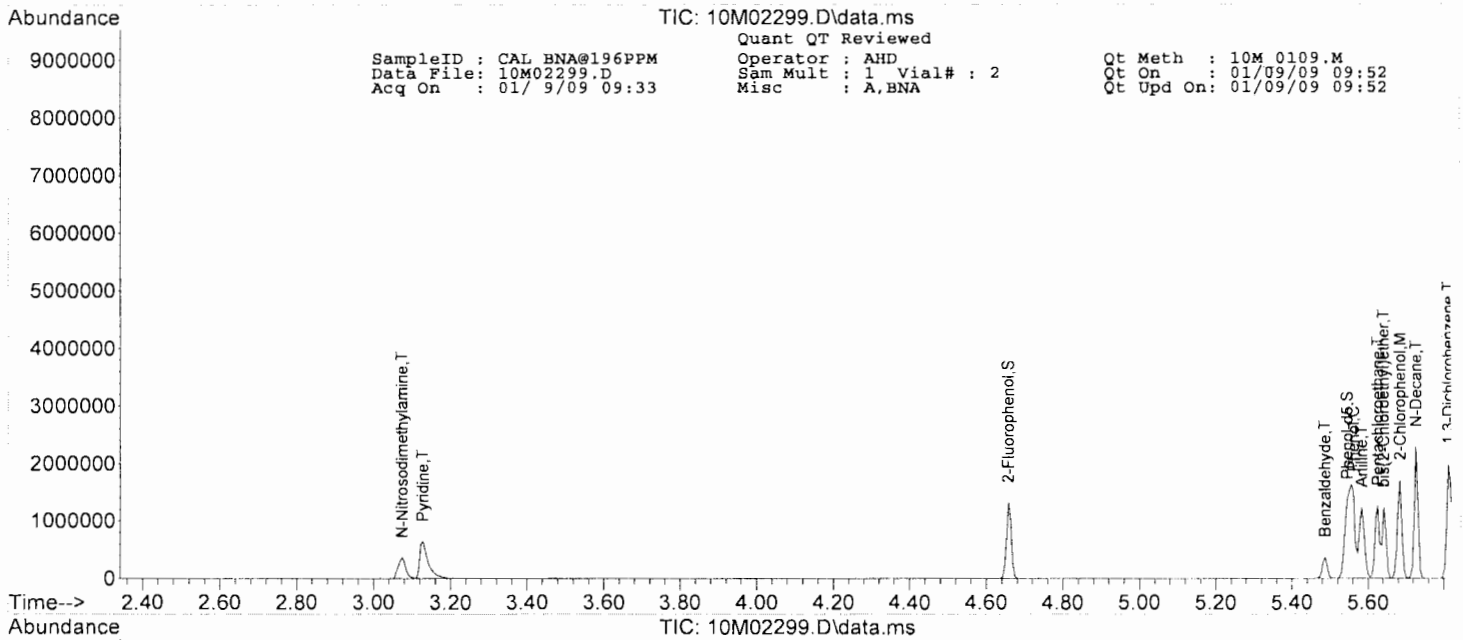
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02299.D Sam Mult : 1 Vial# : 2 Qt On : 01/09/09 09:52
Acq On : 01/ 9/09 09:33 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.375	65	169117	194.89	ng	87
61)	2,3,4,6-Tetrachlorophenol	8.589	232	285478	256.55	ng	80
62)	Fluorene	8.809	166	968640	206.88	ng	98
63)	4-Chlorophenyl-phenyle...	8.793	204	494744	218.61	ng	82
64)	Diethylphthalate	8.675	149	855410	193.46	ng	95
65)	4-Nitroaniline	8.825	138	229237	212.26	ng	83
66)	Atrazine	9.440	200	272509	193.37	ng	93
68)	4,6-Dinitro-2-methylph...	8.846	198	200652	249.75	ng	100
69)	n-Nitrosodiphenylamine	8.910	169	825195	205.43	ng	98
71)	1,2-Diphenylhydrazine	8.953	77	829086	176.98	ng	76
72)	4-Bromophenyl-phenylether	9.285	248	325589	236.12	ng	74
73)	Hexachlorobenzene	9.349	284	372150	247.24	ng	54
74)	N-Octadecane	9.616	57	433487	142.24	ng	69
75)	Pentachlorophenol	9.547	266	248912	338.79	ng	96
76)	Phenanthrene	9.787	178	1379027	198.49	ng	97
77)	Anthracene	9.841	178	1429127	196.60	ng	98
78)	Carbazole	10.007	167	1304063	200.35	ng	96
79)	Di-n-butylphthalate	10.386	149	1478486	186.23	ng	97
80)	Fluoranthene	11.114	202	1559878	209.19	ng	82
82)	Pyrene	11.381	202	1671541	183.51	ng	77
83)	Benzidine	11.264	184	200113	83.02	ng	77
85)	4,4'-DDE	11.494	246	393976	199.97	ng	87
86)	Endrin	11.825	81	77005	146.70	ng	10
87)	4,4'-DDD	11.889	235	653668	198.21	ng	92
88)	Butylbenzylphthalate	12.151	149	649232	161.43	ng	64
89)	Endrin aldehyde	11.825	67	37008	137.76	ng	78
90)	4,4'-DDT	12.248	235	745664	227.54	ng	93
91)	Endrin ketone	12.734	317	90839	235.08	ng	99
92)	3,3'-Dichlorobenzidine	12.767	252	357591	137.16	ng	94
93)	Benzo[a]anthracene	12.799	228	1632665	188.03	ng	98
94)	Chrysene	12.841	228	1656127	211.18	ng	96
95)	bis(2-Ethylhexyl)phtha...	12.836	149	965627	175.34	ng	90
97)	Di-n-octylphthalate	13.585	149	1471197	145.09	ng	99
98)	Benzo[b]fluoranthene	14.007	252	1669982	207.50	ng	89
99)	Benzo[k]fluoranthene	14.040	252	1576394	189.43	ng	89
100)	Benzo[a]pyrene	14.366	252	1545094	202.45	ng	87
101)	Indeno[1,2,3-cd]pyrene	15.756	276	1757654	244.01	ng	78
102)	Dibenzo[a,h]anthracene	15.778	278	1474138	241.21	ng	80
103)	Benzo[g,h,i]perylene	16.142	276	1453573	249.58	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed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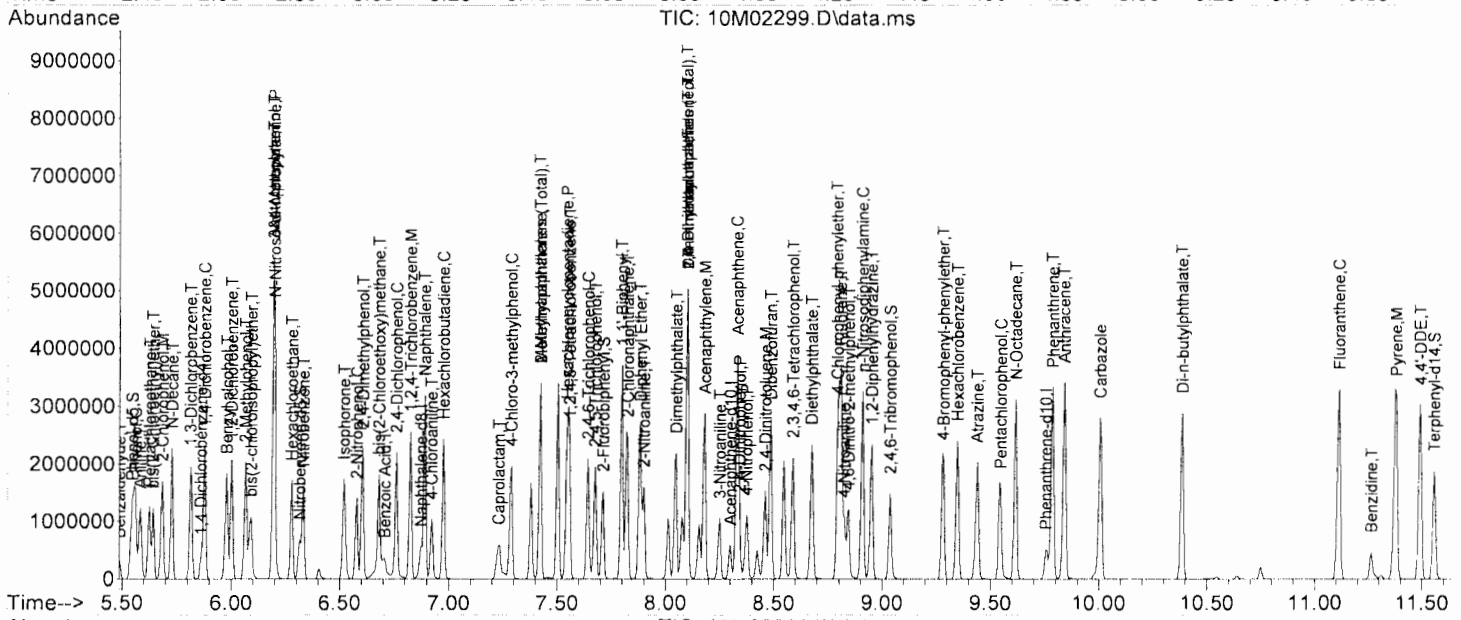
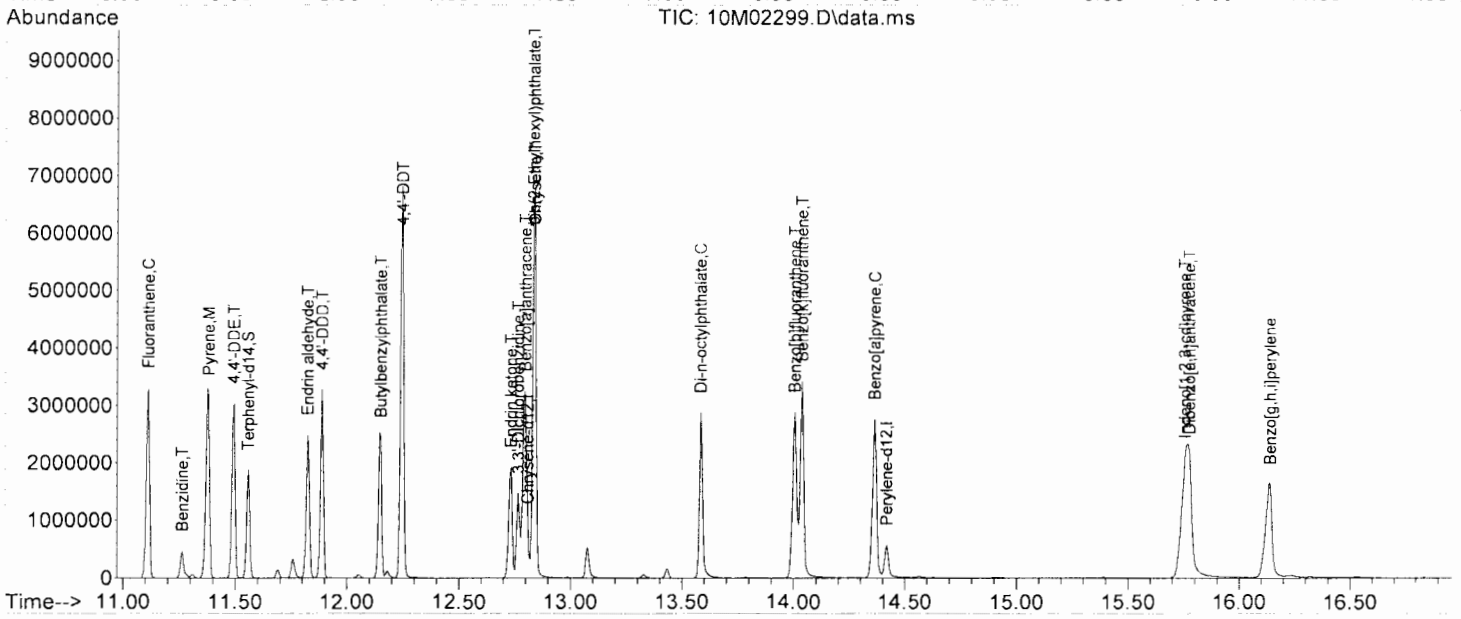
TIC: 10M02299.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@196PPM
Data File: 10M02299.D
Acq On : 01/ 9/09 09:33
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 09:52
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02299.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Hexachlorobutadiene,C
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene,C
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
2,4-Dinitrotoluene,M
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02299.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M02393.D **Instrument:** GCMS 10

Cont Calibration Date/Time 1/15/2009 8:37:00 A **Method:** EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.4-Dichlorobenzene-d4	1	0	I	5.83	40.00	40				0.000	0.00	
Pyridine	1	0		3.10	47.56	50			1.209	1.150	4.88	
N-Nitrosodimethylamine	1	0		3.03	48.68	50			0.646	0.629	2.64	
2-Fluorophenol	1	0	S	4.63	50.22	50			1.148	1.153	0.44	
Benzaldehyde	1	0		5.46	42.35	50			0.779	0.667	15.30	
Aniline	1	0		5.55	49.99	50			1.680	1.810	0.02	
Pentachloroethane	1	0		5.60	47.81	50			0.408	0.390	4.38	
bis(2-Chloroethyl)ether	1	0		5.62	46.93	50			1.203	1.129	6.14	
Phenol-d5	1	0	S	5.51	50.07	50			1.581	1.583	0.14	
Phenol	1	0	CC	5.53	48.62	50	20		1.669	1.623	2.76	
2-Chlorophenol	1	0		5.65	48.51	50			1.399	1.357	2.98	
N-Decane	1	0		5.70	45.75	50			1.140	1.043	8.50	
1.3-Dichlorobenzene	1	0		5.79	47.73	50			1.566	1.495	4.54	
1.4-Dichlorobenzene	1	0	CC	5.85	46.26	50	20		1.667	1.543	7.48	
1.2-Dichlorobenzene	1	0		5.97	47.65	50			1.506	1.436	4.70	
Benzyl alcohol	1	0		5.95	51.32	50			0.879	0.902	2.64	
bis(2-chloroisopropyl)ether	1	0		6.06	49.21	50			1.290	1.269	1.58	
2-Methylphenol	1	0		6.04	48.03	50			1.256	1.206	3.94	
Acetophenone	1	0		6.17	47.78	50			2.008	1.918	4.44	
Hexachloroethane	1	0		6.25	45.94	50			0.581	0.534	8.12	
N-Nitroso-di-n-propylamine	1	0	CP	6.17	48.99	50	0.05		1.038	1.017	2.02	
3&4-Methylphenol	1	0		6.16	48.30	50			1.401	1.353	3.40	
Naphthalene-d8	1	0	I	6.85	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.28	24.35	25			0.172	0.168	2.60	
Nitrobenzene	1	0		6.30	47.56	50			0.385	0.366	4.88	
Isophorone	1	0		6.49	49.18	50			0.673	0.662	1.64	
2-Nitrophenol	1	0	CC	6.55	46.57	50	20		0.200	0.202	6.86	
2.4-Dimethylphenol	1	0		6.57	47.56	50			0.381	0.362	4.88	
Benzoic Acid	1	0		6.64	41.42	50			0.256	0.188	17.16	
bis(2-Chloroethoxy)methane	1	0		6.65	47.89	50			0.394	0.377	4.22	
2.4-Dichlorophenol	1	0	CC	6.73	48.93	50	20		0.323	0.316	2.14	
1.2.4-Trichlorobenzene	1	0		6.80	47.38	50			0.388	0.367	5.24	
Naphthalene	1	0		6.86	46.85	50			1.151	1.079	6.30	
4-Chloroaniline	1	0		6.89	58.94	50			0.355	0.418	17.88	
Hexachlorobutadiene	1	0	CC	6.95	46.01	50	20		0.235	0.216	7.98	
Caprolactam	1	0		7.17	51.54	50			0.105	0.117	3.08	
4-Chloro-3-methylphenol	1	0	CC	7.26	48.18	50	20		0.335	0.323	3.64	
2-Methylnaphthalene	1	0		7.40	47.96	50			0.796	0.764	4.08	
Methylnaphthalenes	1	0		7.40	47.96	50	20			0.764	4.08	
1.1'-Biphenyl	1	0		7.77	47.12	50			1.002	0.944	5.76	
Acenaphthene-d10	1	0	I	8.27	40.00	40				0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		7.53	46.29	50			0.734	0.680	7.42	
Hexachlorocyclopentadiene	1	0	CP	7.51	45.51	50	0.05		0.432	0.412	8.98	
2.4.6-Trichlorophenol	1	0	CC	7.61	49.86	50	20		0.422	0.421	0.28	
2.4.5-Trichlorophenol	1	0		7.64	49.89	50			0.458	0.457	0.22	
2-Fluorobiphenyl	1	0	S	7.68	23.66	25			1.475	1.396	5.36	
2-Chloronaphthalene	1	0		7.79	46.21	50			1.267	1.171	7.58	
1.4-Dimethylnaphthalene	1	0		8.07	47.08	50			1.034	0.974	5.84	
Dimethylnaphthalenes	1	0		8.07	47.08	50	20			0.974	5.84	
Diphenyl Ether	1	0		7.85	47.33	50			0.928	0.878	5.34	
2-Nitroaniline	1	0		7.87	49.72	50			0.431	0.429	0.56	
Acenaphthylene	1	0		8.15	47.99	50			2.020	1.939	4.02	
Dimethylphthalate	1	0		8.01	47.56	50			1.438	1.368	4.88	
2.6-Dinitrotoluene	1	0		8.07	49.35	50			0.343	0.338	1.30	
Acenaphthene	1	0	CC	8.30	47.29	50	20		1.315	1.244	5.42	
3-Nitroaniline	1	0		8.22	57.74	50			0.283	0.327	15.48	
2.4-Dinitrophenol	1	0	CP	8.31	48.67	50	0.05		0.211	0.221	2.66	
Dibenzofuran	1	0		8.45	48.95	50			1.839	1.800	2.10	
2.4-Dinitrotoluene	1	0		8.42	52.68	50			0.437	0.461	5.36	
4-Nitrophenol	1	0	CP	8.34	49.54	50	0.05		0.258	0.274	0.92	
2.3.4.6-Tetrachlorophenol	1	0		8.56	49.48	50			0.443	0.439	1.04	
Fluorene	1	0		8.77	48.27	50			1.548	1.495	3.46	
4-Chlorophenyl-phenylether	1	0		8.76	47.29	50			0.802	0.759	5.42	
Diethylphthalate	1	0		8.64	49.91	50			1.392	1.390	0.18	
4-Nitroaniline	1	0		8.78	56.13	50			0.349	0.392	12.26	
Atrazine	1	0		9.40	50.05	50			0.435	0.435	0.10	
Phenanthrene-d10	1	0	I	9.72	40.00	40				0.000	0.00	
4.6-Dinitro-2-methylphenol	1	0		8.80	56.41	50			0.166	0.175	12.82	
n-Nitrosodiphenylamine	1	0	CC	8.87	48.28	50	20		0.755	0.729	3.44	
2.4.6-Tribromophenol	1	0	S	9.00	50.90	50			0.168	0.171	1.80	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M02393.D **Instrument:** GCMS 10

Cont Calibration Date/Time 1/15/2009 8:37:00 A **Method:** EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.92	49.26	50			0.767	0.755	1.48	
4-Bromophenyl-phenylether	1	0		9.25	48.16	50			0.304	0.293	3.68	
Hexachlorobenzene	1	0		9.31	46.77	50			0.347	0.325	6.46	
N-Octadecane	1	0		9.58	50.60	50			0.378	0.382	1.20	
Pentachlorophenol	1	0	CC	9.51	48.51	50	20		0.214	0.210	2.98	
Phenanthrene	1	0		9.75	47.78	50			1.300	1.242	4.44	
Anthracene	1	0		9.80	48.86	50			1.302	1.272	2.28	
Carbazole	1	0		9.97	49.05	50			1.201	1.178	1.90	
Di-n-butylphthalate	1	0		10.35	52.62	50			1.278	1.345	5.24	
Fluoranthene	1	0	CC	11.07	50.63	50	20		1.392	1.410	1.26	
Chrysene-d12	1	0	I	12.76	40.00	40				0.000	0.00	
Pyrene	1	0		11.34	47.84	50			1.407	1.347	4.32	
Benzidine	1	0		11.23	56.52	50			0.255	0.375	13.04	
Terphenyl-d14	1	0	S	11.52	23.75	25			1.153	1.096	5.00	
4,4'-DDE	1	0		11.46	47.60				0.330			
Endrin	1	0		11.79	54.20	50			0.062	0.067	8.40	
4,4'-DDD	1	0		11.85	48.92				0.537			
Butylbenzylphthalate	1	0		12.10	48.56	50			0.509	0.532	2.88	
Endrin aldehyde	1	0		11.78	44.37				0.034			
4,4'-DDT	1	0		12.21	50.60				0.579			
Endrin ketone	1	0		12.69	49.64				0.074			
3,3'-Dichlorobenzidine	1	0		12.72	52.12	50			0.331	0.429	4.24	
Benzo[a]anthracene	1	0		12.75	48.72	50			1.398	1.363	2.56	
Chrysene	1	0		12.79	47.07	50			1.412	1.329	5.86	
bis(2-Ethylhexyl)phthalate	1	0		12.79	51.17	50			0.738	0.755	2.34	
Perylene-d12	1	0	I	14.37	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.54	49.12	50	20		1.047	1.135	1.76	
Benzo[b]fluoranthene	1	0		13.96	52.27	50			1.285	1.343	4.54	
Benzo[k]fluoranthene	1	0		13.99	46.04	50			1.356	1.248	7.92	
Benzo[a]pyrene	1	0	CC	14.31	51.39	50	20		1.220	1.254	2.78	
Indeno[1,2,3-cd]pyrene	1	0		15.68	52.36	50			1.346	1.409	4.72	
Dibenzo[a,h]anthracene	1	0		15.70	52.96	50			1.125	1.191	5.92	
Benzo[g,h,i]perylene	1	0		16.05	49.92	50			1.159	1.157	0.16	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.796	0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			1.034	0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02393.D Sam Mult : 1 Vial# : 2 Qt On : 01/15/09 08:53
Acq On : 01/15/09 08:37 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.835	152	66539	40.00	ng	-0.03
23) Naphthalene-d8	6.846	136	256919	40.00	ng	-0.02
41) Acenaphthene-d10	8.269	164	158209	40.00	ng	-0.03
67) Phenanthrene-d10	9.723	188	278213	40.00	ng	-0.03
81) Chrysene-d12	12.761	240	313785	40.00	ng	-0.03
96) Perylene-d12	14.371	264	336472	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	4.631	112	95877	50.22	ng	-0.03
Spiked Amount 100.000			Recovery = 50.22%			
9) Phenol-d5	5.514	99	131684	50.07	ng	-0.02
Spiked Amount 100.000			Recovery = 50.07%			
24) Nitrobenzene-d5	6.284	128	26929	24.35	ng	-0.02
Spiked Amount 50.000			Recovery = 48.70%			
46) 2-Fluorobiphenyl	7.680	172	138033	23.66	ng	-0.03
Spiked Amount 50.000			Recovery = 47.32%			
70) 2,4,6-Tribromophenol	9.001	330	59631	50.90	ng	-0.03
Spiked Amount 100.000			Recovery = 50.90%			
84) Terphenyl-d14	11.521	244	214856	23.75	ng	-0.03
Spiked Amount 50.000			Recovery = 47.50%			
Target Compounds						Qvalue
2) Pyridine	3.102	79	95653	47.56	ng	66
3) N-Nitrosodimethylamine	3.032	74	52351	48.68	ng	86
5) Benzaldehyde	5.460	77	55466	42.35	ng	77
6) Aniline	5.551	93	150581	49.99	ng	83
7) Pentachloroethane	5.600	117	32457	47.81	ng	67
8) bis(2-Chloroethyl)ether	5.616	93	93941	46.93	ng	76
10) Phenol	5.530	94	134978	48.62	ng	90
11) 2-Chlorophenol	5.653	128	112870	48.51	ng	81
12) N-Decane	5.701	57	86731	45.75	ng	73
13) 1,3-Dichlorobenzene	5.787	146	124317	47.73	ng	99
14) 1,4-Dichlorobenzene	5.851	146	128317	46.26	ng	97
15) 1,2-Dichlorobenzene	5.974	146	119405	47.65	ng	98
16) Benzyl alcohol	5.947	108	75052	51.32	ng	84
17) bis(2-chloroisopropyl)...	6.060	45	105575	49.21	ng	68
18) 2-Methylphenol	6.038	108	100331	48.03	ng	99
19) Acetophenone	6.167	105	159566	47.78	ng	73
20) Hexachloroethane	6.252	117	44403	45.94	ng	58
21) N-Nitroso-di-n-propyla...	6.167	70	84611	48.99	ng	72
22) 3&4-Methylphenol	6.161	108	112556	48.30	ng	100
25) Nitrobenzene	6.300	77	117630	47.56	ng	83
26) Isophorone	6.487	82	212714	49.18	ng	83
27) 2-Nitrophenol	6.552	139	64751	46.57	ng	87
28) 2,4-Dimethylphenol	6.573	107	116349	47.56	ng	96
29) Benzoic Acid	6.643	105	60484m	41.42	ng	
30) bis(2-Chloroethoxy)met...	6.648	93	121137	47.89	ng	98
31) 2,4-Dichlorophenol	6.733	162	101606	48.93	ng	83
32) 1,2,4-Trichlorobenzene	6.798	180	117950	47.38	ng	96
33) Naphthalene	6.862	128	346384	46.85	ng	99
34) 4-Chloroaniline	6.894	127	134285	58.94	ng	99
35) Hexachlorobutadiene	6.947	225	69300	46.01	ng	98
36) Caprolactam	7.172	113	37518	51.54	ng	64
37) 4-Chloro-3-methylphenol	7.258	107	103729	48.18	ng	81
38) 2-Methylnaphthalene	7.397	142	245338	47.96	ng	99
39) Methylnaphthalenes (To...	7.397	142	245338	47.96	ng	99
40) 1,1'-Biphenyl	7.766	154	303321	47.12	ng	91
42) 1,2,4,5-Tetrachloroben...	7.525	216	134388	46.29	ng	98
43) Hexachlorocyclopentadiene	7.514	237	81468	45.51	ng	98
44) 2,4,6-Trichlorophenol	7.611	196	83174	49.86	ng	99
45) 2,4,5-Trichlorophenol	7.643	196	90332	49.89	ng	99
47) 2-Chloronaphthalene	7.793	162	231543	46.21	ng	89
48) 1,4-Dimethylnaphthalene	8.071	156	192528	47.08	ng	87
49) Dimethylnaphthalenes (...	8.071	156	192528	47.08	ng	87
50) Diphenyl Ether	7.851	170	173709	47.33	ng	73
51) 2-Nitroaniline	7.867	65	84811	49.72	ng	54
52) Acenaphthylene	8.146	152	383362	47.99	ng	99
53) Dimethylphthalate	8.012	163	270476	47.56	ng	98
54) 2,6-Dinitrotoluene	8.065	165	66885	49.35	ng	66
55) Acenaphthene	8.301	153	246027	47.29	ng	99
56) 3-Nitroaniline	8.215	138	64589	57.74	ng	79
57) 2,4-Dinitrophenol	8.306	184	43673	48.67	ng	78
58) Dibenzofuran	8.450	168	355964	48.95	ng	82
59) 2,4-Dinitrotoluene	8.424	165	91131	52.68	ng	61

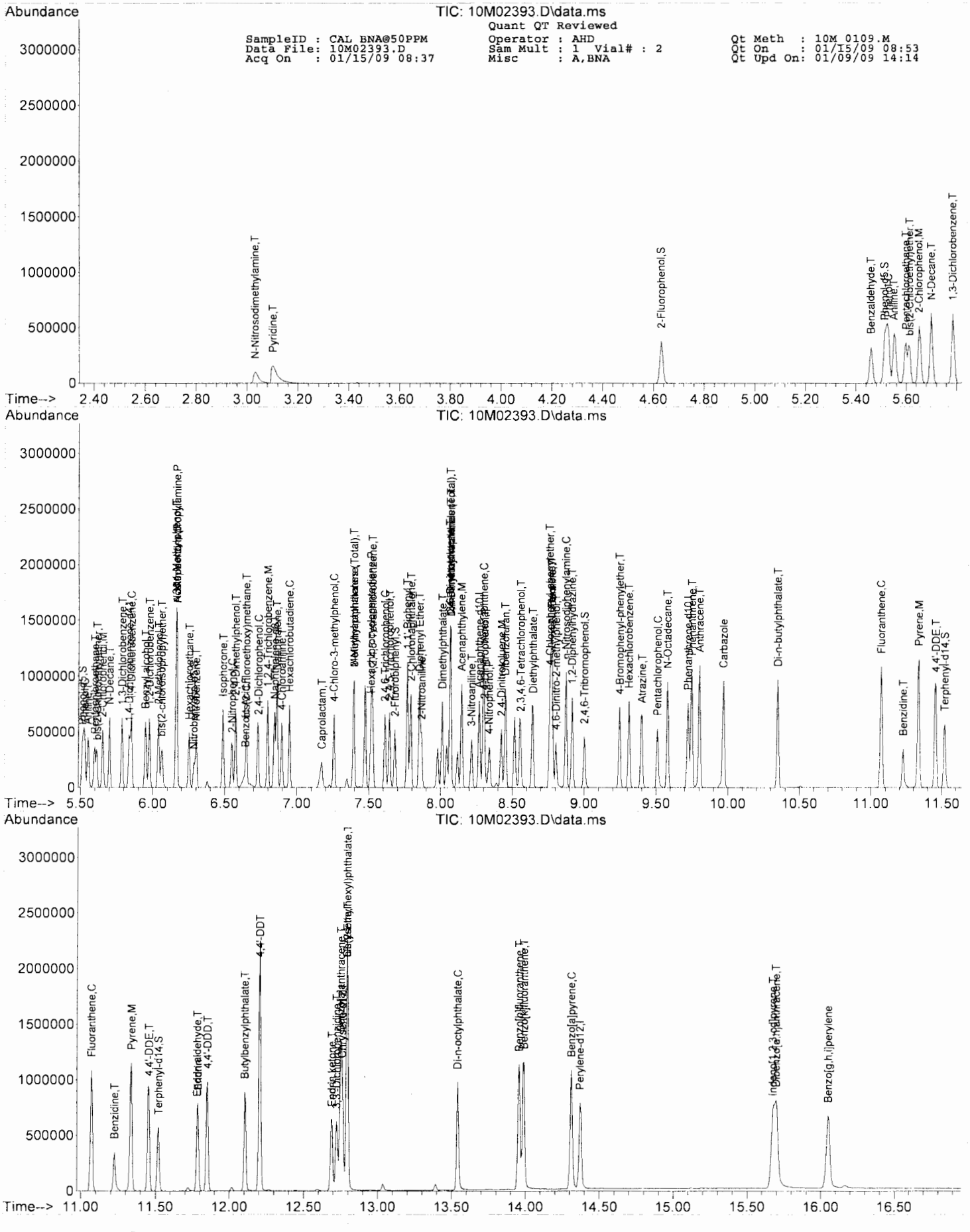
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02393.D Sam Mult : 1 Vial# : 2 Qt On : 01/15/09 08:53
Acq On : 01/15/09 08:37 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60) 4-Nitrophenol	8.338	65	54118	49.54 ng	91
61) 2,3,4,6-Tetrachlorophenol	8.557	232	86794	49.48 ng	78
62) Fluorene	8.771	166	295575	48.27 ng	100
63) 4-Chlorophenyl-phenyle...	8.761	204	150084	47.29 ng	83
64) Diethylphthalate	8.643	149	274870	49.91 ng	93
65) 4-Nitroaniline	8.777	138	77509	56.13 ng	78
66) Atrazine	9.402	200	86059	50.05 ng	92
68) 4,6-Dinitro-2-methylph...	8.803	198	60711	56.41 ng	100
69) n-Nitrosodiphenylamine	8.873	169	253498	48.28 ng	99
71) 1,2-Diphenylhydrazine	8.916	77	262612	49.26 ng	78
72) 4-Bromophenyl-phenylether	9.247	248	101787	48.16 ng	72
73) Hexachlorobenzene	9.312	284	113046	46.77 ng	54
74) N-Octadecane	9.579	57	132988	50.60 ng	68
75) Pentachlorophenol	9.509	266	73120	48.51 ng	96
76) Phenanthrene	9.750	178	432029	47.78 ng	97
77) Anthracene	9.804	178	442417	48.86 ng	98
78) Carbazole	9.969	167	409533	49.05 ng	97
79) Di-n-butylphthalate	10.349	149	467802	52.62 ng	97
80) Fluoranthene	11.071	202	490178	50.63 ng	83
82) Pyrene	11.339	202	528206	47.84 ng	79
83) Benzidine	11.226	184	146937	56.52 ng	80
85) 4,4'-DDE	11.456	246	123184	47.60 ng	87
86) Endrin	11.788	81	26148	54.20 ng	25
87) 4,4'-DDD	11.852	235	205929	48.92 ng	92
88) Butylbenzylphthalate	12.104	149	208534	48.56 ng	71
89) Endrin aldehyde	11.783	67	11986	44.37 ng	80
90) 4,4'-DDT	12.205	235	229709	50.60 ng	93
91) Endrin ketone	12.692	317	28880	49.64 ng	98
92) 3,3'-Dichlorobenzidine	12.724	252	168109	52.12 ng	94
93) Benzo[a]anthracene	12.751	228	534416	48.72 ng	98
94) Chrysene	12.793	228	521173	47.07 ng	96
95) bis(2-Ethylhexyl)phtha...	12.793	149	296037	51.17 ng	90
97) Di-n-octylphthalate	13.542	149	477492	49.12 ng	99
98) Benzo[b]fluoranthene	13.959	252	565057	52.27 ng	88
99) Benzo[k]fluoranthene	13.992	252	525076	46.04 ng	87
100) Benzo[a]pyrene	14.312	252	527392	51.39 ng	87
101) Indeno[1,2,3-cd]pyrene	15.676	276	592769	52.36 ng	66
102) Dibenzo[a,h]anthracene	15.698	278	500978	52.96 ng	79
103) Benzo[g,h,i]perylene	16.051	276	486490	49.92 ng	73

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


Abundance
TIC: 10M02393.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 10M02393.D
Acq On : 01/15/09 08:37
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/15/09 08:53
Qt Upd On: 01/09/09 14:14
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2,4-Dichlorophenol,C
Hexachlorobutadiene,C
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M15872.D **Instrument:** GCMS 9

Cont Calibration Date/Time 1/15/2009 9:03:00 A **Method:** EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.4-Dichlorobenzene-d4	1	0	I	5.67	40.00	40				0.000	0.00	
Pyridine	1	0		2.80	51.47	50			1.523	1.568	2.94	
N-Nitrosodimethylamine	1	0		2.73	51.96	50			0.936	0.972	3.92	
2-Fluorophenol	1	0	S	4.45	50.92	50			1.318	1.342	1.84	
Benzaldehyde	1	0		5.29	37.30	50			1.178	0.879	25.40	
Aniline	1	0		5.39	55.13	50			1.799	2.249	10.26	
Pentachloroethane	1	0		5.42	48.28	50			0.463	0.447	3.44	
bis(2-Chloroethyl)ether	1	0		5.44	55.34	50			1.385	1.533	10.68	
Phenol-d5	1	0	S	5.36	55.38	50			1.908	2.114	10.76	
Phenol	1	0	CC	5.37	55.61	50	20		2.078	2.311	11.22	
2-Chlorophenol	1	0		5.49	53.22	50			1.496	1.592	6.44	
N-Decane	1	0		5.54	48.89	50			1.587	1.552	2.22	
1.3-Dichlorobenzene	1	0		5.62	47.74	50			1.605	1.532	4.52	
1.4-Dichlorobenzene	1	0	CC	5.69	48.01	50	20		1.641	1.576	3.98	
1.2-Dichlorobenzene	1	0		5.81	49.36	50			1.552	1.532	1.28	
Benzyl alcohol	1	0		5.79	51.98	50			1.012	1.052	3.96	
bis(2-chloroisopropyl)ether	1	0		5.90	55.83	50			2.312	2.582	11.66	
2-Methylphenol	1	0		5.88	53.99	50			1.422	1.535	7.98	
Acetophenone	1	0		6.00	55.43	50			2.065	2.289	10.86	
Hexachloroethane	1	0		6.09	52.43	50			0.613	0.642	4.86	
N-Nitroso-di-n-propylamine	1	0	CP	6.00	58.96	50	0.05		1.177	1.388	17.92	
3&4-Methylphenol	1	0		6.01	58.47	50			1.449	1.694	16.94	
Naphthalene-d8	1	0	I	6.69	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.12	24.28	25			0.183	0.177	2.88	
Nitrobenzene	1	0		6.14	51.53	50			0.417	0.430	3.06	
Isophorone	1	0		6.33	53.46	50			0.775	0.828	6.92	
2-Nitrophenol	1	0	CC	6.39	52.68	50	20		0.191	0.201	5.36	
2.4-Dimethylphenol	1	0		6.42	53.27	50			0.389	0.414	6.54	
Benzoic Acid	1	0		6.49	71.07	50			0.144	0.205	42.14	
bis(2-Chloroethoxy)methane	1	0		6.49	49.39	50			0.422	0.416	1.22	
2.4-Dichlorophenol	1	0	CC	6.57	50.40	50	20		0.309	0.311	0.80	
1.2.4-Trichlorobenzene	1	0		6.64	45.32	50			0.342	0.310	9.36	
Naphthalene	1	0		6.70	48.34	50			1.104	1.068	3.32	
4-Chloroaniline	1	0		6.74	71.48	50			0.291	0.415	42.96	
Hexachlorobutadiene	1	0	CC	6.79	43.44	50	20		0.195	0.169	13.12	
Caprolactam	1	0		7.00	64.21	50			0.119	0.153	28.42	
4-Chloro-3-methylphenol	1	0	CC	7.10	53.83	50	20		0.348	0.375	7.66	
2-Methylnaphthalene	1	0		7.23	47.26	50			0.769	0.726	5.48	
Methylnaphthalenes	1	0		7.23	47.26	50	20			0.726	5.48	
1.1'-Biphenyl	1	0		7.59	50.90	50			0.932	0.948	1.80	
Acenaphthene-d10	1	0	I	8.09	40.00	40				0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		7.36	44.17	50			0.600	0.530	11.66	
Hexachlorocyclopentadiene	1	0	CP	7.35	36.52	50	0.05		0.291	0.231	26.96	
2.4.6-Trichlorophenol	1	0	CC	7.45	50.94	50	20		0.369	0.376	1.88	
2.4.5-Trichlorophenol	1	0		7.48	50.28	50			0.401	0.404	0.56	
2-Fluorobiphenyl	1	0	S	7.51	23.07	25			1.370	1.264	7.72	
2-Chloronaphthalene	1	0		7.62	47.79	50			1.192	1.140	4.42	
1.4-Dimethylnaphthalene	1	0		7.89	48.31	50			0.945	0.913	3.38	
Dimethylnaphthalenes	1	0		7.89	48.31	50	20			0.913	3.38	
Diphenyl Ether	1	0		7.68	46.95	50			0.853	0.801	6.10	
2-Nitroaniline	1	0		7.70	57.40	50			0.487	0.559	14.80	
Acenaphthylene	1	0		7.97	49.59	50			1.977	1.960	0.82	
Dimethylphthalate	1	0		7.84	52.60	50			1.414	1.488	5.20	
2.6-Dinitrotoluene	1	0		7.90	53.86	50			0.325	0.350	7.72	
Acenaphthene	1	0	CC	8.12	49.24	50	20		1.247	1.228	1.52	
3-Nitroaniline	1	0		8.05	67.67	50			0.294	0.398	35.34	
2.4-Dinitrophenol	1	0	CP	8.14	73.86	50	0.05		0.129	0.209	47.72	
Dibenzofuran	1	0		8.27	49.85	50			1.772	1.766	0.30	
2.4-Dinitrotoluene	1	0		8.25	58.95	50			0.436	0.515	17.90	
4-Nitrophenol	1	0	CP	8.18	75.07	50	0.05		0.259	0.390	50.14	
2.3.4.6-Tetrachlorophenol	1	0		8.38	55.18	50			0.336	0.370	10.36	
Fluorene	1	0		8.59	52.53	50			1.460	1.534	5.06	
4-Chlorophenyl-phenylether	1	0		8.58	49.57	50			0.690	0.684	0.86	
Diethylphthalate	1	0		8.47	54.27	50			1.406	1.526	8.54	
4-Nitroaniline	1	0		8.61	63.16	50			0.392	0.495	26.32	
Atrazine	1	0		9.23	58.36	50			0.401	0.468	16.72	
Phenanthrene-d10	1	0	I	9.54	40.00	40				0.000	0.00	
4.6-Dinitro-2-methylphenol	1	0		8.63	60.28	50			0.127	0.163	20.56	
n-Nitrosodiphenylamine	1	0	CC	8.70	46.80	50	20		0.751	0.703	6.40	
2.4.6-Tribromophenol	1	0	S	8.82	46.28	50			0.101	0.094	7.44	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M15872.D **Instrument:** GCMS 9

Cont Calibration Date/Time 1/15/2009 9:03:00 A **Method:** EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.74	47.92	50			0.936	0.897	4.16	
4-Bromophenyl-phenylether	1	0		9.07	43.37	50			0.244	0.212	13.26	
Hexachlorobenzene	1	0		9.13	44.81	50			0.250	0.224	10.38	
N-Octadecane	1	0		9.40	47.71	50			0.584	0.557	4.58	
Pentachlorophenol	1	0	CC	9.33	58.70	50	20		0.126	0.144	17.40	
Phenanthrene	1	0		9.56	48.98	50			1.303	1.277	2.04	
Anthracene	1	0		9.62	49.48	50			1.310	1.296	1.04	
Carbazole	1	0		9.79	53.88	50			1.276	1.375	7.76	
Di-n-butylphthalate	1	0		10.17	55.83	50			1.452	1.621	11.66	
Fluoranthene	1	0	CC	10.88	54.96	50	20		1.432	1.574	9.92	
Chrysene-d12	1	0	I	12.58	40.00	40				0.000	0.00	
Pyrene	1	0		11.15	44.08	50			1.523	1.342	11.84	
Benzidine	1	0		11.04	49.14	50			0.347	0.430	1.72	
Terphenyl-d14	1	0	S	11.34	21.55	25			1.036	0.893	13.80	
p,p'-DDE	1	0		11.27	40.94				0.307			
Endrin	1	0		11.60	52.25	50			0.082	0.085	4.50	
p,p'-DDD	1	0		11.67	45.36				0.540			
Butylbenzylphthalate	1	0		11.93	51.03	50			0.647	0.660	2.06	
Endrin aldehyde	1	0		11.60	44.64				0.050			
p,p'-DDT	1	0		12.03	49.67				0.533			
Endrin ketone	1	0		12.50	47.56				0.055			
3,3'-Dichlorobenzidine	1	0		12.55	72.48	50			0.282	0.482	44.96	
Benzo[a]anthracene	1	0		12.57	49.00	50			1.415	1.387	2.00	
Chrysene	1	0		12.61	48.54	50			1.354	1.314	2.92	
bis(2-Ethylhexyl)phthalate	1	0		12.62	53.07	50			0.855	0.908	6.14	
Perylene-d12	1	0	I	14.18	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.37	45.26	50	20		1.522	1.568	9.48	
Benzo[b]fluoranthene	1	0		13.78	47.47	50			1.387	1.317	5.06	
Benzo[k]fluoranthene	1	0		13.81	48.37	50			1.390	1.345	3.26	
Benzo[a]pyrene	1	0	CC	14.13	50.99	50	20		1.316	1.342	1.98	
Indeno[1,2,3-cd]pyrene	1	0		15.43	54.64	50			1.407	1.537	9.28	
Dibenzo[a,h]anthracene	1	0		15.45	54.88	50			1.168	1.282	9.76	
Benzo[g,h,i]perylene	1	0		15.78	54.51	50			1.170	1.276	9.02	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50				0.000	100.00	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.769	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			0.945	0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0109.M
Data File: 9M15872.D Sam Mult : 1 Vial# : 2 Qt On : 01/15/09 09:19
Acq On : 01/15/09 09:03 Misc : A,BNA Qt Upd On: 01/08/09 11:40

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.669	152	39332	40.00	ng	-0.06
23) Naphthalene-d8	6.686	136	178166	40.00	ng	-0.06
41) Acenaphthene-d10	8.092	164	114370	40.00	ng	-0.07
67) Phenanthrene-d10	9.536	188	215168	40.00	ng	-0.08
81) Chrysene-d12	12.580	240	277733	40.00	ng	-0.09
96) Perylene-d12	14.184	264	300355	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	4.450	112	65963	50.92	ng	-0.07
Spiked Amount 100.000			Recovery = 50.92%			
9) Phenol-d5	5.359	99	103914	55.38	ng	-0.06
Spiked Amount 100.000			Recovery = 55.38%			
24) Nitrobenzene-d5	6.124	128	19757	24.28	ng	-0.06
Spiked Amount 50.000			Recovery = 48.56%			
46) 2-Fluorobiphenyl	7.515	172	90377	23.07	ng	-0.06
Spiked Amount 50.000			Recovery = 46.14%			
70) 2,4,6-Tribromophenol	8.825	330	25205	46.28	ng	-0.07
Spiked Amount 100.000			Recovery = 46.28%			
84) Terphenyl-d14	11.339	244	155000	21.55	ng	-0.08
Spiked Amount 50.000			Recovery = 43.10%			
Target Compounds						Qvalue
2) Pyridine	2.797	79	77100	51.47	ng	87
3) N-Nitrosodimethylamine	2.728	74	47808	51.96	ng	82
5) Benzaldehyde	5.290	77	43194	37.30	ng	82
6) Aniline	5.386	93	110557	55.13	ng	42
7) Pentachloroethane	5.423	117	21998	48.28	ng	80
8) bis(2-Chloroethyl)ether	5.445	93	75385	55.34	ng	91
10) Phenol	5.370	94	113600	55.61	ng	91
11) 2-Chlorophenol	5.487	128	78278	53.22	ng	87
12) N-Decane	5.536	57	76307	48.89	ng	88
13) 1,3-Dichlorobenzene	5.621	146	75343	47.74	ng	97
14) 1,4-Dichlorobenzene	5.685	146	77481	48.01	ng	98
15) 1,2-Dichlorobenzene	5.808	146	75336	49.36	ng	97
16) Benzyl alcohol	5.787	108	51709	51.98	ng	81
17) bis(2-chloroisopropyl)...	5.899	45	126936	55.83	ng	97
18) 2-Methylphenol	5.883	108	75476	53.99	ng	100
19) Acetophenone	6.001	105	112553	55.43	ng	80
20) Hexachloroethane	6.086	117	31577	52.43	ng	83
21) N-Nitroso-di-n-propyla...	6.001	70	68230	58.96	ng	83
22) 3&4-Methylphenol	6.006	108	83294	58.47	ng	97
25) Nitrobenzene	6.140	77	95663	51.53	ng	86
26) Isophorone	6.327	82	184441	53.46	ng	91
27) 2-Nitrophenol	6.391	139	44865	52.68	ng	91
28) 2,4-Dimethylphenol	6.423	107	92216	53.27	ng	97
29) Benzoic Acid	6.488	105	45725	71.07	ng	94
30) bis(2-Chloroethoxy)met...	6.493	93	92732	49.39	ng	96
31) 2,4-Dichlorophenol	6.573	162	69256	50.40	ng	91
32) 1,2,4-Trichlorobenzene	6.637	180	69089	45.32	ng	98
33) Naphthalene	6.702	128	237777	48.34	ng	99
34) 4-Chloroaniline	6.739	127	92490	71.48	ng	99
35) Hexachlorobutadiene	6.787	225	37646	43.44	ng	97
36) Caprolactam	6.996	113	33968	64.21	ng	70
37) 4-Chloro-3-methylphenol	7.103	107	83442	53.83	ng	89
38) 2-Methylnaphthalene	7.226	142	161777	47.26	ng	99
39) Methylnaphthalenes (To...	7.226	142	161777	47.26	ng	99
40) 1,1'-Biphenyl	7.595	154	211196	50.90	ng	96
42) 1,2,4,5-Tetrachloroben...	7.359	216	75828	44.17	ng	98
43) Hexachlorocyclopentadiene	7.349	237	33047	36.52	ng	99
44) 2,4,6-Trichlorophenol	7.450	196	53774	50.94	ng	99
45) 2,4,5-Trichlorophenol	7.482	196	57708	50.28	ng	98
47) 2-Chloronaphthalene	7.622	162	162913	47.79	ng	93
48) 1,4-Dimethylnaphthalene	7.894	156	130575	48.31	ng	97
49) Dimethylnaphthalenes (...	7.894	156	130575	48.31	ng	97
50) Diphenyl Ether	7.680	170	114444	46.95	ng	85
51) 2-Nitroaniline	7.696	65	79922	57.40	ng	78
52) Acenaphthylene	7.969	152	280274	49.59	ng	99
53) Dimethylphthalate	7.841	163	212734	52.60	ng	99
54) 2,6-Dinitrotoluene	7.900	165	50088	53.86	ng	66
55) Acenaphthene	8.119	153	175566	49.24	ng	94
56) 3-Nitroaniline	8.049	138	56900	67.67	ng	76
57) 2,4-Dinitrophenol	8.140	184	29924	73.86	ng	88
58) Dibenzofuran	8.274	168	252521	49.85	ng	91
59) 2,4-Dinitrotoluene	8.253	165	73568	58.95	ng	74

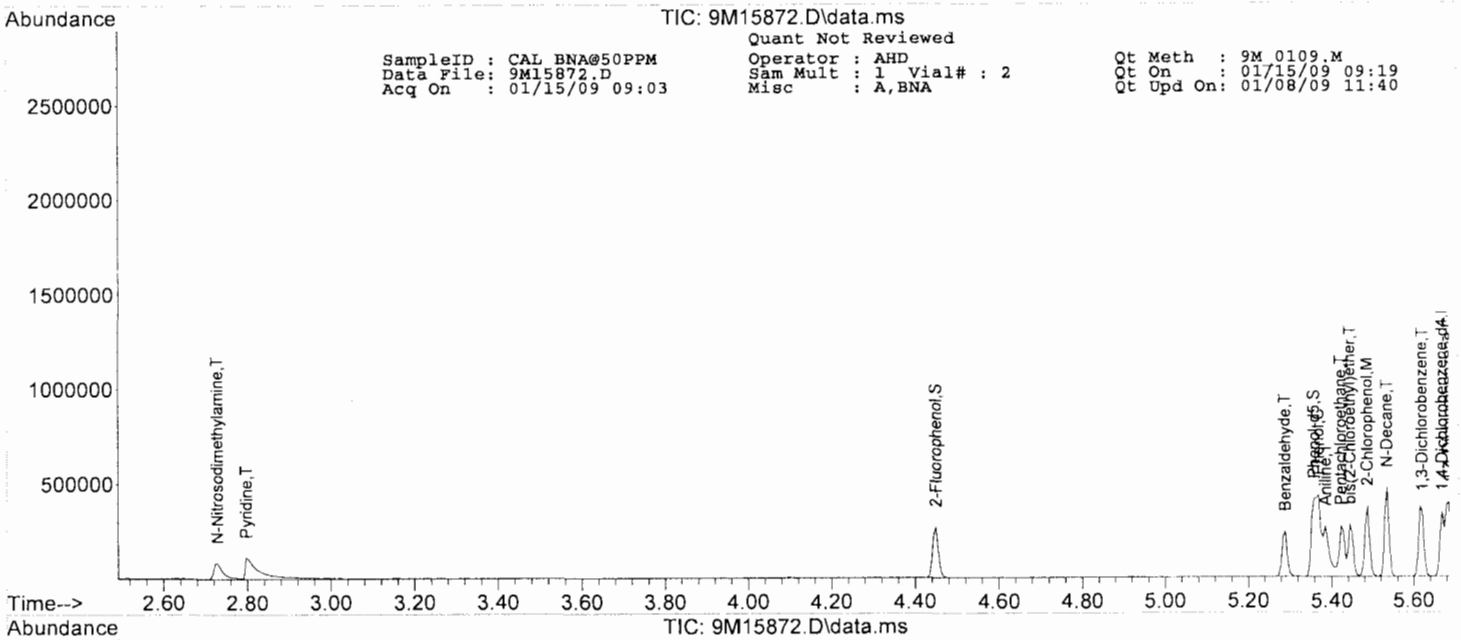
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0109.M
Data File: 9M15872.D Sam Mult : 1 Vial# : 2 Qt On : 01/15/09 09:19
Acq On : 01/15/09 09:03 Misc : A,BNA Qt Upd On: 01/08/09 11:40

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60) 4-Nitrophenol	8.183	65	55691	75.07 ng	92
61) 2,3,4,6-Tetrachlorophenol	8.381	232	52938	55.18 ng	88
62) Fluorene	8.595	166	219260	52.53 ng	99
63) 4-Chlorophenyl-phenyle...	8.584	204	97810	49.57 ng	88
64) Diethylphthalate	8.467	149	218216	54.27 ng	99
65) 4-Nitroaniline	8.606	138	70754	63.16 ng	83
66) Atrazine	9.226	200	66946	58.36 ng	98
68) 4,6-Dinitro-2-methylph...	8.632	198	43776	60.28 ng	100
69) n-Nitrosodiphenylamine	8.697	169	189025	46.80 ng	100
71) 1,2-Diphenylhydrazine	8.739	77	241190	47.92 ng	88
72) 4-Bromophenyl-phenylether	9.066	248	56973	43.37 ng	92
73) Hexachlorobenzene	9.130	284	60267	44.81 ng	74
74) N-Octadecane	9.403	57	149882	47.71 ng	89
75) Pentachlorophenol	9.333	266	38755	58.70 ng	98
76) Phenanthrene	9.563	178	343396	48.98 ng	100
77) Anthracene	9.617	178	348549	49.48 ng	99
78) Carbazole	9.788	167	369816	53.88 ng	98
79) Di-n-butylphthalate	10.173	149	436010	55.83 ng	97
80) Fluoranthene	10.884	202	423301	54.96 ng	93
82) Pyrene	11.152	202	466053	44.08 ng	87
83) Benzidine	11.045	184	149272	49.14 ng	90
85) p,p'-DDE	11.275	246	87252	40.94 ng	95
86) Endrin	11.596	81	29570	52.25 ng	64
87) p,p'-DDD	11.670	235	170143	45.36 ng	91
88) Butylbenzylphthalate	11.933	149	229219	51.03 ng	77
89) Endrin aldehyde	11.596	67	15590	44.64 ng	64
90) p,p'-DDT	12.029	235	183643	49.67 ng	98
91) Endrin ketone	12.505	317	18064	47.56 ng	99
92) 3,3'-Dichlorobenzidine	12.548	252	167432	72.48 ng	96
93) Benzo[a]anthracene	12.569	228	481482	49.00 ng	99
94) Chrysene	12.612	228	456311	48.54 ng	100
95) bis(2-Ethylhexyl)phtha...	12.623	149	315204	53.07 ng	97
97) Di-n-octylphthalate	13.371	149	588842	45.26 ng	100
98) Benzo[b]fluoranthene	13.783	252	494285	47.47 ng	94
99) Benzo[k]fluoranthene	13.810	252	504888	48.37 ng	95
100) Benzo[a]pyrene	14.125	252	503941	50.99 ng	92
101) Indeno[1,2,3-cd]pyrene	15.431	276	577192	54.64 ng	88
102) Dibenzo[a,h]anthracene	15.452	278	481487	54.88 ng	91
103) Benzo[g,h,i]perylene	15.784	276	479018	54.51 ng	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed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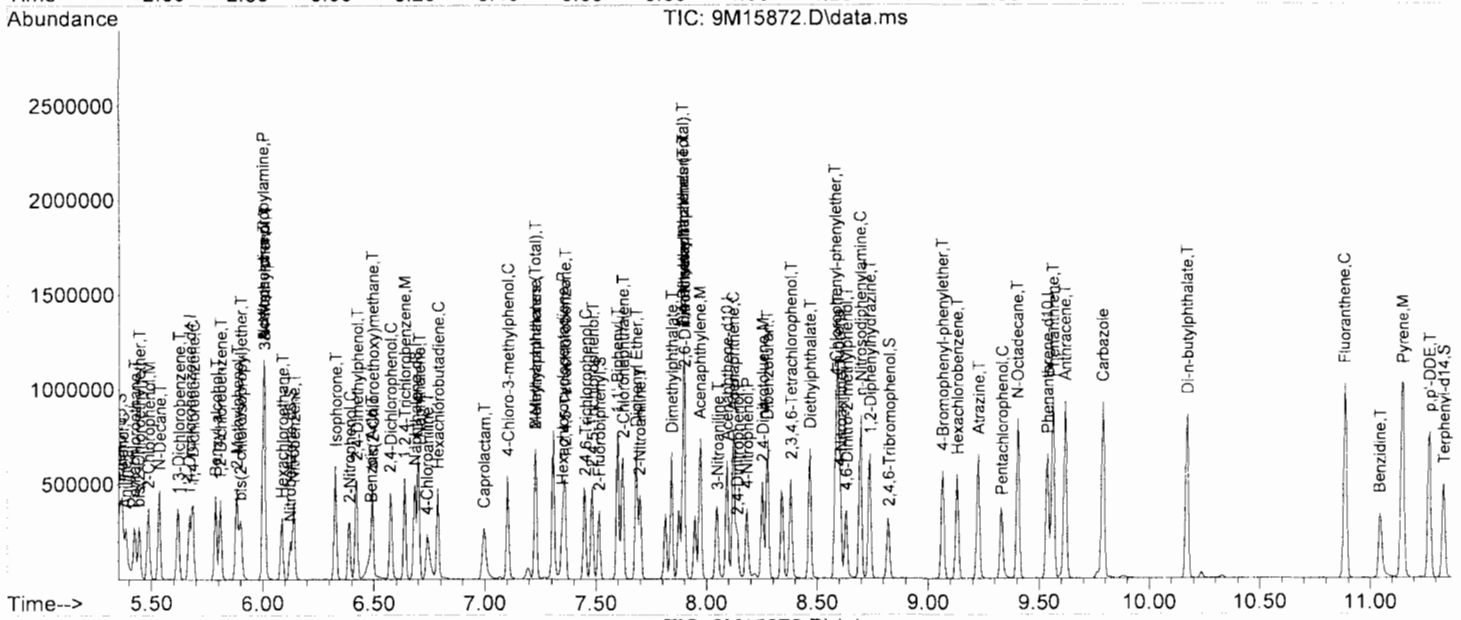
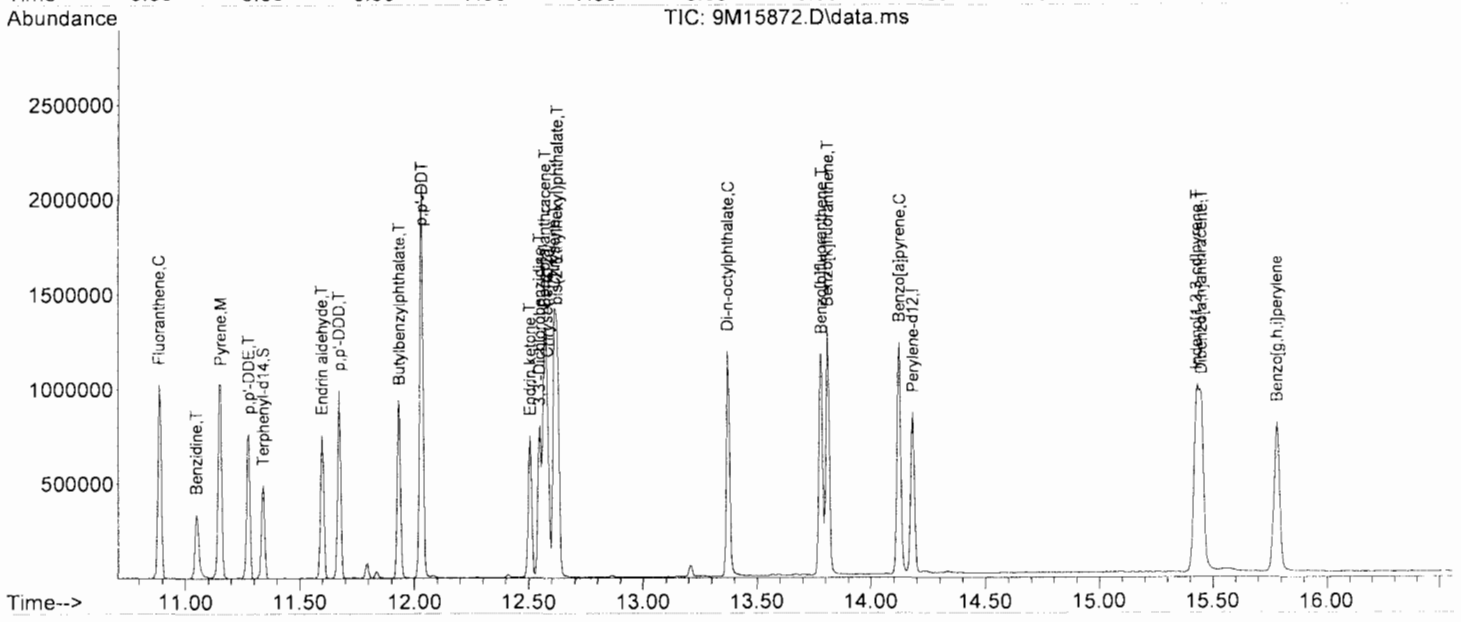
Quant Not Reviewed
SampleID : CAL BNA@50PPM
Data File: 9M15872.D
Acq On : 01/15/09 09:03
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 9M_0109.M
Qt On : 01/15/09 09:19
Qt Upd On: 01/08/09 11:40
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Aniline,T
Bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->


Abundance
TIC: 9M15872.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
Hexachlorocyclopentadiene,T
Hexachlorobutadiene,C
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
p,p'-DDE,T
Time-->


Abundance
TIC: 9M15872.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M02414.D **Instrument:** GCMS 10

Cont Calibration Date/Time 1/16/2009 10:44:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	5.83	40.00	40				0.000	0.00	
Pyridine	1	0		3.08	48.31	50			1.209	1.168	3.38	
N-Nitrosodimethylamine	1	0		3.01	50.80	50			0.646	0.657	1.60	
2-Fluorophenol	1	0	S	4.62	48.94	50			1.148	1.123	2.12	
Benzaldehyde	1	0		5.45	44.44	50			0.779	0.692	11.12	
Aniline	1	0		5.55	54.27	50			1.680	1.965	8.54	
Pentachloroethane	1	0		5.59	47.78	50			0.408	0.390	4.44	
bis(2-Chloroethyl)ether	1	0		5.60	50.13	50			1.203	1.207	0.26	
Phenol-d5	1	0	S	5.51	51.72	50			1.581	1.635	3.44	
Phenol	1	0	CC	5.52	50.38	50	20		1.669	1.682	0.76	
2-Chlorophenol	1	0		5.64	50.85	50			1.399	1.422	1.70	
N-Decane	1	0		5.69	45.51	50			1.140	1.037	8.98	
1,3-Dichlorobenzene	1	0		5.78	48.03	50			1.566	1.504	3.94	
1,4-Dichlorobenzene	1	0	CC	5.84	46.91	50	20		1.667	1.565	6.18	
1,2-Dichlorobenzene	1	0		5.96	49.48	50			1.506	1.491	1.04	
Benzyl alcohol	1	0		5.94	53.52	50			0.879	0.941	7.04	
bis(2-chloroisopropyl)ether	1	0		6.05	52.30	50			1.290	1.349	4.60	
2-Methylphenol	1	0		6.03	52.71	50			1.256	1.324	5.42	
Acetophenone	1	0		6.16	51.44	50			2.008	2.065	2.88	
Hexachloroethane	1	0		6.24	47.89	50			0.581	0.557	4.22	
N-Nitroso-di-n-propylamine	1	0	CP	6.16	53.60	50	0.05		1.038	1.113	7.20	
3&4-Methylphenol	1	0		6.16	51.98	50			1.401	1.456	3.96	
Naphthalene-d8	1	0	I	6.84	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.28	24.00	25			0.172	0.165	4.00	
Nitrobenzene	1	0		6.29	49.15	50			0.385	0.379	1.70	
Isophorone	1	0		6.48	51.75	50			0.673	0.697	3.50	
2-Nitrophenol	1	0	CC	6.54	46.44	50	20		0.200	0.201	7.12	
2,4-Dimethylphenol	1	0		6.57	48.85	50			0.381	0.372	2.30	
Benzoic Acid	1	0		6.64	51.38	50			0.256	0.234	2.76	
bis(2-Chloroethoxy)methane	1	0		6.64	49.60	50			0.394	0.391	0.80	
2,4-Dichlorophenol	1	0	CC	6.72	49.93	50	20		0.323	0.323	0.14	
1,2,4-Trichlorobenzene	1	0		6.79	47.57	50			0.388	0.369	4.86	
Naphthalene	1	0		6.85	47.17	50			1.151	1.086	5.66	
4-Chloroaniline	1	0		6.89	60.52	50			0.355	0.429	21.04	
Hexachlorobutadiene	1	0	CC	6.94	48.29	50	20		0.235	0.226	3.42	
Caprolactam	1	0		7.17	52.80	50			0.105	0.120	5.60	
4-Chloro-3-methylphenol	1	0	CC	7.25	50.54	50	20		0.335	0.339	1.08	
2-Methylnaphthalene	1	0		7.39	50.01	50			0.796	0.797	0.02	
Methylnaphthalenes	1	0		7.39	50.01	50	20			0.797	0.02	
1,1'-Biphenyl	1	0		7.76	50.10	50			1.002	1.004	0.20	
Acenaphthene-d10	1	0	I	8.26	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		7.51	45.78	50			0.734	0.672	8.44	
Hexachlorocyclopentadiene	1	0	CP	7.50	43.98	50	0.05		0.432	0.398	12.04	
2,4,6-Trichlorophenol	1	0	CC	7.61	49.99	50	20		0.422	0.422	0.02	
2,4,5-Trichlorophenol	1	0		7.64	49.95	50			0.458	0.457	0.10	
2-Fluorobiphenyl	1	0	S	7.67	23.07	25			1.475	1.361	7.72	
2-Chloronaphthalene	1	0		7.78	46.08	50			1.267	1.167	7.84	
1,4-Dimethylnaphthalene	1	0		8.07	47.76	50			1.034	0.988	4.48	
Dimethylnaphthalenes	1	0		8.07	47.76	50	20			0.988	4.48	
Diphenyl Ether	1	0		7.85	47.49	50			0.928	0.881	5.02	
2-Nitroaniline	1	0		7.86	50.89	50			0.431	0.439	1.78	
Acenaphthylene	1	0		8.14	47.91	50			2.020	1.935	4.18	
Dimethylphthalate	1	0		8.01	48.09	50			1.438	1.383	3.82	
2,6-Dinitrotoluene	1	0		8.07	49.88	50			0.343	0.342	0.24	
Acenaphthene	1	0	CC	8.30	47.06	50	20		1.315	1.238	5.88	
3-Nitroaniline	1	0		8.22	57.39	50			0.283	0.325	14.78	
2,4-Dinitrophenol	1	0	CP	8.30	49.23	50	0.05		0.211	0.224	1.54	
Dibenzofuran	1	0		8.45	47.92	50			1.839	1.762	4.16	
2,4-Dinitrotoluene	1	0		8.42	52.67	50			0.437	0.461	5.34	
4-Nitrophenol	1	0	CP	8.34	48.36	50	0.05		0.258	0.267	3.28	
2,3,4,6-Tetrachlorophenol	1	0		8.55	50.74	50			0.443	0.450	1.48	
Fluorene	1	0		8.77	49.17	50			1.548	1.523	1.66	
4-Chlorophenyl-phenylether	1	0		8.76	48.13	50			0.802	0.772	3.74	
Diethylphthalate	1	0		8.64	49.41	50			1.392	1.376	1.18	
4-Nitroaniline	1	0		8.78	52.99	50			0.349	0.370	5.98	
Atrazine	1	0		9.40	49.73	50			0.435	0.432	0.54	
Phenanthrene-d10	1	0	I	9.72	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.80	56.42	50			0.166	0.175	12.84	
n-Nitrosodiphenylamine	1	0	CC	8.87	48.38	50	20		0.755	0.730	3.24	
2,4,6-Tribromophenol	1	0	S	9.00	51.04	50			0.168	0.172	2.08	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M02414.D **Instrument:** GCMS 10

Cont Calibration Date/Time 1/16/2009 10:44:00 **Method:** EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.92	49.83	50			0.767	0.764	0.34	
4-Bromophenyl-phenylether	1	0		9.24	47.63	50			0.304	0.289	4.74	
Hexachlorobenzene	1	0		9.31	48.05	50			0.347	0.334	3.90	
N-Octadecane	1	0		9.58	50.76	50			0.378	0.384	1.52	
Pentachlorophenol	1	0	CC	9.51	49.31	50	20		0.214	0.214	1.38	
Phenanthrene	1	0		9.74	47.73	50			1.300	1.241	4.54	
Anthracene	1	0		9.80	49.26	50			1.302	1.283	1.48	
Carbazole	1	0		9.97	49.02	50			1.201	1.177	1.96	
Di-n-butylphthalate	1	0		10.35	52.79	50			1.278	1.349	5.58	
Fluoranthene	1	0	CC	11.07	50.59	50	20		1.392	1.408	1.18	
Chrysene-d12	1	0	I	12.76	40.00	40				0.000	0.00	
Pyrene	1	0		11.33	49.08	50			1.407	1.381	1.84	
Benzidine	1	0		11.23	50.64	50			0.255	0.343	1.28	
Terphenyl-d14	1	0	S	11.52	25.00	25			1.153	1.153	0.00	
4,4'-DDE	1	0		11.46	49.98				0.330			
Endrin	1	0		11.78	52.21	50			0.062	0.064	4.42	
4,4'-DDD	1	0		11.85	51.48				0.537			
Butylbenzylphthalate	1	0		12.11	48.43	50			0.509	0.530	3.14	
Endrin aldehyde	1	0		11.78	45.33				0.034			
4,4'-DDT	1	0		12.21	51.53				0.579			
Endrin ketone	1	0		12.69	50.55				0.074			
3,3'-Dichlorobenzidine	1	0		12.72	51.92	50			0.331	0.427	3.84	
Benzo[a]anthracene	1	0		12.75	48.99	50			1.398	1.370	2.02	
Chrysene	1	0		12.79	47.86	50			1.412	1.351	4.28	
bis(2-Ethylhexyl)phthalate	1	0		12.80	50.92	50			0.738	0.751	1.84	
Perylene-d12	1	0	I	14.37	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.54	47.85	50	20		1.047	1.105	4.30	
Benzo[b]fluoranthene	1	0		13.95	49.13	50			1.285	1.263	1.74	
Benzo[k]fluoranthene	1	0		13.99	51.11	50			1.356	1.386	2.22	
Benzo[a]pyrene	1	0	CC	14.31	50.73	50	20		1.220	1.238	1.46	
Indeno[1,2,3-cd]pyrene	1	0		15.68	47.72	50			1.346	1.285	4.56	
Dibenzo[a,h]anthracene	1	0		15.70	48.74	50			1.125	1.096	2.52	
Benzo[g,h,i]perylene	1	0		16.05	45.98	50			1.159	1.065	8.04	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			1.034	0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.796	0.000	100.00	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02414.D Sam Mult : 1 Vial# : 2 Qt On : 01/16/09 10:58
Acq On : 01/16/09 10:44 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.830	152	68052	40.00	ng	-0.03
23) Naphthalene-d8	6.835	136	277473	40.00	ng	-0.03
41) Acenaphthene-d10	8.263	164	176480	40.00	ng	-0.03
67) Phenanthrene-d10	9.718	188	312843	40.00	ng	-0.03
81) Chrysene-d12	12.761	240	344607	40.00	ng	-0.03
96) Perylene-d12	14.371	264	352554	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	4.621	112	95560	48.94	ng	-0.04
Spiked Amount 100.000			Recovery = 48.94%			
9) Phenol-d5	5.509	99	139108	51.72	ng	-0.03
Spiked Amount 100.000			Recovery = 51.72%			
24) Nitrobenzene-d5	6.279	128	28663	24.00	ng	-0.03
Spiked Amount 50.000			Recovery = 48.00%			
46) 2-Fluorobiphenyl	7.675	172	150156	23.07	ng	-0.03
Spiked Amount 50.000			Recovery = 46.14%			
70) 2,4,6-Tribromophenol	9.001	330	67246	51.04	ng	-0.03
Spiked Amount 100.000			Recovery = 51.04%			
84) Terphenyl-d14	11.521	244	248310	25.00	ng	-0.03
Spiked Amount 50.000			Recovery = 50.00%			
Target Compounds						Qvalue
2) Pyridine	3.080	79	99368	48.31	ng	69
3) N-Nitrosodimethylamine	3.011	74	55874	50.80	ng	86
5) Benzaldehyde	5.450	77	58843	44.44	ng	82
6) Aniline	5.546	93	167163	54.27	ng	83
7) Pentachloroethane	5.589	117	33176	47.78	ng	69
8) bis(2-Chloroethyl)ether	5.605	93	102632	50.13	ng	78
10) Phenol	5.519	94	143050	50.38	ng	95
11) 2-Chlorophenol	5.642	128	120996	50.85	ng	80
12) N-Decane	5.690	57	88240	45.51	ng	75
13) 1,3-Dichlorobenzene	5.776	146	127946	48.03	ng	98
14) 1,4-Dichlorobenzene	5.840	146	133086	46.91	ng	95
15) 1,2-Dichlorobenzene	5.963	146	126813	49.48	ng	96
16) Benzyl alcohol	5.942	108	80048	53.52	ng	79
17) bis(2-chloroisopropyl)...	6.054	45	114752	52.30	ng	64
18) 2-Methylphenol	6.027	108	112609	52.71	ng	95
19) Acetophenone	6.156	105	175677	51.44	ng	79
20) Hexachloroethane	6.241	117	47345	47.89	ng	67
21) N-Nitroso-di-n-propyla...	6.156	70	94693	53.60	ng	78
22) 3&4-Methylphenol	6.156	108	123886	51.98	ng	100
25) Nitrobenzene	6.295	77	131292	49.15	ng	81
26) Isophorone	6.482	82	241741	51.75	ng	84
27) 2-Nitrophenol	6.541	139	69742	46.44	ng	93
28) 2,4-Dimethylphenol	6.568	107	129072	48.85	ng	94
29) Benzoic Acid	6.637	105	81047m	51.38	ng	
30) bis(2-Chloroethoxy)met...	6.643	93	135508	49.60	ng	96
31) 2,4-Dichlorophenol	6.723	162	111967	49.93	ng	85
32) 1,2,4-Trichlorobenzene	6.787	180	127888	47.57	ng	98
33) Naphthalene	6.851	128	376655	47.17	ng	98
34) 4-Chloroaniline	6.889	127	148915	60.52	ng	99
35) Hexachlorobutadiene	6.942	225	78559	48.29	ng	97
36) Caprolactam	7.167	113	41513	52.80	ng	56
37) 4-Chloro-3-methylphenol	7.247	107	117512	50.54	ng	80
38) 2-Methylnaphthalene	7.386	142	276286	50.01	ng	97
39) Methylnaphthalenes (To...	7.386	142	276286	50.01	ng	97
40) 1,1'-Biphenyl	7.760	154	348318	50.10	ng	91
42) 1,2,4,5-Tetrachloroben...	7.514	216	148268	45.78	ng	99
43) Hexachlorocyclopentadiene	7.504	237	87747	43.98	ng	98
44) 2,4,6-Trichlorophenol	7.605	196	93032	49.99	ng	99
45) 2,4,5-Trichlorophenol	7.637	196	100875	49.95	ng	98
47) 2-Chloronaphthalene	7.782	162	257545	46.08	ng	93
48) 1,4-Dimethylnaphthalene	8.065	156	217888	47.76	ng	83
49) Dimethylnaphthalenes (...	8.065	156	217888	47.76	ng	83
50) Diphenyl Ether	7.846	170	194434	47.49	ng	74
51) 2-Nitroaniline	7.862	65	96839	50.89	ng	57
52) Acenaphthylene	8.140	152	426887	47.91	ng	99
53) Dimethylphthalate	8.006	163	305124	48.09	ng	98
54) 2,6-Dinitrotoluene	8.065	165	75404	49.88	ng	61
55) Acenaphthene	8.295	153	273098	47.06	ng	98
56) 3-Nitroaniline	8.215	138	71605	57.39	ng	75
57) 2,4-Dinitrophenol	8.301	184	49312	49.23	ng	77
58) Dibenzofuran	8.450	168	388724	47.92	ng	82
59) 2,4-Dinitrotoluene	8.418	165	101642	52.67	ng	63

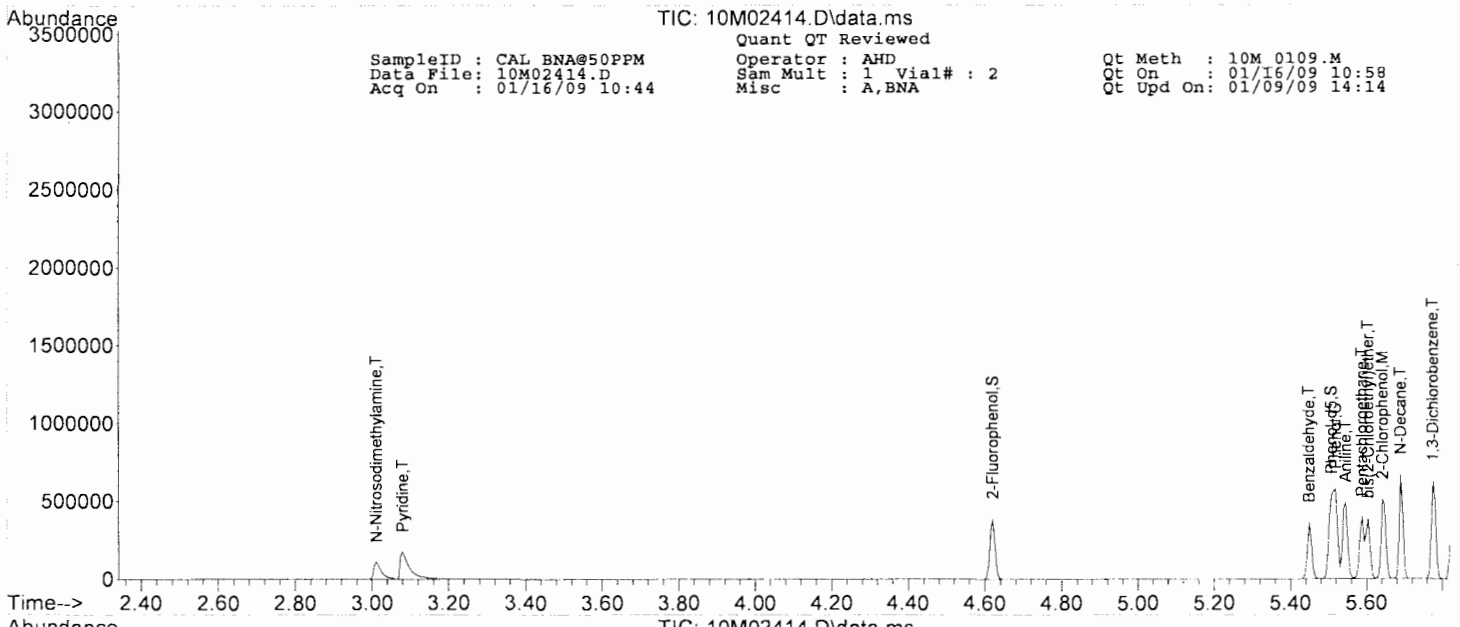
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02414.D Sam Mult : 1 Vial# : 2 Qt On : 01/16/09 10:58
Acq On : 01/16/09 10:44 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.338	65	58931	48.36	ng	80
61) 2,3,4,6-Tetrachlorophenol	8.552	232	99276	50.74	ng	80
62) Fluorene	8.771	166	335880	49.17	ng	100
63) 4-Chlorophenyl-phenyle...	8.761	204	170376	48.13	ng	78
64) Diethylphthalate	8.638	149	303513	49.41	ng	94
65) 4-Nitroaniline	8.777	138	81622	52.99	ng	82
66) Atrazine	9.397	200	95396	49.73	ng	93
68) 4,6-Dinitro-2-methylph...	8.803	198	68288	56.42	ng	100
69) n-Nitrosodiphenylamine	8.873	169	285643	48.38	ng	100
71) 1,2-Diphenylhydrazine	8.916	77	298761	49.83	ng	75
72) 4-Bromophenyl-phenylether	9.242	248	113188	47.63	ng	80
73) Hexachlorobenzene	9.312	284	130588	48.05	ng	52
74) N-Octadecane	9.579	57	150022	50.76	ng	73
75) Pentachlorophenol	9.509	266	83624	49.31	ng	97
76) Phenanthrene	9.745	178	485282	47.73	ng	96
77) Anthracene	9.798	178	501546	49.26	ng	99
78) Carbazole	9.969	167	460220	49.02	ng	96
79) Di-n-butylphthalate	10.349	149	527718	52.79	ng	97
80) Fluoranthene	11.071	202	550762	50.59	ng	82
82) Pyrene	11.333	202	595026	49.08	ng	81
83) Benzidine	11.226	184	147642	50.64	ng	78
85) 4,4'-DDE	11.456	246	142051	49.98	ng	86
86) Endrin	11.783	81	27666	52.21	ng	19
87) 4,4'-DDD	11.852	235	237977	51.48	ng	93
88) Butylbenzylphthalate	12.109	149	228399	48.43	ng	68
89) Endrin aldehyde	11.783	67	13450	45.33	ng	79
90) 4,4'-DDT	12.205	235	256918	51.53	ng	94
91) Endrin ketone	12.692	317	32292	50.55	ng	99
92) 3,3'-Dichlorobenzidine	12.724	252	183984	51.92	ng	93
93) Benzo[a]anthracene	12.751	228	590109	48.99	ng	98
94) Chrysene	12.793	228	582058	47.86	ng	96
95) bis(2-Ethylhexyl)phtha...	12.799	149	323576	50.92	ng	88
97) Di-n-octylphthalate	13.542	149	487070	47.85	ng	99
98) Benzo[b]fluoranthene	13.954	252	556487	49.13	ng	90
99) Benzo[k]fluoranthene	13.986	252	610773	51.11	ng	88
100) Benzo[a]pyrene	14.313	252	545489	50.73	ng	86
101) Indeno[1,2,3-cd]pyrene	15.676	276	566088	47.72	ng	65
102) Dibenzo[a,h]anthracene	15.698	278	483101	48.74	ng	81
103) Benzo[g,h,i]perylene	16.051	276	469498	45.98	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed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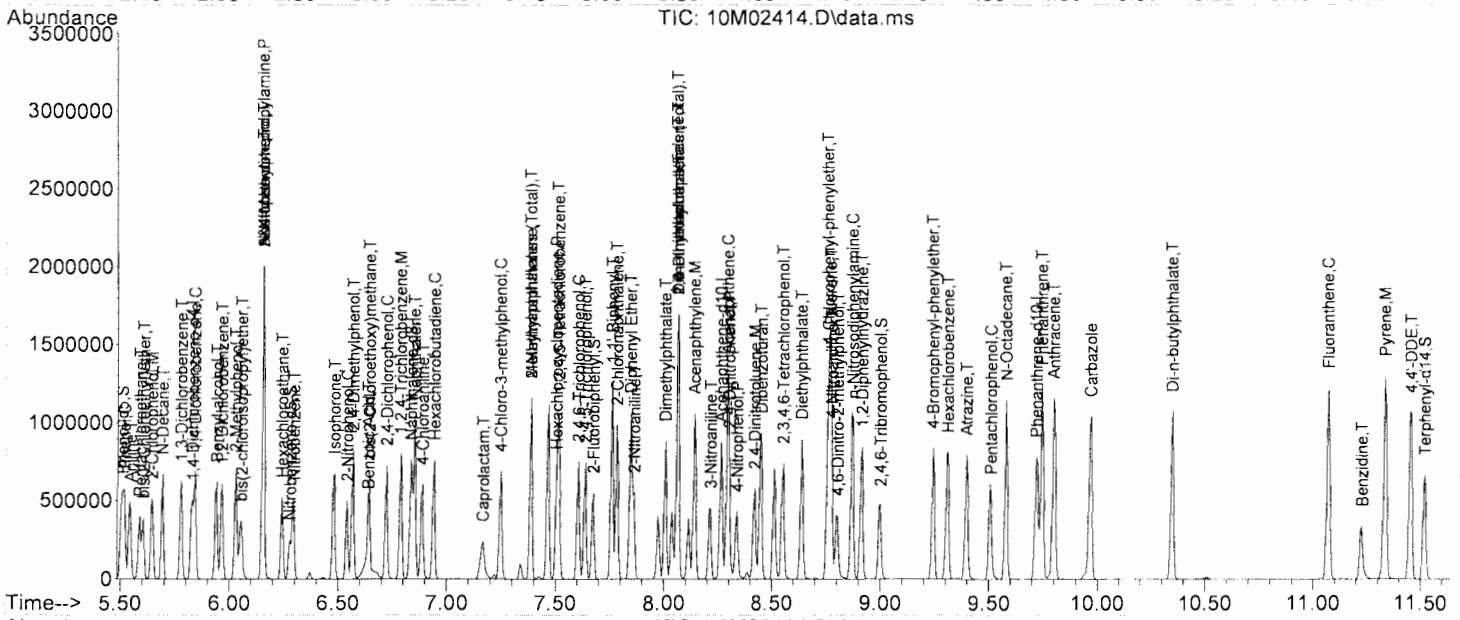
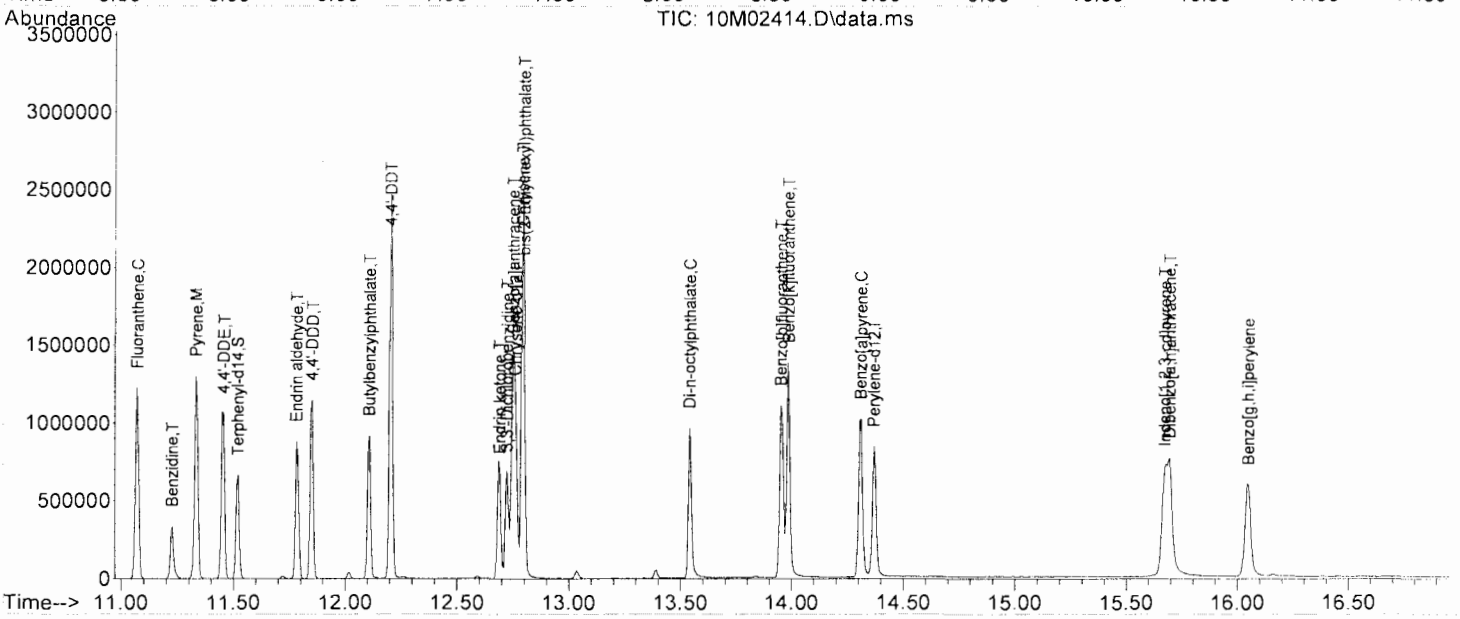
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 10M02414.D
Acq On : 01/16/09 10:44
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/16/09 10:58
Qt Upd On: 01/09/09 14:14
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Aniline,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->


Abundance
TIC: 10M02414.D\data.ms
Isophorone,T
4-Chloro-3-methylphenol,C
Caprolactam,T
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->


Abundance
TIC: 10M02414.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M15901.D **Instrument:** GCMS 9

Cont Calibration Date/Time 1/16/2009 11:09:00 **Method:** EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	5.66	40.00	40				0.000	0.00	
Pyridine	1	0		2.77	49.99	50			1.523	1.523	0.02	
N-Nitrosodimethylamine	1	0		2.70	47.60	50			0.936	0.891	4.80	
2-Fluorophenol	1	0	S	4.43	51.24	50			1.318	1.350	2.48	
Benzaldehyde	1	0		5.27	35.26	50			1.178	0.830	29.48	
Aniline	1	0		5.38	54.57	50			1.799	2.226	9.14	
Pentachloroethane	1	0		5.41	48.76	50			0.463	0.452	2.48	
bis(2-Chloroethyl)ether	1	0		5.43	49.69	50			1.385	1.377	0.62	
Phenol-d5	1	0	S	5.35	51.73	50			1.908	1.974	3.46	
Phenol	1	0	CC	5.36	52.07	50	20		2.078	2.164	4.14	
2-Chlorophenol	1	0		5.48	50.79	50			1.496	1.519	1.58	
N-Decane	1	0		5.52	49.09	50			1.587	1.558	1.82	
1,3-Dichlorobenzene	1	0		5.61	48.33	50			1.605	1.552	3.34	
1,4-Dichlorobenzene	1	0	CC	5.67	48.79	50	20		1.641	1.602	2.42	
1,2-Dichlorobenzene	1	0		5.80	48.50	50			1.552	1.506	3.00	
Benzyl alcohol	1	0		5.78	51.13	50			1.012	1.034	2.26	
bis(2-chloroisopropyl)ether	1	0		5.89	50.49	50			2.312	2.335	0.98	
2-Methylphenol	1	0		5.87	50.50	50			1.422	1.436	1.00	
Acetophenone	1	0		5.99	51.00	50			2.065	2.106	2.00	
Hexachloroethane	1	0		6.07	49.85	50			0.613	0.611	0.30	
N-Nitroso-di-n-propylamine	1	0	CP	5.99	51.78	50	0.05		1.177	1.219	3.56	
3&4-Methylphenol	1	0		6.00	52.37	50			1.449	1.517	4.74	
Naphthalene-d8	1	0	I	6.67	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.11	24.87	25			0.183	0.182	0.52	
Nitrobenzene	1	0		6.13	49.21	50			0.417	0.410	1.58	
Isophorone	1	0		6.32	49.87	50			0.775	0.773	0.26	
2-Nitrophenol	1	0	CC	6.38	53.21	50	20		0.191	0.203	6.42	
2,4-Dimethylphenol	1	0		6.41	49.85	50			0.389	0.387	0.30	
Benzoic Acid	1	0		6.49	84.61	50			0.144	0.260	69.22	
bis(2-Chloroethoxy)methane	1	0		6.48	48.54	50			0.422	0.409	2.92	
2,4-Dichlorophenol	1	0	CC	6.57	50.30	50	20		0.309	0.310	0.60	
1,2,4-Trichlorobenzene	1	0		6.63	47.90	50			0.342	0.328	4.20	
Naphthalene	1	0		6.69	48.74	50			1.104	1.076	2.52	
4-Chloroaniline	1	0		6.73	69.31	50			0.291	0.403	38.62	
Hexachlorobutadiene	1	0	CC	6.78	46.78	50	20		0.195	0.182	6.44	
Caprolactam	1	0		7.00	53.74	50			0.119	0.128	7.48	
4-Chloro-3-methylphenol	1	0	CC	7.09	50.85	50	20		0.348	0.354	1.70	
2-Methylnaphthalene	1	0		7.22	47.75	50			0.769	0.734	4.50	
Methylnaphthalenes	1	0		7.22	47.75	50	20			0.734	4.50	
1,1'-Biphenyl	1	0		7.58	47.82	50			0.932	0.891	4.36	
Acenaphthene-d10	1	0	I	8.08	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		7.35	48.11	50			0.600	0.578	3.78	
Hexachlorocyclopentadiene	1	0	CP	7.34	42.07	50	0.05		0.291	0.267	15.86	
2,4,6-Trichlorophenol	1	0	CC	7.44	53.19	50	20		0.369	0.393	6.38	
2,4,5-Trichlorophenol	1	0		7.47	51.66	50			0.401	0.415	3.32	
2-Fluorobiphenyl	1	0	S	7.50	24.13	25			1.370	1.322	3.48	
2-Chloronaphthalene	1	0		7.61	48.29	50			1.192	1.152	3.42	
1,4-Dimethylnaphthalene	1	0		7.88	48.93	50			0.945	0.925	2.14	
Dimethylnaphthalenes	1	0		7.88	48.93	50	20			0.925	2.14	
Diphenyl Ether	1	0		7.67	48.02	50			0.853	0.819	3.96	
2-Nitroaniline	1	0		7.69	52.95	50			0.487	0.516	5.90	
Acenaphthylene	1	0		7.96	49.23	50			1.977	1.946	1.54	
Dimethylphthalate	1	0		7.83	49.56	50			1.414	1.402	0.88	
2,6-Dinitrotoluene	1	0		7.89	51.35	50			0.325	0.334	2.70	
Acenaphthene	1	0	CC	8.11	49.12	50	20		1.247	1.225	1.76	
3-Nitroaniline	1	0		8.04	61.60	50			0.294	0.362	23.20	
2,4-Dinitrophenol	1	0	CP	8.13	65.31	50	0.05		0.129	0.180	30.62	
Dibenzofuran	1	0		8.26	49.44	50			1.772	1.752	1.12	
2,4-Dinitrotoluene	1	0		8.24	52.46	50			0.436	0.458	4.92	
4-Nitrophenol	1	0	CP	8.17	60.82	50	0.05		0.259	0.316	21.64	
2,3,4,6-Tetrachlorophenol	1	0		8.37	54.51	50			0.336	0.366	9.02	
Fluorene	1	0		8.58	49.66	50			1.460	1.450	0.68	
4-Chlorophenyl-phenylether	1	0		8.57	48.44	50			0.690	0.669	3.12	
Diethylphthalate	1	0		8.46	50.64	50			1.406	1.424	1.28	
4-Nitroaniline	1	0		8.60	52.84	50			0.392	0.414	5.68	
Atrazine	1	0		9.22	52.31	50			0.401	0.420	4.62	
Phenanthrene-d10	1	0	I	9.52	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.62	57.35	50			0.127	0.154	14.70	
n-Nitrosodiphenylamine	1	0	CC	8.69	48.47	50	20		0.751	0.728	3.06	
2,4,6-Tribromophenol	1	0	S	8.81	49.28	50			0.101	0.100	1.44	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M15901.D **Instrument:** GCMS 9

Cont Calibration Date/Time 1/16/2009 11:09:00 **Method:** EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.72	49.08	50			0.936	0.919	1.84	
4-Bromophenyl-phenylether	1	0		9.06	46.81	50			0.244	0.229	6.38	
Hexachlorobenzene	1	0		9.12	46.32	50			0.250	0.232	7.36	
N-Octadecane	1	0		9.39	50.73	50			0.584	0.592	1.46	
Pentachlorophenol	1	0	CC	9.32	59.26	50	20		0.126	0.146	18.52	
Phenanthrene	1	0		9.55	47.69	50			1.303	1.243	4.62	
Anthracene	1	0		9.61	47.82	50			1.310	1.252	4.36	
Carbazole	1	0		9.78	50.10	50			1.276	1.279	0.20	
Di-n-butylphthalate	1	0		10.16	50.92	50			1.452	1.479	1.84	
Fluoranthene	1	0	CC	10.87	49.49	50	20		1.432	1.417	1.02	
Chrysene-d12	1	0	I	12.56	40.00	40				0.000	0.00	
Pyrene	1	0		11.14	47.73	50			1.523	1.454	4.54	
Benzidine	1	0		11.03	50.62	50			0.347	0.442	1.24	
Terphenyl-d14	1	0	S	11.32	23.67	25			1.036	0.981	5.32	
p,p'-DDE	1	0		11.26	48.02				0.307			
Endrin	1	0		11.58	57.42	50			0.082	0.094	14.84	
p,p'-DDD	1	0		11.65	48.37				0.540			
Butylbenzylphthalate	1	0		11.91	53.47	50			0.647	0.692	6.94	
Endrin aldehyde	1	0		11.58	44.83				0.050			
p,p'-DDT	1	0		12.01	53.87				0.533			
Endrin ketone	1	0		12.49	49.37				0.055			
3,3'-Dichlorobenzidine	1	0		12.53	64.78	50			0.282	0.435	29.56	
Benzo[a]anthracene	1	0		12.55	49.28	50			1.415	1.395	1.44	
Chrysene	1	0		12.60	48.15	50			1.354	1.304	3.70	
bis(2-Ethylhexyl)phthalate	1	0		12.61	54.67	50			0.855	0.935	9.34	
Perylene-d12	1	0	I	14.16	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.36	48.16	50	20		1.522	1.666	3.68	
Benzo[b]fluoranthene	1	0		13.76	47.54	50			1.387	1.318	4.92	
Benzo[k]fluoranthene	1	0		13.79	47.65	50			1.390	1.325	4.70	
Benzo[a]pyrene	1	0	CC	14.10	48.86	50	20		1.316	1.286	2.28	
Indeno[1,2,3-cd]pyrene	1	0		15.40	48.52	50			1.407	1.365	2.96	
Dibenzo[a,h]anthracene	1	0		15.43	49.53	50			1.168	1.158	0.94	
Benzo[g,h,i]perylene	1	0		15.76	48.72	50			1.170	1.140	2.56	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.769	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			0.945	0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0109.M
Data File: 9M15901.D Sam Mult : 1 Vial# : 2 Qt On : 01/19/09 08:42
Acq On : 01/16/09 11:09 Misc : A,BNA Qt Upd On: 01/08/09 11:40

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.659	152	71237	40.00	ng	-0.07
23) Naphthalene-d8	6.675	136	299175	40.00	ng	-0.07
41) Acenaphthene-d10	8.082	164	176133	40.00	ng	-0.08
67) Phenanthrene-d10	9.520	188	302814	40.00	ng	-0.10
81) Chrysene-d12	12.564	240	312459	40.00	ng	-0.10
96) Perylene-d12	14.163	264	313023	40.00	ng	-0.11
System Monitoring Compounds						
4) 2-Fluorophenol	4.434	112	120235	51.24	ng	-0.09
Spiked Amount 100.000			Recovery = 51.24%			
9) Phenol-d5	5.348	99	175800	51.73	ng	-0.07
Spiked Amount 100.000			Recovery = 51.73%			
24) Nitrobenzene-d5	6.113	128	33990	24.87	ng	-0.07
Spiked Amount 50.000			Recovery = 49.74%			
46) 2-Fluorobiphenyl	7.504	172	145573	24.13	ng	-0.07
Spiked Amount 50.000			Recovery = 48.26%			
70) 2,4,6-Tribromophenol	8.809	330	37772	49.28	ng	-0.09
Spiked Amount 100.000			Recovery = 49.28%			
84) Terphenyl-d14	11.323	244	191564	23.67	ng	-0.10
Spiked Amount 50.000			Recovery = 47.34%			
Target Compounds						Qvalue
2) Pyridine	2.765	79	135637	49.99	ng	82
3) N-Nitrosodimethylamine	2.701	74	79335	47.60	ng	87
5) Benzaldehyde	5.274	77	73941	35.26	ng	85
6) Aniline	5.375	93	198228	54.57	ng	49
7) Pentachloroethane	5.413	117	40239	48.76	ng	79
8) bis(2-Chloroethyl)ether	5.434	93	122601	49.69	ng	90
10) Phenol	5.359	94	192659	52.07	ng	95
11) 2-Chlorophenol	5.477	128	135286	50.79	ng	85
12) N-Decane	5.525	57	138774	49.09	ng	88
13) 1,3-Dichlorobenzene	5.605	146	138158	48.33	ng	98
14) 1,4-Dichlorobenzene	5.669	146	142630	48.79	ng	97
15) 1,2-Dichlorobenzene	5.798	146	134074	48.50	ng	98
16) Benzyl alcohol	5.776	108	92110	51.13	ng	81
17) bis(2-chloroisopropyl)...	5.889	45	207948	50.49	ng	94
18) 2-Methylphenol	5.873	108	127865	50.50	ng	99
19) Acetophenone	5.990	105	187544	51.00	ng	74
20) Hexachloroethane	6.071	117	54380	49.85	ng	91
21) N-Nitroso-di-n-propyla...	5.990	70	108533	51.78	ng	83
22) 3&4-Methylphenol	6.001	108	135119	52.37	ng	100
25) Nitrobenzene	6.129	77	153380	49.21	ng	85
26) Isophorone	6.317	82	288914	49.87	ng	91
27) 2-Nitrophenol	6.381	139	76093	53.21	ng	94
28) 2,4-Dimethylphenol	6.413	107	144891	49.85	ng	99
29) Benzoic Acid	6.488	105	97071m	84.61	ng	
30) bis(2-Chloroethoxy)met...	6.482	93	153046	48.54	ng	95
31) 2,4-Dichlorophenol	6.568	162	116069	50.30	ng	88
32) 1,2,4-Trichlorobenzene	6.627	180	122619	47.90	ng	99
33) Naphthalene	6.691	128	402557	48.74	ng	99
34) 4-Chloroaniline	6.728	127	150595	69.31	ng	98
35) Hexachlorobutadiene	6.777	225	68073	46.78	ng	96
36) Caprolactam	7.001	113	47737	53.74	ng	70
37) 4-Chloro-3-methylphenol	7.092	107	132341	50.85	ng	91
38) 2-Methylnaphthalene	7.220	142	274443	47.75	ng	99
39) Methylnaphthalenes (To...	7.220	142	274443	47.75	ng	99
40) 1,1'-Biphenyl	7.584	154	333171	47.82	ng	96
42) 1,2,4,5-Tetrachloroben...	7.349	216	127213	48.11	ng	99
43) Hexachlorocyclopentadiene	7.338	237	58885	42.07	ng	100
44) 2,4,6-Trichlorophenol	7.440	196	86481	53.19	ng	99
45) 2,4,5-Trichlorophenol	7.472	196	91306	51.66	ng	99
47) 2-Chloronaphthalene	7.611	162	253540	48.29	ng	93
48) 1,4-Dimethylnaphthalene	7.884	156	203681	48.93	ng	95
49) Dimethylnaphthalenes (...	7.884	156	203681	48.93	ng	95
50) Diphenyl Ether	7.670	170	180272	48.02	ng	83
51) 2-Nitroaniline	7.686	65	113536	52.95	ng	77
52) Acenaphthylene	7.959	152	428492	49.23	ng	99
53) Dimethylphthalate	7.830	163	308683	49.56	ng	99
54) 2,6-Dinitrotoluene	7.889	165	73553	51.35	ng	64
55) Acenaphthene	8.108	153	269750	49.12	ng	96
56) 3-Nitroaniline	8.039	138	79766	61.60	ng	75
57) 2,4-Dinitrophenol	8.130	184	39612	65.31	ng	89
58) Dibenzofuran	8.263	168	385693	49.44	ng	87
59) 2,4-Dinitrotoluene	8.242	165	100825	52.46	ng	72

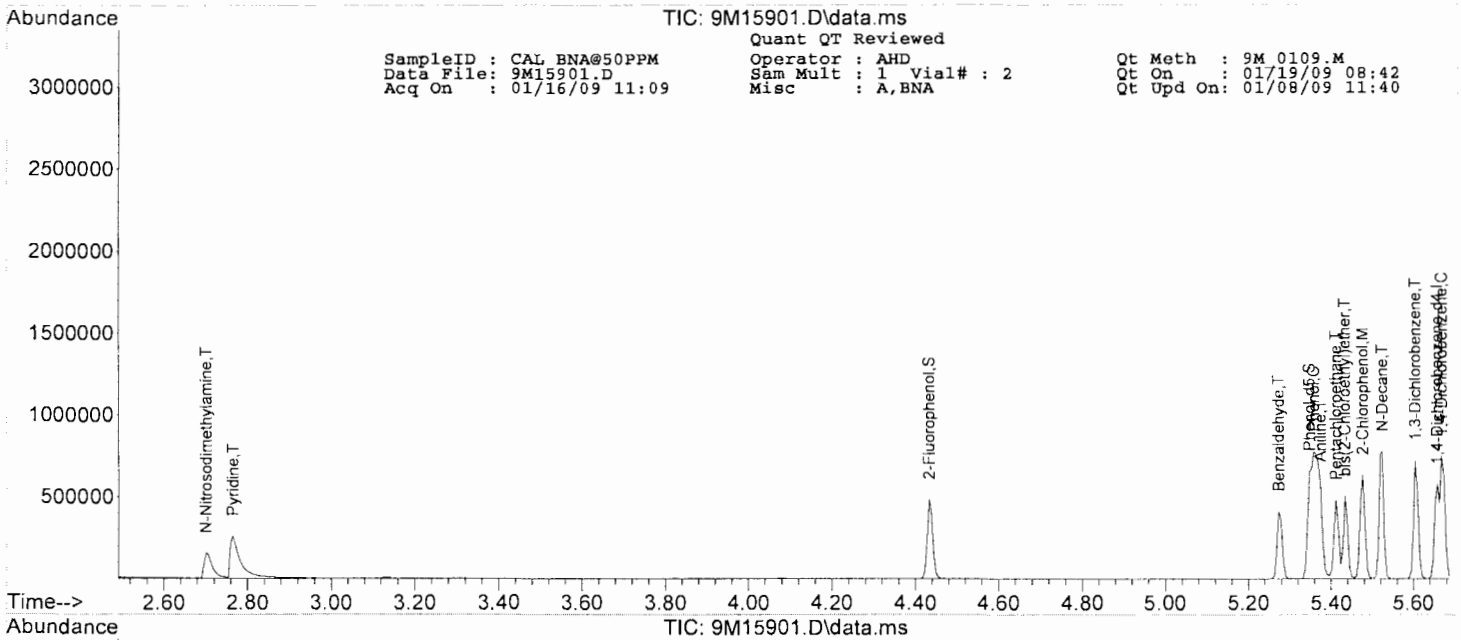
Quantitation Report (QT Reviewed)

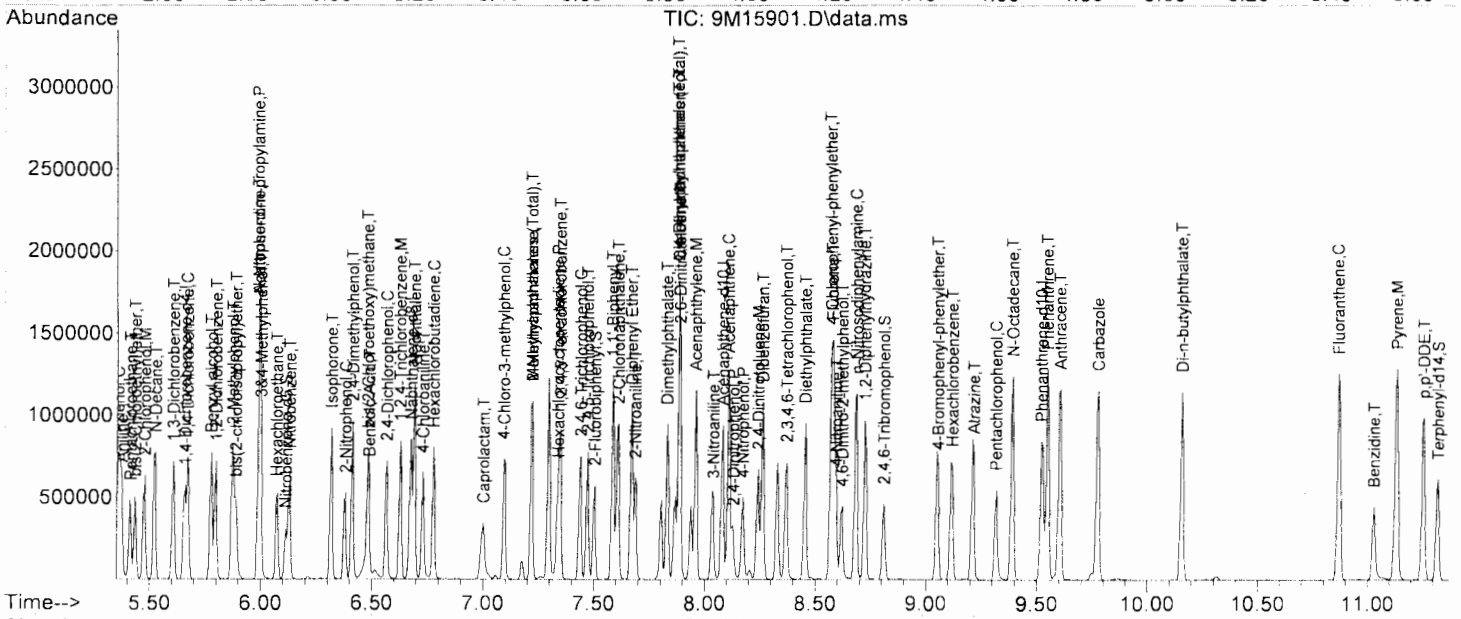
SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0109.M
Data File: 9M15901.D Sam Mult : 1 Vial# : 2 Qt On : 01/19/09 08:42
Acq On : 01/16/09 11:09 Misc : A,BNA Qt Upd On: 01/08/09 11:40

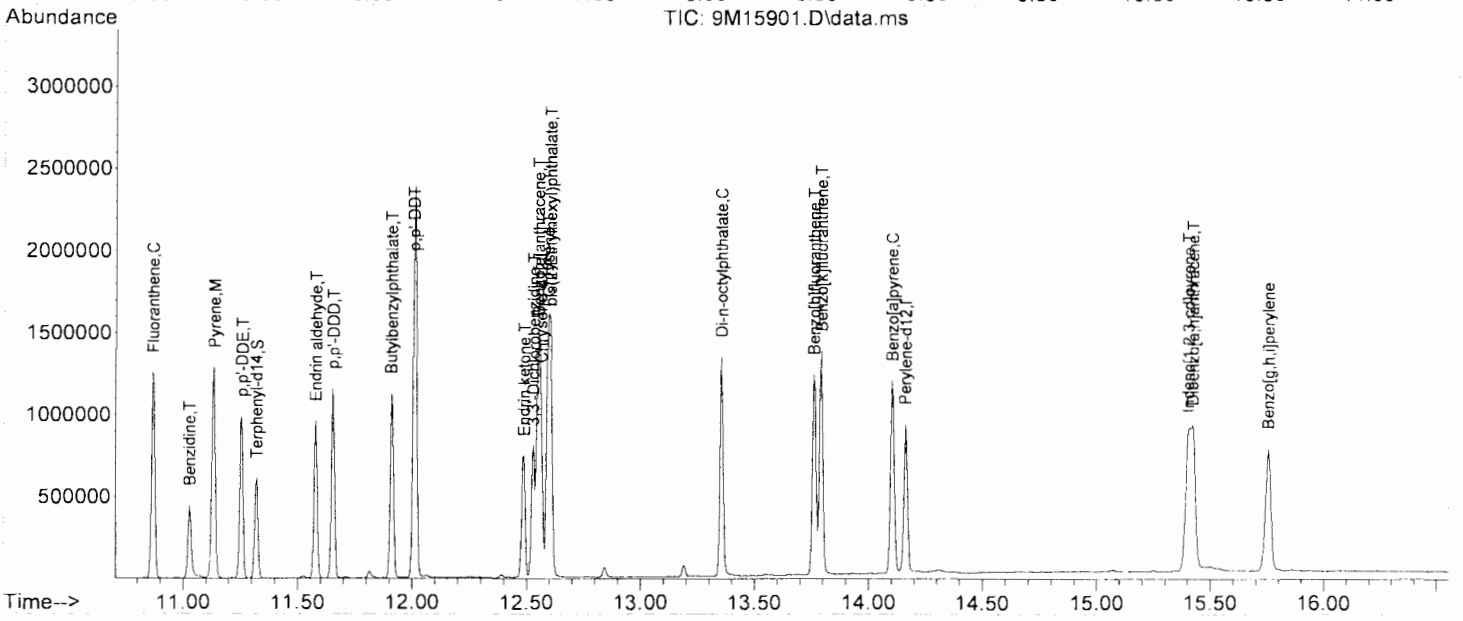
Data Path : G:\GcMsData\2009\GCMS_9\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.173	65	69488	60.82	ng	91
61)	2,3,4,6-Tetrachlorophenol	8.370	232	80523	54.51	ng	86
62)	Fluorene	8.579	166	319210	49.66	ng	100
63)	4-Chlorophenyl-phenyle...	8.574	204	147194	48.44	ng	85
64)	Diethylphthalate	8.456	149	313608	50.64	ng	98
65)	4-Nitroaniline	8.595	138	91153	52.84	ng	81
66)	Atrazine	9.216	200	92418	52.31	ng	97
68)	4,6-Dinitro-2-methylph...	8.622	198	58415	57.35	ng	100
69)	n-Nitrosodiphenylamine	8.686	169	275492	48.47	ng	99
71)	1,2-Diphenylhydrazine	8.723	77	347709	49.08	ng	91
72)	4-Bromophenyl-phenylether	9.055	248	86527	46.81	ng	85
73)	Hexachlorobenzene	9.119	284	87669	46.32	ng	66
74)	N-Octadecane	9.392	57	224271	50.73	ng	86
75)	Pentachlorophenol	9.317	266	55189	59.26	ng	98
76)	Phenanthrene	9.547	178	470549	47.69	ng	100
77)	Anthracene	9.606	178	474055	47.82	ng	99
78)	Carbazole	9.777	167	483954	50.10	ng	98
79)	Di-n-butylphthalate	10.157	149	559724	50.92	ng	98
80)	Fluoranthene	10.868	202	536473	49.49	ng	93
82)	Pyrene	11.136	202	567748	47.73	ng	87
83)	Benzidine	11.029	184	172772	50.62	ng	88
85)	p,p'-DDE	11.259	246	115147	48.02	ng	95
86)	Endrin	11.580	81	36559	57.42	ng	60
87)	p,p'-DDD	11.654	235	204119	48.37	ng	92
88)	Butylbenzylphthalate	11.911	149	270208	53.47	ng	80
89)	Endrin aldehyde	11.580	67	17617	44.83	ng	67
90)	p,p'-DDT	12.007	235	224085	53.87	ng	99
91)	Endrin ketone	12.489	317	21094	49.37	ng	97
92)	3,3'-Dichlorobenzidine	12.532	252	169985	64.78	ng	97
93)	Benzo[a]anthracene	12.553	228	544834	49.28	ng	99
94)	Chrysene	12.596	228	509221	48.15	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.607	149	365323	54.67	ng	95
97)	Di-n-octylphthalate	13.355	149	651780	48.16	ng	100
98)	Benzo[b]fluoranthene	13.762	252	515873	47.54	ng	96
99)	Benzo[k]fluoranthene	13.794	252	518297	47.65	ng	94
100)	Benzo[a]pyrene	14.104	252	503313	48.86	ng	94
101)	Indeno[1,2,3-cd]pyrene	15.404	276	534193	48.52	ng	88
102)	Dibenzo[a,h]anthracene	15.425	278	452938	49.53	ng	91
103)	Benzo[g,h,i]perylene	15.757	276	446205	48.72	ng	89

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


Abundance
TIC: 9M15901.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 9M15901.D
Acq On : 01/16/09 11:09
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 9M_0109.M
Qt On : 01/19/09 08:42
Qt Upd On: 01/08/09 11:40
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Aniline,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->


Abundance
TIC: 9M15901.D\data.ms
Isophorone,T
2-Nitrophenol,C
2,4-Dimethylphenol,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
4-Chloroaniline,T
Hexachlorobutadiene,C
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,T
Acenaphthene,C
2,4-Dinitrophenol,P
4-Nitrophenol,P
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
2,6-Dinitrotoluene,T
4-Chlorophenyl-phenylether,T
1,2-Diphenylhydrazine,C
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,M
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
p,p'-DDT
Terphenyl-d14,S
Time-->


Abundance
TIC: 9M15901.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Endrin ketone,T
3,3'-Dichlorobenzidine,T
Benzo[a]anthracene,T
Chrysene,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,S
Indeno[1,2,3-cd]pyrene,T
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene
Time-->

GC/MS Semi-Volatile Data
Raw QC Data

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 9
Data File: 9M15716.D
Analysis Date: 01/07/09 11:37
Method: EPA 8270C

Tune Scan/Time Range: Scan 1376

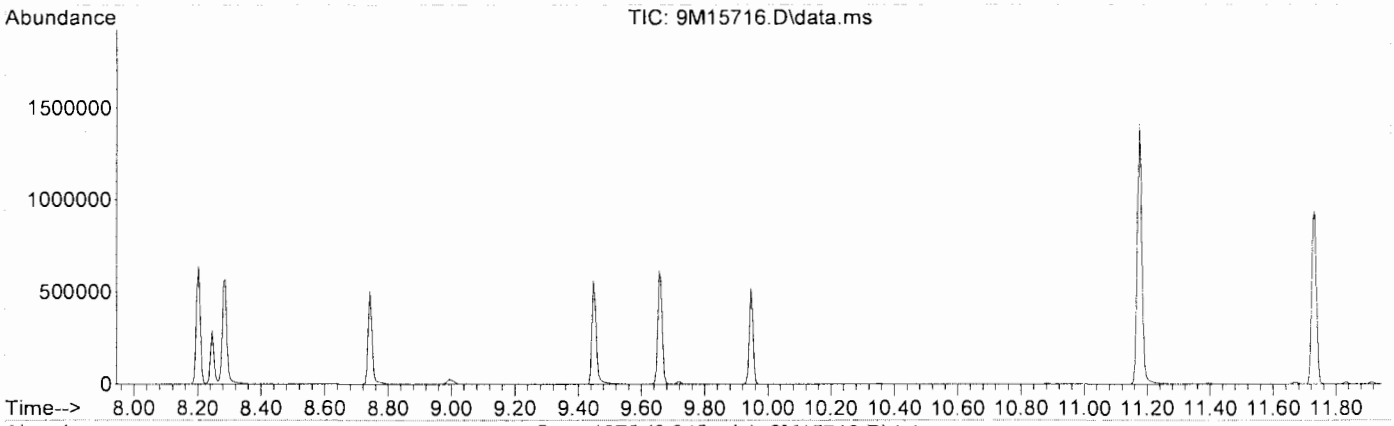
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	47.1	28096	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	52.7	31448	PASS
70	69	0.00	2	0.6	204	PASS
127	198	40	60	54.4	32504	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	59712	PASS
199	198	5	9	6.8	4089	PASS
275	198	10	30	22.2	13233	PASS
365	198	1	100	2.6	1559	PASS
441	443	0.01	100	71.4	4797	PASS
442	198	40	100	50.1	29912	PASS
443	442	17	23	22.5	6722	PASS

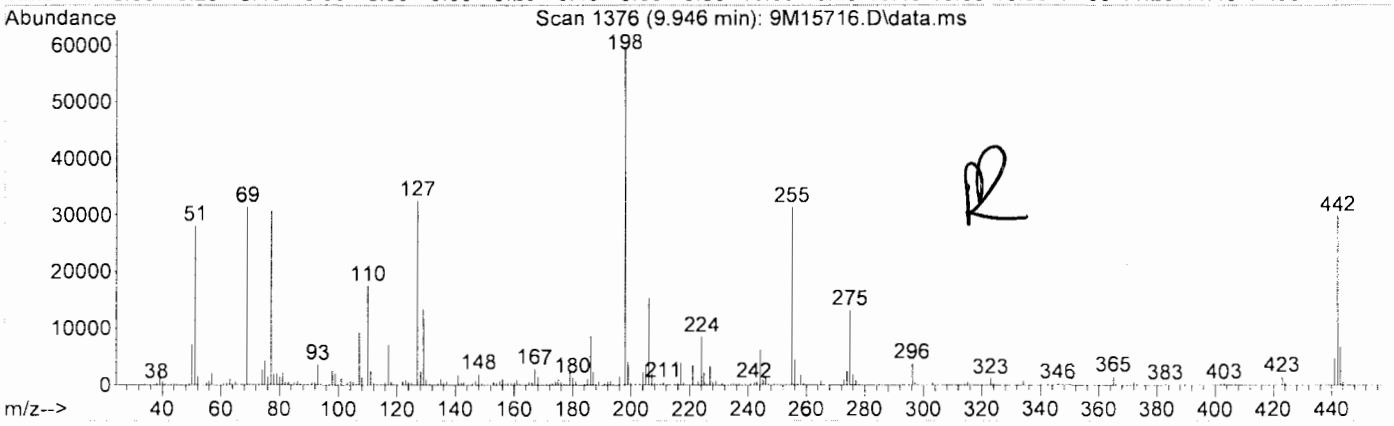
Data File	Sample Number	Analysis Date:
9M15717.D	CAL BNA@196PP	01/07/09 12:46
9M15718.D	CAL BNA@160PP	01/07/09 13:13
9M15719.D	CAL BNA@120PP	01/07/09 13:35
9M15720.D	CAL BNA@80PPM	01/07/09 13:58
9M15721.D	CAL BNA@50PPM	01/07/09 14:20
9M15722.D	CAL BNA@20PPM	01/07/09 14:43
9M15723.D	CAL BNA@10PPM	01/07/09 15:05
9M15724.D	CAL BNA@2PPM	01/07/09 15:28
9M15725.D	ICVBNA@50PPM	01/07/09 15:50
9M15726.D	TEST	01/07/09 16:54
9M15727.D	TEST(MS)	01/07/09 17:44
9M15728.D	WMB4015	01/07/09 18:07

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-07-09\
Data File : 9M15716.D
Acq On : 7 Jan 2009 11:37
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GcMsData\2009\GCMS_9\MethodQt\9M_0107.M
Title : @GCMS_9,mg,625,8270
Last Update : Thu Jan 08 11:40:52 2009





Spectrum Information: Scan 1376

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	47.1	28096	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	52.7	31448	PASS
70	69	0.00	2	0.6	204	PASS
127	198	40	60	54.4	32504	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	59712	PASS
199	198	5	9	6.8	4089	PASS
275	198	10	30	22.2	13233	PASS
365	198	1	100	2.6	1559	PASS
441	443	0.01	100	71.4	4797	PASS
442	198	40	100	50.1	29912	PASS
443	442	17	23	22.5	6722	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 10M02298.D
Instrument: GCMS 10 **Analysis Date:** 01/09/09 09:04
Method: EPA 8270C

Tune Scan/Time Range: Average of 10.023 to 10.034 min

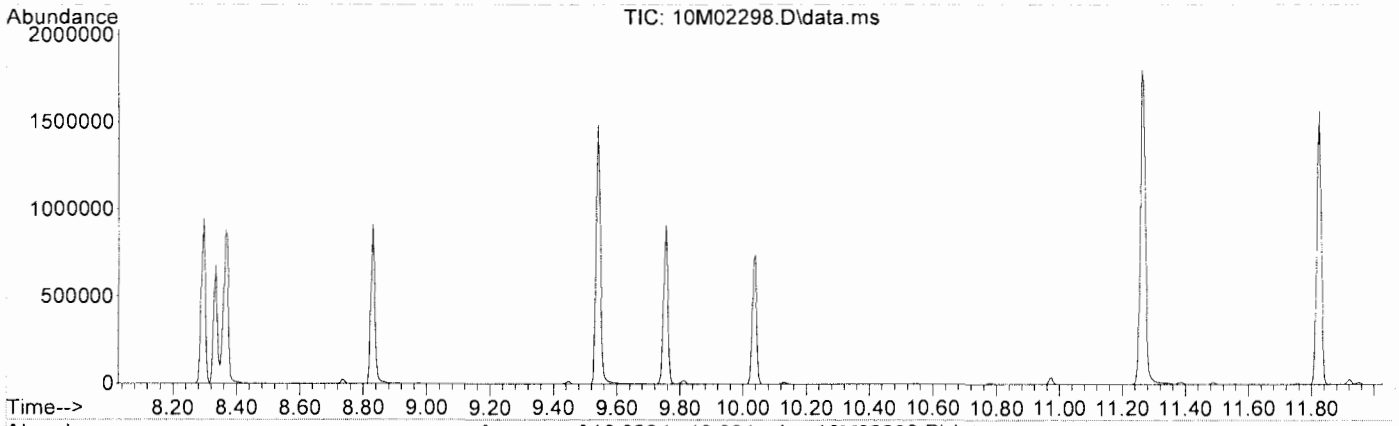
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	43.4	16685	PASS
68	69	0.00	2	0.3	65	PASS
69	198	0.00	100	52.8	20290	PASS
70	69	0.00	2	0.3	53	PASS
127	198	40	60	47.4	18236	PASS
197	198	0.00	1	0.8	290	PASS
198	198	100	100	100.0	38453	PASS
199	198	5	9	6.2	2394	PASS
275	198	10	30	27.5	10580	PASS
365	198	1	100	3.1	1185	PASS
441	443	0.01	100	85.9	4445	PASS
442	198	40	100	66.4	25518	PASS
443	442	17	23	20.3	5174	PASS

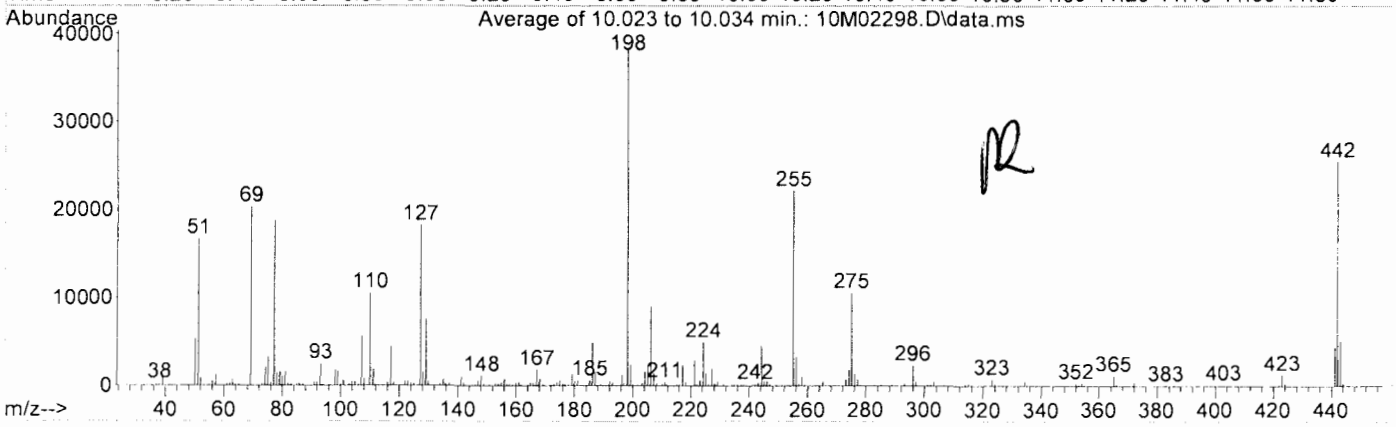
Data File	Sample Number	Analysis Date:
10M02299.D	CAL BNA@196PP	01/09/09 09:33
10M02300.D	CAL BNA@160PP	01/09/09 09:56
10M02301.D	CAL BNA@120PP	01/09/09 10:18
10M02302.D	CAL BNA@80PPM	01/09/09 10:41
10M02303.D	CAL BNA@50PPM	01/09/09 11:04
10M02304.D	CAL BNA@20PPM	01/09/09 11:27
10M02305.D	CAL BNA@10PPM	01/09/09 11:50
10M02306.D	CAL BNA@2PPM	01/09/09 12:13
10M02307.D	ICV BNA@50PPM	01/09/09 12:36
10M02308.D	WMB4019(MS)	01/09/09 14:10
10M02309.D	WMB4019	01/09/09 14:32
10M02310.D	WMB4018(MS)	01/09/09 14:55
10M02311.D	WMB4018	01/09/09 15:18
10M02312.D	AC41842-010	01/09/09 15:41
10M02313.D	AC42026-002(R)	01/09/09 16:27
10M02314.D	WMB4015(MS)	01/09/09 16:50
10M02315.D	WMB4015	01/09/09 17:12
10M02316.D	AC41930-008(T)	01/09/09 17:35
10M02317.D	AC42070-001	01/09/09 17:58
10M02318.D	AC42033-001	01/09/09 18:21
10M02319.D	AC42040-001	01/09/09 18:44
10M02320.D	AC42040-002	01/09/09 19:06
10M02321.D	AC42040-003	01/09/09 19:29
10M02322.D	AC42024-001(R)	01/09/09 19:52
10M02323.D	AC42024-002(R)	01/09/09 20:15
10M02324.D	AC42069-001(20X)	01/09/09 20:38

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Data File : 10M02298.D
Acq On : 9 Jan 2009 9:04
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0108.M
Title : @GCMS_10,mg,625,8270
Last Update : Thu Jan 08 11:37:16 2009





Spectrum Information: Average of 10.023 to 10.034 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	43.4	16685	PASS
68	69	0.00	2	0.3	65	PASS
69	198	0.00	100	52.8	20290	PASS
70	69	0.00	2	0.3	53	PASS
127	198	40	60	47.4	18236	PASS
197	198	0.00	1	0.8	290	PASS
198	198	100	100	100.0	38453	PASS
199	198	5	9	6.2	2394	PASS
275	198	10	30	27.5	10580	PASS
365	198	1	100	3.1	1185	PASS
441	443	0.01	100	85.9	4445	PASS
442	198	40	100	66.4	25518	PASS
443	442	17	23	20.3	5174	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 9
Data File: 9M15870.D
Analysis Date: 01/15/09 08:12
Method: EPA 8270C

Tune Scan/Time Range: Scan 1373

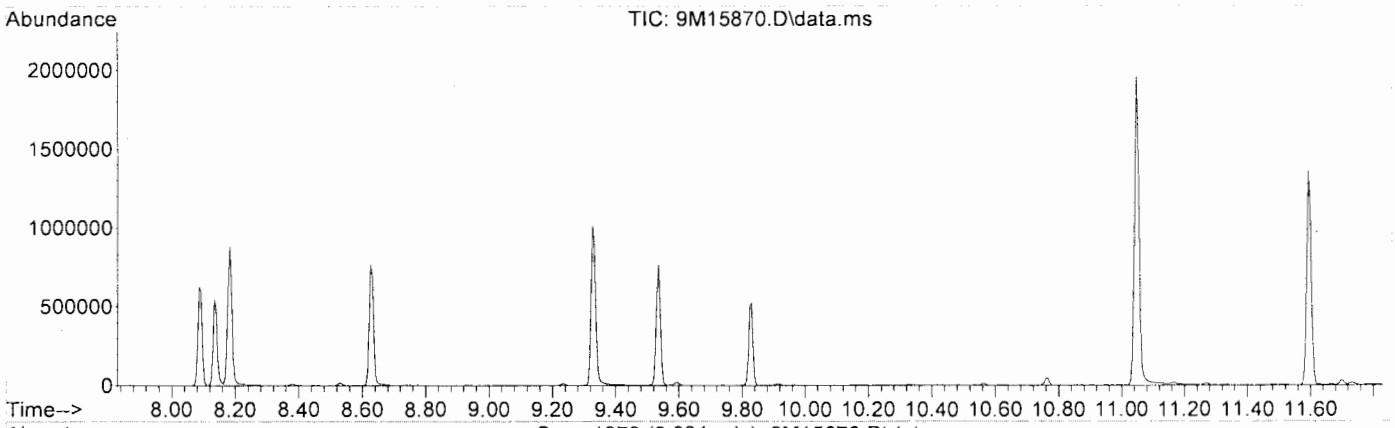
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	38.9	23560	PASS
68	69	0.00	2	1.9	484	PASS
69	198	0.00	100	43.0	26000	PASS
70	69	0.00	2	0.8	215	PASS
127	198	40	60	49.0	29624	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	60512	PASS
199	198	5	9	6.1	3703	PASS
275	198	10	30	24.5	14841	PASS
365	198	1	100	3.0	1798	PASS
441	443	0.01	100	73.7	6240	PASS
442	198	40	100	68.4	41368	PASS
443	442	17	23	20.5	8469	PASS

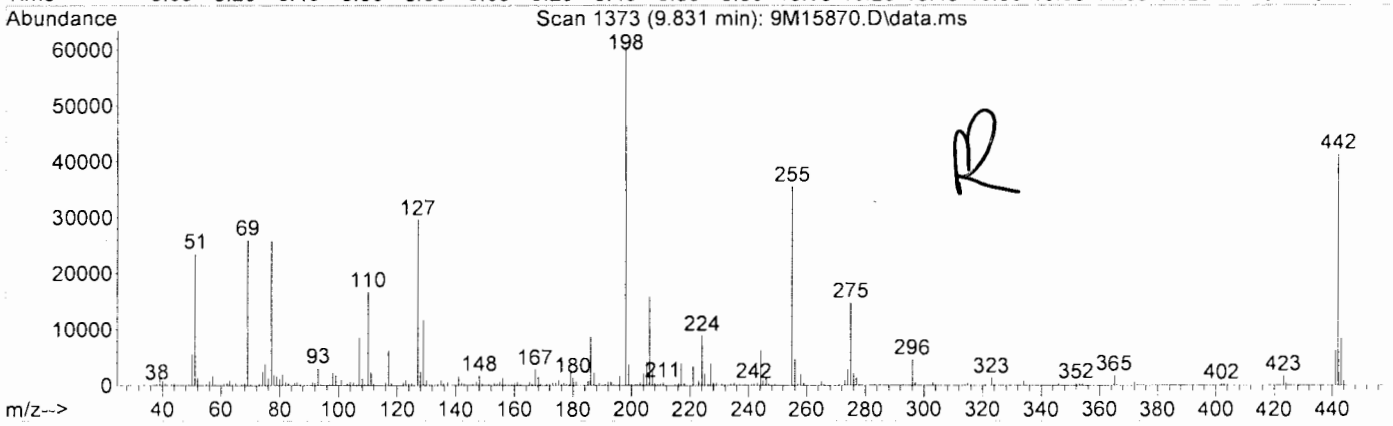
Data File	Sample Number	Analysis Date:
9M15871.D	BNA@50PPM	01/15/09 08:37
9M15872.D	CAL BNA@50PPM	01/15/09 09:03
9M15873.D	AC42137-002(MS)	01/15/09 09:25
9M15874.D	AC42118-002(20X)	01/15/09 09:47
9M15875.D	AC42138-001(5X)	01/15/09 10:09
9M15876.D	AC42110-041(5X)	01/15/09 10:32
9M15877.D	AC42110-022	01/15/09 10:54
9M15878.D	AC42110-016	01/15/09 11:16
9M15879.D	AC42110-015	01/15/09 11:38
9M15880.D	AC42138-004	01/15/09 12:00
9M15881.D	AC42138-001(25X)	01/15/09 12:23
9M15882.D	OMB1145(MS)	01/15/09 12:45
9M15883.D	OMB1145	01/15/09 13:07
9M15884.D	SMB4007(MS)	01/15/09 13:30
9M15885.D	SMB4007	01/15/09 13:52
9M15886.D	AC42118-002(20X)	01/15/09 14:14
9M15887.D	AC42110-041	01/15/09 14:36
9M15888.D	AC42110-018	01/15/09 15:05
9M15889.D	AC42110-018(MS)	01/15/09 15:27
9M15890.D	AC42110-018(MSD	01/15/09 15:49
9M15891.D	AC42110-001	01/15/09 16:12
9M15892.D	AC42110-002(20X)	01/15/09 16:34
9M15893.D	AC42110-011	01/15/09 16:56
9M15894.D	AC42110-005	01/15/09 17:18
9M15895.D	AC42110-019	01/15/09 17:41
9M15896.D	AC42110-017	01/15/09 18:03
9M15897.D	AC42110-007	01/15/09 18:25
9M15898.D	AC42110-009	01/15/09 18:47
9M15899.D	AC42012-009	01/15/09 19:09

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-15-09\
Data File : 9M15870.D
Acq On : 15 Jan 2009 8:12
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_9\METHODQT\9M_0109.M
Title : @GCMS_9,mg,625,8270
Last Update : Thu Jan 08 11:40:52 2009





Spectrum Information: Scan 1373

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	38.9	23560	PASS
68	69	0.00	2	1.9	484	PASS
69	198	0.00	100	43.0	26000	PASS
70	69	0.00	2	0.8	215	PASS
127	198	40	60	49.0	29624	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	60512	PASS
199	198	5	9	6.1	3703	PASS
275	198	10	30	24.5	14841	PASS
365	198	1	100	3.0	1798	PASS
441	443	0.01	100	73.7	6240	PASS
442	198	40	100	68.4	41368	PASS
443	442	17	23	20.5	8469	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 10
Data File: 10M02392.D
Analysis Date: 01/15/09 08:12
Method: EPA 8270C

Tune Scan/Time Range: Scan 1433

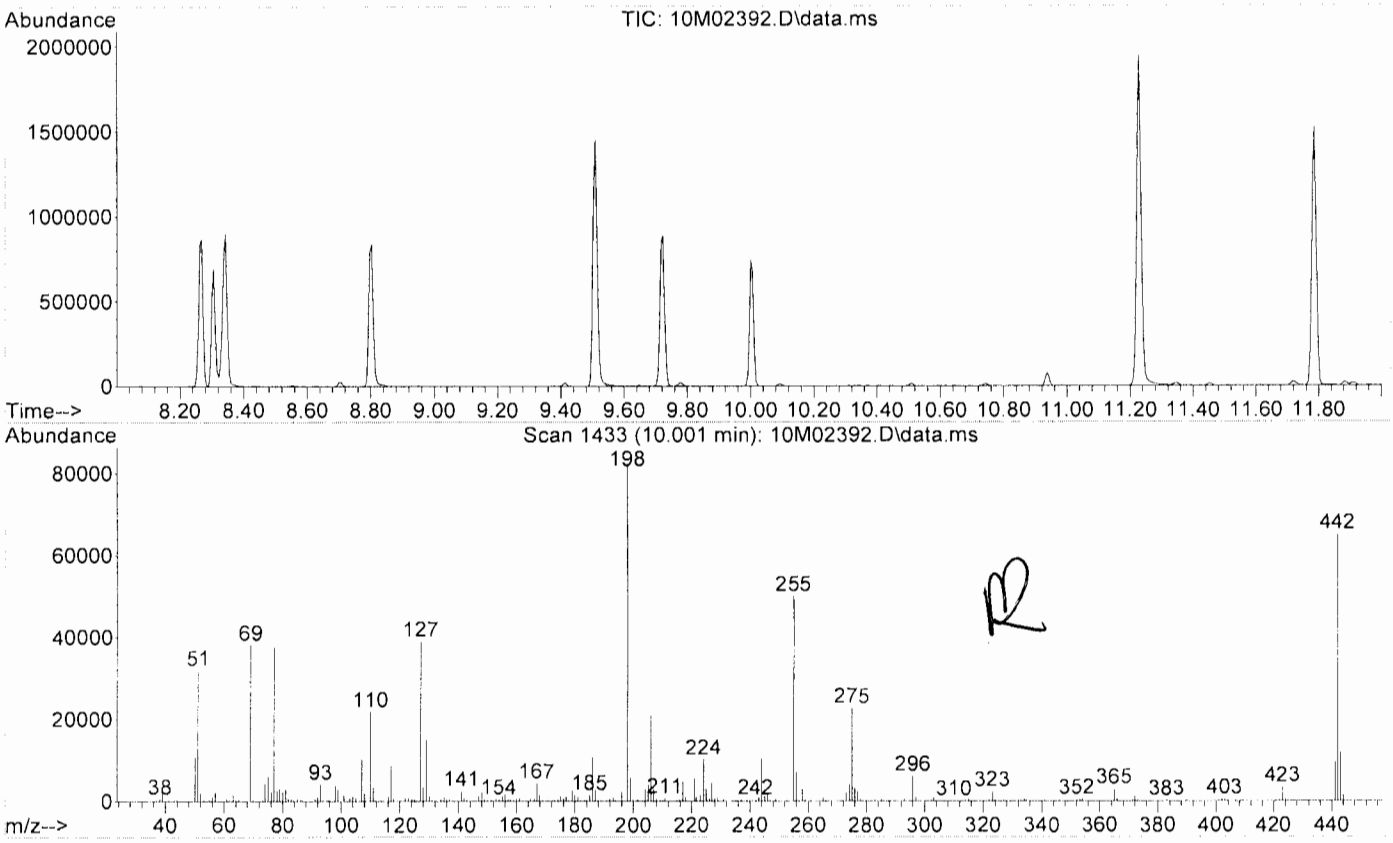
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	38.9	32024	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.4	38224	PASS
70	69	0.00	2	0.7	286	PASS
127	198	40	60	47.4	39016	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	82368	PASS
199	198	5	9	7.0	5756	PASS
275	198	10	30	27.6	22760	PASS
365	198	1	100	3.6	2965	PASS
441	443	0.01	100	81.0	9527	PASS
442	198	40	100	79.0	65056	PASS
443	442	17	23	18.1	11762	PASS

Data File	Sample Number	Analysis Date:
10M02393.D	CAL BNA@50PPM	01/15/09 08:37
10M02394.D	WMB4022	01/15/09 09:01
10M02395.D	WMB4022(MS)	01/15/09 09:24
10M02396.D	AC42118-002(T)	01/15/09 09:47
10M02397.D	AC42118-004(T)	01/15/09 10:09
10M02398.D	AC42118-004(T)(M	01/15/09 10:32
10M02399.D	AC42118-004(T)(M	01/15/09 10:55
10M02400.D	AC42108-006(10X)	01/15/09 11:18
10M02401.D	AC42118-006(T)	01/15/09 11:41
10M02402.D	AC42118-008(T)	01/15/09 12:03
10M02403.D	AC42118-010(T)	01/15/09 12:26
10M02404.D	AC42118-012(T)	01/15/09 12:49
10M02405.D	AC42116-002(T)	01/15/09 13:11
10M02406.D	AC42123-006	01/15/09 13:34
10M02407.D	AC42051-004(T)(R	01/15/09 13:57
10M02408.D	AC42094-002(R)	01/15/09 14:20
10M02409.D	AC42094-007(R)	01/15/09 14:42
10M02410.D	AC42094-006(R)	01/15/09 15:05
10M02411.D	AC42126-001	01/15/09 15:28
10M02412.D	AC42124-001	01/15/09 15:51

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-15-09\
Data File : 10M02392.D
Acq On : 15 Jan 2009 8:12
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0109.M
Title : @GCMS_10,mg,625,8270
Last Update : Tue Jan 27 15:28:49 2009



Spectrum Information: Scan 1433

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	38.9	32024	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.4	38224	PASS
70	69	0.00	2	0.7	286	PASS
127	198	40	60	47.4	39016	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	82368	PASS
199	198	5	9	7.0	5756	PASS
275	198	10	30	27.6	22760	PASS
365	198	1	100	3.6	2965	PASS
441	443	0.01	100	81.0	9527	PASS
442	198	40	100	79.0	65056	PASS
443	442	17	23	18.1	11762	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 10
Data File: 10M02413.D
Analysis Date: 01/16/09 09:43
Method: EPA 8270C

Tune Scan/Time Range: Scan 1432

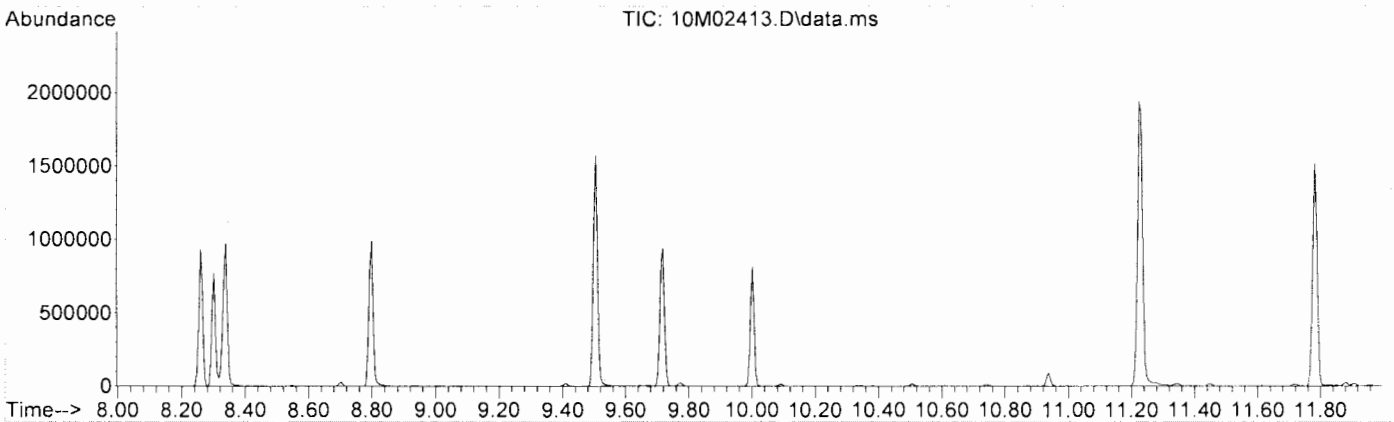
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	44.6	28312	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	52.5	33344	PASS
70	69	0.00	2	0.8	276	PASS
127	198	40	60	51.0	32416	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	63520	PASS
199	198	5	9	7.2	4595	PASS
275	198	10	30	27.0	17168	PASS
365	198	1	100	3.5	2223	PASS
441	443	0.01	100	86.6	6317	PASS
442	198	40	100	65.3	41496	PASS
443	442	17	23	17.6	7298	PASS

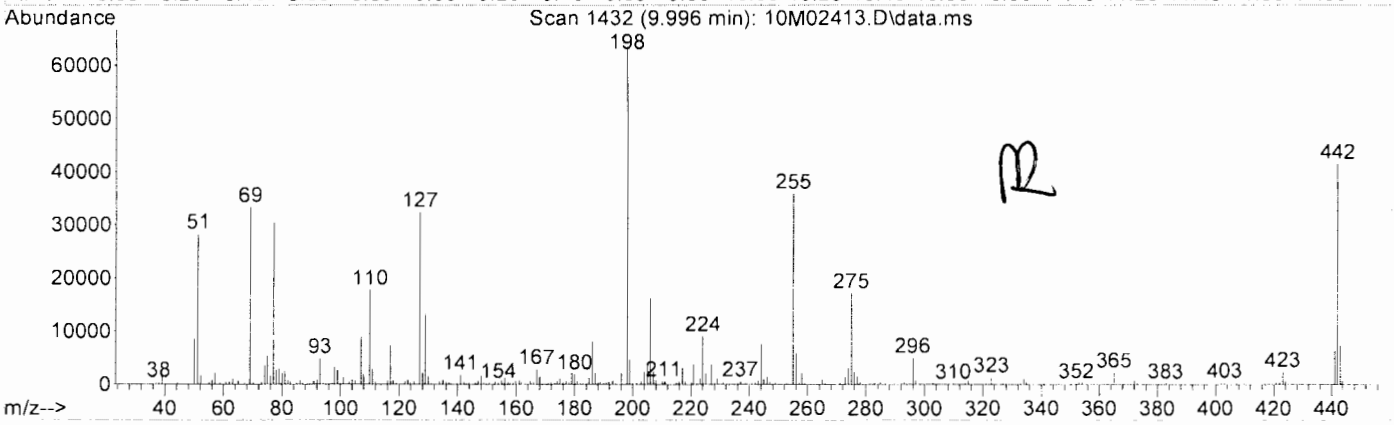
Data File	Sample Number	Analysis Date:
10M02414.D	CAL BNA@50PPM	01/16/09 10:44
10M02415.D	WMB4023	01/16/09 11:09
10M02416.D	WMB4023(MS)	01/16/09 11:32
10M02417.D	AC42143-001(T)	01/16/09 11:55
10M02418.D	AC42144-009	01/16/09 12:17
10M02419.D	AC42144-011	01/16/09 12:40
10M02420.D	AC42148-005	01/16/09 13:02
10M02421.D	AC42148-006	01/16/09 13:25
10M02422.D	AC42148-008	01/16/09 13:48
10M02423.D	AC42144-013	01/16/09 14:10
10M02424.D	AC42144-014	01/16/09 14:33
10M02425.D	WMB4024(MS)	01/16/09 14:56
10M02426.D	WMB4024	01/16/09 15:18
10M02427.D	AC42148-005(3X)	01/16/09 15:41
10M02428.D	AC42148-006(3X)	01/16/09 16:04
10M02429.D	AC42148-009	01/16/09 16:27
10M02430.D	AC42148-011	01/16/09 16:49
10M02431.D	AC42140-001	01/16/09 17:12
10M02432.D	AC42140-001(MS)	01/16/09 17:35
10M02433.D	AC42140-001(MSD	01/16/09 17:58
10M02434.D	AC42148-010	01/16/09 18:20
10M02435.D	AC42148-008(3X)	01/16/09 18:43
10M02436.D	AC42169-003	01/16/09 19:06
10M02437.D	AC42169-007	01/16/09 19:29
10M02438.D	AC42157-015	01/16/09 19:51
10M02439.D	AC42150-001	01/16/09 20:14
10M02440.D	AC42140-002	01/16/09 20:37

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-16-09\
Data File : 10M02413.D
Acq On : 16 Jan 2009 9:43
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: PEST1.E

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10m_EVAL.M
Title : @GCMS_10
Last Update : Tue Jan 27 09:18:51 2009





Spectrum Information: Scan 1432

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	44.6	28312	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	52.5	33344	PASS
70	69	0.00	2	0.8	276	PASS
127	198	40	60	51.0	32416	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	63520	PASS
199	198	5	9	7.2	4595	PASS
275	198	10	30	27.0	17168	PASS
365	198	1	100	3.5	2223	PASS
441	443	0.01	100	86.6	6317	PASS
442	198	40	100	65.3	41496	PASS
443	442	17	23	17.6	7298	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 9
Data File: 9M15900.D
Analysis Date: 01/16/09 09:44
Method: EPA 8270C

Tune Scan/Time Range: Scan 1369

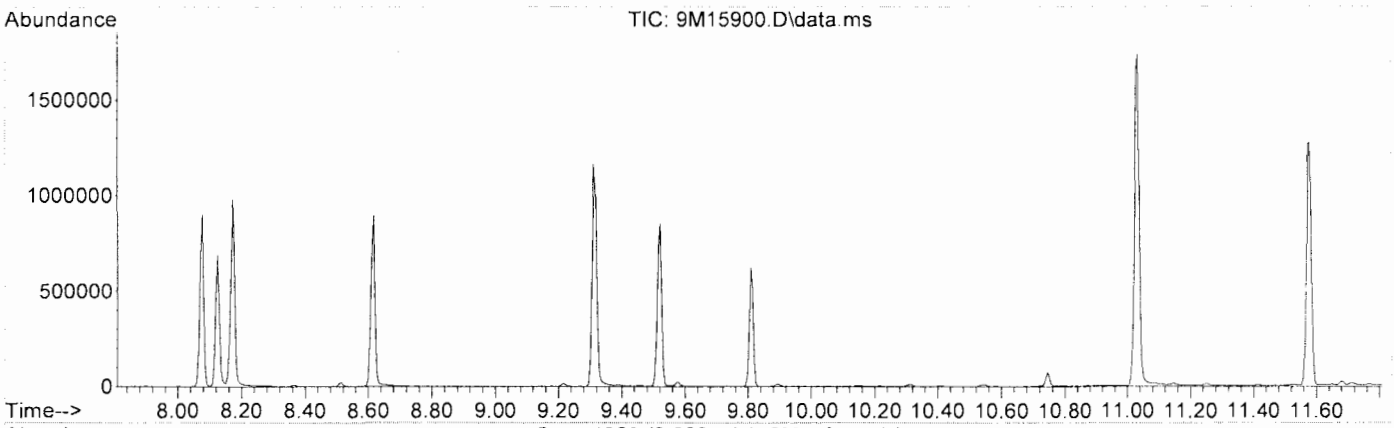
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	49.4	34888	PASS
68	69	0.00	2	2.0	723	PASS
69	198	0.00	100	52.1	36784	PASS
70	69	0.00	2	1.0	356	PASS
127	198	40	60	53.7	37920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	70584	PASS
199	198	5	9	7.0	4952	PASS
275	198	10	30	22.1	15581	PASS
365	198	1	100	2.1	1477	PASS
441	443	0.01	100	67.9	5066	PASS
442	198	40	100	47.8	33704	PASS
443	442	17	23	22.1	7465	PASS

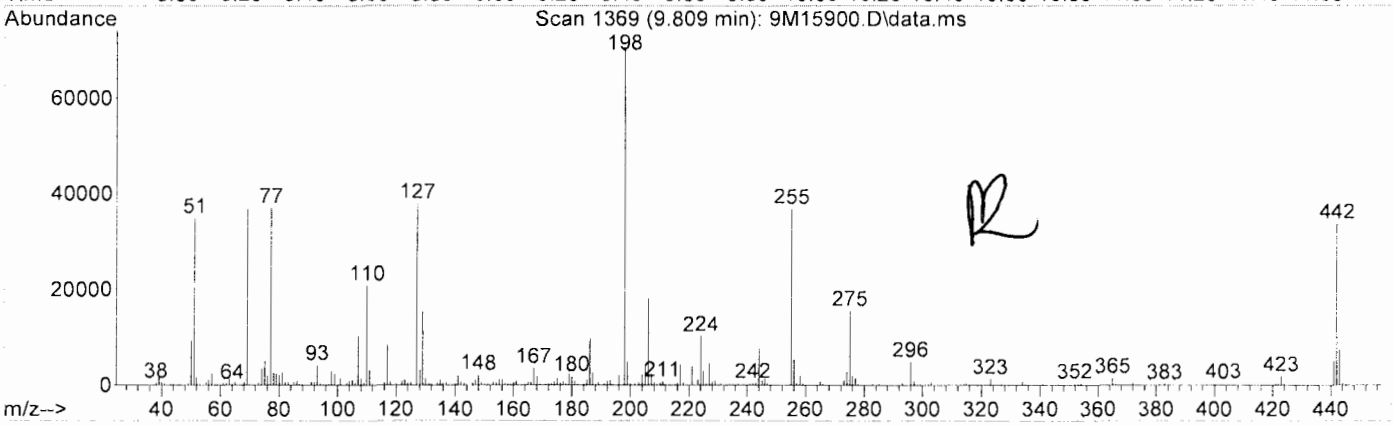
Data File	Sample Number	Analysis Date:
9M15901.D	CAL BNA@50PPM	01/16/09 11:09
9M15902.D	SMB4008	01/16/09 11:32
9M15903.D	SMB4008(MS)	01/16/09 11:54
9M15904.D	AC42183-002(2X)	01/16/09 12:16
9M15905.D	AC42012-009(10X)	01/16/09 12:38
9M15906.D	AC42110-002(3X)	01/16/09 13:00
9M15907.D	AC42110-005	01/16/09 13:22
9M15908.D	AC42183-004(2X)	01/16/09 13:45
9M15909.D	AC42183-006(2X)	01/16/09 14:07
9M15910.D	AC42183-008(2X)	01/16/09 14:29
9M15911.D	AC42183-010(2X)	01/16/09 14:51
9M15912.D	AC42183-012(2X)	01/16/09 15:13
9M15913.D	SMB4009(MS)	01/16/09 15:36
9M15914.D	SMB4009	01/16/09 15:58
9M15915.D	AC42125-004	01/16/09 16:20
9M15916.D	AC42125-004(MS)	01/16/09 16:42
9M15917.D	AC42125-004(MSD	01/16/09 17:04
9M15918.D	AC42183-014(2X)	01/16/09 17:27
9M15919.D	AC42176-001	01/16/09 17:49
9M15920.D	AC42176-002	01/16/09 18:11
9M15921.D	AC42176-003	01/16/09 18:33
9M15922.D	AC42176-004	01/16/09 18:55
9M15923.D	AC42169-001	01/16/09 19:17
9M15924.D	AC42169-005	01/16/09 19:40
9M15925.D	AC42144-001	01/16/09 20:02
9M15926.D	AC42144-002	01/16/09 20:24
9M15927.D	AC42170-001	01/16/09 20:46
9M15928.D	AC42170-002	01/16/09 21:09
9M15929.D	AC42170-003	01/16/09 21:31

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-16-09\
Data File : 9M15900.D
Acq On : 16 Jan 2009 9:44
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_9\METHODQT\9M_0109.M
Title : @GCMS_9,mg,625,8270
Last Update : Thu Jan 08 11:40:52 2009





Spectrum Information: Scan 1369

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	49.4	34888	PASS
68	69	0.00	2	2.0	723	PASS
69	198	0.00	100	52.1	36784	PASS
70	69	0.00	2	1.0	356	PASS
127	198	40	60	53.7	37920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	70584	PASS
199	198	5	9	7.0	4952	PASS
275	198	10	30	22.1	15581	PASS
365	198	1	100	2.1	1477	PASS
441	443	0.01	100	67.9	5066	PASS
442	198	40	100	47.8	33704	PASS
443	442	17	23	22.1	7465	PASS

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB4024
Client Id:
Data File: 10M02426.D
Analysis Date: 01/16/09 15:18
Date Rec/Extracted: NA-01/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 107161

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

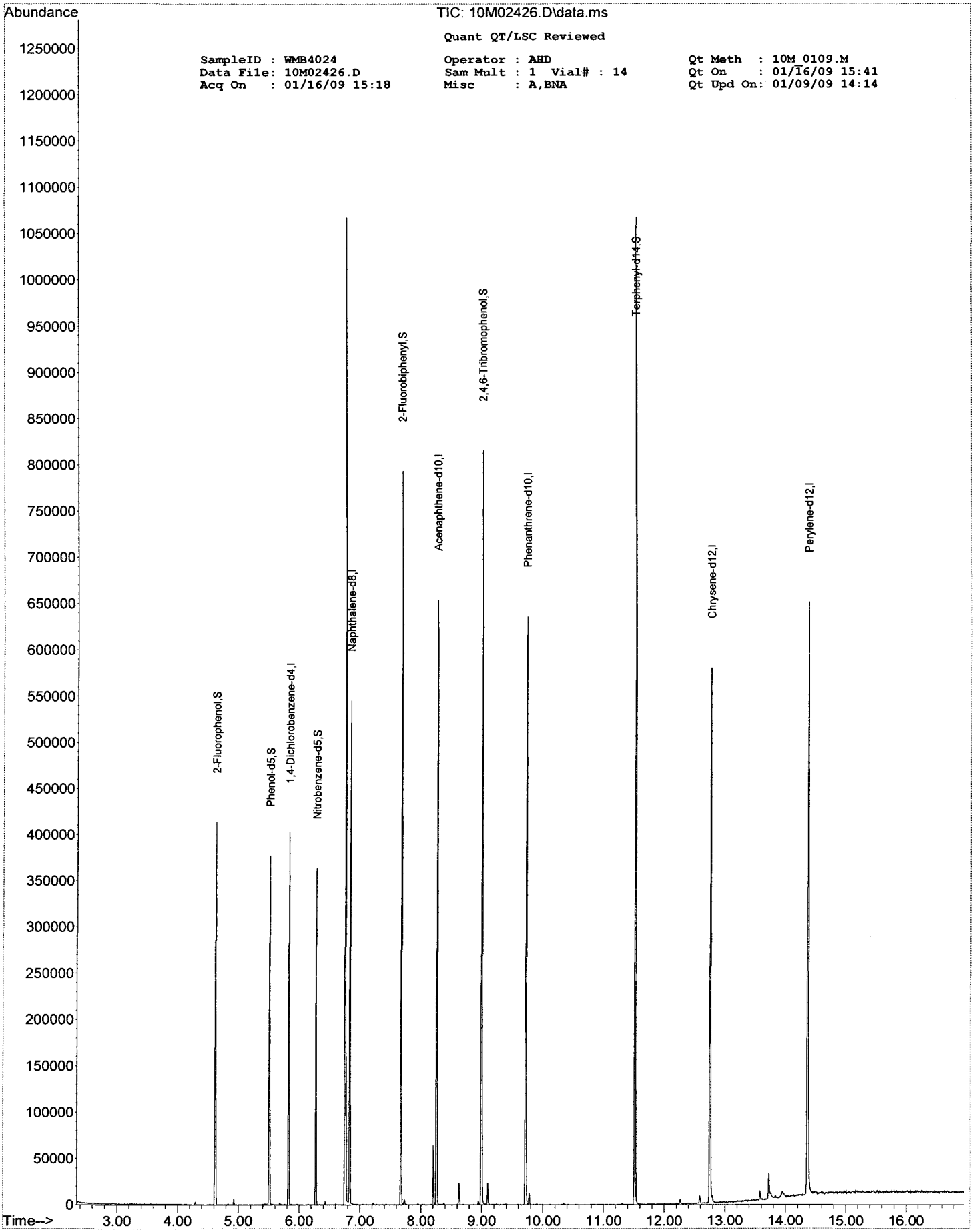
Quantitation Report (QT/LSC Reviewed)

SampleID : WMB4024 Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02426.D Sam Mult : 1 Vial# : 14 Qt On : 01/16/09 15:41
Acq On : 01/16/09 15:18 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.824	152	54937	40.00	ng	-0.04
23) Naphthalene-d8	6.835	136	215904	40.00	ng	-0.03
41) Acenaphthene-d10	8.258	164	132724	40.00	ng	-0.04
67) Phenanthrene-d10	9.718	188	231869	40.00	ng	-0.03
81) Chrysene-d12	12.756	240	249956	40.00	ng	-0.04
96) Perylene-d12	14.366	264	279423	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	4.621	112	99353	63.03	ng	-0.04
Spiked Amount 100.000			Recovery = 63.03%			
9) Phenol-d5	5.503	99	103252	47.55	ng	-0.03
Spiked Amount 100.000			Recovery = 47.55%			
24) Nitrobenzene-d5	6.274	128	41903	45.10	ng	-0.03
Spiked Amount 50.000			Recovery = 90.20%			
46) 2-Fluorobiphenyl	7.670	172	227358	46.45	ng	-0.04
Spiked Amount 50.000			Recovery = 92.90%			
70) 2,4,6-Tribromophenol	8.996	330	104782	107.31	ng	-0.03
Spiked Amount 100.000			Recovery = 107.31%			
84) Terphenyl-d14	11.515	244	407858	56.60	ng	-0.04
Spiked Amount 50.000			Recovery = 113.20%			
Target Compounds						Qvalue

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


Abundance
TIC: 10M02426.D\data.ms
Quant QT/LSC Reviewed
SampleID : WMB4024
Data File: 10M02426.D
Acq On : 01/16/09 15:18
Operator : AHD
Sam Mult : 1 Vial# : 14
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/16/09 15:41
Qt Upd On: 01/09/09 14:14
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB4008
Client Id:
Data File: 9M15902.D
Analysis Date: 01/16/09 11:32
Date Rec/Extracted: NA-01/15/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.067	U	191-24-2	Benzo[g,h,i]perylene	0.067	U
122-66-7	1,2-Diphenylhydrazine	0.067	U	207-08-9	Benzo[k]fluoranthene	0.067	U
95-95-4	2,4,5-Trichlorophenol	0.067	U	65-85-0	Benzoic Acid	0.33	U
88-06-2	2,4,6-Trichlorophenol	0.067	U	111-91-1	bis(2-Chloroethoxy)methan	0.067	U
120-83-2	2,4-Dichlorophenol	0.067	U	111-44-4	bis(2-Chloroethyl)ether	0.067	U
105-67-9	2,4-Dimethylphenol	0.067	U	108-60-1	bis(2-chloroisopropyl)ether	0.067	U
51-28-5	2,4-Dinitrophenol	0.33	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.067	U
121-14-2	2,4-Dinitrotoluene	0.067	U	85-68-7	Butylbenzylphthalate	0.067	U
606-20-2	2,6-Dinitrotoluene	0.067	U	86-74-8	Carbazole	0.067	U
91-58-7	2-Chloronaphthalene	0.067	U	218-01-9	Chrysene	0.067	U
95-57-8	2-Chlorophenol	0.067	U	53-70-3	Dibenzo[a,h]anthracene	0.067	U
91-57-6	2-Methylnaphthalene	0.067	U	132-64-9	Dibenzofuran	0.067	U
95-48-7	2-Methylphenol	0.067	U	84-66-2	Diethylphthalate	0.067	U
88-74-4	2-Nitroaniline	0.067	U	131-11-3	Dimethylphthalate	0.067	U
88-75-5	2-Nitrophenol	0.067	U	84-74-2	Di-n-butylphthalate	0.067	U
106-44-5	3&4-Methylphenol	0.067	U	117-84-0	Di-n-octylphthalate	0.067	U
91-94-1	3,3'-Dichlorobenzidine	0.067	U	206-44-0	Fluoranthene	0.067	U
99-09-2	3-Nitroaniline	0.067	U	86-73-7	Fluorene	0.067	U
534-52-1	4,6-Dinitro-2-methylphenol	0.33	U	118-74-1	Hexachlorobenzene	0.067	U
101-55-3	4-Bromophenyl-phenylether	0.067	U	87-68-3	Hexachlorobutadiene	0.067	U
59-50-7	4-Chloro-3-methylphenol	0.067	U	77-47-4	Hexachlorocyclopentadiene	0.067	U
106-47-8	4-Chloroaniline	0.067	U	67-72-1	Hexachloroethane	0.067	U
7005-72-3	4-Chlorophenyl-phenylether	0.067	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.067	U
100-01-6	4-Nitroaniline	0.067	U	78-59-1	Isophorone	0.067	U
100-02-7	4-Nitrophenol	0.067	U	91-20-3	Naphthalene	0.067	U
83-32-9	Acenaphthene	0.067	U	98-95-3	Nitrobenzene	0.067	U
208-96-8	Acenaphthylene	0.067	U	62-75-9	N-Nitrosodimethylamine	0.067	U
62-53-3	Aniline	0.067	U	621-64-7	N-Nitroso-di-n-propylamine	0.067	U
120-12-7	Anthracene	0.067	U	86-30-6	n-Nitrosodiphenylamine	0.067	U
92-87-5	Benzidine	0.33	U	87-86-5	Pentachlorophenol	0.67	U
56-55-3	Benzo[a]anthracene	0.067	U	85-01-8	Phenanthrene	0.067	U
50-32-8	Benzo[a]pyrene	0.067	U	108-95-2	Phenol	0.067	U
205-99-2	Benzo[b]fluoranthene	0.067	U	129-00-0	Pyrene	0.067	U

Worksheet #: 107161

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

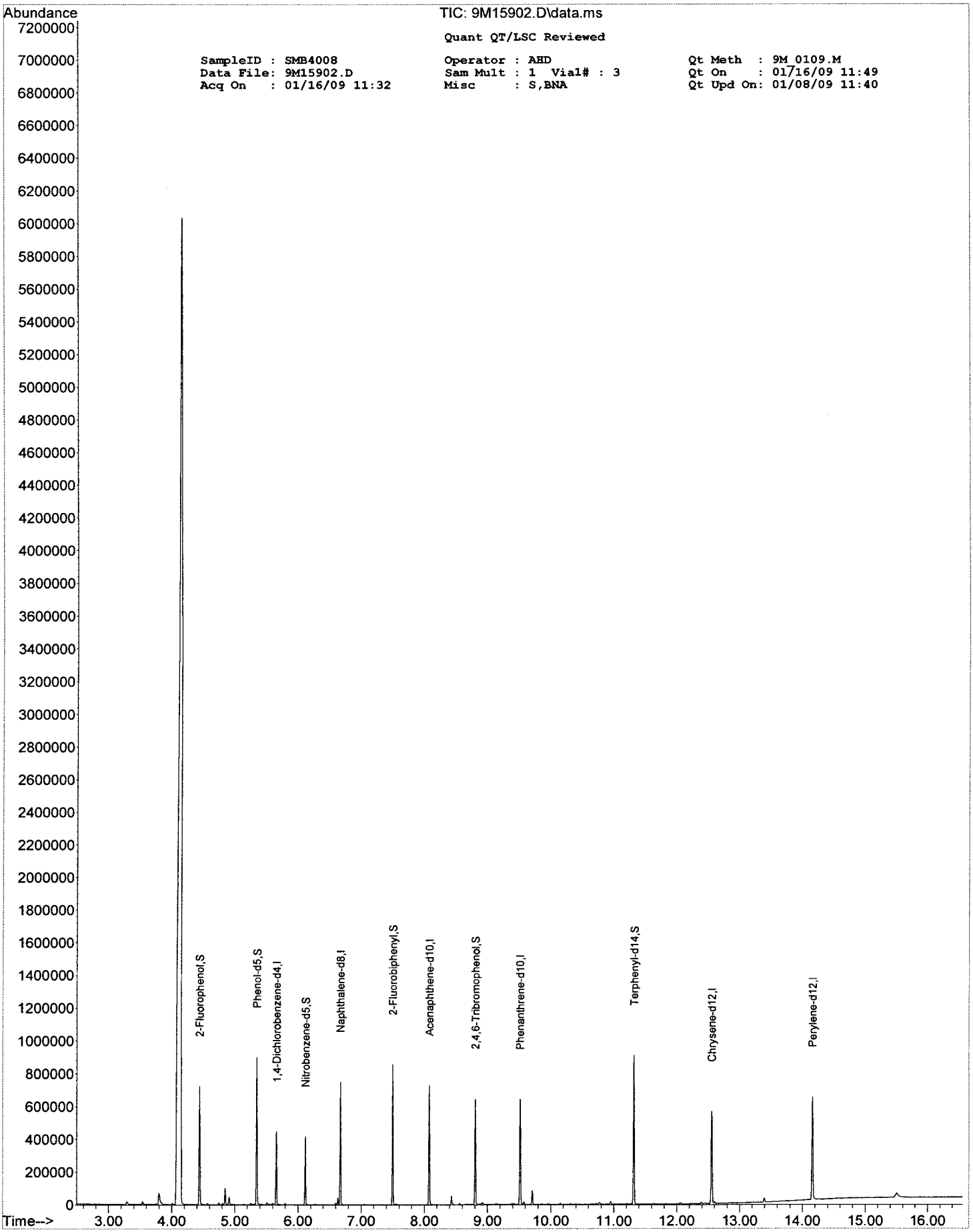
Quantitation Report (QT/LSC Reviewed)

SampleID : SMB4008 Operator : AHD Qt Meth : 9M_0109.M
Data File: 9M15902.D Sam Mult : 1 Vial# : 3 Qt On : 01/16/09 11:49
Acq On : 01/16/09 11:32 Misc : S,BNA Qt Upd On: 01/08/09 11:40

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.659	152	60507	40.00	ng	-0.07
23) Naphthalene-d8	6.670	136	248739	40.00	ng	-0.07
41) Acenaphthene-d10	8.076	164	142674	40.00	ng	-0.09
67) Phenanthrene-d10	9.515	188	229645	40.00	ng	-0.10
81) Chrysene-d12	12.553	240	218762	40.00	ng	-0.11
96) Perylene-d12	14.158	264	210440	40.00	ng	-0.12
System Monitoring Compounds						
4) 2-Fluorophenol	4.439	112	169469	85.03	ng	-0.08
Spiked Amount 100.000			Recovery = 85.03%			
9) Phenol-d5	5.348	99	245180	84.94	ng	-0.07
Spiked Amount 100.000			Recovery = 84.94%			
24) Nitrobenzene-d5	6.113	128	46952	41.32	ng	-0.07
Spiked Amount 50.000			Recovery = 82.64%			
46) 2-Fluorobiphenyl	7.499	172	205781	42.10	ng	-0.08
Spiked Amount 50.000			Recovery = 84.20%			
70) 2,4,6-Tribromophenol	8.804	330	52867	90.96	ng	-0.10
Spiked Amount 100.000			Recovery = 90.96%			
84) Terphenyl-d14	11.318	244	286404	50.55	ng	-0.10
Spiked Amount 50.000			Recovery = 101.10%			
Target Compounds						Qvalue

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


Abundance
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Quant QT/LSC Reviewed
SampleID : SMB4008
Data File: 9M15902.D
Acq On : 01/16/09 11:32
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : S,BNA
Qt Meth : 9M_0109.M
Qt On : 01/16/09 11:49
Qt Upd On: 01/08/09 11:40
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form3

MBS Data

Method: 8270

Data File:==>					9M15903.D			10M02425.D											
Data/Batch/Sample ID:==>					SMB4008(MS)			WMB4024(MS)											
Date/Time:==>					01/16/09 11:54			01/16/09 14:56											
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,2,4-Trichlorobenz	40-129	52-120	1	0	37.26	50	75	80.46	100	80									
1,4-Dichlorobenzen	26-128	52-110	1	0	37.08	50	74	76.9	100	77									
2,4-Dimethylphenol	47-135	54-122	1	0	85.57	100	86	83.99	100	84									
2,4-Dinitrotoluene	30-139	64-120	1	0	43.23	50	86	99.3	100	99									
2-Chlorophenol	43-131	64-108	1	0	78.97	100	79	82.94	100	83									
2-Methylphenol	40-137	58-113	1	0	79.33	100	79	83.44	100	83									
4-Chloro-3-methylph	45-142	71-119	1	0	86.41	100	86	96.86	100	97									
4-Nitrophenol	35-146	35-116	1	0	100.4	100	100	52.7	100	53									
Acenaphthene	47-137	75-110	1	0	41.77	50	84	88.4	100	88									
Butylbenzylphthalat	45-157	66-127	1	0	49.38	50	99	95.02	100	95									
Fluorene	42-135	73-113	1	0	41.43	50	83	91.67	100	92									
Naphthalene	44-132	61-116	1	0	39.86	50	80	84.4	100	84									
N-Nitroso-di-n-propy	23-147	49-118	1	0	41.02	50	82	94.19	100	94									
Pentachlorophenol	38-132	76-140	1	0	98.66	100	99	97.17	100	97									
Phenol	35-130	32-98	1	0	74.23	100	74	46.28	100	46									
Pyrene	45-167	76-118	1	0	44.08	50	88	89.94	100	90									

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

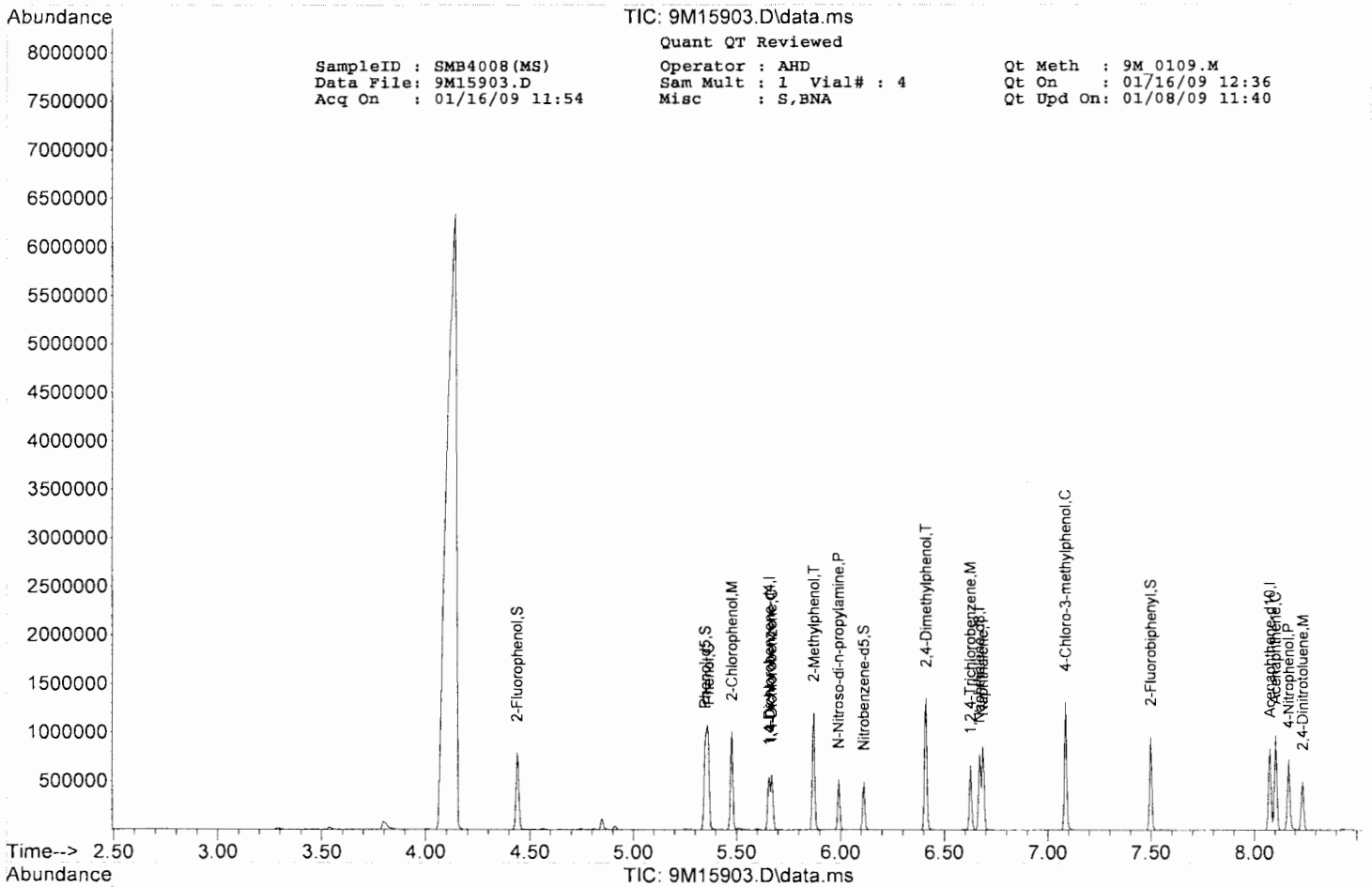
Quantitation Report (QT Reviewed)

SampleID : SMB4008(MS) Operator : AHD Qt Meth : 9M_0109.M
Data File: 9M15903.D Sam Mult : 1 Vial# : 4 Qt On : 01/16/09 12:36
Acq On : 01/16/09 11:54 Misc : S,BNA Qt Upd On: 01/08/09 11:40

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.658	152	68147	40.00	ng	-0.08
23) Naphthalene-d8	6.669	136	271664	40.00	ng	-0.08
41) Acenaphthene-d10	8.076	164	156520	40.00	ng	-0.09
67) Phenanthrene-d10	9.520	188	250936	40.00	ng	-0.10
81) Chrysene-d12	12.553	240	241604	40.00	ng	-0.11
96) Perylene-d12	14.157	264	225565	40.00	ng	-0.12
System Monitoring Compounds						
4) 2-Fluorophenol	4.439	112	190568	84.90	ng	-0.08
Spiked Amount 100.000			Recovery =	84.90%		
9) Phenol-d5	5.348	99	273302	84.07	ng	-0.07
Spiked Amount 100.000			Recovery =	84.07%		
24) Nitrobenzene-d5	6.113	128	51428	41.44	ng	-0.08
Spiked Amount 50.000			Recovery =	82.88%		
46) 2-Fluorobiphenyl	7.498	172	226250	42.19	ng	-0.08
Spiked Amount 50.000			Recovery =	84.38%		
70) 2,4,6-Tribromophenol	8.803	330	60906	95.90	ng	-0.10
Spiked Amount 100.000			Recovery =	95.90%		
84) Terphenyl-d14	11.317	244	298980	47.78	ng	-0.10
Spiked Amount 50.000			Recovery =	95.56%		
Target Compounds						Qvalue
10) Phenol	5.364	94	262748	74.23	ng	89
11) 2-Chlorophenol	5.476	128	201239	78.97	ng	86
14) 1,4-Dichlorobenzene	5.669	146	103693	37.08	ng	98
18) 2-Methylphenol	5.872	108	192147	79.33	ng	98
21) N-Nitroso-di-n-propyla...	5.990	70	82237	41.02	ng	82
28) 2,4-Dimethylphenol	6.413	107	225847	85.57	ng	97
32) 1,2,4-Trichlorobenzene	6.626	180	86619	37.26	ng	97
33) Naphthalene	6.685	128	298971	39.86	ng	100
37) 4-Chloro-3-methylphenol	7.086	107	204234	86.41	ng	87
55) Acenaphthene	8.103	153	203805	41.77	ng	96
59) 2,4-Dinitrotoluene	8.236	165	73831	43.23	ng	71
60) 4-Nitrophenol	8.167	65	101939	100.41	ng	92
62) Fluorene	8.573	166	236631	41.43	ng	99
75) Pentachlorophenol	9.311	266	84182	98.66	ng	97
78) Carbazole	9.766	167	345790	43.20	ng	98
82) Pyrene	11.130	202	405396	44.08	ng	88
88) Butylbenzylphthalate	11.906	149	192942	49.38	ng	80

(#) = qualifier out of range (m) = manual integration (+) = signals summed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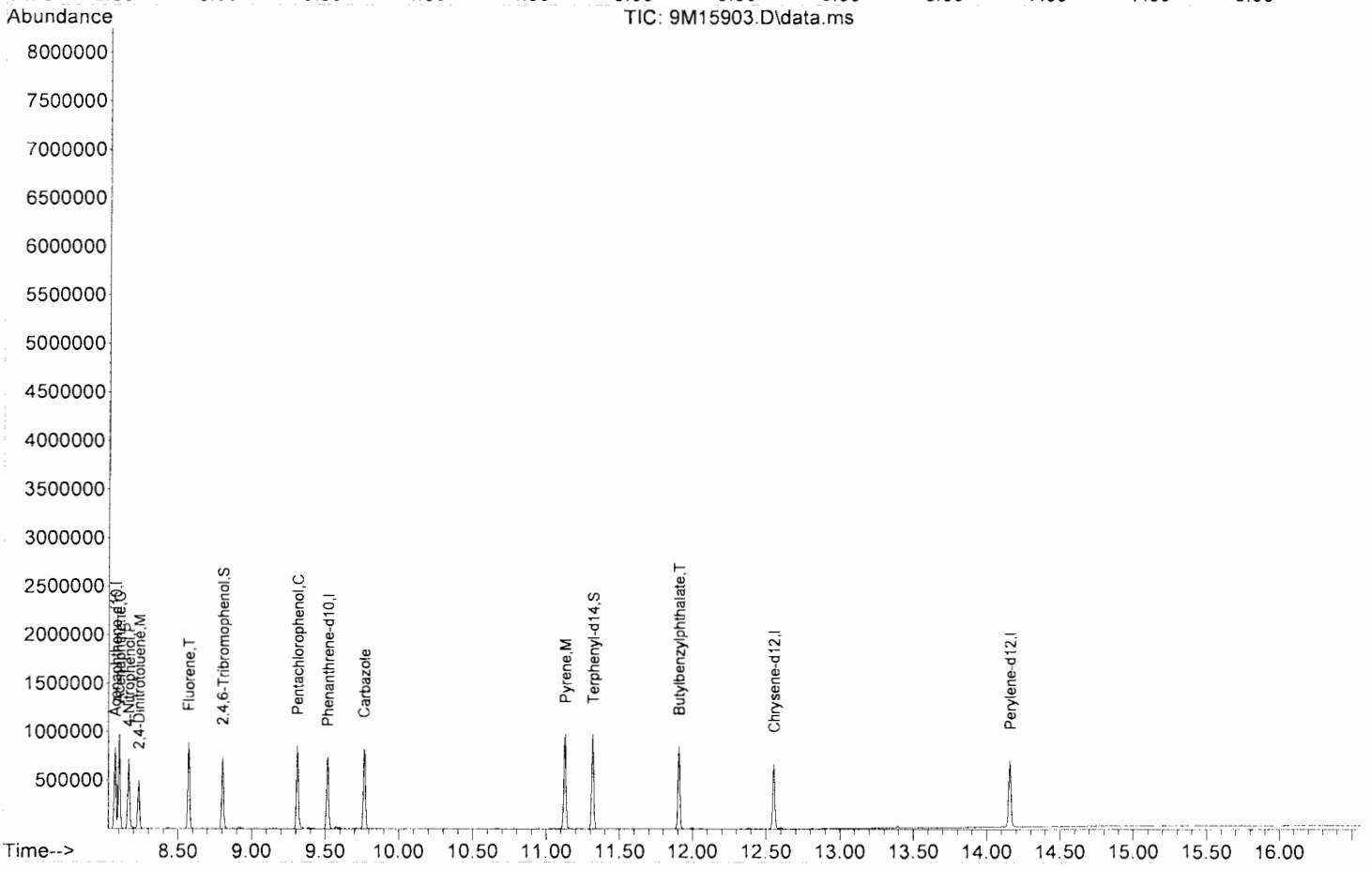
Quant QT Reviewed
SampleID : SMB4008(MS)
Data File: 9M15903.D
Acq On : 01/16/09 11:54
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : S,BNA
Qt Meth : 9M_0109.M
Qt On : 01/16/09 12:36
Qt Upd On: 01/08/09 11:40
2-Fluorophenol,S
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Fluorobiphenyl,S
4-Nitrophenol,P
2,4-Dinitrotoluene,M
Time-->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2,4-Dinitrotoluene,M
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Phenanthrene-d10,I
Carbazole
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Chrysene-d12,I
Perylene-d12,I
Time-->

Quantitation Report (QT Reviewed)

SampleID : WMB4024(MS) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02425.D Sam Mult : 1 Vial# : 13 Qt On : 01/16/09 15:09
Acq On : 01/16/09 14:56 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.829	152	55988	40.00	ng	-0.03
23) Naphthalene-d8	6.835	136	228026	40.00	ng	-0.03
41) Acenaphthene-d10	8.263	164	149533	40.00	ng	-0.03
67) Phenanthrene-d10	9.718	188	269913	40.00	ng	-0.03
81) Chrysene-d12	12.761	240	306788	40.00	ng	-0.03
96) Perylene-d12	14.371	264	300530	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	4.621	112	104148	64.83	ng	-0.04
Spiked Amount 100.000			Recovery = 64.83%			
9) Phenol-d5	5.508	99	110199	49.80	ng	-0.03
Spiked Amount 100.000			Recovery = 49.80%			
24) Nitrobenzene-d5	6.279	128	46700	47.59	ng	-0.03
Spiked Amount 50.000			Recovery = 95.18%			
46) 2-Fluorobiphenyl	7.675	172	253640	45.99	ng	-0.03
Spiked Amount 50.000			Recovery = 91.98%			
70) 2,4,6-Tribromophenol	9.001	330	121731	107.10	ng	-0.03
Spiked Amount 100.000			Recovery = 107.10%			
84) Terphenyl-d14	11.515	244	473719	53.57	ng	-0.04
Spiked Amount 50.000			Recovery = 107.14%			
Target Compounds						Qvalue
2) Pyridine	3.128	79	6181	3.65	ng	70
3) N-Nitrosodimethylamine	3.016	74	58833	65.02	ng	84
8) bis(2-Chloroethyl)ether	5.605	93	138202	82.05	ng	80
10) Phenol	5.519	94	108110	46.28	ng	92
11) 2-Chlorophenol	5.642	128	162366	82.94	ng	80
13) 1,3-Dichlorobenzene	5.776	146	172147	78.55	ng	96
14) 1,4-Dichlorobenzene	5.840	146	179477	76.90	ng	98
15) 1,2-Dichlorobenzene	5.963	146	172531	81.83	ng	99
17) bis(2-chloroisopropyl)...	6.054	45	160760	89.05	ng	63
18) 2-Methylphenol	6.027	108	146651	83.44	ng	97
20) Hexachloroethane	6.241	117	62472	76.81	ng	64
21) N-Nitroso-di-n-propyla...	6.156	70	136893	94.19	ng	74
22) 3&4-Methylphenol	6.150	108	154858	78.98	ng	85
25) Nitrobenzene	6.295	77	189894	86.50	ng	81
26) Isophorone	6.482	82	330960	86.21	ng	83
27) 2-Nitrophenol	6.541	139	105833	85.76	ng	91
28) 2,4-Dimethylphenol	6.567	107	182360	83.99	ng	92
29) Benzoic Acid	6.632	105	43507	33.57	ng	85
30) bis(2-Chloroethoxy)met...	6.642	93	204380	91.04	ng	96
31) 2,4-Dichlorophenol	6.723	162	168248	91.29	ng	86
32) 1,2,4-Trichlorobenzene	6.787	180	177766	80.46	ng	97
33) Naphthalene	6.851	128	553777	84.40	ng	98
35) Hexachlorobutadiene	6.942	225	107516	80.43	ng	98
36) Caprolactam	7.241	113	5480	8.51	ng	12
37) 4-Chloro-3-methylphenol	7.241	107	185081	96.86	ng	85
43) Hexachlorocyclopentadiene	7.503	237	131000	76.03	ng	98
44) 2,4,6-Trichlorophenol	7.605	196	144909	91.90	ng	99
45) 2,4,5-Trichlorophenol	7.632	196	159207	93.04	ng	99
47) 2-Chloronaphthalene	7.782	162	414883	87.61	ng	93
51) 2-Nitroaniline	8.060	65	7155	4.44	ng	48
52) Acenaphthylene	8.140	152	687717	91.09	ng	99
53) Dimethylphthalate	8.006	163	510192	94.91	ng	98
54) 2,6-Dinitrotoluene	8.065	165	115600	90.25	ng	56
55) Acenaphthene	8.290	153	434697	88.40	ng	96
57) 2,4-Dinitrophenol	8.300	184	77004	86.95	ng	83
58) Dibenzofuran	8.552	168	36618	5.33	ng	30
59) 2,4-Dinitrotoluene	8.418	165	162355	99.30	ng	63
60) 4-Nitrophenol	8.338	65	54416	52.70	ng	82
61) 2,3,4,6-Tetrachlorophenol	8.552	232	149123	89.95	ng	80
62) Fluorene	8.771	166	530579	91.67	ng	100
63) 4-Chlorophenyl-phenyle...	8.760	204	274825	91.62	ng	78
64) Diethylphthalate	8.637	149	487095	93.58	ng	96
65) 4-Nitroaniline	8.766	138	7092	5.43	ng	17
66) Atrazine	9.504	200	19440	11.96	ng	35
68) 4,6-Dinitro-2-methylph...	8.803	198	112025	98.52	ng	100
69) n-Nitrosodiphenylamine	8.873	169	396472	77.83	ng	99
71) 1,2-Diphenylhydrazine	8.916	77	493266	95.36	ng	76
72) 4-Bromophenyl-phenylether	9.242	248	195807	95.50	ng	78
73) Hexachlorobenzene	9.311	284	216105	92.17	ng	51
75) Pentachlorophenol	9.504	266	146476	97.17	ng	98
76) Phenanthrene	9.745	178	838941	95.63	ng	98
77) Anthracene	9.803	178	826914	94.13	ng	98

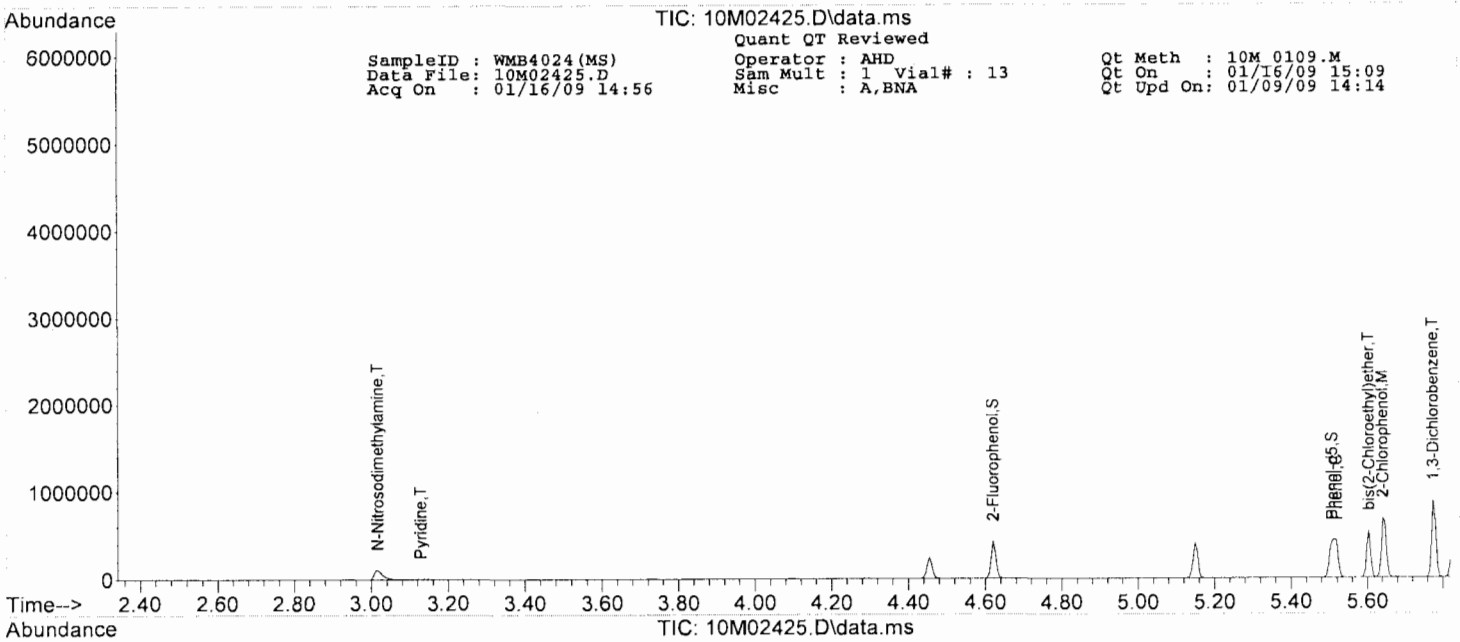
Quantitation Report (QT Reviewed)

SampleID : WMB4024(MS) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02425.D Sam Mult : 1 Vial# : 13 Qt On : 01/16/09 15:09
Acq On : 01/16/09 14:56 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
79)	Di-n-butylphthalate	10.349	149	891510	103.37 ng	98
80)	Fluoranthene	11.071	202	977458	104.06 ng	82
82)	Pyrene	11.338	202	970794	89.94 ng	78
83)	Benzidine	11.221	184	4547	1.49 ng	93
88)	Butylbenzylphthalate	12.103	149	401933	95.02 ng	71
92)	3,3'-Dichlorobenzidine	12.724	252	322479	113.71 ng	94
93)	Benzo[a]anthracene	12.751	228	997824	93.05 ng	98
94)	Chrysene	12.793	228	1012563	93.53 ng	96
95)	bis(2-Ethylhexyl)phtha...	12.793	149	593526	104.92 ng	90
97)	Di-n-octylphthalate	13.542	149	937543	104.61 ng	98
98)	Benzo[b]fluoranthene	13.959	252	895183	92.72 ng	88
99)	Benzo[k]fluoranthene	13.991	252	1018381	99.97 ng	88
100)	Benzo[a]pyrene	14.312	252	897262	97.88 ng	87
101)	Indeno[1,2,3-cd]pyrene	15.676	276	933860	92.35 ng	66
102)	Dibenzo[a,h]anthracene	15.698	278	810961	95.99 ng	81
103)	Benzo[g,h,i]perylene	16.051	276	760733	87.40 ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed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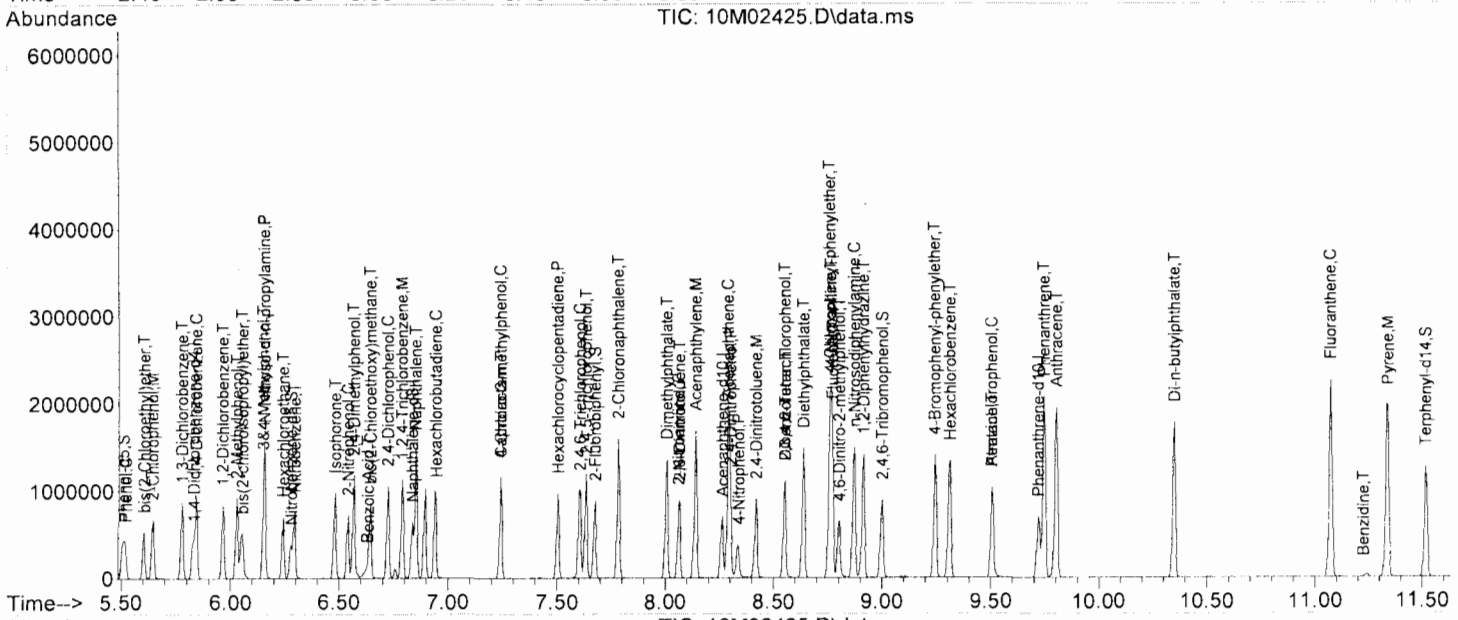
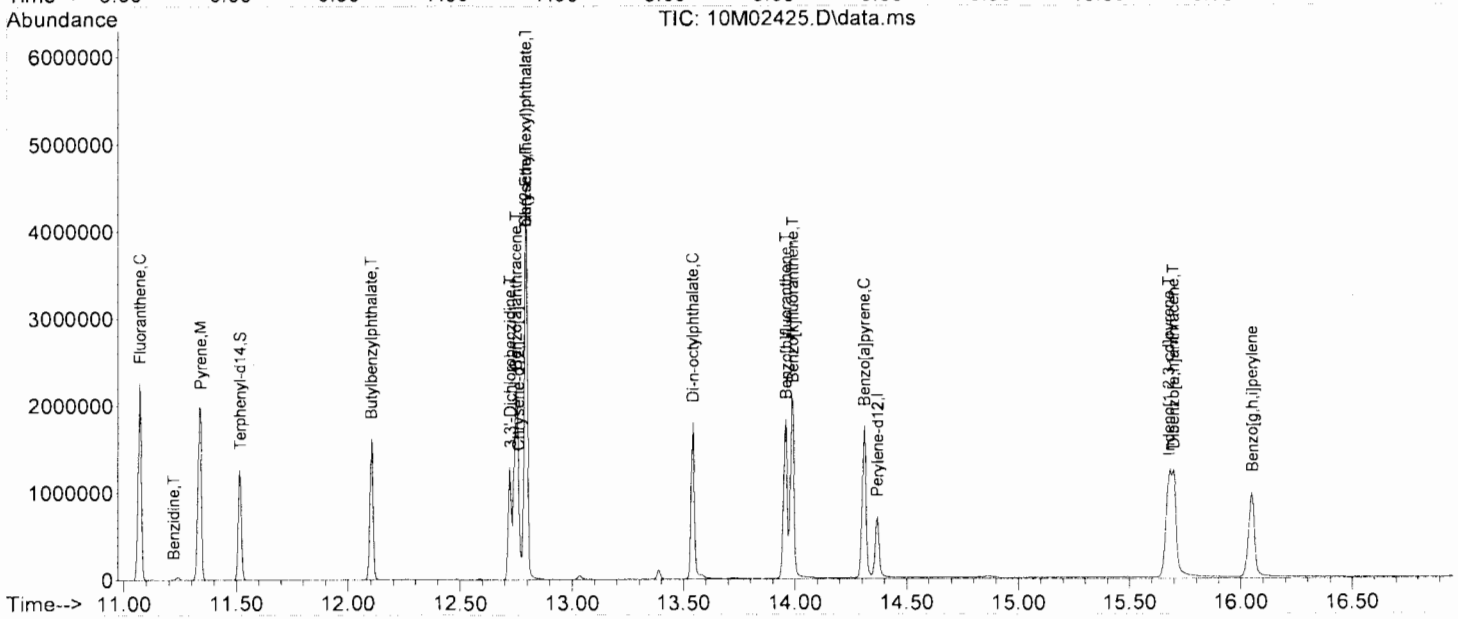
Quant QT Reviewed
SampleID : WMB4024(MS)
Data File: 10M02425.D
Acq On : 01/16/09 14:56
Operator : AHD
Sam Mult : 1 Vial# : 13
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/16/09 15:09
Qt Upd On: 01/09/09 14:14
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Phenol-d5,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
1,3-Dichlorobenzene,T
Time-->


Abundance
TIC: 10M02425.D\data.ms
Time-->


Abundance
TIC: 10M02425.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

FORM 3

Spike Recovery

Batch Number: SMB4007
Mbs Name: SMB4007(MS)
Ns Name: AC42110-018
Ms Name: AC42110-018(MS)
Msd Name: AC42110-018(MSD

Mbs File: 9M15884.D
Non Spk'd File: 9M15888.D
Spike File: 9M15889.D
Spike Dup File: 9M15890.D
Matrix: Soil
Method: EPA 8270C

Mbs Date: 01/15/09 13:30
Non Spk'd Date: 01/15/09 15:05
Spike Date : 01/15/09 15:27
Spike Dup Date: 01/15/09 15:49

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	10	1	0	100	35	130	31	81.41	0.00	83.29	67.00	81	83	67	22
2-Chlorophenol	11	1	0	100	43	131	32	83.19	0.00	85.42	68.16	83	85	68	22
1,4-Dichlorobenzene	14	1	0	50	26	128	41	34.43	0.00	35.92	28.63	69	72	57	23
2-Methylphenol	18	1	0	100	40	137	32	85.18	0.00	90.87	72.15	85	91	72	23
N-Nitroso-di-n-propyla	21	1	0	50	23	147	39	42.62	0.00	42.69	34.27	85	85	69	22
2,4-Dimethylphenol	28	1	0	100	47	135	32	80.76	0.00	85.56	69.92	81	86	70	20
1,2,4-Trichlorobenzen	32	1	0	50	40	129	39	33.28	0.00	36.84	29.83	67	74	60	21
Naphthalene	33	1	0	50	44	132	41	37.37	1.13	40.47	36.28	75	79	70	11
4-Chloro-3-methylphe	37	1	0	100	45	142	32	86.28	0.00	94.56	76.64	86	95	77	21
Acenaphthene	55	1	0	50	47	137	58	38.81	3.12	47.52	39.48	78	89	73	18
2,4-Dinitrotoluene	59	1	0	50	30	139	47	34.08	0.00	35.37	26.33	68	71	53	29
4-Nitrophenol	60	1	0	100	35	146	36	96.76	0.00	111.70	81.78	97	112	82	31
Fluorene	62	1	0	50	42	135	43	39.78	4.14	49.48	42.16	80	91	76	16
Pentachlorophenol	75	1	0	100	38	132	37	88.47	0.00	109.00	91.42	88	109	91	18
Pyrene	82	1	0	50	45	167	53	40.10	45.17	115.27	104.74	80	140	119	9.6
Butylbenzylphthalate	88	1	0	50	45	157	40	44.85	0.00	43.26	37.94	90	87	76	13

Note:

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

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

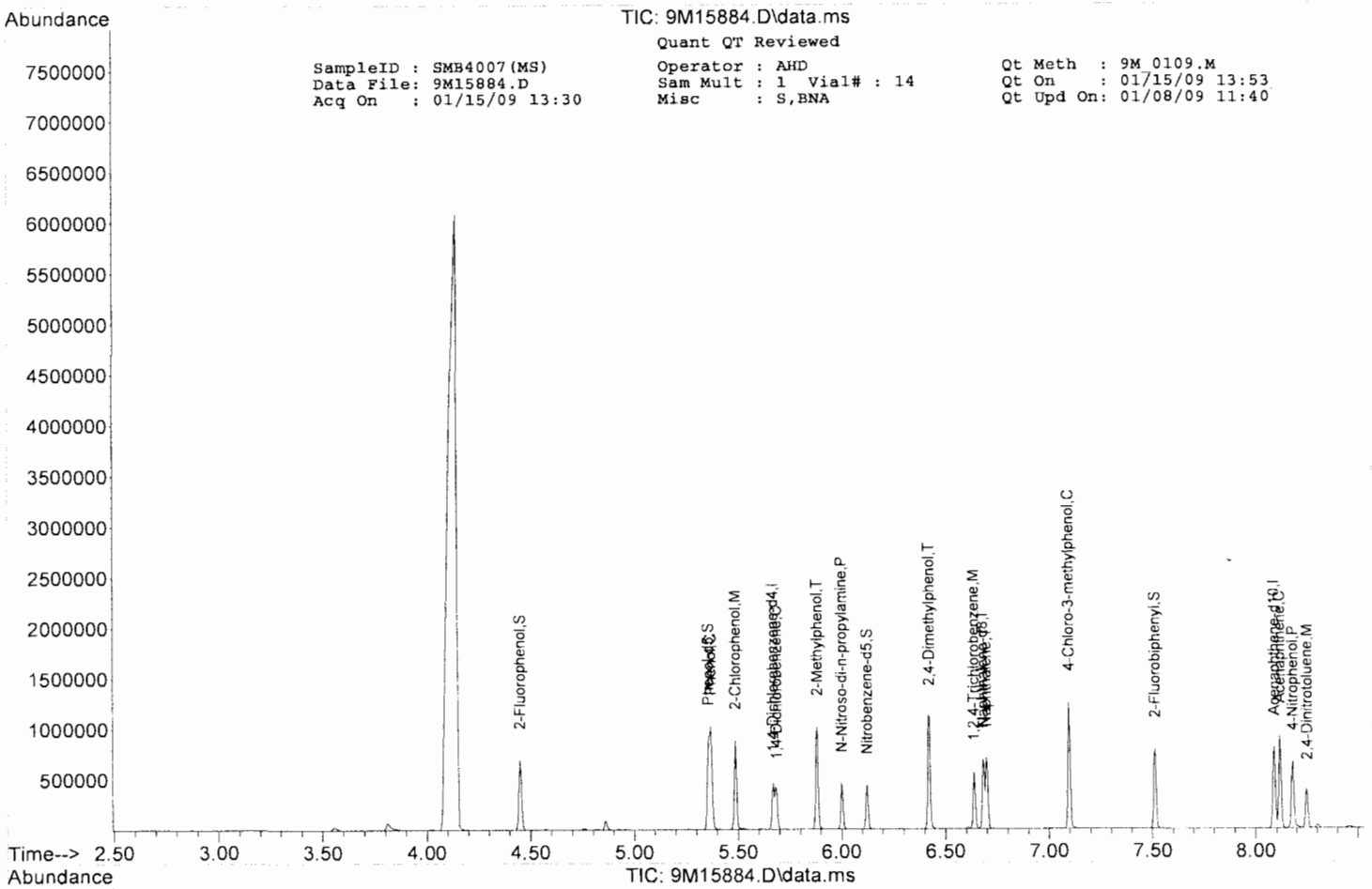
Quantitation Report (QT Reviewed)

SampleID : SMB4007(MS) Operator : AHD Qt Meth : 9M_0109.M
Data File: 9M15884.D Sam Mult : 1 Vial# : 14 Qt On : 01/15/09 13:53
Acq On : 01/15/09 13:30 Misc : S,BNA Qt Upd On: 01/08/09 11:40

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.669	152	56125	40.00	ng	-0.06
23) Naphthalene-d8	6.680	136	252409	40.00	ng	-0.06
41) Acenaphthene-d10	8.092	164	157602	40.00	ng	-0.07
67) Phenanthrene-d10	9.536	188	275468	40.00	ng	-0.08
81) Chrysene-d12	12.574	240	288339	40.00	ng	-0.09
96) Perylene-d12	14.179	264	259171	40.00	ng	-0.10
System Monitoring Compounds						
4) 2-Fluorophenol	4.450	112	162747	88.04	ng	-0.07
Spiked Amount 100.000			Recovery = 88.04%			
9) Phenol-d5	5.359	99	250457	93.54	ng	-0.06
Spiked Amount 100.000			Recovery = 93.54%			
24) Nitrobenzene-d5	6.124	128	44657	38.73	ng	-0.06
Spiked Amount 50.000			Recovery = 77.46%			
46) 2-Fluorobiphenyl	7.514	172	210233	38.94	ng	-0.06
Spiked Amount 50.000			Recovery = 77.88%			
70) 2,4,6-Tribromophenol	8.819	330	61084	87.61	ng	-0.08
Spiked Amount 100.000			Recovery = 87.61%			
84) Terphenyl-d14	11.339	244	327948	43.91	ng	-0.08
Spiked Amount 50.000			Recovery = 87.82%			
Target Compounds						Qvalue
10) Phenol	5.370	94	237319	81.41	ng	93
11) 2-Chlorophenol	5.487	128	174589	83.19	ng	87
14) 1,4-Dichlorobenzene	5.685	146	79294	34.43	ng	98
18) 2-Methylphenol	5.883	108	169919	85.18	ng	99
21) N-Nitroso-di-n-propyla...	6.001	70	70373	42.62	ng	84
28) 2,4-Dimethylphenol	6.423	107	198049	80.76	ng	96
32) 1,2,4-Trichlorobenzene	6.637	180	71884	33.28	ng	98
33) Naphthalene	6.696	128	260439	37.37	ng	99
37) 4-Chloro-3-methylphenol	7.097	107	189452	86.28	ng	88
55) Acenaphthene	8.119	153	190702	38.81	ng	96
59) 2,4-Dinitrotoluene	8.253	165	58614	34.08	ng	70
60) 4-Nitrophenol	8.183	65	98921	96.76	ng	89
62) Fluorene	8.590	166	228796	39.78	ng	99
75) Pentachlorophenol	9.328	266	81358	88.47	ng	97
78) Carbazole	9.788	167	359843	40.95	ng	98
82) Pyrene	11.146	202	440166	40.10	ng	92
88) Butylbenzylphthalate	11.927	149	209150	44.85	ng	80

(#) = qualifier out of range (m) = manual integration (+) = signals summed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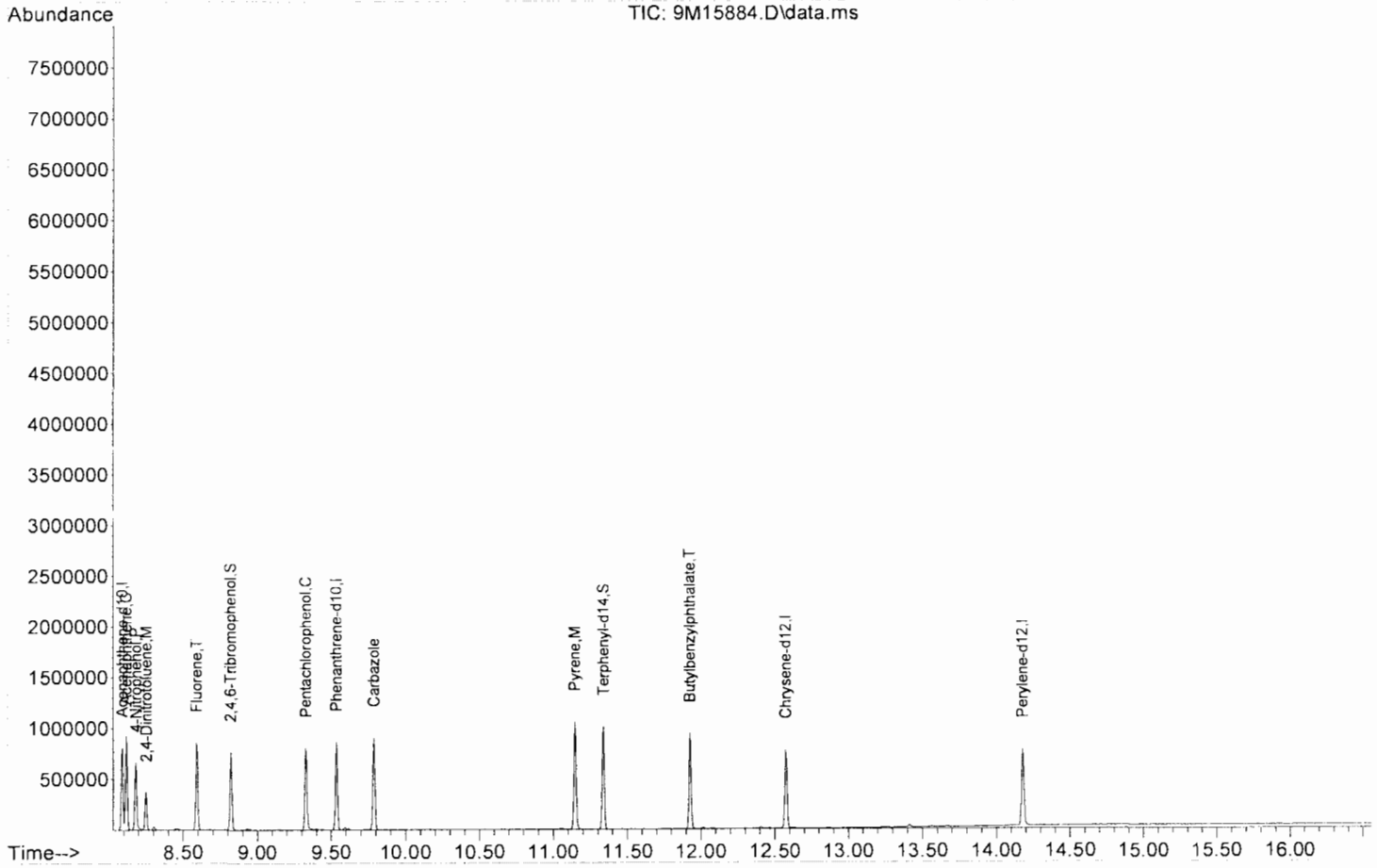
Quant QT Reviewed
SampleID : SMB4007(MS)
Data File: 9M15884.D
Acq On : 01/15/09 13:30
Operator : AHD
Sam Mult : 1 Vial# : 14
Misc : S,BNA
Qt Meth : 9M_0109.M
Qt On : 01/15/09 13:53
Qt Upd On: 01/08/09 11:40
Abundance
Time-->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Abundance
Time-->

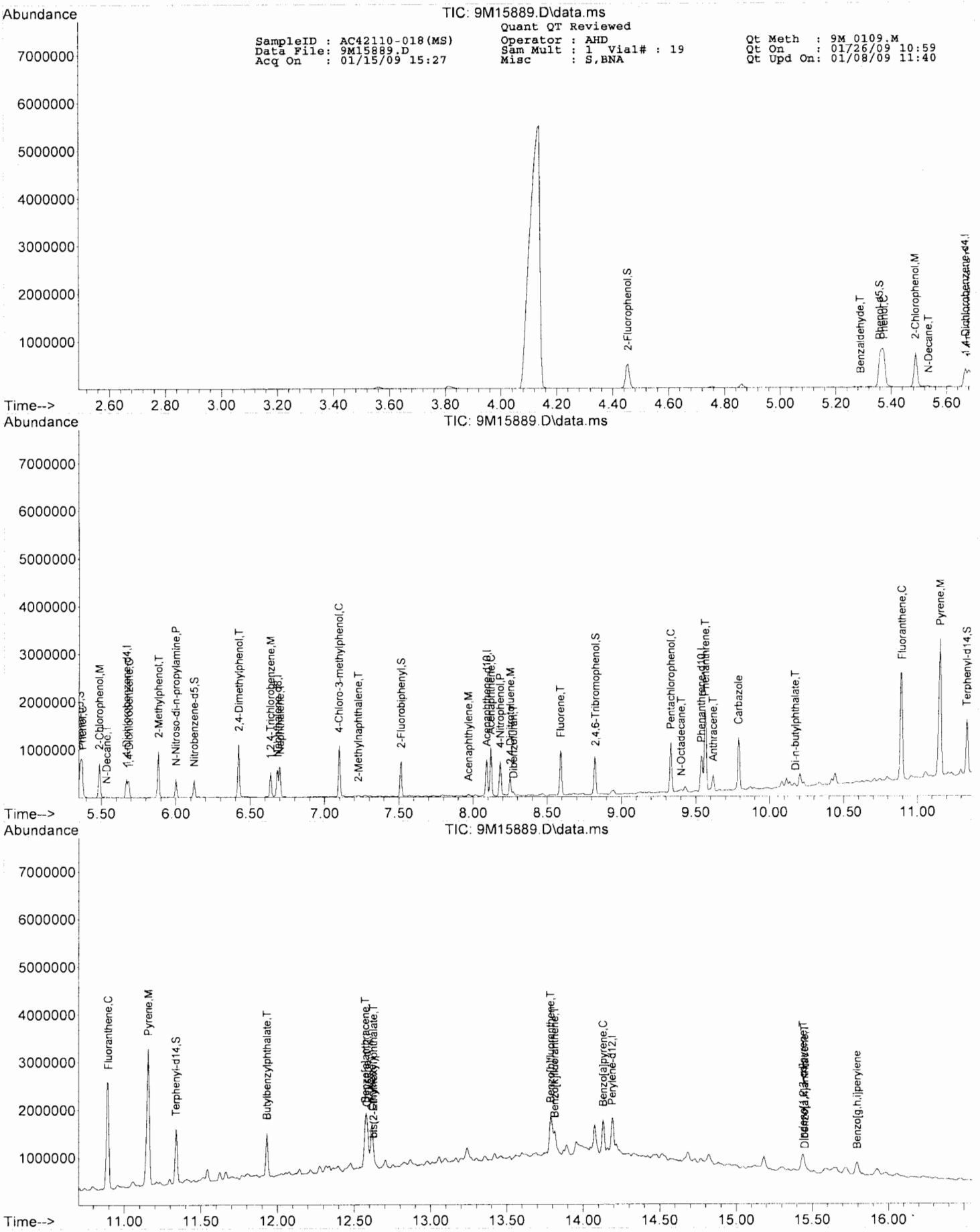
Quantitation Report (QT Reviewed)

SampleID : AC42110-018(MS) Operator : AHD Qt Meth : 9M_0109.M
Data File: 9M15889.D Sam Mult : 1 Vial# : 19 Qt On : 01/26/09 10:59
Acq On : 01/15/09 15:27 Misc : S,BNA Qt Upd On: 01/08/09 11:40

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.669	152	46418	40.00	ng	-0.06
23) Naphthalene-d8	6.685	136	214534	40.00	ng	-0.06
41) Acenaphthene-d10	8.092	164	147294	40.00	ng	-0.07
67) Phenanthrene-d10	9.536	188	276551	40.00	ng	-0.08
81) Chrysene-d12	12.585	240	304932	40.00	ng	-0.08
96) Perylene-d12	14.190	264	283110	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	4.455	112	130209	85.16	ng	-0.06
Spiked Amount 100.000			Recovery = 85.16%			
9) Phenol-d5	5.359	99	209781	94.74	ng	-0.06
Spiked Amount 100.000			Recovery = 94.74%			
24) Nitrobenzene-d5	6.124	128	39227	40.03	ng	-0.06
Spiked Amount 50.000			Recovery = 80.06%			
46) 2-Fluorobiphenyl	7.515	172	197110	39.06	ng	-0.06
Spiked Amount 50.000			Recovery = 78.12%			
70) 2,4,6-Tribromophenol	8.825	330	70052	100.08	ng	-0.07
Spiked Amount 100.000			Recovery = 100.08%			
84) Terphenyl-d14	11.339	244	366047	46.35	ng	-0.08
Spiked Amount 50.000			Recovery = 92.70%			
Target Compounds						Qvalue
5) Benzaldehyde	5.289	77	2366	1.73	ng	61
10) Phenol	5.375	94	200804	83.29	ng	89
11) 2-Chlorophenol	5.487	128	148265	85.42	ng	86
12) N-Decane	5.536	57	2260	1.23	ng	81
14) 1,4-Dichlorobenzene	5.685	146	68415	35.92	ng	99
18) 2-Methylphenol	5.883	108	149922	90.87	ng	98
21) N-Nitroso-di-n-propyla...	6.001	70	58307	42.69	ng	83
28) 2,4-Dimethylphenol	6.423	107	178329	85.56	ng	95
32) 1,2,4-Trichlorobenzene	6.637	180	67638	36.84	ng	99
33) Naphthalene	6.702	128	239704	40.47	ng	99
37) 4-Chloro-3-methylphenol	7.097	107	176487	94.56	ng	89
38) 2-Methylnaphthalene	7.226	142	7233	1.75	ng	97
52) Acenaphthylene	7.969	152	11412	1.57	ng	91
55) Acenaphthene	8.119	153	218195	47.52	ng	96
58) Dibenzofuran	8.274	168	24366	3.73	ng	89
59) 2,4-Dinitrotoluene	8.253	165	56855	35.37	ng	70
60) 4-Nitrophenol	8.183	65	106720	111.70	ng	94
62) Fluorene	8.590	166	265989	49.48	ng	100
74) N-Octadecane	9.403	57	9142	2.26	ng	91
75) Pentachlorophenol	9.333	266	104129	109.00	ng	96
76) Phenanthrene	9.563	178	665628	73.87	ng	100
77) Anthracene	9.617	178	126691	13.99	ng	98
78) Carbazole	9.788	167	442786	50.19	ng	98
79) Di-n-butylphthalate	10.173	149	13313	1.33	ng	95
80) Fluoranthene	10.895	202	1056233	106.70	ng	89
82) Pyrene	11.157	202	1337952	115.27	ng	87
88) Butylbenzylphthalate	11.932	149	213315	43.26	ng	73
93) Benzo[a]anthracene	12.574	228	390732	36.21	ng	98
94) Chrysene	12.617	228	388604	37.65	ng	98
95) bis(2-Ethylhexyl)phtha...	12.628	149	72303	11.09	ng	94
98) Benzo[b]fluoranthene	13.788	252	486868m	49.61	ng	
99) Benzo[k]fluoranthene	13.815	252	132687m	13.49	ng	
100) Benzo[a]pyrene	14.131	252	320583	34.41	ng	93
101) Indeno[1,2,3-cd]pyrene	15.441	276	202209	20.31	ng	82
102) Dibenzo[a,h]anthracene	15.452	278	49772	6.02	ng	90
103) Benzo[g,h,i]perylene	15.794	276	186300	22.49	ng	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Operator : AHD
Sam Mult : 1 Vial# : 19
Misc : S,BNA
Qt Meth : 9M_0109.M
Qt On : 01/26/09 10:59
Qt Upd On: 01/08/09 11:40
Abundance
Time-->
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
2-Chlorophenol,M
N-Decane,T
TIC: 9M15889.D\data.ms
Abundance
Time-->
2-Chlorophenol,M
N-Decane,T
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Methylnaphthalene,T
2-Fluorobiphenyl,S
Acenaphthylene,M
4-Nitrophenol,P
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
N-Octadecane,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
TIC: 9M15889.D\data.ms
Abundance
Time-->
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

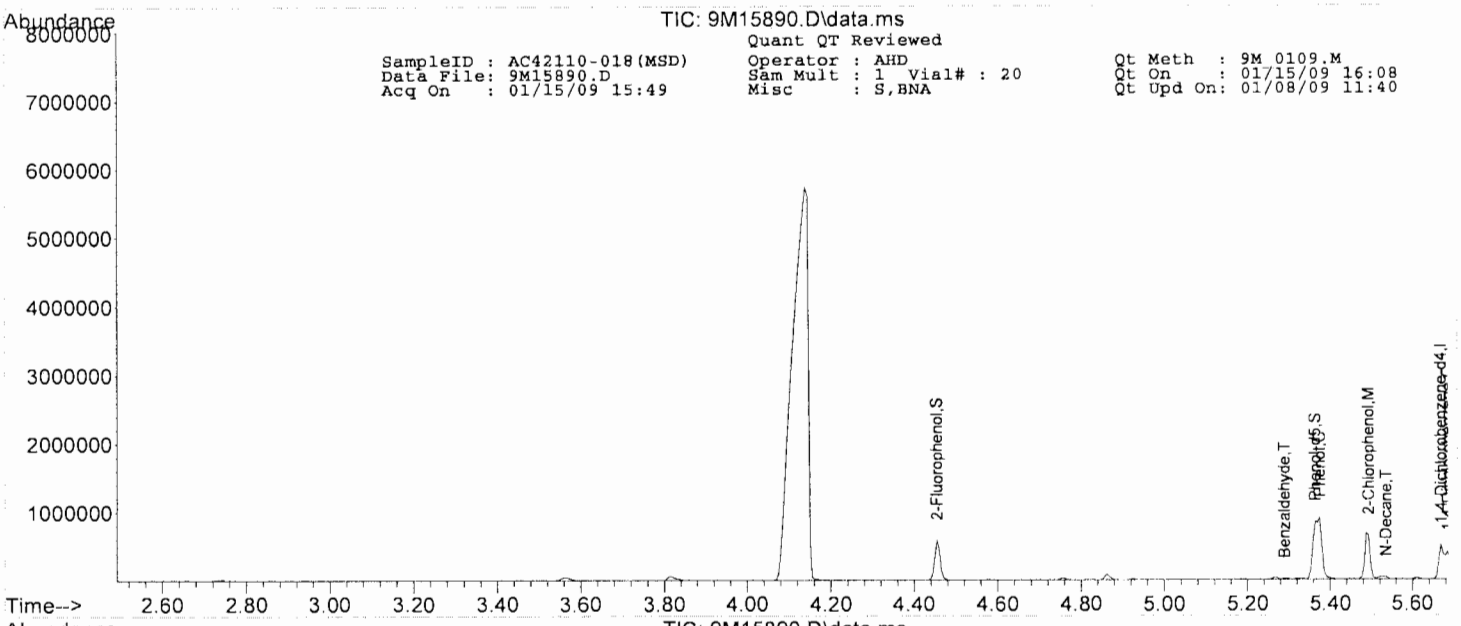
Quantitation Report (QT Reviewed)

SampleID : AC42110-018(MSD) Operator : AHD Qt Meth : 9M_0109.M
Data File: 9M15890.D Sam Mult : 1 Vial# : 20 Qt On : 01/15/09 16:08
Acq On : 01/15/09 15:49 Misc : S,BNA Qt Upd On: 01/08/09 11:40

Data Path : G:\GcMsData\2009\GCMS_9\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.669	152	61446	40.00	ng	-0.06
23) Naphthalene-d8	6.685	136	275260	40.00	ng	-0.06
41) Acenaphthene-d10	8.092	164	184025	40.00	ng	-0.07
67) Phenanthrene-d10	9.542	188	321691	40.00	ng	-0.07
81) Chrysene-d12	12.585	240	308609	40.00	ng	-0.08
96) Perylene-d12	14.195	264	294824	40.00	ng	-0.08
System Monitoring Compounds						
4) 2-Fluorophenol	4.455	112	141879	70.10	ng	-0.06
Spiked Amount 100.000			Recovery = 70.10%			
9) Phenol-d5	5.364	99	220120	75.09	ng	-0.05
Spiked Amount 100.000			Recovery = 75.09%			
24) Nitrobenzene-d5	6.124	128	41413	32.94	ng	-0.06
Spiked Amount 50.000			Recovery = 65.88%			
46) 2-Fluorobiphenyl	7.514	172	208787	33.12	ng	-0.06
Spiked Amount 50.000			Recovery = 66.24%			
70) 2,4,6-Tribromophenol	8.825	330	69123	84.90	ng	-0.07
Spiked Amount 100.000			Recovery = 84.90%			
84) Terphenyl-d14	11.344	244	328927	41.15	ng	-0.07
Spiked Amount 50.000			Recovery = 82.30%			
Target Compounds						Qvalue
5) Benzaldehyde	5.289	77	1898	1.05	ng	41
10) Phenol	5.375	94	213825	67.00	ng	90
11) 2-Chlorophenol	5.493	128	156605	68.16	ng	81
12) N-Decane	5.535	57	4696	1.93	ng	87
14) 1,4-Dichlorobenzene	5.685	146	72177	28.63	ng	99
18) 2-Methylphenol	5.883	108	157580	72.15	ng	97
21) N-Nitroso-di-n-propyla...	6.001	70	61958	34.27	ng	83
28) 2,4-Dimethylphenol	6.423	107	186979	69.92	ng	95
32) 1,2,4-Trichlorobenzene	6.637	180	70256	29.83	ng	100
33) Naphthalene	6.701	128	275740	36.28	ng	99
37) 4-Chloro-3-methylphenol	7.103	107	183525	76.64	ng	83
38) 2-Methylnaphthalene	7.226	142	16757	3.17	ng	96
48) 1,4-Dimethylnaphthalene	7.894	156	5846	1.34	ng	87
52) Acenaphthylene	7.969	152	17068	1.88	ng	95
55) Acenaphthene	8.119	153	226492	39.48	ng	95
58) Dibenzofuran	8.274	168	45981	5.64	ng	86
59) 2,4-Dinitrotoluene	8.252	165	52866	26.33	ng	69
60) 4-Nitrophenol	8.183	65	97623	81.78	ng	96
62) Fluorene	8.595	166	283140	42.16	ng	99
74) N-Octadecane	9.402	57	13575	2.89	ng	89
75) Pentachlorophenol	9.333	266	98732	91.42	ng	95
76) Phenanthrene	9.568	178	772411	73.69	ng	100
77) Anthracene	9.616	178	160791	15.27	ng	100
78) Carbazole	9.793	167	433448	42.24	ng	97
79) Di-n-butylphthalate	10.173	149	14777	1.27	ng	95
80) Fluoranthene	10.895	202	966386	83.93	ng	89
82) Pyrene	11.157	202	1230374	104.74	ng	88
88) Butylbenzylphthalate	11.932	149	189366	37.94	ng	75
93) Benzo[a]anthracene	12.574	228	361766	33.13	ng	98
94) Chrysene	12.617	228	342257	32.76	ng	97
95) bis(2-Ethylhexyl)phtha...	12.649	149	1241458	188.10	ng	56
97) Di-n-octylphthalate	13.382	149	1243270	100.97	ng	100
98) Benzo[b]fluoranthene	13.788	252	432768m	42.35	ng	
99) Benzo[k]fluoranthene	13.815	252	129468m	12.64	ng	
100) Benzo[a]pyrene	14.136	252	288784	29.77	ng	91
101) Indeno[1,2,3-cd]pyrene	15.441	276	179411	17.30	ng	82
102) Dibenzo[a,h]anthracene	15.452	278	47753	5.54	ng	87
103) Benzo[g,h,i]perylene	15.794	276	166769	19.33	ng	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed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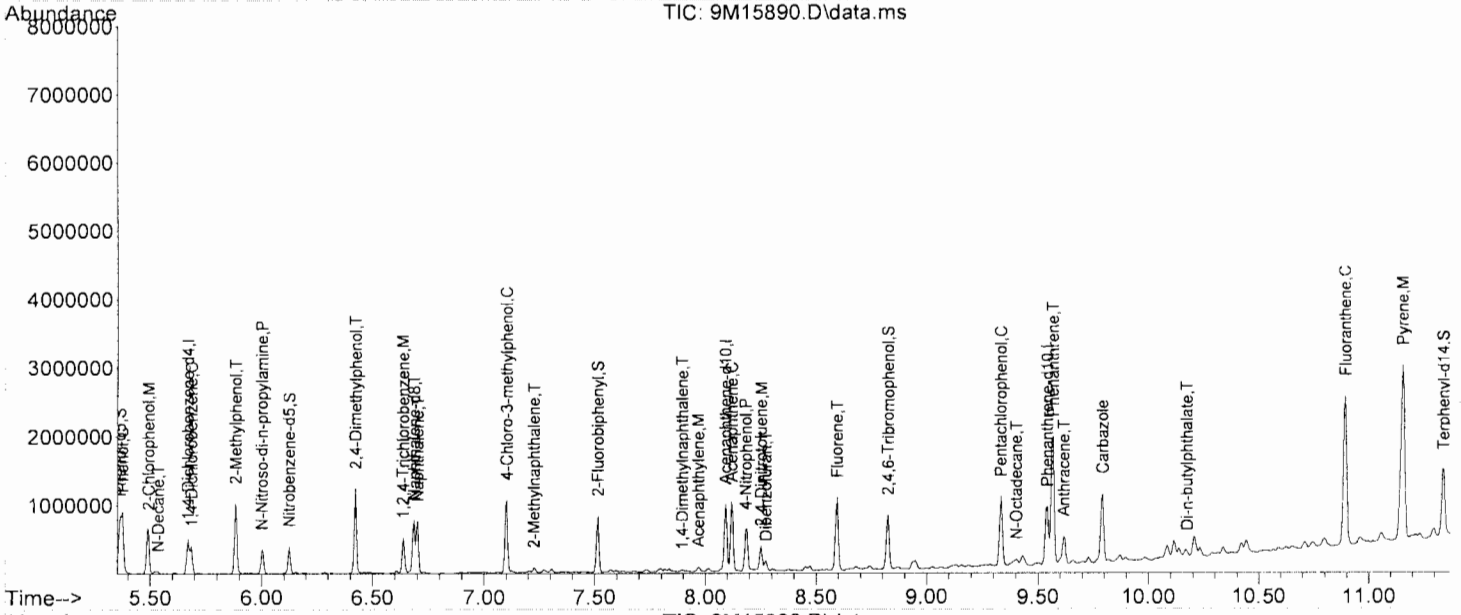
Quant QT Reviewed
SampleID : AC42110-018(MSD)
Data File: 9M15890.D
Acq On : 01/15/09 15:49
Operator : AHD
Sam Mult : 1 Vial# : 20
Misc : S,BNA
Qt Meth : 9M_0109.M
Qt On : 01/15/09 16:08
Qt Upd On: 01/08/09 11:40
Abundance
Time-->
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
2-Chlorophenol,M
N-Decane,T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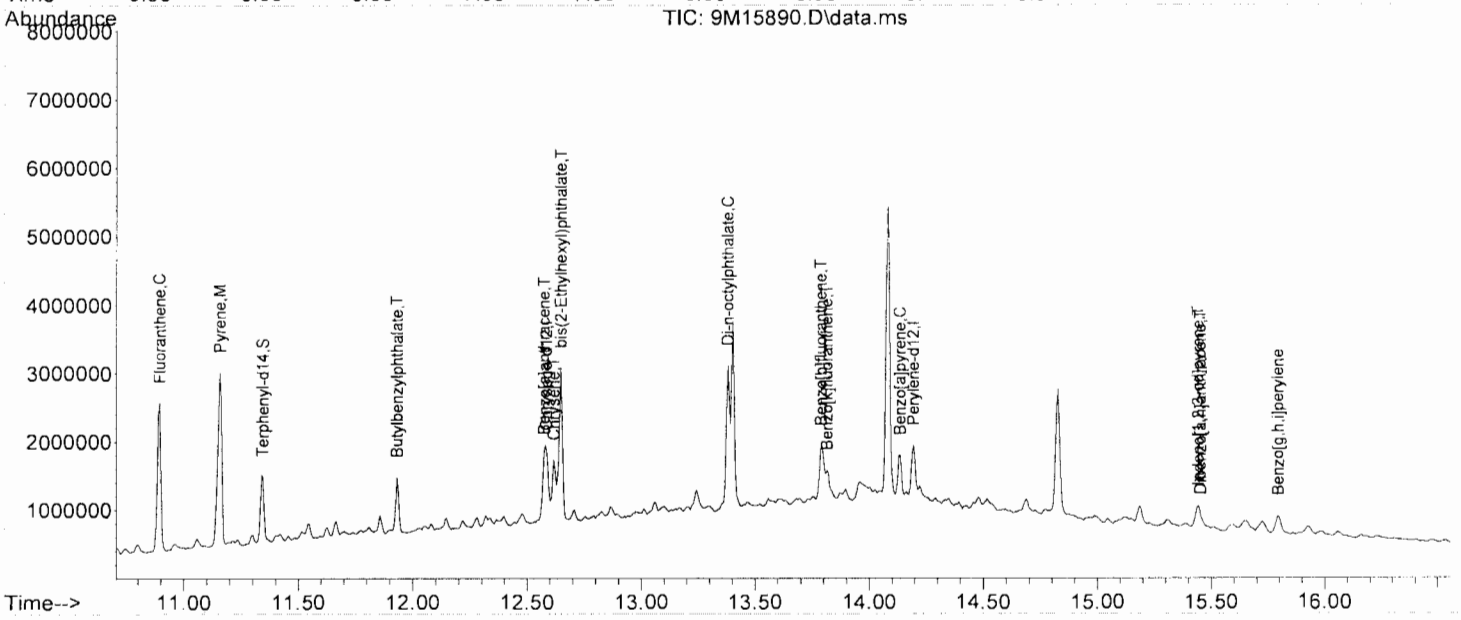
Abundance
Time-->
2-Chlorophenol,M
N-Decane,T
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Methylnaphthalene,T
2-Fluorobiphenyl,S
1,4-Dimethylnaphthalene,T
Acenaphthylene,M
4-Nitrophenol,P
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
N-Octadecane,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S


TIC: 9M15890.D\data.ms
Abundance
Time-->
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

FORM 3

Spike Recovery

Batch Number: WMB4022
Mbs Name: WMB4022(MS)
Ns Name: AC42118-004(T)
Ms Name: AC42118-004(T)(M
Msd Name: AC42118-004(T)(M

Mbs File: 10M02395.D
Non Spk'd File: 10M02397.D
Spike File: 10M02398.D
Spike Dup File: 10M02399.D
Matrix: Aqueous
Method: EPA 8270C

Mbs Date: 01/15/09 09:24
Non Spk'd Date: 01/15/09 10:09
Spike Date : 01/15/09 10:32
Spike Dup Date: 01/15/09 10:55

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	10	1	0	100	32	98	27	41.50	0.00	66.86	81.86	41	67	82	20
2-Chlorophenol	11	1	0	100	64	108	21	88.46	0.00	73.35	90.28	88	73	90	21
1,4-Dichlorobenzene	14	1	0	100	52	110	30	80.92	0.00	84.75	81.88	81	85	82	3.4
2-Methylphenol	18	1	0	100	58	113	25	82.17	0.00	81.58	88.86	82	82	89	8.5
N-Nitroso-di-n-propyla	21	1	0	100	49	118	14	86.38	0.00	88.59	84.41	86	89	84	4.8
2,4-Dimethylphenol	28	1	0	100	54	122	18	86.76	0.00	68.74	72.95	87	69	73	5.9
1,2,4-Trichlorobenzen	32	1	0	100	52	120	17	84.39	0.00	87.01	84.78	84	87	85	2.6
Naphthalene	33	1	0	100	61	116	16	84.88	0.00	87.81	85.34	85	88	85	2.9
4-Chloro-3-methylphe	37	1	0	100	71	119	16	95.23	0.00	85.75	95.38	95	86	95	11
Acenaphthene	55	1	0	100	75	110	14	87.22	0.00	88.26	87.08	87	88	87	1.3
2,4-Dinitrotoluene	59	1	0	100	64	120	13	94.63	0.00	95.17	95.02	95	95	95	0.16
4-Nitrophenol	60	1	0	100	35	116	41	45.77	0.00	70.08	89.29	46	70	89	24
Fluorene	62	1	0	100	73	113	14	87.21	0.00	89.66	88.01	87	90	88	1.9
Pentachlorophenol	75	1	0	100	76	140	31	98.82	0.00	62.69	104.31	99	63 Mo	104	50Rp
Pyrene	82	1	0	100	76	118	13	90.32	0.00	88.39	86.04	90	88	86	2.7
Butylbenzylphthalate	88	1	0	100	66	127	12	95.72	0.00	95.72	92.72	96	96	93	3.2

Note:

Rp = Failed Rpd Criteria

Mo = Failed Recovery Criteria

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

Quantitation Report (QT Reviewed)

SampleID : WMB4022(MS) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02395.D Sam Mult : 1 Vial# : 4 Qt On : 01/15/09 09:49
Acq On : 01/15/09 09:24 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.835	152	59707	40.00	ng	-0.03
23) Naphthalene-d8	6.846	136	229628	40.00	ng	-0.02
41) Acenaphthene-d10	8.268	164	141248	40.00	ng	-0.03
67) Phenanthrene-d10	9.723	188	244722	40.00	ng	-0.03
81) Chrysene-d12	12.761	240	271921	40.00	ng	-0.03
96) Perylene-d12	14.371	264	290005	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	4.631	112	107310	62.64	ng	-0.03
Spiked Amount 100.000			Recovery = 62.64%			
9) Phenol-d5	5.514	99	101645	43.07	ng	-0.02
Spiked Amount 100.000			Recovery = 43.07%			
24) Nitrobenzene-d5	6.290	128	44600	45.13	ng	-0.02
Spiked Amount 50.000			Recovery = 90.26%			
46) 2-Fluorobiphenyl	7.680	172	212467	40.78	ng	-0.03
Spiked Amount 50.000			Recovery = 81.56%			
70) 2,4,6-Tribromophenol	9.007	330	98173	95.26	ng	-0.02
Spiked Amount 100.000			Recovery = 95.26%			
84) Terphenyl-d14	11.520	244	368974	47.07	ng	-0.03
Spiked Amount 50.000			Recovery = 94.14%			
Target Compounds						Qvalue
2) Pyridine	3.107	79	70424	39.02	ng	70
3) N-Nitrosodimethylamine	3.032	74	67250	69.69	ng	83
8) bis(2-Chloroethyl)ether	5.616	93	151859	84.55	ng	76
10) Phenol	5.530	94	103389	41.50	ng	93
11) 2-Chlorophenol	5.653	128	184685	88.46	ng	80
13) 1,3-Dichlorobenzene	5.787	146	191887	82.10	ng	95
14) 1,4-Dichlorobenzene	5.851	146	201419	80.92	ng	98
15) 1,2-Dichlorobenzene	5.974	146	187717	83.48	ng	96
17) bis(2-chloroisopropyl)...	6.065	45	168159	87.35	ng	56
18) 2-Methylphenol	6.038	108	154008	82.17	ng	98
20) Hexachloroethane	6.252	117	71887	82.88	ng	63
21) N-Nitroso-di-n-propyla...	6.166	70	133877	86.38	ng	76
22) 3&4-Methylphenol	6.161	108	155278	74.26	ng	90
25) Nitrobenzene	6.306	77	198637	89.85	ng	81
26) Isophorone	6.493	82	320904	83.01	ng	79
27) 2-Nitrophenol	6.552	139	110878	89.22	ng	92
28) 2,4-Dimethylphenol	6.578	107	189701	86.76	ng	94
29) Benzoic Acid	6.637	105	44763	34.29	ng	93
30) bis(2-Chloroethoxy)met...	6.653	93	204155	90.30	ng	98
31) 2,4-Dichlorophenol	6.733	162	177348	95.56	ng	86
32) 1,2,4-Trichlorobenzene	6.798	180	187750	84.39	ng	97
33) Naphthalene	6.862	128	560882	84.88	ng	98
35) Hexachlorobutadiene	6.947	225	111237	82.63	ng	96
36) Caprolactam	7.252	113	5223	8.06	ng	14
37) 4-Chloro-3-methylphenol	7.252	107	183250	95.23	ng	85
43) Hexachlorocyclopentadiene	7.514	237	134962	82.60	ng	98
44) 2,4,6-Trichlorophenol	7.611	196	144065	96.72	ng	96
45) 2,4,5-Trichlorophenol	7.643	196	152668	94.45	ng	99
47) 2-Chloronaphthalene	7.792	162	395242	88.35	ng	91
51) 2-Nitroaniline	8.065	65	6822	4.48	ng	41
52) Acenaphthylene	8.145	152	631943	88.61	ng	99
53) Dimethylphthalate	8.012	163	467853	92.14	ng	97
54) 2,6-Dinitrotoluene	8.065	165	106038	87.64	ng	61
55) Acenaphthene	8.295	153	405118	87.22	ng	96
57) 2,4-Dinitrophenol	8.306	184	75599	90.07	ng	80
58) Dibenzofuran	8.552	168	34224	5.27	ng	30
59) 2,4-Dinitrotoluene	8.424	165	146155	94.63	ng	63
60) 4-Nitrophenol	8.338	65	44643	45.77	ng	87
61) 2,3,4,6-Tetrachlorophenol	8.552	232	143249	91.47	ng	80
62) Fluorene	8.771	166	476793	87.21	ng	99
63) 4-Chlorophenyl-phenyle...	8.761	204	251699	88.84	ng	82
64) Diethylphthalate	8.638	149	459084	93.37	ng	95
65) 4-Nitroaniline	8.771	138	6566	5.33	ng	17
66) Atrazine	9.509	200	19285	12.56	ng	35
68) 4,6-Dinitro-2-methylph...	8.803	198	106273	102.32	ng	100
69) n-Nitrosodiphenylamine	8.873	169	359272	77.79	ng	97
71) 1,2-Diphenylhydrazine	8.916	77	450978	96.16	ng	83
72) 4-Bromophenyl-phenylether	9.247	248	178991	96.28	ng	77
73) Hexachlorobenzene	9.311	284	195248	91.84	ng	57
75) Pentachlorophenol	9.509	266	135206	98.82	ng	98
76) Phenanthrene	9.750	178	754913	94.91	ng	97
77) Anthracene	9.804	178	743794	93.39	ng	98

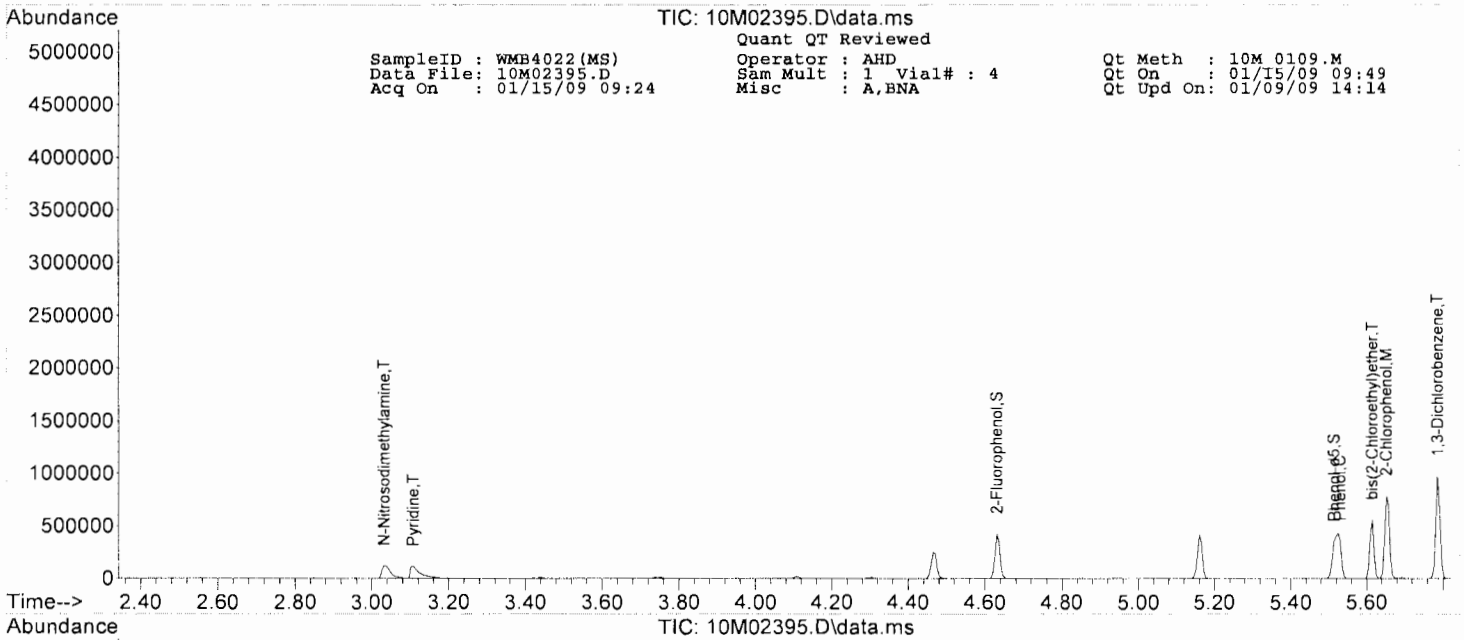
Quantitation Report (QT Reviewed)

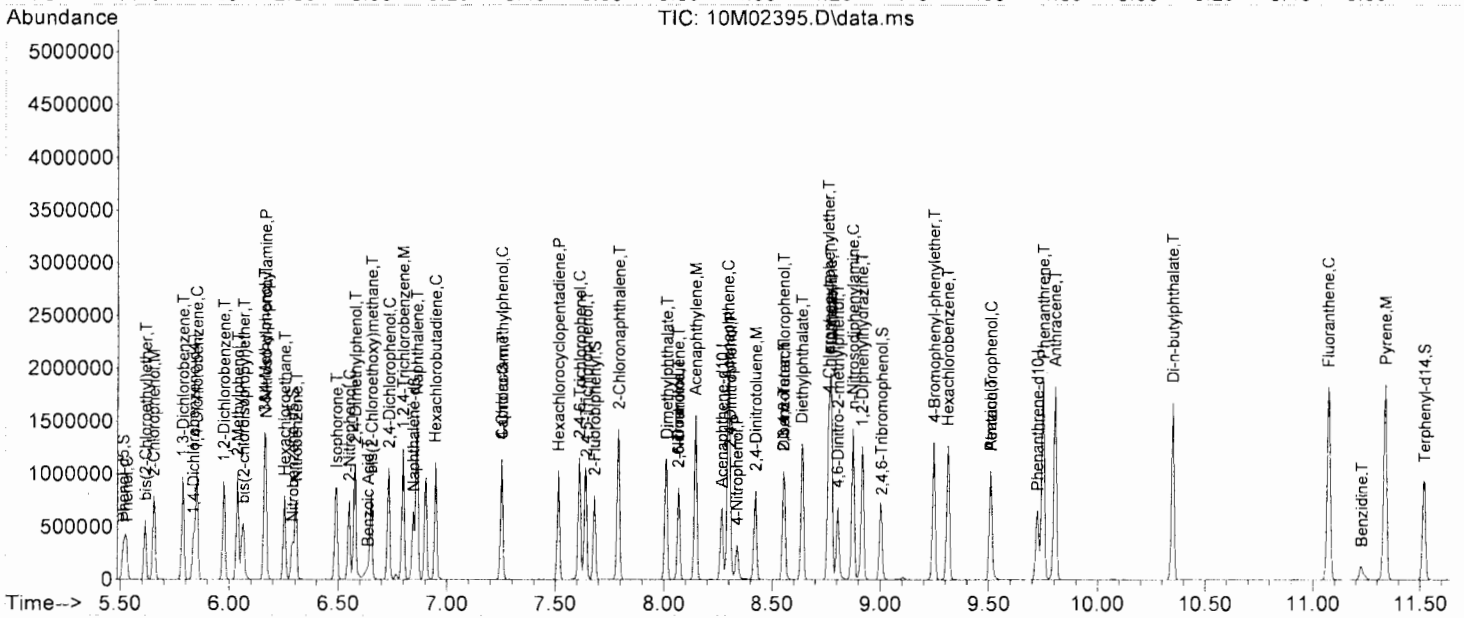
SampleID : WMB4022(MS) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02395.D Sam Mult : 1 Vial# : 4 Qt On : 01/15/09 09:49
Acq On : 01/15/09 09:24 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
79)	Di-n-butylphthalate	10.349	149	793580	101.49 ng	97
80)	Fluoranthene	11.071	202	856701	100.59 ng	84
82)	Pyrene	11.339	202	864134	90.32 ng	79
83)	Benzidine	11.226	184	59787	23.75 ng	80
88)	Butylbenzylphthalate	12.103	149	358921	95.72 ng	72
92)	3,3'-Dichlorobenzidine	12.724	252	319220	131.16 ng	94
93)	Benzo[a]anthracene	12.751	228	871525	91.69 ng	98
94)	Chrysene	12.799	228	886160	92.35 ng	96
95)	bis(2-Ethylhexyl)phtha...	12.799	149	513575	102.43 ng	89
97)	Di-n-octylphthalate	13.542	149	825514	95.92 ng	99
98)	Benzo[b]fluoranthene	13.959	252	863384	92.67 ng	89
99)	Benzo[k]fluoranthene	13.992	252	904810	92.04 ng	89
100)	Benzo[a]pyrene	14.318	252	851137	96.22 ng	87
101)	Indeno[1,2,3-cd]pyrene	15.682	276	960374	98.42 ng	65
102)	Dibenzo[a,h]anthracene	15.703	278	821637	100.78 ng	81
103)	Benzo[g,h,i]perylene	16.056	276	814687	96.99 ng	73

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


Abundance
TIC: 10M02395.D\data.ms
Quant QT Reviewed
SampleID : WMB4022(MS)
Data File: 10M02395.D
Acq On : 01/15/09 09:24
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/15/09 09:49
Qt Upd On: 01/09/09 14:14
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Phenol-d5,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
1,3-Dichlorobenzene,T
Time-->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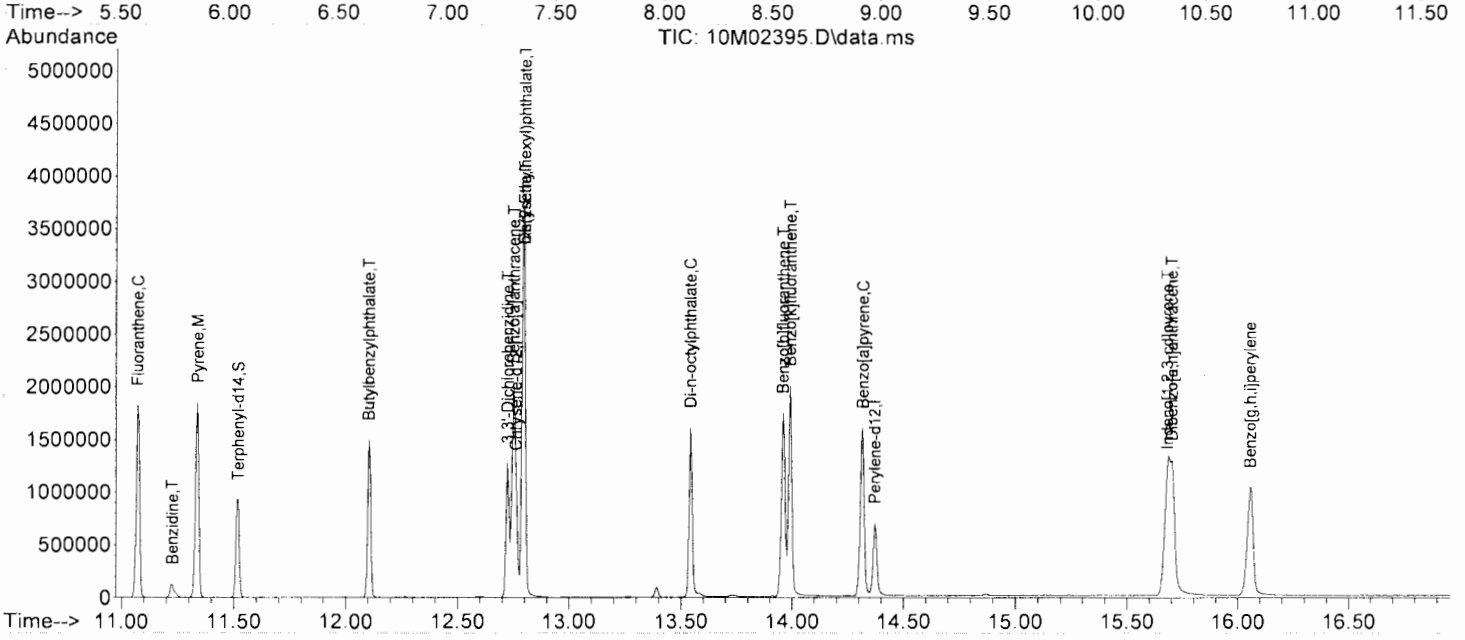
Time-->


Abundance
TIC: 10M02395.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : AC42118-004(T)(MS) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02398.D Sam Mult : 1 Vial# : 7 Qt On : 01/15/09 11:18
Acq On : 01/15/09 10:32 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.840	152	59697	40.00	ng	-0.02
23) Naphthalene-d8	6.846	136	222630	40.00	ng	-0.02
41) Acenaphthene-d10	8.269	164	136453	40.00	ng	-0.03
67) Phenanthrene-d10	9.723	188	238100	40.00	ng	-0.03
81) Chrysene-d12	12.761	240	274230	40.00	ng	-0.03
96) Perylene-d12	14.371	264	288400	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	4.637	112	112340	65.59	ng	-0.02
Spiked Amount 100.000			Recovery = 65.59%			
9) Phenol-d5	5.519	99	157079	66.58	ng	-0.02
Spiked Amount 100.000			Recovery = 66.58%			
24) Nitrobenzene-d5	6.290	128	42454	44.31	ng	-0.02
Spiked Amount 50.000			Recovery = 88.62%			
46) 2-Fluorobiphenyl	7.680	172	217412	43.20	ng	-0.03
Spiked Amount 50.000			Recovery = 86.40%			
70) 2,4,6-Tribromophenol	9.007	330	82130	81.91	ng	-0.02
Spiked Amount 100.000			Recovery = 81.91%			
84) Terphenyl-d14	11.521	244	358956	45.41	ng	-0.03
Spiked Amount 50.000			Recovery = 90.82%			
Target Compounds						Qvalue
2) Pyridine	3.112	79	121645	67.42	ng	68
3) N-Nitrosodimethylamine	3.038	74	91841	95.19	ng	86
8) bis(2-Chloroethyl)ether	5.616	93	153019	85.21	ng	80
10) Phenol	5.530	94	166535	66.86	ng	94
11) 2-Chlorophenol	5.658	128	153097	73.35	ng	77
13) 1,3-Dichlorobenzene	5.787	146	200095	85.63	ng	99
14) 1,4-Dichlorobenzene	5.851	146	210911	84.75	ng	98
15) 1,2-Dichlorobenzene	5.974	146	197902	88.03	ng	98
17) bis(2-chloroisopropyl)...	6.065	45	172559	89.65	ng	66
18) 2-Methylphenol	6.038	108	152876	81.58	ng	99
20) Hexachloroethane	6.252	117	75074	86.57	ng	64
21) N-Nitroso-di-n-propyla...	6.167	70	137287	88.59	ng	75
22) 3&4-Methylphenol	6.161	108	160624	76.83	ng	84
25) Nitrobenzene	6.306	77	198858	92.78	ng	80
26) Isophorone	6.493	82	318834	85.07	ng	82
27) 2-Nitrophenol	6.552	139	87058	72.26	ng	92
28) 2,4-Dimethylphenol	6.578	107	145706	68.74	ng	93
29) Benzoic Acid	6.632	105	13558	10.71	ng	89
30) bis(2-Chloroethoxy)met...	6.653	93	202357	92.32	ng	97
31) 2,4-Dichlorophenol	6.734	162	137972	76.68	ng	86
32) 1,2,4-Trichlorobenzene	6.798	180	187691	87.01	ng	98
33) Naphthalene	6.862	128	562526	87.81	ng	99
35) Hexachlorobutadiene	6.947	225	112328	86.06	ng	97
37) 4-Chloro-3-methylphenol	7.252	107	159964	85.75	ng	85
43) Hexachlorocyclopentadiene	7.514	237	135084	85.44	ng	98
44) 2,4,6-Trichlorophenol	7.611	196	117223	81.47	ng	98
45) 2,4,5-Trichlorophenol	7.643	196	122259	78.29	ng	99
47) 2-Chloronaphthalene	7.793	162	397563	91.99	ng	91
51) 2-Nitroaniline	8.065	65	6527	4.44	ng	48
52) Acenaphthylene	8.146	152	624719	90.68	ng	99
53) Dimethylphthalate	8.012	163	460052	93.78	ng	98
54) 2,6-Dinitrotoluene	8.071	165	106177	90.84	ng	55
55) Acenaphthene	8.295	153	396059	88.26	ng	95
57) 2,4-Dinitrophenol	8.306	184	10221	13.76	ng	88
58) Dibenzofuran	8.552	168	28836	4.60	ng	30
59) 2,4-Dinitrotoluene	8.424	165	141998	95.17	ng	64
60) 4-Nitrophenol	8.343	65	66023	70.08	ng	84
61) 2,3,4,6-Tetrachlorophenol	8.557	232	116057	76.71	ng	80
62) Fluorene	8.771	166	473541	89.66	ng	98
63) 4-Chlorophenyl-phenyle...	8.761	204	246537	90.07	ng	83
64) Diethylphthalate	8.643	149	458295	96.49	ng	95
65) 4-Nitroaniline	8.771	138	6574	5.52	ng	16
66) Atrazine	9.509	200	11216	7.56	ng	35
68) 4,6-Dinitro-2-methylph...	8.803	198	30497	34.70	ng	100
69) n-Nitrosodiphenylamine	8.873	169	359544	80.01	ng	98
71) 1,2-Diphenylhydrazine	8.916	77	446040	97.76	ng	82
72) 4-Bromophenyl-phenylether	9.247	248	174433	96.44	ng	78
73) Hexachlorobenzene	9.317	284	188836	91.30	ng	51
75) Pentachlorophenol	9.509	266	81599	62.69	ng	99
76) Phenanthrene	9.750	178	755904	97.68	ng	97
77) Anthracene	9.804	178	729500	94.14	ng	99
79) Di-n-butylphthalate	10.349	149	793548	104.31	ng	97

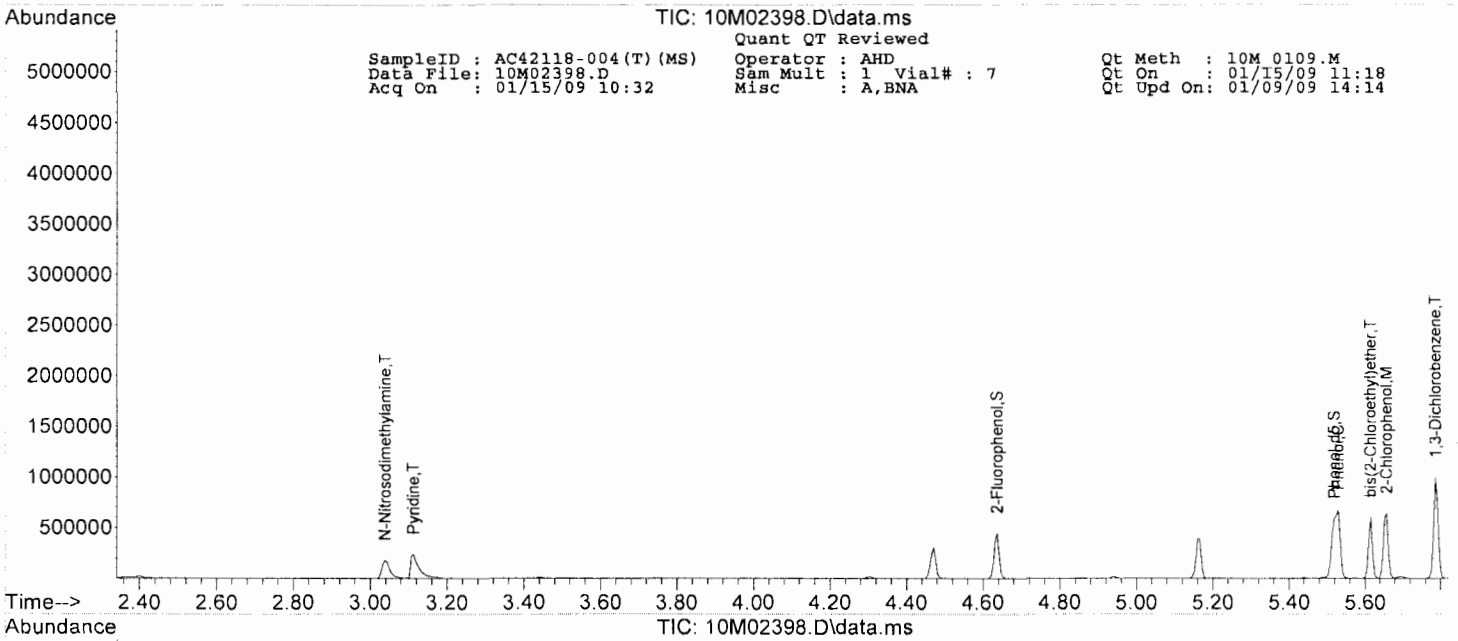
Quantitation Report (QT Reviewed)

SampleID : AC42118-004(T)(MS) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02398.D Sam Mult : 1 Vial# : 7 Qt On : 01/15/09 11:18
Acq On : 01/15/09 10:32 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
80)	Fluoranthene	11.077	202	855476	103.24 ng	81
82)	Pyrene	11.339	202	852772	88.39 ng	81
83)	Benzidine	11.226	184	32964	12.53 ng	79
88)	Butylbenzylphthalate	12.109	149	361965	95.72 ng	66
93)	Benzo[a]anthracene	12.751	228	887190	92.55 ng	97
94)	Chrysene	12.794	228	915247	94.58 ng	96
95)	bis(2-Ethylhexyl)phtha...	12.799	149	525053	103.84 ng	88
97)	Di-n-octylphthalate	13.542	149	849269	99.05 ng	99
98)	Benzo[b]fluoranthene	13.960	252	893720	96.46 ng	90
99)	Benzo[k]fluoranthene	13.992	252	938868	96.04 ng	89
100)	Benzo[a]pyrene	14.318	252	869143	98.81 ng	87
101)	Indeno[1,2,3-cd]pyrene	15.682	276	1007654	103.84 ng	65
102)	Dibenzo[a,h]anthracene	15.703	278	857499	105.76 ng	82
103)	Benzo[g,h,i]perylene	16.056	276	838748	100.41 ng	74

(#) = qualifier out of range (m) = manual integration (+) = signals summed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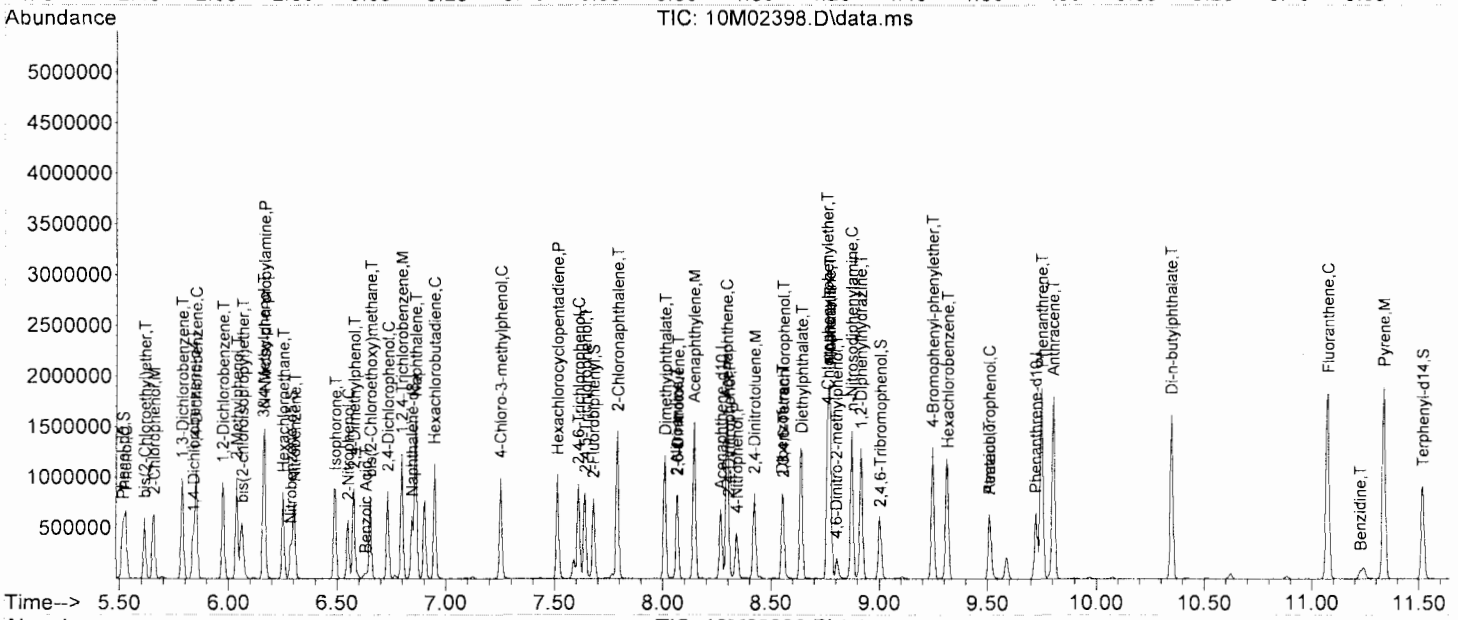
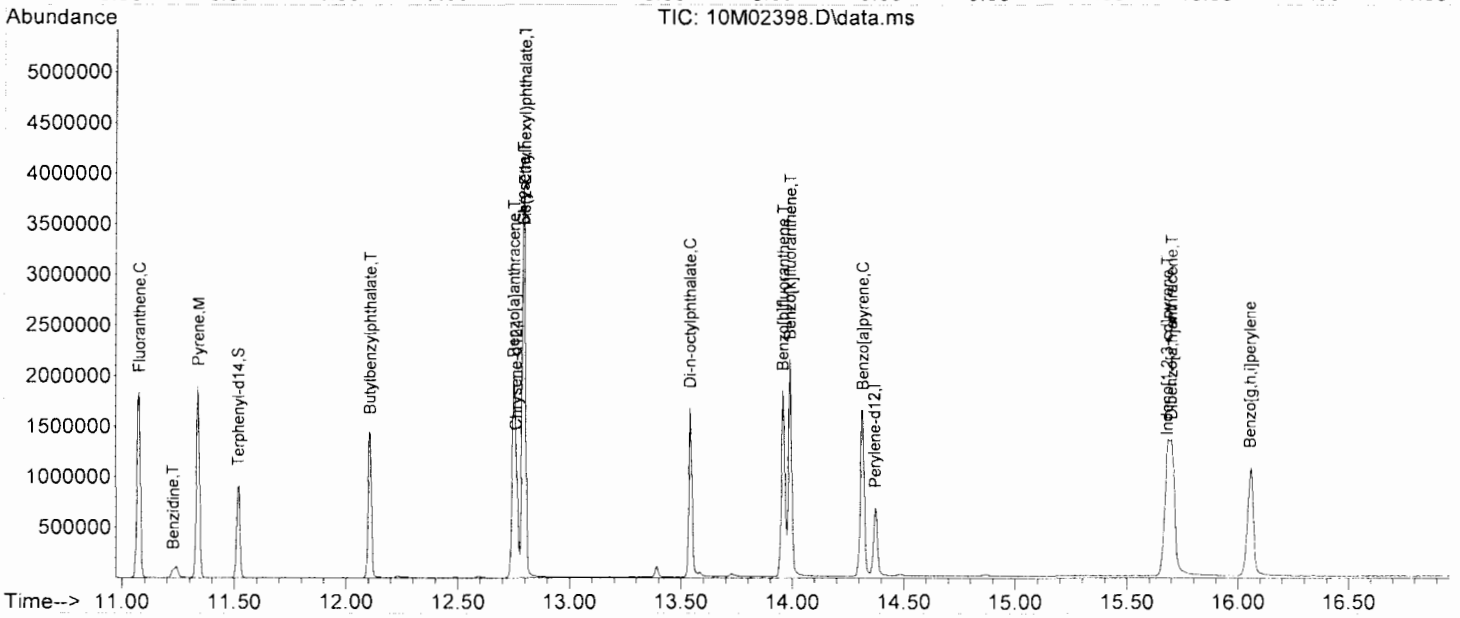
Quant QT Reviewed
SampleID : AC42118-004(T)(MS)
Data File: 10M02398.D
Acq On : 01/15/09 10:32
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/15/09 11:18
Qt Upd On: 01/09/09 14:14
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
1,3-Dichlorobenzene,T
Time-->


Abundance
TIC: 10M02398.D\data.ms
Isophorone,T
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,P
2-Chloronaphthalene,T
Dimethylphthalate,T
Acenaphthylene,M
2,4-Dinitrotoluene,M
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Anthracene,T
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02398.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Chrysene-d12,I
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,T
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : AC42118-004(T)(MSD) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02399.D Sam Mult : 1 Vial# : 8 Qt On : 01/15/09 11:18
Acq On : 01/15/09 10:55 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.835	152	60259	40.00	ng	-0.03
23) Naphthalene-d8	6.846	136	222825	40.00	ng	-0.02
41) Acenaphthene-d10	8.268	164	134209	40.00	ng	-0.03
67) Phenanthrene-d10	9.723	188	235304	40.00	ng	-0.03
81) Chrysene-d12	12.761	240	270910	40.00	ng	-0.03
96) Perylene-d12	14.371	264	285744	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	4.637	112	149047	86.21	ng	-0.02
Spiked Amount 100.000			Recovery = 86.21%			
9) Phenol-d5	5.519	99	193745	81.35	ng	-0.02
Spiked Amount 100.000			Recovery = 81.35%			
24) Nitrobenzene-d5	6.289	128	44008	45.89	ng	-0.02
Spiked Amount 50.000			Recovery = 91.78%			
46) 2-Fluorobiphenyl	7.680	172	209563	42.34	ng	-0.03
Spiked Amount 50.000			Recovery = 84.68%			
70) 2,4,6-Tribromophenol	9.007	330	95047	95.92	ng	-0.02
Spiked Amount 100.000			Recovery = 95.92%			
84) Terphenyl-d14	11.520	244	357059	45.72	ng	-0.03
Spiked Amount 50.000			Recovery = 91.44%			
Target Compounds						Qvalue
2) Pyridine	3.112	79	114739	63.00	ng	68
3) N-Nitrosodimethylamine	3.043	74	89254	91.65	ng	87
8) bis(2-Chloroethyl)ether	5.616	93	148582	81.96	ng	78
10) Phenol	5.530	94	205815	81.86	ng	94
11) 2-Chlorophenol	5.658	128	190225	90.28	ng	77
13) 1,3-Dichlorobenzene	5.787	146	193732	82.13	ng	95
14) 1,4-Dichlorobenzene	5.851	146	205687	81.88	ng	97
15) 1,2-Dichlorobenzene	5.974	146	191498	84.38	ng	98
17) bis(2-chloroisopropyl)...	6.065	45	166770	85.83	ng	63
18) 2-Methylphenol	6.038	108	168078	88.86	ng	98
20) Hexachloroethane	6.252	117	72068	82.33	ng	61
21) N-Nitroso-di-n-propyla...	6.166	70	132031	84.41	ng	76
22) 3&4-Methylphenol	6.161	108	181973	86.23	ng	89
25) Nitrobenzene	6.305	77	192708	89.83	ng	80
26) Isophorone	6.493	82	315310	84.05	ng	82
27) 2-Nitrophenol	6.552	139	109178	90.54	ng	90
28) 2,4-Dimethylphenol	6.578	107	154767	72.95	ng	94
29) Benzoic Acid	6.669	105	123199	97.27	ng	90
30) bis(2-Chloroethoxy)met...	6.653	93	198245	90.36	ng	97
31) 2,4-Dichlorophenol	6.733	162	171007	94.96	ng	86
32) 1,2,4-Trichlorobenzene	6.798	180	183032	84.78	ng	98
33) Naphthalene	6.862	128	547181	85.34	ng	98
35) Hexachlorobutadiene	6.947	225	107508	82.30	ng	97
37) 4-Chloro-3-methylphenol	7.252	107	178084	95.38	ng	84
43) Hexachlorocyclopentadiene	7.514	237	134034	86.16	ng	99
44) 2,4,6-Trichlorophenol	7.611	196	136629	96.54	ng	97
45) 2,4,5-Trichlorophenol	7.643	196	148594	96.75	ng	99
47) 2-Chloronaphthalene	7.792	162	378807	89.12	ng	91
51) 2-Nitroaniline	8.065	65	6657	4.60	ng	49
52) Acenaphthylene	8.145	152	601773	88.81	ng	98
53) Dimethylphthalate	8.012	163	443092	91.84	ng	98
54) 2,6-Dinitrotoluene	8.071	165	103495	90.03	ng	51
55) Acenaphthene	8.301	153	384313	87.08	ng	97
57) 2,4-Dinitrophenol	8.306	184	42168	55.00	ng	80
58) Dibenzofuran	8.552	168	32633	5.29	ng	31
59) 2,4-Dinitrotoluene	8.424	165	139445	95.02	ng	64
60) 4-Nitrophenol	8.343	65	82746	89.29	ng	81
61) 2,3,4,6-Tetrachlorophenol	8.557	232	136880	91.99	ng	79
62) Fluorene	8.771	166	457154	88.01	ng	98
63) 4-Chlorophenyl-phenyle...	8.761	204	236937	88.01	ng	82
64) Diethylphthalate	8.643	149	430531	92.16	ng	94
65) 4-Nitroaniline	8.771	138	6690	5.71	ng	17
66) Atrazine	9.509	200	20410	13.99	ng	35
68) 4,6-Dinitro-2-methylph...	8.803	198	75237	78.90	ng	100
69) n-Nitrosodiphenylamine	8.873	169	339932	76.55	ng	98
71) 1,2-Diphenylhydrazine	8.916	77	426139	94.50	ng	83
72) 4-Bromophenyl-phenylether	9.247	248	166494	93.15	ng	77
73) Hexachlorobenzene	9.311	284	178935	87.54	ng	56
75) Pentachlorophenol	9.509	266	137679	104.31	ng	97
76) Phenanthrene	9.750	178	724531	94.74	ng	98
77) Anthracene	9.803	178	699145	91.30	ng	98
79) Di-n-butylphthalate	10.349	149	758464	100.88	ng	97

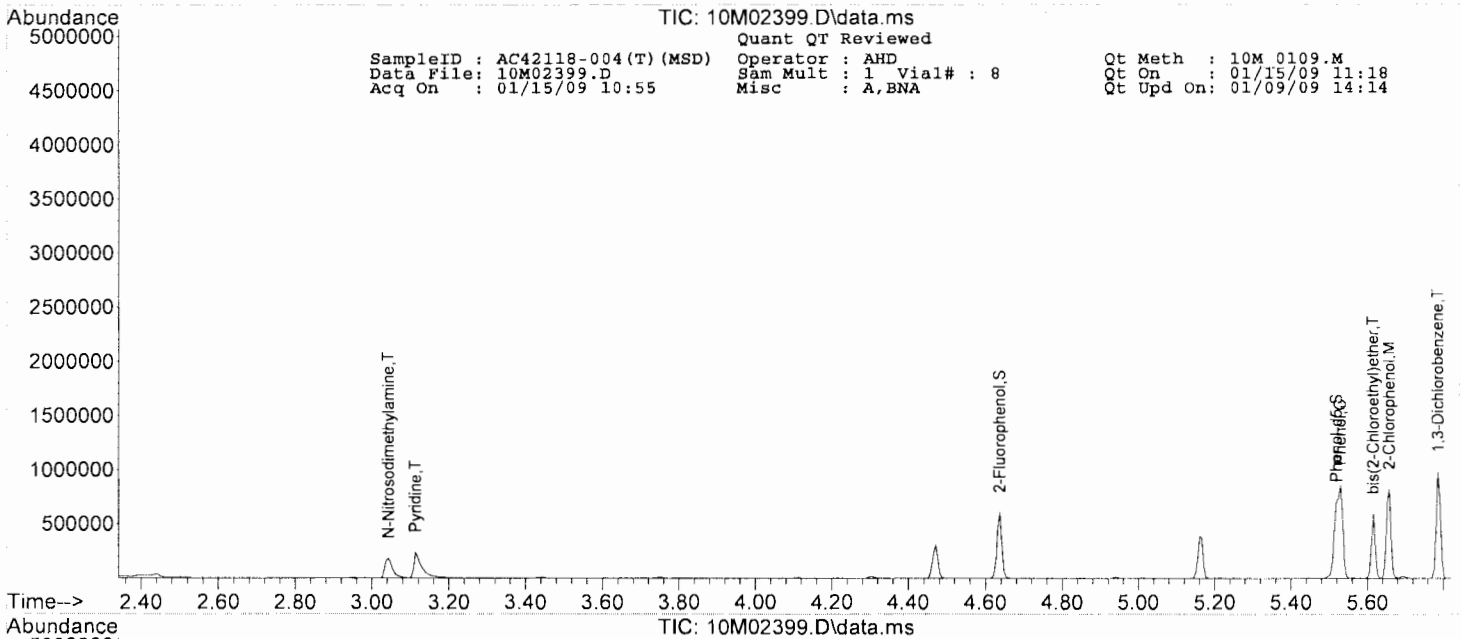
Quantitation Report (QT Reviewed)

Sample1D : AC42118-004(T)(MSD) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02399.D Sam Mult : 1 Vial# : 8 Qt On : 01/15/09 11:18
Acq On : 01/15/09 10:55 Misc : A,BNA Qt Upd On: 01/09/09 14:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-15-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80)	Fluoranthene	11.076	202	814799	99.50	ng	81
82)	Pyrene	11.339	202	820133	86.04	ng	80
83)	Benzidine	11.226	184	9556	3.58	ng	85
88)	Butylbenzylphthalate	12.103	149	346197	92.72	ng	70
93)	Benzo[a]anthracene	12.751	228	842185	88.93	ng	98
94)	Chrysene	12.793	228	865413	90.52	ng	96
95)	bis(2-Ethylhexyl)phtha...	12.799	149	486996	97.49	ng	88
97)	Di-n-octylphthalate	13.542	149	801772	94.62	ng	99
98)	Benzo[b]fluoranthene	13.959	252	840949	91.61	ng	90
99)	Benzo[k]fluoranthene	13.991	252	876619	90.50	ng	88
100)	Benzo[a]pyrene	14.312	252	820927	94.19	ng	88
101)	Indeno[1,2,3-cd]pyrene	15.682	276	933703	97.12	ng	67
102)	Dibenzo[a,h]anthracene	15.703	278	808817	100.69	ng	80
103)	Benzo[g,h,i]perylene	16.056	276	768167	92.82	ng	74

(#) = qualifier out of range (m) = manual integration (+) = signals summed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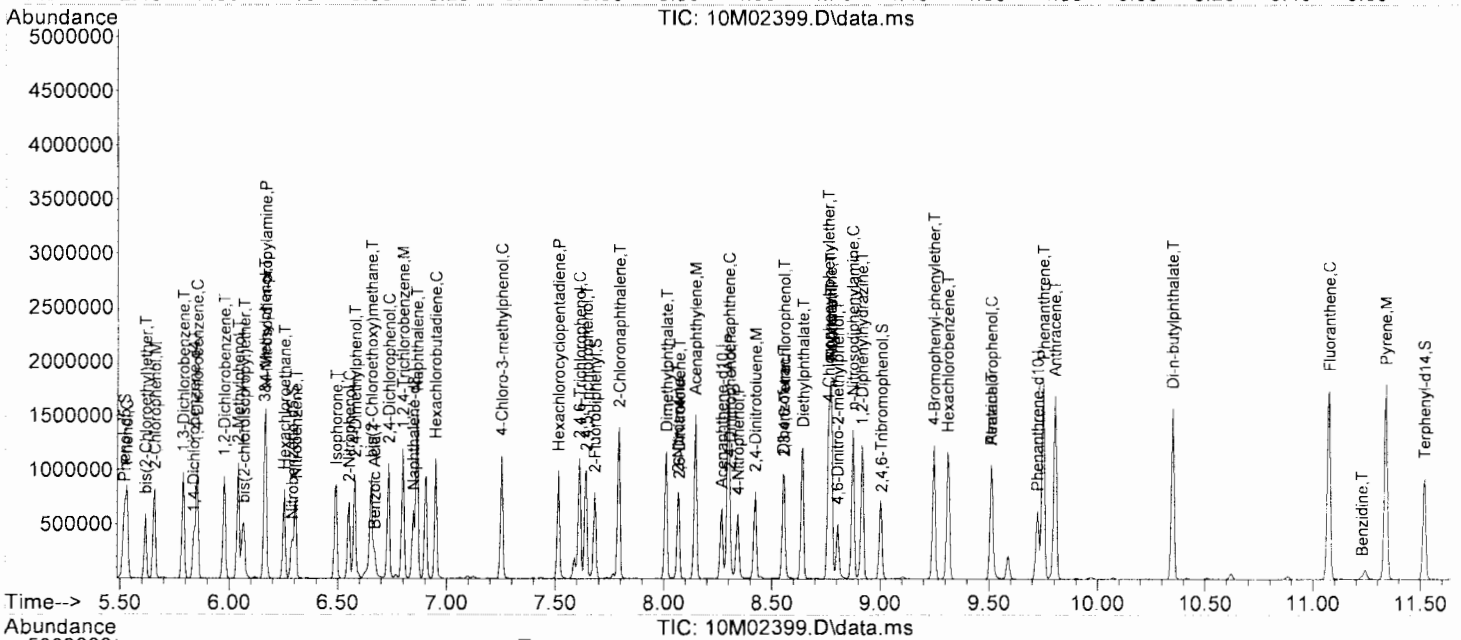
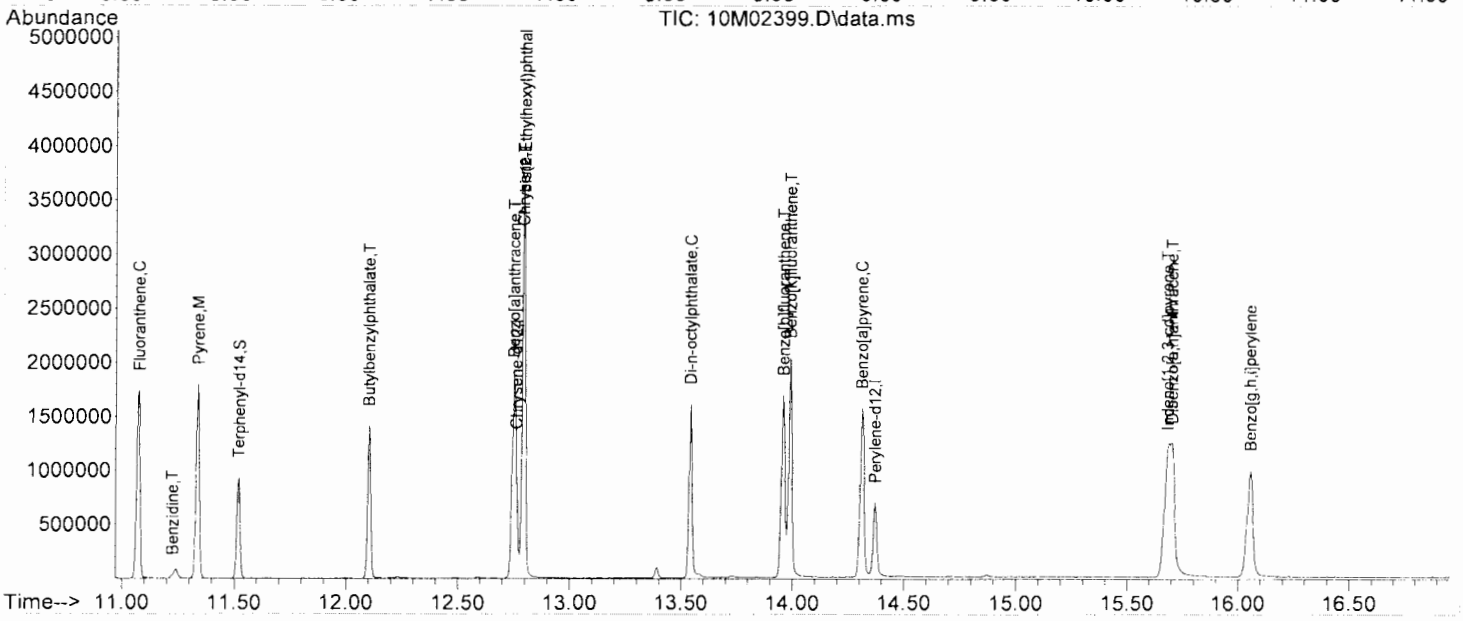
Quant QT Reviewed
SampleID : AC42118-004(T)(MSD)
Data File: 10M02399.D
Acq On : 01/15/09 10:55
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/15/09 11:18
Qt Upd On: 01/09/09 14:14
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
1,3-Dichlorobenzene,T
Time-->


Abundance
TIC: 10M02399.D\data.ms
Isophorone,T
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,P
2-Chloronaphthalene,T
Dimethylphthalate,T
Acenaphthylene,M
2,4-Dinitrotoluene,M
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Phenanthrene,T
Anthracene,T
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Time-->


Abundance
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Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

GC/MS Semi-Volatile Data
Logbook Data

Extraction of Semi-volatile - Aqueous
Method 3510 C

Method Blank No. WMB-4022 Date: 01/14/2009
Blank Spike (MBS): 4020 ; 4022 Matrix Spike: 42094-001 ; 42118-004

Sample Number	Number in Batch	Initial Volume	Final Volume	Fraction			Extracted By/ Comments	Ext. by	TCLP QC	Extract Fluid
				BN	BNA	AE				
MB 4022	X	1000mL	1mL		X			ABM	42118-	EF-1
MBS 4022	X	↓							004	V-58362
42118-002	15	250mL							1	6
42118-006	16								2	7
42118-008	17								3	8
42118-010	18								4	9
42118-012	19								5	10
42116-002	20								6	11
MS42118-004	X									EF2
MSD42118-004	X									V-58787
42118-004	1	↓	↓						7	7
42124-001	2	940mL								
42123-006	3	500mL	0.5mL				½ SURR			
42094-002	R	990mL	1mL							
42094-006	R									
42094-007	R	↓			↓					
42126-001	4	1000mL		X						
42051-004	R	250mL			X					
42108-006	R	1000mL	↓	X						

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	2000	V-3752	BN SPK
↓	↓	V-3829	ACID COMP
		V-30966	PYRIDINE

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	1000/2000	V-44166	BN SURR

Reagent Lots: MeCL2 V-3774 Acetone _____ Hexane _____ Na2SO4 V-3780

Other _____

Relinquished By: ABM Date: 01/14/2009
Received By: [signature] Date: 01/14/09
01/15/09

Extraction of Semi-volatile - Aqueous
Method 3510 C

Method Blank No. WMB- 4024 Date: 01-16-09
Blank Spike (MBS): 4022; 4024 Matrix Spike: 42118-004

Sample Number	Number in Batch	Initial Volume	Final Volume	Fraction			Extracted By/ Comments	Ext. by	TCLP QC	Extract Fluid
				BN	BNA	AE				
MB 4024	X	1000 ML	1 ML		X			JK		
MBS 4024	X	↓	↓		↓			↓		
42169-003	17	↓								
42169-007	18	950								
42157-015	19	950			↓					
42140-002	20	1000		X						
MS 42140001	X	500			X					
MSD 42140-001	X	↓			↓					
42140001	1	↓	0.5 ML		↓		1/2 SURR	↓		

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	2000	V3752	BN SPK
		V3829	ACID COMP
↓	↓	V50966	PYRIDINE

jk 01/16/09
Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	1000/2000	V44166	BN SURR

Reagent Lots: MeCL2 V-3774 Acetone _____ Hexane _____ Na2SO4 V-3780

Other _____

Relinquished By: JK Date: 01-16-09
Received By: CR Date: 01/16/09

Analysis: BN/ BNA / AE

Method Blank No. SMB- 4007
Blank Spike (SMBS): 4006
Blank Spike (SMBS): 4007

Date: 01-15-09
Matrix Spike: 42137-002
Matrix Spike: 42110-018

SONICATION EXTRACTION (3550B) UNLESS CHECKED HERE: ASE (3545)_____

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Extracted By/Comments
MB 4007	X	30g	1.0 mL		X		JH
MBS 4007	X	↓	↓		↓		↓
42110-001	13	↓	↓	X			↓
42110-002	14	↓	↓	↓			↓
42110-005	15	↓	↓	↓			↓
42110-007	16	↓	↓	↓			↓
42110-009	17	↓	↓	↓			↓
42110-011	18	↓	↓	↓			↓
42110-017	19	↓	↓	↓			↓
42110-019	20	↓	↓	↓			↓
MS 42110-018	X	↓	↓	↓			↓
MSD 42110-018	X	↓	↓	↓			↓
42110-018	1	↓	↓	↓			↓
42012-009	2	↓	↓	↓			↓
	3						
~~42118-002~~	~~(R)~~	JH 01/15/09					

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	VARIOUS	55535	BN SPK

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	1000/2000	V-44166	BN SURR

Reagent Lots: MeCL2 V3774 Acetone V-3701 Hexane _____ Na2SO4 V3780 Ether _____
MTBE _____ Other _____

Relinquished By: JH
Received By: JH

Date: 01-15-09
Date: 01/15/09

Analysis: BN/ BNA / AE

Method Blank No. SMB- 4008 ND 1115109 Date: 1/15/09
Blank Spike (SMBS): ~~4007, 4008~~ Matrix Spike: 42110-018
Blank Spike (SMBS): _____ Matrix Spike: _____

SONICATION EXTRACTION (3550B) UNLESS CHECKED HERE: ASE (3545)_____

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Extracted By/Comments
MB: 4008	X	30g	1.0ML				ND
MBS - 4008	X						
42169-001	3						
42169-005	4						
42183-002	5						
42183-004	6						
42183-006	7						
42183-008	8						
42183-010	9						
42183-012	10						
42183-014	11						
42170-001	12						
42170-002	13						
42170-003	14						
42176-001	15						
42176-002	16						
42176-003	17						
42176-004	18						
42144-001	19						
42144-002	20						

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	VARIOUS	V55535	BNSPK

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	1000/2000	V-44166	BNSURR

Reagent Lots: MeCL2 V3774 Acetone V-3701 Hexane _____ Na2SO4 V-3780 Ether _____
MTBE _____ Other _____

Relinquished By: _____ Date: 1/15/09
Received By: _____ Date: 01/16/09

1-1-9M15716

RUN LOG

Instrument: GCMS_9 Year: 2007 0472
Analyst: AHD

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M15716.	CAL DFTPP	Ed1=0.15:Oc	OK,V-53307	AHD		Aqueous	1	1		01/07 11:37
9M15717.	CAL BNA@196PPM	Oc	OK,V-58463	AHD		Aqueous	1	1	625 8270	01/07 12:46
9M15718.	CAL BNA@160PPM	Oc	OK,V-58462	AHD		Aqueous	1	1	625 8270	01/07 13:13
9M15719.	CAL BNA@120PPM		OK,V-58461	AHD		Aqueous	1	1	625 8270	01/07 13:35
9M15720.	CAL BNA@80PPM		OK,V-58460	AHD		Aqueous	1	1	625 8270	01/07 13:58
9M15721.	CAL BNA@50PPM		OK,V-58459	AHD		Aqueous	1	1	625 8270	01/07 14:20
9M15722.	CAL BNA@20PPM		OK,V-58458	AHD		Aqueous	1	1	625 8270	01/07 14:43
9M15723.	CAL BNA@10PPM		OK,V-58457	AHD		Aqueous	1	1	625 8270	01/07 15:05
9M15724.	CAL BNA@2PPM		OK,V-58465	AHD		Aqueous	1	1	625 8270	01/07 15:28
9M15725.	ICVBNA@50PPM	Ivo	OK,V-58579	AHD		Aqueous	1	1	625 8270	01/07 15:50
9M15726.	TEST		OK	AHD		Aqueous	1	1	625 8270	01/07 16:54
9M15727.	TEST(MS)		OK	AHD		Aqueous	1	1	625 8270	01/07 17:44
9M15728.	WMB4015		OK	AHD		Aqueous	1	1	625 8270	01/07 18:07

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tnln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tnlo Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rls	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cmo	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibratinn

RUN LOG

1-1-10M02298

Instrument: GCMS_10 Year: 20
Analyst: AHD

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1[illegible]2298.	CAL DFTPP		OK,V-53307	AHD						01/09 09:04
1[illegible]2299.	CAL BNA@196PPM	Oc	OK,V-58463	AHD		Aqueous	1	1	625 8270	01/09 09:33
10M02300.	CAL BNA@160PPM	Oc	OK,V-58462	AHD		Aqueous	1	1	625 8270	01/09 09:56
10M02301.	CAL BNA@120PPM	Oc	OK,V-58461	AHD		Aqueous	1	1	625 8270	01/09 10:18
10M02302.	CAL BNA@80PPM	v	OK,V-58460	AHD		Aqueous	1	1	625 8270	01/09 10:41
10M02303.	CAL BNA@50PPM	v	OK,V-58459	AHD		Aqueous	1	1	625 8270	01/09 11:04
10M02304.	CAL BNA@20PPM	v	OK,V-58458	AHD		Aqueous	1	1	625 8270	01/09 11:27
10M02305.	CAL BNA@10PPM	v	OK,V-58457	AHD		Aqueous	1	1	625 8270	01/09 11:50
10M02306.	CAL BNA@2PPM	v	OK,V-58465	AHD		Aqueous	1	1	625 8270	01/09 12:13
10M02307.	ICV BNA@50PPM	Ivolvo	OK,V-58579	AHD		Aqueous	1	1	625 8270	01/09 12:36
10M02308.	WMB4019(MS)		OK WMB4019	AHD		Aqueous	1	1	625 8270	01/09 14:10
10M02309.	WMB4019		OK	AHD		Aqueous	1	1	625 8270	01/09 14:32
10M02310.	WMB4018(MS)		OK WMB4018	AHD		Aqueous	1	1	625 8270	01/09 14:55
10M02311.	WMB4018		OK	AHD		Aqueous	1	1	625 8270	01/09 15:18
10M02312.	AC41842-010	Eo	OK	AHD	BNA-625	Aqueous	1	1	625	01/09 15:41
10M02313.	AC42026-002(R)	Sb6	EXTRACTED TWICE,NO SAMPLE LE	AHD	BN15-625	Aqueous	1	1	625	01/09 16:27
10M02314.	WMB4015(MS)		OK WMB4015	AHD		Aqueous	1	1	625 8270	01/09 16:50
10M02315.	WMB4015		OK	AHD		Aqueous	1	1	625 8270	01/09 17:12
10M02316.	AC41930-008(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/09 17:35
10M02317.	AC42070-001		OK	AHD	BNA-625	Aqueous	1	1	625	01/09 17:58
10M02318.	AC42033-001		OK	AHD	BN15-625	Aqueous	1	1	625	01/09 18:21
10M02319.	AC42040-001		OK	AHD	BN15-625	Aqueous	1	1	625	01/09 18:44
10M02320.	AC42040-002		OK	AHD	BN15-625	Aqueous	1	1	625	01/09 19:06
10M02321.	AC42040-003		OK	AHD	BN15-625	Aqueous	1	1	625	01/09 19:29
10M02322.	AC42024-001(R)		OK	AHD	BNA-625	Aqueous	1	1	625	01/09 19:52
10M02323.	AC42024-002(R)		OK	AHD	BNA-625	Aqueous	1	1	625	01/09 20:15
10M02324.	AC42069-001(20X)		OK,BAD MATRIX	AHD	BNA-625	Aqueous	80	20	625	01/09 20:38

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tnln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tnln Extraction Performed Outside of Hold	Evrc	Eval Mix missing diff or endrin
Bf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C[illegible]	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C[illegible]	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for Init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cma	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_9 Year: 2000
Analyst: AHD

1-1-9M15870

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M15870.	CAL DFTPP	Ed1=1.7 Oc	OK,V-53307	AHD		Aqueous	1	1		01/15 08:12
9M15871.	BNA@50PPM	CnAnc	NOT USED	AHD		Aqueous	1	1	625 8270	01/15 08:37
9M15872.	CAL BNA@50PPM	C16	OK,V-58459	AHD		Aqueous	1	1	625 8270	01/15 09:03
9M15873.	AC42137-002(MS)		OK	AHD	BNA25-8270	Soil	1	1	8270	01/15 09:25
9M15874.	AC42118-002(20X)	Sd	RE-EXTRACT	AHD	BNATAGM-8	Soil	20	20	8270	01/15 09:47
9M15875.	AC42138-001(5X)	Oc	RR 25X	AHD	BN-8270	Soil	5	5	8270	01/15 10:09
9M15876.	AC42110-041(5X)		RR STRAIGHT	AHD	BNPAH-8270	Soil	5	5	8270	01/15 10:32
9M15877.	AC42110-022		OK	AHD	BN15-8270	Soil	1	1	8270	01/15 10:54
9M15878.	AC42110-016		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/15 11:16
9M15879.	AC42110-015		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/15 11:38
9M15880.	AC42138-004		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/15 12:00
9M15881.	AC42138-001(25X)		OK	AHD	BN-8270	Soil	25	25	8270	01/15 12:23
9M15882.	OMB1145(MS)		OK OMB1145	AHD		OIL/OTH	1	1	8270	01/15 12:45
9M15883.	OMB1145		OK	AHD		OIL/OTH	1	1	8270	01/15 13:07
9M15884.	SMB4007(MS)		OK SMB4007	AHD		Soil	1	1	8270	01/15 13:30
9M15885.	SMB4007		OK	AHD		Soil	1	1	8270	01/15 13:52
9M15886.	AC42118-002(20X)(R)		OK	AHD	BNATAGM-8	OIL/OTH	20	20	8270	01/15 14:14
9M15887.	AC42110-041		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/15 14:36
9M15888.	AC42110-018		OK SMB4007	AHD	BNPAH-8270	Soil	1	1	8270	01/15 15:05
9M15889.	AC42110-018(MS)		OK SMB4007	AHD	BNPAH-8270	Soil	1	1	8270	01/15 15:27
9M15890.	AC42110-018(MSD)		OK SMB4007	AHD	BNPAH-8270	Soil	1	1	8270	01/15 15:49
9M15891.	AC42110-001		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/15 16:12
9M15892.	AC42110-002(20X)		RR 3X	AHD	BNPAH-8270	Soil	20	20	8270	01/15 16:34
9M15893.	AC42110-011		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/15 16:56
9M15894.	AC42110-005	Ao	RR	AHD	BNPAH-8270	Soil	1	1	8270	01/15 17:18
9M15895.	AC42110-019		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/15 17:41
9M15896.	AC42110-017		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/15 18:03
9M15897.	AC42110-007		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/15 18:25
9M15898.	AC42110-009		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/15 18:47
9M15899.	AC42012-009	Oc	RR 10X	AHD	BN15-8270	Soil	1	1	8270	01/15 19:09

Anc	Area Not Checknd	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tolo/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tolo Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hn	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	Ao Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Preo/rundates modcheckprerunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samplas/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_10 Year: 2004 75
Analyst: AHD

1-1-10M02392

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
10M02392.	CAL DFTPP	Ed1=0.58:Oc	OK,V-53307	AHD		Aqueous	1	1		01/15 08:12
10M02393.	CAL BNA@50PPM		OK,V-58459	AHD		Aqueous	1	1	625 8270	01/15 08:37
10M02394.	WMB4022		OK	AHD		Aqueous	1	1	625 8270	01/15 09:01
10M02395.	WMB4022(MS)		OK WMB4022	AHD		Aqueous	1	1	625 8270	01/15 09:24
10M02396.	AC42118-002(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/15 09:47
10M02397.	AC42118-004(T)		OK WMB4022	AHD	BNATCLP-82	Aqueous	1	1	8270	01/15 10:09
10M02398.	AC42118-004(T)(MS)	M16bM18a	OK WMB4022	AHD	BNATCLP-82	Aqueous	1	1	625 8270	01/15 10:32
10M02399.	AC42118-004(T)(MSD)	M16bR16R18	OK WMB4022	AHD	BNATCLP-82	Aqueous	1	1	625 8270	01/15 10:55
10M02400.	AC42108-006(10X)(R)		OK	AHD	BN15-625	Aqueous	10	10	625	01/15 11:18
10M02401.	AC42118-006(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/15 11:41
10M02402.	AC42118-008(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/15 12:03
10M02403.	AC42118-010(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/15 12:26
10M02404.	AC42118-012(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/15 12:49
10M02405.	AC42116-002(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/15 13:11
10M02406.	AC42123-006		OK	AHD	BNA25-8270	Aqueous	1	1	8270	01/15 13:34
10M02407.	AC42051-004(T)(R)	Eto	OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/15 13:57
10M02408.	AC42094-002(R)		OK	AHD	BNA-8270	Aqueous	1	1	8270	01/15 14:20
10M02409.	AC42094-007(R)		OK	AHD	BNA-8270	Aqueous	1	1	8270	01/15 14:42
10M02410.	AC42094-006(R)		OK	AHD	BNA-8270	Aqueous	1	1	8270	01/15 15:05
10M02411.	AC42126-001		OK	AHD	BN15-625	Aqueous	1	1	625	01/15 15:28
10M02412.	AC42124-001		OK	AHD	BNA-625	Aqueous	1	1	625	01/15 15:51

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B8m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddl or anddn
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C1	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C1	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chak rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cma	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/sndates modcheckprepround	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

1-1-9M15900

RUN LOG

Instrument: GCMS_9 Year: 2000 00476
Analyst: AHD

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M15900.	CAL DFTPP	Ed1=1.5 Oc	OK,V-53307	AHD		Aqueous	1	1		01/16 09:44
9M15901.	CAL BNA@50PPM	C16	OK,V-58459	AHD		Aqueous	1	1	625 8270	01/16 11:09
9M15902.	SMB4008		OK	AHD		Soil	1	1	8270	01/16 11:32
9M15903.	SMB4008(MS)		OK SMB4008	AHD		Soil	1	1	8270	01/16 11:54
9M15904.	AC42183-002(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	01/16 12:16
9M15905.	AC42012-009(10X)		OK	AHD	BN15-8270	Soil	10	10	8270	01/16 12:38
9M15906.	AC42110-002(3X)		OK	AHD	BNPAH-8270	Soil	3	3	8270	01/16 13:00
9M15907.	AC42110-005		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/16 13:22
9M15908.	AC42183-004(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	01/16 13:45
9M15909.	AC42183-006(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	01/16 14:07
9M15910.	AC42183-008(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	01/16 14:29
9M15911.	AC42183-010(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	01/16 14:51
9M15912.	AC42183-012(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	01/16 15:13
9M15913.	SMB4009(MS)		OK SMB4009	AHD		Soil	1	1	8270	01/16 15:36
9M15914.	SMB4009		OK	AHD		Soil	1	1	8270	01/16 15:58
9M15915.	AC42125-004		OK SMB4009	AHD	BNA25-8270	Soil	1	1	8270	01/16 16:20
9M15916.	AC42125-004(MS)		OK SMB4009	AHD	BNA25-8270	Soil	1	1	8270	01/16 16:42
9M15917.	AC42125-004(MSD)		OK SMB4009	AHD	BNA25-8270	Soil	1	1	8270	01/16 17:04
9M15918.	AC42183-014(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	01/16 17:27
9M15919.	AC42176-001		OK	AHD	BNA25-8270	Soil	1	1	8270	01/16 17:49
9M15920.	AC42176-002		OK	AHD	BNA25-8270	Soil	1	1	8270	01/16 18:11
9M15921.	AC42176-003		OK	AHD	BNA25-8270	Soil	1	1	8270	01/16 18:33
9M15922.	AC42176-004		OK	AHD	BNA25-8270	Soil	1	1	8270	01/16 18:55
9M15923.	AC42169-001		OK	AHD	BNA-8270	Soil	1	1	8270	01/16 19:17
9M15924.	AC42169-005		OK	AHD	BNA-8270	Soil	1	1	8270	01/16 19:40
9M15925.	AC42144-001		OK	AHD	BNA25-8270	Soil	1	1	8270	01/16 20:02
9M15926.	AC42144-002		OK	AHD	BNA25-8270	Soil	1	1	8270	01/16 20:24
9M15927.	AC42170-001		OK	AHD	BNA25-8270	Soil	1	1	8270	01/16 20:46
9M15928.	AC42170-002		OK	AHD	BN15-8270	Soil	1	1	8270	01/16 21:09
9M15929.	AC42170-003		OK	AHD	BN15-8270	Soil	1	1	8270	01/16 21:31

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Eto	Tclo/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclo Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	*Eval Time Exceeded*	R16 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cmo	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncds	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-10M02413

Instrument: GCMS_10 Year: 2004 77
Analyst: AHD

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
10M02413.	CAL DFTPP	Ed1=0.74;Oc	OK,V-53307	AHD		Aqueous	1	1		01/16 09:43
[illegible]2414.	CAL BNA@50PPM		OK,V-58459	AHD		Aqueous	1	1	625 8270	01/16 10:44
10M02415.	WMB4023		OK	AHD		Aqueous	1	1	625 8270	01/16 11:09
10M02416.	WMB4023(MS)		OK WMB4023	AHD		Aqueous	1	1	625 8270	01/16 11:32
10M02417.	AC42143-001(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/16 11:55
10M02418.	AC42144-009		OK	AHD	BNA25-8270	Aqueous	1	1	8270	01/16 12:17
10M02419.	AC42144-011		OK	AHD	BNA25-8270	Aqueous	1	1	8270	01/16 12:40
10M02420.	AC42148-005	Oc	RR 3X	AHD	BN15-8270	Aqueous	1	1	8270	01/16 13:02
10M02421.	AC42148-006	Oc	RR 3X	AHD	BN15-8270	Aqueous	1	1	8270	01/16 13:25
10M02422.	AC42148-008	Oc	RR 3X	AHD	BN15-8270	Aqueous	1	1	8270	01/16 13:48
10M02423.	AC42144-013		OK	AHD	BNA25-8270	Aqueous	1	1	8270	01/16 14:10
10M02424.	AC42144-014		OK	AHD	BNA25-8270	Aqueous	1	1	8270	01/16 14:33
10M02425.	WMB4024(MS)		OK WMB4024	AHD		Aqueous	1	1	625 8270	01/16 14:56
10M02426.	WMB4024		OK	AHD		Aqueous	1	1	625 8270	01/16 15:18
10M02427.	AC42148-005(3X)		OK	AHD	BN15-8270	Aqueous	3	3	8270	01/16 15:41
10M02428.	AC42148-006(3X)	Oc	OK	AHD	BN15-8270	Aqueous	3	3	8270	01/16 16:04
10M02429.	AC42148-009		OK	AHD	BN15-8270	Aqueous	1	1	8270	01/16 16:27
10M02430.	AC42148-011		OK	AHD	BN15-8270	Aqueous	1	1	8270	01/16 16:49
10M02431.	AC42140-001		OK WMB4024	AHD	BN15-625	Aqueous	1	1	625	01/16 17:12
10M02432.	AC42140-001(MS)		OK WMB4024	AHD	BN15-625	Aqueous	1	1	625 8270	01/16 17:35
10M02433.	AC42140-001(MSD)		OK WMB4024	AHD	BN15-625	Aqueous	1	1	625 8270	01/16 17:58
10M02434.	AC42148-010		OK	AHD	BN15-8270	Aqueous	1	1	8270	01/16 18:20
10M02435.	AC42148-008(3X)		OK	AHD	BN15-8270	Aqueous	3	3	8270	01/16 18:43
10M02436.	AC42169-003		OK	AHD	BNA-8270	Aqueous	1	1	8270	01/16 19:06
10M02437.	AC42169-007		OK	AHD	BNA-8270	Aqueous	1	1	8270	01/16 19:29
10M02438.	AC42157-015		OK	AHD	BNA25-8270	Aqueous	1	1	8270	01/16 19:51
10M02439.	AC42150-001		OK	AHD	BNA-625	Aqueous	1	1	625	01/16 20:14
10M02440.	AC42140-002		OK	AHD	BN15-625	Aqueous	1	1	625	01/16 20:37

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tnln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tnln Extraction Performed Outside of Hold	Evrc	Eval Mix missing drlt or anddn
Bn	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Data	R18.R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C2b	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rts	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method.	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Fba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/runlates modcheckprepruns	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-55535

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA SOIL SPIKE MIX	BatchNumber:	
Prep Date:	11/12/2008	Concentration:	Various
Expiration Date:	10/31/2009	Final Volume:	200 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3701	acetone	250 ml	neat neat	
3294	Pentachlorophenol	.5 g	neat	2000 ppm
3732	4-Nitrophenol	.5 g	neat neat	2000 ppm
946	Phenol	.5 g	neat	2000 ppm
2814	4-CHLORO-3-METHYLPHENOL	.5 g	NEAT neat	2000 ppm
1343	2-CHLOROPHENOL	.5 g	NEAT	2000 ppm
2845	2-Methylphenol	.5 g	neat neat	2000 ppm
3295	2,4-Dimethylphenol	.5 g	neat neat	2000 ppm
1888	1,2,4-TRICHLOROBENZENE	.25 g	NEAT	1000 ppm
1887	1,4-DICHLOROBENZENE	.25 g	NEAT	1000 ppm
1886	CARBAZOLE	.25 g	NEAT	1000 ppm
1885	BUTYL BENZYL PHTHALATE	.25 g	NEAT	1000 ppm
2849	Fluorene	.25 g	neat neat	1000 ppm
2850	Naphthalene	.25 g	neat neat	1000 ppm
2851	N-Nitroso-n-propylamine	.25 g	neat neat	1000 ppm
2852	2,4-Dinitrotoluene	.25 g	neat neat	1000 ppm
2853	Pyrene	.25 g	neat neat	1000 ppm
3736	Acenaphthene	.25 g	neat neat	1000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-41906

Prepared By: Hamid, Akmal
Description: DFTPP STOCK STD.
Prep Date: 4/1/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3202	methylene chloride	5 ml	neat neat	
3203	DFTPP	.01 g	neat	2000 ppm

Veritech Lot Number: V-42748

Prepared By: Hamid,Akmal
Description: BNA-5 MIX
Prep Date: 4/16/2008
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2176	PENTACHLOROETHANE	.05 g	NEAT	5000 ppm
2394	n-Octadecane	.05 g	NEAT	5000 ppm
2395	n-Decane	.05 g	NEAT	5000 ppm
2185	BIPHENYL	.05 g	NEAT	5000 ppm
866	1,4-Dimethlnaphthlene	.05 g	neat	5000 ppm
3211	methylene chloride	10 ml	neat neat	5000

Veritech Lot Number: V-44166

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 5/6/2008
Expiration Date: 5/5/2009
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1690	2-Fluorobiphenyl	1 g	Neat neat	1000 ppm
2930	p-Terphenyl-d14	1 g	neat neat	1000 ppm
2586	Phenol-d5	2 g	neat neat	2000 ppm
2874	2-FLUOROPHENOL	1.6 ml	NEAT neat	2000 ppm
2584	Nitrobenzene-d5	800 ul	Neat neat	1000 ppm
2585	2,4,6-Tribromophenol	2 g	Neat neat	2000 ppm
3301	Acetone	1000 ml	neat neat	

Veritech Lot Number: V-47682

Prepared By: Hamid, Akmal
Description: BNA Internal Std.
Prep Date: 7/8/2008
Expiration Date: 7/7/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2613	Chrysene	1 g	neat neat	2000 ppm
2614	Perylene-d12	1 g	neat neat	2000 ppm
2612	Phenanthrene-d10	1 g	neat neat	2000 ppm
3398	methylene chloride	500 ml	neat neat	
2616	Acenaphthene-d10	1 g	neat neat	2000 ppm
2615	1,4-Dichlorobenzene-d4	1 g	neat neat	2000 ppm
2611	Naphthalene-d8	1 g	neat neat	2000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-50966

Prepared By: Hamid,Akmal
Description: Pyridine Spiking Std.
Prep Date: 8/28/2008
Expiration Date: 6/29/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3428	PRYDINE	200 ul	neat neat	2000 ppm
3479	Acetone	100 ml	neat neat	

Veritech Lot Number: V-53065

Prepared By: Hamid,Akmal
Description: BNA-Pest Mix
Prep Date: 10/1/2008
Expiration Date: 10/1/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3639	4.4'-DDT	.01 g	NEAT	1000 ppm
3640	4.4'-DDD	.01 g	NEAT	1000 ppm
3641	4.4'-DDE	.01 g	NEAT	1000 ppm
3642	ENDRIN	.01 g	NEAT	1000 ppm
3643	Endrin aldehyde	.01 g	NEAT	1000 ppm
3644	Endrin ketone	.01	NEAT	1000 ppm
3650	Methylene Chlroide	10 ml	neat neat	

Veritech Lot Number: V-53307

Prepared By: Hamid, Akmal
Description: DFTPP Mix
Prep Date: 10/2/2008
Expiration Date: 1/31/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 4 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-41906	DFTPP STOCK STD.	100 ul	2000 ppm	50 ppm
3603	methylene chloride	2900 ul	neat neat	
3004	DDT/Endrin Mix	800 ul	500 ppm	100 ppm
2987	Tcl Phenols/Benzidines Mix	200 ul	2000 ppm	100 ppm

Veritech Lot Number: V-58452

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3790	methlyene chloride	10 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58453

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1(2nd Source)
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3792	Acetone	10 ml	neat neat	

Veritech Lot Number: V-58454

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.A
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber:
Concentration: 250 ppm
Final Volume: 1.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3648	8270 MegaMix	300 ul	1000 ppm	250 ppm
V-53065	BNA-Pest Mix	300 ul	1000 ppm	50 ppm
3413	Benzoic Acid mix	150 ul	2000 ppm	250 ppm
3020	Benzidine & 3,3'-Dichlorobenzidine Mix	150 ul	2000 ppm	250 ppm
V-42748	BNA-5 MIX	60 ul	5000 ppm	250 ppm
V-44166	BNA Surrog.Std.	150 ul	1000-2000 pp	125-250 pp
3790	methlyene chloride	90 ul	neat neat	

Veritech Lot Number: V-58455

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 500 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58454	BNA STOCK Std.A	400 ul	250 ppm	200 ppm
V-58452	8270 EXTRA MIX#1	10 ul	10000 ppm	200 ppm
3790	methlyene chloride	90 ul	neat neat	

Veritech Lot Number: V-58457

Prepared By: Hamid, Akmal
Description: BNA 10 ppm curve
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber: B-5008
Concentration: 10 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	93 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58458

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 20 ppm curve	BatchNumber:	B-5008
Prep Date:	1/7/2009	Concentration:	20 ppm
Expiration Date:	3/26/2009	Final Volume:	100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	10 ul	200 ppm	25 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	88 ul	neat neat	

Veritech Lot Number: V-58459

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 50 ppm curve	BatchNumber:	B-5008
Prep Date:	1/7/2009	Concentration:	50 ppm
Expiration Date:	3/26/2009	Final Volume:	200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-47682	BNA Internal Std.	4 ul	2000 ppm	40 ppm
3790	methlyene chloride	146 ul	neat neat	
V-58455	BNA STOCK Std.	50 ul	200 ppm	50 ppm

Veritech Lot Number: V-58460

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 80 ppm curve	BatchNumber:	B-5008
Prep Date:	1/7/2009	Concentration:	80 ppm
Expiration Date:	3/26/2009	Final Volume:	100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	58 ul	neat neat	

Veritech Lot Number: V-58461

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 120 ppm curve	BatchNumber:	B-5008
Prep Date:	1/7/2009	Concentration:	120 ppm
Expiration Date:	3/26/2009	Final Volume:	100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	38 ul	neat neat	

Veritech Lot Number: V-58462

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 160 ppm curve	BatchNumber:	B-5008
Prep Date:	1/7/2009	Concentration:	160 ppm
Expiration Date:	3/26/2009	Final Volume:	100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	18 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58463

Prepared By: Hamid, Akmal
Description: BNA 196 ppm curve
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber: B-5008
Concentration: 196 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	98 ul	200 ppm	196 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	0	neat neat	

Veritech Lot Number: V-58464

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber: B-5008
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	50 ul	200 ppm	50 ppm
3790	methlyene chloride	150 ul	neat neat	

Veritech Lot Number: V-58465

Prepared By: Hamid, Akmal
Description: BNA 2 ppm curve
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber: B-5008
Concentration: 2 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58464	BNA 50 ppm curve	4 ul	50 ppm	1 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	94 ul	neat neat	

Veritech Lot Number: V-58572

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#2
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2185	BIPHENYL	.1 g	NEAT	10000 ppm
2176	PENTACHLOROETHANE	.1 g	NEAT	10000 ppm
1886	CARBAZOLE	.1 g	NEAT	10000 ppm
2394	n-Octadecane	.1 g	NEAT	10000 ppm
2395	n-Decane	.1 g	NEAT	10000 ppm
866	1,4-Dimethlnaphthlene	.1 g	neat	10000 ppm
3792	Acetone	10 ml	neat neat	
3803	PYRIDINE	.1 g	NEAT neat	10000 ppm

Veritech Lot Number: V-58577

Prepared By: Hamid, Akmal
Description: CLP MIX
Prep Date: 1/7/2009
Expiration Date: 7/6/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3790	methlyene chloride	800 ul	neat neat	
V-58453	8270 EXTRA MIX#1(2nd Source)	100 ul	10000 ppm	1000 ppm
V-58572	8270 EXTRA MIX#2	100 ul	10000 ppm	1000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58578

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BN MIX	BatchNumber:	
Prep Date:	1/7/2009	Concentration:	1000 ppm
Expiration Date:	5/22/2009	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3751	TOXIC SUBSTANCES MIX#2	5 ml	2000 ppm	1000 ppm
3752	BASE/NEUTRAL COMP MIX	5 ml	2000 ppm	1000 ppm

Veritech Lot Number: V-58579

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA ICV CAL@50PPM	BatchNumber:	
Prep Date:	1/7/2009	Concentration:	50 ppm
Expiration Date:	5/5/2009	Final Volume:	0.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3790	methlyene chloride	155 ul	neat neat	
V-58577	CLP MIX	10 ul	1000 ppm	50 ppm
V-47682	BNA Internal Std.	4 ul	2000 ppm	40 ppm
V-58578	BN MIX	10 ul	1000 ppm	50 ppm
V-44166	BNA Surrog.Std.	5	1000-2000 pp	50-100 ppm
3753	ACID COMP MIX	5	2000 ppm	50 ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 866

Description
1,4-Dimethlnaphthlene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	D17,030-5	14523CZ	11/18/97	11/25/10	Akmal	1	1ml	neat	

Veritech Control/Receipt Number: 1430

Description
Benzaldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	B1334-2G	08505LB	02/20/04	02/20/11	Hamid, Akmal	1	2G	Neat	Neat

Veritech Control/Receipt Number: 1431

Description
E-Caprolactam

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	C2204-5G	05824JI	02/20/04	02/20/11	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 1690

Description
2-Fluorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	102741-2.5	18309PD	05/02/06	05/07/10	Hamid, Akmal	2	2.5g	Neat	Neat

Veritech Control/Receipt Number: 1809

Description
DIPHENYL ETHER

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	240834-5G	09303PC	06/23/06	06/23/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1810

Description
1,2,4,5-TETRACHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	131857-5G	06024AI	06/27/06	06/27/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1886

Description
CARBAZOLE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2001	364-113C	08/09/06	07/31/11	Revolus, Jean	1	2G	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2176

Description
PENTACHLOROETHANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F937	376-75A	01/22/07	01/31/12	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2184

Description
ATRAZINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2208	348-144A	01/29/07	10/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2185

Description
BIPHENYL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F1062	348-144A	01/29/07	10/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2394

Description
n-Octadecane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2188	381-22A	05/03/07	04/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Control/Receipt Number: 2395

Description
n-Decane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2182	372-50A	05/03/07	11/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2584

Description
Nitrobenzene-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	151955	ST1692	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 2585

Description
2,4,6-Tribromophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	137715	14726KD	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2586

Description
Phenol-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	425370	EW0108	06/24/07	04/03/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2611

Description
Naphthalene-d8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-365	PR-15554/07164NP1	07/10/07	04/16/12	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2612

Description
Phenanthrene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-371	PR-17315	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2613

Description
Chrysene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-261-001	PR-17865/01227CH	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2614

Description
Perylene-d12

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-366	PR-15096/08115PR1	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2616

Description
Acenaphthene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-108	PR-17277	07/10/07	04/16/12	Hamid, Akmal	2	2g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2874

Description
2-FLUOROPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	F12804-10G	01816PE	11/15/07	11/15/20	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 2930

Description
p-Terphenyl-d14

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	T82-84074	EW1627	12/06/07	12/05/12	Hamid, Akmal	5	500m	neat	neat

Veritech Control/Receipt Number: 2987

Description
Tcl Phenols/Benzidines Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47992-U	LB36003	01/10/08	01/31/09	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 3004

Description
DDT/Endrin Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48282	LB52469	01/25/08	10/31/10	Revolus, Jean	1	1ML	500	PPM

Veritech Control/Receipt Number: 3020

Description
Benzidine & 3,3'-Dichlorobenzidine Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	Z-014F	B7030250	01/25/08	03/26/09	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3202

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T. Baker	9264-03	E42404	04/01/08	04/01/10	Lopez, Jose	72	4L	neat	neat

Veritech Control/Receipt Number: 3203

Description
DFTPP

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	442543	LB52744	04/01/08	10/31/10	Hamid, Akmal	1	100m	neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3211

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G01404	04/01/08	04/01/10	Lopez, Jose	48	4L	neat	neat

Veritech Control/Receipt Number: 3301

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	E48E25	04/29/08	04/28/10	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3398

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G01404	06/10/08	06/09/10	Lopez, Jose	120	4L	neat	neat

Veritech Control/Receipt Number: 3413

Description
Benzoic Acid mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31879	A057908	06/16/08	01/31/12	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 3428

Description
PRYDINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P368-500	080819	06/30/08	06/29/09	Miller,Gael E.	1	500ml	neat	neat

Veritech Control/Receipt Number: 3479

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G15E38	07/22/08	07/21/10	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3603

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G30408	09/16/08	09/15/10	Lopez, Jose	88	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3639

Description
4.4'-DDT

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F92	402-104B	09/26/08	06/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3640

Description
4.4'-DDD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F94	407-7A	09/26/08	07/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3641

Description
4.4'-DDE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F93	407-64A	09/26/08	08/31/14	Revolus, Jean	1	100m	NEAT	

Veritech Control/Receipt Number: 3642

Description
ENDRIN

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F98	402-16A	09/26/08	04/30/12	Revolus, Jean	1	250m	NEAT	

Veritech Control/Receipt Number: 3643

Description
Endrin aldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F99	390-94A	09/26/08	10/31/10	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3644

Description
Endrin ketone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2022	390-21B	09/26/08	09/30/11	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3648

Description
8270 MegaMix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31850	A062641	09/30/08	02/28/10	Hamid, Akmal	1	1ml	1000	ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3650

Description: Methylene Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G33403	09/30/08	09/29/10	Lopez, Jose	120	4L	neat	

Veritech Control/Receipt Number: 3751

Description: TOXIC SUBSTANCES MIX#2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	Z-014E-PAK	B7070275	11/20/08	07/25/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3752

Description: BASE/NEUTRAL COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-BN-PAK	B8050140	11/20/08	05/22/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3753

Description: ACID COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	B8060099	11/20/08	06/10/11	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3790

Description: methlyene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926403	G454003	12/23/08	12/22/10	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Control/Receipt Number: 3792

Description: Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G44E07	12/23/08	12/22/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3798

Description: ACETOPHENONE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-821	383-95A	01/02/09	06/30/12	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3803

Description
PYRIDINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	P368-500	085002	01/06/09	01/05/12	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 946

Description
Phenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F65	328-88B	02/10/05	09/30/10	Akmal	1	5g	neat	

Veritech Control/Receipt Number: 1343

Description
2-CHLOROPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F24	352-4B	10/18/05	10/31/09	Hamid, Akmal	1	5G	NEAT	

Veritech Control/Receipt Number: 1885

Description
BUTYL BENZYL PHTHALATE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	PT-10	361-91B	08/09/06	04/30/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1886

Description
CARBAZOLE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2001	364-113C	08/09/06	07/31/11	Revolus, Jean	1	2G	NEAT	

Veritech Control/Receipt Number: 1887

Description
1,4-DICHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F27	345-14A	08/09/06	07/31/10	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1888

Description
1,2,4-TRICHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F8	338-64B	08/09/06	03/31/10	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2814

Description
4-CHLORO-3-METHYLPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F22	392-28A	10/16/07	10/31/10	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2845

Description
2-Methylphenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F711	383-91A	10/31/07	06/30/11	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2849

Description
Fluorene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F80	368-40B	10/31/07	08/31/11	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2850

Description
Naphthalene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F55	381--115A	10/31/07	06/30/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2851

Description
N-Nitroso-n-propylamine

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F63	377-108B	10/31/07	06/03/11	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2852

Description
2,4-Dinitrotoluene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F35	371-123A	10/31/07	11/30/11	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2853

Description
Pyrene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F84	390-36B	10/31/07	09/12/12	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 3294

Description
Pentachlorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F64	401-96B	04/24/08	04/30/13	Hamid, Akmal	2	1g	neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3295

Description
2,4-Dimethylphenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F34	396-115A	04/24/08	03/31/13	Hamid, Akmal	2	1gm	neat	neat

Veritech Control/Receipt Number: 3701

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9254-03	G36E35	10/28/08	10/27/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3732

Description
4-Nitrophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	F58	409-36B	11/12/08	08/31/11	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 3736

Description
Acenaphthene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	O-782	380-77B	11/12/08	03/31/13	Hamid, Akmal	1	5g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3701

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9254-03	G36E35	10/28/08	10/27/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3752

Description
BASE/NEUTRAL COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-BN-PAK	B8050140	11/20/08	05/22/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3774

Description
Methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926403	G45403	12/11/08	12/10/10	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Control/Receipt Number: 3780

Description
Sodium Sulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Seidler	140104	401203	12/09/08	12/08/10	Lopez, Jose	4	100lb	neat	neat

Veritech Control/Receipt Number: 3829

Description
Acid COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	B8060099	01/08/09	06/10/11	Revolus, Jean	5	1ML	2000	PPM

Wet Chemistry Data

VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 9011430**

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	PQL	Prep Date	Analysis Date	Received Date	Collect Date
AC42169-001	WB-1	Soil	1	66	Percent			01/15/09	01/14/09	01/13/09
AC42169-005	MW-5	Soil	1	68	Percent			01/15/09	01/14/09	01/13/09

Analysis Type: SOLIDS-S

Batch Number: SOLIDS-S-2361 **Units:** Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC42170-001	NA	NA	5	78.95213	NA	0.11	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC42170-001	DUP		79			78.952	1.04	12.11	9.78			01/15/09	beena
AC42161-001	Sample		67			67.266	1.02	12.14	8.5			01/15/09	beena
AC42161-003	Sample		72			71.629	1.02	12.44	9.2			01/15/09	beena
AC42161-005	Sample		67			66.905	1.04	12.22	8.52			01/15/09	beena
AC42161-007	Sample		66			65.646	1.03	12.79	8.75			01/15/09	beena
AC42165-001	Sample		87			87.336	1.04	12.49	11.04			01/15/09	beena
AC42165-002	Sample		84			83.949	1.04	12.69	10.82			01/15/09	beena
AC42165-003	Sample		75			74.669	1.04	12.37	9.5			01/15/09	beena
AC42170-001	Sample		79			79.041	1.06	12.32	9.96			01/15/09	beena
AC42170-002	Sample		72			71.938	1.07	12.01	8.94			01/15/09	beena
AC42170-003	Sample		74			74.014	1.05	12.21	9.31			01/15/09	beena
AC42171-001	Sample		90			90.08	1.04	12.33	11.21			01/15/09	beena
AC42171-002	Sample		92			92.295	1.07	12.88	11.97			01/15/09	beena
AC42171-003	Sample		84			83.857	1.04	12.5	10.65			01/15/09	beena
AC42171-004	Sample		85			85.255	1.04	12.23	10.58			01/15/09	beena
AC42169-001	Sample		66			65.995	1.06	12.47	8.59			01/15/09	beena
AC42169-005	Sample		68			67.817	0.98	12.57	8.84			01/15/09	beena
AC42176-001	Sample		83			83.119	1.04	12.71	10.74			01/15/09	beena
AC42176-002	Sample		90			89.982	1.05	12.13	11.02			01/15/09	beena
AC42176-003	Sample		78			77.974	1.05	12.4	9.9			01/15/09	beena
AC42176-004	Sample		71			71.069	1.05	12.56	9.23			01/15/09	beena

BM 1/16/09

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

HAMPTONCLARKE·VERITECH

175 ROUTE 46 WEST, UNIT D · FAIRFIELD, NJ 07004
1275 BLOOMFIELD AVE, UNIT 50 A · FAIRFIELD, NJ 07004
800-426-9992 · 973-244-9770
FAX: 973-244-9787

WWW.HCVLAB.COM

Project: EJ0810744.000

Client PO: Not Available

Report To: Whitestone Associates
35 Technology Drive
Warren, NJ 07059

Attn: Keith Tockman

Received Date: 1/21/2009

Report Date: 2/5/2009

Deliverables: NYDOH-CatB

Lab ID: AC42279

Lab Project No: 9012114

This report is a true report of results obtained from our tests of this material. All results meet the requirements of the NELAC standards. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

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

NJ	(07071 and 07069)	NY	(ELAP11408 and 11939)	CT	(PH-0671)
PA	(68-00463 and 68-04409)	KY	(90124)	MA	(NJ386)
WV	(353)	USACE			

ACCREDITED IN ACCORDANCE WITH nela

HC·V
HAMPTONCLARKE·VERITECH

TABLE OF CONTENTS

HC·V LABORATORY RESULTS	PAGE NOS.
SDG Narrative	1-2
Reporting Limit Definitions	3-4
Data Package Summary Forms	5-13
Chain of Custody Forms	14-18
GC/MS Volatiles Data	19-134
GC/MS Semivolatiles Data	135-220

SDG Narrative

HC·V
HAMPTONCLARKE·VERITECH

SDG Narrative

Client: Whitestone Associates
Project: EJ0810744.000

Hampton-Clarke/Veritech (HC·V) received the following samples on January 21, 2009:

Client ID	HCV Sample ID	Matrix	Analysis
MW-5	AC42279-001	Aqueous	VO (624), BNA (625)
DUP-1	AC42279-002	Aqueous	HOLD
FB	AC42279-003	Aqueous	VO (624), BNA (625)
TB	AC42279-004	Aqueous	VO (624)

Volatile Organic Analysis:

2-Chloroethylvinylether did not recover in the Matrix Spike and Matrix Spike Duplicate in batch 11051 due to acid preservation of sample. 2-Chloroethylvinylether readily decomposes under acidic conditions. The recovery of 2-Chloroethylvinylether is within QC limits in the Laboratory Control Sample (MBS).

Base Neutral Acid Extractable Analysis:

Data conforms to method requirements.

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

Jeri Rossi
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

2/5/09
Date

Reporting Limit Definitions

HC·V
HAMPTONCLARKE·VERITECH

REPORTING LIMIT DEFINITIONS

RL = Reporting Limit

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

CRQL= Contract Required Quantitation Limit

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

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

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

CLP Organics and Inorganics reported to CRQL.

Data Package Summary Forms

Veritech Report Of Analysis

Lab#: AC42279-001 **Collection Date: 1/20/2009**
Sample ID: MW-5

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 625				
1,2,4-Trichlorobenzene	1	ug/l	2.1	ND
1,2-Diphenylhydrazine	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	2.1	ND
2,4-Dimethylphenol	1	ug/l	2.1	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	2.1	ND
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	1	ug/l	2.1	ND
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	2.1	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Aniline	1	ug/l	2.1	ND
Anthracene	1	ug/l	2.1	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
Benzoic acid	1	ug/l	2.1	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	2.1	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	2.1	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	2.1	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND
Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND
Isophorone	1	ug/l	2.1	ND
Naphthalene	1	ug/l	2.1	ND
Nitrobenzene	1	ug/l	2.1	ND
N-Nitrosodimethylamine	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.1	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND

Lab#: AC42279-001 **Collection Date: 1/20/2009**
Sample ID: MW-5

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 624				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42279-002 **Collection Date: 1/20/2009**
Sample ID: DUP-1

TestGroup/Analyte	DF	Units	RL	Result
BNAE (Extract and Hold) 8270				
Extract and Hold	1			

RL = Reporting Limit
ND = Not Detected

RL Definitions:
SW846 Organics reported to PQL
SW846 Inorganics reported to PQL
Clean Water Act Organics reported to PQL
Clean Water Act Inorganics reported to PQL
CLP Organics reported to CRQL
CLP Inorganics reported to CRQL

Lab#: AC42279-003	Collection Date: 1/20/2009
Sample ID: FB	

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 625				
1,2,4-Trichlorobenzene	1	ug/l	2.0	ND
1,2-Diphenylhydrazine	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	2.0	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	2.0	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	2.0	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Aniline	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Benzidine	1	ug/l	10	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
Benzoic acid	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	2.0	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	2.0	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	2.0	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	2.0	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitrosodimethylamine	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.0	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Lab#: AC42279-003	Collection Date: 1/20/2009
Sample ID: FB	

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 624				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

RL = Reporting Limit
ND = Not Detected

RL Definitions:
SW846 Organics reported to PQL
SW846 Inorganics reported to PQL
Clean Water Act Organics reported to PQL
Clean Water Act Inorganics reported to PQL
CLP Organics reported to CRQL
CLP Inorganics reported to CRQL

Lab#: AC42279-004 **Collection Date: 1/20/2009**
Sample ID: TB

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 624				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42279-001
Client Id: MW-5
Data File: 3M58537.D
Analysis Date: 01/23/09 12:37
Date Rec/Extracted: 01/21/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 106963

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42279-003
Client Id: FB
Data File: 3M58517.D
Analysis Date: 01/22/09 20:39
Date Rec/Extracted: 01/21/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 106963

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42279-004
Client Id: TB
Data File: 3M58518.D
Analysis Date: 01/22/09 20:56
Date Rec/Extracted: 01/21/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 106963

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42279-001
Client Id: MW-5
Data File: 10M02585.D
Analysis Date: 01/23/09 16:35
Date Rec/Extracted: 01/21/09-01/22/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 106954

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42279-003
Client Id: FB
Data File: 10M02586.D
Analysis Date: 01/23/09 17:33
Date Rec/Extracted: 01/21/09-01/22/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 990ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 106954

Total Target Concentration 0

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E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Chain of Custody Forms

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

175 US Hwy 46 West, Fairfield, New Jersey 07004 & 1275 Bloomfield Avenue, Building 3, Unit 50A, Fairfield, New Jersey 07004

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

Project#(Lab Use Only): 9012114

Page 1 of 1

ELAP/NELAC/NJ# 07071/07069 CT# PH-0671 MA# NJ386 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

001

3) Reporting Requirements(please circle)

Customer Information

1a) Customer: Whitestone Associates, Inc.
Address: 35 Technology Drive
Waters, NJ
1b) Email/Cell/Fax/Ph: 908 668 7777
1c) Send Invoice To: Whitestone
1d) Send Report To: Whitestone

Project Information

2a) Project: EJ08107744,000
2b) Project Manager: KT
2c) Location (City/State): Tarrytown, NY
2d) Quote#/PO# (If Applicable):

Turnaround Time

24-Hour(100%)
48-Hour(75%)
72-Hour (50%)
~~4 Day (TPH)~~
~~1-Week(25%)~~
10 Days(10%)
Standard
Other:

Report type

Data Sum
Waste
~~RCRA/NY/PA~~
CLP
~~Full/Cat-B~~
Cat-A
Other:

1/21/09 SD

Electronic Deliv

~~Hazsite/Csv~~
Equis
~~Excel-NJCC~~
~~Excel-Nytagm~~
Excel-PAActII
~~PDF~~
~~Other:~~

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

7) Analysis Request

FOR LAB USE ONLY

Batch# AC42279

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

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

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	VOC	SVOC	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H_2SO_4	HNO_3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-001	MW-5	GW	1/20/09	9:56			X	X	3				3				
-002	DUP-1	GW	1/20/09	9:58					3				3				
-003	FB	B	1/20/09	10:08			X	X	3				3				FD 1/21
-004	TB	B	1/20/09				X						3				
			FD 1/21														

10) Relinquished By / Accepted By

Relinquished By:	Accepted By	Date	Time
[signature]	[signature]	1/21/09	10:10
John Burnell	[signature]	1/21/09	15:05

Comments, Notes, Special Requirements, HAZARDS: HOLD DUP-1

Cooler Tmp: 3.0

11) Sampler: Erik Colonna Romano Date: 1/20/09

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

CONDITION UPON RECEIPT

Batch Number AC42279 Entered By: Frantz
Date Entered 1/21/2009 3:27:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	Yes	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container (in degC) 3.0
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	Yes	Are samples preserved correctly?
12	NA	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

PRESERVATION DOCUMENT

Batch Number AC42279

Entered By: Frantz

Date Entered 1/21/2009 3:26:00 PM

Lab#:	Container Siz	Container Typ	Paramete	Preservative	PH
AC42279-001	40ml	G	VO+10	HCL	1
AC42279-002	40ml	G	VO+10	HCL	1
AC42279-003	40ml	G	VO+10	HCL	1
AC42279-004	40ml	G	VO+10	HCL	1

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC42279-001	01/21/09 15:05	FRAN	0	M	Received
AC42279-001	01/21/09 15:26	FRAN	0	M	Login
AC42279-001	01/22/09 08:00	R22	2	A	NONE
AC42279-001	01/22/09 09:33	WP	2	A	VOA
AC42279-001	01/23/09 07:05	R21	2	A	NONE
AC42279-001	01/23/09 10:07	SG	2	A	VOA
AC42279-001	01/22/09 08:00	R22	3	A	NONE
AC42279-001	01/21/09 15:37	R12	4	A	NONE
AC42279-001	01/21/09 15:37	R12	5	A	NONE
AC42279-001	01/22/09 16:00	KALPE	5	A	A-BNA
AC42279-001	01/21/09 15:37	R12	6	A	NONE
AC42279-002	01/21/09 15:05	FRAN	0	M	Received
AC42279-002	01/21/09 15:26	FRAN	0	M	Login
AC42279-002	01/22/09 08:00	R22	2	A	NONE
AC42279-002	01/22/09 08:00	R22	3	A	NONE
AC42279-002	01/21/09 15:37	R12	4	A	NONE
AC42279-002	01/26/09 16:08	KALPE	4	A	A-BNA
AC42279-002	01/21/09 15:37	R12	5	A	NONE
AC42279-002	01/26/09 16:08	KALPE	5	A	A-BNA
AC42279-002	01/26/09 23:25	R12	5	A	NONE
AC42279-002	01/21/09 15:37	R12	6	A	NONE
AC42279-003	01/21/09 15:05	FRAN	0	M	Received
AC42279-003	01/21/09 15:26	FRAN	0	M	Login
AC42279-003	01/22/09 08:00	R22	2	A	NONE
AC42279-003	01/22/09 09:33	WP	2	A	VOA
AC42279-003	01/22/09 08:00	R22	3	A	NONE
AC42279-003	01/21/09 15:37	R12	4	A	NONE
AC42279-003	01/21/09 15:37	R12	5	A	NONE
AC42279-003	01/22/09 16:00	KALPE	5	A	A-BNA
AC42279-004	01/21/09 15:05	FRAN	0	M	Received
AC42279-004	01/21/09 15:26	FRAN	0	M	Login
AC42279-004	01/22/09 08:00	R22	2	A	NONE
AC42279-004	01/22/09 09:33	WP	2	A	VOA
AC42279-004	01/22/09 08:00	R22	3	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Samples marked as received are stored in coolers or refrigerator R12, R3, or R24 at 4 deg C until Login

GC/MS Volatile Data

GC/MS Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 624

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
3M58416.D	DAILY BLANK	Aqueous	01/21/09 07:52	1		100	102	100	97		
3M58474.D	DAILY BLANK	Aqueous	01/22/09 08:16	1		99	98	95	94		
3M58523.D	DAILY BLANK	Aqueous	01/23/09 08:37	1		104	104	99	102		
3M58537.D	AC42279-001	Aqueous	01/23/09 12:37	1		102	98	92	96		
3M58517.D	AC42279-003	Aqueous	01/22/09 20:39	1		104	95	94	98		
3M58518.D	AC42279-004	Aqueous	01/22/09 20:56	1		105	94	92	98		
3M58439.D	AC42234-003	Aqueous	01/21/09 15:17	1		102	95	93	100		
3M58487.D	MBS11039	Aqueous	01/22/09 12:07	1		97	100	103	99		
3M58525.D	MBS11051	Aqueous	01/23/09 09:12	1		96	100	97	95		
3M58538.D	AC42234-003(	Aqueous	01/23/09 12:54	1		102	100	94	97		
3M58539.D	AC42234-003(	Aqueous	01/23/09 13:11	1		98	101	97	98		

Flags: *SD=Surrogate diluted out*
*=Surrogate out

Method: 624

Aqueous Limits

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

Form3

MBS Data

Method: 624

Data File:==> 3M58487.D
Data/Batch/Sample ID:==> MBS11039
Date/Time:==> 01/22/09 12:07

Compound	Limit(s) Soil	Limit(s) Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1,1-Trichloroethan		52-162	1	0	20.25	20	101												
1,1,2,2-Tetrachloroe		46-157	1	0	18.61	20	93												
1,1,2-Trichloroethan		52-150	1	0	20.28	20	101												
1,1-Dichloroethane		59-155	1	0	18.81	20	94												
1,1-Dichloroethene		1-234	1	0	18.3	20	91												
1,2-Dichlorobenzen		18-190	1	0	18.78	20	94												
1,2-Dichloroethane		49-155	1	0	19.38	20	97												
1,2-Dichloropropane		1-210	1	0	19.77	20	99												
1,3-Dichlorobenzen		59-156	1	0	19.52	20	98												
1,4-Dichlorobenzen		18-190	1	0	18.8	20	94												
2-Chloroethylvinylet		1-305	1	0	7.65	20	38												
Benzene		37-151	1	0	20.49	20	102												
Bromodichlorometh		35-155	1	0	17.94	20	90												
Bromoform		45-169	1	0	17.13	20	86												
Bromomethane		1-242	1	0	12.37	20	62												
Carbon Tetrachlorid		70-140	1	0	22.08	20	110												
Chlorobenzene		37-160	1	0	20.25	20	101												
Chloroethane		14-230	1	0	14.98	20	75												
Chloroform		51-138	1	0	19.06	20	95												
Chloromethane		1-273	1	0	9.43	20	47												
cis-1,3-Dichloroprop		1-227	1	0	16.06	20	80												
Dibromochlorometh		53-149	1	0	18.71	20	94												
Ethylbenzene		37-162	1	0	23.69	20	118												
Methylene Chloride		1-221	1	0	19.91	20	100												
Tetrachloroethene		64-148	1	0	20.87	20	104												
Toluene		47-150	1	0	22.08	20	110												
trans-1,2-Dichloroet		54-156	1	0	20.44	20	102												
trans-1,3-Dichloropr		17-183	1	0	14.45	20	72												
Trichloroethene		71-157	1	0	19.98	20	100												
Trichlorofluorometh		17-181	1	0	13.58	20	68												
Vinyl Chloride		1-251	1	0	10.31	20	52												

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

FORM 3

Spike Recovery

Batch Number: MBS11051
Mbs Name: MBS11051
Ns Name: AC42234-003
Ms Name: AC42234-003(MS)
Msd Name: AC42234-003(MSD

Mbs File: 3M58525.D
Non Spk'd File: 3M58439.D
Spike File: 3M58538.D
Spike Dup File: 3M58539.D
Matrix: Aqueous
Method: EPA 624

Mbs Date: 01/23/09 09:12
Non Spk'd Date: 01/21/09 15:17
Spike Date : 01/23/09 12:54
Spike Dup Date: 01/23/09 13:11

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Chloromethane	4	1	0	20	1	273	66	9.59	0.00	9.03	8.65	48	45	43	4.3
Bromomethane	5	1	0	20	1	242	42	12.63	0.00	13.61	14.77	63	68	74	8.2
Vinyl Chloride	6	1	0	20	1	251	30	9.89	0.00	10.08	10.46	49	50	52	3.7
Chloroethane	7	1	0	20	14	230	50	13.18	0.00	12.66	12.63	66	63	63	0.24
Trichlorofluoromethan	8	1	0	20	17	181	41	15.08	0.00	13.55	13.70	75	68	69	1.1
Methylene Chloride	10	1	0	20	1	221	38	18.87	0.00	18.33	20.06	94	92	100	9
1,1-Dichloroethene	19	1	0	20	1	234	34	17.18	0.00	18.39	18.58	86	92	93	1
1,1-Dichloroethane	22	1	0	20	59	155	30	17.95	0.00	18.61	19.25	90	93	96	3.4
trans-1,2-Dichloroeth	23	1	0	20	54	156	48	19.22	0.00	20.18	20.74	96	101	104	2.7
Chloroform	29	1	0	20	51	138	37	19.07	0.00	19.39	20.06	95	97	100	3.4
1,2-Dichloroethane	33	1	0	20	49	155	34	20.18	0.00	19.64	19.79	101	98	99	0.76
1,1,1-Trichloroethane	35	1	0	20	52	162	33	18.56	0.00	19.90	20.71	93	100	104	4
Carbon Tetrachloride	36	1	0	20	70	140	32	20.43	0.00	21.54	22.24	102	108	111	3.2
Bromodichloromethan	38	1	0	20	35	155	30	17.97	0.00	17.98	19.40	90	90	97	7.6
1,2-Dichloropropane	41	1	0	20	1	210	30	19.85	0.00	20.67	20.75	99	103	104	0.39
Trichloroethene	42	1	0	20	71	157	30	19.37	0.00	20.46	20.80	97	102	104	1.6
Benzene	43	1	0	20	37	151	29	20.84	0.00	20.32	20.70	104	102	104	1.9
Dibromochloromethan	46	1	0	20	53	149	30	17.96	0.00	17.12	18.84	90	86	94	9.6
2-Chloroethylvinylethe	47	1	0	20	1	305	40	8.08	0.00	0.00	0.00	40	0 Mo	0 Mo	NA^
cis-1,3-Dichloroprope	48	1	0	20	1	227	34	14.56	0.00	14.79	15.92	73	74	80	7.4
trans-1,3-Dichloropro	49	1	0	20	17	183	31	12.98	0.00	13.19	14.47	65	66	72	9.3
1,1,2-Trichloroethane	50	1	0	20	52	150	37	19.56	0.00	18.24	20.05	98	91	100	9.5
Tetrachloroethene	55	1	0	20	64	148	27	20.17	0.00	19.52	20.94	101	98	105	7
Toluene	57	1	0	20	47	150	33	21.13	0.00	20.28	21.72	106	101	109	6.9
Chlorobenzene	59	1	0	20	37	160	30	20.77	0.00	19.78	21.29	104	99	106	7.4
Bromoform	61	1	0	20	45	169	30	15.46	0.00	16.48	17.85	77	82	89	8
Ethylbenzene	62	1	0	20	37	162	41	19.48	0.00	25.44	23.62	97	127	118	7.4
1,1,2,2-Tetrachloroeth	63	1	0	20	46	157	29	18.61	0.00	17.99	19.10	93	90	96	6
1,3-Dichlorobenzene	69	1	0	20	59	156	30	19.02	0.00	18.86	20.11	95	94	101	6.4
1,4-Dichlorobenzene	70	1	0	20	18	190	30	18.21	0.00	17.74	19.07	91	89	95	7.2
1,2-Dichlorobenzene	71	1	0	20	18	190	34	18.93	0.00	18.61	20.25	95	93	101	8.4

Note:

Rp = Failed Rpd Criteria

Mo = Failed Recovery Criteria

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

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M58416.D
Matrix: Aqueous

Blank Analysis Date: 01/21/09 07:52
Blank Extraction Date: NA
(If Applicable)
Method: EPA 624

Sample Number	Data File	Analysis Date
AC42234-003	3M58439.D	01/21/09 15:17

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M58474.D
Matrix: Aqueous

Blank Analysis Date: 01/22/09 08:16
Blank Extraction Date: NA
(If Applicable)
Method: EPA 624

Sample Number	Data File	Analysis Date
AC42279-003	3M58517.D	01/22/09 20:39
AC42279-004	3M58518.D	01/22/09 20:56
MBS11039	3M58487.D	01/22/09 12:07

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M58523.D
Matrix: Aqueous

Blank Analysis Date: 01/23/09 08:37
Blank Extraction Date: NA
(If Applicable)
Method: EPA 624

Sample Number	Data File	Analysis Date
AC42279-001	3M58537.D	01/23/09 12:37
AC42234-003(MSD	3M58539.D	01/23/09 13:11
AC42234-003(MS)	3M58538.D	01/23/09 12:54
MBS11051	3M58525.D	01/23/09 09:12

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58155.D
Analysis Date: 01/13/09 08:15
Method: EPA 624

Tune Scan/Time Range: Average of 4.394 to 4.473 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	25.0	30150	PASS
75	95	30	60	49.5	59663	PASS
95	95	100	100	100.0	120636	PASS
96	95	5	9	6.7	8040	PASS
173	174	0.00	2	0.6	619	PASS
174	95	50	100	93.0	112199	PASS
175	174	5	9	7.0	7899	PASS
176	174	95	101	97.1	108984	PASS
177	176	5	9	6.9	7517	PASS

Data File	Sample Number	Analysis Date:
3M58156.D	BLK	01/13/09 08:25
3M58157.D	CAL @ 1 PPB	01/13/09 08:54
3M58158.D	CAL @ 0.5 PPB	01/13/09 09:14
3M58159.D	CAL @ 5 PPB	01/13/09 09:33
3M58160.D	CAL @ 500 PPB	01/13/09 09:50
3M58161.D	CAL @ 250 PPB	01/13/09 10:07
3M58162.D	CAL @ 100 PPB	01/13/09 10:24
3M58163.D	CAL @ 50 PPB	01/13/09 10:41
3M58164.D	CAL @ 20 PPB	01/13/09 10:59
3M58165.D	CAL @ 10 PPB	01/13/09 11:17
3M58166.D	BLK	01/13/09 11:36
3M58167.D	ICV	01/13/09 12:03
3M58168.D	BLK	01/13/09 12:20
3M58169.D	DAILY BLANK	01/13/09 12:37
3M58170.D	DAILY BLANK	01/13/09 12:55
3M58171.D	MBS10953	01/13/09 13:12
3M58172.D	MBS10954	01/13/09 13:29
3M58173.D	BLK	01/13/09 13:46
3M58174.D	AC42112-001	01/13/09 14:03
3M58175.D	AC42112-002	01/13/09 14:20
3M58176.D	AC42116-004	01/13/09 14:37
3M58177.D	AC42051-001(T)	01/13/09 14:55
3M58178.D	AC42051-002(T)	01/13/09 15:12
3M58179.D	AC42051-003(T)	01/13/09 15:29
3M58180.D	AC42051-004(T)	01/13/09 15:46
3M58181.D	EF-1-V-58362(011	01/13/09 16:03
3M58182.D	BLK	01/13/09 16:20
3M58183.D	AC42116-004	01/13/09 16:37
3M58184.D	AC42104-013	01/13/09 16:54
3M58185.D	AC42104-011	01/13/09 17:11
3M58186.D	AC42108-006	01/13/09 17:28
3M58187.D	AC42104-010	01/13/09 17:45
3M58188.D	AC42104-012	01/13/09 18:02
3M58189.D	AC42101-001	01/13/09 18:19
3M58190.D	AC42101-002	01/13/09 18:36

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58412.D
Analysis Date: 01/21/09 06:42
Method: EPA 624

Tune Scan/Time Range: Average of 4.413 to 4.482 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.4	21520	PASS
75	95	30	60	48.9	43129	PASS
95	95	100	100	100.0	88242	PASS
96	95	5	9	6.8	6031	PASS
173	174	0.00	2	0.1	82	PASS
174	95	50	100	90.8	80110	PASS
175	174	5	9	7.1	5714	PASS
176	174	95	101	98.2	78707	PASS
177	176	5	9	6.4	5042	PASS

Data File	Sample Number	Analysis Date:
3M58413.D	CAL @ 20 PPB	01/21/09 06:53
3M58414.D	BLK	01/21/09 07:15
3M58415.D	DAILY BLANK	01/21/09 07:32
3M58416.D	DAILY BLANK	01/21/09 07:52
3M58417.D	MBS11021	01/21/09 08:11
3M58418.D	MBS11020	01/21/09 08:28
3M58419.D	AC42234-038(10X)	01/21/09 08:48
3M58420.D	AC42234-029	01/21/09 09:06
3M58421.D	MBS11024	01/21/09 09:23
3M58422.D	42196-003(10000X	01/21/09 09:44
3M58423.D	BLK	01/21/09 10:01
3M58424.D	AC42232-003	01/21/09 10:18
3M58425.D	AC42234-021(10X)	01/21/09 10:38
3M58426.D	AC42234-003(10X)	01/21/09 10:59
3M58427.D	AC42234-017(10X)	01/21/09 11:20
3M58428.D	AC42234-036(10X)	01/21/09 11:41
3M58429.D	AC42234-030(20X)	01/21/09 12:03
3M58430.D	AC42234-039(20X)	01/21/09 12:23
3M58431.D	AC42234-034(20X)	01/21/09 12:43
3M58432.D	AC42234-006(50X)	01/21/09 13:04
3M58433.D	AC42234-031(50X)	01/21/09 13:25
3M58434.D	AC42234-032(50X)	01/21/09 13:46
3M58435.D	AC42234-035(50X)	01/21/09 14:07
3M58436.D	MBS11028	01/21/09 14:25
3M58437.D	AC42234-002(MS)	01/21/09 14:42
3M58438.D	AC42234-002(MSD	01/21/09 14:59
3M58439.D	AC42234-003	01/21/09 15:17
3M58440.D	AC42234-017	01/21/09 15:34
3M58441.D	AC42234-030(5X)	01/21/09 15:54
3M58442.D	AC42234-036(100	01/21/09 16:16
3M58443.D	AC42234-006	01/21/09 16:35
3M58444.D	AC42234-034	01/21/09 16:52
3M58445.D	BLK	01/21/09 17:10
3M58446.D	AC42223-002	01/21/09 17:27
3M58447.D	AC42223-003	01/21/09 17:44
3M58448.D	AC42223-004	01/21/09 18:01
3M58449.D	AC42223-005	01/21/09 18:18
3M58450.D	AC42223-006	01/21/09 18:36
3M58451.D	MBS11029	01/21/09 18:53
3M58452.D	AC42169-003(MS)	01/21/09 19:10
3M58453.D	AC42169-003(MSD	01/21/09 19:27
3M58454.D	BLK	01/21/09 19:44
3M58455.D	BLK	01/21/09 20:01
3M58456.D	BLK	01/21/09 20:18
3M58457.D	MBS11030	01/21/09 20:35
3M58458.D	MBS11031	01/21/09 20:52
3M58459.D	BLK	01/21/09 21:10
3M58460.D	AC42236-002	01/21/09 21:27
3M58461.D	AC42236-003	01/21/09 21:44
3M58462.D	AC42236-004	01/21/09 22:01
3M58463.D	AC42146-001(MS)	01/21/09 22:19
3M58464.D	AC42146-001(MSD	01/21/09 22:36
3M58465.D	BLK	01/21/09 22:54
3M58466.D	BLK	01/21/09 23:11
3M58467.D	BLK	01/21/09 23:28

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58470.D
Analysis Date: 01/22/09 07:09
Method: EPA 624

Tune Scan/Time Range: Average of 4.405 to 4.484 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.7	31819	PASS
75	95	30	60	49.5	63812	PASS
95	95	100	100	100.0	128945	PASS
96	95	5	9	7.1	9107	PASS
173	174	0.00	2	0.5	654	PASS
174	95	50	100	92.7	119523	PASS
175	174	5	9	7.2	8561	PASS
176	174	95	101	97.0	115927	PASS
177	176	5	9	6.7	7765	PASS

Data File	Sample Number	Analysis Date:
3M58471.D	CAL @ 20 PPB	01/22/09 07:19
3M58472.D	BLK	01/22/09 07:42
3M58473.D	DAILY BLANK	01/22/09 07:59
3M58474.D	DAILY BLANK	01/22/09 08:16
3M58475.D	MBS11035	01/22/09 08:33
3M58476.D	MBS11036	01/22/09 08:50
3M58477.D	BLK	01/22/09 09:07
3M58478.D	AC42282-009	01/22/09 09:26
3M58479.D	AC42282-011	01/22/09 09:43
3M58480.D	AC42282-007	01/22/09 10:01
3M58481.D	AC42282-005	01/22/09 10:18
3M58482.D	AC42282-003	01/22/09 10:35
3M58483.D	AC42282-001	01/22/09 10:52
3M58484.D	AC42282-007(20X)	01/22/09 11:12
3M58485.D	AC42282-005(20X)	01/22/09 11:32
3M58486.D	AC42282-003	01/22/09 11:50
3M58487.D	MBS11039	01/22/09 12:07
3M58488.D	AC42234-007(MS)	01/22/09 12:24
3M58489.D	AC42234-007(MSD	01/22/09 12:41
3M58490.D	AC42282-003	01/22/09 12:58
3M58491.D	AC42266-001	01/22/09 13:15
3M58492.D	AC42271-001	01/22/09 13:33
3M58493.D	AC42272-001	01/22/09 13:50
3M58494.D	AC42277-013	01/22/09 14:07
3M58495.D	AC42277-014	01/22/09 14:24
3M58496.D	AC42277-015	01/22/09 14:41
3M58497.D	AC42180-001(T)	01/22/09 14:58
3M58498.D	AC42180-002(T)	01/22/09 15:15
3M58499.D	AC42180-004(T)	01/22/09 15:32
3M58500.D	AC42159-001(T)	01/22/09 15:49
3M58501.D	AC42159-002(T)	01/22/09 16:06
3M58502.D	AC42199-001(T)	01/22/09 16:23
3M58503.D	EF-1-V-59364(012	01/22/09 16:40
3M58504.D	BLK	01/22/09 16:57
3M58505.D	AC42234-011(MS)	01/22/09 17:15
3M58506.D	AC42234-011(MSD	01/22/09 17:32
3M58507.D	BLK	01/22/09 17:49
3M58508.D	BLK	01/22/09 18:06
3M58509.D	MBS11042	01/22/09 18:23
3M58510.D	BLK	01/22/09 18:40
3M58511.D	AC42266-002	01/22/09 18:57
3M58512.D	AC42266-003	01/22/09 19:14
3M58513.D	AC42271-002	01/22/09 19:31
3M58514.D	AC42271-003	01/22/09 19:48
3M58515.D	AC42272-002	01/22/09 20:05
3M58516.D	AC42272-003	01/22/09 20:22
3M58517.D	AC42279-003	01/22/09 20:39
3M58518.D	AC42279-004	01/22/09 20:56

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58521.D
Analysis Date: 01/23/09 07:45
Method: EPA 624

Tune Scan/Time Range: Average of 4.441 to 4.490 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	23.3	3146	PASS
75	95	30	60	48.4	6531	PASS
95	95	100	100	100.0	13480	PASS
96	95	5	9	5.7	774	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	95.5	12868	PASS
175	174	5	9	7.5	960	PASS
176	174	95	101	96.5	12419	PASS
177	176	5	9	6.1	763	PASS

Data File	Sample Number	Analysis Date:
3M58522.D	CAL @ 20 PPB	01/23/09 08:16
3M58523.D	DAILY BLANK	01/23/09 08:37
3M58524.D	DAILY BLANK	01/23/09 08:55
3M58525.D	MBS11051	01/23/09 09:12
3M58526.D	MBS11052	01/23/09 09:29
3M58527.D	BLK	01/23/09 09:46
3M58528.D	AC42299-003	01/23/09 10:03
3M58529.D	AC42280-003	01/23/09 10:20
3M58530.D	AC42280-004	01/23/09 10:37
3M58531.D	AC42299-001	01/23/09 10:54
3M58532.D	AC42299-002	01/23/09 11:12
3M58533.D	AC42299-004	01/23/09 11:29
3M58534.D	AC42277-012	01/23/09 11:46
3M58535.D	AC42279-001	01/23/09 12:03
3M58536.D	AC42280-001	01/23/09 12:20
3M58537.D	AC42279-001	01/23/09 12:37
3M58538.D	AC42234-003(MS)	01/23/09 12:54
3M58539.D	AC42234-003(MSD	01/23/09 13:11
3M58540.D	AC42290-001	01/23/09 13:28
3M58541.D	AC42290-002	01/23/09 13:46
3M58542.D	AC42290-003	01/23/09 14:03
3M58543.D	AC42290-004	01/23/09 14:20
3M58544.D	AC42290-005	01/23/09 14:37
3M58545.D	AC42290-006	01/23/09 14:54
3M58546.D	AC42290-007	01/23/09 15:11
3M58547.D	BLKHCL	01/23/09 15:28
3M58548.D	AC42290-009	01/23/09 15:45
3M58549.D	BLKFB	01/23/09 16:02
3M58550.D	AC42290-011	01/23/09 16:19
3M58551.D	AC42290-012	01/23/09 16:36
3M58552.D	AC42290-013	01/23/09 16:53
3M58553.D	AC42290-014	01/23/09 17:10
3M58554.D	AC42290-015	01/23/09 17:27
3M58555.D	MBS11055	01/23/09 17:44
3M58556.D	AC42159-002(T:M	01/23/09 18:01
3M58557.D	AC42159-002(T:M	01/23/09 18:18
3M58558.D	BLK	01/23/09 18:35
3M58559.D	AC42290-008	01/23/09 18:52
3M58560.D	AC42290-010	01/23/09 19:09
3M58561.D	AC42301-003	01/23/09 19:26
3M58562.D	AC42301-004	01/23/09 19:43
3M58563.D	AC42301-005	01/23/09 20:00
3M58564.D	AC42301-006	01/23/09 20:17
3M58565.D	AC42301-007	01/23/09 20:34
3M58566.D	AC42301-008	01/23/09 20:51
3M58567.D	AC42301-009	01/23/09 21:08
3M58568.D	AC42301-010	01/23/09 21:25
3M58569.D	AC42301-011	01/23/09 21:42
3M58570.D	AC42301-012	01/23/09 21:59
3M58571.D	AC42301-013	01/23/09 22:16
3M58572.D	AC42301-014	01/23/09 22:33
3M58573.D	BLK	01/23/09 22:50
3M58574.D	AC42301-001	01/23/09 23:07
3M58575.D	AC42301-002	01/24/09 11:17
3M58576.D	BLK	01/24/09 11:34
3M58577.D	BLK	01/24/09 11:51
3M58578.D	BLK	01/24/09 12:08
3M58579.D	BLK	01/24/09 12:25

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M58164.D Method: EPA 624

Analysis Date/Time: 01/13/09 10:59

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	236488	4.59	200863	6.42	110172	7.84						
Eval File Area Limit:	118244-472976		100432-401726		55086-220344							
Eval File Rt Limit:	4.09-5.09		5.92-6.92		7.34-8.34							

Data File	Sample						
3M58156.D	BLK	266095	4.58	191977	6.41	94571	7.83
3M58157.D	CAL @ 1 PP	277138	4.59	197334	6.41	104270	7.83
3M58158.D	CAL @ 0.5 P	238014	4.59	182203	6.41	100182	7.83
3M58159.D	CAL @ 5 PP	259241	4.59	208532	6.41	120338	7.84
3M58160.D	CAL @ 500 P	253781	4.59	188011	6.42	99224	7.84
3M58161.D	CAL @ 250 P	246824	4.59	196302	6.42	105197	7.84
3M58162.D	CAL @ 100 P	230478	4.59	193789	6.42	108722	7.84
3M58163.D	CAL @ 50 P	245393	4.59	198482	6.42	112839	7.84
3M58164.D	CAL @ 20 P	236488	4.59	200863	6.42	110172	7.84
3M58165.D	CAL @ 10 P	255347	4.61	209783	6.43	119544	7.86
3M58166.D	BLK	245317	4.59	194166	6.42	109473	7.84
3M58167.D	ICV	278267	4.59	207081	6.42	113578	7.84
3M58168.D	BLK	238459	4.59	175610	6.42	97119	7.84
3M58169.D	DAILY BLAN	248296	4.60	181483	6.42	102335	7.84
3M58171.D	MBS10953	244140	4.60	194899	6.42	116050	7.85
3M58173.D	BLK	222724	4.60	186129	6.42	102261	7.85
3M58182.D	BLK	254997	4.60	210228	6.43	110439	7.85
3M58184.D	AC42104-013	266755	4.60	189434	6.43	100995	7.85
3M58185.D	AC42104-011	236184	4.60	195213	6.43	102831	7.85
3M58186.D	AC42108-006	249259	4.60	200091	6.43	115315	7.85
3M58187.D	AC42104-010	240557	4.60	197534	6.43	107634	7.85
3M58188.D	AC42104-012	256763	4.60	208769	6.43	116284	7.85
3M58189.D	AC42101-001	259275	4.60	214180	6.43	114481	7.85
3M58190.D	AC42101-002	248967	4.60	201454	6.43	111528	7.85

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M58413.D Method: EPA 624

Analysis Date/Time: 01/21/09 06:53

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	327255	4.59	267375	6.41	140955	7.84						
Eval File Area Limit:	163628-654510		133688-534750		70478-281910							
Eval File Rt Limit:	4.09-5.09		5.91-6.91		7.34-8.34							

Data File	Sample						
3M58414.D	BLK	226322	4.59	168872	6.42	84615	7.84
3M58416.D	DAILY BLAN	214483	4.60	163062	6.42	79971	7.84
3M58417.D	MBS11021	216063	4.60	158896	6.42	87684	7.84
3M58419.D	AC42234-038	208399	4.60	152942	6.42	78106	7.85
3M58420.D	AC42234-029	230041	4.60	189018	6.42	100663	7.85
3M58421.D	MBS11024	214979	4.60	174867	6.42	98125	7.84
3M58422.D	42196-003(1	209723	4.60	168499	6.42	88674	7.84
3M58423.D	BLK	180018	4.60	157087	6.42	79012	7.85
3M58424.D	AC42232-003	181574	4.60	152516	6.42	80120	7.84
3M58425.D	AC42234-021	205375	4.59	157845	6.42	83056	7.85
3M58426.D	AC42234-003	229079	4.59	175846	6.42	90740	7.84
3M58427.D	AC42234-017	239877	4.60	177142	6.42	87832	7.85
3M58428.D	AC42234-036	255834	4.60	190876	6.42	95693	7.84
3M58429.D	AC42234-030	243221	4.60	188060	6.42	88781	7.85
3M58430.D	AC42234-039	210720	4.60	167525	6.42	84250	7.85
3M58431.D	AC42234-034	227946	4.60	187840	6.42	99398	7.85
3M58432.D	AC42234-006	240006	4.60	195232	6.42	99805	7.85
3M58433.D	AC42234-031	249491	4.59	197246	6.42	105728	7.85
3M58434.D	AC42234-032	253182	4.59	205357	6.42	106853	7.85
3M58435.D	AC42234-035	255109	4.60	205423	6.42	108106	7.85
3M58436.D	MBS11028	254108	4.60	206561	6.42	115739	7.85
3M58437.D	AC42234-002	235803	4.60	185028	6.42	103121	7.85
3M58438.D	AC42234-002	238868	4.60	198454	6.42	108461	7.85
3M58439.D	AC42234-003	246052	4.60	203147	6.42	103738	7.85
3M58440.D	AC42234-017	238277	4.60	195067	6.42	99961	7.85
3M58441.D	AC42234-030	223892	4.60	175904	6.42	91034	7.85
3M58442.D	AC42234-036	255236	4.60	203193	6.42	107013	7.85
3M58443.D	AC42234-006	251390	4.60	202085	6.42	105433	7.85
3M58444.D	AC42234-034	274817	4.60	225805	6.42	120036	7.85
3M58445.D	BLK	230266	4.60	188053	6.42	99192	7.85
3M58446.D	AC42223-002	228724	4.60	188627	6.42	97585	7.85
3M58447.D	AC42223-003	229063	4.60	192388	6.42	98834	7.85
3M58448.D	AC42223-004	223776	4.60	189222	6.42	94608	7.85
3M58449.D	AC42223-005	227172	4.60	182443	6.42	91946	7.85
3M58450.D	AC42223-006	249940	4.60	194498	6.42	94667	7.85
3M58451.D	MBS11029	244508	4.60	195430	6.42	101304	7.85
3M58452.D	AC42169-003	247798	4.60	203679	6.42	108915	7.84
3M58453.D	AC42169-003	272798	4.60	218927	6.42	120024	7.85
3M58454.D	BLK	238245	4.60	193405	6.42	95830	7.84
3M58455.D	BLK	244576	4.60	198704	6.42	94180	7.84
3M58456.D	BLK	232599	4.60	175409	6.42	88292	7.84
3M58457.D	MBS11030	240203	4.60	179454	6.42	103346	7.84
3M58458.D	MBS11031	246756	4.60	182558	6.42	100305	7.84
3M58459.D	BLK	210286	4.60	161067	6.42	83094	7.85
3M58460.D	AC42236-002	215953	4.60	176002	6.42	90394	7.85
3M58461.D	AC42236-003	243071	4.60	183868	6.42	94328	7.85
3M58462.D	AC42236-004	223317	4.60	172090	6.42	90765	7.85
3M58463.D	AC42146-001	238717	4.60	190114	6.42	108444	7.85
3M58464.D	AC42146-001	242410	4.60	198899	6.42	111097	7.84
3M58465.D	BLK	233354	4.60	189780	6.42	100234	7.84

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M58471.D Method: EPA 624

Analysis Date/Time: 01/22/09 07:19

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	260478	4.59	212319	6.42	114639	7.84						
Eval File Area Limit:	130239-520956		106160-424638		57320-229278							
Eval File Rt Limit:	4.09-5.09		5.92-6.92		7.34-8.34							

Data File	Sample						
3M58472.D	BLK	229449	4.60	185624	6.42	93937	7.84
3M58474.D	DAILY BLAN	212759	4.60	165199	6.42	85052	7.84
3M58476.D	MBS11036	196530	4.60	166976	6.42	94345	7.85
3M58477.D	BLK	218150	4.60	172667	6.42	88065	7.84
3M58478.D	AC42282-009	223148	4.60	167419	6.42	80767	7.84
3M58479.D	AC42282-011	213024	4.60	165599	6.42	80745	7.84
3M58480.D	AC42282-007	232352	4.60	170349	6.42	85658	7.85
3M58481.D	AC42282-005	232680	4.60	179394	6.42	92906	7.84
3M58482.D	AC42282-003	210158	4.60	169538	6.42	93829	7.84
3M58483.D	AC42282-001	222803	4.60	183664	6.42	100546	7.84
3M58484.D	AC42282-007	218864	4.59	170386	6.42	88283	7.84
3M58485.D	AC42282-005	256064	4.60	191427	6.42	96527	7.84
3M58486.D	AC42282-003	257671	4.60	199388	6.42	104472	7.84
3M58487.D	MBS11039	236373	4.60	181787	6.42	97321	7.85
3M58488.D	AC42234-007	227507	4.60	176874	6.42	93089	7.84
3M58489.D	AC42234-007	252363	4.60	195902	6.42	105684	7.84
3M58490.D	AC42282-003	229480	4.60	175521	6.42	91208	7.85
3M58491.D	AC42266-001	245587	4.60	186301	6.42	97013	7.85
3M58492.D	AC42271-001	218950	4.60	167557	6.42	86458	7.85
3M58493.D	AC42272-001	243228	4.60	182442	6.42	94163	7.85
3M58494.D	AC42277-013	237183	4.60	191969	6.42	95668	7.85
3M58495.D	AC42277-014	240886	4.60	197266	6.42	95659	7.85
3M58496.D	AC42277-015	241519	4.60	200886	6.42	98167	7.85
3M58504.D	BLK	240958	4.60	195821	6.42	99647	7.85
3M58505.D	AC42234-011	243168	4.60	198232	6.42	112095	7.84
3M58506.D	AC42234-011	243892	4.60	200213	6.42	112872	7.85
3M58507.D	BLK	238336	4.60	197544	6.42	100644	7.85
3M58508.D	BLK	232811	4.60	194127	6.42	99319	7.85
3M58509.D	MBS11042	249699	4.60	206528	6.42	114240	7.84
3M58510.D	BLK	225858	4.60	190318	6.42	97725	7.85
3M58511.D	AC42266-002	228471	4.60	191724	6.42	95632	7.85
3M58512.D	AC42266-003	230767	4.60	191571	6.42	95849	7.85
3M58513.D	AC42271-002	224634	4.60	188289	6.42	92086	7.84
3M58514.D	AC42271-003	230572	4.60	187590	6.42	92368	7.84
3M58515.D	AC42272-002	197852	4.60	162521	6.42	78577	7.84
3M58516.D	AC42272-003	213324	4.60	176923	6.42	84881	7.84
3M58517.D	AC42279-003	224932	4.60	184305	6.42	89413	7.84
3M58518.D	AC42279-004	222021	4.60	183972	6.42	90846	7.85

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M58522.D Method: EPA 624

Analysis Date/Time: 01/23/09 08:16

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	249492	4.59	202597	6.42	100662	7.84						
Eval File Area Limit:	124746-498984		101298-405194		50331-201324							
Eval File Rt Limit:	4.09-5.09		5.92-6.92		7.34-8.34							
Data File Sample												
3M58523.D DAILY BLAN	224791	4.59	176035	6.42	82883	7.84						
3M58525.D MBS11051	201450	4.59	169204	6.42	97287	7.84						
3M58527.D BLK	195473	4.60	168894	6.42	86553	7.84						
3M58529.D AC42280-003	214851	4.60	181882	6.42	96224	7.84						
3M58530.D AC42280-004	179895	4.60	153226	6.42	79400	7.85						
3M58534.D AC42277-012	230920	4.60	189509	6.42	103074	7.85						
3M58535.D AC42279-001	224526	4.60	199814	6.42	103597	7.85						
3M58536.D AC42280-001	201356	4.60	173938	6.42	93862	7.85						
3M58537.D AC42279-001	221913	4.60	189387	6.42	100506	7.85						
3M58538.D AC42234-003	223904	4.60	191611	6.42	103862	7.85						
3M58539.D AC42234-003	216555	4.60	176711	6.42	96703	7.85						
3M58547.D BLKHCL	176320	4.61	149509	6.43	76937	7.86						
3M58549.D BLKFB	152457	4.61	130767	6.43	67407	7.86						
3M58555.D MBS11055	144895	4.61	112328	6.44	62766	7.86						
3M58556.D AC42159-002	151336	4.61	111720	6.43	60083	7.86						
3M58557.D AC42159-002	138803	4.61	119956	6.44	65342	7.86						
3M58558.D BLK	152859	4.61	130061	6.44	69336	7.86						
3M58573.D BLK	199212	4.61	162694	6.44	76151	7.86						
3M58576.D BLK	206673	4.59	178013	6.41	87411	7.84						
3M58577.D BLK	224005	4.59	189366	6.42	89681	7.84						
3M58578.D BLK	223427	4.59	173756	6.42	87436	7.84						
3M58579.D BLK	194454	4.60	160859	6.42	79201	7.84						

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

GC/MS Volatile Data
Sample Data

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42279-001
Client Id: MW-5
Data File: 3M58537.D
Analysis Date: 01/23/09 12:37
Date Rec/Extracted: 01/21/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 106963

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

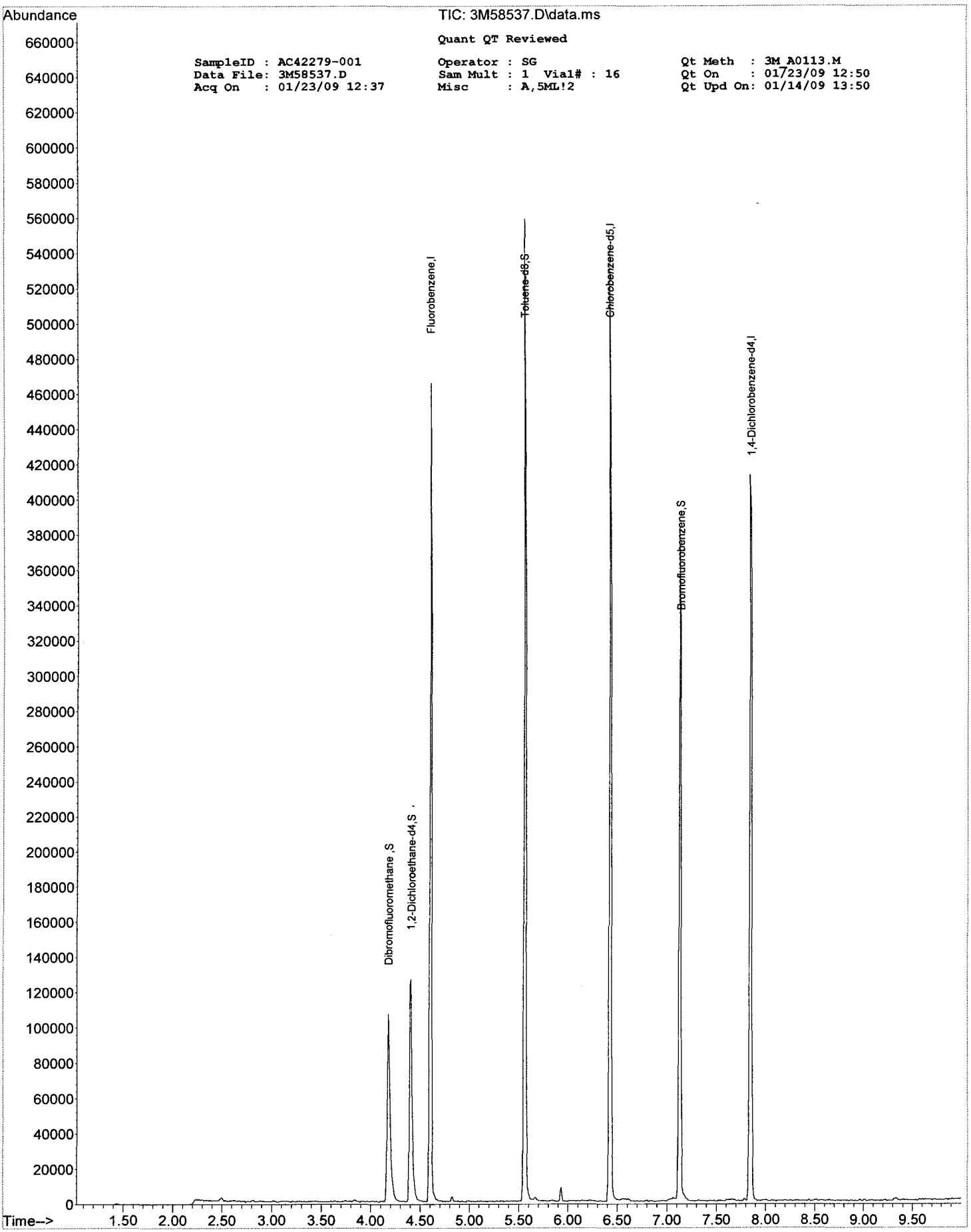
SampleID : AC42279-001 Operator : SG Qt Meth : 3M_A0113.M
Data File: 3M58537.D Sam Mult : 1 Vial# : 16 Qt On : 01/23/09 12:50
Acq On : 01/23/09 12:37 Misc : A,5ML!2 Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-23-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.602	96	221913	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.424	117	189387	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.852	152	100506	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.179	111	67334	30.52	ug/l	0.02
Spiked Amount 30.000			Recovery = 101.73%			
32) 1,2-Dichloroethane-d4	4.405	102	13956	29.35	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.83%			
56) Toluene-d8	5.558	100	145983	27.65	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.17%			
64) Bromofluorobenzene	7.133	174	88888	28.87	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.23%			
Target Compounds						Qvalue

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

Vc


Abundance
TIC: 3M58537.D\data.ms
Quant QT Reviewed
SampleID : AC42279-001
Data File: 3M58537.D
Acq On : 01/23/09 12:37
Operator : SG
Sam Mult : 1 Vial# : 16
Misc : A,5ML!2
Qt Meth : 3M_A0113.M
Qt On : 01/23/09 12:50
Qt Upd On: 01/14/09 13:50
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42279-003
Client Id: FB
Data File: 3M58517.D
Analysis Date: 01/22/09 20:39
Date Rec/Extracted: 01/21/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 106963

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : AC42279-003 Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58517.D Sam Mult : 1 Vial# : 42 Qt On : 01/23/09 06:31
Acq On : 01/22/09 20:39 Misc : A,5ML!2 Qt Upd On: 01/14/09 13:50

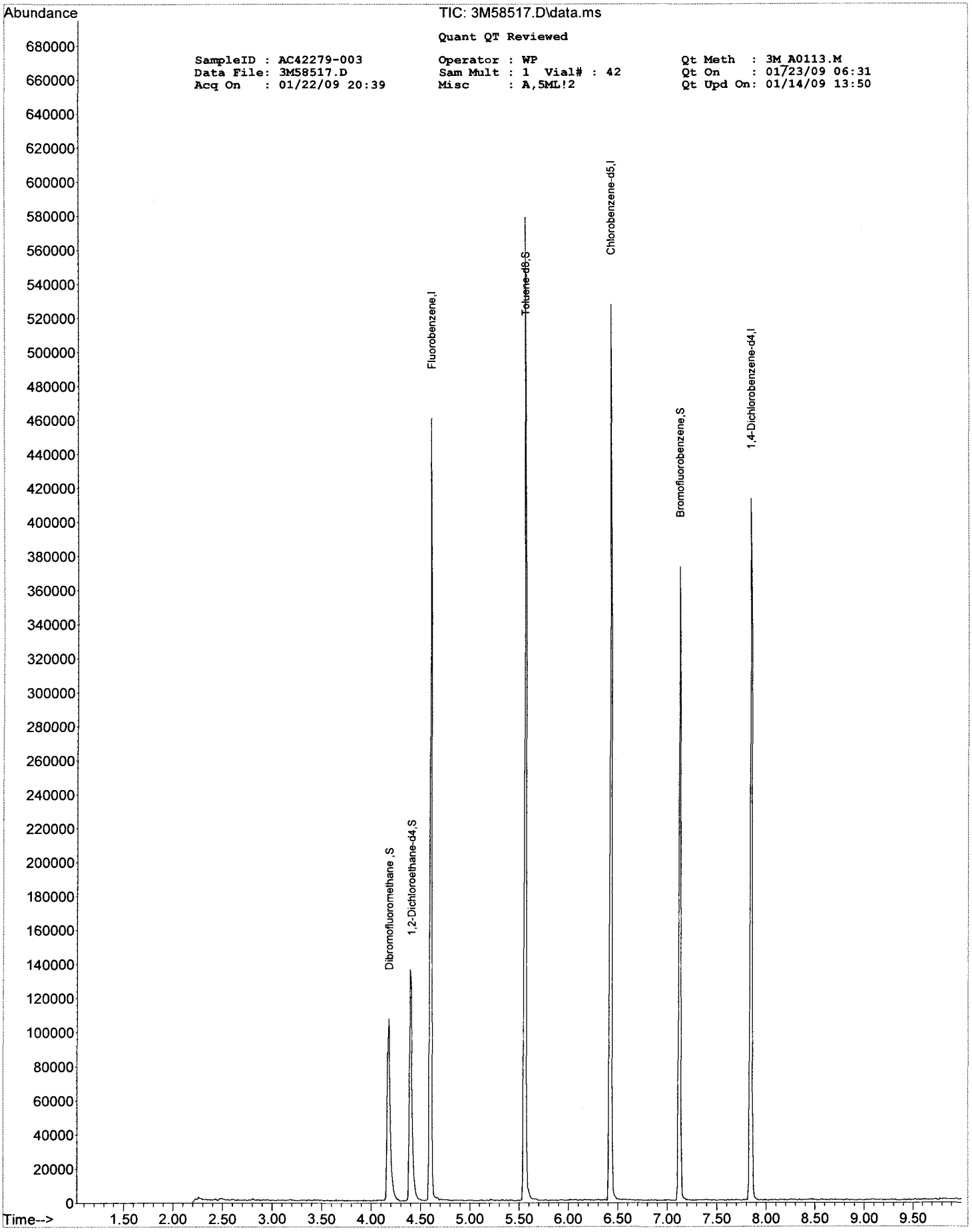
Data Path : G:\GcMsData\2009\GCMS_3\Data\01-22-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.601	96	224932	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.423	117	184305	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.842	152	89413	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.178	111	69434	31.05	ug/l	0.02
Spiked Amount 30.000			Recovery =	103.50%		
32) 1,2-Dichloroethane-d4	4.404	102	13760	28.55	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.17%		
56) Toluene-d8	5.557	100	144554	28.14	ug/l	0.00
Spiked Amount 30.000			Recovery =	93.80%		
64) Bromofluorobenzene	7.123	174	80113	29.25	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.50%		

Target Compounds Qvalue

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

VC


Abundance
TIC: 3M58517.D\data.ms
Quant QT Reviewed
SampleID : AC42279-003
Data File: 3M58517.D
Acq On : 01/22/09 20:39
Operator : WP
Sam Mult : 1 Vial# : 42
Misc : A,5ML!2
Qt Meth : 3M_A0113.M
Qt On : 01/23/09 06:31
Qt Upd On: 01/14/09 13:50
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42279-004
Client Id: TB
Data File: 3M58518.D
Analysis Date: 01/22/09 20:56
Date Rec/Extracted: 01/21/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 106963

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

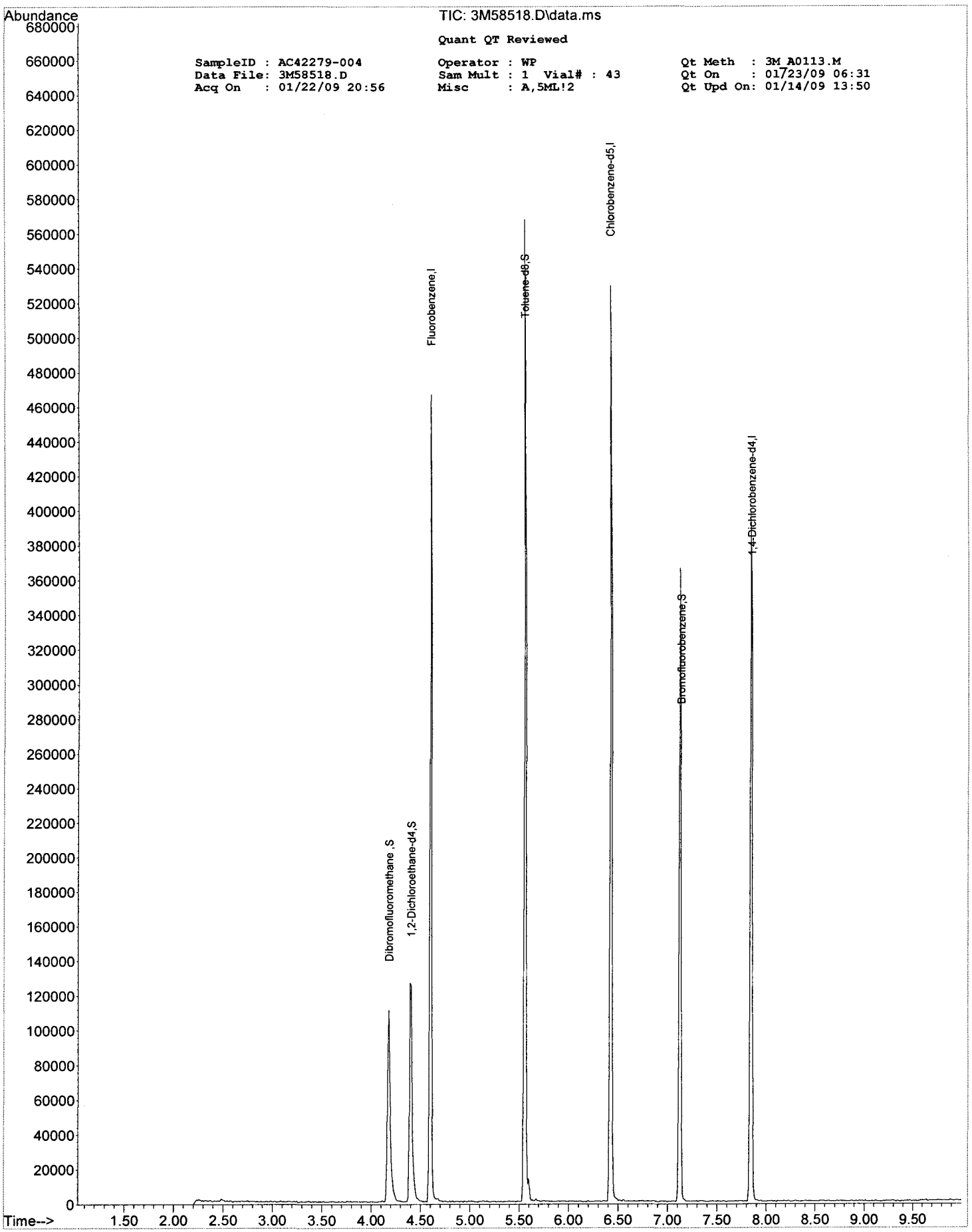
Quantitation Report (QT Reviewed)

SampleID : AC42279-004 Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58518.D Sam Mult : 1 Vial# : 43 Qt On : 01/23/09 06:31
Acq On : 01/22/09 20:56 Misc : A,5ML!2 Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-22-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.601	96	222021	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.423	117	183972	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.851	152	90846	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.177	111	69848	31.64	ug/l	0.02
Spiked Amount 30.000			Recovery = 105.47%			
32) 1,2-Dichloroethane-d4	4.404	102	13473	28.32	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.40%			
56) Toluene-d8	5.556	100	141702	27.63	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.10%			
64) Bromofluorobenzene	7.132	174	81534	29.30	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.67%			
Target Compounds						Qvalue

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


Abundance
TIC: 3M58518.D\data.ms
Quant QT Reviewed
SampleID : AC42279-004
Data File: 3M58518.D
Acq On : 01/22/09 20:56
Operator : WP
Sam Mult : 1 Vial# : 43
Misc : A,5ML!2
Qt Meth : 3M_A0113.M
Qt On : 01/23/09 06:31
Qt Upd On: 01/14/09 13:50
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

GC/MS Volatile Data
Standards Data

Form 6
Initial Calibration

Method: EPA 624

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M58164.	CAL @ 20 PPB	01/13/09 10:59	2	3M58159.	CAL @ 5 PPB	01/13/09 09:33
3	3M58165.	CAL @ 10 PPB	01/13/09 11:17	4	3M58163.	CAL @ 50 PPB	01/13/09 10:41
5	3M58162.	CAL @ 100 PPB	01/13/09 10:24	6	3M58161.	CAL @ 250 PPB	01/13/09 10:07
7	3M58160.	CAL @ 500 PPB	01/13/09 09:50	8	3M58157.	CAL @ 1 PPB	01/13/09 08:54
9	3M58158.	CAL @ 0.5 PPB	01/13/09 09:14				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.6952	0.5993	0.5763	0.6384	0.7142	0.6872	0.6895	0.6589	-----	0.657	1.38	1.00	1.00	7.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dichlorodifluoromethan	1	0	Avg	0.3040	0.2326	0.2865	0.2618	0.3098	0.2973	0.3111	0.2772	-----	0.285	1.33	0.999	1.00	9.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloromethane	1	0	Avg	0.1853	0.1894	0.1689	0.1647	0.1857	0.2021	0.2309	0.2258	-----	0.194	1.51	0.996	1.00	12	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromomethane	1	0	LinF	0.0526	0.0407	0.0350	0.0538	0.0540	-----	-----	0.0394	-----	0.0460	1.78	0.999	0.999	18		20.00	5.00	10.00	50.00	100.0			1.00	
Vinyl Chloride	1	0	Avg	0.1791	0.1511	0.1607	0.1669	0.1794	0.1846	0.2088	0.1654	-----	0.175	1.54	0.997	1.00	10	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroethane	1	0	LinF	0.0981	0.0986	0.0865	0.0797	0.0856	-----	-----	0.1291	-----	0.0963	1.86	0.997	0.998	18		20.00	5.00	10.00	50.00	100.0			1.00	
Trichlorofluoromethane	1	0	Avg	0.2161	0.1635	0.1766	0.1879	0.1935	0.1898	0.1843	0.1887	-----	0.188	2.04	1.00	1.00	8.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.2008	0.1434	0.1855	0.1890	0.2042	0.1771	0.1494	0.1878	-----	0.180	2.42	0.990	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylene Chloride	1	0	Avg	0.2934	0.2903	0.2608	0.2583	0.2865	0.2634	0.2525	0.3272	-----	0.279	2.80	0.999	1.00	9.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acrolein	1	0	Avg	0.0790	0.0740	0.0714	0.0757	0.0853	0.0794	0.0705	0.0658	-----	0.0752	2.36	0.996	1.00	8.1		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Acrylonitrile	1	0	Avg	0.1699	0.1495	0.1561	0.1613	0.1743	0.1521	0.1346	0.1093	-----	0.151	3.00	0.994	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Iodomethane	1	0	LinF	0.3978	0.2783	0.3161	0.3555	0.4063	0.3486	0.3177	0.2569	-----	0.335	2.55	0.996	0.999	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acetone	1	0	Avg	0.1743	0.1687	0.1639	0.1631	0.1816	0.1713	0.1579	0.1604	-----	0.168	2.47	0.998	1.00	4.7		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Carbon Disulfide	1	0	Avg	0.9006	0.7326	0.8857	0.8111	0.8845	0.8278	0.7866	1.0334	-----	0.858	2.60	0.999	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butyl Alcohol	1	0	LinF	0.0223	0.0167	0.0189	0.0222	0.0237	0.0218	0.0208	0.0094	-----	0.0195	2.89	0.999	1.00	24		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
n-Hexane	1	0	LinF	0.1646	0.0880	0.1480	0.1506	0.1750	0.1635	0.1548	0.1435	-----	0.149	3.21	0.999	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Di-isopropyl-ether	1	0	Avg	1.5161	1.2302	1.3855	1.3570	1.5245	1.3106	1.1242	1.0931	-----	1.32	3.39	0.991	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethene	1	0	Avg	0.5332	0.4261	0.4596	0.4938	0.5434	0.5061	0.4519	0.5372	-----	0.494	2.43	0.996	1.00	8.9	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl Acetate	1	0	Avg	0.4854	0.4214	0.4481	0.4567	0.5116	0.4954	0.4814	0.4322	-----	0.467	2.72	1.00	1.00	6.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl-t-butyl ether	1	0	Avg	0.4695	0.3841	0.4240	0.4380	0.4816	0.4173	0.3539	0.3873	0.4721	0.425	3.01	0.991	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
1.1-Dichloroethane	1	0	Avg	0.6028	0.5338	0.5496	0.5254	0.5884	0.5248	0.4852	0.5785	-----	0.549	3.35	0.997	1.00	7.1	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.2-Dichloroether	1	0	Avg	0.2506	0.2196	0.2287	0.2176	0.2305	0.1993	0.1786	0.2560	-----	0.223	3.01	0.995	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.2-Dichloroethene	1	0	Avg	0.6174	0.4859	0.5574	0.5496	0.5810	0.5088	0.4607	0.5489	-----	0.539	3.82	0.996	1.00	9.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromochloromethane	1	0	Avg	0.4504	0.4237	0.4313	0.3991	0.4246	0.3968	0.3961	0.4674	-----	0.424	4.00	1.00	1.00	6.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2.2-Dichlorooroane	1	0	Avg	0.2255	0.1716	0.1873	0.2247	0.2603	0.2531	0.2371	0.2301	-----	0.224	3.82	0.999	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dioxane	1	0	LinF	0.0051	0.0035	0.0046	0.0045	0.0047	0.0038	-----	0.0028	-----	0.00419	5.05	0.991	1.00	19		1000.	250.0	500.0	2500.	5000.	1250		50.00	
1.1-Dichlorooroene	1	0	Avg	0.4714	0.2857	0.4254	0.4042	0.4185	0.3475	-----	0.4024	-----	0.394	4.29	0.993	0.999	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Chloroform	1	0	Avg	0.5471	0.5104	0.5011	0.4937	0.5274	0.4674	0.4434	0.5216	-----	0.502	4.05	0.998	1.00	6.7	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromofluoromethane	1	0	Avg	0.3099	0.3239	0.3090	0.2940	0.3020	0.2644	0.2483	0.3344	-----	0.298	4.16	-1	-1	9.7		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Cyclohexane	1	0	LinF	0.4615	0.2298	0.4264	0.4347	0.4573	0.4141	0.3740	0.2703	-----	0.384	4.22	0.996	1.00	23		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloroethane-d4	1	0	Avg	0.0668	0.0681	0.0643	0.0613	0.0649	0.0619	0.0616	0.0650	-----	0.0643	4.40	-1	-1	3.9		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1.2-Dichloroethane	1	0	Avg	0.5920	0.5514	0.5502	0.5096	0.5423	0.4631	0.4093	0.5861	0.6196	0.536	4.43	0.994	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
2-Butanone	1	0	Avg	0.3317	0.2557	0.3022	0.2996	0.3172	0.2776	0.2565	0.2238	-----	0.283	3.83	0.997	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1-Trichloroethane	1	0	Avg	0.3606	0.2558	0.3309	0.3396	0.3655	0.3412	0.3185	0.3314	-----	0.330	4.18	0.998	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Carbon Tetrachloride	1	0	Avg	0.3229	0.2369	0.2940	0.3039	0.3197	0.2735	0.2286	0.3144	-----	0.287	4.29	0.989	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Vinyl Acetate	1	0	Avg	1.4914	1.2779	1.2971	1.3541	1.5219	1.3595	1.1490	1.2313	-----	1.34	3.38	0.991	1.00	9.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromodichloromethane	1	0	Avg	0.5030	0.4462	0.4595	0.4611	0.5109	0.4579	0.4125	0.4545	-----	0.463	5.12	0.996	1.00	6.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylcyclohexane	1	0	LinF	0.2739	0.1269	0.2578	0.2554	0.2706	0.2448	0.2164	0.2017	-----	0.231	4.94	0.995	1.00	21		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromomethane	1	0	LinF	0.3227	0.3086	0.3166	0.2837	0.2977	0.2401	-----	0.3141	-----	0.298	5.04	0.991	0.999	9.6		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.2-Dichlorooroane	1	0	Avg	0.4372	0.3588	0.4013	0.3898	0.4247	0.3721	0.3169	0.3893	-----	0.386	4.96	0.991	1.00	9.8	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichloroethene	1	0	Avg	0.3457	0.2706	0.3293	0.2998	0.3190	0.2702	0.2270	0.3263	-----	0.299	4.82	0.989	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 13.2

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 624

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M58164.	CAL @ 20 PPB	01/13/09 10:59	2	3M58159.	CAL @ 5 PPB	01/13/09 09:33
3	3M58165.	CAL @ 10 PPB	01/13/09 11:17	4	3M58163.	CAL @ 50 PPB	01/13/09 10:41
5	3M58162.	CAL @ 100 PPB	01/13/09 10:24	6	3M58161.	CAL @ 250 PPB	01/13/09 10:07
7	3M58160.	CAL @ 500 PPB	01/13/09 09:50	8	3M58157.	CAL @ 1 PPB	01/13/09 08:54
9	3M58158.	CAL @ 0.5 PPB	01/13/09 09:14				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	Avg	1.2166	1.0715	1.1512	1.0760	1.1089	0.9248	-----	1.1388	1.3405	1.13	4.42	0.994	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0		1.00	0.50
tert-Amyl methyl ether	1	0	Avg	0.4217	0.3596	0.3934	0.3965	0.4310	0.3667	0.3177	0.3762	-----	0.383	4.48	0.992	1.00	9.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.4865	0.4244	0.4686	0.4837	0.5191	0.4931	0.4657	0.4085	-----	0.469	6.08	0.999	1.00	7.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chloroethylvinylether	1	0	LinF	0.2511	0.1716	0.1949	0.2464	0.2626	0.2647	0.2566	0.1762	-----	0.228	5.29	1.00	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.3-Dichloropropene	1	0	LinF	0.6472	0.4768	0.5504	0.6695	0.7169	0.6966	0.6620	0.4554	-----	0.609	5.39	0.999	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.3-Dichloroprope	1	0	LinF	0.5558	0.4292	0.4686	0.6006	0.6689	0.6526	0.6401	0.3673	-----	0.548	5.71	1.00	1.00	21		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloroethane	1	0	Avg	0.4070	0.3918	0.3811	0.3795	0.3816	0.3517	0.3232	0.3910	-----	0.376	5.83	0.998	1.00	7.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromoethane	1	0	Avg	0.4795	0.4248	0.4461	0.4635	0.4852	0.4551	0.4289	0.4417	-----	0.453	6.16	0.999	1.00	4.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichloropropane	1	0	Avg	0.7877	0.7382	0.7543	0.7337	0.7427	0.6437	0.5655	0.7107	-----	0.710	5.93	0.994	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Methyl-2-Pentanone	1	0	LinF	0.8882	0.6259	0.7995	0.8806	0.9314	0.9307	0.9208	0.5290	-----	0.813	5.47	1.00	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Hexanone	1	0	LinF	0.6912	0.5035	0.5974	0.6666	0.7207	0.7209	0.7116	0.3621	-----	0.622	5.96	1.00	1.00	21		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Tetrachloroethene	1	0	Avg	0.3384	0.2593	0.3178	0.3040	0.3042	0.2593	0.2180	0.3204	-----	0.290	5.92	0.989	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Toluene-d8	1	0	Avg	0.7945	0.8190	0.8064	0.8233	0.8236	0.8596	0.9138	0.8495	-----	0.836	5.56	-1	-1	4.5		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	0.8936	0.8211	0.8695	0.8500	0.8414	0.7303	0.6237	0.9600	-----	0.824	5.60	0.991	1.00	13	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.3487	0.3154	0.3419	0.3302	0.3306	0.2729	0.2187	0.3320	-----	0.311	6.48	0.982	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chlorobenzene	1	0	Avg	1.0494	0.9811	1.0148	0.9644	0.9765	0.8578	0.7327	1.0790	-----	0.957	6.43	0.992	1.00	12	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromoform	1	0	Avg	0.7146	0.5649	0.6064	0.7023	0.7727	0.7963	0.7746	0.5725	-----	0.688	6.95	1.00	1.00	14	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethylbenzene	1	0	Avg	0.6401	0.5783	0.6832	0.5708	0.5206	0.4113	-----	0.5961	-----	0.572	6.48	0.987	1.00	15	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	1.2692	1.1713	1.1410	1.1549	1.2013	1.1601	1.0779	1.1589	-----	1.17	7.19	0.999	1.00	4.6	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromofluorobenzene	1	0	Avg	0.8892	0.8466	0.8748	0.8783	0.8991	0.9802	1.0736	0.9092	-----	0.919	7.12	-1	-1	8.0		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	1.9408	1.5313	1.7834	1.7179	1.6835	1.3634	-----	1.2901	-----	1.62	6.81	0.991	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
m&p-Xylenes	1	0	Avg	1.0533	0.8376	0.9419	0.8989	0.8568	0.6764	-----	0.9198	-----	0.884	6.55	0.988	1.00	13		40.00	10.00	20.00	100.0	200.0	500.0		2.00	
o-Xylene	1	0	Avg	1.0742	0.8030	0.9931	0.9363	0.9100	0.7369	-----	0.7710	-----	0.889	6.80	0.990	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
trans-1.4-Dichloro-2-bu	1	0	Avg	0.5532	0.4583	0.4901	0.4897	0.4976	0.4482	0.3764	0.3950	-----	0.464	7.22	0.991	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichlorobenzene	1	0	Avg	1.4446	1.2707	1.3624	1.2841	1.2919	1.1469	0.9705	1.4837	-----	1.28	7.80	0.991	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dichlorobenzene	1	0	Avg	1.5244	1.3957	1.3860	1.3255	1.3604	1.2446	1.0862	1.6465	-----	1.37	7.86	0.994	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichlorobenzene	1	0	Avg	1.4654	1.2423	1.3388	1.3098	1.3553	1.2573	1.1146	1.3027	-----	1.30	8.11	0.996	1.00	7.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Isopropylbenzene	1	0	LinF	2.4472	1.5258	2.1086	2.2656	2.3045	2.1461	1.8378	1.7084	-----	2.04	7.02	0.993	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	Avg	0.0929	0.1284	0.0870	0.0927	0.1032	0.1033	0.1087	-----	-----	0.102	7.09	0.999	1.00	13		10.00	2.50	5.00	25.00	50.00	125.0	250.0		
1.2.3-Trichloropropane	1	0	Avg	1.4123	1.2337	1.2571	1.2745	1.3248	1.1535	0.9167	1.2248	-----	1.22	7.23	0.983	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chlorotoluene	1	0	Avg	1.6883	1.5300	1.7522	1.4028	1.4090	1.2602	-----	1.4782	-----	1.50	7.33	0.998	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
p-Ethyltoluene	1	0	Avg	2.0481	1.5669	2.0015	1.8297	1.8123	1.5861	-----	1.4270	-----	1.75	7.32	0.996	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
4-Chlorotoluene	1	0	Avg	1.9021	1.3158	1.5818	1.6774	1.7202	1.4735	1.1981	1.4512	-----	1.54	7.40	0.985	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Propylbenzene	1	0	Avg	3.0704	2.2103	2.8043	2.7259	2.8207	2.6076	2.3347	2.3586	-----	2.62	7.26	0.996	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	Avg	2.0878	1.8220	1.8967	1.8532	1.8569	1.5856	1.2807	1.9501	-----	1.79	7.23	0.985	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3.5-Trimethylbenzene	1	0	Avg	1.9044	1.2796	1.7229	1.7484	1.7862	1.6086	1.3834	1.3833	-----	1.60	7.36	0.993	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butylbenzene	1	0	LinF	1.6697	1.0082	1.4584	1.5089	1.5622	1.4548	1.2540	1.0136	-----	1.37	7.57	0.993	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trimethylbenzene	1	0	Avg	2.0694	1.4803	1.9255	1.8955	1.9348	1.7940	1.5543	1.4158	-----	1.76	7.60	0.994	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	LinF	2.0348	1.1758	1.8640	1.8639	1.9321	1.8132	1.6278	1.3574	-----	1.71	7.70	0.997	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	LinF	1.6015	0.9126	1.4461	1.4755	1.5137	1.3933	1.1665	0.9851	-----	1.31	7.78	0.991	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Butylbenzene	1	0	LinF	1.9072	1.1352	1.8061	1.7626	1.7830	1.6756	1.5151	1.1528	-----	1.59	8.05	0.997	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 13.2
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 624

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M58164.	CAL @ 20 PPB	01/13/09 10:59	2	3M58159.	CAL @ 5 PPB	01/13/09 09:33
3	3M58165.	CAL @ 10 PPB	01/13/09 11:17	4	3M58163.	CAL @ 50 PPB	01/13/09 10:41
5	3M58162.	CAL @ 100 PPB	01/13/09 10:24	6	3M58161.	CAL @ 250 PPB	01/13/09 10:07
7	3M58160.	CAL @ 500 PPB	01/13/09 09:50	8	3M58157.	CAL @ 1 PPB	01/13/09 08:54
9	3M58158.	CAL @ 0.5 PPB	01/13/09 09:14				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	LinF	0.9035	0.5217	0.8069	0.8437	0.8900	0.8054	0.7199	0.4822	-----	0.747	8.03	0.996	1.00	22	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2,4,5-Tetramethylber	1	0	LinF	1.5746	0.8214	1.3310	1.4926	1.5963	1.4838	1.3243	0.7874	-----	1.30	8.53	0.996	1.00	25	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2-Dibromo-3-Chloropr	1	0	LinF	0.2437	0.1747	0.2045	0.2439	0.2672	0.2845	0.2897	0.1268	-----	0.229	8.60	1.00	1.00	25	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Hexachlorobutadiene	1	0	LinF	0.4497	0.1974	0.4703	0.4033	0.3803	0.3337	0.2824	0.5711	-----	0.386	9.23	0.991	1.00	30	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2,4-Trichlorobenzene	1	0	Avg	0.7805	0.5042	0.7038	0.7458	0.7718	0.7440	0.6705	0.5783	-----	0.687	9.14	0.997	1.00	14	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2,3-Trichlorobenzene	1	0	LinF	0.8498	0.5685	0.7892	0.7693	0.7955	0.7474	0.6713	0.4839	-----	0.709	9.47	0.997	1.00	18	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Naphthalene	1	0	LinF	2.5372	1.4584	2.1679	2.3511	2.4430	2.2910	2.0401	1.1583	-----	2.06	9.32	0.996	1.00	24	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 13.2
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0048

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58164.D Sam Mult : 1 Vial# : 17 Qt On : 01/13/09 11:13
Acq On : 01/13/09 10:59 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	236488	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.424	117	200863	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.842	152	110172	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.159	111	73302	30.20	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.67%			
32) 1,2-Dichloroethane-d4	4.395	102	15807	30.41	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.37%			
56) Toluene-d8	5.557	100	159603	28.84	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.13%			
64) Bromofluorobenzene	7.123	174	97966	28.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.47%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.375	51	109618	22.38	ug/l	43
3) Dichlorodifluoromethane	1.325	85	47930	17.13	ug/l	93
4) Chloromethane	1.509	50	29214	15.93	ug/l	90
5) Bromomethane	1.775	94	8293	11.92	ug/l	96
6) Vinyl Chloride	1.542	62	28242	16.70	ug/l	96
7) Chloroethane	1.859	64	15479	22.81	ug/l	90
8) Trichlorofluoromethane	2.042	101	34073	24.01	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.416	101	31666	21.22	ug/l	94
10) Methylene Chloride	2.800	84	46267	19.95	ug/l	95
11) Acrolein	2.357	56	62282	287.53	ug/l	92
12) Acrylonitrile	2.997	53	26795	20.27	ug/l	100
13) Iodomethane	2.554	142	62726	21.69	ug/l	90
14) Acetone	2.475	43	137453	95.93	ug/l	91
15) Carbon Disulfide	2.603	76	141997	27.25	ug/l	100
16) t-Butyl Alcohol	2.888	59	17577	105.11	ug/l	89
17) n-Hexane	3.213	57	25961	23.43	ug/l	85
18) Di-isopropyl-ether	3.391	45	239027	21.33	ug/l	76
19) 1,1-Dichloroethene	2.426	61	84071	19.14	ug/l	83
20) Methyl Acetate	2.721	43	76528	18.05	ug/l	100
21) Methyl-t-butyl ether	3.007	73	74027	20.99	ug/l	82
22) 1,1-Dichloroethane	3.351	63	95043	20.45	ug/l	94
23) trans-1,2-Dichloroethene	3.007	96	39514	21.06	ug/l	91
24) cis-1,2-Dichloroethene	3.824	61	97353	20.60	ug/l	89
25) Bromochloromethane	4.001	49	71023	19.31	ug/l	94
26) 2,2-Dichloropropane	3.824	77	35556	19.38	ug/l	93
27) 1,4-Dioxane	5.045	88	40431	1071.77	ug/l	68
28) 1,1-Dichloropropene	4.287	75	74323	24.07	ug/l	97
29) Chloroform	4.051	83	86270	19.90	ug/l	98
31) Cyclohexane	4.218	56	72769	23.03	ug/l	75
33) 1,2-Dichloroethane	4.435	62	93335	20.25	ug/l	99
34) 2-Butanone	3.834	43	52308	21.33	ug/l	76
35) 1,1,1-Trichloroethane	4.179	97	56853	20.79	ug/l	97
36) Carbon Tetrachloride	4.287	117	50909	23.30	ug/l	88
37) Vinyl Acetate	3.381	43	235133	19.99	ug/l	100
38) Bromodichloromethane	5.124	83	79314	21.45	ug/l	93
39) Methylcyclohexane	4.937	83	43192	25.19	ug/l	71
40) Dibromomethane	5.035	174	50883	22.20	ug/l	97
41) 1,2-Dichloropropane	4.957	63	68932	21.65	ug/l	99
42) Trichloroethene	4.819	130	54513	21.78	ug/l	92
43) Benzene	4.425	78	191816	20.75	ug/l	100
44) tert-Amyl methyl ether	4.484	73	66499	19.92	ug/l	96
46) Dibromochloromethane	6.079	129	65153	21.69	ug/l	97
47) 2-Chloroethylvinylether	5.291	63	33633	20.78	ug/l	86
48) cis-1,3-Dichloropropene	5.390	75	86671	22.01	ug/l	95
49) trans-1,3-Dichloropropene	5.715	75	74431	21.07	ug/l	97
50) 1,1,2-Trichloroethane	5.833	97	54510	20.54	ug/l	93
51) 1,2-Dibromoethane	6.158	107	64220	22.46	ug/l	95
52) 1,3-Dichloropropane	5.932	76	105483	21.22	ug/l	94
53) 4-Methyl-2-Pentanone	5.469	43	118949	19.97	ug/l	89
54) 2-Hexanone	5.961	43	92561	20.25	ug/l	85
55) Tetrachloroethene	5.922	164	45322	23.24	ug/l	99
57) Toluene	5.597	92	119665	19.09	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.483	133	46701	23.09	ug/l	87
59) Chlorobenzene	6.434	112	140535	19.60	ug/l	94
61) Bromoform	6.946	173	52487	24.18	ug/l	97
62) Ethylbenzene	6.483	106	47016	18.92	ug/l	74
63) 1,1,2,2-Tetrachloroethane	7.192	83	93223	20.77	ug/l	87
65) Styrene	6.808	104	142550	20.83	ug/l	90
66) m&p-Xylenes	6.552	106	154738	43.16	ug/l	87

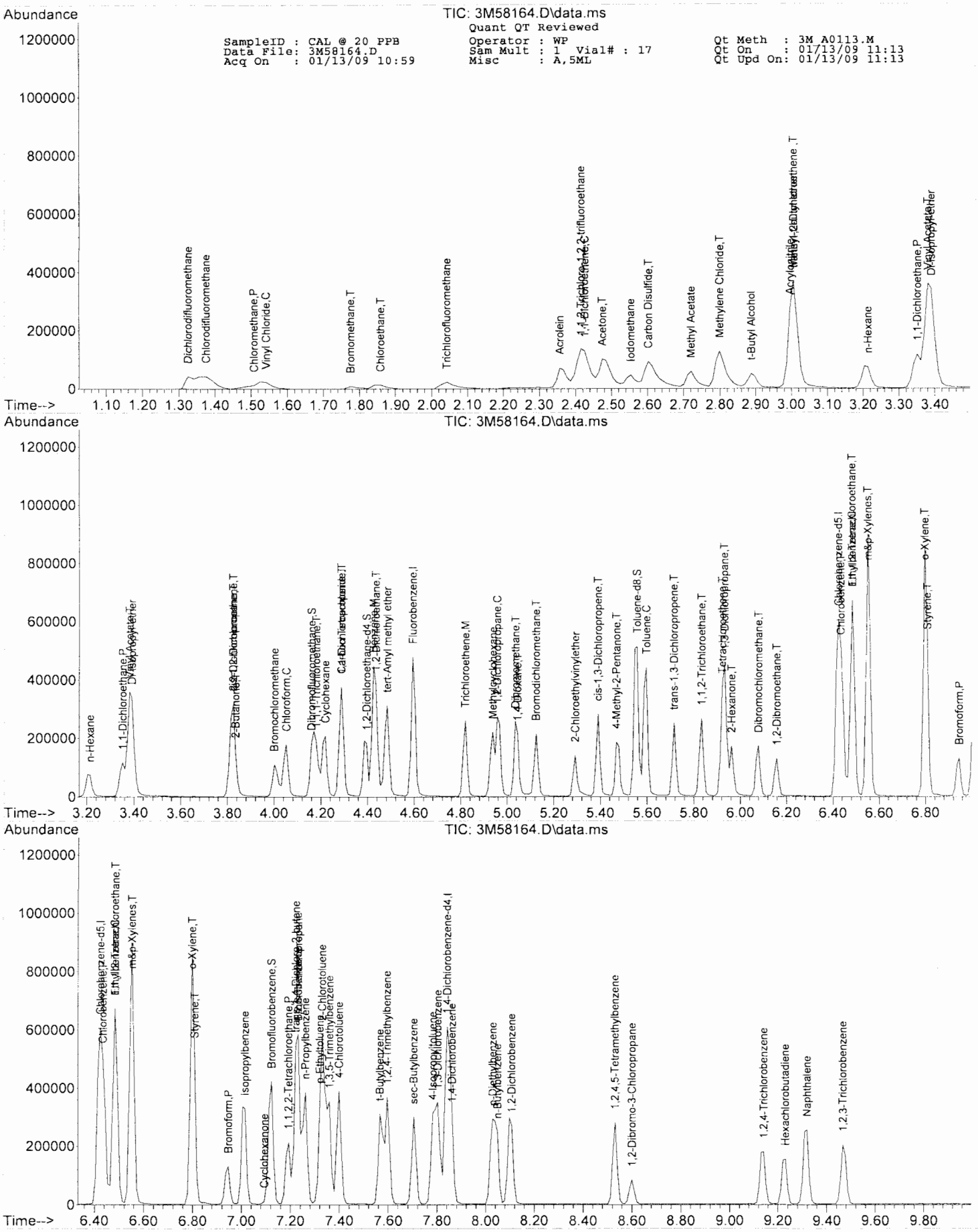
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58164.D Sam Mult : 1 Vial# : 17 Qt On : 01/13/09 11:13
Acq On : 01/13/09 10:59 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.798	106	78901	21.52 ug/l	83
68) trans-1,4-Dichloro-2-b...	7.222	53	40637	24.94 ug/l	46
69) 1,3-Dichlorobenzene	7.803	146	106103	19.76 ug/l	97
70) 1,4-Dichlorobenzene	7.862	146	111971	18.97 ug/l	94
71) 1,2-Dichlorobenzene	8.108	146	107631	19.17 ug/l	98
72) Isopropylbenzene	7.015	105	179743	21.62 ug/l	98
73) Cyclohexanone	7.094	55	3412	11.16 ug/l	86
74) 1,2,3-Trichloropropane	7.232	75	103732	22.19 ug/l	92
75) 2-Chlorotoluene	7.330	91	124007	19.43 ug/l	97
76) p-Ethyltoluene	7.320	105	150431	22.11 ug/l	90
77) 4-Chlorotoluene	7.399	91	139712	23.25 ug/l	96
78) n-Propylbenzene	7.261	91	225519	21.81 ug/l	96
79) Bromobenzene	7.232	77	153347	19.81 ug/l	84
80) 1,3,5-Trimethylbenzene	7.360	105	139875	22.61 ug/l	61
81) t-Butylbenzene	7.567	119	122636	22.33 ug/l	95
82) 1,2,4-Trimethylbenzene	7.596	105	151997	21.08 ug/l	95
83) sec-Butylbenzene	7.704	105	149453	22.96 ug/l	94
84) 4-Isopropyltoluene	7.783	119	117628	22.31 ug/l	98
85) n-Butylbenzene	8.049	91	140086	22.77 ug/l	98
86) p-Diethylbenzene	8.029	119	66367	23.41 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.532	119	115656	23.05 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.601	157	17899	20.22 ug/l	95
89) Hexachlorobutadiene	9.231	225	33030	25.38 ug/l	97
90) 1,2,4-Trichlorobenzene	9.142	180	57333	20.43 ug/l	98
91) 1,2,3-Trichlorobenzene	9.467	180	62419	20.90 ug/l	99
92) Naphthalene	9.320	128	186352	20.99 ug/l	100

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


Abundance
TIC: 3M58164.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 3M58164.D
Acq On : 01/13/09 10:59
Operator : WP
Sam Mult : 1 Vial# : 17
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:13
Qt Upd On: 01/13/09 11:13
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB
Data File: 3M58159.D
Acq On : 01/13/09 09:33

Operator : WP
Sam Mult : 1 Vial# : 12
Misc : A,5ML

Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:23
Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	259241	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.414	117	208532	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.842	152	120338	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.158	111	83987	31.57	ug/l	0.00
Spiked Amount 30.000			Recovery =	105.23%		
32) 1,2-Dichloroethane-d4	4.385	102	17662	31.00	ug/l	-0.01
Spiked Amount 30.000			Recovery =	103.33%		
56) Toluene-d8	5.547	100	170794	29.73	ug/l	-0.01
Spiked Amount 30.000			Recovery =	99.10%		
64) Bromofluorobenzene	7.123	174	101889	27.56	ug/l	0.00
Spiked Amount 30.000			Recovery =	91.87%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.365	51	25895	4.82	ug/l	46
3) Dichlorodifluoromethane	1.331	85	10052	3.28	ug/l	100
4) Chloromethane	1.498	50	8187	4.07	ug/l	94
5) Bromomethane	1.781	94	1759	2.31	ug/l	59
6) Vinyl Chloride	1.531	62	6529	3.52	ug/l	90
7) Chloroethane	1.848	64	4261	5.73	ug/l	95
8) Trichlorofluoromethane	2.031	101	7065	4.54	ug/l	88
9) 1,1,2-Trichloro-1,2,2-...	2.405	101	6198	3.79	ug/l	97
10) Methylene Chloride	2.789	84	12545	4.93	ug/l	98
11) Acrolein	2.356	56	16001	67.39	ug/l	89
12) Acrylonitrile	2.996	53	6460	4.46	ug/l	94
13) Iodomethane	2.543	142	12027	3.79	ug/l	89
14) Acetone	2.474	43	36452	23.21	ug/l	93
15) Carbon Disulfide	2.602	76	31657	5.54	ug/l	100
16) t-Butyl Alcohol	2.888	59	3611	19.70	ug/l	46
17) n-Hexane	3.203	57	3805	3.13	ug/l	86
18) Di-isopropyl-ether	3.380	45	53156	4.33	ug/l	72
19) 1,1-Dichloroethene	2.415	61	18414	3.82	ug/l	84
20) Methyl Acetate	2.711	43	18208	3.92	ug/l	100
21) Methyl-t-butyl ether	3.006	73	16598	4.29	ug/l	77
22) 1,1-Dichloroethane	3.341	63	23064	4.53	ug/l	95
23) trans-1,2-Dichloroethene	3.006	96	9491	4.61	ug/l	92
24) cis-1,2-Dichloroethene	3.814	61	20995	4.05	ug/l	83
25) Bromochloromethane	4.001	49	18307	4.54	ug/l	91
26) 2,2-Dichloropropane	3.814	77	7415	3.69	ug/l	91
27) 1,4-Dioxane	5.045	88	7723	186.76	ug/l	71
28) 1,1-Dichloropropene	4.286	75	12347	3.65	ug/l	96
29) Chloroform	4.040	83	22055	4.64	ug/l	91
31) Cyclohexane	4.208	56	9929	2.87	ug/l	76
33) 1,2-Dichloroethane	4.434	62	23825	4.72	ug/l	97
34) 2-Butanone	3.833	43	11052	4.11	ug/l	77
35) 1,1,1-Trichloroethane	4.178	97	11053	3.69	ug/l	98
36) Carbon Tetrachloride	4.286	117	10239	4.27	ug/l	88
37) Vinyl Acetate	3.380	43	55215	4.28	ug/l	100
38) Bromodichloromethane	5.124	83	19281	4.76	ug/l	98
39) Methylcyclohexane	4.927	83	5483	2.92	ug/l	67
40) Dibromomethane	5.035	174	13335	5.31	ug/l	95
41) 1,2-Dichloropropane	4.956	63	15504	4.44	ug/l	99
42) Trichloroethene	4.818	130	11693	4.26	ug/l	96
43) Benzene	4.424	78	46299	4.57	ug/l	100
44) tert-Amyl methyl ether	4.474	73	15537	4.24	ug/l	99
46) Dibromochloromethane	6.069	129	14750	4.73	ug/l	99
47) 2-Chloroethylvinylether	5.291	63	5966	3.55	ug/l	86
48) cis-1,3-Dichloropropene	5.389	75	16574	4.06	ug/l	96
49) trans-1,3-Dichloropropene	5.714	75	14920	4.07	ug/l	100
50) 1,1,2-Trichloroethane	5.833	97	13618	4.94	ug/l	94
51) 1,2-Dibromoethane	6.148	107	14767	4.97	ug/l	88
52) 1,3-Dichloropropane	5.931	76	25658	4.97	ug/l	95
53) 4-Methyl-2-Pentanone	5.468	43	21756	3.52	ug/l	90
54) 2-Hexanone	5.961	43	17502	3.69	ug/l	80
55) Tetrachloroethene	5.921	164	9012	4.45	ug/l	95
57) Toluene	5.586	92	28539	4.39	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.473	133	10962	5.22	ug/l	86
59) Chlorobenzene	6.433	112	34100	4.58	ug/l	100
61) Bromoform	6.936	173	11330	4.78	ug/l	99
62) Ethylbenzene	6.483	106	11599	4.27	ug/l	78
63) 1,1,2,2-Tetrachloroethane	7.182	83	23493	4.79	ug/l	84
65) Styrene	6.798	104	30713	4.11	ug/l	96
66) m&p-Xylenes	6.552	106	33602	8.58	ug/l	95

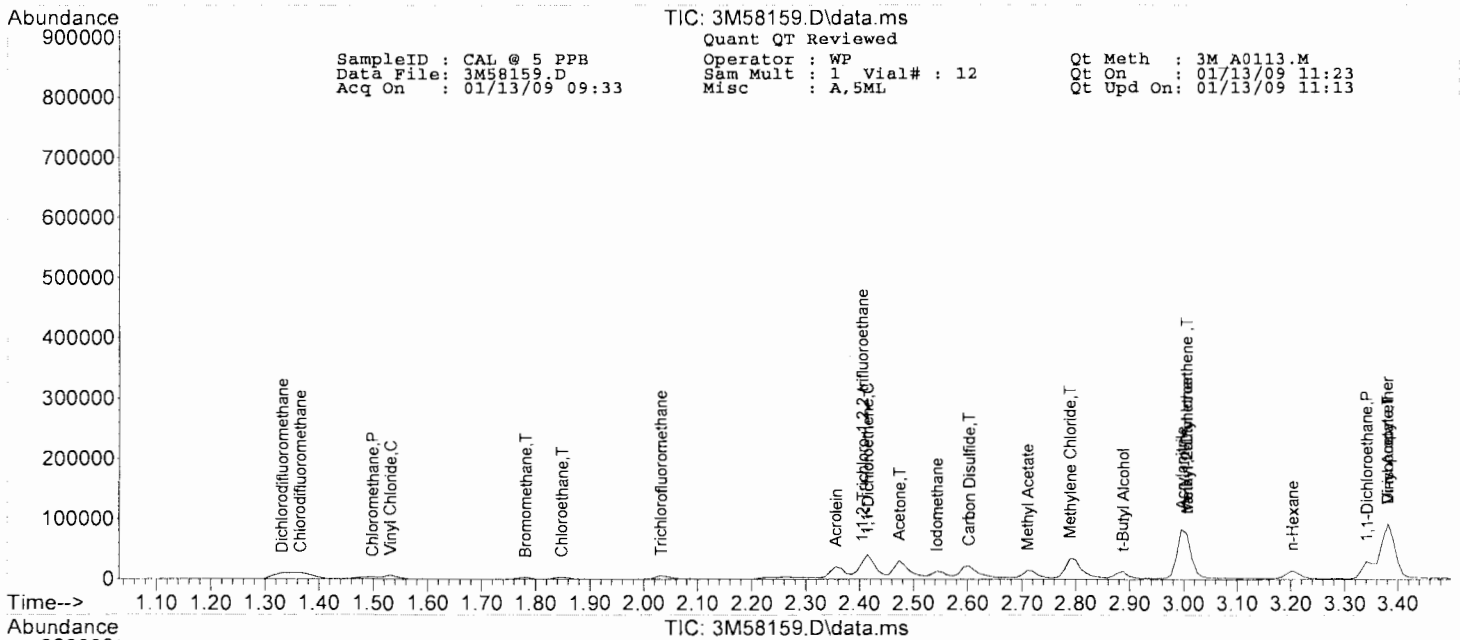
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58159.D Sam Mult : 1 Vial# : 12 Qt On : 01/13/09 11:23
Acq On : 01/13/09 09:33 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.798	106	16107	4.02 ug/l	93
68) trans-1,4-Dichloro-2-b...	7.211	53	9193	5.17 ug/l	51
69) 1,3-Dichlorobenzene	7.802	146	25486	4.35 ug/l	95
70) 1,4-Dichlorobenzene	7.852	146	27994m	4.34 ug/l	
71) 1,2-Dichlorobenzene	8.098	146	24917	4.06 ug/l	98
72) Isopropylbenzene	7.005	105	30603	3.37 ug/l	97
73) Cyclohexanone	7.113	55	1288m	3.86 ug/l	
74) 1,2,3-Trichloropropane	7.221	75	24745	4.85 ug/l	94
75) 2-Chlorotoluene	7.330	91	30688	4.40 ug/l	96
76) p-Ethyltoluene	7.320	105	31428	4.23 ug/l	95
77) 4-Chlorotoluene	7.389	91	26392	4.02 ug/l	99
78) n-Propylbenzene	7.251	91	44332	3.92 ug/l	93
79) Bromobenzene	7.221	77	36544	4.32 ug/l	83
80) 1,3,5-Trimethylbenzene	7.349	105	25664	3.80 ug/l	52
81) t-Butylbenzene	7.566	119	20222	3.37 ug/l	91
82) 1,2,4-Trimethylbenzene	7.596	105	29690	3.77 ug/l	96
83) sec-Butylbenzene	7.704	105	23584	3.32 ug/l	97
84) 4-Isopropyltoluene	7.783	119	18305	3.18 ug/l	95
85) n-Butylbenzene	8.039	91	22768	3.39 ug/l	95
86) p-Diethylbenzene	8.019	119	10465	3.38 ug/l	93
87) 1,2,4,5-Tetramethylben...	8.531	119	16476	3.01 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.600	157	3504	3.62 ug/l	96
89) Hexachlorobutadiene	9.221	225	3960	2.79 ug/l	96
90) 1,2,4-Trichlorobenzene	9.132	180	10113	3.30 ug/l	97
91) 1,2,3-Trichlorobenzene	9.467	180	11402	3.50 ug/l	96
92) Naphthalene	9.309	128	29252	3.02 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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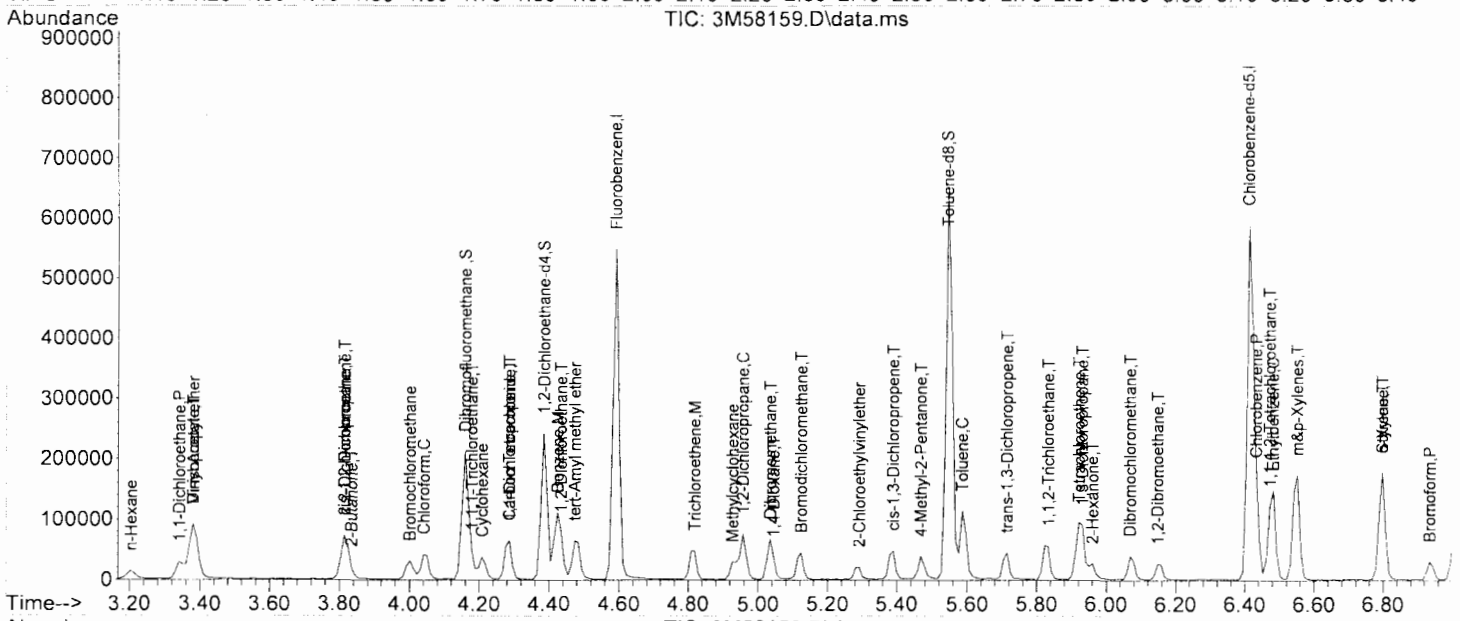
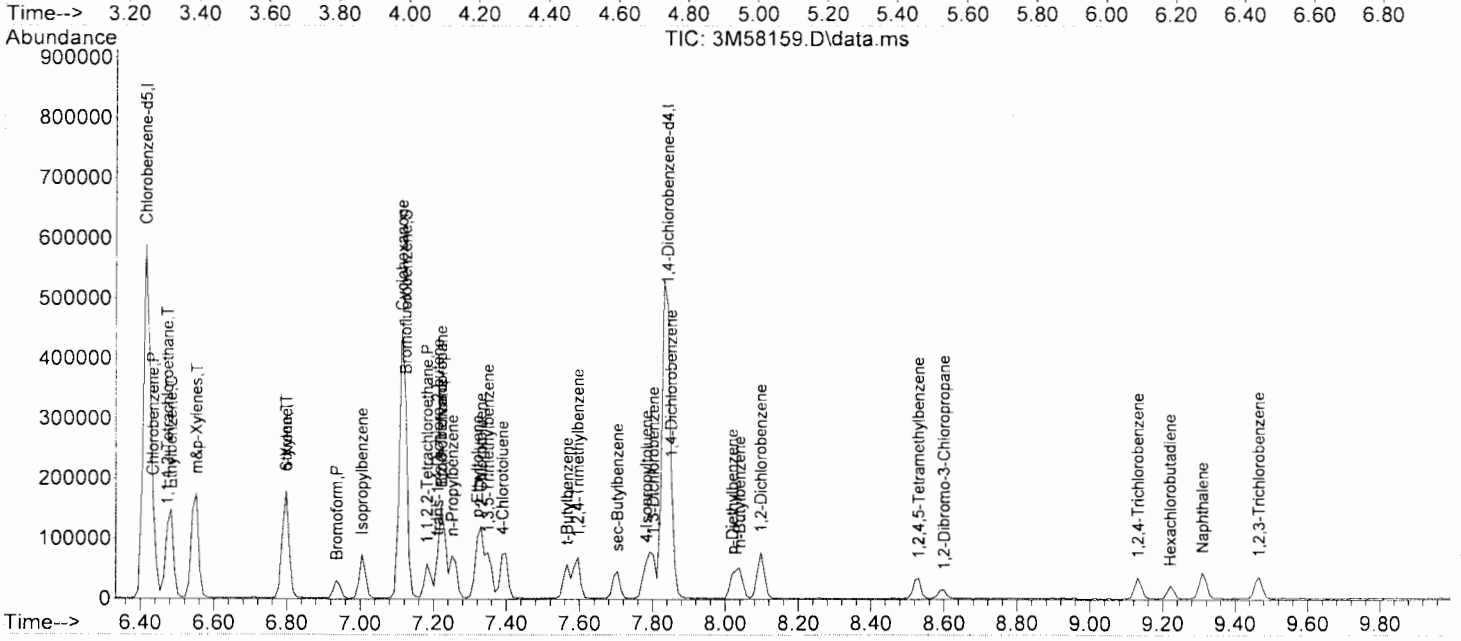
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 3M58159.D
Acq On : 01/13/09 09:33
Operator : WP
Sam Mult : 1 Vial# : 12
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:23
Qt Upd On: 01/13/09 11:13
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M58159.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 3M58159.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58165.D Sam Mult : 1 Vial# : 18 Qt On : 01/13/09 11:33
Acq On : 01/13/09 11:17 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.611	96	255347	30.00	ug/l	0.02
45) Chlorobenzene-d5	6.433	117	209783	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.861	152	119544	30.00	ug/l	0.02
System Monitoring Compounds						
30) Dibromofluoromethane	4.177	111	78910	30.11	ug/l	0.02
Spiked Amount 30.000			Recovery = 100.37%			
32) 1,2-Dichloroethane-d4	4.404	102	16439	29.29	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.63%			
56) Toluene-d8	5.566	100	169179	29.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.57%			
64) Bromofluorobenzene	7.142	174	104588	28.47	ug/l	0.02
Spiked Amount 30.000			Recovery = 94.90%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.376	51	49054	9.28	ug/l	52
3) Dichlorodifluoromethane	1.326	85	24388	8.07	ug/l	100
4) Chloromethane	1.509	50	14382	7.26	ug/l	91
5) Bromomethane	1.776	94	2986	3.98	ug/l	92
6) Vinyl Chloride	1.542	62	13685	7.49	ug/l	95
7) Chloroethane	1.859	64	7363	10.05	ug/l	96
8) Trichlorofluoromethane	2.042	101	15034	9.81	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.414	101	15789	9.80	ug/l	96
10) Methylene Chloride	2.808	84	22198	8.86	ug/l	95
11) Acrolein	2.365	56	30400	129.98	ug/l	94
12) Acrylonitrile	3.005	53	13289	9.31	ug/l	86
13) Iodomethane	2.552	142	26907	8.62	ug/l	97
14) Acetone	2.483	43	69769	45.10	ug/l	92
15) Carbon Disulfide	2.611	76	75389	13.40	ug/l	100
16) t-Butyl Alcohol	2.897	59	8049	44.58	ug/l	95
17) n-Hexane	3.212	57	12603	10.53	ug/l	83
18) Di-isopropyl-ether	3.399	45	117931	9.75	ug/l	76
19) 1,1-Dichloroethene	2.434	61	39120	8.25	ug/l	85
20) Methyl Acetate	2.720	43	38140	8.33	ug/l	100
21) Methyl-t-butyl ether	3.015	73	36095	9.48	ug/l	77
22) 1,1-Dichloroethane	3.360	63	46787	9.32	ug/l	98
23) trans-1,2-Dichloroethene	3.015	96	19469	9.61	ug/l	93
24) cis-1,2-Dichloroethene	3.833	61	47444	9.30	ug/l	88
25) Bromochloromethane	4.010	49	36712	9.24	ug/l	87
26) 2,2-Dichloropropane	3.833	77	15942	8.05	ug/l	96
27) 1,4-Dioxane	5.054	88	19827	486.77	ug/l	60
28) 1,1-Dichloropropene	4.295	75	36210	10.86	ug/l	94
29) Chloroform	4.059	83	42655	9.11	ug/l	97
31) Cyclohexane	4.227	56	36296	10.64	ug/l	73
33) 1,2-Dichloroethane	4.453	62	46838	9.41	ug/l	99
34) 2-Butanone	3.842	43	25723	9.71	ug/l	77
35) 1,1,1-Trichloroethane	4.187	97	28167	9.54	ug/l	94
36) Carbon Tetrachloride	4.305	117	25025	10.61	ug/l	87
37) Vinyl Acetate	3.389	43	110404	8.69	ug/l	100
38) Bromodichloromethane	5.133	83	39111	9.80	ug/l	98
39) Methylcyclohexane	4.946	83	21944	11.85	ug/l	76
40) Dibromomethane	5.054	174	26949	10.89	ug/l	91
41) 1,2-Dichloropropane	4.975	63	34157	9.93	ug/l	96
42) Trichloroethene	4.827	130	28032	10.37	ug/l	92
43) Benzene	4.433	78	97989	9.82	ug/l	100
44) tert-Amyl methyl ether	4.492	73	33490	9.29	ug/l	95
46) Dibromochloromethane	6.088	129	32771	10.45	ug/l	93
47) 2-Chloroethylvinylether	5.300	63	13634	8.07	ug/l	79
48) cis-1,3-Dichloropropene	5.399	75	38489	9.36	ug/l	94
49) trans-1,3-Dichloropropene	5.733	75	32768	8.88	ug/l	97
50) 1,1,2-Trichloroethane	5.852	97	26652	9.61	ug/l	95
51) 1,2-Dibromoethane	6.167	107	31197	10.45	ug/l	88
52) 1,3-Dichloropropane	5.950	76	52747	10.16	ug/l	94
53) 4-Methyl-2-Pentanone	5.487	43	55912	8.99	ug/l	89
54) 2-Hexanone	5.980	43	41775	8.75	ug/l	87
55) Tetrachloroethene	5.940	164	22226	10.91	ug/l	95
57) Toluene	5.605	92	60802	9.29	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.492	133	23914	11.32	ug/l	91
59) Chlorobenzene	6.452	112	70963	9.48	ug/l	95
61) Bromoform	6.955	173	24164	10.26	ug/l	99
62) Ethylbenzene	6.502	106	27224	10.10	ug/l	87
63) 1,1,2,2-Tetrachloroethane	7.201	83	45470	9.34	ug/l	88
65) Styrene	6.817	104	71066	9.57	ug/l	97
66) m&p-Xylenes	6.571	106	75066	19.30	ug/l	88

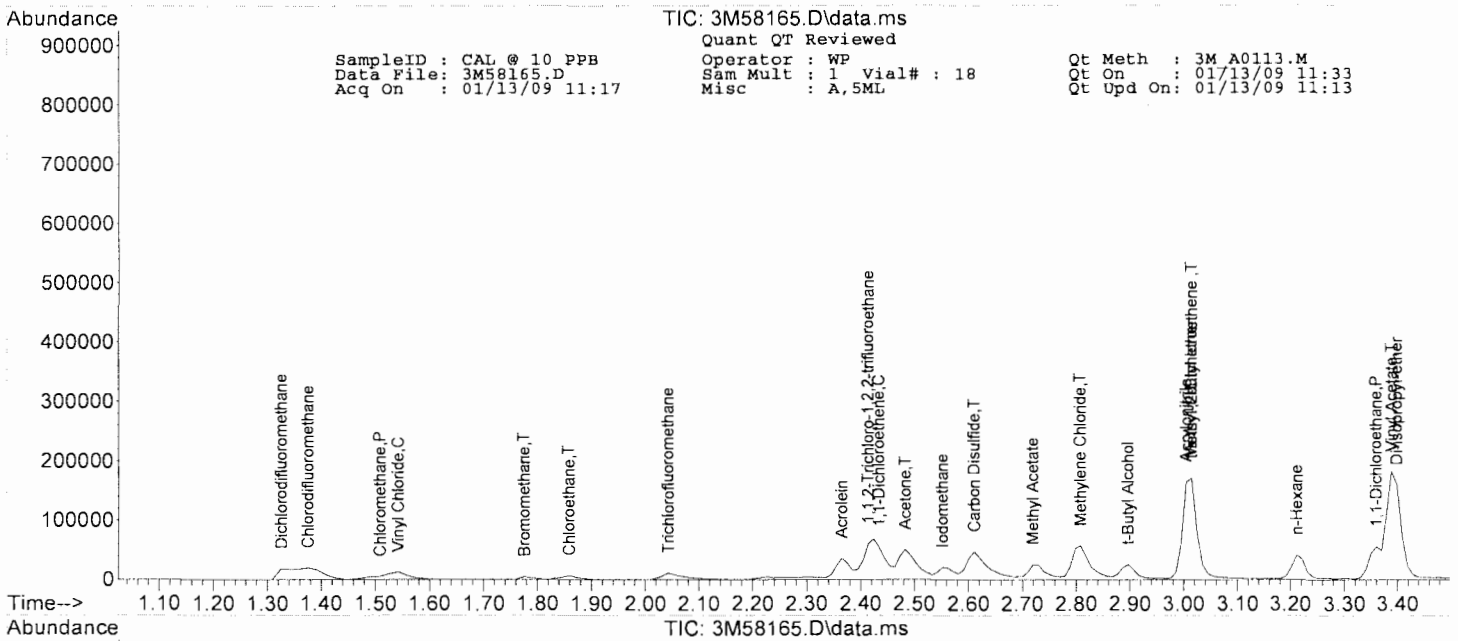
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58165.D Sam Mult : 1 Vial# : 18 Qt On : 01/13/09 11:33
Acq On : 01/13/09 11:17 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.817	106	39574	9.95 ug/l	87
68) trans-1,4-Dichloro-2-b...	7.230	53	19533	11.05 ug/l	46
69) 1,3-Dichlorobenzene	7.821	146	54289	9.32 ug/l	97
70) 1,4-Dichlorobenzene	7.871	146	55231	8.62 ug/l	89
71) 1,2-Dichlorobenzene	8.117	146	53351	8.76 ug/l	97
72) Isopropylbenzene	7.024	105	84024	9.31 ug/l	98
73) Cyclohexanone	7.112	55	1735	5.23 ug/l #	73
74) 1,2,3-Trichloropropane	7.240	75	50093	9.88 ug/l	95
75) 2-Chlorotoluene	7.349	91	69824	10.08 ug/l	93
76) p-Ethyltoluene	7.339	105	79757	10.80 ug/l	93
77) 4-Chlorotoluene	7.418	91	63032	9.67 ug/l	98
78) n-Propylbenzene	7.280	91	111746	9.96 ug/l	96
79) Bromobenzene	7.240	77	75580	9.00 ug/l	86
80) 1,3,5-Trimethylbenzene	7.368	105	68654	10.23 ug/l	60
81) t-Butylbenzene	7.585	119	58117	9.75 ug/l	95
82) 1,2,4-Trimethylbenzene	7.615	105	76731	9.81 ug/l	95
83) sec-Butylbenzene	7.723	105	74279	10.52 ug/l	94
84) 4-Isopropyltoluene	7.802	119	57625	10.07 ug/l	98
85) n-Butylbenzene	8.058	91	71973	10.78 ug/l	96
86) p-Diethylbenzene	8.048	119	32156	10.45 ug/l	94
87) 1,2,4,5-Tetramethylben...	8.550	119	53038	9.74 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.619	157	8152	8.49 ug/l	92
89) Hexachlorobutadiene	9.240	225	18744	13.28 ug/l	96
90) 1,2,4-Trichlorobenzene	9.151	180	28047	9.21 ug/l	99
91) 1,2,3-Trichlorobenzene	9.486	180	31451	9.70 ug/l	99
92) Naphthalene	9.328	128	86388	8.97 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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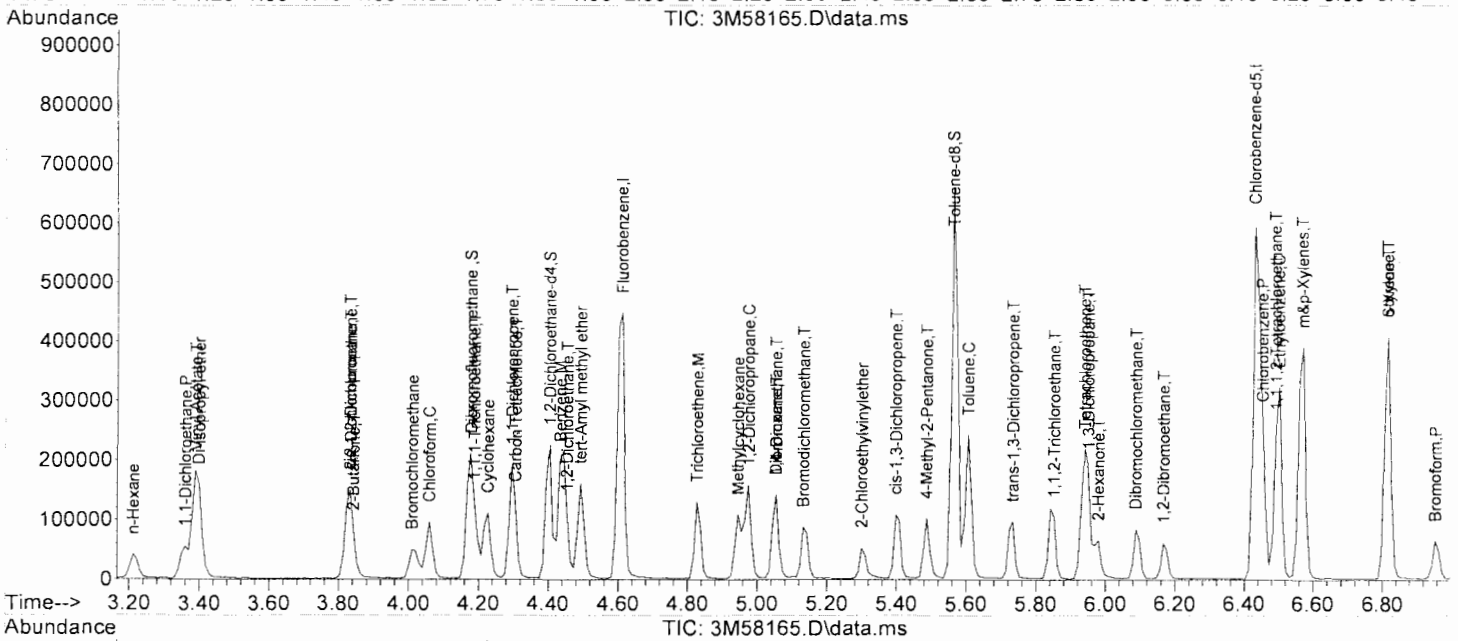
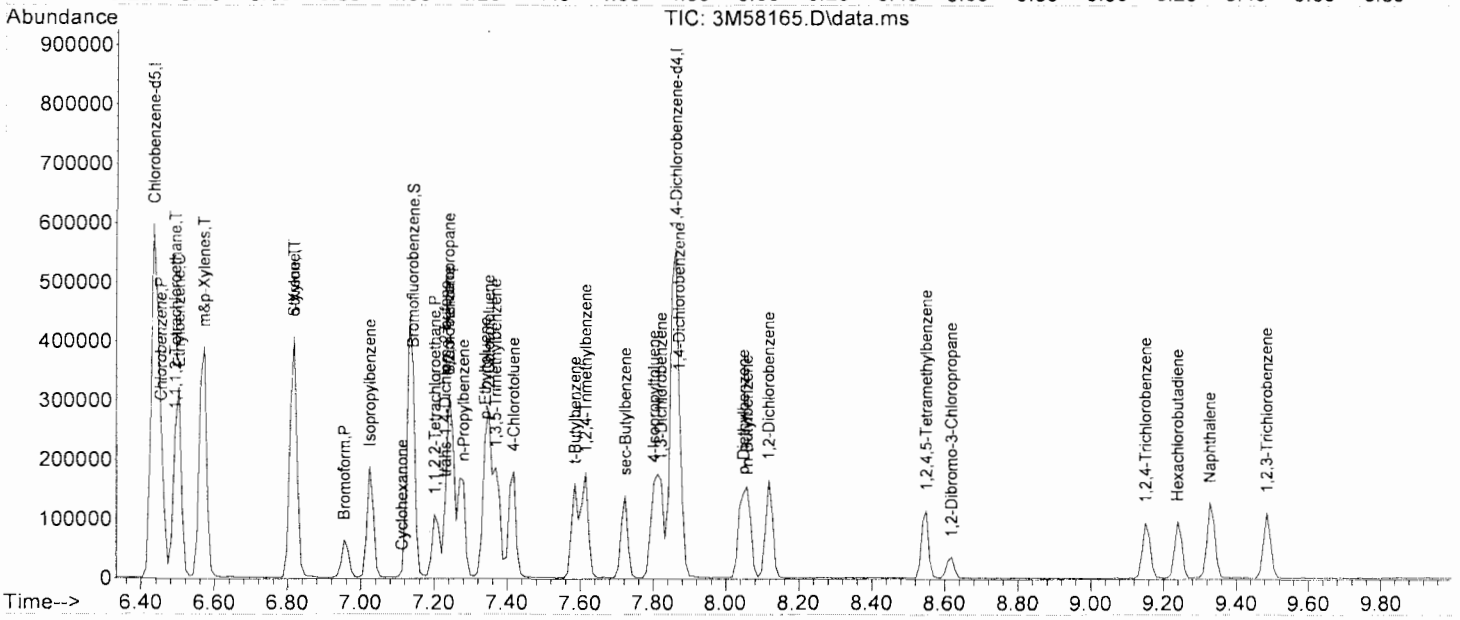
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 3M58165.D
Acq On : 01/13/09 11:17
Operator : WP
Sam Mult : 1 Vial# : 18
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:33
Qt Upd On: 01/13/09 11:13
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichloro-1,2,2-trifluoroethane
1,1-Dichloroethene,C
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M58165.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 3M58165.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 3M58163.D
Acq On : 01/13/09 10:41

Operator : WP
Sam Mult : 1 Vial# : 16
Misc : A,5ML

Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:31
Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.591	96	245393	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.423	117	198482	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.842	152	112839	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.168	111	72162	28.66	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.53%		
32) 1,2-Dichloroethane-d4	4.394	102	15043	27.89	ug/l	0.00
Spiked Amount 30.000			Recovery =	92.97%		
56) Toluene-d8	5.557	100	163420	29.88	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.60%		
64) Bromofluorobenzene	7.123	174	99115	28.59	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.30%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.380	51	261131	51.38	ug/l	45
3) Dichlorodifluoromethane	1.330	85	107106	36.88	ug/l	94
4) Chloromethane	1.513	50	67378	35.40	ug/l	84
5) Bromomethane	1.780	94	22011	30.49	ug/l	99
6) Vinyl Chloride	1.530	62	68280	38.91	ug/l	95
7) Chloroethane	1.847	64	32606	46.30	ug/l	100
8) Trichlorofluoromethane	2.047	101	76851	52.19	ug/l	100
9) 1,1,2-Trichloro-1,2,2-...	2.415	101	77332	49.95	ug/l	94
10) Methylene Chloride	2.799	84	105659	43.91	ug/l	96
11) Acrolein	2.366	56	154982	689.52	ug/l	98
12) Acrylonitrile	3.006	53	65990	48.10	ug/l	93
13) Iodomethane	2.553	142	145405	48.46	ug/l	85
14) Acetone	2.484	43	333545	224.33	ug/l	93
15) Carbon Disulfide	2.602	76	331746	61.35	ug/l	100
16) t-Butyl Alcohol	2.897	59	45517	262.31	ug/l	98
17) n-Hexane	3.213	57	61623	53.59	ug/l	85
18) Di-isopropyl-ether	3.390	45	555001	47.74	ug/l	75
19) 1,1-Dichloroethene	2.425	61	201982	44.32	ug/l	82
20) Methyl Acetate	2.720	43	186794	42.46	ug/l	100
21) Methyl-t-butyl ether	3.006	73	179152	48.96	ug/l	85
22) 1,1-Dichloroethane	3.351	63	214882	44.55	ug/l	97
23) trans-1,2-Dichloroethene	3.006	96	89003	45.71	ug/l	83
24) cis-1,2-Dichloroethene	3.823	61	224782	45.84	ug/l	84
25) Bromochloromethane	4.001	49	163243	42.77	ug/l	89
26) 2,2-Dichloropropane	3.823	77	91905	48.28	ug/l	91
27) 1,4-Dioxane	5.045	88	93872	2398.11	ug/l	71
28) 1,1-Dichloropropene	4.286	75	165318	51.59	ug/l	96
29) Chloroform	4.050	83	201930	44.88	ug/l	96
31) Cyclohexane	4.217	56	177823	54.24	ug/l	75
33) 1,2-Dichloroethane	4.434	62	208432	43.58	ug/l	100
34) 2-Butanone	3.833	43	122565	48.16	ug/l	74
35) 1,1,1-Trichloroethane	4.178	97	138902	48.95	ug/l	100
36) Carbon Tetrachloride	4.286	117	124313	54.83	ug/l	91
37) Vinyl Acetate	3.380	43	553832	45.37	ug/l	100
38) Bromodichloromethane	5.123	83	188583	49.15	ug/l	95
39) Methylcyclohexane	4.936	83	104469	58.71	ug/l	75
40) Dibromomethane	5.045	174	116055	48.79	ug/l	93
41) 1,2-Dichloropropane	4.966	63	159433	48.25	ug/l	93
42) Trichloroethene	4.818	130	122634	47.23	ug/l	95
43) Benzene	4.424	78	440096	45.88	ug/l	100
44) tert-Amyl methyl ether	4.483	73	162179	46.81	ug/l	98
46) Dibromochloromethane	6.079	129	160019	53.92	ug/l	98
47) 2-Chloroethylvinylether	5.291	63	81520	50.98	ug/l	82
48) cis-1,3-Dichloropropene	5.389	75	221479	56.93	ug/l	94
49) trans-1,3-Dichloropropene	5.714	75	198679	56.92	ug/l	97
50) 1,1,2-Trichloroethane	5.832	97	125558	47.88	ug/l	94
51) 1,2-Dibromoethane	6.157	107	153349	54.28	ug/l	94
52) 1,3-Dichloropropane	5.931	76	242713	49.41	ug/l	94
53) 4-Methyl-2-Pentanone	5.468	43	291326	49.48	ug/l	89
54) 2-Hexanone	5.960	43	220541	48.83	ug/l	86
55) Tetrachloroethene	5.921	164	100583	52.20	ug/l	99
57) Toluene	5.596	92	281207	45.40	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.482	133	109231	54.65	ug/l	94
59) Chlorobenzene	6.433	112	319054	45.03	ug/l	96
61) Bromoform	6.945	173	132084	59.41	ug/l	96
62) Ethylbenzene	6.482	106	107352	42.18	ug/l	79
63) 1,1,2,2-Tetrachloroethane	7.192	83	217196	47.25	ug/l	86
65) Styrene	6.807	104	323085	46.09	ug/l	95
66) m&p-Xylenes	6.551	106	338126	92.09	ug/l	88

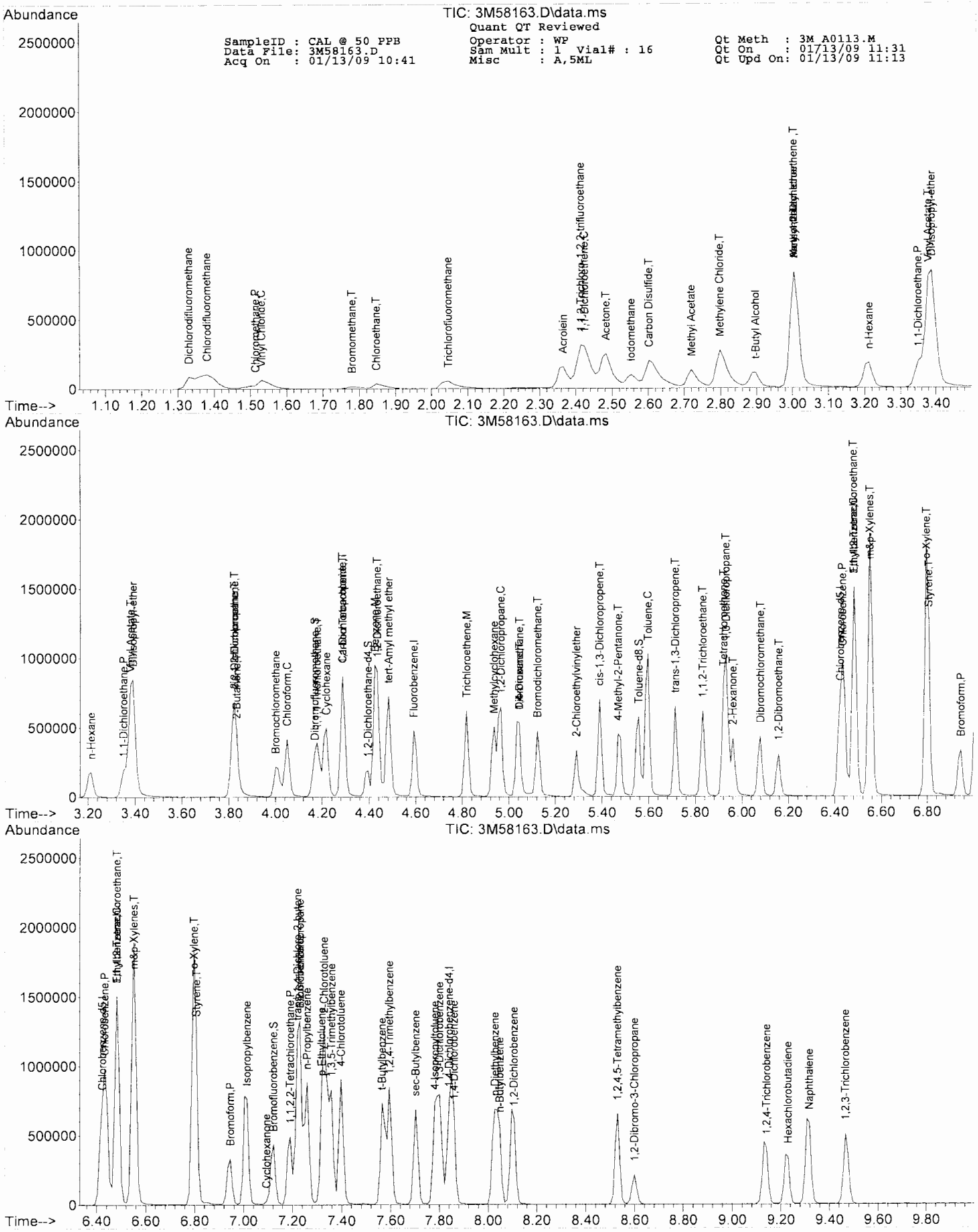
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58163.D Sam Mult : 1 Vial# : 16 Qt On : 01/13/09 11:31
Acq On : 01/13/09 10:41 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.798	106	176087	46.89 ug/l	78
68)	trans-1,4-Dichloro-2-b...	7.221	53	92108m	55.20 ug/l	
69)	1,3-Dichlorobenzene	7.802	146	241505	43.91 ug/l	98
70)	1,4-Dichlorobenzene	7.861	146	249281	41.24 ug/l	97
71)	1,2-Dichlorobenzene	8.107	146	246330	42.83 ug/l	98
72)	Isopropylbenzene	7.014	105	426088	50.04 ug/l	98
73)	Cyclohexanone	7.093	55	8717	27.84 ug/l	96
74)	1,2,3-Trichloropropane	7.231	75	239704	50.07 ug/l	91
75)	2-Chlorotoluene	7.329	91	263833	40.36 ug/l	98
76)	p-Ethyltoluene	7.320	105	344108	49.39 ug/l	90
77)	4-Chlorotoluene	7.398	91	315477	51.27 ug/l	97
78)	n-Propylbenzene	7.260	91	512652	48.40 ug/l	97
79)	Bromobenzene	7.231	77	348524	43.96 ug/l	82
80)	1,3,5-Trimethylbenzene	7.359	105	328825	51.89 ug/l	64
81)	t-Butylbenzene	7.566	119	283779	50.45 ug/l	94
82)	1,2,4-Trimethylbenzene	7.595	105	356488	48.26 ug/l	95
83)	sec-Butylbenzene	7.704	105	350534	52.58 ug/l	95
84)	4-Isopropyltoluene	7.782	119	277495	51.39 ug/l	97
85)	n-Butylbenzene	8.048	91	331494	52.61 ug/l	98
86)	p-Diethylbenzene	8.029	119	158685	54.65 ug/l	96
87)	1,2,4,5-Tetramethylben...	8.531	119	280720	54.62 ug/l	97
88)	1,2-Dibromo-3-Chloropr...	8.600	157	45879	50.61 ug/l	97
89)	Hexachlorobutadiene	9.230	225	75855	56.92 ug/l	99
90)	1,2,4-Trichlorobenzene	9.142	180	140264	48.81 ug/l	99
91)	1,2,3-Trichlorobenzene	9.467	180	144680	47.30 ug/l	98
92)	Naphthalene	9.319	128	442168	48.62 ug/l	100

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


Abundance
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Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 3M58163.D
Acq On : 01/13/09 10:41
Operator : WP
Sam Mult : 1 Vial# : 16
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:31
Qt Upd On: 01/13/09 11:13
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58162.D Sam Mult : 1 Vial# : 15 Qt On : 01/13/09 11:28
Acq On : 01/13/09 10:24 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.591	96	230478	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.423	117	193789	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.841	152	108722	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.168	111	69623	29.44	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.13%			
32) 1,2-Dichloroethane-d4	4.394	102	14978	29.57	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.57%			
56) Toluene-d8	5.556	100	159621	29.90	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.67%			
64) Bromofluorobenzene	7.122	174	97754	29.26	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.53%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.376	51	548742	114.96	ug/l	47
3) Dichlorodifluoromethane	1.326	85	238079	87.29	ug/l	93
4) Chloromethane	1.509	50	142724	79.84	ug/l	86
5) Bromomethane	1.776	94	41552	61.29	ug/l	97
6) Vinyl Chloride	1.543	62	137847	83.63	ug/l	95
7) Chloroethane	1.843	64	65829	99.53	ug/l	99
8) Trichlorofluoromethane	2.043	101	148682	107.50	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.415	101	156948	107.94	ug/l	95
10) Methylene Chloride	2.799	84	220169	97.41	ug/l	97
11) Acrolein	2.366	56	327999	1553.72	ug/l	99
12) Acrylonitrile	3.006	53	133920	103.94	ug/l	93
13) Iodomethane	2.553	142	312191	110.79	ug/l	88
14) Acetone	2.484	43	697676	499.60	ug/l	93
15) Carbon Disulfide	2.602	76	679533	133.79	ug/l	100
16) t-Butyl Alcohol	2.897	59	91288	560.12	ug/l	93
17) n-Hexane	3.203	57	134455	124.50	ug/l	83
18) Di-isopropyl-ether	3.390	45	1171240	107.26	ug/l	75
19) 1,1-Dichloroethene	2.425	61	417475	97.54	ug/l	83
20) Methyl Acetate	2.720	43	393106	95.14	ug/l	100
21) Methyl-t-butyl ether	3.006	73	370026	107.66	ug/l	86
22) 1,1-Dichloroethane	3.350	63	452084	99.80	ug/l	97
23) trans-1,2-Dichloroethene	3.006	96	177126	96.86	ug/l	85
24) cis-1,2-Dichloroethene	3.823	61	446400	96.93	ug/l	80
25) Bromochloromethane	4.000	49	326265	91.02	ug/l	87
26) 2,2-Dichloropropane	3.823	77	199986	111.86	ug/l	94
27) 1,4-Dioxane	5.044	88	181838	4945.96	ug/l	66
28) 1,1-Dichloropropene	4.286	75	321561	106.85	ug/l	96
29) Chloroform	4.050	83	405246	95.90	ug/l	97
31) Cyclohexane	4.217	56	351347	114.11	ug/l	76
33) 1,2-Dichloroethane	4.444	62	416681	92.76	ug/l	98
34) 2-Butanone	3.833	43	243695	101.96	ug/l	76
35) 1,1,1-Trichloroethane	4.178	97	280847	105.38	ug/l	97
36) Carbon Tetrachloride	4.286	117	245677	115.37	ug/l	95
37) Vinyl Acetate	3.380	43	1169238	101.97	ug/l	100
38) Bromodichloromethane	5.123	83	392506	108.93	ug/l	97
39) Methylcyclohexane	4.936	83	207916	124.41	ug/l	73
40) Dibromomethane	5.044	174	228768	102.40	ug/l	93
41) 1,2-Dichloropropane	4.966	63	326344	105.16	ug/l	100
42) Trichloroethene	4.818	130	245104	100.50	ug/l	89
43) Benzene	4.424	78	851965	94.57	ug/l	100
44) tert-Amyl methyl ether	4.483	73	331128	101.76	ug/l	98
46) Dibromochloromethane	6.078	129	335377	115.74	ug/l	98
47) 2-Chloroethylvinylether	5.291	63	169627	108.65	ug/l	84
48) cis-1,3-Dichloropropene	5.389	75	463144	121.94	ug/l	94
49) trans-1,3-Dichloropropene	5.714	75	432129	126.80	ug/l	100
50) 1,1,2-Trichloroethane	5.832	97	246500	96.27	ug/l	92
51) 1,2-Dibromoethane	6.157	107	313472	113.63	ug/l	96
52) 1,3-Dichloropropane	5.931	76	479775	100.03	ug/l	94
53) 4-Methyl-2-Pentanone	5.468	43	601673	104.67	ug/l	88
54) 2-Hexanone	5.960	43	465591	105.59	ug/l	86
55) Tetrachloroethene	5.921	164	196537	104.48	ug/l	99
57) Toluene	5.596	92	543566	89.89	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.482	133	213578	109.44	ug/l	99
59) Chlorobenzene	6.443	112	630826	91.19	ug/l	96
61) Bromoform	6.945	173	280054	130.73	ug/l	99
62) Ethylbenzene	6.482	106	188672	76.93	ug/l	76
63) 1,1,2,2-Tetrachloroethane	7.191	83	435366	98.29	ug/l	88
65) Styrene	6.807	104	610137	90.34	ug/l	95
66) m&p-Xylenes	6.551	106	621085	175.56	ug/l	79

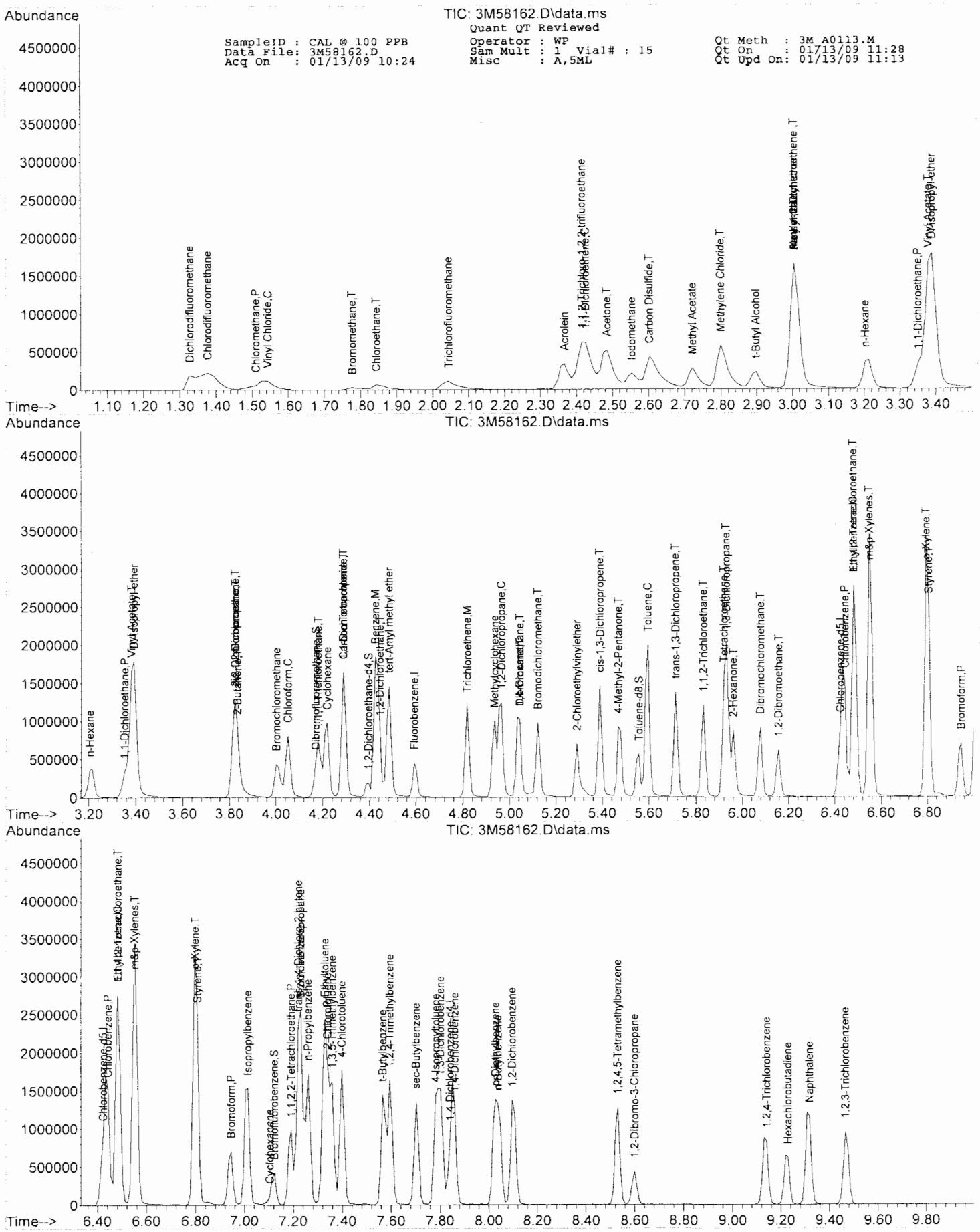
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58162.D Sam Mult : 1 Vial# : 15 Qt On : 01/13/09 11:28
Acq On : 01/13/09 10:24 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.797	106	329802	91.15 ug/l	76
68) trans-1,4-Dichloro-2-b...	7.221	53	180360m	112.19 ug/l	
69) 1,3-Dichlorobenzene	7.802	146	468196	88.36 ug/l	97
70) 1,4-Dichlorobenzene	7.861	146	493041	84.65 ug/l	97
71) 1,2-Dichlorobenzene	8.097	146	491195	88.64 ug/l	97
72) Isopropylbenzene	7.014	105	835186	101.80 ug/l	98
73) Cyclohexanone	7.103	55	18700	61.99 ug/l	93
74) 1,2,3-Trichloropropane	7.231	75	480117	104.09 ug/l	89
75) 2-Chlorotoluene	7.339	91	510659	81.08 ug/l	98
76) p-Ethyltoluene	7.329	105	656814	97.84 ug/l	96
77) 4-Chlorotoluene	7.398	91	623439	105.15 ug/l	95
78) n-Propylbenzene	7.260	91	1022265	100.16 ug/l	97
79) Bromobenzene	7.231	77	672959	88.10 ug/l	82
80) 1,3,5-Trimethylbenzene	7.359	105	647357	106.02 ug/l	66
81) t-Butylbenzene	7.566	119	566151	104.47 ug/l	93
82) 1,2,4-Trimethylbenzene	7.595	105	701216	98.53 ug/l	96
83) sec-Butylbenzene	7.704	105	700238	109.02 ug/l	94
84) 4-Isopropyltoluene	7.782	119	548587	105.44 ug/l	98
85) n-Butylbenzene	8.038	91	646172	106.43 ug/l	98
86) p-Diethylbenzene	8.029	119	322568	115.30 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.531	119	578510	116.82 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.600	157	96841	110.87 ug/l	95
89) Hexachlorobutadiene	9.230	225	137853	107.35 ug/l	99
90) 1,2,4-Trichlorobenzene	9.141	180	279729	101.03 ug/l	99
91) 1,2,3-Trichlorobenzene	9.466	180	288317	97.82 ug/l	99
92) Naphthalene	9.319	128	885372	101.05 ug/l	100

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


TIC: 3M58162.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 3M58162.D
Acq On : 01/13/09 10:24
Operator : WP
Sam Mult : 1 Vial# : 15
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:28
Qt Upd On: 01/13/09 11:13
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58161.D Sam Mult : 1 Vial# : 14 Qt On : 01/13/09 11:26
Acq On : 01/13/09 10:07 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	246824	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.424	117	196302	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.842	152	105197	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.168	111	65270	25.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 85.90%			
32) 1,2-Dichloroethane-d4	4.395	102	15286	28.18	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.93%			
56) Toluene-d8	5.557	100	168746	31.20	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.00%			
64) Bromofluorobenzene	7.123	174	103118	31.90	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.33%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.375	51	1413559	276.53	ug/l	47
3) Dichlorodifluoromethane	1.325	85	611588	209.39	ug/l	92
4) Chloromethane	1.508	50	415816	217.20	ug/l	82
5) Bromomethane	1.758	94	71867	98.99	ug/l	99
6) Vinyl Chloride	1.542	62	379783	215.15	ug/l	93
7) Chloroethane	1.842	64	128699	181.70	ug/l	95
8) Trichlorofluoromethane	2.025	101	390440	263.59	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.406	101	364431	234.03	ug/l	94
10) Methylene Chloride	2.800	84	541902	223.88	ug/l	96
11) Acrolein	2.356	56	816605	3612.05	ug/l	96
12) Acrylonitrile	2.996	53	312995	226.83	ug/l	95
13) Iodomethane	2.543	142	717176	237.65	ug/l	87
14) Acetone	2.484	43	1762595	1178.60	ug/l	91
15) Carbon Disulfide	2.603	76	1702691	313.04	ug/l	100
16) t-Butyl Alcohol	2.898	59	224646	1287.10	ug/l	96
17) n-Hexane	3.203	57	336463	290.92	ug/l	84
18) Di-isopropyl-ether	3.390	45	2695842	230.53	ug/l	74
19) 1,1-Dichloroethene	2.425	61	1041154	227.14	ug/l	84
20) Methyl Acetate	2.721	43	1019123	230.30	ug/l	100
21) Methyl-t-butyl ether	3.006	73	858357	233.20	ug/l	84
22) 1,1-Dichloroethane	3.351	63	1079620	222.56	ug/l	97
23) trans-1,2-Dichloroethene	3.006	96	409930	209.31	ug/l	81
24) cis-1,2-Dichloroethene	3.824	61	1046729	212.23	ug/l	75
25) Bromochloromethane	4.001	49	816286	212.64	ug/l	91
26) 2,2-Dichloropropane	3.824	77	520782	272.00	ug/l	92
27) 1,4-Dioxane	5.045	88	392974	9980.94	ug/l	59
28) 1,1-Dichloropropene	4.287	75	714812	221.79	ug/l	97
29) Chloroform	4.050	83	961513	212.47	ug/l	100
31) Cyclohexane	4.218	56	851751	258.32	ug/l	75
33) 1,2-Dichloroethane	4.434	62	952575	198.02	ug/l	99
34) 2-Butanone	3.834	43	571016	223.08	ug/l	76
35) 1,1,1-Trichloroethane	4.178	97	701817	245.89	ug/l	97
36) Carbon Tetrachloride	4.287	117	562587	246.71	ug/l	97
37) Vinyl Acetate	3.381	43	2796467	227.74	ug/l	100
38) Bromodichloromethane	5.124	83	941877	244.08	ug/l	98
39) Methylcyclohexane	4.937	83	503697	281.43	ug/l	72
40) Dibromomethane	5.035	174	494017	206.49	ug/l	94
41) 1,2-Dichloropropane	4.966	63	765473	230.33	ug/l	100
42) Trichloroethene	4.818	130	555871	212.82	ug/l	94
43) Benzene	4.425	78	1902265	197.18	ug/l	100
44) tert-Amyl methyl ether	4.484	73	754447	216.49	ug/l	97
46) Dibromochloromethane	6.079	129	806645	274.82	ug/l	99
47) 2-Chloroethylvinylether	5.291	63	433008	273.81	ug/l	86
48) cis-1,3-Dichloropropene	5.390	75	1139575	296.18	ug/l	93
49) trans-1,3-Dichloropropene	5.715	75	1067631	309.26	ug/l	99
50) 1,1,2-Trichloroethane	5.833	97	575456	221.86	ug/l	93
51) 1,2-Dibromoethane	6.158	107	744623	266.47	ug/l	93
52) 1,3-Dichloropropane	5.931	76	1053061	216.74	ug/l	95
53) 4-Methyl-2-Pentanone	5.468	43	1522506	261.48	ug/l	89
54) 2-Hexanone	5.961	43	1179410	264.06	ug/l	84
55) Tetrachloroethene	5.922	164	424324	222.67	ug/l	98
57) Toluene	5.597	92	1194738	195.04	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.473	133	446448	225.84	ug/l	96
59) Chlorobenzene	6.434	112	1403317	200.27	ug/l	93
61) Bromoform	6.946	173	698147	336.82	ug/l	100
62) Ethylbenzene	6.493	106	360640	151.99	ug/l	81
63) 1,1,2,2-Tetrachloroethane	7.192	83	1016992	237.31	ug/l	86
65) Styrene	6.808	104	1195245	182.91	ug/l	100
66) m&p-Xylenes	6.552	106	1186076	346.50	ug/l	79

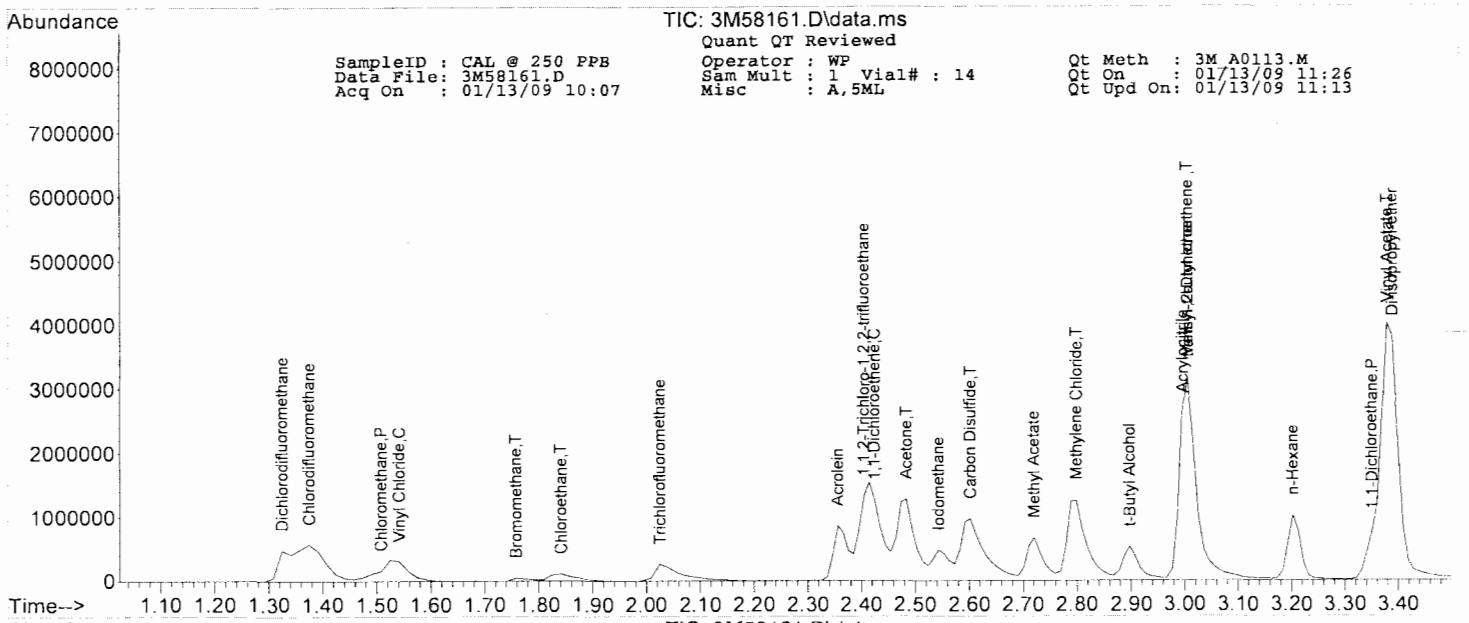
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58161.D Sam Mult : 1 Vial# : 14 Qt On : 01/13/09 11:26
Acq On : 01/13/09 10:07 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.798	106	646020	184.53 ug/l	69
68) trans-1,4-Dichloro-2-b...	7.222	53	392920m	252.59 ug/l	
69) 1,3-Dichlorobenzene	7.803	146	1005455	196.11 ug/l	96
70) 1,4-Dichlorobenzene	7.862	146	1091145	193.62 ug/l	98
71) 1,2-Dichlorobenzene	8.098	146	1102218	205.58 ug/l	97
72) Isopropylbenzene	7.015	105	1881418	237.01 ug/l	97
73) Cyclohexanone	7.094	55	45317	155.27 ug/l	92
74) 1,2,3-Trichloropropane	7.231	75	1011231	226.58 ug/l	88
75) 2-Chlorotoluene	7.340	91	1104774	181.28 ug/l	96
76) p-Ethyltoluene	7.320	105	1390515	214.07 ug/l	91
77) 4-Chlorotoluene	7.399	91	1291755	225.16 ug/l	96
78) n-Propylbenzene	7.261	91	2285977	231.49 ug/l	97
79) Bromobenzene	7.231	77	1390065	188.07 ug/l	78
80) 1,3,5-Trimethylbenzene	7.359	105	1410225	238.70 ug/l	70
81) t-Butylbenzene	7.566	119	1275374	243.22 ug/l	91
82) 1,2,4-Trimethylbenzene	7.596	105	1572693	228.38 ug/l	95
83) sec-Butylbenzene	7.704	105	1589568	255.77 ug/l	95
84) 4-Isopropyltoluene	7.783	119	1221500	242.64 ug/l	97
85) n-Butylbenzene	8.049	91	1468917	250.06 ug/l	97
86) p-Diethylbenzene	8.029	119	706099	260.84 ug/l	93
87) 1,2,4,5-Tetramethylben...	8.531	119	1300815	271.49 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.600	157	249416	295.11 ug/l	97
89) Hexachlorobutadiene	9.231	225	292543	235.45 ug/l	98
90) 1,2,4-Trichlorobenzene	9.142	180	652253	243.47 ug/l	99
91) 1,2,3-Trichlorobenzene	9.467	180	655236	229.76 ug/l	98
92) Naphthalene	9.319	128	2008405	236.90 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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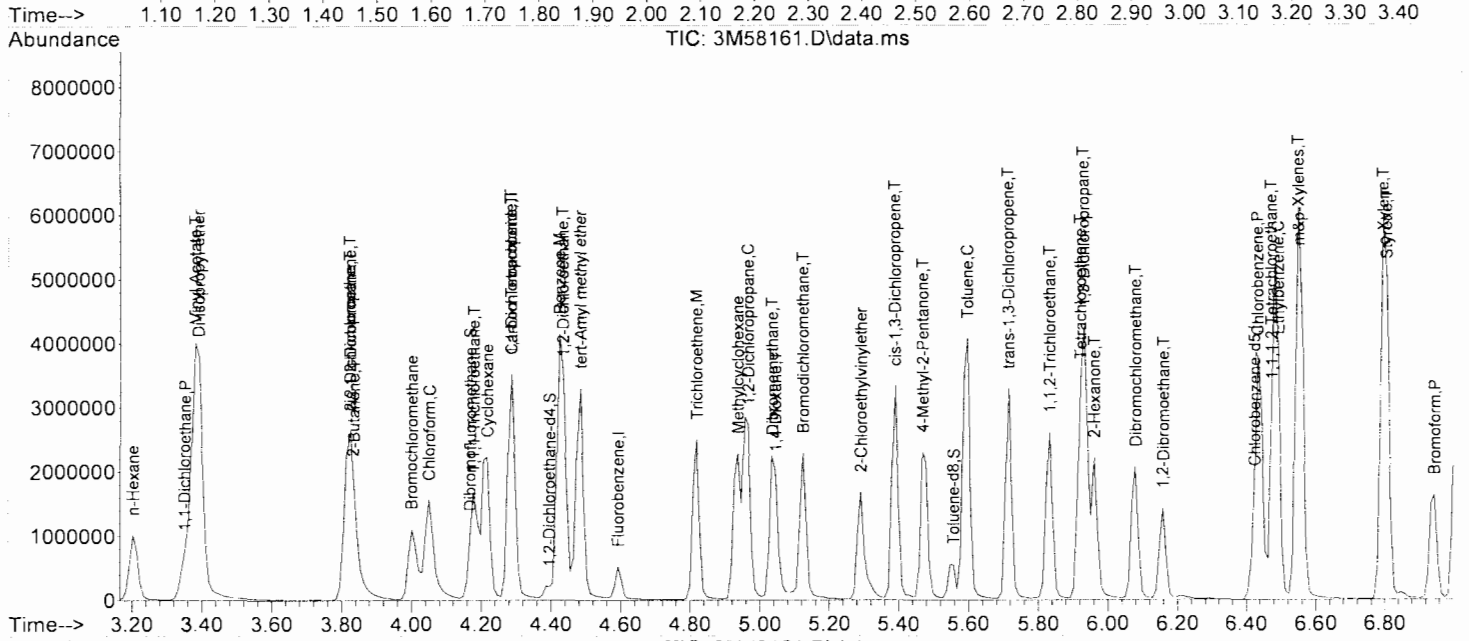
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 3M58161.D
Acq On : 01/13/09 10:07
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:26
Qt Upd On: 01/13/09 11:13
Abundance
Time-->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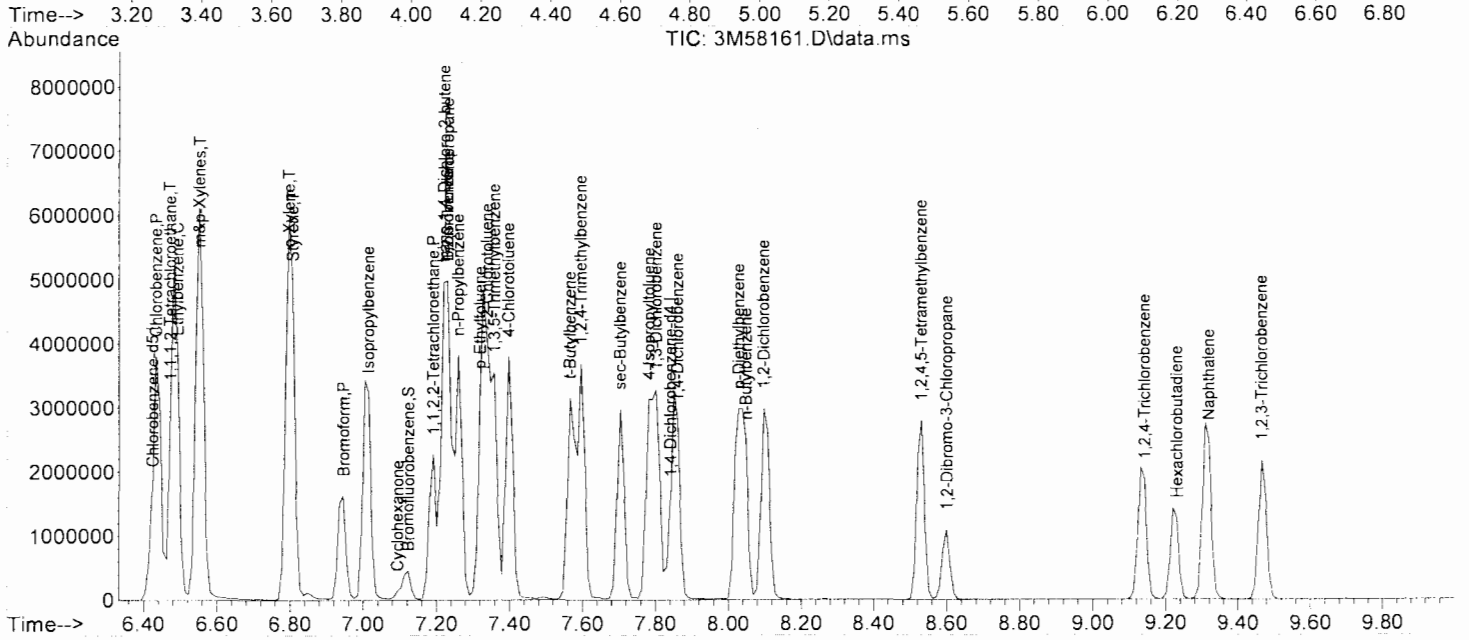
Abundance
Time-->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Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58160.D Sam Mult : 1 Vial# : 13 Qt On : 01/13/09 11:24
Acq On : 01/13/09 09:50 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.591	96	253781	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.423	117	188011	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.841	152	99224	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.167	111	63017	24.20	ug/l	0.00
Spiked Amount 30.000			Recovery = 80.67%			
32) 1,2-Dichloroethane-d4	4.394	102	15632	28.02	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.40%			
56) Toluene-d8	5.556	100	171808	33.17	ug/l	0.00
Spiked Amount 30.000			Recovery = 110.57%			
64) Bromofluorobenzene	7.122	174	106534	34.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 116.47%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.375	51	2916593	554.93	ug/l	45
3) Dichlorodifluoromethane	1.325	85	1315965	438.20	ug/l	93
4) Chloromethane	1.509	50	976899	496.30	ug/l	86
5) Bromomethane	1.759	94	58848	78.83	ug/l	98
6) Vinyl Chloride	1.526	62	883382	486.72	ug/l	93
7) Chloroethane	1.826	64	100573	138.10	ug/l	98
8) Trichlorofluoromethane	2.009	101	779772	512.01	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.404	101	632237	394.88	ug/l	94
10) Methylene Chloride	2.789	84	1068339	429.27	ug/l	91
11) Acrolein	2.355	56	1492905	6422.47	ug/l	98
12) Acrylonitrile	2.995	53	569383	401.33	ug/l	92
13) Iodomethane	2.542	142	1343935	433.12	ug/l	86
14) Acetone	2.483	43	3339864	2172.05	ug/l	91
15) Carbon Disulfide	2.592	76	3327087	594.92	ug/l	100
16) t-Butyl Alcohol	2.907	59	441755	2461.63	ug/l	98
17) n-Hexane	3.202	57	654854	550.70	ug/l	83
18) Di-isopropyl-ether	3.389	45	4755129	395.48	ug/l	72
19) 1,1-Dichloroethene	2.414	61	1911378	405.56	ug/l	80
20) Methyl Acetate	2.720	43	2036441	447.58	ug/l	100
21) Methyl-t-butyl ether	3.005	73	1497155	395.59	ug/l	82
22) 1,1-Dichloroethane	3.350	63	2052316	411.47	ug/l	95
23) trans-1,2-Dichloroethene	3.005	96	755551	375.21	ug/l	80
24) cis-1,2-Dichloroethene	3.823	61	1948844	384.31	ug/l	76
25) Bromochloromethane	4.000	49	1675623	424.52	ug/l	91
26) 2,2-Dichloropropane	3.813	77	1002902	509.44	ug/l	91
27) 1,4-Dioxane	5.044	88	694784	17162.71	ug/l	49
28) 1,1-Dichloropropene	4.286	75	1155672	348.75	ug/l	95
29) Chloroform	4.049	83	1875531	403.09	ug/l	96
31) Cyclohexane	4.217	56	1582299	466.73	ug/l	75
33) 1,2-Dichloroethane	4.443	62	1731456	350.07	ug/l	100
34) 2-Butanone	3.833	43	1085276	412.36	ug/l	73
35) 1,1,1-Trichloroethane	4.177	97	1347351	459.11	ug/l	98
36) Carbon Tetrachloride	4.295	117	967284	412.54	ug/l	92
37) Vinyl Acetate	3.379	43	4860219	384.96	ug/l	100
38) Bromodichloromethane	5.123	83	1744992	439.80	ug/l	98
39) Methylcyclohexane	4.936	83	915324	497.40	ug/l	70
40) Dibromomethane	5.034	174	832544	338.45	ug/l	94
41) 1,2-Dichloropropane	4.965	63	1340646	392.35	ug/l	98
42) Trichloroethene	4.817	130	960318	357.59	ug/l	91
43) Benzene	4.423	78	3114491	313.98	ug/l	100
44) tert-Amyl methyl ether	4.483	73	1343842	375.05	ug/l	95
46) Dibromochloromethane	6.078	129	1459413	519.15	ug/l	95
47) 2-Chloroethylvinylether	5.290	63	804160	530.92	ug/l	85
48) cis-1,3-Dichloropropene	5.389	75	2074373	562.92	ug/l	92
49) trans-1,3-Dichloropropene	5.714	75	2006048	606.72	ug/l	97
50) 1,1,2-Trichloroethane	5.832	97	1012774	407.68	ug/l	89
51) 1,2-Dibromoethane	6.157	107	1344061	502.20	ug/l	92
52) 1,3-Dichloropropane	5.940	76	1772194	380.84	ug/l	96
53) 4-Methyl-2-Pentanone	5.477	43	2885624	517.45	ug/l	90
54) 2-Hexanone	5.960	43	2229933	521.28	ug/l	84
55) Tetrachloroethene	5.920	164	683326	374.41	ug/l	92
57) Toluene	5.595	92	1954608	333.15	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.472	133	685499	362.06	ug/l	94
59) Chlorobenzene	6.442	112	2296011	342.12	ug/l	97
61) Bromoform	6.945	173	1281020	655.24	ug/l	99
62) Ethylbenzene	6.492	106	555776	248.32	ug/l	75
63) 1,1,2,2-Tetrachloroethane	7.191	83	1782711	441.02	ug/l	87
65) Styrene	6.807	104	1684858	273.36	ug/l	81
66) m&p-Xylenes	6.551	106	1693195	524.42	ug/l	76

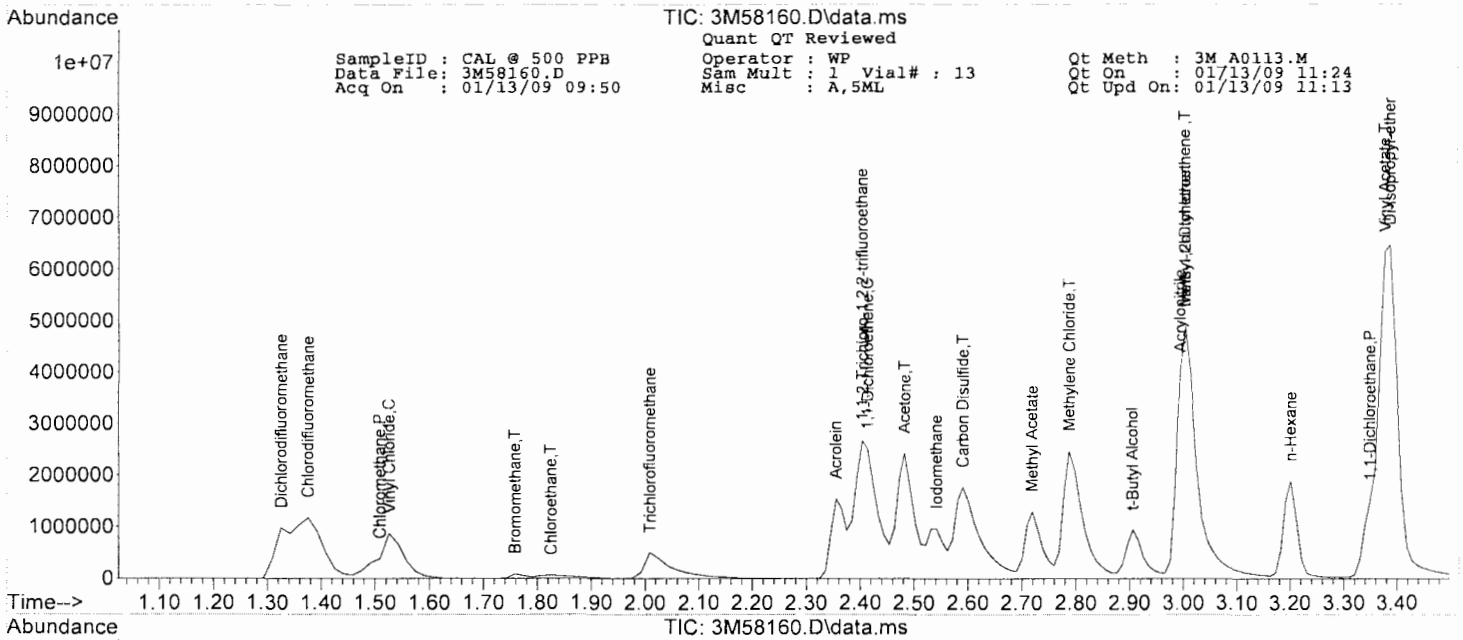
Quantitation Report (QT Reviewed)

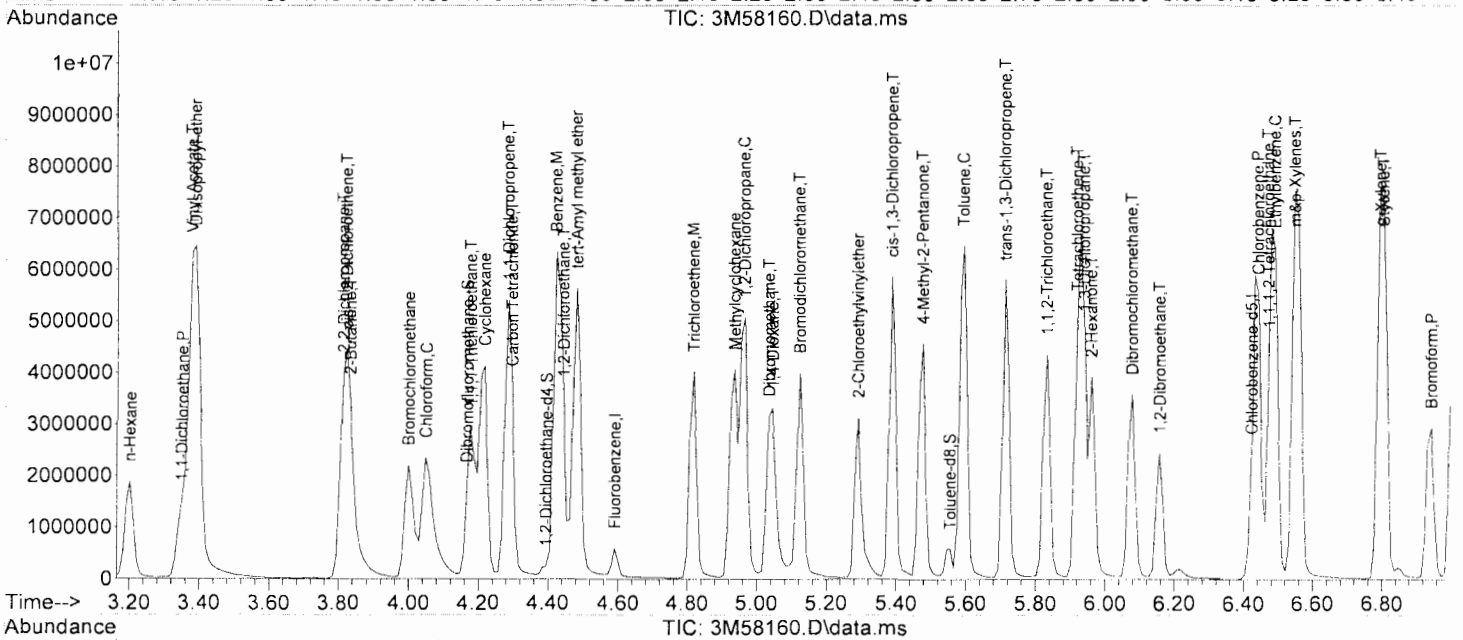
SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58160.D Sam Mult : 1 Vial# : 13 Qt On : 01/13/09 11:24
Acq On : 01/13/09 09:50 Misc : A,5ML Qt Upd On: 01/13/09 11:13

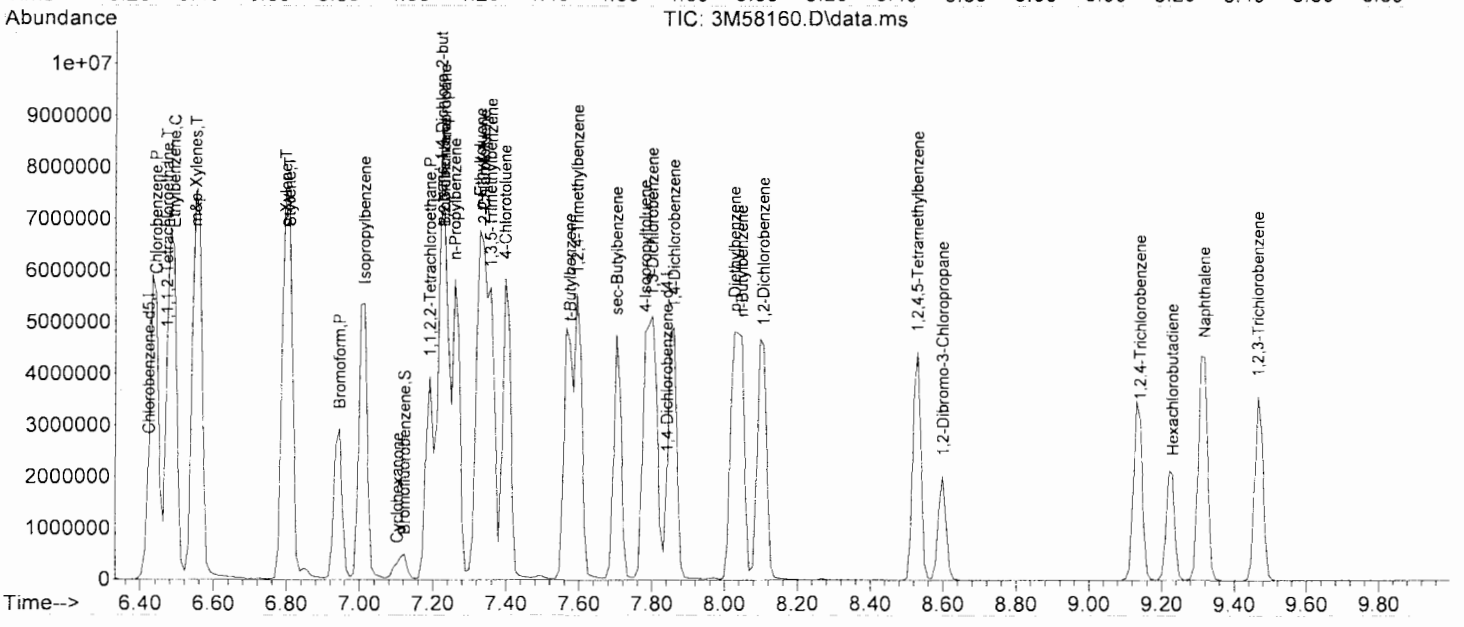
Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.797	106	927760	280.95 ug/l	70
68) trans-1,4-Dichloro-2-b...	7.220	53	622464m	424.24 ug/l	
69) 1,3-Dichlorobenzene	7.802	146	1604956	331.88 ug/l	95
70) 1,4-Dichlorobenzene	7.861	146	1796347	337.94 ug/l	97
71) 1,2-Dichlorobenzene	8.107	146	1843392	364.51 ug/l	96
72) Isopropylbenzene	7.014	105	3039341	405.93 ug/l	97
73) Cyclohexanone	7.102	55	89884	326.51 ug/l	95
74) 1,2,3-Trichloropropane	7.230	75	1516115	360.15 ug/l	88
75) 2-Chlorotoluene	7.339	91	1616307	281.19 ug/l	95
76) p-Ethyltoluene	7.329	105	2070134	337.88 ug/l	93
77) 4-Chlorotoluene	7.398	91	1981337	366.15 ug/l	94
78) n-Propylbenzene	7.260	91	3861080	414.53 ug/l	97
79) Bromobenzene	7.230	77	2118015	303.81 ug/l	74
80) 1,3,5-Trimethylbenzene	7.358	105	2287775	410.54 ug/l	75
81) t-Butylbenzene	7.575	119	2073877	419.31 ug/l	87
82) 1,2,4-Trimethylbenzene	7.595	105	2570458	395.74 ug/l	95
83) sec-Butylbenzene	7.703	105	2692061	459.25 ug/l	95
84) 4-Isopropyltoluene	7.782	119	1929237	406.29 ug/l	95
85) n-Butylbenzene	8.048	91	2505710	452.24 ug/l	96
86) p-Diethylbenzene	8.028	119	1190674	466.33 ug/l	94
87) 1,2,4,5-Tetramethylben...	8.530	119	2190079	484.60 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.599	157	479203	601.13 ug/l	96
89) Hexachlorobutadiene	9.230	225	467143	398.61 ug/l	99
90) 1,2,4-Trichlorobenzene	9.141	180	1108922	438.85 ug/l	99
91) 1,2,3-Trichlorobenzene	9.466	180	1110300	412.77 ug/l	98
92) Naphthalene	9.318	128	3373835	421.91 ug/l	100

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


Abundance
TIC: 3M58160.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 3M58160.D
Acq On : 01/13/09 09:50
Operator : WP
Sam Mult : 1 Vial# : 13
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:24
Qt Upd On: 01/13/09 11:13
Dichlorodifluoromethane
Chlorodifluoromethane
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichloro-1,2,2-trifluoroethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M58160.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
Carbon Tetrachloride,T
1,2-Dichloroethane-d4,S
Benzene,M
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
1,2-Dichloropropane,C
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene,C
Toluene-d8,S
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 3M58160.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
2-Chlorotoluene
4-Chlorotoluene
1,3,5-Trimethylbenzene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB
Data File: 3M58157.D
Acq On : 01/13/09 08:54

Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML

Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:18
Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.591	96	277138	30.00	ug/l		0.00
45) Chlorobenzene-d5	6.413	117	197334	30.00	ug/l		-0.01
60) 1,4-Dichlorobenzene-d4	7.832	152	104270	30.00	ug/l		-0.01
System Monitoring Compounds							
30) Dibromofluoromethane	4.158	111	92682	32.59	ug/l		0.00
Spiked Amount 30.000			Recovery =	108.63%			
32) 1,2-Dichloroethane-d4	4.385	102	18034	29.61	ug/l		-0.01
Spiked Amount 30.000			Recovery =	98.70%			
56) Toluene-d8	5.547	100	167637	30.83	ug/l		-0.01
Spiked Amount 30.000			Recovery =	102.77%			
64) Bromofluorobenzene	7.113	174	94808	29.59	ug/l		-0.01
Spiked Amount 30.000			Recovery =	98.63%			
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.348	51	6087	1.06	ug/l	#	31
3) Dichlorodifluoromethane	1.315	85	2561	0.78	ug/l		100
4) Chloromethane	1.481	50	2086	0.97	ug/l	#	35
5) Bromomethane	1.765	94	364m	0.45	ug/l		
6) Vinyl Chloride	1.531	62	1528	0.77	ug/l		95
7) Chloroethane	1.848	64	1193	1.50	ug/l		44
8) Trichlorofluoromethane	2.031	101	1744	1.05	ug/l		89
9) 1,1,2-Trichloro-1,2,2-...	2.395	101	1735	0.99	ug/l	#	75
10) Methylene Chloride	2.789	84	3023	1.11	ug/l		85
11) Acrolein	2.356	56	3041	11.98	ug/l		77
12) Acrylonitrile	2.996	53	1010	0.65	ug/l		81
13) Iodomethane	2.543	142	2374	0.70	ug/l		97
14) Acetone	2.474	43	7413	4.41	ug/l		95
15) Carbon Disulfide	2.592	76	9547	1.56	ug/l		100
16) t-Butyl Alcohol	0.000		0	N.D.			
17) n-Hexane	3.203	57	1326	1.02	ug/l		78
18) Di-isopropyl-ether	3.380	45	10098	0.77	ug/l		79
19) 1,1-Dichloroethene	2.415	61	4963	0.96	ug/l		88
20) Methyl Acetate	2.710	43	3993	0.80	ug/l		100
21) Methyl-t-butyl ether	2.996	73	3578	0.87	ug/l		75
22) 1,1-Dichloroethane	3.341	63	5345	0.98	ug/l		96
23) trans-1,2-Dichloroethene	2.996	96	2365	1.08	ug/l		89
24) cis-1,2-Dichloroethene	3.813	61	5071	0.92	ug/l		87
25) Bromochloromethane	3.991	49	4318	1.00	ug/l		90
26) 2,2-Dichloropropane	3.803	77	2126	0.99	ug/l		89
27) 1,4-Dioxane	5.035	88	1306	29.54	ug/l	#	4
28) 1,1-Dichloropropene	4.276	75	3718	1.03	ug/l		84
29) Chloroform	4.040	83	4819	0.95	ug/l		99
31) Cyclohexane	4.207	56	2497	0.67	ug/l		80
33) 1,2-Dichloroethane	4.434	62	5415	1.00	ug/l		90
34) 2-Butanone	3.823	43	2068	0.72	ug/l		49
35) 1,1,1-Trichloroethane	4.168	97	3062	0.96	ug/l		98
36) Carbon Tetrachloride	4.276	117	2905	1.13	ug/l		95
37) Vinyl Acetate	3.370	43	11375	0.83	ug/l		100
38) Bromodichloromethane	5.113	83	4199	0.97	ug/l		68
39) Methylcyclohexane	4.926	83	1864	0.93	ug/l	#	90
40) Dibromomethane	5.035	174	2902	1.08	ug/l		88
41) 1,2-Dichloropropane	4.956	63	3597	0.96	ug/l		90
42) Trichloroethene	4.808	130	3015	1.03	ug/l	#	75
43) Benzene	4.414	78	10521	0.97	ug/l		100
44) tert-Amyl methyl ether	4.473	73	3476m	0.89	ug/l		
46) Dibromochloromethane	6.069	129	2687	0.91	ug/l		100
47) 2-Chloroethylvinylether	5.281	63	1159	0.73	ug/l		91
48) cis-1,3-Dichloropropene	5.379	75	2996	0.77	ug/l		100
49) trans-1,3-Dichloropropene	5.704	75	2416	0.70	ug/l		94
50) 1,1,2-Trichloroethane	5.822	97	2572	0.99	ug/l		90
51) 1,2-Dibromoethane	6.147	107	2906	1.03	ug/l		99
52) 1,3-Dichloropropane	5.921	76	4675	0.96	ug/l		87
53) 4-Methyl-2-Pentanone	5.468	43	3480	0.59	ug/l		87
54) 2-Hexanone	5.950	43	2382	0.53	ug/l		83
55) Tetrachloroethene	5.911	164	2108	1.10	ug/l		89
57) Toluene	5.586	92	6315	1.03	ug/l		99
58) 1,1,1,2-Tetrachloroethane	6.472	133	2184	1.10	ug/l		98
59) Chlorobenzene	6.433	112	7098	1.01	ug/l		95
61) Bromoform	6.935	173	1990	0.97	ug/l		80
62) Ethylbenzene	6.482	106	2072	0.88	ug/l		81
63) 1,1,2,2-Tetrachloroethane	7.182	83	4028	0.95	ug/l		92
65) Styrene	6.797	104	4484	0.69	ug/l		99
66) m&p-Xylenes	6.541	106	6394	1.88	ug/l		97

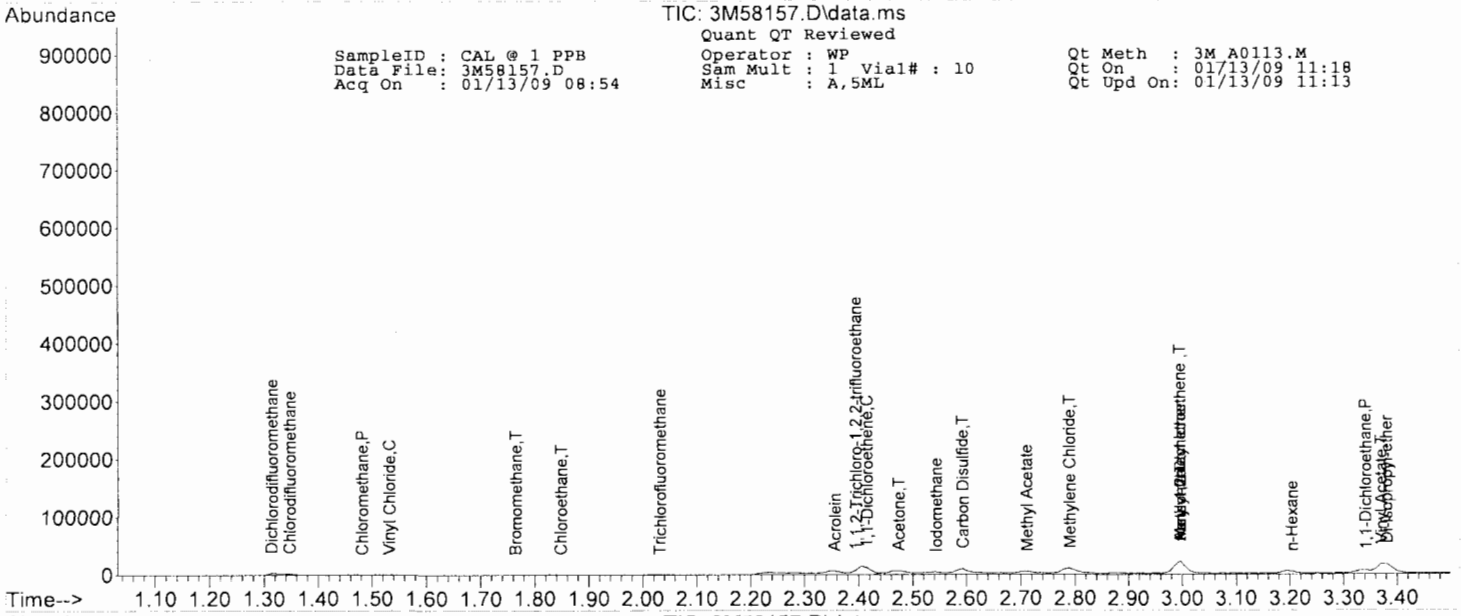
Quantitation Report (QT Reviewed)

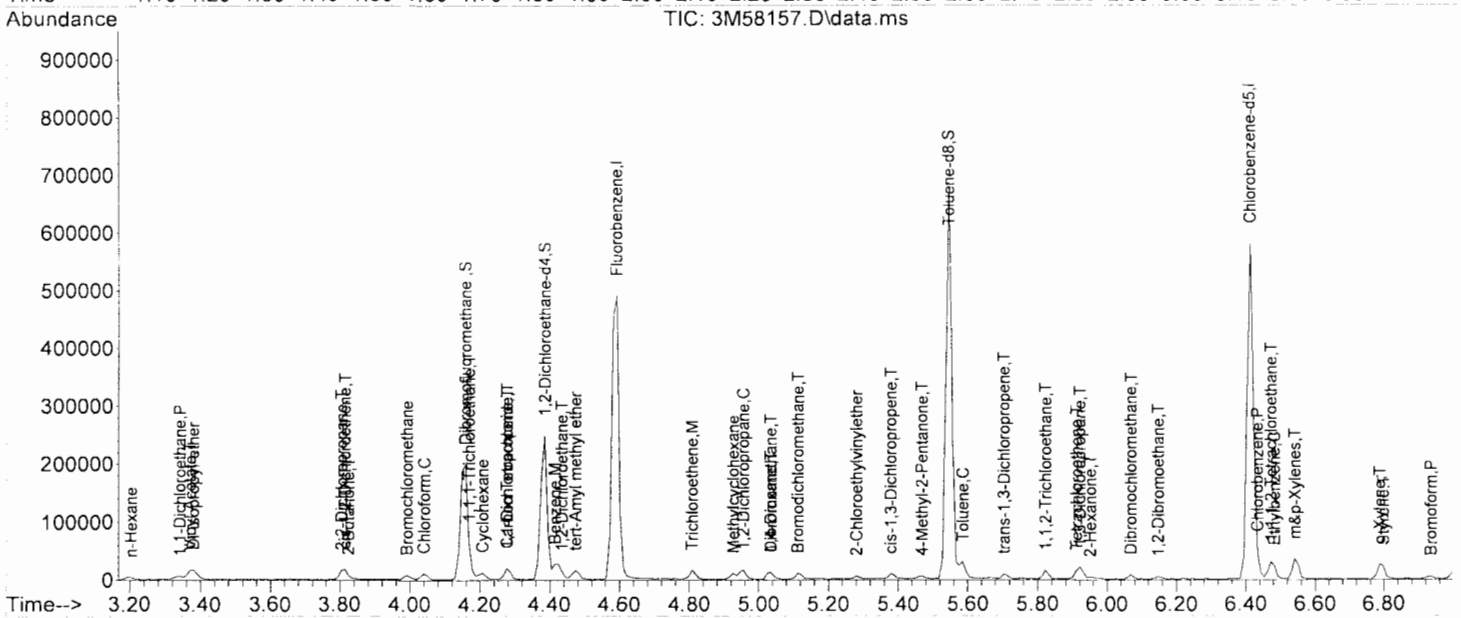
SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58157.D Sam Mult : 1 Vial# : 10 Qt On : 01/13/09 11:18
Acq On : 01/13/09 08:54 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.788	106	2680	0.77 ug/l	77
68) trans-1,4-Dichloro-2-b...	7.211	53	1373	0.89 ug/l #	66
69) 1,3-Dichlorobenzene	7.792	146	5157m	1.01 ug/l	
70) 1,4-Dichlorobenzene	7.851	146	5723m	1.02 ug/l	
71) 1,2-Dichlorobenzene	8.097	146	4528	0.85 ug/l	96
72) Isopropylbenzene	7.004	105	5938	0.75 ug/l	95
73) Cyclohexanone	0.000		0	N.D.	
74) 1,2,3-Trichloropropane	7.221	75	4257	0.96 ug/l #	81
75) 2-Chlorotoluene	7.329	91	5138	0.85 ug/l	96
76) p-Ethyltoluene	7.319	105	4960	0.77 ug/l	100
77) 4-Chlorotoluene	7.388	91	5044m	0.89 ug/l	
78) n-Propylbenzene	7.250	91	8198	0.84 ug/l	92
79) Bromobenzene	7.221	77	6778	0.93 ug/l	82
80) 1,3,5-Trimethylbenzene	7.349	105	4808m	0.82 ug/l	
81) t-Butylbenzene	7.556	119	3523	0.68 ug/l #	80
82) 1,2,4-Trimethylbenzene	7.585	105	4921	0.72 ug/l #	73
83) sec-Butylbenzene	7.694	105	4718	0.77 ug/l #	54
84) 4-Isopropyltoluene	7.772	119	3424	0.69 ug/l #	48
85) n-Butylbenzene	8.038	91	4007	0.69 ug/l	97
86) p-Diethylbenzene	8.019	119	1676	0.62 ug/l	90
87) 1,2,4,5-Tetramethylben...	8.521	119	2737	0.58 ug/l	91
88) 1,2-Dibromo-3-Chloropr...	8.600	157	441m	0.53 ug/l	
89) Hexachlorobutadiene	9.220	225	1985	1.61 ug/l	94
90) 1,2,4-Trichlorobenzene	9.132	180	2010	0.76 ug/l #	75
91) 1,2,3-Trichlorobenzene	9.466	180	1682	0.60 ug/l #	75
92) Naphthalene	9.309	128	4026	0.48 ug/l	100

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


TIC: 3M58157.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 3M58157.D
Acq On : 01/13/09 08:54
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:18
Qt Upd On: 01/13/09 11:13
Abundance
Time-->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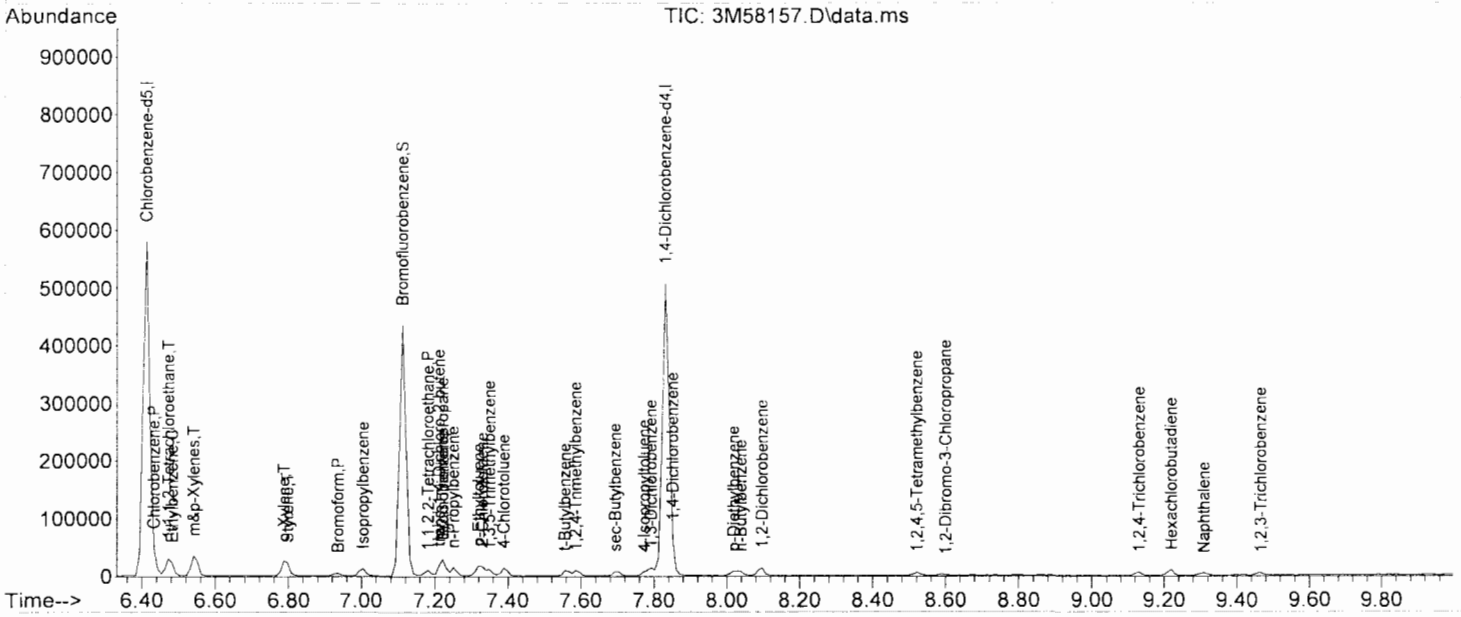
Abundance
Time-->


TIC: 3M58157.D\data.ms
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58158.D Sam Mult : 1 Vial# : 11 Qt On : 01/13/09 11:38
Acq On : 01/13/09 09:14 Misc : A,5ML Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	4.592	96	238014	30.00 ug/l	0.00
45) Chlorobenzene-d5	6.414	117	182203	30.00 ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.832	152	100182	30.00 ug/l	-0.01
System Monitoring Compounds					
30) Dibromofluoromethane	0.000	111	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
32) 1,2-Dichloroethane-d4	0.000	102	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
56) Toluene-d8	0.000	100	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
64) Bromofluorobenzene	0.000	174	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
Target Compounds					Qvalue
2) Chlorodifluoromethane	0.000		0	N.D. d	
3) Dichlorodifluoromethane	0.000		0	N.D. d	
4) Chloromethane	0.000		0	N.D. d	
5) Bromomethane	0.000		0	N.D.	
6) Vinyl Chloride	0.000		0	N.D.	
7) Chloroethane	0.000		0	N.D.	
8) Trichlorofluoromethane	0.000		0	N.D.	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D.	
10) Methylene Chloride	0.000		0	N.D. d	
11) Acrolein	0.000		0	N.D. d	
12) Acrylonitrile	0.000		0	N.D.	
13) Iodomethane	0.000		0	N.D.	
14) Acetone	0.000		0	N.D. d	
15) Carbon Disulfide	0.000		0	N.D. d	
16) t-Butyl Alcohol	0.000		0	N.D.	
17) n-Hexane	0.000		0	N.D.	
18) Di-isopropyl-ether	0.000		0	N.D. d	
19) 1,1-Dichloroethene	0.000		0	N.D. d	
20) Methyl Acetate	0.000		0	N.D. d	
21) Methyl-t-butyl ether	2.997	73	1873m	0.53 ug/l	
22) 1,1-Dichloroethane	0.000		0	N.D. d	
23) trans-1,2-Dichloroethene	0.000		0	N.D. d	
24) cis-1,2-Dichloroethene	0.000		0	N.D. d	
25) Bromochloromethane	0.000		0	N.D. d	
26) 2,2-Dichloropropane	0.000		0	N.D. d	
27) 1,4-Dioxane	0.000		0	N.D.	
28) 1,1-Dichloropropene	0.000		0	N.D. d	
29) Chloroform	0.000		0	N.D. d	
31) Cyclohexane	0.000		0	N.D. d	
33) 1,2-Dichloroethane	4.434	62	2458	0.53 ug/l	95
34) 2-Butanone	0.000		0	N.D.	
35) 1,1,1-Trichloroethane	0.000		0	N.D. d	
36) Carbon Tetrachloride	0.000		0	N.D. d	
37) Vinyl Acetate	0.000		0	N.D. d	
38) Bromodichloromethane	0.000		0	N.D. d	
39) Methylcyclohexane	0.000		0	N.D. d	
40) Dibromomethane	0.000		0	N.D. d	
41) 1,2-Dichloropropane	0.000		0	N.D. d	
42) Trichloroethene	0.000		0	N.D. d	
43) Benzene	4.425	78	5318	0.57 ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D. d	
46) Dibromochloromethane	0.000		0	N.D. d	
47) 2-Chloroethylvinylether	0.000		0	N.D.	
48) cis-1,3-Dichloropropene	0.000		0	N.D. d	
49) trans-1,3-Dichloropropene	0.000		0	N.D. d	
50) 1,1,2-Trichloroethane	0.000		0	N.D. d	
51) 1,2-Dibromoethane	0.000		0	N.D. d	
52) 1,3-Dichloropropane	0.000		0	N.D. d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D. d	
54) 2-Hexanone	0.000		0	N.D. d	
55) Tetrachloroethene	0.000		0	N.D.	
57) Toluene	0.000		0	N.D. d	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D. d	
59) Chlorobenzene	0.000		0	N.D. d	
61) Bromoform	0.000		0	N.D.	
62) Ethylbenzene	0.000		0	N.D. d	
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
65) Styrene	0.000		0	N.D. d	
66) m&p-Xylenes	0.000		0	N.D. d	

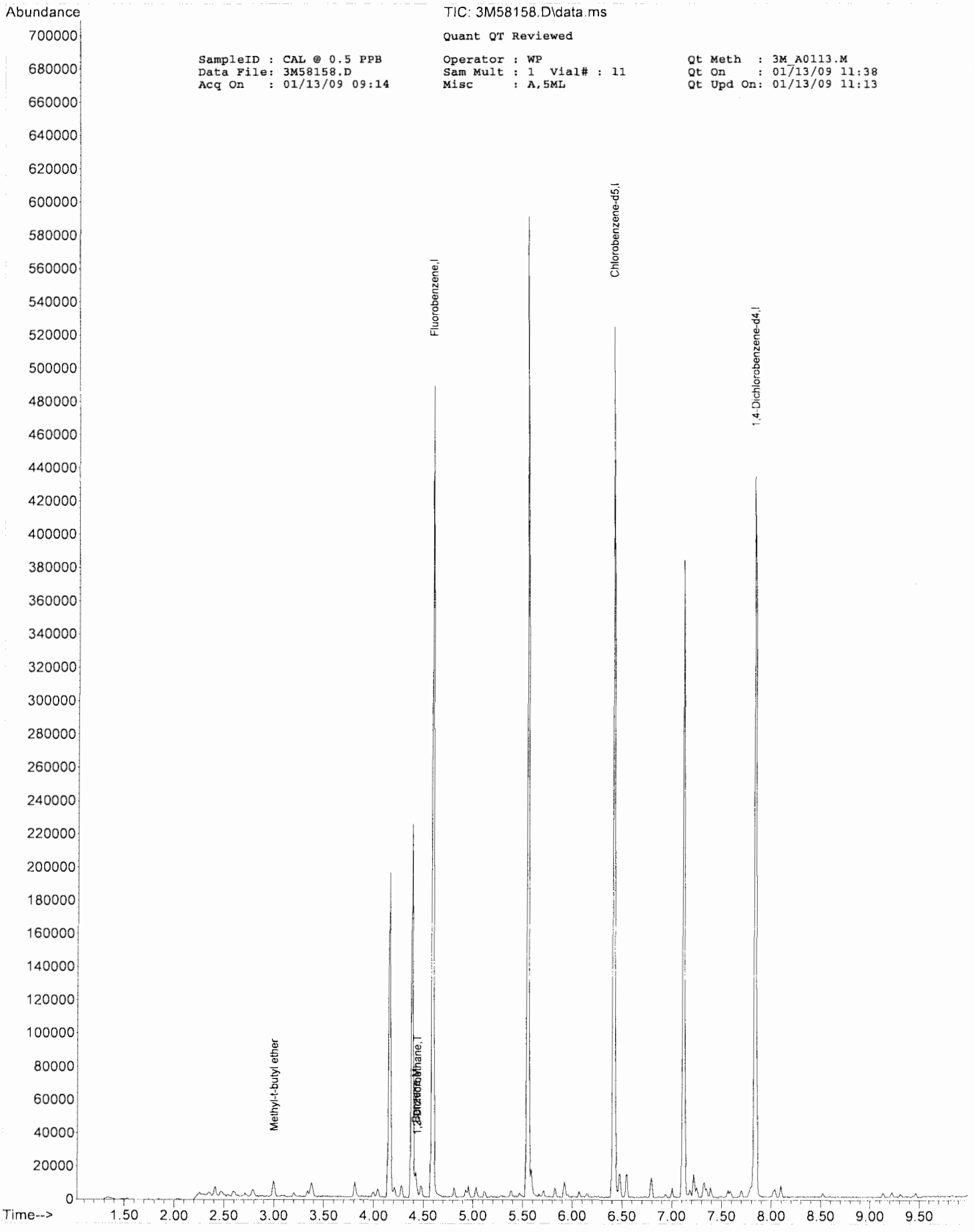
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB
Data File: 3M58158.D
Acq On : 01/13/09 09:14
Operator : WP
Sam Mult : 1 Vial# : 11
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:38
Qt Upd On: 01/13/09 11:13

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	0.000		0	N.D.	d	
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
69) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
70) 1,4-Dichlorobenzene	0.000		0	N.D.	d	
71) 1,2-Dichlorobenzene	0.000		0	N.D.	d	
72) Isopropylbenzene	0.000		0	N.D.	d	
73) Cyclohexanone	0.000		0	N.D.		
74) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
75) 2-Chlorotoluene	0.000		0	N.D.	d	
76) p-Ethyltoluene	0.000		0	N.D.	d	
77) 4-Chlorotoluene	0.000		0	N.D.	d	
78) n-Propylbenzene	0.000		0	N.D.	d	
79) Bromobenzene	0.000		0	N.D.	d	
80) 1,3,5-Trimethylbenzene	0.000		0	N.D.	d	
81) t-Butylbenzene	0.000		0	N.D.	d	
82) 1,2,4-Trimethylbenzene	0.000		0	N.D.	d	
83) sec-Butylbenzene	0.000		0	N.D.	d	
84) 4-Isopropyltoluene	0.000		0	N.D.	d	
85) n-Butylbenzene	0.000		0	N.D.	d	
86) p-Diethylbenzene	0.000		0	N.D.	d	
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D.	d	
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.		
89) Hexachlorobutadiene	0.000		0	N.D.		
90) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
91) 1,2,3-Trichlorobenzene	0.000		0	N.D.		
92) Naphthalene	0.000		0	N.D.	d	

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


Abundance
TIC: 3M58158.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 3M58158.D
Acq On : 01/13/09 09:14
Operator : WP
Sam Mult : 1 Vial# : 11
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/13/09 11:38
Qt Upd On: 01/13/09 11:13
Fluorobenzene,I
Chlorobenzene-d5,I
1,4-Dichlorobenzene-d4,I
Methyl-t-butyl ether
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M58413.D **Instrument:** GCMS 3

Cont Calibration Date/Time 1/21/2009 6:53:00 A **Method:** EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.59	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		0.00	0.00	20			0.657	0.000	100.00	
Dichlorodifluoromethane	1	0		1.31	10.17	20			0.285	0.145	49.15	
Chloromethane	1	0		1.46	18.42	20	1	40.8	0.194	0.179	7.90	
Bromomethane	1	0		1.78	21.30	20	2.8	37.2	0.046	0.057	6.50	
Vinyl Chloride	1	0		1.53	16.86	20	1	39.2	0.175	0.147	15.70	
Chloroethane	1	0		1.85	19.48	20	7.6	32.4	0.096	0.083	2.60	
Trichlorofluoromethane	1	0		2.03	19.27	20	9.6	30.4	0.188	0.181	3.65	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.41	17.11	20			0.180	0.154	14.45	
Methylene Chloride	1	0		2.79	17.68	20	12.1	27.9	0.279	0.247	11.60	
Acrolein	1	0		2.36	65.52	100			0.075	0.049	34.48	
Acrylonitrile	1	0		3.00	17.69	20			0.151	0.133	11.55	
Iodomethane	1	0		2.54	22.74	20			0.335	0.371	13.70	
Acetone	1	0		2.47	69.96	100			0.168	0.117	30.04	
Carbon Disulfide	1	0		2.59	16.02	20			0.858	0.687	19.90	
t-Butyl Alcohol	1	0		2.89	61.42	100			0.020	0.013	38.58	
n-Hexane	1	0		3.20	16.07	20			0.149	0.126	19.65	
Di-isopropyl-ether	1	0		3.38	17.59	20			1.318	1.159	12.05	
1.1-Dichloroethene	1	0		2.42	16.15	20	10.1	29.9	0.494	0.399	19.25	
Methyl Acetate	1	0		2.71	13.69	20			0.467	0.319	31.55	
Methyl-t-butyl ether	1	0		3.00	17.27	20			0.425	0.367	13.65	
1.1-Dichloroethane	1	0		3.35	17.97	20	14.5	25.5	0.549	0.493	10.15	
trans-1.2-Dichloroethene	1	0		3.01	18.49	20	13.9	26.1	0.223	0.206	7.55	
cis-1.2-Dichloroethene	1	0		3.81	18.30	20			0.539	0.493	8.50	
Bromochloromethane	1	0		3.99	15.60	20			0.424	0.330	22.00	
2.2-Dichloropropane	1	0		3.81	20.38	20			0.224	0.228	1.90	
1.4-Dioxane	1	0		5.04	830.19	1000			0.004	0.003	16.98	
1.1-Dichloropropene	1	0		4.29	19.14	20			0.394	0.377	4.30	
Chloroform	1	0		4.05	18.00	20	13.5	26.5	0.502	0.452	10.00	
Dibromofluoromethane	1	0	S	4.16	30.43	30			0.298	0.303	1.43	
Cyclohexane	1	0		4.21	17.63	20			0.384	0.339	11.85	
1.2-Dichloroethane-d4	1	0	S	4.39	30.07	30			0.064	0.064	0.23	
1.2-Dichloroethane	1	0		4.43	17.43	20	13.6	26.4	0.536	0.467	12.85	
2-Butanone	1	0		3.83	15.67	20			0.283	0.222	21.65	
1.1.1-Trichloroethane	1	0		4.18	18.92	20	15	25	0.330	0.313	5.40	
Carbon Tetrachloride	1	0		4.29	20.12	20	14.6	25.4	0.287	0.288	0.60	
Vinyl Acetate	1	0		3.38	18.50	20			1.335	1.235	7.50	
Bromodichloromethane	1	0		5.12	19.57	20	13.1	26.9	0.463	0.453	2.15	
Methylcyclohexane	1	0		4.94	19.59	20			0.231	0.219	2.05	
Dibromomethane	1	0		5.04	21.64	20			0.298	0.270	8.20	
1.2-Dichloropropane	1	0		4.96	18.34	20	6.8	33.2	0.386	0.354	8.30	
Trichloroethene	1	0		4.82	18.22	20	13.3	26.7	0.299	0.272	8.90	
Benzene	1	0		4.42	17.87	20	12.8	27.2	1.129	1.008	10.65	
tert-Amyl methyl ether	1	0		4.48	17.22				0.383			
Chlorobenzene-d5	1	0	I	6.41	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.08	18.70	20	13.5	26.5	0.469	0.438	6.50	
2-Chloroethylvinylether	1	0		5.29	17.85	20	1	44.8	0.228	0.231	10.75	
cis-1.3-Dichloropropene	1	0		5.39	17.56	20	4.8	35.2	0.609	0.589	12.20	
trans-1.3-Dichloropropene	1	0		5.71	15.82	20	10	30	0.548	0.509	20.90	
1.1.2-Trichloroethane	1	0		5.83	17.74	20	14.2	25.8	0.376	0.333	11.30	
1.2-Dibromoethane	1	0		6.16	17.68	20			0.453	0.401	11.60	
1.3-Dichloropropane	1	0		5.93	18.86	20			0.710	0.669	5.70	
4-Methyl-2-Pentanone	1	0		5.47	12.47	20			0.813	0.575	37.65	
2-Hexanone	1	0		5.96	11.36	20			0.622	0.405	43.20	
Tetrachloroethene	1	0		5.92	19.61	20	14.7	25.3	0.290	0.285	1.95	
Toluene-d8	1	0	S	5.55	29.48	30			0.836	0.822	1.73	
Toluene	1	0		5.59	19.60	20	14.9	25.1	0.824	0.807	2.00	
1.1.1.2-Tetrachloroethane	1	0		6.47	19.98	20			0.311	0.311	0.10	
Chlorobenzene	1	0		6.43	18.89	20	13.2	26.8	0.957	0.904	5.55	
1.4-Dichlorobenzene-d4	1	0	I	7.84	30.00	30				0.000	0.00	
Bromoform	1	0		6.94	18.19	20	14.2	25.8	0.688	0.626	9.05	
Ethylbenzene	1	0		6.48	22.63	20	11.8	28.2	0.572	0.647	13.15	
1.1.2.2-Tetrachloroethane	1	0		7.18	17.00	20	12.1	27.9	1.167	0.992	15.00	
Bromofluorobenzene	1	0	S	7.12	30.61	30			0.919	0.938	2.03	
Styrene	1	0		6.80	23.81	20			1.616	1.923	19.05	
m&p-Xylenes	1	0		6.55	41.97	40			0.884	0.927	4.93	
o-Xylene	1	0		6.80	21.18	20			0.889	0.942	5.90	
trans-1.4-Dichloro-2-butene	1	0		7.22	18.46	20			0.464	0.428	7.70	
1.3-Dichlorobenzene	1	0		7.80	18.05	20	14.6	25.4	1.282	1.157	9.75	
1.4-Dichlorobenzene	1	0		7.85	17.63	20	12.6	27.4	1.371	1.209	11.85	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M58413.D **Instrument:** GCMS 3

Cont Calibration Date/Time 1/21/2009 6:53:00 A Method: EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.10	17.65	20	12.6	27.4	1.298	1.146	11.75	
Isopropylbenzene	1	0		7.01	21.34	20			2.043	2.044	6.70	
Cyclohexanone	1	0		7.09	4.19				0.102			
1,2,3-Trichloropropane	1	0		7.22	18.11	20			1.225	1.109	9.45	
2-Chlorotoluene	1	0		7.33	19.58	20			1.503	1.471	2.10	
p-Ethyltoluene	1	0		7.32	19.84				1.753			
4-Chlorotoluene	1	0		7.40	18.95	20			1.540	1.460	5.25	
n-Propylbenzene	1	0		7.26	18.94	20			2.617	2.478	5.30	
Bromobenzene	1	0		7.22	18.88	20			1.792	1.691	5.60	
1,3,5-Trimethylbenzene	1	0		7.35	19.03	20			1.602	1.524	4.85	
t-Butylbenzene	1	0		7.57	20.45	20			1.366	1.334	2.25	
1,2,4-Trimethylbenzene	1	0		7.60	19.06	20			1.759	1.676	4.70	
sec-Butylbenzene	1	0		7.70	19.64	20			1.709	1.645	1.80	
4-Isopropyltoluene	1	0		7.78	20.77	20			1.312	1.271	3.85	
n-Butylbenzene	1	0		8.04	19.38	20			1.592	1.509	3.10	
p-Diethylbenzene	1	0		8.03	19.40				0.747			
1,2,4,5-Tetramethylbenzene	1	0		8.53	17.54				1.301			
1,2-Dibromo-3-Chloropropane	1	0		8.60	11.97	20			0.229	0.172	40.15	
Hexachlorobutadiene	1	0		9.22	17.25	20			0.386	0.256	13.75	
1,2,4-Trichlorobenzene	1	0		9.13	14.91	20			0.687	0.513	25.45	
1,2,3-Trichlorobenzene	1	0		9.47	14.01	20			0.709	0.484	29.95	
Naphthalene	1	0		9.31	13.83	20			2.056	1.455	30.85	
1,2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58413.D Sam Mult : 1 Vial# : 3 Qt On : 01/21/09 07:08
Acq On : 01/21/09 06:53 Misc : A,5ML Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-21-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	327255	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.414	117	267375	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.842	152	140955	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.159	111	99004	30.43	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.43%			
32) 1,2-Dichloroethane-d4	4.385	102	21082	30.07	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.23%			
56) Toluene-d8	5.547	100	219705	29.48	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.27%			
64) Bromofluorobenzene	7.123	174	132147	30.61	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.03%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.314	85	31618	10.17	ug/l	88
4) Chloromethane	1.464	50	39017	18.42	ug/l	91
5) Bromomethane	1.781	94	12504	21.30	ug/l	95
6) Vinyl Chloride	1.531	62	32097	16.86	ug/l	99
7) Chloroethane	1.847	64	18056	19.48	ug/l	96
8) Trichlorofluoromethane	2.031	101	39441	19.27	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.406	101	33546	17.11	ug/l	95
10) Methylene Chloride	2.790	84	53838	17.68	ug/l	97
11) Acrolein	2.356	56	53742	65.52	ug/l	99
12) Acrylonitrile	2.997	53	29120	17.69	ug/l	83
13) Iodomethane	2.544	142	81049	22.74	ug/l	87
14) Acetone	2.475	43	127979	69.96	ug/l	96
15) Carbon Disulfide	2.593	76	149887	16.02	ug/l	100
16) t-Butyl Alcohol	2.888	59	14184	61.42	ug/l	84
17) n-Hexane	3.203	57	27547	16.07	ug/l	85
18) Di-isopropyl-ether	3.381	45	252828	17.59	ug/l	78
19) 1,1-Dichloroethene	2.416	61	86996	16.15	ug/l	83
20) Methyl Acetate	2.711	43	69680	13.69	ug/l	100
21) Methyl-t-butyl ether	2.997	73	80114	17.27	ug/l	87
22) 1,1-Dichloroethane	3.351	63	107512	17.97	ug/l	96
23) trans-1,2-Dichloroethene	3.006	96	44917	18.49	ug/l	99
24) cis-1,2-Dichloroethene	3.814	61	107559	18.30	ug/l	83
25) Bromochloromethane	3.991	49	72094	15.60	ug/l	91
26) 2,2-Dichloropropane	3.814	77	49740	20.38	ug/l	94
27) 1,4-Dioxane	5.035	88	36001	830.19	ug/l	66
28) 1,1-Dichloropropene	4.287	75	82196	19.14	ug/l	98
29) Chloroform	4.050	83	98506	18.00	ug/l	100
31) Cyclohexane	4.208	56	74036	17.63	ug/l	80
33) 1,2-Dichloroethane	4.435	62	101888	17.43	ug/l	100
34) 2-Butanone	3.834	43	48380	15.67	ug/l	80
35) 1,1,1-Trichloroethane	4.178	97	68205	18.92	ug/l	97
36) Carbon Tetrachloride	4.287	117	62939	20.12	ug/l	92
37) Vinyl Acetate	3.381	43	269440	18.50	ug/l	100
38) Bromodichloromethane	5.124	83	98889	19.57	ug/l	98
39) Methylcyclohexane	4.937	83	47855	19.59	ug/l	83
40) Dibromomethane	5.035	174	58982	21.64	ug/l	97
41) 1,2-Dichloropropane	4.957	63	77283	18.34	ug/l	95
42) Trichloroethene	4.819	130	59330	18.22	ug/l	95
43) Benzene	4.425	78	219987	17.87	ug/l	100
44) tert-Amyl methyl ether	4.484	73	71906	17.22	ug/l	95
46) Dibromochloromethane	6.079	129	78128	18.70	ug/l	98
47) 2-Chloroethylvinylether	5.291	63	41094	17.85	ug/l	87
48) cis-1,3-Dichloropropene	5.390	75	104901	17.56	ug/l	94
49) trans-1,3-Dichloropropene	5.715	75	90663	15.82	ug/l	97
50) 1,1,2-Trichloroethane	5.833	97	59416	17.74	ug/l	96
51) 1,2-Dibromoethane	6.158	107	71423	17.68	ug/l	92
52) 1,3-Dichloropropane	5.932	76	119287	18.86	ug/l	95
53) 4-Methyl-2-Pentanone	5.469	43	102524	12.47	ug/l	91
54) 2-Hexanone	5.961	43	72232	11.36	ug/l	93
55) Tetrachloroethene	5.922	164	50730	19.61	ug/l	99
57) Toluene	5.587	92	143873	19.60	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.473	133	55438	19.98	ug/l	89
59) Chlorobenzene	6.434	112	161138	18.89	ug/l	95
61) Bromoform	6.936	173	58791	18.19	ug/l	99
62) Ethylbenzene	6.483	106	60776	22.63	ug/l	84
63) 1,1,2,2-Tetrachloroethane	7.182	83	93183	17.00	ug/l	87
65) Styrene	6.798	104	180738	23.81	ug/l	98
66) m&p-Xylenes	6.552	106	174226	41.97	ug/l	98
67) o-Xylene	6.798	106	88474	21.18	ug/l	95

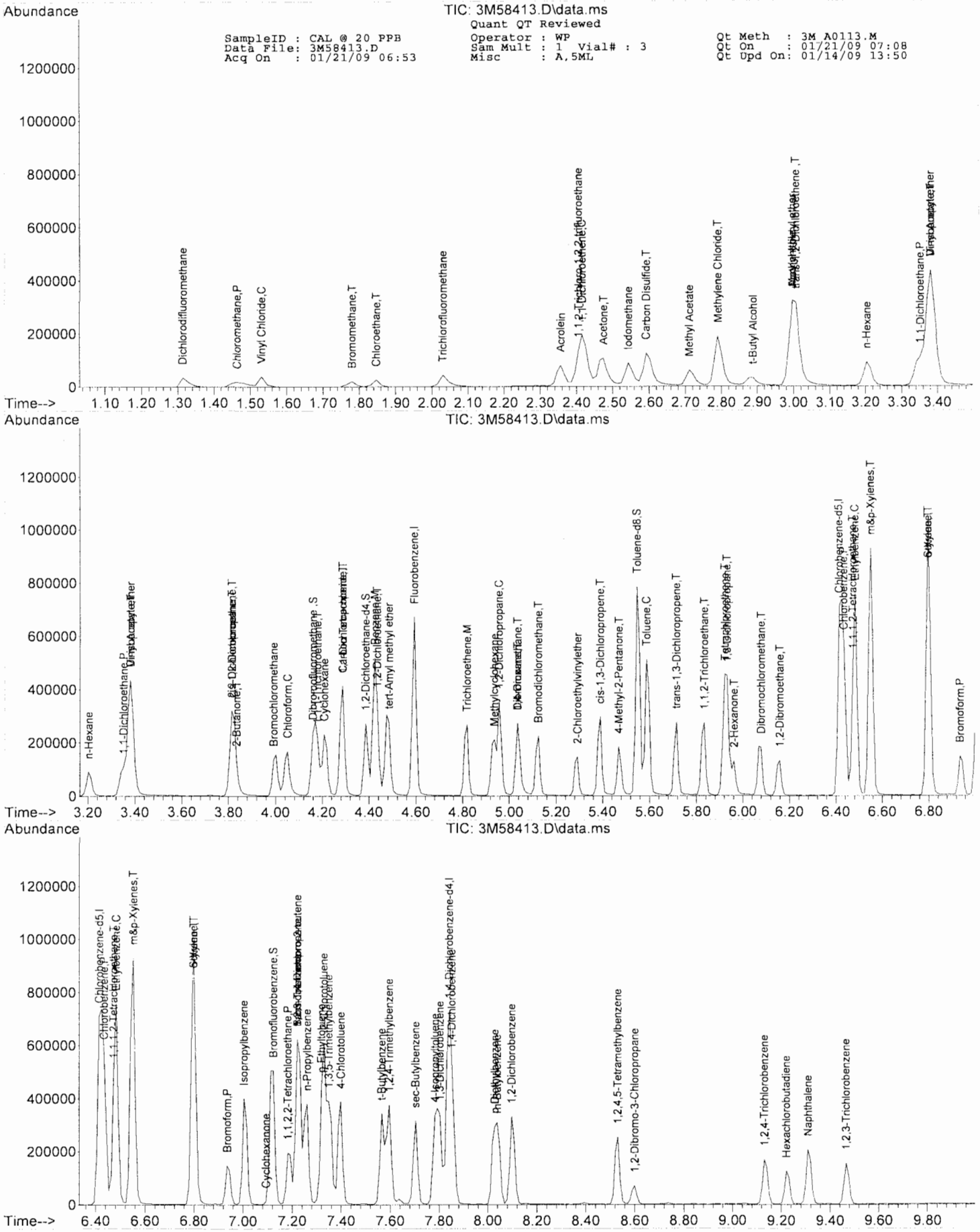
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58413.D Sam Mult : 1 Vial# : 3 Qt On : 01/21/09 07:08
Acq On : 01/21/09 06:53 Misc : A,5ML Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-21-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	7.222	53	40214	18.46 ug/l	47
69) 1,3-Dichlorobenzene	7.803	146	108690	18.05 ug/l	97
70) 1,4-Dichlorobenzene	7.852	146	113588	17.63 ug/l	94
71) 1,2-Dichlorobenzene	8.098	146	107662	17.65 ug/l	99
72) Isopropylbenzene	7.005	105	192031	21.34 ug/l	97
73) Cyclohexanone	7.094	55	2014m	4.19 ug/l	
74) 1,2,3-Trichloropropane	7.222	75	104216	18.11 ug/l	93
75) 2-Chlorotoluene	7.330	91	138240	19.58 ug/l	95
76) p-Ethyltoluene	7.320	105	163426	19.84 ug/l	92
77) 4-Chlorotoluene	7.399	91	137152	18.95 ug/l	98
78) n-Propylbenzene	7.261	91	232889	18.94 ug/l	98
79) Bromobenzene	7.222	77	158907	18.88 ug/l	86
80) 1,3,5-Trimethylbenzene	7.350	105	143231	19.03 ug/l	57
81) t-Butylbenzene	7.566	119	125331	20.45 ug/l	96
82) 1,2,4-Trimethylbenzene	7.596	105	157478	19.06 ug/l	98
83) sec-Butylbenzene	7.704	105	154572	19.64 ug/l	96
84) 4-Isopropyltoluene	7.783	119	119407	20.77 ug/l	98
85) n-Butylbenzene	8.039	91	141761	19.38 ug/l	98
86) p-Diethylbenzene	8.029	119	67696	19.40 ug/l	93
87) 1,2,4,5-Tetramethylben...	8.532	119	112476	17.54 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.601	157	16171	11.97 ug/l	94
89) Hexachlorobutadiene	9.221	225	24027	17.25 ug/l	97
90) 1,2,4-Trichlorobenzene	9.132	180	48172	14.91 ug/l	98
91) 1,2,3-Trichlorobenzene	9.467	180	45470	14.01 ug/l	98
92) Naphthalene	9.310	128	136701	13.83 ug/l	100

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


TIC: 3M58413.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 3M58413.D
Acq On : 01/21/09 06:53
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/21/09 07:08
Qt Upd On: 01/14/09 13:50
Abundance
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M58471.D **Instrument:** GCMS 3

Cont Calibration Date/Time 1/22/2009 7:19:00 A **Method:** EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.59	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.34	21.79	20			0.657	0.716	8.95	
Dichlorodifluoromethane	1	0		1.33	13.57	20			0.285	0.193	32.15	
Chloromethane	1	0		1.48	17.81	20	1	40.8	0.194	0.173	10.95	
Bromomethane	1	0		1.78	22.37	20	2.8	37.2	0.046	0.060	11.85	
Vinyl Chloride	1	0		1.53	17.98	20	1	39.2	0.175	0.157	10.10	
Chloroethane	1	0		1.84	21.08	20	7.6	32.4	0.096	0.090	5.40	
Trichlorofluoromethane	1	0		2.04	21.25	20	9.6	30.4	0.188	0.199	6.25	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.42	22.81	20			0.180	0.205	14.05	
Methylene Chloride	1	0		2.80	21.63	20	12.1	27.9	0.279	0.302	8.15	
Acrolein	1	0		2.36	105.17	100			0.075	0.079	5.17	
Acrylonitrile	1	0		3.00	21.52	20			0.151	0.162	7.60	
Iodomethane	1	0		2.55	27.70	20			0.335	0.453	38.50	
Acetone	1	0		2.48	99.41	100			0.168	0.167	0.59	
Carbon Disulfide	1	0		2.60	19.54	20			0.858	0.838	2.30	
t-Butyl Alcohol	1	0		2.89	74.24	100			0.020	0.016	25.76	
n-Hexane	1	0		3.21	18.69	20			0.149	0.147	6.55	
Di-isopropyl-ether	1	0		3.39	20.88	20			1.318	1.376	4.40	
1.1-Dichloroethene	1	0		2.43	20.27	20	10.1	29.9	0.494	0.501	1.35	
Methyl Acetate	1	0		2.72	17.65	20			0.467	0.412	11.75	
Methyl-t-butyl ether	1	0		3.01	17.86	20			0.425	0.380	10.70	
1.1-Dichloroethane	1	0		3.35	20.51	20	14.5	25.5	0.549	0.563	2.55	
trans-1.2-Dichloroethene	1	0		3.02	22.19	20	13.9	26.1	0.223	0.247	10.95	
cis-1.2-Dichloroethene	1	0		3.82	20.59	20			0.539	0.555	2.95	
Bromochloromethane	1	0		4.00	21.55	20			0.424	0.457	7.75	
2.2-Dichloropropane	1	0		3.82	20.88	20			0.224	0.234	4.40	
1.4-Dioxane	1	0		5.05	1004.28	1000			0.004	0.004	0.43	
1.1-Dichloropropene	1	0		4.29	21.50	20			0.394	0.423	7.50	
Chloroform	1	0		4.05	19.68	20	13.5	26.5	0.502	0.494	1.60	
Dibromofluoromethane	1	0	S	4.17	30.38	30			0.298	0.302	1.27	
Cyclohexane	1	0		4.22	19.66	20			0.384	0.378	1.70	
1.2-Dichloroethane-d4	1	0	S	4.40	31.42	30			0.064	0.067	4.73	
1.2-Dichloroethane	1	0		4.43	20.29	20	13.6	26.4	0.536	0.544	1.45	
2-Butanone	1	0		3.83	18.43	20			0.283	0.261	7.85	
1.1.1-Trichloroethane	1	0		4.18	19.92	20	15	25	0.330	0.329	0.40	
Carbon Tetrachloride	1	0		4.29	22.46	20	14.6	25.4	0.287	0.322	12.30	
Vinyl Acetate	1	0		3.38	21.57	20			1.335	1.440	7.85	
Bromodichloromethane	1	0		5.12	21.03	20	13.1	26.9	0.463	0.487	5.15	
Methylcyclohexane	1	0		4.94	21.27	20			0.231	0.238	6.35	
Dibromomethane	1	0		5.05	24.53	20			0.298	0.306	22.65	
1.2-Dichloropropane	1	0		4.97	20.32	20	6.8	33.2	0.386	0.392	1.60	
Trichloroethene	1	0		4.82	21.68	20	13.3	26.7	0.299	0.324	8.40	
Benzene	1	0		4.43	20.35	20	12.8	27.2	1.129	1.148	1.75	
tert-Amyl methyl ether	1	0		4.48	17.01				0.383			
Chlorobenzene-d5	1	0	I	6.42	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.08	20.27	20	13.5	26.5	0.469	0.475	1.35	
2-Chloroethylvinylether	1	0		5.29	15.53	20	1	44.8	0.228	0.200	22.35	
cis-1.3-Dichloropropene	1	0		5.39	18.54	20	4.8	35.2	0.609	0.621	7.30	
trans-1.3-Dichloropropene	1	0		5.72	16.83	20	10	30	0.548	0.541	15.85	
1.1.2-Trichloroethane	1	0		5.83	20.22	20	14.2	25.8	0.376	0.380	1.10	
1.2-Dibromoethane	1	0		6.16	19.86	20			0.453	0.450	0.70	
1.3-Dichloropropane	1	0		5.93	20.73	20			0.710	0.736	3.65	
4-Methyl-2-Pentanone	1	0		5.47	13.96	20			0.813	0.644	30.20	
2-Hexanone	1	0		5.96	13.74	20			0.622	0.490	31.30	
Tetrachloroethene	1	0		5.92	21.74	20	14.7	25.3	0.290	0.315	8.70	
Toluene-d8	1	0	S	5.56	28.77	30			0.836	0.802	4.10	
Toluene	1	0		5.60	20.89	20	14.9	25.1	0.824	0.860	4.45	
1.1.1.2-Tetrachloroethane	1	0		6.48	22.06	20			0.311	0.343	10.30	
Chlorobenzene	1	0		6.43	21.12	20	13.2	26.8	0.957	1.011	5.60	
1.4-Dichlorobenzene-d4	1	0	I	7.84	30.00	30				0.000	0.00	
Bromoform	1	0		6.95	18.84	20	14.2	25.8	0.688	0.648	5.80	
Ethylbenzene	1	0		6.48	23.11	20	11.8	28.2	0.572	0.661	15.55	
1.1.2.2-Tetrachloroethane	1	0		7.19	19.38	20	12.1	27.9	1.167	1.131	3.10	
Bromofluorobenzene	1	0	S	7.12	29.94	30			0.919	0.917	0.20	
Styrene	1	0		6.81	23.29	20			1.616	1.881	16.45	
m&p-Xylenes	1	0		6.55	45.64	40			0.884	1.008	14.10	
o-Xylene	1	0		6.80	22.79	20			0.889	1.013	13.95	
trans-1.4-Dichloro-2-butene	1	0		7.22	21.28	20			0.464	0.493	6.40	
1.3-Dichlorobenzene	1	0		7.80	20.28	20	14.6	25.4	1.282	1.300	1.40	
1.4-Dichlorobenzene	1	0		7.86	19.44	20	12.6	27.4	1.371	1.333	2.80	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M58471.D **Instrument:** GCMS 3

Cont Calibration Date/Time 1/22/2009 7:19:00 A Method: EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.11	19.98	20	12.6	27.4	1.298	1.297	0.10	
Isopropylbenzene	1	0		7.02	23.33	20			2.043	2.235	16.65	
Cyclohexanone	1	0		7.09	8.78				0.102			
1,2,3-Trichloropropane	1	0		7.23	19.63	20			1.225	1.202	1.85	
2-Chlorotoluene	1	0		7.33	19.58	20			1.503	1.471	2.10	
p-Ethyltoluene	1	0		7.32	20.93				1.753			
4-Chlorotoluene	1	0		7.40	22.57	20			1.540	1.738	12.85	
n-Propylbenzene	1	0		7.26	20.80	20			2.617	2.721	4.00	
Bromobenzene	1	0		7.23	20.76	20			1.792	1.860	3.80	
1,3,5-Trimethylbenzene	1	0		7.36	22.18	20			1.602	1.777	10.90	
t-Butylbenzene	1	0		7.57	22.51	20			1.366	1.468	12.55	
1,2,4-Trimethylbenzene	1	0		7.60	21.56	20			1.759	1.896	7.80	
sec-Butylbenzene	1	0		7.70	21.37	20			1.709	1.790	6.85	
4-Isopropyltoluene	1	0		7.78	23.13	20			1.312	1.415	15.65	
n-Butylbenzene	1	0		8.04	21.11	20			1.592	1.643	5.55	
p-Diethylbenzene	1	0		8.03	20.85				0.747			
1,2,4,5-Tetramethylbenzene	1	0		8.53	18.36				1.301			
1,2-Dibromo-3-Chloropropane	1	0		8.60	13.20	20			0.229	0.190	34.00	
Hexachlorobutadiene	1	0		9.23	19.51	20			0.386	0.289	2.45	
1,2,4-Trichlorobenzene	1	0		9.14	17.17	20			0.687	0.590	14.15	
1,2,3-Trichlorobenzene	1	0		9.48	17.60	20			0.709	0.608	12.00	
Naphthalene	1	0		9.32	16.84	20			2.056	1.771	15.80	
1,2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 3M58471.D
Acq On : 01/22/09 07:19

Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML

Qt Meth : 3M_A0113.M
Qt On : 01/22/09 07:34
Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-22-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.593	96	260478	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.424	117	212319	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.843	152	114639	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.169	111	78677	30.38	ug/l	0.01
Spiked Amount 30.000			Recovery = 101.27%			
32) 1,2-Dichloroethane-d4	4.396	102	17538	31.42	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.73%			
56) Toluene-d8	5.558	100	170244	28.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.90%			
64) Bromofluorobenzene	7.124	174	105144	29.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.80%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.342	51	124397	21.79	ug/l	59
3) Dichlorodifluoromethane	1.325	85	33595	13.57	ug/l	89
4) Chloromethane	1.475	50	30022	17.81	ug/l	87
5) Bromomethane	1.775	94	10451	22.37	ug/l	99
6) Vinyl Chloride	1.525	62	27255	17.98	ug/l	89
7) Chloroethane	1.842	64	15551	21.08	ug/l	98
8) Trichlorofluoromethane	2.042	101	34608	21.25	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.416	101	35590	22.81	ug/l	90
10) Methylene Chloride	2.800	84	52418	21.63	ug/l	95
11) Acrolein	2.357	56	68658	105.17	ug/l	100
12) Acrylonitrile	2.997	53	28204	21.52	ug/l	87
13) Iodomethane	2.554	142	78590	27.70	ug/l	90
14) Acetone	2.475	43	144745	99.41	ug/l	93
15) Carbon Disulfide	2.603	76	145572	19.54	ug/l	100
16) t-Butyl Alcohol	2.889	59	13647	74.24	ug/l	91
17) n-Hexane	3.214	57	25499	18.69	ug/l	86
18) Di-isopropyl-ether	3.391	45	238928	20.88	ug/l	76
19) 1,1-Dichloroethene	2.426	61	86952	20.27	ug/l	87
20) Methyl Acetate	2.721	43	71490	17.65	ug/l	100
21) Methyl-t-butyl ether	3.007	73	65973	17.86	ug/l	70
22) 1,1-Dichloroethane	3.352	63	97700	20.51	ug/l	100
23) trans-1,2-Dichloroethene	3.017	96	42901	22.19	ug/l	93
24) cis-1,2-Dichloroethene	3.824	61	96301	20.59	ug/l	84
25) Bromochloromethane	4.002	49	79293	21.55	ug/l	97
26) 2,2-Dichloropropane	3.824	77	40565	20.88	ug/l	96
27) 1,4-Dioxane	5.046	88	34664	1004.28	ug/l	69
28) 1,1-Dichloropropene	4.287	75	73469	21.50	ug/l	100
29) Chloroform	4.051	83	85712	19.68	ug/l	99
31) Cyclohexane	4.218	56	65710	19.66	ug/l	81
33) 1,2-Dichloroethane	4.435	62	94410	20.29	ug/l	96
34) 2-Butanone	3.834	43	45292	18.43	ug/l	78
35) 1,1,1-Trichloroethane	4.179	97	57159	19.92	ug/l	96
36) Carbon Tetrachloride	4.287	117	55931	22.46	ug/l	92
37) Vinyl Acetate	3.381	43	250085	21.57	ug/l	100
38) Bromodichloromethane	5.124	83	84579	21.03	ug/l	97
39) Methylcyclohexane	4.937	83	41362	21.27	ug/l	80
40) Dibromomethane	5.046	174	53202	24.53	ug/l	94
41) 1,2-Dichloropropane	4.967	63	68158	20.32	ug/l	99
42) Trichloroethene	4.819	130	56206	21.68	ug/l	95
43) Benzene	4.425	78	199388	20.35	ug/l	100
44) tert-Amyl methyl ether	4.484	73	56551	17.01	ug/l	77
46) Dibromochloromethane	6.080	129	67241	20.27	ug/l	99
47) 2-Chloroethylvinylether	5.292	63	28379	15.53	ug/l	89
48) cis-1,3-Dichloropropene	5.390	75	87946	18.54	ug/l	98
49) trans-1,3-Dichloropropene	5.715	75	76597	16.83	ug/l	99
50) 1,1,2-Trichloroethane	5.833	97	53805	20.22	ug/l	94
51) 1,2-Dibromoethane	6.158	107	63700	19.86	ug/l	95
52) 1,3-Dichloropropane	5.932	76	104116	20.73	ug/l	92
53) 4-Methyl-2-Pentanone	5.469	43	91177	13.96	ug/l	92
54) 2-Hexanone	5.961	43	69341	13.74	ug/l	90
55) Tetrachloroethene	5.922	164	44655	21.74	ug/l	96
57) Toluene	5.597	92	121800	20.89	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.483	133	48611	22.06	ug/l	97
59) Chlorobenzene	6.434	112	143080	21.12	ug/l	98
61) Bromoform	6.946	173	49548	18.84	ug/l	99
62) Ethylbenzene	6.483	106	50480	23.11	ug/l	83
63) 1,1,2,2-Tetrachloroethane	7.193	83	86417	19.38	ug/l	86
65) Styrene	6.808	104	143794	23.29	ug/l	89
66) m&p-Xylenes	6.552	106	154106	45.64	ug/l	93

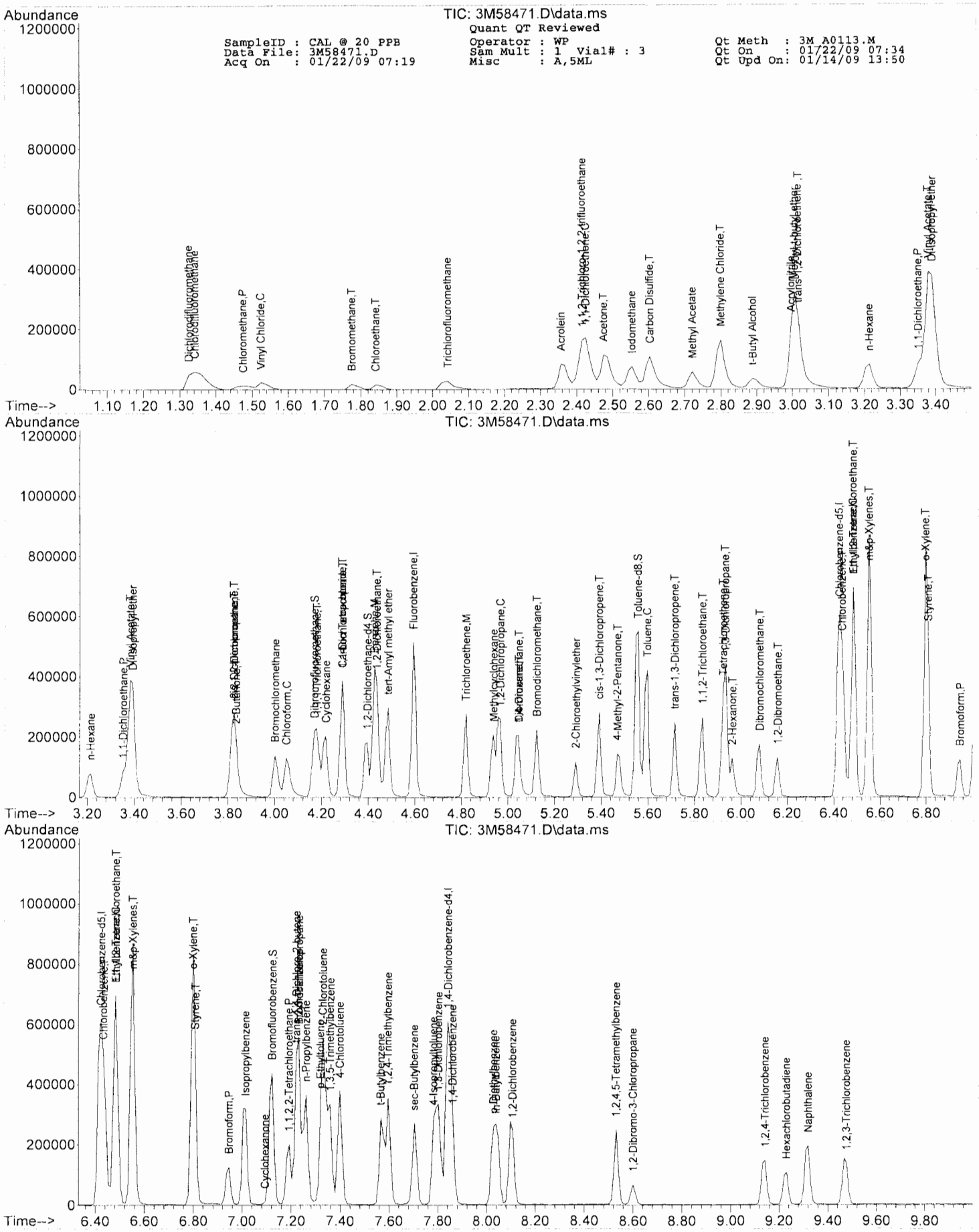
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58471.D Sam Mult : 1 Vial# : 3 Qt On : 01/22/09 07:34
Acq On : 01/22/09 07:19 Misc : A,5ML Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-22-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.799	106	77440	22.79 ug/l	86
68) trans-1,4-Dichloro-2-b...	7.222	53	37699	21.28 ug/l	41
69) 1,3-Dichlorobenzene	7.803	146	99343	20.28 ug/l	97
70) 1,4-Dichlorobenzene	7.862	146	101855	19.44 ug/l	92
71) 1,2-Dichlorobenzene	8.108	146	99142	19.98 ug/l	98
72) Isopropylbenzene	7.015	105	170789	23.33 ug/l	97
73) Cyclohexanone	7.094	55	3433	8.78 ug/l	76
74) 1,2,3-Trichloropropane	7.232	75	91852	19.63 ug/l	94
75) 2-Chlorotoluene	7.330	91	112454	19.58 ug/l	97
76) p-Ethyltoluene	7.321	105	140218	20.93 ug/l	91
77) 4-Chlorotoluene	7.399	91	132847	22.57 ug/l	98
78) n-Propylbenzene	7.262	91	207935	20.80 ug/l	98
79) Bromobenzene	7.232	77	142127	20.76 ug/l	86
80) 1,3,5-Trimethylbenzene	7.360	105	135811	22.18 ug/l	64
81) t-Butylbenzene	7.567	119	112218	22.51 ug/l	95
82) 1,2,4-Trimethylbenzene	7.596	105	144915	21.56 ug/l	95
83) sec-Butylbenzene	7.705	105	136766	21.37 ug/l	97
84) 4-Isopropyltoluene	7.784	119	108168	23.13 ug/l	99
85) n-Butylbenzene	8.040	91	125544	21.11 ug/l	99
86) p-Diethylbenzene	8.030	119	59186	20.85 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.532	119	95781	18.36 ug/l	96
88) 1,2-Dibromo-3-Chloropr...	8.601	157	14504	13.20 ug/l	98
89) Hexachlorobutadiene	9.231	225	22107	19.51 ug/l	97
90) 1,2,4-Trichlorobenzene	9.143	180	45092	17.17 ug/l	98
91) 1,2,3-Trichlorobenzene	9.477	180	46449	17.60 ug/l	97
92) Naphthalene	9.320	128	135343	16.84 ug/l	100

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


TIC: 3M58471.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 3M58471.D
Acq On : 01/22/09 07:19
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/22/09 07:34
Qt Upd On: 01/14/09 13:50
Abundance
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M58522.D **Instrument:** GCMS 3

Cont Calibration Date/Time 1/23/2009 8:16:00 A **Method:** EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.59	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.36	19.38	20			0.657	0.637	3.10	
Dichlorodifluoromethane	1	0		1.32	12.11	20			0.285	0.173	39.45	
Chloromethane	1	0		1.49	16.35	20	1	40.8	0.194	0.159	18.25	
Bromomethane	1	0		1.78	22.55	20	2.8	37.2	0.046	0.061	12.75	
Vinyl Chloride	1	0		1.54	16.17	20	1	39.2	0.175	0.141	19.15	
Chloroethane	1	0		1.84	20.53	20	7.6	32.4	0.096	0.087	2.65	
Trichlorofluoromethane	1	0		2.04	20.64	20	9.6	30.4	0.188	0.194	3.20	
1,1,2-Trichloro-1,2,2-trifluoroetha	1	0		2.42	20.98	20			0.180	0.189	4.90	
Methylene Chloride	1	0		2.80	23.50	20	12.1	27.9	0.279	0.328	17.50	
Acrolein	1	0		2.36	121.68	100			0.075	0.091	21.68	
Acrylonitrile	1	0		3.00	25.74	20			0.151	0.194	28.70	
Iodomethane	1	0		2.55	28.19	20			0.335	0.461	40.95	
Acetone	1	0		2.48	106.72	100			0.168	0.179	6.72	
Carbon Disulfide	1	0		2.60	18.51	20			0.858	0.794	7.45	
t-Butyl Alcohol	1	0		2.89	85.03	100			0.020	0.018	14.97	
n-Hexane	1	0		3.21	17.77	20			0.149	0.140	11.15	
Di-isopropyl-ether	1	0		3.39	23.20	20			1.318	1.528	16.00	
1,1-Dichloroethene	1	0		2.43	19.65	20	10.1	29.9	0.494	0.485	1.75	
Methyl Acetate	1	0		2.72	20.31	20			0.467	0.474	1.55	
Methyl-t-butyl ether	1	0		3.01	20.20	20			0.425	0.430	1.00	
1,1-Dichloroethane	1	0		3.35	22.12	20	14.5	25.5	0.549	0.607	10.60	
trans-1,2-Dichloroethene	1	0		3.02	21.85	20	13.9	26.1	0.223	0.243	9.25	
cis-1,2-Dichloroethene	1	0		3.82	22.52	20			0.539	0.607	12.60	
Bromochloromethane	1	0		4.00	21.51	20			0.424	0.456	7.55	
2,2-Dichloropropane	1	0		3.82	21.17	20			0.224	0.237	5.85	
1,4-Dioxane	1	0		5.05	1264.71	1000			0.004	0.005	26.47	
1,1-Dichloropropene	1	0		4.29	23.06	20			0.394	0.454	15.30	
Chloroform	1	0		4.05	21.93	20	13.5	26.5	0.502	0.550	9.65	
Dibromofluoromethane	1	0	S	4.17	30.51	30			0.298	0.303	1.70	
Cyclohexane	1	0		4.22	19.81	20			0.384	0.381	0.95	
1,2-Dichloroethane-d4	1	0	S	4.40	30.67	30			0.064	0.066	2.23	
1,2-Dichloroethane	1	0		4.44	23.46	20	13.6	26.4	0.536	0.629	17.30	
2-Butanone	1	0		3.83	22.96	20			0.283	0.325	14.80	
1,1,1-Trichloroethane	1	0		4.18	21.60	20	15	25	0.330	0.357	8.00	
Carbon Tetrachloride	1	0		4.29	22.89	20	14.6	25.4	0.287	0.328	14.45	
Vinyl Acetate	1	0		3.38	24.08	20			1.335	1.608	20.40	
Bromodichloromethane	1	0		5.12	24.53	20	13.1	26.9	0.463	0.568	22.65	
Methylcyclohexane	1	0		4.94	20.85	20			0.231	0.233	4.25	
Dibromomethane	1	0		5.05	26.96	20			0.298	0.337	34.80	
1,2-Dichloropropane	1	0		4.97	23.33	20	6.8	33.2	0.386	0.451	16.65	
Trichloroethene	1	0		4.82	22.21	20	13.3	26.7	0.299	0.331	11.05	
Benzene	1	0		4.42	22.58	20	12.8	27.2	1.129	1.274	12.90	
tert-Amyl methyl ether	1	0		4.48	20.72				0.383			
Chlorobenzene-d5	1	0	I	6.42	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.08	24.10	20	13.5	26.5	0.469	0.565	20.50	
2-Chloroethylvinylether	1	0		5.29	18.52	20	1	44.8	0.228	0.239	7.40	
cis-1,3-Dichloropropene	1	0		5.39	21.69	20	4.8	35.2	0.609	0.727	8.45	
trans-1,3-Dichloropropene	1	0		5.72	20.23	20	10	30	0.548	0.650	1.15	
1,1,2-Trichloroethane	1	0		5.83	24.29	20	14.2	25.8	0.376	0.456	21.45	
1,2-Dibromoethane	1	0		6.16	23.25	20			0.453	0.527	16.25	
1,3-Dichloropropane	1	0		5.93	25.41	20			0.710	0.901	27.05	
4-Methyl-2-Pentanone	1	0		5.48	18.18	20			0.813	0.839	9.10	
2-Hexanone	1	0		5.96	17.34	20			0.622	0.618	13.30	
Tetrachloroethene	1	0		5.92	22.45	20	14.7	25.3	0.290	0.326	12.25	
Toluene-d8	1	0	S	5.56	29.81	30			0.836	0.831	0.63	
Toluene	1	0		5.60	23.43	20	14.9	25.1	0.824	0.965	17.15	
1,1,1,2-Tetrachloroethane	1	0		6.48	24.75	20			0.311	0.385	23.75	
Chlorobenzene	1	0		6.44	23.14	20	13.2	26.8	0.957	1.107	15.70	
1,4-Dichlorobenzene-d4	1	0	I	7.84	30.00	30				0.000	0.00	
Bromoform	1	0		6.95	23.13	20	14.2	25.8	0.688	0.796	15.65	
Ethylbenzene	1	0		6.48	24.02	20	11.8	28.2	0.572	0.686	20.10	
1,1,2,2-Tetrachloroethane	1	0		7.19	23.36	20	12.1	27.9	1.167	1.363	16.80	
Bromofluorobenzene	1	0	S	7.12	30.37	30			0.919	0.930	1.23	
Styrene	1	0		6.81	26.56	20			1.616	2.145	32.80	
m&p-Xylenes	1	0		6.55	52.08	40			0.884	1.150	30.20	
o-Xylene	1	0		6.80	25.86	20			0.889	1.150	29.30	
trans-1,4-Dichloro-2-butene	1	0		7.22	26.09	20			0.464	0.605	30.45	
1,3-Dichlorobenzene	1	0		7.80	22.04	20	14.6	25.4	1.282	1.412	10.20	
1,4-Dichlorobenzene	1	0		7.86	21.81	20	12.6	27.4	1.371	1.496	9.05	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M58522.D **Instrument:** GCMS 3

Cont Calibration Date/Time 1/23/2009 8:16:00 A Method: EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.11	22.34	20	12.6	27.4	1.298	1.450	11.70	
Isopropylbenzene	1	0		7.02	26.01	20			2.043	2.491	30.05	
Cyclohexanone	1	0		7.10	6.48				0.102			
1,2,3-Trichloropropane	1	0		7.23	24.66	20			1.225	1.510	23.30	
2-Chlorotoluene	1	0		7.34	22.30	20			1.503	1.676	11.50	
p-Ethyltoluene	1	0		7.33	22.51				1.753			
4-Chlorotoluene	1	0		7.40	24.98	20			1.540	1.924	24.90	
n-Propylbenzene	1	0		7.26	22.51	20			2.617	2.944	12.55	
Bromobenzene	1	0		7.23	24.07	20			1.792	2.156	20.35	
1,3,5-Trimethylbenzene	1	0		7.36	23.75	20			1.602	1.903	18.75	
t-Butylbenzene	1	0		7.58	23.52	20			1.366	1.534	17.60	
1,2,4-Trimethylbenzene	1	0		7.60	23.02	20			1.759	2.024	15.10	
sec-Butylbenzene	1	0		7.70	21.88	20			1.709	1.833	9.40	
4-Isopropyltoluene	1	0		7.78	23.64	20			1.312	1.446	18.20	
n-Butylbenzene	1	0		8.05	21.68	20			1.592	1.688	8.40	
p-Diethylbenzene	1	0		8.03	20.86				0.747			
1,2,4,5-Tetramethylbenzene	1	0		8.53	19.99				1.301			
1,2-Dibromo-3-Chloropropane	1	0		8.60	15.86	20			0.229	0.228	20.70	
Hexachlorobutadiene	1	0		9.23	19.72	20			0.386	0.292	1.40	
1,2,4-Trichlorobenzene	1	0		9.14	18.75	20			0.687	0.644	6.25	
1,2,3-Trichlorobenzene	1	0		9.48	19.74	20			0.709	0.682	1.30	
Naphthalene	1	0		9.32	20.09	20			2.056	2.114	0.45	
1,2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 3M_A0113.M
Data File: 3M58522.D Sam Mult : 1 Vial# : 3 Qt On : 01/23/09 08:30
Acq On : 01/23/09 08:16 Misc : A,5ML Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-23-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	249492	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.424	117	202597	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.842	152	100662	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.169	111	75694	30.51	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.70%			
32) 1,2-Dichloroethane-d4	4.395	102	16398	30.67	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.23%			
56) Toluene-d8	5.558	100	168364	29.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.37%			
64) Bromofluorobenzene	7.123	174	93647	30.37	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.23%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.358	51	105982	19.38	ug/l	43
3) Dichlorodifluoromethane	1.325	85	28718	12.11	ug/l	91
4) Chloromethane	1.492	50	26405	16.35	ug/l	87
5) Bromomethane	1.775	94	10091	22.55	ug/l	93
6) Vinyl Chloride	1.542	62	23472	16.17	ug/l	89
7) Chloroethane	1.842	64	14503	20.53	ug/l	93
8) Trichlorofluoromethane	2.042	101	32199	20.64	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.416	101	31359	20.98	ug/l	95
10) Methylene Chloride	2.800	84	54549	23.50	ug/l	94
11) Acrolein	2.357	56	76087	121.68	ug/l	97
12) Acrylonitrile	2.997	53	32301	25.74	ug/l	85
13) Iodomethane	2.554	142	76604	28.19	ug/l	93
14) Acetone	2.485	43	148836	106.72	ug/l	94
15) Carbon Disulfide	2.603	76	132048	18.51	ug/l	100
16) t-Butyl Alcohol	2.889	59	14972	85.03	ug/l	89
17) n-Hexane	3.214	57	23214	17.77	ug/l	82
18) Di-isopropyl-ether	3.391	45	254184	23.20	ug/l	78
19) 1,1-Dichloroethene	2.426	61	80739	19.65	ug/l	83
20) Methyl Acetate	2.721	43	78793	20.31	ug/l	100
21) Methyl-t-butyl ether	3.007	73	71467	20.20	ug/l	70
22) 1,1-Dichloroethane	3.351	63	100924	22.12	ug/l	98
23) trans-1,2-Dichloroethene	3.017	96	40462	21.85	ug/l	99
24) cis-1,2-Dichloroethene	3.824	61	100906	22.52	ug/l	83
25) Bromochloromethane	4.001	49	75815	21.51	ug/l	95
26) 2,2-Dichloropropane	3.824	77	39392	21.17	ug/l	94
27) 1,4-Dioxane	5.045	88	41812	1264.71	ug/l	70
28) 1,1-Dichloropropene	4.287	75	75493	23.06	ug/l	99
29) Chloroform	4.051	83	91469	21.93	ug/l	99
31) Cyclohexane	4.218	56	63426	19.81	ug/l	81
33) 1,2-Dichloroethane	4.445	62	104586	23.46	ug/l	100
34) 2-Butanone	3.834	43	54045	22.96	ug/l	78
35) 1,1,1-Trichloroethane	4.179	97	59353	21.60	ug/l	97
36) Carbon Tetrachloride	4.287	117	54582	22.89	ug/l	93
37) Vinyl Acetate	3.381	43	267444	24.08	ug/l	100
38) Bromodichloromethane	5.124	83	94483	24.53	ug/l	100
39) Methylcyclohexane	4.937	83	38827	20.85	ug/l	78
40) Dibromomethane	5.045	174	56005	26.96	ug/l	95
41) 1,2-Dichloropropane	4.967	63	74939	23.33	ug/l	95
42) Trichloroethene	4.819	130	55137	22.21	ug/l	94
43) Benzene	4.425	78	211901	22.58	ug/l	100
44) tert-Amyl methyl ether	4.484	73	65982	20.72	ug/l	77
46) Dibromochloromethane	6.080	129	76299	24.10	ug/l	97
47) 2-Chloroethylvinylether	5.292	63	32297	18.52	ug/l	86
48) cis-1,3-Dichloropropene	5.390	75	98174	21.69	ug/l	94
49) trans-1,3-Dichloropropene	5.715	75	87847	20.23	ug/l	100
50) 1,1,2-Trichloroethane	5.833	97	61655	24.29	ug/l	93
51) 1,2-Dibromoethane	6.158	107	71161	23.25	ug/l	93
52) 1,3-Dichloropropane	5.932	76	121751	25.41	ug/l	94
53) 4-Methyl-2-Pentanone	5.479	43	113293	18.18	ug/l	95
54) 2-Hexanone	5.961	43	83531	17.34	ug/l	87
55) Tetrachloroethene	5.922	164	44008	22.45	ug/l	98
57) Toluene	5.597	92	130330	23.43	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.483	133	52028	24.75	ug/l	98
59) Chlorobenzene	6.444	112	149566	23.14	ug/l	99
61) Bromoform	6.946	173	53407	23.13	ug/l	97
62) Ethylbenzene	6.483	106	46064	24.02	ug/l	74
63) 1,1,2,2-Tetrachloroethane	7.192	83	91458	23.36	ug/l	86
65) Styrene	6.808	104	143977	26.56	ug/l	93
66) m&p-Xylenes	6.552	106	154393	52.08	ug/l	87

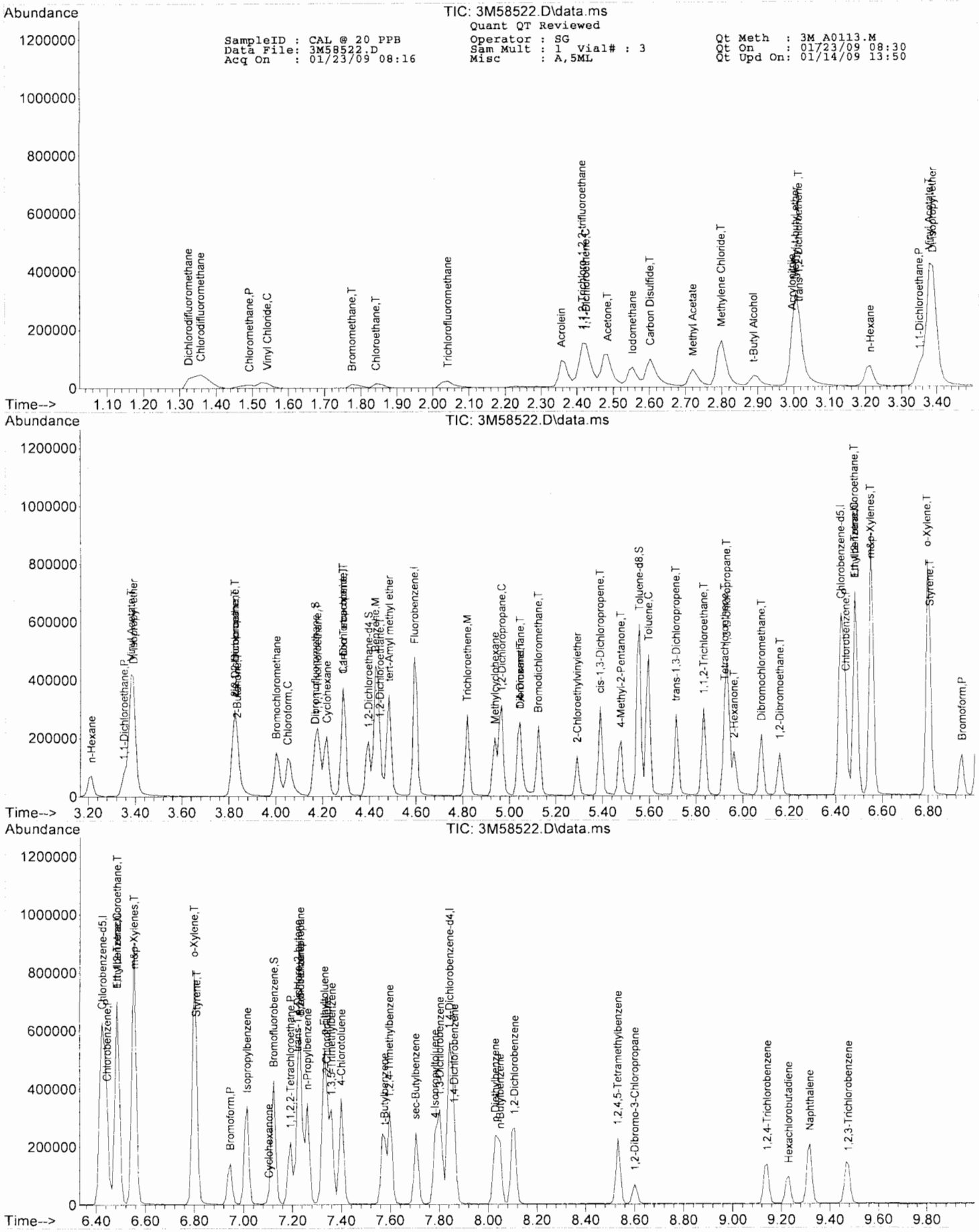
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 3M_A0113.M
Data File: 3M58522.D Sam Mult : 1 Vial# : 3 Qt On : 01/23/09 08:30
Acq On : 01/23/09 08:16 Misc : A,5ML Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-23-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.798	106	77154	25.86 ug/l	78
68) trans-1,4-Dichloro-2-b...	7.222	53	40588	26.09 ug/l	43
69) 1,3-Dichlorobenzene	7.803	146	94788	22.04 ug/l	98
70) 1,4-Dichlorobenzene	7.862	146	100361	21.81 ug/l	94
71) 1,2-Dichlorobenzene	8.108	146	97336	22.34 ug/l	98
72) Isopropylbenzene	7.015	105	167188	26.01 ug/l	97
73) Cyclohexanone	7.104	55	2225	6.48 ug/l	86
74) 1,2,3-Trichloropropane	7.232	75	101324	24.66 ug/l	92
75) 2-Chlorotoluene	7.340	91	112472	22.30 ug/l	98
76) p-Ethyltoluene	7.330	105	132439	22.51 ug/l	99
77) 4-Chlorotoluene	7.399	91	129088	24.98 ug/l	95
78) n-Propylbenzene	7.261	91	197596	22.51 ug/l	98
79) Bromobenzene	7.232	77	144711	24.07 ug/l	85
80) 1,3,5-Trimethylbenzene	7.360	105	127695	23.75 ug/l	93
81) t-Butylbenzene	7.577	119	102961	23.52 ug/l	95
82) 1,2,4-Trimethylbenzene	7.596	105	135855	23.02 ug/l	96
83) sec-Butylbenzene	7.705	105	122979	21.88 ug/l	95
84) 4-Isopropyltoluene	7.783	119	97055	23.64 ug/l	98
85) n-Butylbenzene	8.049	91	113262	21.68 ug/l	96
86) p-Diethylbenzene	8.030	119	51996	20.86 ug/l	93
87) 1,2,4,5-Tetramethylben...	8.532	119	91552	19.99 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.601	157	15309	15.86 ug/l	100
89) Hexachlorobutadiene	9.231	225	19615	19.72 ug/l	99
90) 1,2,4-Trichlorobenzene	9.142	180	43237	18.75 ug/l	99
91) 1,2,3-Trichlorobenzene	9.477	180	45763	19.74 ug/l	100
92) Naphthalene	9.320	128	141839	20.09 ug/l	100

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


TIC: 3M58522.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 3M58522.D
Acq On : 01/23/09 08:16
Operator : SG
Sam Mult : 1 Vial# : 3
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/23/09 08:30
Qt Upd On: 01/14/09 13:50
Abundance
Time-->

GC/MS Volatile Data
Raw QC Data

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58155.D
Analysis Date: 01/13/09 08:15
Method: EPA 624

Tune Scan/Time Range: Average of 4.394 to 4.473 min

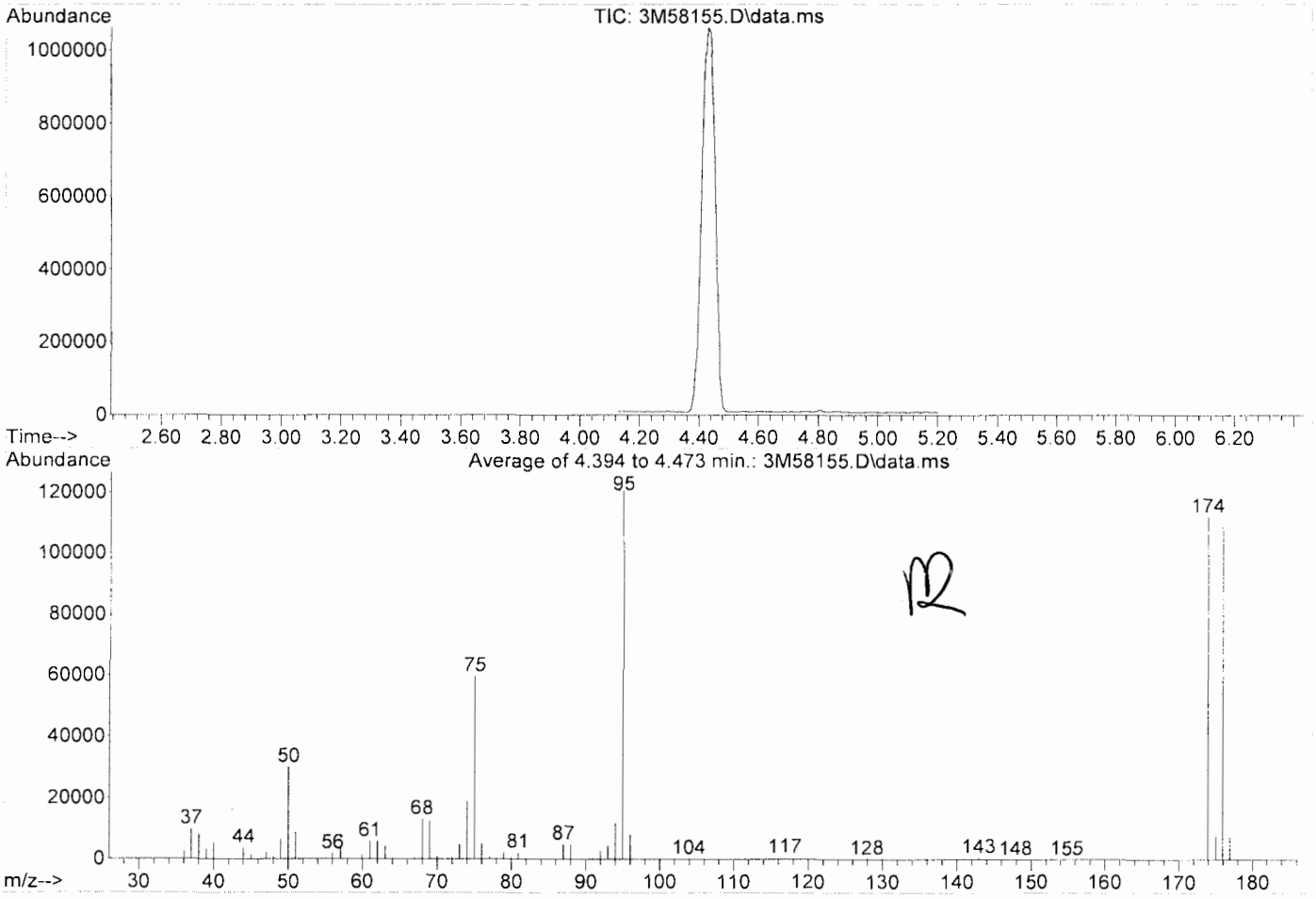
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	25.0	30150	PASS
75	95	30	60	49.5	59663	PASS
95	95	100	100	100.0	120636	PASS
96	95	5	9	6.7	8040	PASS
173	174	0.00	2	0.6	619	PASS
174	95	50	100	93.0	112199	PASS
175	174	5	9	7.0	7899	PASS
176	174	95	101	97.1	108984	PASS
177	176	5	9	6.9	7517	PASS

Data File	Sample Number	Analysis Date:
3M58156.D	BLK	01/13/09 08:25
3M58157.D	CAL @ 1 PPB	01/13/09 08:54
3M58158.D	CAL @ 0.5 PPB	01/13/09 09:14
3M58159.D	CAL @ 5 PPB	01/13/09 09:33
3M58160.D	CAL @ 500 PPB	01/13/09 09:50
3M58161.D	CAL @ 250 PPB	01/13/09 10:07
3M58162.D	CAL @ 100 PPB	01/13/09 10:24
3M58163.D	CAL @ 50 PPB	01/13/09 10:41
3M58164.D	CAL @ 20 PPB	01/13/09 10:59
3M58165.D	CAL @ 10 PPB	01/13/09 11:17
3M58166.D	BLK	01/13/09 11:36
3M58167.D	ICV	01/13/09 12:03
3M58168.D	BLK	01/13/09 12:20
3M58169.D	DAILY BLANK	01/13/09 12:37
3M58170.D	DAILY BLANK	01/13/09 12:55
3M58171.D	MBS10953	01/13/09 13:12
3M58172.D	MBS10954	01/13/09 13:29
3M58173.D	BLK	01/13/09 13:46
3M58174.D	AC42112-001	01/13/09 14:03
3M58175.D	AC42112-002	01/13/09 14:20
3M58176.D	AC42116-004	01/13/09 14:37
3M58177.D	AC42051-001(T)	01/13/09 14:55
3M58178.D	AC42051-002(T)	01/13/09 15:12
3M58179.D	AC42051-003(T)	01/13/09 15:29
3M58180.D	AC42051-004(T)	01/13/09 15:46
3M58181.D	EF-1-V-58362(011	01/13/09 16:03
3M58182.D	BLK	01/13/09 16:20
3M58183.D	AC42116-004	01/13/09 16:37
3M58184.D	AC42104-013	01/13/09 16:54
3M58185.D	AC42104-011	01/13/09 17:11
3M58186.D	AC42108-006	01/13/09 17:28
3M58187.D	AC42104-010	01/13/09 17:45
3M58188.D	AC42104-012	01/13/09 18:02
3M58189.D	AC42101-001	01/13/09 18:19
3M58190.D	AC42101-002	01/13/09 18:36

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-13-09\
Data File : 3M58155.D
Acq On : 13 Jan 2009 8:15
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 8 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2008\GCMS_3\METHODS\3M_A1219.M
Title : @GCMS_3,ug,624,8260
Last Update : Mon Jan 05 10:28:58 2009



Spectrum Information: Average of 4.394 to 4.473 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.0	30150	PASS
75	95	30	60	49.5	59663	PASS
95	95	100	100	100.0	120636	PASS
96	95	5	9	6.7	8040	PASS
173	174	0.00	2	0.6	619	PASS
174	95	50	100	93.0	112199	PASS
175	174	5	9	7.0	7899	PASS
176	174	95	101	97.1	108984	PASS
177	176	5	9	6.9	7517	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58412.D
Analysis Date: 01/21/09 06:42
Method: EPA 624

Tune Scan/Time Range: Average of 4.413 to 4.482 min

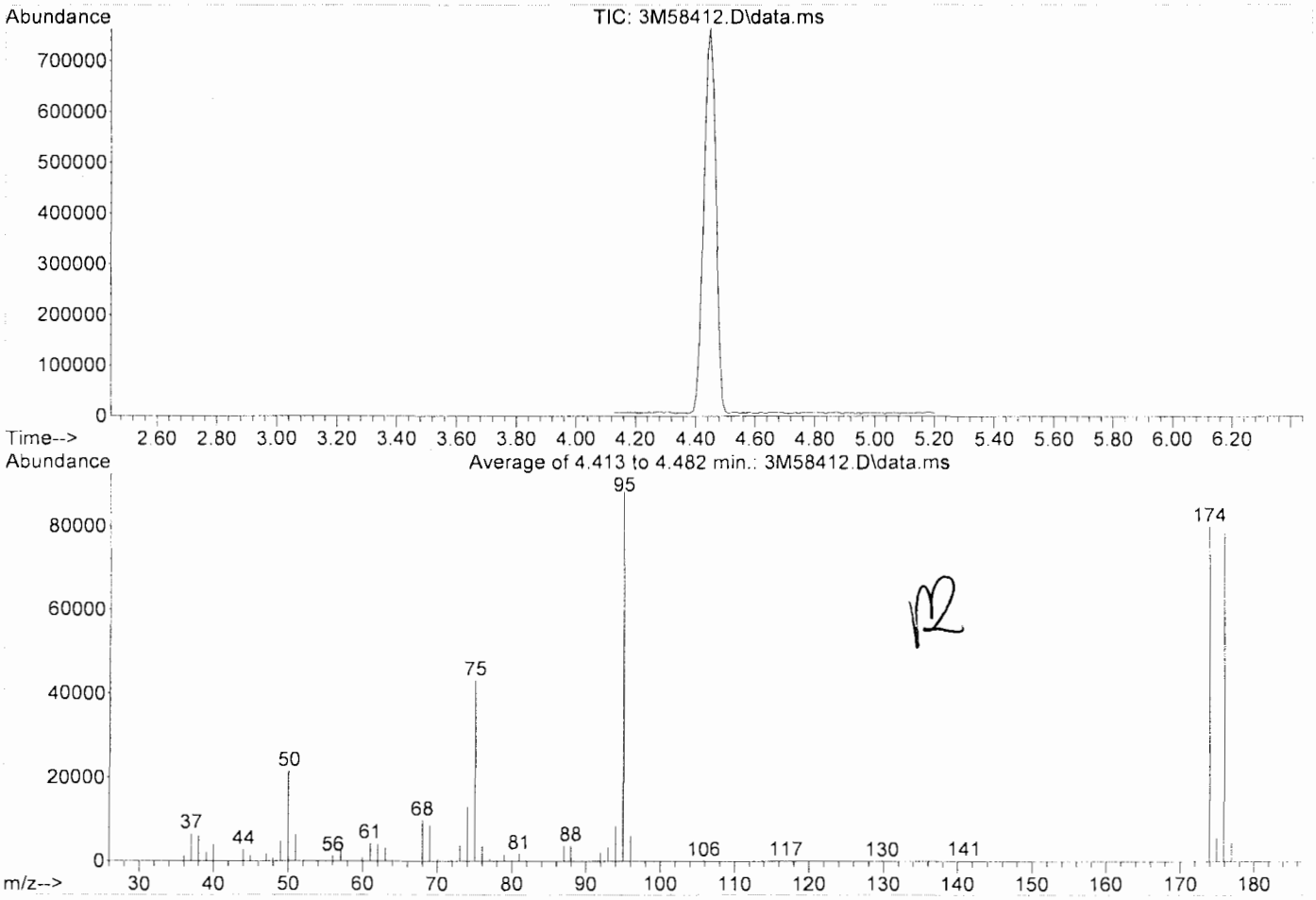
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.4	21520	PASS
75	95	30	60	48.9	43129	PASS
95	95	100	100	100.0	88242	PASS
96	95	5	9	6.8	6031	PASS
173	174	0.00	2	0.1	82	PASS
174	95	50	100	90.8	80110	PASS
175	174	5	9	7.1	5714	PASS
176	174	95	101	98.2	78707	PASS
177	176	5	9	6.4	5042	PASS

Data File	Sample Number	Analysis Date:
3M58413.D	CAL @ 20 PPB	01/21/09 06:53
3M58414.D	BLK	01/21/09 07:15
3M58415.D	DAILY BLANK	01/21/09 07:32
3M58416.D	DAILY BLANK	01/21/09 07:52
3M58417.D	MBS11021	01/21/09 08:11
3M58418.D	MBS11020	01/21/09 08:28
3M58419.D	AC42234-038(10X)	01/21/09 08:48
3M58420.D	AC42234-029	01/21/09 09:06
3M58421.D	MBS11024	01/21/09 09:23
3M58422.D	42196-003(10000X	01/21/09 09:44
3M58423.D	BLK	01/21/09 10:01
3M58424.D	AC42232-003	01/21/09 10:18
3M58425.D	AC42234-021(10X)	01/21/09 10:38
3M58426.D	AC42234-003(10X)	01/21/09 10:59
3M58427.D	AC42234-017(10X)	01/21/09 11:20
3M58428.D	AC42234-036(10X)	01/21/09 11:41
3M58429.D	AC42234-030(20X)	01/21/09 12:03
3M58430.D	AC42234-039(20X)	01/21/09 12:23
3M58431.D	AC42234-034(20X)	01/21/09 12:43
3M58432.D	AC42234-006(50X)	01/21/09 13:04
3M58433.D	AC42234-031(50X)	01/21/09 13:25
3M58434.D	AC42234-032(50X)	01/21/09 13:46
3M58435.D	AC42234-035(50X)	01/21/09 14:07
3M58436.D	MBS11028	01/21/09 14:25
3M58437.D	AC42234-002(MS)	01/21/09 14:42
3M58438.D	AC42234-002(MSD	01/21/09 14:59
3M58439.D	AC42234-003	01/21/09 15:17
3M58440.D	AC42234-017	01/21/09 15:34
3M58441.D	AC42234-030(5X)	01/21/09 15:54
3M58442.D	AC42234-036(100	01/21/09 16:16
3M58443.D	AC42234-006	01/21/09 16:35
3M58444.D	AC42234-034	01/21/09 16:52
3M58445.D	BLK	01/21/09 17:10
3M58446.D	AC42223-002	01/21/09 17:27
3M58447.D	AC42223-003	01/21/09 17:44
3M58448.D	AC42223-004	01/21/09 18:01
3M58449.D	AC42223-005	01/21/09 18:18
3M58450.D	AC42223-006	01/21/09 18:36
3M58451.D	MBS11029	01/21/09 18:53
3M58452.D	AC42169-003(MS)	01/21/09 19:10
3M58453.D	AC42169-003(MSD	01/21/09 19:27
3M58454.D	BLK	01/21/09 19:44
3M58455.D	BLK	01/21/09 20:01
3M58456.D	BLK	01/21/09 20:18
3M58457.D	MBS11030	01/21/09 20:35
3M58458.D	MBS11031	01/21/09 20:52
3M58459.D	BLK	01/21/09 21:10
3M58460.D	AC42236-002	01/21/09 21:27
3M58461.D	AC42236-003	01/21/09 21:44
3M58462.D	AC42236-004	01/21/09 22:01
3M58463.D	AC42146-001(MS)	01/21/09 22:19
3M58464.D	AC42146-001(MSD	01/21/09 22:36
3M58465.D	BLK	01/21/09 22:54
3M58466.D	BLK	01/21/09 23:11
3M58467.D	BLK	01/21/09 23:28

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-21-09\
Data File : 3M58412.D
Acq On : 21 Jan 2009 6:42
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 3 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2008\GCMS_3\METHODS\3M_A0113.M
Title : @GCMS_3,ug,624,8260
Last Update : Wed Jan 14 13:50:11 2009



Spectrum Information: Average of 4.413 to 4.482 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.4	21520	PASS
75	95	30	60	48.9	43129	PASS
95	95	100	100	100.0	88242	PASS
96	95	5	9	6.8	6031	PASS
173	174	0.00	2	0.1	82	PASS
174	95	50	100	90.8	80110	PASS
175	174	5	9	7.1	5714	PASS
176	174	95	101	98.2	78707	PASS
177	176	5	9	6.4	5042	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58470.D
Analysis Date: 01/22/09 07:09
Method: EPA 624

Tune Scan/Time Range: Average of 4.405 to 4.484 min

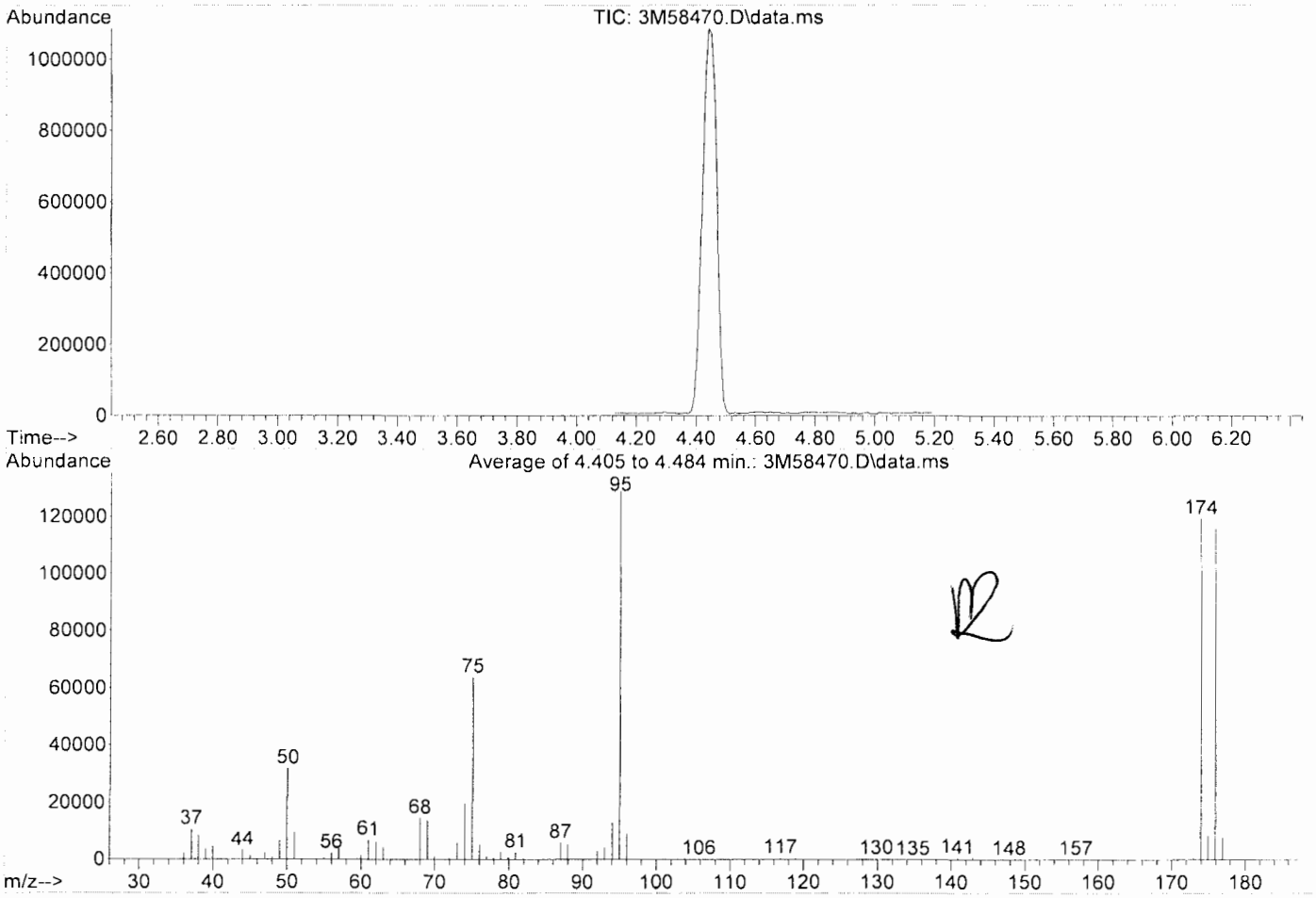
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.7	31819	PASS
75	95	30	60	49.5	63812	PASS
95	95	100	100	100.0	128945	PASS
96	95	5	9	7.1	9107	PASS
173	174	0.00	2	0.5	654	PASS
174	95	50	100	92.7	119523	PASS
175	174	5	9	7.2	8561	PASS
176	174	95	101	97.0	115927	PASS
177	176	5	9	6.7	7765	PASS

Data File	Sample Number	Analysis Date:
3M58471.D	CAL @ 20 PPB	01/22/09 07:19
3M58472.D	BLK	01/22/09 07:42
3M58473.D	DAILY BLANK	01/22/09 07:59
3M58474.D	DAILY BLANK	01/22/09 08:16
3M58475.D	MBS11035	01/22/09 08:33
3M58476.D	MBS11036	01/22/09 08:50
3M58477.D	BLK	01/22/09 09:07
3M58478.D	AC42282-009	01/22/09 09:26
3M58479.D	AC42282-011	01/22/09 09:43
3M58480.D	AC42282-007	01/22/09 10:01
3M58481.D	AC42282-005	01/22/09 10:18
3M58482.D	AC42282-003	01/22/09 10:35
3M58483.D	AC42282-001	01/22/09 10:52
3M58484.D	AC42282-007(20X)	01/22/09 11:12
3M58485.D	AC42282-005(20X)	01/22/09 11:32
3M58486.D	AC42282-003	01/22/09 11:50
3M58487.D	MBS11039	01/22/09 12:07
3M58488.D	AC42234-007(MS)	01/22/09 12:24
3M58489.D	AC42234-007(MSD	01/22/09 12:41
3M58490.D	AC42282-003	01/22/09 12:58
3M58491.D	AC42266-001	01/22/09 13:15
3M58492.D	AC42271-001	01/22/09 13:33
3M58493.D	AC42272-001	01/22/09 13:50
3M58494.D	AC42277-013	01/22/09 14:07
3M58495.D	AC42277-014	01/22/09 14:24
3M58496.D	AC42277-015	01/22/09 14:41
3M58497.D	AC42180-001(T)	01/22/09 14:58
3M58498.D	AC42180-002(T)	01/22/09 15:15
3M58499.D	AC42180-004(T)	01/22/09 15:32
3M58500.D	AC42159-001(T)	01/22/09 15:49
3M58501.D	AC42159-002(T)	01/22/09 16:06
3M58502.D	AC42199-001(T)	01/22/09 16:23
3M58503.D	EF-1-V-59364(012	01/22/09 16:40
3M58504.D	BLK	01/22/09 16:57
3M58505.D	AC42234-011(MS)	01/22/09 17:15
3M58506.D	AC42234-011(MSD	01/22/09 17:32
3M58507.D	BLK	01/22/09 17:49
3M58508.D	BLK	01/22/09 18:06
3M58509.D	MBS11042	01/22/09 18:23
3M58510.D	BLK	01/22/09 18:40
3M58511.D	AC42266-002	01/22/09 18:57
3M58512.D	AC42266-003	01/22/09 19:14
3M58513.D	AC42271-002	01/22/09 19:31
3M58514.D	AC42271-003	01/22/09 19:48
3M58515.D	AC42272-002	01/22/09 20:05
3M58516.D	AC42272-003	01/22/09 20:22
3M58517.D	AC42279-003	01/22/09 20:39
3M58518.D	AC42279-004	01/22/09 20:56

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-22-09\
Data File : 3M58470.D
Acq On : 22 Jan 2009 7:09
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 4 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2008\GCMS_3\METHODS\3M_A0113.M
Title : @GCMS_3,ug,624,8260
Last Update : Wed Jan 14 13:50:11 2009



Spectrum Information: Average of 4.405 to 4.484 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.7	31819	PASS
75	95	30	60	49.5	63812	PASS
95	95	100	100	100.0	128945	PASS
96	95	5	9	7.1	9107	PASS
173	174	0.00	2	0.5	654	PASS
174	95	50	100	92.7	119523	PASS
175	174	5	9	7.2	8561	PASS
176	174	95	101	97.0	115927	PASS
177	176	5	9	6.7	7765	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58521.D
Analysis Date: 01/23/09 07:45
Method: EPA 624

Tune Scan/Time Range: Average of 4.441 to 4.490 min

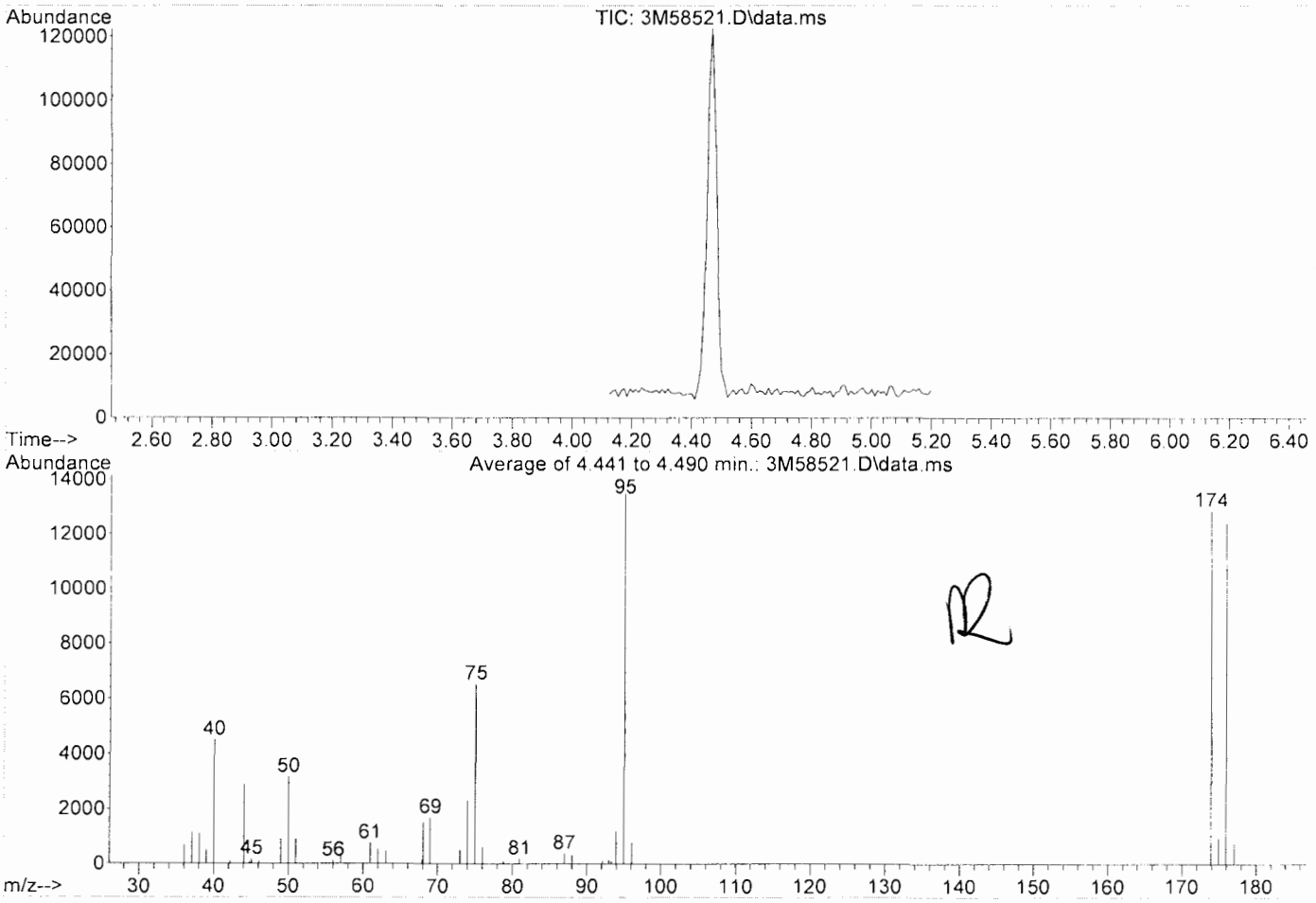
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	23.3	3146	PASS
75	95	30	60	48.4	6531	PASS
95	95	100	100	100.0	13480	PASS
96	95	5	9	5.7	774	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	95.5	12868	PASS
175	174	5	9	7.5	960	PASS
176	174	95	101	96.5	12419	PASS
177	176	5	9	6.1	763	PASS

Data File	Sample Number	Analysis Date:
3M58522.D	CAL @ 20 PPB	01/23/09 08:16
3M58523.D	DAILY BLANK	01/23/09 08:37
3M58524.D	DAILY BLANK	01/23/09 08:55
3M58525.D	MBS11051	01/23/09 09:12
3M58526.D	MBS11052	01/23/09 09:29
3M58527.D	BLK	01/23/09 09:46
3M58528.D	AC42299-003	01/23/09 10:03
3M58529.D	AC42280-003	01/23/09 10:20
3M58530.D	AC42280-004	01/23/09 10:37
3M58531.D	AC42299-001	01/23/09 10:54
3M58532.D	AC42299-002	01/23/09 11:12
3M58533.D	AC42299-004	01/23/09 11:29
3M58534.D	AC42277-012	01/23/09 11:46
3M58535.D	AC42279-001	01/23/09 12:03
3M58536.D	AC42280-001	01/23/09 12:20
3M58537.D	AC42279-001	01/23/09 12:37
3M58538.D	AC42234-003(MS)	01/23/09 12:54
3M58539.D	AC42234-003(MSD	01/23/09 13:11
3M58540.D	AC42290-001	01/23/09 13:28
3M58541.D	AC42290-002	01/23/09 13:46
3M58542.D	AC42290-003	01/23/09 14:03
3M58543.D	AC42290-004	01/23/09 14:20
3M58544.D	AC42290-005	01/23/09 14:37
3M58545.D	AC42290-006	01/23/09 14:54
3M58546.D	AC42290-007	01/23/09 15:11
3M58547.D	BLKHCL	01/23/09 15:28
3M58548.D	AC42290-009	01/23/09 15:45
3M58549.D	BLKFB	01/23/09 16:02
3M58550.D	AC42290-011	01/23/09 16:19
3M58551.D	AC42290-012	01/23/09 16:36
3M58552.D	AC42290-013	01/23/09 16:53
3M58553.D	AC42290-014	01/23/09 17:10
3M58554.D	AC42290-015	01/23/09 17:27
3M58555.D	MBS11055	01/23/09 17:44
3M58556.D	AC42159-002(T:M	01/23/09 18:01
3M58557.D	AC42159-002(T:M	01/23/09 18:18
3M58558.D	BLK	01/23/09 18:35
3M58559.D	AC42290-008	01/23/09 18:52
3M58560.D	AC42290-010	01/23/09 19:09
3M58561.D	AC42301-003	01/23/09 19:26
3M58562.D	AC42301-004	01/23/09 19:43
3M58563.D	AC42301-005	01/23/09 20:00
3M58564.D	AC42301-006	01/23/09 20:17
3M58565.D	AC42301-007	01/23/09 20:34
3M58566.D	AC42301-008	01/23/09 20:51
3M58567.D	AC42301-009	01/23/09 21:08
3M58568.D	AC42301-010	01/23/09 21:25
3M58569.D	AC42301-011	01/23/09 21:42
3M58570.D	AC42301-012	01/23/09 21:59
3M58571.D	AC42301-013	01/23/09 22:16
3M58572.D	AC42301-014	01/23/09 22:33
3M58573.D	BLK	01/23/09 22:50
3M58574.D	AC42301-001	01/23/09 23:07
3M58575.D	AC42301-002	01/24/09 11:17
3M58576.D	BLK	01/24/09 11:34
3M58577.D	BLK	01/24/09 11:51
3M58578.D	BLK	01/24/09 12:08
3M58579.D	BLK	01/24/09 12:25

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-23-09\
Data File : 3M58521.D
Acq On : 23 Jan 2009 7:45
Operator : SG
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 3 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2008\GCMS_3\METHODS\3M_A0113.M
Title : @GCMS_3,ug,624,8260
Last Update : Wed Jan 14 13:50:11 2009



Spectrum Information: Average of 4.441 to 4.490 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.3	3146	PASS
75	95	30	60	48.4	6531	PASS
95	95	100	100	100.0	13480	PASS
96	95	5	9	5.7	774	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	95.5	12868	PASS
175	174	5	9	7.5	960	PASS
176	174	95	101	96.5	12419	PASS
177	176	5	9	6.1	763	PASS

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 3M58474.D
Analysis Date: 01/22/09 08:16
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U				

Worksheet #: 106963

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

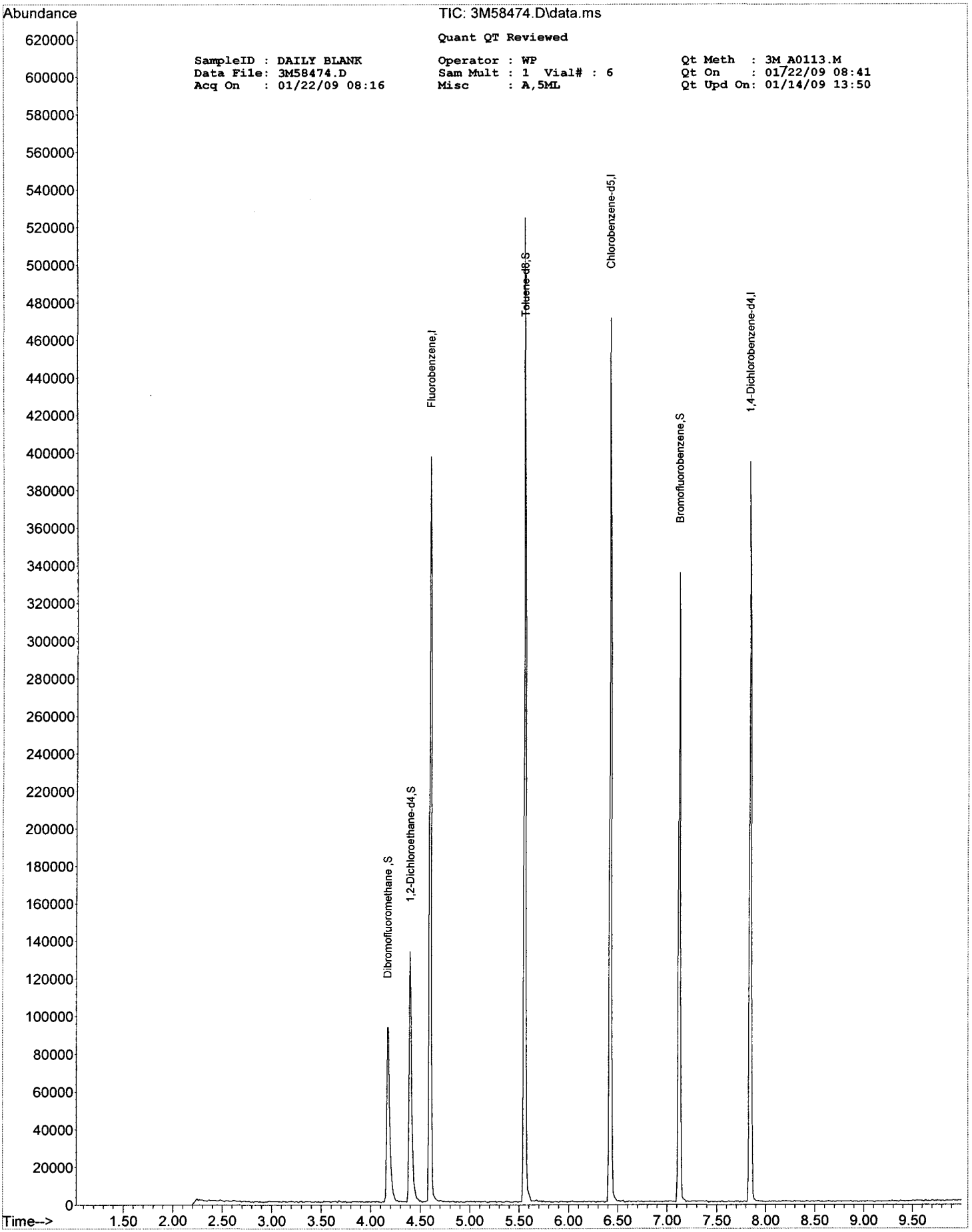
Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK Operator : WP Qt Meth : 3M_A0113.M
Data File: 3M58474.D Sam Mult : 1 Vial# : 6 Qt On : 01/22/09 08:41
Acq On : 01/22/09 08:16 Misc : A,5ML Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-22-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.602	96	212759	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.424	117	165199	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.842	152	85052	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.169	111	62777	29.68	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.93%		
32) 1,2-Dichloroethane-d4	4.395	102	13376	29.34	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.80%		
56) Toluene-d8	5.557	100	131552	28.57	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.23%		
64) Bromofluorobenzene	7.123	174	73551	28.23	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.10%		
Target Compounds						Qvalue

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


Abundance
TIC: 3M58474.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 3M58474.D
Acq On : 01/22/09 08:16
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/22/09 08:41
Qt Upd On: 01/14/09 13:50
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 3M58523.D
Analysis Date: 01/23/09 08:37
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U				

Worksheet #: 106963

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

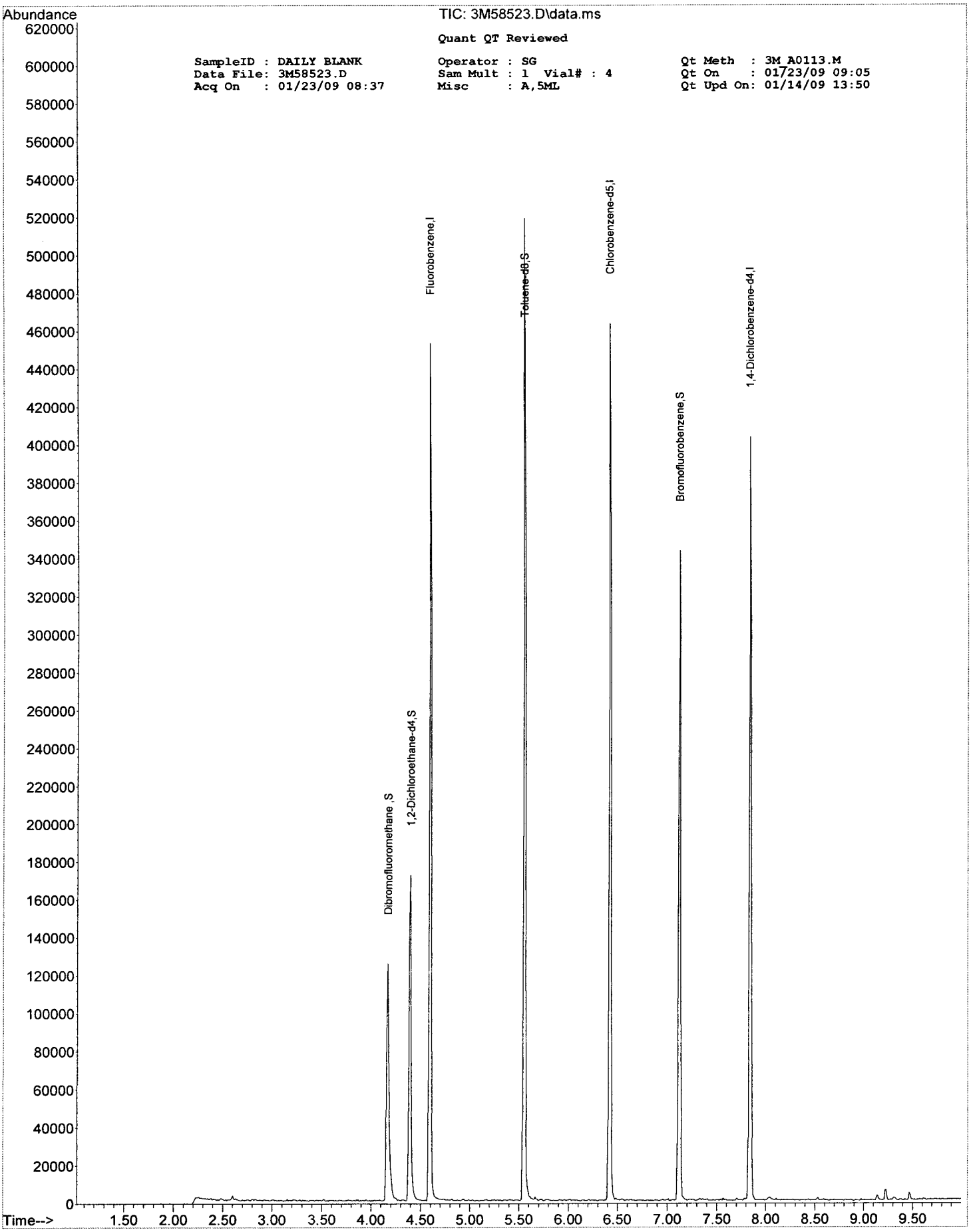
Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK Operator : SG Qt Meth : 3M_A0113.M
Data File: 3M58523.D Sam Mult : 1 Vial# : 4 Qt On : 01/23/09 09:05
Acq On : 01/23/09 08:37 Misc : A,5ML Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-23-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.591	96	224791	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.423	117	176035	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.841	152	82883	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.168	111	69772	31.22	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.07%		
32) 1,2-Dichloroethane-d4	4.394	102	14978	31.10	ug/l	0.00
Spiked Amount 30.000			Recovery =	103.67%		
56) Toluene-d8	5.556	100	146337	29.82	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.40%		
64) Bromofluorobenzene	7.122	174	77934	30.70	ug/l	0.00
Spiked Amount 30.000			Recovery =	102.33%		
Target Compounds						Qvalue

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


Abundance
TIC: 3M58523.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 3M58523.D
Acq On : 01/23/09 08:37
Operator : SG
Sam Mult : 1 Vial# : 4
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/23/09 09:05
Qt Upd On: 01/14/09 13:50
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form3

MBS Data

Method: 624

Data File:==>	3M58487.D
Data/Batch/Sample ID:==>	MBS11039
Date/Time:==>	01/22/09 12:07

Compound	Limit(s) Soil	Limit(s) Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1,1-Trichloroethan		52-162	1	0	20.25	20	101												
1,1,2,2-Tetrachloroe		46-157	1	0	18.61	20	93												
1,1,2-Trichloroethan		52-150	1	0	20.28	20	101												
1,1-Dichloroethane		59-155	1	0	18.81	20	94												
1,1-Dichloroethene		1-234	1	0	18.3	20	91												
1,2-Dichlorobenzen		18-190	1	0	18.78	20	94												
1,2-Dichloroethane		49-155	1	0	19.38	20	97												
1,2-Dichloropropane		1-210	1	0	19.77	20	99												
1,3-Dichlorobenzen		59-156	1	0	19.52	20	98												
1,4-Dichlorobenzen		18-190	1	0	18.8	20	94												
2-Chloroethylvinylet		1-305	1	0	7.65	20	38												
Benzene		37-151	1	0	20.49	20	102												
Bromodichlorometh		35-155	1	0	17.94	20	90												
Bromoform		45-169	1	0	17.13	20	86												
Bromomethane		1-242	1	0	12.37	20	62												
Carbon Tetrachlorid		70-140	1	0	22.08	20	110												
Chlorobenzene		37-160	1	0	20.25	20	101												
Chloroethane		14-230	1	0	14.98	20	75												
Chloroform		51-138	1	0	19.06	20	95												
Chloromethane		1-273	1	0	9.43	20	47												
cis-1,3-Dichloroprop		1-227	1	0	16.06	20	80												
Dibromochlorometh		53-149	1	0	18.71	20	94												
Ethylbenzene		37-162	1	0	23.69	20	118												
Methylene Chloride		1-221	1	0	19.91	20	100												
Tetrachloroethene		64-148	1	0	20.87	20	104												
Toluene		47-150	1	0	22.08	20	110												
trans-1,2-Dichloroet		54-156	1	0	20.44	20	102												
trans-1,3-Dichloropr		17-183	1	0	14.45	20	72												
Trichloroethene		71-157	1	0	19.98	20	100												
Trichlorofluorometh		17-181	1	0	13.58	20	68												
Vinyl Chloride		1-251	1	0	10.31	20	52												

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

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 3M58487.D
Acq On : 01/22/09 12:07

Operator : WP
Sam Mult : 1 Vial# : 16
Misc : A,5ML!6

Qt Meth : 3M_A0113.M
Qt On : 01/22/09 12:21
Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-22-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.600	96	236373	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.422	117	181787	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.850	152	97321	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.177	111	68281	29.05	ug/l	0.02
Spiked Amount 30.000			Recovery = 96.83%			
32) 1,2-Dichloroethane-d4	4.403	102	15212	30.04	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.13%			
56) Toluene-d8	5.556	100	156908	30.96	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.20%			
64) Bromofluorobenzene	7.132	174	88813	29.79	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.30%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.331	85	11631	5.18	ug/l	82
4) Chloromethane	1.515	50	14428	9.43	ug/l	86
5) Bromomethane	1.798	94	5244	12.37	ug/l	93
6) Vinyl Chloride	1.548	62	14183	10.31	ug/l	100
7) Chloroethane	1.848	64	10031	14.98	ug/l	99
8) Trichlorofluoromethane	2.048	101	20078	13.58	ug/l	94
9) 1,1,2-Trichloro-1,2,2-...	2.424	101	29413	20.77	ug/l	95
10) Methylene Chloride	2.808	84	43789	19.91	ug/l	92
11) Acrolein	2.365	56	32049	54.10	ug/l	90
12) Acrylonitrile	3.015	53	24228	20.37	ug/l	91
13) Iodomethane	2.562	142	60695	23.57	ug/l	93
14) Acetone	2.483	43	122403	92.64	ug/l	93
15) Carbon Disulfide	2.611	76	119472	17.68	ug/l	100
16) t-Butyl Alcohol	2.897	59	12528	75.10	ug/l	93
17) n-Hexane	3.222	57	21622	17.47	ug/l	83
18) Di-isopropyl-ether	3.399	45	196965	18.97	ug/l	79
19) 1,1-Dichloroethene	2.434	61	71219	18.30	ug/l	84
20) Methyl Acetate	2.729	43	69242	18.84	ug/l	100
21) Methyl-t-butyl ether	3.015	73	58106	17.34	ug/l	74
22) 1,1-Dichloroethane	3.369	63	81300	18.81	ug/l	96
23) trans-1,2-Dichloroethene	3.025	96	35854	20.44	ug/l	96
24) cis-1,2-Dichloroethene	3.832	61	80798	19.03	ug/l	82
25) Bromochloromethane	4.010	49	68181	20.42	ug/l	95
26) 2,2-Dichloropropane	3.832	77	33171	18.82	ug/l	87
27) 1,4-Dioxane	5.044	88	31603	1008.97	ug/l	58
28) 1,1-Dichloropropene	4.295	75	63851	20.59	ug/l	99
29) Chloroform	4.059	83	75316	19.06	ug/l	96
31) Cyclohexane	4.216	56	61689	20.34	ug/l	78
33) 1,2-Dichloroethane	4.443	62	81855	19.38	ug/l	99
34) 2-Butanone	3.842	43	42090	18.87	ug/l	78
35) 1,1,1-Trichloroethane	4.187	97	52725	20.25	ug/l	99
36) Carbon Tetrachloride	4.295	117	49888	22.08	ug/l	95
37) Vinyl Acetate	3.389	43	179868	17.10	ug/l	100
38) Bromodichloromethane	5.132	83	65460	17.94	ug/l	97
39) Methylcyclohexane	4.945	83	36121	20.47	ug/l	82
40) Dibromomethane	5.044	174	42285	21.48	ug/l	90
41) 1,2-Dichloropropane	4.965	63	60190	19.77	ug/l	98
42) Trichloroethene	4.827	130	47004	19.98	ug/l	96
43) Benzene	4.433	78	182185	20.49	ug/l	100
44) tert-Amyl methyl ether	4.482	73	52018	17.24	ug/l	84
46) Dibromochloromethane	6.078	129	53138	18.71	ug/l	99
47) 2-Chloroethylvinylether	5.300	63	11974	7.65	ug/l	92
48) cis-1,3-Dichloropropene	5.398	75	65251	16.06	ug/l	95
49) trans-1,3-Dichloropropene	5.723	75	56290	14.45	ug/l	99
50) 1,1,2-Trichloroethane	5.841	97	46189	20.28	ug/l	99
51) 1,2-Dibromoethane	6.157	107	52205	19.01	ug/l	99
52) 1,3-Dichloropropane	5.940	76	93355	21.71	ug/l	92
53) 4-Methyl-2-Pentanone	5.477	43	87670	15.68	ug/l	94
54) 2-Hexanone	5.969	43	63151	14.61	ug/l	95
55) Tetrachloroethene	5.930	164	36709	20.87	ug/l	96
57) Toluene	5.595	92	110193	22.08	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.482	133	40525	21.48	ug/l	91
59) Chlorobenzene	6.442	112	117426	20.25	ug/l	99
61) Bromoform	6.944	173	38230	17.13	ug/l	95
62) Ethylbenzene	6.491	106	43920	23.69	ug/l	87
63) 1,1,2,2-Tetrachloroethane	7.191	83	70455	18.61	ug/l	86
65) Styrene	6.807	104	110385	21.06	ug/l	99
66) m&p-Xylenes	6.560	106	124393	43.40	ug/l	92
67) o-Xylene	6.807	106	63005	21.84	ug/l	88

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 3M58487.D
Acq On : 01/22/09 12:07

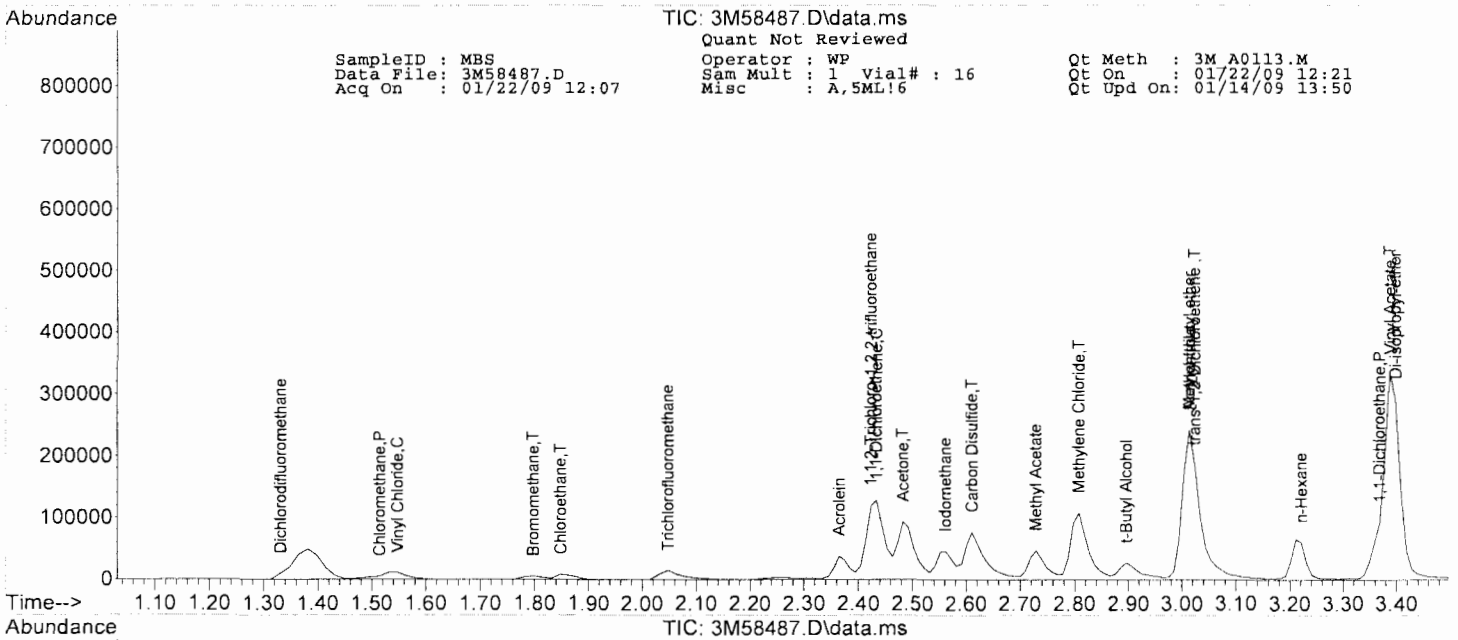
Operator : WP
Sam Mult : 1 Vial# : 16
Misc : A,5ML!6

Qt Meth : 3M_A0113.M
Qt On : 01/22/09 12:21
Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-22-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	7.220	53	31710	21.08 ug/l	40
69) 1,3-Dichlorobenzene	7.811	146	81173	19.52 ug/l	95
70) 1,4-Dichlorobenzene	7.860	146	83609	18.80 ug/l	95
71) 1,2-Dichlorobenzene	8.107	146	79106	18.78 ug/l	98
72) Isopropylbenzene	7.013	105	136310	21.94 ug/l	96
74) 1,2,3-Trichloropropane	7.230	75	76558	19.27 ug/l	93
75) 2-Chlorotoluene	7.338	91	105119	21.56 ug/l	96
76) p-Ethyltoluene	7.329	105	127992	22.51 ug/l	96
77) 4-Chlorotoluene	7.407	91	91039	18.22 ug/l	98
78) n-Propylbenzene	7.260	91	170659	20.10 ug/l	99
79) Bromobenzene	7.230	77	115840	19.93 ug/l	85
80) 1,3,5-Trimethylbenzene	7.358	105	98996	19.05 ug/l	94
81) t-Butylbenzene	7.575	119	88422	20.89 ug/l	92
82) 1,2,4-Trimethylbenzene	7.604	105	114302	20.03 ug/l	95
83) sec-Butylbenzene	7.713	105	98487	18.12 ug/l	94
84) 4-Isopropyltoluene	7.791	119	83284	20.98 ug/l	99
85) n-Butylbenzene	8.047	91	95483	18.91 ug/l	99
86) p-Diethylbenzene	8.028	119	48981	20.33 ug/l	90
87) 1,2,4,5-Tetramethylben...	8.540	119	67940	15.34 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.609	157	11145	11.94 ug/l	90
89) Hexachlorobutadiene	9.229	225	14650	15.23 ug/l	98
90) 1,2,4-Trichlorobenzene	9.141	180	37216	16.69 ug/l	99
91) 1,2,3-Trichlorobenzene	9.476	180	35831	15.99 ug/l	98
92) Naphthalene	9.318	128	112947	16.55 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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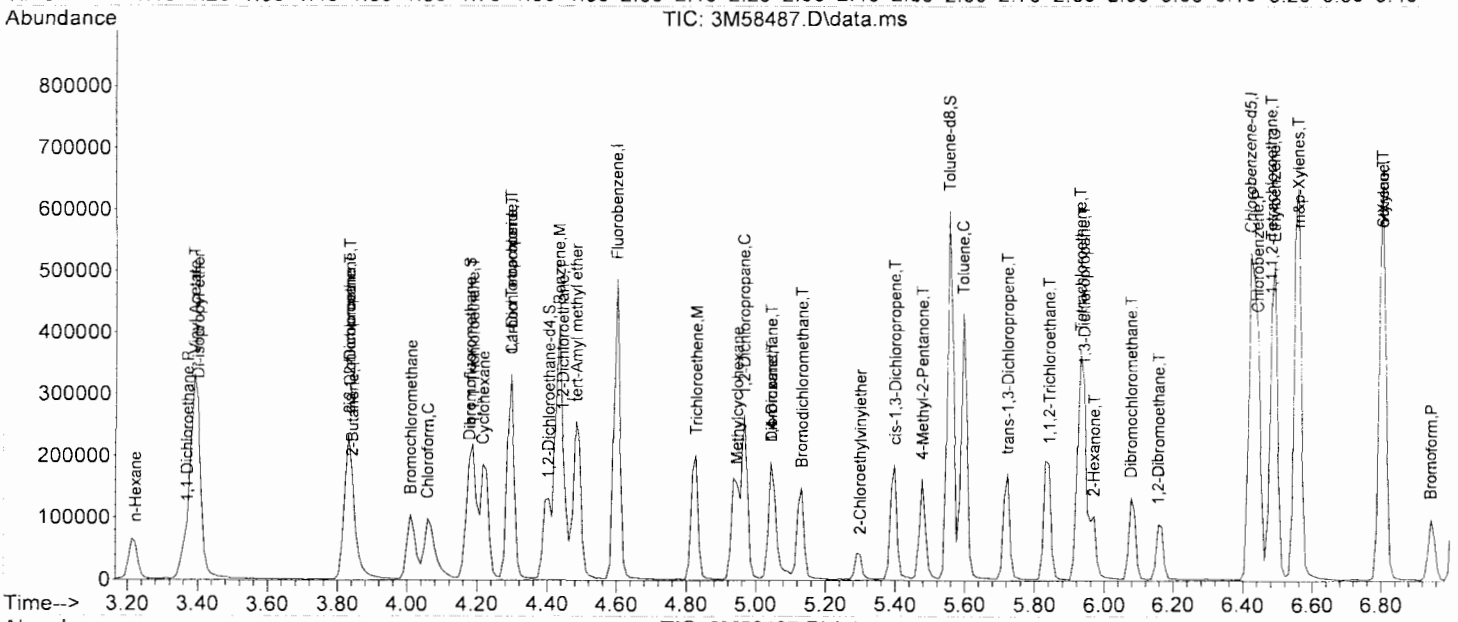
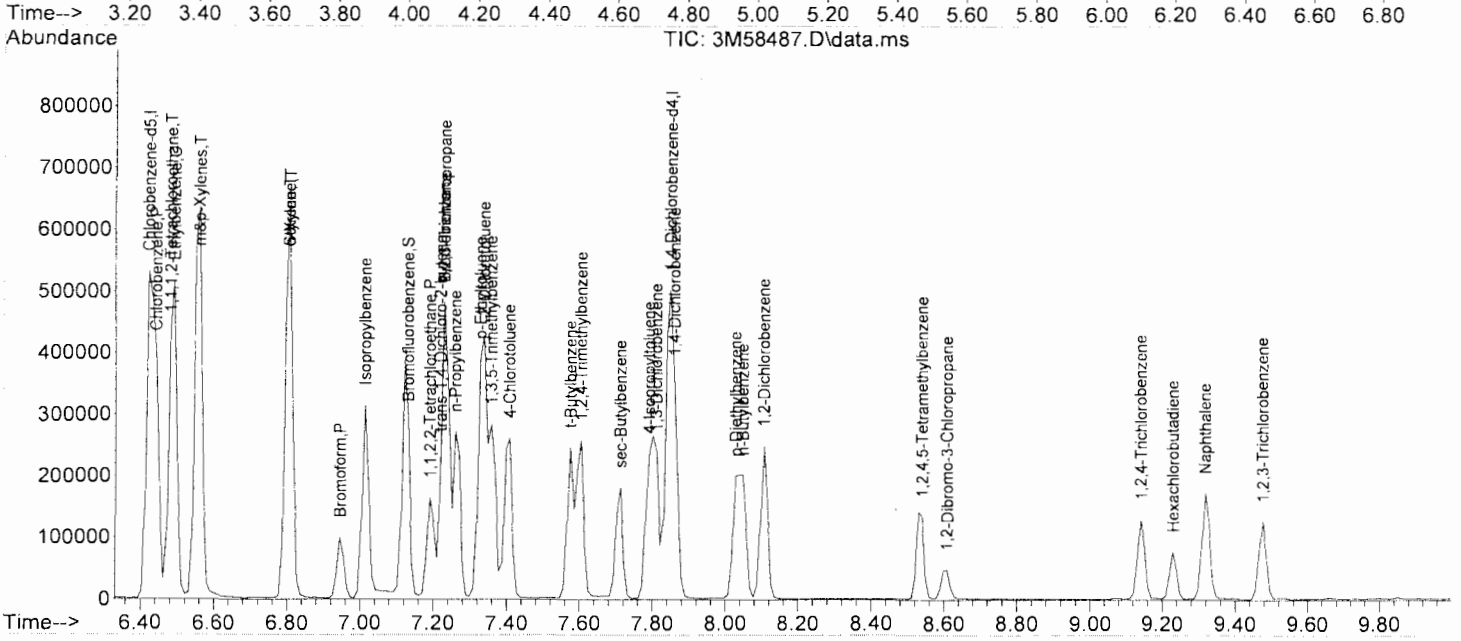
TIC: 3M58487.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 3M58487.D
Acq On : 01/22/09 12:07
Operator : WP
Sam Mult : 1 Vial# : 16
Misc : A,5ML!6
Qt Meth : 3M_A0113.M
Qt On : 01/22/09 12:21
Qt Upd On: 01/14/09 13:50
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichlorotrifluoroethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 3M58487.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Trichloroethene,M
Fluorobenzene,I
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 3M58487.D\data.ms
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

FORM 3

Spike Recovery

Batch Number: MBS11051
Mbs Name: MBS11051
Ns Name: AC42234-003
Ms Name: AC42234-003(MS)
Msd Name: AC42234-003(MSD

Mbs File: 3M58525.D
Non Spk'd File: 3M58439.D
Spike File: 3M58538.D
Spike Dup File: 3M58539.D
Matrix: Aqueous
Method: EPA 624

Mbs Date: 01/23/09 09:12
Non Spk'd Date: 01/21/09 15:17
Spike Date : 01/23/09 12:54
Spike Dup Date: 01/23/09 13:11

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Chloromethane	4	1	0	20	1	273	66	9.59	0.00	9.03	8.65	48	45	43	4.3
Bromomethane	5	1	0	20	1	242	42	12.63	0.00	13.61	14.77	63	68	74	8.2
Vinyl Chloride	6	1	0	20	1	251	30	9.89	0.00	10.08	10.46	49	50	52	3.7
Chloroethane	7	1	0	20	14	230	50	13.18	0.00	12.66	12.63	66	63	63	0.24
Trichlorofluoromethan	8	1	0	20	17	181	41	15.08	0.00	13.55	13.70	75	68	69	1.1
Methylene Chloride	10	1	0	20	1	221	38	18.87	0.00	18.33	20.06	94	92	100	9
1,1-Dichloroethene	19	1	0	20	1	234	34	17.18	0.00	18.39	18.58	86	92	93	1
1,1-Dichloroethane	22	1	0	20	59	155	30	17.95	0.00	18.61	19.25	90	93	96	3.4
trans-1,2-Dichloroeth	23	1	0	20	54	156	48	19.22	0.00	20.18	20.74	96	101	104	2.7
Chloroform	29	1	0	20	51	138	37	19.07	0.00	19.39	20.06	95	97	100	3.4
1,2-Dichloroethane	33	1	0	20	49	155	34	20.18	0.00	19.64	19.79	101	98	99	0.76
1,1,1-Trichloroethane	35	1	0	20	52	162	33	18.56	0.00	19.90	20.71	93	100	104	4
Carbon Tetrachloride	36	1	0	20	70	140	32	20.43	0.00	21.54	22.24	102	108	111	3.2
Bromodichloromethan	38	1	0	20	35	155	30	17.97	0.00	17.98	19.40	90	90	97	7.6
1,2-Dichloropropane	41	1	0	20	1	210	30	19.85	0.00	20.67	20.75	99	103	104	0.39
Trichloroethene	42	1	0	20	71	157	30	19.37	0.00	20.46	20.80	97	102	104	1.6
Benzene	43	1	0	20	37	151	29	20.84	0.00	20.32	20.70	104	102	104	1.9
Dibromochloromethan	46	1	0	20	53	149	30	17.96	0.00	17.12	18.84	90	86	94	9.6
2-Chloroethylvinylethe	47	1	0	20	1	305	40	8.08	0.00	0.00	0.00	40	0 Mo	0 Mo	NA^
cis-1,3-Dichloroprope	48	1	0	20	1	227	34	14.56	0.00	14.79	15.92	73	74	80	7.4
trans-1,3-Dichloropro	49	1	0	20	17	183	31	12.98	0.00	13.19	14.47	65	66	72	9.3
1,1,2-Trichloroethane	50	1	0	20	52	150	37	19.56	0.00	18.24	20.05	98	91	100	9.5
Tetrachloroethene	55	1	0	20	64	148	27	20.17	0.00	19.52	20.94	101	98	105	7
Toluene	57	1	0	20	47	150	33	21.13	0.00	20.28	21.72	106	101	109	6.9
Chlorobenzene	59	1	0	20	37	160	30	20.77	0.00	19.78	21.29	104	99	106	7.4
Bromoform	61	1	0	20	45	169	30	15.46	0.00	16.48	17.85	77	82	89	8
Ethylbenzene	62	1	0	20	37	162	41	19.48	0.00	25.44	23.62	97	127	118	7.4
1,1,2,2-Tetrachloroeth	63	1	0	20	46	157	29	18.61	0.00	17.99	19.10	93	90	96	6
1,3-Dichlorobenzene	69	1	0	20	59	156	30	19.02	0.00	18.86	20.11	95	94	101	6.4
1,4-Dichlorobenzene	70	1	0	20	18	190	30	18.21	0.00	17.74	19.07	91	89	95	7.2
1,2-Dichlorobenzene	71	1	0	20	18	190	34	18.93	0.00	18.61	20.25	95	93	101	8.4

Note:

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

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

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 3M58525.D
Acq On : 01/23/09 09:12

Operator : SG
Sam Mult : 1 Vial# : 6
Misc : A,5ML

Qt Meth : 3M_A0113.M
Qt On : 01/23/09 09:37
Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-23-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.592	96	201450	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.424	117	169204	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.842	152	97287	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.169	111	57756	28.83	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.10%		
32) 1,2-Dichloroethane-d4	4.395	102	12883	29.85	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.50%		
56) Toluene-d8	5.557	100	137709	29.20	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.33%		
64) Bromofluorobenzene	7.123	174	85060	28.54	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.13%		
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.325	85	10567	5.52	ug/l	98
4) Chloromethane	1.509	50	12507	9.59	ug/l	87
5) Bromomethane	1.792	94	4564	12.63	ug/l	95
6) Vinyl Chloride	1.542	62	11590	9.89	ug/l	97
7) Chloroethane	1.859	64	7521	13.18	ug/l	100
8) Trichlorofluoromethane	2.042	101	18991	15.08	ug/l	87
9) 1,1,2-Trichloro-1,2,2-...	2.426	101	25054	20.76	ug/l	97
10) Methylene Chloride	2.800	84	35373	18.87	ug/l	97
11) Acrolein	2.366	56	27318	54.11	ug/l	94
12) Acrylonitrile	3.007	53	19561	19.30	ug/l	92
13) Iodomethane	2.554	142	48754	22.22	ug/l	91
14) Acetone	2.485	43	107802	95.73	ug/l	90
15) Carbon Disulfide	2.613	76	88077	15.29	ug/l	100
16) t-Butyl Alcohol	2.898	59	9709	68.29	ug/l	88
17) n-Hexane	3.213	57	19279	18.28	ug/l	84
18) Di-isopropyl-ether	3.391	45	169221	19.12	ug/l	75
19) 1,1-Dichloroethene	2.435	61	56973	17.18	ug/l	84
20) Methyl Acetate	2.721	43	59712	19.06	ug/l	100
21) Methyl-t-butyl ether	3.007	73	47453	16.61	ug/l	67
22) 1,1-Dichloroethane	3.361	63	66111	17.95	ug/l	96
23) trans-1,2-Dichloroethene	3.026	96	28728	19.22	ug/l	94
24) cis-1,2-Dichloroethene	3.834	61	69693	19.26	ug/l	83
25) Bromochloromethane	4.001	49	58639	20.61	ug/l	90
26) 2,2-Dichloropropane	3.824	77	26640	17.73	ug/l	89
27) 1,4-Dioxane	5.045	88	29297	1097.49	ug/l	69
28) 1,1-Dichloropropene	4.287	75	53486	20.24	ug/l	96
29) Chloroform	4.060	83	64241	19.07	ug/l	99
31) Cyclohexane	4.218	56	53852	20.84	ug/l	78
33) 1,2-Dichloroethane	4.444	62	72633	20.18	ug/l	99
34) 2-Butanone	3.834	43	37744	19.86	ug/l	76
35) 1,1,1-Trichloroethane	4.188	97	41197	18.56	ug/l	100
36) Carbon Tetrachloride	4.297	117	39341	20.43	ug/l	83
37) Vinyl Acetate	3.391	43	145871	16.27	ug/l	100
38) Bromodichloromethane	5.124	83	55899	17.97	ug/l	97
39) Methylcyclohexane	4.937	83	32286	21.47	ug/l	80
40) Dibromomethane	5.045	174	35953	21.43	ug/l	94
41) 1,2-Dichloropropane	4.966	63	51503	19.85	ug/l	99
42) Trichloroethene	4.819	130	38832	19.37	ug/l	90
43) Benzene	4.425	78	157958	20.84	ug/l	100
44) tert-Amyl methyl ether	4.484	73	44363	17.25	ug/l	78
46) Dibromochloromethane	6.079	129	47471	17.96	ug/l	99
47) 2-Chloroethylvinylether	5.291	63	11768	8.08	ug/l	90
48) cis-1,3-Dichloropropene	5.390	75	55033	14.56	ug/l	94
49) trans-1,3-Dichloropropene	5.715	75	47068	12.98	ug/l	99
50) 1,1,2-Trichloroethane	5.833	97	41474	19.56	ug/l	91
51) 1,2-Dibromoethane	6.158	107	47203	18.47	ug/l	95
52) 1,3-Dichloropropane	5.932	76	82727	20.67	ug/l	94
53) 4-Methyl-2-Pentanone	5.479	43	81187	15.60	ug/l	94
54) 2-Hexanone	5.961	43	59269	14.73	ug/l	85
55) Tetrachloroethene	5.922	164	33010	20.17	ug/l	95
57) Toluene	5.597	92	98159	21.13	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.483	133	37931	21.60	ug/l	89
59) Chlorobenzene	6.444	112	112116	20.77	ug/l	95
61) Bromoform	6.946	173	34487	15.46	ug/l	100
62) Ethylbenzene	6.483	106	36104	19.48	ug/l	78
63) 1,1,2,2-Tetrachloroethane	7.192	83	70438	18.61	ug/l	85
65) Styrene	6.808	104	104612	19.96	ug/l	91
66) m&p-Xylenes	6.552	106	120891	42.19	ug/l	91
67) o-Xylene	6.798	106	58386	20.25	ug/l	82

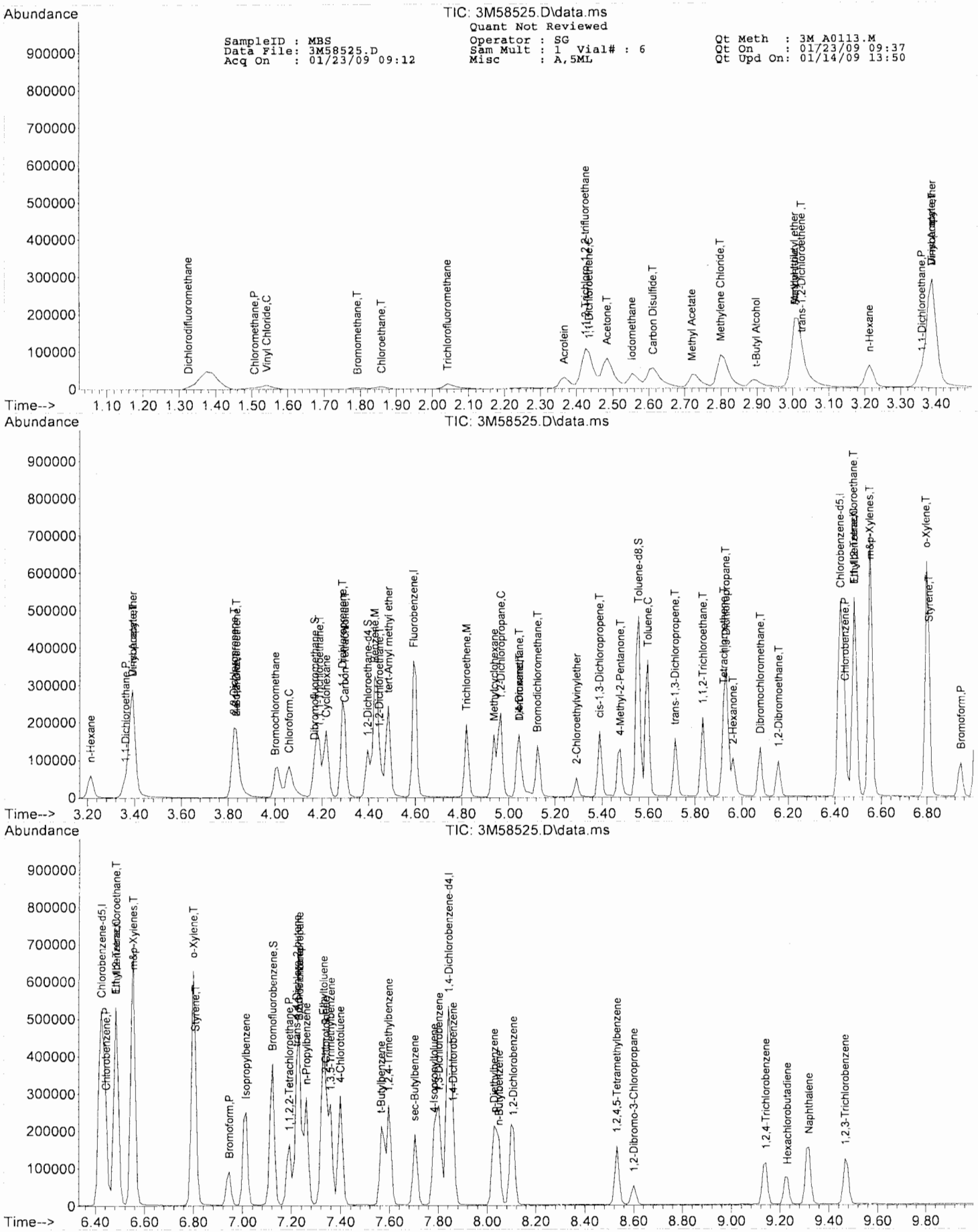
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : SG Qt Meth : 3M_A0113.M
Data File: 3M58525.D Sam Mult : 1 Vial# : 6 Qt On : 01/23/09 09:37
Acq On : 01/23/09 09:12 Misc : A,5ML Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-23-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	7.222	53	31405	20.89 ug/l	43
69) 1,3-Dichlorobenzene	7.803	146	79065	19.02 ug/l	96
70) 1,4-Dichlorobenzene	7.862	146	80991	18.21 ug/l	93
71) 1,2-Dichlorobenzene	8.108	146	79715	18.93 ug/l	98
72) Isopropylbenzene	7.015	105	127757	20.57 ug/l	99
74) 1,2,3-Trichloropropane	7.232	75	78267	19.71 ug/l	93
75) 2-Chlorotoluene	7.340	91	88248	18.11 ug/l	97
76) p-Ethyltoluene	7.330	105	114117	20.07 ug/l	97
77) 4-Chlorotoluene	7.399	91	103496	20.72 ug/l	97
78) n-Propylbenzene	7.261	91	161348	19.01 ug/l	99
79) Bromobenzene	7.232	77	115429	19.87 ug/l	85
80) 1,3,5-Trimethylbenzene	7.360	105	105029	20.22 ug/l	63
81) t-Butylbenzene	7.567	119	82868	19.59 ug/l	91
82) 1,2,4-Trimethylbenzene	7.596	105	112150	19.66 ug/l	94
83) sec-Butylbenzene	7.704	105	94614	17.42 ug/l	95
84) 4-Isopropyltoluene	7.783	119	82097	20.69 ug/l	98
85) n-Butylbenzene	8.049	91	99119	19.63 ug/l	95
86) p-Diethylbenzene	8.029	119	47694	19.80 ug/l	98
87) 1,2,4,5-Tetramethylben...	8.532	119	64170	14.50 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.601	157	10788	11.57 ug/l	92
89) Hexachlorobutadiene	9.231	225	15889	16.52 ug/l	98
90) 1,2,4-Trichlorobenzene	9.142	180	35875	16.09 ug/l	99
91) 1,2,3-Trichlorobenzene	9.467	180	37667	16.81 ug/l	97
92) Naphthalene	9.320	128	108220	15.86 ug/l	100

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


Abundance
TIC: 3M58525.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 3M58525.D
Acq On : 01/23/09 09:12
Operator : SG
Sam Mult : 1 Vial# : 6
Misc : A,5ML
Qt Meth : 3M_A0113.M
Qt On : 01/23/09 09:37
Qt Upd On: 01/14/09 13:50
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 3M58525.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
Carbon Tetrachloride,T
1,2-Dichloroethane-d4,S
1,2-Dichloroethane,M
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
1,2-Dichloropropane,C
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Time-->

Abundance
TIC: 3M58525.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42234-003(MS) Operator : SG Qt Meth : 3M_A0113.M
Data File: 3M58538.D Sam Mult : 1 Vial# : 18 Qt On : 01/23/09 13:11
Acq On : 01/23/09 12:54 Misc : A,5ML!3 Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-23-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.602	96	223904	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.424	117	191611	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.852	152	103862	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.178	111	68087	30.58	ug/l	0.02
Spiked Amount 30.000			Recovery = 101.93%			
32) 1,2-Dichloroethane-d4	4.405	102	14391	30.00	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.00%			
56) Toluene-d8	5.557	100	151124	28.29	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.30%			
64) Bromofluorobenzene	7.133	174	92313	29.02	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.73%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.341	85	10214	4.80	ug/l	91
4) Chloromethane	1.508	50	13084	9.03	ug/l	78
5) Bromomethane	1.791	94	5466	13.61	ug/l	91
6) Vinyl Chloride	1.541	62	13131	10.08	ug/l	99
7) Chloroethane	1.858	64	8028	12.66	ug/l	93
8) Trichlorofluoromethane	2.041	101	18974	13.55	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.425	101	28736	21.43	ug/l	97
10) Methylene Chloride	2.809	84	38177	18.33	ug/l	97
11) Acrolein	2.366	56	31394	55.94	ug/l	99
12) Acrylonitrile	3.006	53	21305	18.91	ug/l	92
13) Iodomethane	2.563	142	57192	23.45	ug/l	98
14) Acetone	2.484	43	112412	89.81	ug/l	95
15) Carbon Disulfide	2.612	76	109305	17.07	ug/l	100
16) t-Butyl Alcohol	2.898	59	10727	67.89	ug/l	82
17) n-Hexane	3.223	57	22296	19.02	ug/l	81
18) Di-isopropyl-ether	3.400	45	187259	19.04	ug/l	78
19) 1,1-Dichloroethene	2.435	61	67806	18.39	ug/l	86
20) Methyl Acetate	2.730	43	62121	17.84	ug/l	100
21) Methyl-t-butyl ether	3.016	73	52935	16.67	ug/l	71
22) 1,1-Dichloroethane	3.371	63	76196	18.61	ug/l	97
23) trans-1,2-Dichloroethene	3.026	96	33538	20.18	ug/l	95
24) cis-1,2-Dichloroethene	3.833	61	75974	18.89	ug/l	81
25) Bromochloromethane	4.011	49	64945	20.54	ug/l	94
26) 2,2-Dichloropropane	3.833	77	32494	19.46	ug/l	89
27) 1,4-Dioxane	5.045	88	27570	929.23	ug/l	55
28) 1,1-Dichloropropene	4.296	75	62341	21.22	ug/l	98
29) Chloroform	4.060	83	72595	19.39	ug/l	99
31) Cyclohexane	4.218	56	59060	20.56	ug/l	80
33) 1,2-Dichloroethane	4.444	62	78574	19.64	ug/l	93
34) 2-Butanone	3.843	43	54529	25.81	ug/l	81
35) 1,1,1-Trichloroethane	4.188	97	49075	19.90	ug/l	100
36) Carbon Tetrachloride	4.296	117	46107	21.54	ug/l	88
37) Vinyl Acetate	3.390	43	166236	16.68	ug/l	100
38) Bromodichloromethane	5.133	83	62175	17.98	ug/l	97
39) Methylcyclohexane	4.946	83	36732	21.98	ug/l	84
40) Dibromomethane	5.055	174	40148	21.53	ug/l	93
41) 1,2-Dichloropropane	4.966	63	59591	20.67	ug/l	97
42) Trichloroethene	4.828	130	45580	20.46	ug/l	97
43) Benzene	4.434	78	171195	20.32	ug/l	100
44) tert-Amyl methyl ether	4.493	73	47536	16.63	ug/l	79
46) Dibromochloromethane	6.079	129	51268	17.12	ug/l	95
48) cis-1,3-Dichloropropene	5.399	75	63333	14.79	ug/l	96
49) trans-1,3-Dichloropropene	5.724	75	54183	13.19	ug/l	100
50) 1,1,2-Trichloroethane	5.843	97	43793	18.24	ug/l	94
51) 1,2-Dibromoethane	6.168	107	50331	17.39	ug/l	100
52) 1,3-Dichloropropane	5.941	76	90357	19.94	ug/l	91
53) 4-Methyl-2-Pentanone	5.478	43	81656	13.86	ug/l	95
54) 2-Hexanone	5.971	43	59616	13.09	ug/l	90
55) Tetrachloroethene	5.931	164	36185	19.52	ug/l	96
57) Toluene	5.596	92	106677	20.28	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.483	133	41882	21.06	ug/l	89
59) Chlorobenzene	6.443	112	120923	19.78	ug/l	95
61) Bromoform	6.946	173	39258	16.48	ug/l	100
62) Ethylbenzene	6.493	106	50344	25.44	ug/l	92
63) 1,1,2,2-Tetrachloroethane	7.192	83	72685	17.99	ug/l	87
65) Styrene	6.808	104	114105	20.40	ug/l	100
66) m&p-Xylenes	6.562	106	130129	42.54	ug/l	94
67) o-Xylene	6.808	106	65015	21.12	ug/l	83
68) trans-1,4-Dichloro-2-b...	7.221	53	31532	19.65	ug/l	45

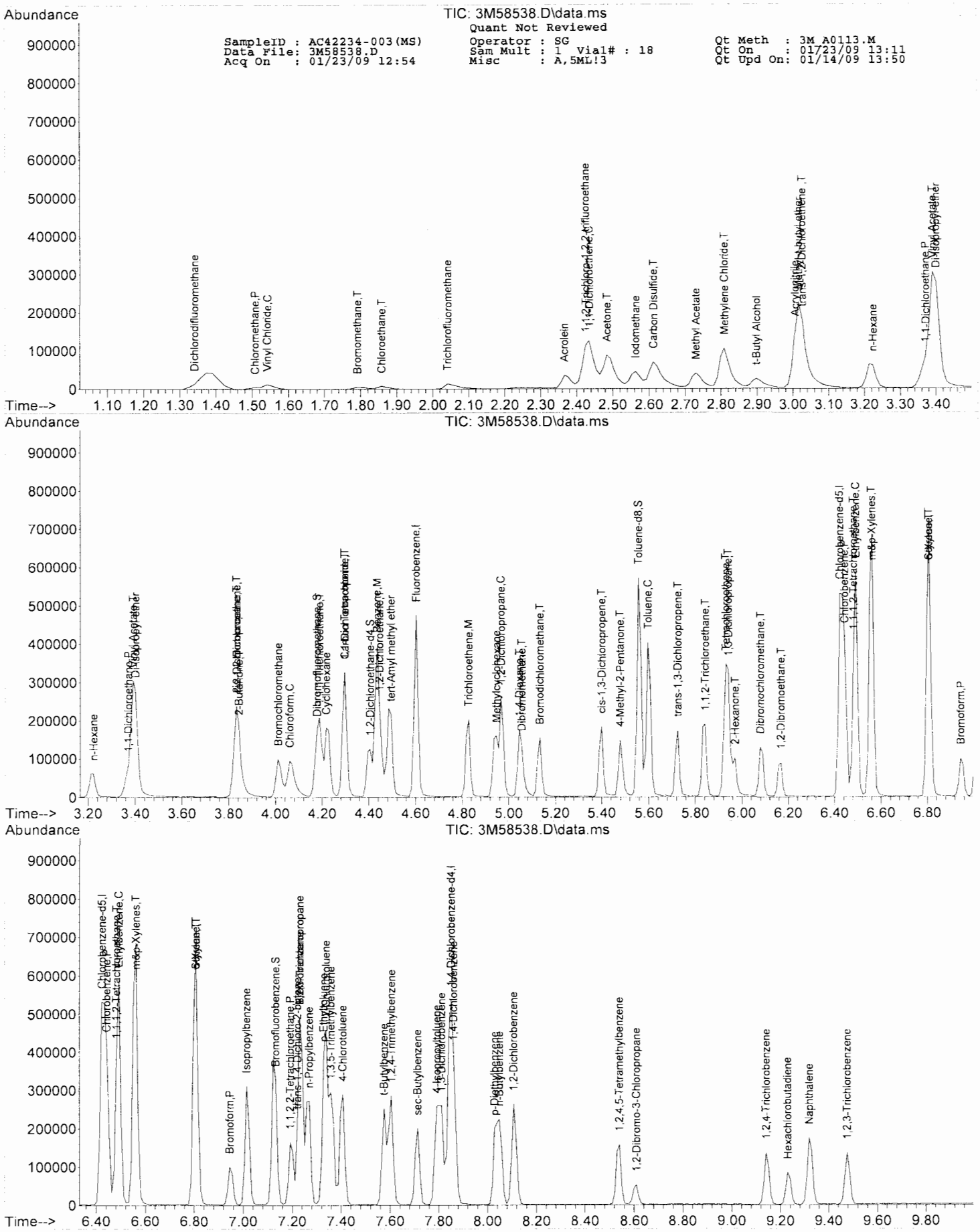
Quantitation Report (Not Reviewed)

SampleID : AC42234-003(MS) Operator : SG Qt Meth : 3M_A0113.M
Data File: 3M58538.D Sam Mult : 1 Vial# : 18 Qt On : 01/23/09 13:11
Acq On : 01/23/09 12:54 Misc : A,5ML!3 Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-23-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69)	1,3-Dichlorobenzene	7.812	146	83700	18.86	ug/l	97
70)	1,4-Dichlorobenzene	7.862	146	84212	17.74	ug/l	93
71)	1,2-Dichlorobenzene	8.108	146	83632	18.61	ug/l	97
72)	Isopropylbenzene	7.015	105	141548	21.34	ug/l	99
74)	1,2,3-Trichloropropane	7.231	75	80242	18.92	ug/l	92
75)	2-Chlorotoluene	7.340	91	107688	20.69	ug/l	97
76)	p-Ethyltoluene	7.330	105	134840	22.22	ug/l	95
77)	4-Chlorotoluene	7.409	91	104472	19.59	ug/l	98
78)	n-Propylbenzene	7.271	91	179519	19.82	ug/l	98
79)	Bromobenzene	7.231	77	121757	19.63	ug/l	86
80)	1,3,5-Trimethylbenzene	7.359	105	106518	19.20	ug/l	90
81)	t-Butylbenzene	7.576	119	95693	21.19	ug/l	93
82)	1,2,4-Trimethylbenzene	7.606	105	119834	19.68	ug/l	96
83)	sec-Butylbenzene	7.714	105	104889	18.09	ug/l	94
84)	4-Isopropyltoluene	7.793	119	88000	20.77	ug/l	99
85)	n-Butylbenzene	8.049	91	106279	19.72	ug/l	98
86)	p-Diethylbenzene	8.029	119	52306	20.34	ug/l	92
87)	1,2,4,5-Tetramethylben...	8.541	119	72845	15.42	ug/l	99
88)	1,2-Dibromo-3-Chloropr...	8.610	157	11628	11.68	ug/l	100
89)	Hexachlorobutadiene	9.231	225	16969	16.53	ug/l	100
90)	1,2,4-Trichlorobenzene	9.142	180	39302	16.51	ug/l	98
91)	1,2,3-Trichlorobenzene	9.477	180	38304	16.02	ug/l	97
92)	Naphthalene	9.319	128	119896	16.46	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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TIC: 3M58538.D\data.ms
Quant Not Reviewed
SampleID : AC42234-003(MS)
Data File: 3M58538.D
Acq On : 01/23/09 12:54
Operator : SG
Sam Mult : 1 Vial# : 18
Misc : A,5ML!3
Qt Meth : 3M_A0113.M
Qt On : 01/23/09 13:11
Qt Upd On: 01/14/09 13:50
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 3M58538.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Time-->

Abundance
TIC: 3M58538.D\data.ms
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42234-003(MSD) Operator : SG Qt Meth : 3M_A0113.M
Data File: 3M58539.D Sam Mult : 1 Vial# : 19 Qt On : 01/23/09 13:46
Acq On : 01/23/09 13:11 Misc : A,5ML!3 Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-23-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.601	96	216555	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.423	117	176711	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.851	152	96703	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.178	111	63560	29.52	ug/l	0.02
Spiked Amount 30.000			Recovery =	98.40%		
32) 1,2-Dichloroethane-d4	4.404	102	14061	30.30	ug/l	0.00
Spiked Amount 30.000			Recovery =	101.00%		
56) Toluene-d8	5.557	100	143549	29.14	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.13%		
64) Bromofluorobenzene	7.132	174	86973	29.36	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.87%		
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.330	85	10396	5.05	ug/l	96
4) Chloromethane	1.513	50	12123	8.65	ug/l	96
5) Bromomethane	1.796	94	5737	14.77	ug/l	97
6) Vinyl Chloride	1.546	62	13176	10.46	ug/l	100
7) Chloroethane	1.863	64	7745	12.63	ug/l	92
8) Trichlorofluoromethane	2.046	101	18557	13.70	ug/l	94
9) 1,1,2-Trichloro-1,2,2-...	2.425	101	28610	22.06	ug/l	96
10) Methylene Chloride	2.809	84	40414	20.06	ug/l	90
11) Acrolein	2.366	56	32392	59.68	ug/l	99
12) Acrylonitrile	3.016	53	23341	21.42	ug/l	87
13) Iodomethane	2.563	142	56474	23.94	ug/l	86
14) Acetone	2.484	43	115093	95.08	ug/l	93
15) Carbon Disulfide	2.612	76	111914	18.07	ug/l	100
16) t-Butyl Alcohol	2.897	59	11618	76.02	ug/l	89
17) n-Hexane	3.222	57	21300	18.78	ug/l	80
18) Di-isopropyl-ether	3.400	45	191138	20.10	ug/l	76
19) 1,1-Dichloroethene	2.435	61	66243	18.58	ug/l	84
20) Methyl Acetate	2.730	43	64141	19.04	ug/l	100
21) Methyl-t-butyl ether	3.016	73	53267	17.35	ug/l	68
22) 1,1-Dichloroethane	3.370	63	76248	19.25	ug/l	97
23) trans-1,2-Dichloroethene	3.025	96	33331	20.74	ug/l	89
24) cis-1,2-Dichloroethene	3.833	61	78684	20.23	ug/l	78
25) Bromochloromethane	4.010	49	53713	17.56	ug/l	93
26) 2,2-Dichloropropane	3.833	77	31429	19.46	ug/l	89
27) 1,4-Dioxane	5.044	88	29984	1044.88	ug/l	62
28) 1,1-Dichloropropene	4.296	75	63024	22.18	ug/l	98
29) Chloroform	4.069	83	72614	20.06	ug/l	97
31) Cyclohexane	4.227	56	60789	21.88	ug/l	80
33) 1,2-Dichloroethane	4.454	62	76571	19.79	ug/l	99
34) 2-Butanone	3.843	43	57669	28.22	ug/l	77
35) 1,1,1-Trichloroethane	4.188	97	49415	20.71	ug/l	99
36) Carbon Tetrachloride	4.296	117	46031	22.24	ug/l	87
37) Vinyl Acetate	3.390	43	165909	17.21	ug/l	100
38) Bromodichloromethane	5.133	83	64860	19.40	ug/l	100
39) Methylcyclohexane	4.946	83	36060	22.31	ug/l	82
40) Dibromomethane	5.054	174	40331	22.37	ug/l	92
41) 1,2-Dichloropropane	4.966	63	57860	20.75	ug/l	97
42) Trichloroethene	4.828	130	44814	20.80	ug/l	91
43) Benzene	4.434	78	168612	20.70	ug/l	100
44) tert-Amyl methyl ether	4.493	73	49052	17.75	ug/l	79
46) Dibromochloromethane	6.088	129	52006	18.84	ug/l	98
48) cis-1,3-Dichloropropene	5.399	75	62862	15.92	ug/l	95
49) trans-1,3-Dichloropropene	5.724	75	54793	14.47	ug/l	98
50) 1,1,2-Trichloroethane	5.842	97	44395	20.05	ug/l	97
51) 1,2-Dibromoethane	6.167	107	50303	18.84	ug/l	90
52) 1,3-Dichloropropane	5.941	76	89967	21.52	ug/l	93
53) 4-Methyl-2-Pentanone	5.478	43	84699	15.58	ug/l	94
54) 2-Hexanone	5.970	43	60070	14.30	ug/l	94
55) Tetrachloroethene	5.931	164	35793	20.94	ug/l	92
57) Toluene	5.596	92	105385	21.72	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.482	133	41612	22.69	ug/l	91
59) Chlorobenzene	6.443	112	120005	21.29	ug/l	95
61) Bromoform	6.945	173	39596	17.85	ug/l	95
62) Ethylbenzene	6.492	106	43520	23.62	ug/l	77
63) 1,1,2,2-Tetrachloroethane	7.191	83	71830	19.10	ug/l	85
65) Styrene	6.807	104	111676	21.44	ug/l	97
66) m&p-Xylenes	6.561	106	127440	44.74	ug/l	91
67) o-Xylene	6.807	106	64621	22.54	ug/l	91
68) trans-1,4-Dichloro-2-b...	7.231	53	34636	23.18	ug/l	34

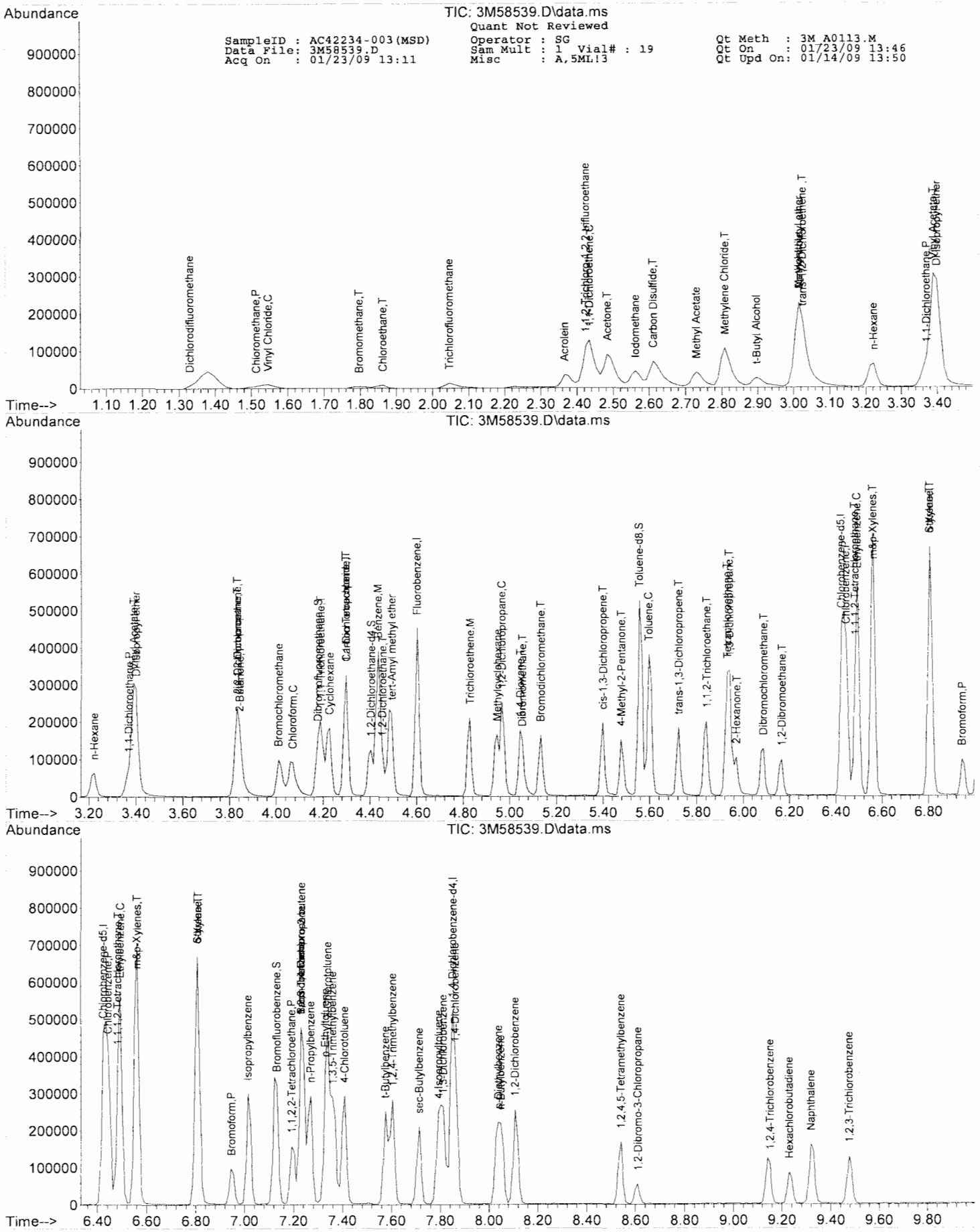
Quantitation Report (Not Reviewed)

SampleID : AC42234-003(MSD) Operator : SG Qt Meth : 3M_A0113.M
Data File: 3M58539.D Sam Mult : 1 Vial# : 19 Qt On : 01/23/09 13:46
Acq On : 01/23/09 13:11 Misc : A,5ML!3 Qt Upd On: 01/14/09 13:50

Data Path : G:\GcMsData\2009\GCMS_3\Data\01-23-09\
Qt Path : G:\GCMSDATA\2008\GCMS_3\METHODS\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
69) 1,3-Dichlorobenzene	7.812	146	83115	20.11 ug/l	97
70) 1,4-Dichlorobenzene	7.861	146	84287	19.07 ug/l	93
71) 1,2-Dichlorobenzene	8.107	146	84731	20.25 ug/l	98
72) Isopropylbenzene	7.014	105	138364	22.41 ug/l	98
74) 1,2,3-Trichloropropane	7.231	75	78775	19.95 ug/l	94
75) 2-Chlorotoluene	7.339	91	106312	21.94 ug/l	96
76) p-Ethyltoluene	7.329	105	132349	23.42 ug/l	95
77) 4-Chlorotoluene	7.408	91	103832	20.92 ug/l	98
78) n-Propylbenzene	7.270	91	181340	21.50 ug/l	97
79) Bromobenzene	7.231	77	123169	21.33 ug/l	86
80) 1,3,5-Trimethylbenzene	7.359	105	108902	21.09 ug/l	57
81) t-Butylbenzene	7.576	119	93811	22.31 ug/l	95
82) 1,2,4-Trimethylbenzene	7.605	105	118142	20.84 ug/l	95
83) sec-Butylbenzene	7.713	105	105480	19.53 ug/l	93
84) 4-Isopropyltoluene	7.792	119	87790	22.25 ug/l	97
85) n-Butylbenzene	8.048	91	104017	20.73 ug/l	99
86) p-Diethylbenzene	8.038	119	51355	21.45 ug/l	86
87) 1,2,4,5-Tetramethylben...	8.541	119	72538	16.49 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.610	157	11418	12.32 ug/l	95
89) Hexachlorobutadiene	9.230	225	16938	17.72 ug/l	98
90) 1,2,4-Trichlorobenzene	9.151	180	38686	17.46 ug/l	99
91) 1,2,3-Trichlorobenzene	9.476	180	37836	16.99 ug/l	98
92) Naphthalene	9.319	128	112740	16.63 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : AC42234-003(MSD)
Data File: 3M58539.D
Acq On : 01/23/09 13:11
Operator : SG
Sam Mult : 1 Vial# : 19
Misc : A,5ML;3
Qt Meth : 3M_A0113.M
Qt On : 01/23/09 13:46
Qt Upd On: 01/14/09 13:50
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 3M58539.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Benzene,M
1,2-Dichloroethane,T
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Time-->

Abundance
TIC: 3M58539.D\data.ms
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

GC/MS Volatile Data
Logbook Data

RUN LOG

1-1-3M58155

Instrument: GCMS_3 Year: 2001 21
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M58155.	BFB TUNE		OK,V-57566,V-56379,V-58319	DB						01/13 08:15
3M58156.	BLK	IsCnAnc	-	DB		Aqueous	1	1	624 8260	01/13 08:25
3M58157.	CAL @ 1 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 08:54
3M58158.	CAL @ 0.5 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 09:14
3M58159.	CAL @ 5 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 09:33
3M58160.	CAL @ 500 PPB	Oc	B-4993	DB		Aqueous	1	1	624 8260	01/13 09:50
3M58161.	CAL @ 250 PPB	Oc	B-4993	DB		Aqueous	1	1	624 8260	01/13 10:07
3M58162.	CAL @ 100 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 10:24
3M58163.	CAL @ 50 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 10:41
3M58164.	CAL @ 20 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 10:59
3M58165.	CAL @ 10 PPB		B-4993	DB		Aqueous	1	1	624 8260	01/13 11:17
3M58166.	BLK		-	DB		Aqueous	1	1	624 8260	01/13 11:36
3M58167.	ICV	Ivo	V-58910	DB		Aqueous	1	1	624 8260	01/13 12:03
3M58168.	BLK		-	DB		Aqueous	1	1	624 8260	01/13 12:20
3M58169.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	01/13 12:37
3M58170.	DAILY BLANK		OK	DB		Methano	1	1	8260	01/13 12:55
3M58171.	MBS10953		OK MBS10953	DB		Aqueous	1	1	624 8260	01/13 13:12
3M58172.	MBS10954		OK MBS10954	DB		Methano	1	1	8260	01/13 13:29
3M58173.	BLK		-	DB		Aqueous	1	1	624 8260	01/13 13:46
3M58174.	AC42112-001		OK	DB	VO10-8260	Aqueous	1	1	8260	01/13 14:03
3M58175.	AC42112-002		OK	DB	VO10-8260	Aqueous	1	1	8260	01/13 14:20
3M58176.	AC42116-004		RR-1X see below	DB	VO-8260	Aqueous	1	1	8260	01/13 14:37
3M58177.	AC42051-001(T)	Eto	OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/13 14:55
3M58178.	AC42051-002(T)	Eto	OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/13 15:12
3M58179.	AC42051-003(T)	S8Eto	RR-1X	DB	VOTCLP-826	Aqueous	1	1	8260	01/13 15:29
3M58180.	AC42051-004(T)	Eto	OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/13 15:46
3M58181.	EF-1-V-58362(011309)		OK	DB		Aqueous	1	1130	8260	01/13 16:03
3M58182.	BLK		-	DB		Aqueous	1	1	624 8260	01/13 16:20
3M58183.	AC42116-004		OK	DB	VO-8260	Aqueous	1	1	8260	01/13 16:37
3M58184.	AC42104-013		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/13 16:54
3M58185.	AC42104-011		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/13 17:11
3M58186.	AC42108-006		OK	DB	VO10-624	Aqueous	1	1	624	01/13 17:28
3M58187.	AC42104-010		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/13 17:45
3M58188.	AC42104-012		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/13 18:02
3M58189.	AC42101-001		OK	DB	VO10-624	Aqueous	1	1	624	01/13 18:19
3M58190.	AC42101-002		OK	DB	VO10-624	Aqueous	1	1	624	01/13 18:36

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tstn/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tstn Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Columo 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Columo 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Rntention Time Out Or %Diff Out
C26	Calibration Columo 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C28	Calibration Columo 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endioo Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Columo 1 or Columo 2 Cals or Init Cals	M16 M26	Snike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Snike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Snike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Snike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckoreprund	Mnc	Snike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginnino Calibratino
En	Eval Time Not Checked	Or	Warning Compound(s) Over Calibration	Tmw	If for 600 ser. Too many samples begin Calibration

RUN LOG

Instrument: GCMS_3 Year: 2001 22
Analyst: WP

1-1-3M58412

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M58412.	BFB TUNE		OK,V-57566,V-58441,V-59355,V-59382	WP						01/21 06:42
3M58413.	CAL @ 20 PPB		OK	WP		Aqueous	1	1	624 8260	01/21 06:53
3M58414.	BLK		-	WP		Aqueous	1	1	624 8260	01/21 07:15
3M58415.	DAILY BLANK		OK	WP		Methano	1	1	8260	01/21 07:32
3M58416.	DAILY BLANK		OK	WP		Aqueous	1	1	624 8260	01/21 07:52
3M58417.	MBS11021		- MBS11021	WP		Aqueous	1	1	624 8260	01/21 08:11
3M58418.	MBS11020		OK MBS11020	WP		Methano	1	1	8260	01/21 08:28
3M58419.	AC42234-038(10X)		OK	WP	VOBTEX-624	Aqueous	1	10	624	01/21 08:48
3M58420.	AC42234-029		OK	WP	VOBTEX-624	Aqueous	1	1	624	01/21 09:06
3M58421.	MBS11024		OK MBS11024	WP		Aqueous	1	1	624 8260	01/21 09:23
3M58422.	42196-003(10000X)		-	WP		Aqueous	1	1000	624 8260	01/21 09:44
3M58423.	BLK		-	WP		Aqueous	1	1	624 8260	01/21 10:01
3M58424.	AC42232-003		OK	WP	VO10-624	Aqueous	1	1	624	01/21 10:18
3M58425.	AC42234-021(10X)		OK	WP	VOBTEX-624	Aqueous	1	10	624	01/21 10:38
3M58426.	AC42234-003(10X)		RR-1X see below	WP	VOBTEX-624	Aqueous	1	10	624	01/21 10:59
3M58427.	AC42234-017(10X)		RR-1X see below	WP	VOBTEX-624	Aqueous	1	10	624	01/21 11:20
3M58428.	AC42234-036(10X)	Oc	RR-100X,see below	WP	VOBTEX-624	Aqueous	1	10	624	01/21 11:41
3M58429.	AC42234-030(20X)		RR-1X see below	WP	VOBTEX-624	Aqueous	1	20	624	01/21 12:03
3M58430.	AC42234-039(20X)		OK	WP	VOBTEX-624	Aqueous	1	20	624	01/21 12:23
3M58431.	AC42234-034(20X)		RR-1X see below	WP	VOBTEX-624	Aqueous	1	20	624	01/21 12:43
3M58432.	AC42234-006(50X)		RR-1X see below	WP	VOBTEX-624	Aqueous	1	50	624	01/21 13:04
3M58433.	AC42234-031(50X)		OK	WP	VOBTEX-624	Aqueous	1	50	624	01/21 13:25
3M58434.	AC42234-032(50X)		OK	WP	VOBTEX-624	Aqueous	1	50	624	01/21 13:46
3M58435.	AC42234-035(50X)		OK	WP	VOBTEX-624	Aqueous	1	50	624	01/21 14:07
3M58436.	MBS11028		OK MBS11028	WP		Aqueous	1	1	624 8260	01/21 14:25
3M58437.	AC42234-002(MS)		OK MBS11024	WP	VOBTEX-624	Aqueous	1	1	624 8260	01/21 14:42
3M58438.	AC42234-002(MSD)		OK MBS11024	WP	VOBTEX-624	Aqueous	1	1	624 8260	01/21 14:59
3M58439.	AC42234-003		OK	WP	VOBTEX-624	Aqueous	1	1	624	01/21 15:17
3M58440.	AC42234-017		OK	WP	VOBTEX-624	Aqueous	1	1	624	01/21 15:34
3M58441.	AC42234-030(5X)		OK	WP	VOBTEX-624	Aqueous	1	5	624	01/21 15:54
3M58442.	AC42234-036(100X)		OK	WP	VOBTEX-624	Aqueous	1	100	624	01/21 16:16
3M58443.	AC42234-006		OK	WP	VOBTEX-624	Aqueous	1	1	624	01/21 16:35
3M58444.	AC42234-034		OK	WP	VOBTEX-624	Aqueous	1	1	624	01/21 16:52
3M58445.	BLK		-	WP		Aqueous	1	1	624 8260	01/21 17:10
3M58446.	AC42223-002		OK	WP	VO10-624	Aqueous	1	1	624	01/21 17:27
3M58447.	AC42223-003		OK	WP	VO10-624	Aqueous	1	1	624	01/21 17:44
3M58448.	AC42223-004		OK	WP	VO10-624	Aqueous	1	1	624	01/21 18:01
3M58449.	AC42223-005		OK	WP	VO10-624	Aqueous	1	1	624	01/21 18:18
3M58450.	AC42223-006		OK	WP	VO10-624	Aqueous	1	1	624	01/21 18:36
3M58451.	MBS11029	Ti8	OK MBS11029	WP		Aqueous	1	1	624 8260	01/21 18:53
3M58452.	AC42169-003(MS)	Ti8	OK MBS11029	WP	VO-8260	Aqueous	1	1	624 8260	01/21 19:10
3M58453.	AC42169-003(MSD)	Ti8	OK MBS11029	WP	VO-8260	Aqueous	1	1	624 8260	01/21 19:27
3M58454.	BLK	Ti8	-	WP		Aqueous	1	1	624 8260	01/21 19:44
3M58455.	BLK	Ti8	-	WP		Aqueous	1	1	624 8260	01/21 20:01
3M58456.	BLK	Ti8	OK	WP		Aqueous	1	1	624 8260	01/21 20:18
3M58457.	MBS11030	Ti8	OK MBS11030	WP		Aqueous	1	1	624 8260	01/21 20:35
3M58458.	MBS11031	Ti8	OK MBS11031	WP		Aqueous	1	1	624 8260	01/21 20:52
3M58459.	BLK	Ti8	-	WP		Aqueous	1	1	624 8260	01/21 21:10
3M58460.	AC42236-002		OK	WP	VO10-624	Aqueous	1	1	624	01/21 21:27
3M58461.	AC42236-003		OK	WP	VO10-624	Aqueous	1	1	624	01/21 21:44
3M58462.	AC42236-004		OK	WP	VO10-624	Aqueous	1	1	624	01/21 22:01
3M58463.	AC42146-001(MS)	Ti8	OK MBS11031	WP	VO10-624	Aqueous	1	1	624 8260	01/21 22:19
3M58464.	AC42146-001(MSD)	Ti8	OK MBS11031	WP	VO10-624	Aqueous	1	1	624 8260	01/21 22:36
3M58465.	BLK	Ti8	-	WP		Aqueous	1	1	624 8260	01/21 22:54
3M58466.	BLK	Ti8	-	WP		Aqueous	1	1	624 8260	01/21 23:11
3M58467.	BLK	Ti8	-	WP		Aqueous	1	1	624 8260	01/21 23:28

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tele/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tele Extraction Performed Outside of Hold	Evrc	Eval Mix missing dflt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt csv for init calibration chek rls	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cmo	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal filn <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	Problem Checking Prep/rundates modcheckprerunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_3 Year: 2001 23
Analyst: WP

1-1-3M58470

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M58470.	BFB TUNE		OK,V-57566,V-59458,V-56379,V-~~58355~~ 59355	DB						01/22 07:09
3M58471.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	01/22 07:19
3M58472.	BLK		-	DB		Aqueous	1	1	624 8260	01/22 07:42
3M58473.	DAILY BLANK		OK	DB		Methano	1	1	8260	01/22 07:59
3M58474.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	01/22 08:16
3M58475.	MBS11035		OK MBS11035	DB		Methano	1	1	8260	01/22 08:33
3M58476.	MBS11036		OK MBS11036	DB		Aqueous	1	1	624 8260	01/22 08:50
3M58477.	BLK		-	DB		Aqueous	1	1	624 8260	01/22 09:07
3M58478.	AC42282-009		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/22 09:26
3M58479.	AC42282-011		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/22 09:43
3M58480.	AC42282-007	Oc	RR-20X see below	DB	VOBTEX-624	Aqueous	1	1	624	01/22 10:01
3M58481.	AC42282-005	Oc	RR-20X see below	DB	VOBTEX-624	Aqueous	1	1	624	01/22 10:18
3M58482.	AC42282-003		RR-1X - CO see below	DB	VOBTEX-624	Aqueous	1	1	624	01/22 10:35
3M58483.	AC42282-001		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/22 10:52
3M58484.	AC42282-007(20X)		OK	DB	VOBTEX-624	Aqueous	1	20	624	01/22 11:12
3M58485.	AC42282-005(20X)		OK	DB	VOBTEX-624	Aqueous	1	20	624	01/22 11:32
3M58486.	AC42282-003		-	DB	VOBTEX-624	Aqueous	1	1	624	01/22 11:50
3M58487.	MBS11039		OK MBS11039	DB		Aqueous	1	1	624 8260	01/22 12:07
3M58488.	AC42234-007(MS)		OK MBS11036	DB	VOBTEX-624	Aqueous	1	1	624 8260	01/22 12:24
3M58489.	AC42234-007(MSD)		OK MBS11036	DB	VOBTEX-624	Aqueous	1	1	624 8260	01/22 12:41
3M58490.	AC42282-003		OK	DB	VOBTEX-624	Aqueous	1	1	624	01/22 12:58
3M58491.	AC42266-001		OK	DB	VO10-624	Aqueous	1	1	624	01/22 13:15
3M58492.	AC42271-001		OK	DB	VO10-624	Aqueous	1	1	624	01/22 13:33
3M58493.	AC42272-001		OK	DB	VO10-624	Aqueous	1	1	624	01/22 13:50
3M58494.	AC42277-013		OK	DB	VO10-624	Aqueous	1	1	624	01/22 14:07
3M58495.	AC42277-014		OK	DB	VO10-624	Aqueous	1	1	624	01/22 14:24
3M58496.	AC42277-015		OK	DB	VO10-624	Aqueous	1	1	624	01/22 14:41
3M58497.	AC42180-001(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/22 14:58
3M58498.	AC42180-002(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/22 15:15
3M58499.	AC42180-004(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/22 15:32
3M58500.	AC42159-001(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/22 15:49
3M58501.	AC42159-002(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/22 16:06
3M58502.	AC42199-001(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	01/22 16:23
3M58503.	EF-1-V-59364(012209)		OK	DB		Aqueous	1	1220	8260	01/22 16:40
3M58504.	BLK		-	DB		Aqueous	1	1	624 8260	01/22 16:57
3M58505.	AC42234-011(MS)		OK MBS11039	DB	VOBTEX-624	Aqueous	1	1	624 8260	01/22 17:15
3M58506.	AC42234-011(MSD)		OK MBS11039	DB	VOBTEX-624	Aqueous	1	1	624 8260	01/22 17:32
3M58507.	BLK		-	DB		Aqueous	1	1	624 8260	01/22 17:49
3M58508.	BLK		OK	DB		Aqueous	1	1	624 8260	01/22 18:06
3M58509.	MBS11042		OK MBS11042	DB		Aqueous	1	1	624 8260	01/22 18:23
3M58510.	BLK		-	DB		Aqueous	1	1	624 8260	01/22 18:40
3M58511.	AC42266-002		OK	DB	VO10-624	Aqueous	1	1	624	01/22 18:57
3M58512.	AC42266-003		OK	DB	VO10-624	Aqueous	1	1	624	01/22 19:14
3M58513.	AC42271-002		OK	DB	VO10-624	Aqueous	1	1	624	01/22 19:31
3M58514.	AC42271-003		OK	DB	VO10-624	Aqueous	1	1	624	01/22 19:48
3M58515.	AC42272-002		OK	DB	VO10-624	Aqueous	1	1	624	01/22 20:05
3M58516.	AC42272-003		OK	DB	VO10-624	Aqueous	1	1	624	01/22 20:22
3M58517.	AC42279-003		OK	DB	VO-624	Aqueous	1	1	624	01/22 20:39
3M58518.	AC42279-004		OK	DB	VO-624	Aqueous	1	1	624	01/22 20:56

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etm	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprerunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-3M58521

Instrument: GCMS_3 Year: 2(0)124
Analyst: SG

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M58521	BFB TUNE		OK,V-57566,V-58441,V-59355,59522	WP						01/23 07:45
3M58522	CAL @ 20 PPB		OK	WP		Aqueous	1	1	624 8260	01/23 08:16
3M58523	DAILY BLANK		OK	WP		Aqueous	1	1	624 8260	01/23 08:37
3M58524	DAILY BLANK		OK	WP		Methano	1	1	8260	01/23 08:55
3M58525	MBS11051		OK MBS11051	WP		Aqueous	1	1	624 8260	01/23 09:12
3M58526	MBS11052		OK MBS11052	WP		Methano	1	1	8260	01/23 09:29
3M58527	BLK		-	WP		Aqueous	1	1	624 8260	01/23 09:46
3M58528	AC42299-003		OK	WP	VO-PA-FO82	Aqueous	1	1	8260	01/23 10:03
3M58529	AC42280-003		OK	WP	VO10-624	Aqueous	1	1	624	01/23 10:20
3M58530	AC42280-004		OK	WP	VO10-624	Aqueous	1	1	624	01/23 10:37
3M58531	AC42299-001		OK	WP	VO-PA-FO82	Aqueous	1	1	8260	01/23 10:54
3M58532	AC42299-002		OK	WP	VO-PA-FO82	Aqueous	1	1	8260	01/23 11:12
3M58533	AC42299-004		OK	WP	VO-PA-FO82	Aqueous	1	1	8260	01/23 11:29
3M58534	AC42277-012		OK	WP	VO10-624	Aqueous	1	1	624	01/23 11:46
3M58535	AC42279-001		RR-1X see below	WP	VO-624	Aqueous	1	1	624	01/23 12:03
3M58536	AC42280-001		OK	WP	VO10-624	Aqueous	1	1	624	01/23 12:20
3M58537	AC42279-001		OK	WP	VO-624	Aqueous	1	1	624	01/23 12:37
3M58538	AC42234-003(MS)	M16	OK MBS11051	WP	VOBTEX-624	Aqueous	1	1	624 8260	01/23 12:54
3M58539	AC42234-003(MSD)	M16	OK MBS11051	WP	VOBTEX-624	Aqueous	1	1	624 8260	01/23 13:11
3M58540	AC42290-001		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 13:28
3M58541	AC42290-002		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 13:46
3M58542	AC42290-003		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 14:03
3M58543	AC42290-004		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 14:20
3M58544	AC42290-005		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 14:37
3M58545	AC42290-006		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 14:54
3M58546	AC42290-007		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 15:11
3M58547	BLKHCL		-	WP		Aqueous	1	1	624 8260	01/23 15:28
3M58548	AC42290-009		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 15:45
3M58549	BLKFB		-	WP		Aqueous	1	1	624 8260	01/23 16:02
3M58550	AC42290-011		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 16:19
3M58551	AC42290-012		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 16:36
3M58552	AC42290-013		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 16:53
3M58553	AC42290-014		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 17:10
3M58554	AC42290-015		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 17:27
3M58555	MBS11055		OK MBS11055	WP		Aqueous	1	1	624 8260	01/23 17:44
3M58556	AC42159-002(T:MS)		OK MBS11055	WP	VOTCLP-826	Aqueous	1	1	624 8260	01/23 18:01
3M58557	AC42159-002(T:MSD)		OK MBS11055	WP	VOTCLP-826	Aqueous	1	1	624 8260	01/23 18:18
3M58558	BLK		-	WP		Aqueous	1	1	624 8260	01/23 18:35
3M58559	AC42290-008		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 18:52
3M58560	AC42290-010		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 19:09
3M58561	AC42301-003		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 19:26
3M58562	AC42301-004		RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 19:43
3M58563	AC42301-005	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 20:00
3M58564	AC42301-006	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 20:17
3M58565	AC42301-007	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 20:34
3M58566	AC42301-008	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 20:51
3M58567	AC42301-009	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 21:08
3M58568	AC42301-010	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 21:25
3M58569	AC42301-011	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 21:42
3M58570	AC42301-012	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 21:59
3M58571	AC42301-013	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 22:16
3M58572	AC42301-014	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 22:33
3M58573	BLK	Ti8	-	WP		Aqueous	1	1	624 8260	01/23 22:50
3M58574	AC42301-001	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/23 23:07
3M58575	AC42301-002	Ti8	RR-5G	WP	VO10-8260	Methano	1	1	8260	01/24 11:17
3M58576	BLK	Ti6Ti8	-	WP		Aqueous	1	1	624 8260	01/24 11:34
3M58577	BLK	Ti6Ti8	-	WP		Aqueous	1	1	624 8260	01/24 11:51
3M58578	BLK	Ti6Ti8	-	WP		Aqueous	1	1	624 8260	01/24 12:08
3M58579	BLK	Ti6Ti8	-	WP		Aqueous	1	1	624 8260	01/24 12:25

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series mission	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrot.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endoo Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1n D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked.	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-51813

Prepared By: Revolus, Jean
Description: CYCLOHEXANONE
Prep Date: 9/12/2008
Expiration Date: 9/12/2009
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2726	CYCLOHEXANONE	50 mg	NEAT	10000 ppm
3593	Methanol	5 ml	neat neat	

Veritech Lot Number: V-54401

Prepared By: Revolus, Jean
Description: VOA STOCK INT/SURR MIX
Prep Date: 10/22/2008
Expiration Date: 10/22/2009
Department: Organics
BatchNumber:
Concentration: 1500 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3178	1,2-Dichloroethane-d4	150 mg	NEAT	1500 ppm
1297	TOLUENE-D8	150 mg	NEAT	1500 ppm
1295	CHLOROBENZENE-D5	150 mg	NEAT	1500 ppm
777	1-bromo-4-fluorobenzenne	150 mg	neat	1500 ppm
3693	Dibromofluoromethane	150 mg	NEAT	1500 ppm
3232	Methanol	100 ml	neat neat	
2615	1,4-Dichlorobenzene-d4	150 mg	neat neat	1500 ppm
3661	Fluorobenzene	150 mg	NEAT	1500 ppm

Veritech Lot Number: V-56379

Prepared By: Previlon, Wilner
Description: VOA WORKING INT/SURR MIX
Prep Date: 11/24/2008
Expiration Date: 10/22/2009
Department: Organics
BatchNumber:
Concentration: 150 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1912	METHANOL	225 ml	NEAT	
V-54401	VOA STOCK INT/SURR MIX	25 ml	1500 ppm	150 ppm

Veritech Lot Number: V-57566

Prepared By: Previlon, Wilner
Description: BFB Tune Mix
Prep Date: 12/17/2008
Expiration Date: 10/17/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1.5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-56379	VOA WORKING INT/SURR MIX	500 ul	150 ppm	50 ppm
1230	METHANOL	1000 ul	NEAT	

Veritech Lot Number: V-57711

Prepared By: Batelli, Daniel
Description: VOA ADD MIX
Prep Date: 12/1/2008
Expiration Date: 12/1/2009
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2770	METHANOL	5 ml	neat neat	
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-57712

Prepared By: Batelli, Daniel
Description: VOA ADD MIX(2nd SOURCE)
Prep Date: 12/1/2008
Expiration Date: 12/1/2009
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2770	METHANOL	5 ml	neat neat	
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm

Veritech Lot Number: V-57715

Prepared By: Batelli, Daniel
Description: MBS
Prep Date: 12/19/2008
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3474	8260 ADD MIX	50 ul	2000 ppm	100 ppm
3367	502/524 VOA CAL MIX(2nd Source)	50 ul	2000 ppm	100 ppm
3676	VOA COMP MIX#6(GASES)	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
3443	Custom VOC Standard	50 ul	Various	100 ppm
3607	Cyclohexanone	50 ul	1008 ug/ml	500 ppm
V-57712	VOA ADD MIX(2nd SOURCE)	20 ul	5000 ppm	100 ppm
3115	TERT-AMYL METHYL ETHER	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-58319

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 1/5/2009
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3474	8260 ADD MIX	50 ul	2000 ppm	100 ppm
3367	502/524 VOA CAL MIX(2nd Source)	50 ul	2000 ppm	100 ppm
3676	VOA COMP MIX#6(GASES)	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
3443	Custom VOC Standard	50 ul	Various	100 ppm
3607	Cyclohexanone	50 ul	1008 ug/ml	500 ppm
V-57712	VOA ADD MIX(2nd SOURCE)	20 ul	5000 ppm	100 ppm
3115	TERT-AMYL METHYL ETHER	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-58441

Prepared By: Previlon, Wilner
Description: VOA WORKING INT/SURR MIX
Prep Date: 1/7/2009
Expiration Date: 6/7/2009
Department: Organics
BatchNumber:
Concentration: 150 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1912	METHANOL	225 ml	NEAT	
V-54401	VOA STOCK INT/SURR MIX	25 ml	1500 ppm	150 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58791

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 1/13/2009
Expiration Date: 3/13/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3809	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	
3832	CUSTOM VOC MIX	100 ul	VARIOUS	various ppm
3831	8260 ADDITIONS	100 ul	2000 ppm	various ppm
3808	gases(VOA MIX # 6)	100 ul	2000 ppm	200 ppm
3749	tert-Amyl methyl ether	100 ul	2000 ppm	200 ppm
V-57711	VOA ADD MIX	40 ul	5000 ppm	200 ppm
V-51813	CYCLOHEXANONE	100 ul	10000 ppm	1000 ppm

Veritech Lot Number: V-58901

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 250 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	125 ul	VARIOUS pp	250 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	125 ul	200 ppm	250 ppb

Veritech Lot Number: V-58902

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 100 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	50 ul	VARIOUS pp	100 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	50 ul	200 ppm	100 ppb

Veritech Lot Number: V-58903

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 50 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	25 ul	VARIOUS pp	50 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	25 ul	200 ppm	50 ppb

Veritech Lot Number: V-58904

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 20 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58905

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 10 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	5 ul	VARIOUS pp	10 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	5 ul	200 ppm	10 ppb

Veritech Lot Number: V-58906

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 5 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	2.5 ul	VARIOUS pp	5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	2.5 ul	200 ppm	5 ppb

Veritech Lot Number: V-58907

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 1 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	.5 ul	VARIOUS pp	1 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.5 ul	200 ppm	1

Veritech Lot Number: V-58908

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 0.5 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber: B-4993
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	.25 ul	VARIOUS pp	0.5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.25 ul	200 ppm	0.5

Veritech Lot Number: V-58909

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 500 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	250 ul	VARIOUS pp	500 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	250 ul	200 ppm	500 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58910

Prepared By: Previlon, Wilner
Description: ICV CAL @ 20 PPB
Prep Date: 1/13/2009
Expiration Date: 1/20/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-57715	MBS	20 ul	100 ppm	20
1398	p&t water	100 ml	neat neat	neat
3664	Chlorodifluoromethane (Freon#22)	10	200 ppm	20

Veritech Lot Number: V-59355

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 1/20/2009
Expiration Date: 3/20/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3474	8260 ADD MIX	50 ul	2000 ppm	100 ppm
3472	SS 502/524 VOA CAL MIX	50 ul	2000 ppm	100 ppm
3676	VOA COMP MIX#6(GASES)	50 ul	2000 ppm	100 ppm
1308	METHANOL	800 ul	NEAT	neat neat
3833	CUSTOM VOC MIX	50 ul	VARIOUS	100 ppm

Veritech Lot Number: V-59382

Prepared By: Previlon, Wilner
Description: CAL @ 20 PPB
Prep Date: 1/21/2009
Expiration Date: 1/28/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	

Veritech Lot Number: V-59458

Prepared By: Previlon, Wilner
Description: CAL @ 20 PPB
Prep Date: 1/22/2009
Expiration Date: 1/29/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Lot Number: V-59522

Prepared By: Goring, Shawn
Description: CAL @ 20 PPB
Prep Date: 1/23/2009
Expiration Date: 1/30/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58791	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 777

Description
1-bromo-4-fluorobenzenne

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	b6,720-1	08115kn	06/05/01	06/11/11	jean	1	25ml	neat	

Veritech Control/Receipt Number: 1230

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	045850	06/22/05	06/22/15	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1295

Description
CHLOROBENZENE-D5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	176605-1G	02702EA	09/06/05	09/30/15	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 1297

Description
TOLUENE-D8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	434388-5G	02504HB	09/06/05	09/30/15	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1308

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	052204	09/14/05	09/14/10	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1398

Description
p&t water

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
veritech	na	na	01/01/08	11/01/10	Batelli, Daniel	1	na	neat	neat

Veritech Control/Receipt Number: 1588

Description
P&T METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	055310	03/03/06	03/03/10	Wickliffe, David	6	1L	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1912

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	063720	09/07/06	08/28/10	Revolus, Jean	42	1L	NEAT	

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2726

Description
CYCLOHEXANONE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F2326	352-153B	09/04/07	01/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2770

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.BAKER	9977-02	E20E38	09/25/07	09/24/10	Lopez, Jose	48	1L	neat	neat

Veritech Control/Receipt Number: 2880

Description
p-ETHYLTOLUENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2413	376-30A	11/19/07	01/31/12	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2881

Description
p-DIETHYLBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2296	371-140A	11/19/07	12/31/10	Revolus, Jean	3	100m	NEAT	

Veritech Control/Receipt Number: 2889

Description
1,2,4,5-TETRAMETHYLBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACROS ORGANI	409390050	A0214190	11/20/07	11/30/20	Revolus, Jean	1	1ML	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3115

Description
TERT-AMYL METHYL ETHER

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30629	A052131	02/29/08	05/31/12	Revolus, Jean	2	1ML	2000	PPM

Veritech Control/Receipt Number: 3178

Description
1,2-Dichloroethane-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	396540-1G	EW0372	03/26/08	03/26/18	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3232

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9077-02	E20E38	04/15/08	04/14/11	Lopez, Jose	48	1L	neat	neat

Veritech Control/Receipt Number: 3235

Description
CHLORODIFLUOROMETHANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	B8040176	04/15/08	04/14/18	Revolus, Jean	5	1ML	200	PPM

Veritech Control/Receipt Number: 3367

Description
502/524 VOA CAL MIX(2nd Source)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	502111	LB54555	05/28/08	01/31/10	Brand, Frank	3	1ml	2000	PPM

Veritech Control/Receipt Number: 3443

Description
Custom VOC Standard

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B8070005	07/03/08	07/02/09	Revolus, Jean	5	1ml	Various	

Veritech Control/Receipt Number: 3472

Description
SS 502/524 VOA CAL MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5S02111	LB59197	07/22/08	06/30/10	Revolus, Jean	2	1ML	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3474

Description
8260 ADD MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	46831-U	LB55764	07/22/08	12/31/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3593

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9077-02	E22E25	09/09/08	09/08/10	Okomeng, Maxwel	30	1LT	neat	neat

Veritech Control/Receipt Number: 3607

Description
Cyclohexanone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accustd	M-554-04	108-94-1	09/18/08	03/31/09	Hamid, Akmal	2	1ml	1008	ug/ml

Veritech Control/Receipt Number: 3661

Description
Fluorobenzene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F839	388-117B	10/06/08	09/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Control/Receipt Number: 3664

Description
Chlorodifluoromethane (Freon#22)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	B8040176	10/10/08	04/14/18	Revolus, Jean	10	1ml	200	PPM

Veritech Control/Receipt Number: 3676

Description
VOA COMP MIX#6(GASES)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48799-U	LB61100	10/14/08	01/31/10	Revolus, Jean	5	1ml	2000	PPM

Veritech Control/Receipt Number: 3693

Description
Dibromofluoromethane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30634	A063048	10/22/08	09/30/13	Revolus, Jean	5	100m	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3749

Description
tert-Amyl methyl ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-06737	LB60583	11/18/08	11/30/11	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3808

Description
gases(VOA MIX # 6)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	VOHC-6RPM	407-11B	01/07/09	07/31/09	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3809

Description
502/524 VOA CAL MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	LVOC-1RPM	414-98A	01/07/09	12/31/09	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3831

Description
8260 ADDITIONS

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8260-ADD-10X	B8110117	01/08/09	03/13/09	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3832

Description
CUSTOM VOC MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B9010062	01/08/09	07/07/09	Revolus, Jean	5	1ML	VARIOU	

Veritech Control/Receipt Number: 3833

Description
CUSTOM VOC MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B9010058	01/08/09	07/07/09	Revolus, Jean	5	1ML	VARIOU	

GC/MS Semi-Volatile Data

GC/MS Semi-Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 625

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
10M02567.D	WMB4029	Aqueous	01/23/09 09:54	1		60	42	91	94	99	104
10M02585.D	AC42279-001	Aqueous	01/23/09 16:35	1		58	38	79	82	92	98
10M02586.D	AC42279-003	Aqueous	01/23/09 17:33	1		53	35	79	83	89	95
10M02568.D	WMB4029(MS	Aqueous	01/23/09 10:16	1		57	40	94	88	102	102
10M02569.D	AC42180-002(	Aqueous	01/23/09 10:38	1		84	78	89	87	98	103
10M02570.D	AC42180-002(	Aqueous	01/23/09 11:00	1		81	77	95	89	101	97
10M02571.D	AC42180-002(	Aqueous	01/23/09 11:22	1		70	71	87	82	103	102

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 625

Aqueous Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	22-101
S2=Phenol-d5	100	1-95
S3=Nitrobenzene-d5	50	50-128
S4=2-Fluorobiphenyl	50	48-123
S5=2,4,6-Tribromophenol	100	10-123
S6=Terphenyl-d14	50	44-132

FORM 3

Spike Recovery

Batch Number: WMB4029
Mbs Name: WMB4029(MS)
Ns Name: AC42180-002(T)
Ms Name: AC42180-002(MS)(
Msd Name: AC42180-002(MSD

Mbs File: 10M02568.D
Non Spk'd File: 10M02569.D
Spike File: 10M02570.D
Spike Dup File: 10M02571.D
Matrix: Aqueous
Method: EPA 625

Mbs Date: 01/23/09 10:16
Non Spk'd Date: 01/23/09 10:38
Spike Date : 01/23/09 11:00
Spike Dup Date: 01/23/09 11:22

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
N-Nitrosodimethylami	3	1	0	100	40	109	17	67.13	0.00	88.13	82.53	67	88	83	6.6
bis(2-Chloroethyl)ethe	8	1	0	100	12	158	12	82.42	0.00	82.91	77.25	82	83	77	7.1
Phenol	10	1	0	100	5	112	27	39.13	0.00	75.41	71.56	39	75	72	5.2
2-Chlorophenol	11	1	0	100	23	134	21	85.61	0.00	88.41	82.22	86	88	82	7.3
bis(2-chloroisopropyl)	17	1	0	100	36	166	14	89.49	0.00	87.63	82.77	89	88	83	5.7
Hexachloroethane	20	1	0	100	40	113	39	81.74	0.00	83.47	74.09	82	83	74	12
N-Nitroso-di-n-propyla	21	1	0	100	1	230	14	89.60	0.00	86.51	84.21	90	87	84	2.7
Nitrobenzene	25	1	0	100	35	180	13	91.04	0.00	91.83	89.28	91	92	89	2.8
Isophorone	26	1	0	100	21	196	12	87.41	0.00	84.62	83.77	87	85	84	1
2-Nitrophenol	27	1	0	100	29	182	31	90.69	0.00	92.09	89.17	91	92	89	3.2
2,4-Dimethylphenol	28	1	0	100	32	119	18	86.27	0.00	88.27	85.56	86	88	86	3.1
bis(2-Chloroethoxy)m	30	1	0	100	33	184	12	93.69	0.00	92.49	90.92	94	92	91	1.7
2,4-Dichlorophenol	31	1	0	100	39	135	21	96.68	0.00	97.30	94.22	97	97	94	3.2
1,2,4-Trichlorobenzen	32	1	0	100	44	142	17	85.81	0.00	87.08	82.46	86	87	82	5.5
Naphthalene	33	1	0	100	21	133	16	87.64	0.00	87.66	83.10	88	88	83	5.3
Hexachlorobutadiene	35	1	0	100	24	116	24	85.16	0.00	86.97	81.57	85	87	82	6.4
4-Chloro-3-methylphe	37	1	0	100	22	147	16	98.21	0.00	96.71	94.96	98	97	95	1.8
2,4,6-Trichlorophenol	44	1	0	100	37	144	24	96.17	0.00	101.14	93.30	96	101	93	8.1
2-Chloronaphthalene	47	1	0	100	60	118	13	91.84	0.00	93.36	88.26	92	93	88	5.6
Acenaphthylene	52	1	0	100	33	145	13	93.52	0.00	94.31	89.80	94	94	90	4.9
Dimethylphthalate	53	1	0	100	1	112	12	96.15	0.00	95.22	93.82	96	95	94	1.5
2,6-Dinitrotoluene	54	1	0	100	50	158	13	91.63	0.00	90.68	91.23	92	91	91	0.6
Acenaphthene	55	1	0	100	47	145	14	90.87	0.00	91.51	88.43	91	92	88	3.4
2,4-Dinitrophenol	57	1	0	100	1	191	37	89.92	0.00	94.49	93.29	90	94	93	1.3
2,4-Dinitrotoluene	59	1	0	100	39	139	13	99.24	0.00	99.54	97.56	99	100	98	2
4-Nitrophenol	60	1	0	100	1	132	41	45.90	0.00	83.58	86.72	46	84	87	3.7
Fluorene	62	1	0	100	59	121	14	91.24	0.00	90.61	87.63	91	91	88	3.3
4-Chlorophenyl-pheny	63	1	0	100	25	158	13	93.47	0.00	92.05	90.04	93	92	90	2.2
Diethylphthalate	64	1	0	100	1	114	12	94.19	0.00	94.00	94.02	94	94	94	0.02
4,6-Dinitro-2-methylph	68	1	0	100	1	181	25	102.89	0.00	100.44	100.80	103	100	101	0.36
4-Bromophenyl-pheny	72	1	0	100	53	127	13	100.01	0.00	98.07	99.82	100	98	100	1.8
Hexachlorobenzene	73	1	0	100	1	152	12	95.54	0.00	93.66	94.48	96	94	94	0.87
Pentachlorophenol	75	1	0	100	14	176	31	94.38	0.00	97.63	100.49	94	98	100	2.9
Phenanthrene	76	1	0	100	54	120	12	98.53	0.00	96.17	98.31	99	96	98	2.2
Anthracene	77	1	0	100	27	133	12	96.23	0.00	93.40	96.28	96	93	96	3
Di-n-butylphthalate	79	1	0	100	1	118	12	104.31	0.00	101.89	104.58	104	102	105	2.6
Fluoranthene	80	1	0	100	26	137	13	102.38	0.00	101.91	104.10	102	102	104	2.1
Pyrene	82	1	0	100	52	115	13	94.74	0.00	89.33	93.25	95	89	93	4.3
Butylbenzylphthalate	88	1	0	100	1	152	12	98.78	0.00	93.14	96.54	99	93	97	3.6
3,3'-Dichlorobenzidine	92	1	0	100	1	262	40	144.53	0.00	94.37	107.42	145	94	107	13
Benzo[a]anthracene	93	1	0	100	33	143	12	94.76	0.00	92.24	95.54	95	92	96	3.5
Chrysene	94	1	0	100	17	168	12	81.05	0.00	79.34	82.23	81	79	82	3.6
bis(2-Ethylhexyl)phtha	95	1	0	100	8	158	14	105.29	0.00	99.47	102.49	105	99	102	3
Di-n-octylphthalate	97	1	0	100	4	146	14	102.88	0.00	94.96	96.85	103	95	97	2
Benzo[b]fluoranthene	98	1	0	100	24	159	15	94.35	0.00	94.49	94.71	94	94	95	0.23
Benzo[k]fluoranthene	99	1	0	100	11	162	14	100.14	0.00	96.02	98.59	100	96	99	2.6
Benzo[a]pyrene	1001	0	100	17	163	13	100.72	0.00	98.50	100.18	101	99	100	1.7
Indeno[1,2,3-cd]pyren	1011	0	100	1	171	14	99.54	0.00	103.49	104.22	100	103	104	0.7
Dibenzo[a,h]anthrace	1021	0	100	1	227	14	101.43	0.00	104.98	106.60	101	105	107	1.5
Benzo[g,h,i]perylene	1031	0	100	1	219	15	94.17	0.00	98.97	100.22	94	99	100	1.3

Note:

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

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

FORM 4
Blank Summary

Blank Number: WMB4029
Blank Data File: 10M02567.D
Matrix: Aqueous

Blank Analysis Date: 01/23/09 09:54
Blank Extraction Date: 01/22/09
(If Applicable)
Method: EPA 625

Sample Number	Data File	Analysis Date
AC42279-001	10M02585.D	01/23/09 16:35
AC42279-003	10M02586.D	01/23/09 17:33
AC42180-002(MSD	10M02571.D	01/23/09 11:22
AC42180-002(MS)(	10M02570.D	01/23/09 11:00
AC42180-002(T)	10M02569.D	01/23/09 10:38
WMB4029(MS)	10M02568.D	01/23/09 10:16

Form 5

Tune Name: CAL DFTPP **Data File:** 10M02298.D
Instrument: GCMS 10 **Analysis Date:** 01/09/09 09:04
Method: EPA 625
Tune Scan/Time Range: Average of 10.023 to 10.034 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	43.4	16685	PASS
68	69	0.00	2	0.3	65	PASS
69	198	0.00	100	52.8	20290	PASS
70	69	0.00	2	0.3	53	PASS
127	198	40	60	47.4	18236	PASS
197	198	0.00	1	0.8	290	PASS
198	198	100	100	100.0	38453	PASS
199	198	5	9	6.2	2394	PASS
275	198	10	30	27.5	10580	PASS
365	198	1	100	3.1	1185	PASS
441	443	0.01	100	85.9	4445	PASS
442	198	40	100	66.4	25518	PASS
443	442	17	23	20.3	5174	PASS

Data File	Sample Number	Analysis Date:
10M02299.D	CAL BNA@196PP	01/09/09 09:33
10M02300.D	CAL BNA@160PP	01/09/09 09:56
10M02301.D	CAL BNA@120PP	01/09/09 10:18
10M02302.D	CAL BNA@80PPM	01/09/09 10:41
10M02303.D	CAL BNA@50PPM	01/09/09 11:04
10M02304.D	CAL BNA@20PPM	01/09/09 11:27
10M02305.D	CAL BNA@10PPM	01/09/09 11:50
10M02306.D	CAL BNA@2PPM	01/09/09 12:13
10M02307.D	ICV BNA@50PPM	01/09/09 12:36
10M02308.D	WMB4019(MS)	01/09/09 14:10
10M02309.D	WMB4019	01/09/09 14:32
10M02310.D	WMB4018(MS)	01/09/09 14:55
10M02311.D	WMB4018	01/09/09 15:18
10M02312.D	AC41842-010	01/09/09 15:41
10M02313.D	AC42026-002(R)	01/09/09 16:27
10M02314.D	WMB4015(MS)	01/09/09 16:50
10M02315.D	WMB4015	01/09/09 17:12
10M02316.D	AC41930-008(T)	01/09/09 17:35
10M02317.D	AC42070-001	01/09/09 17:58
10M02318.D	AC42033-001	01/09/09 18:21
10M02319.D	AC42040-001	01/09/09 18:44
10M02320.D	AC42040-002	01/09/09 19:06
10M02321.D	AC42040-003	01/09/09 19:29
10M02322.D	AC42024-001(R)	01/09/09 19:52
10M02323.D	AC42024-002(R)	01/09/09 20:15
10M02324.D	AC42069-001(20X)	01/09/09 20:38

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 10
Data File: 10M02565.D
Analysis Date: 01/23/09 08:49
Method: EPA 625

Tune Scan/Time Range: Scan 1425

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	48.2	21016	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	56.5	24664	PASS
70	69	0.00	2	1.6	399	PASS
127	198	40	60	51.8	22600	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	43640	PASS
199	198	5	9	6.7	2928	PASS
275	198	10	30	27.4	11978	PASS
365	198	1	100	2.8	1242	PASS
441	443	0.01	100	70.9	3181	PASS
442	198	40	100	46.4	20240	PASS
443	442	17	23	22.2	4485	PASS

Data File	Sample Number	Analysis Date:
10M02566.D	CAL BNA@50PPM	01/23/09 09:23
10M02567.D	WMB4029	01/23/09 09:54
10M02568.D	WMB4029(MS)	01/23/09 10:16
10M02569.D	AC42180-002(T)	01/23/09 10:38
10M02570.D	AC42180-002(MS)(	01/23/09 11:00
10M02571.D	AC42180-002(MSD	01/23/09 11:22
10M02572.D	AC42180-001(T)	01/23/09 11:45
10M02573.D	AC42180-004(T)	01/23/09 12:07
10M02574.D	AC42199-001(T)	01/23/09 12:29
10M02575.D	EF-1 V-59115	01/23/09 12:52
10M02576.D	AC42239-012	01/23/09 13:14
10M02577.D	AC42237-001	01/23/09 13:36
10M02578.D	AC42237-002	01/23/09 13:59
10M02579.D	AC42249-001	01/23/09 14:21
10M02580.D	AC42249-002	01/23/09 14:43
10M02581.D	AC42249-003	01/23/09 15:06
10M02582.D	AC42249-004	01/23/09 15:28
10M02583.D	AC42261-002	01/23/09 15:50
10M02584.D	AC42261-003	01/23/09 16:13
10M02585.D	AC42279-001	01/23/09 16:35
10M02586.D	AC42279-003	01/23/09 17:33

FORM8

Internal Standard Areas

Evaluation Std Data File: 10M02303.D Method: EPA 625

Analysis Date/Time: 01/09/09 11:04

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	65460	5.86	243792	6.87	147281	8.30	253955	9.76	269370	12.80	272844	14.41
Eval File Area Limit:	32730-130920		121896-487584		73640-294562		126978-507910		134685-538740		136422-545688	
Eval File Rt Limit:	5.36-6.36		6.37-7.37		7.8-8.8		9.26-10.26		12.3-13.3		13.91-14.91	

Data File	Sample											
10M02299.	CAL BNA@1	55051	5.86	204974	6.87	123159	8.30	215058	9.76	237324	12.81	239829	14.42
10M02300.	CAL BNA@1	54095	5.86	204046	6.87	122288	8.30	214587	9.76	234522	12.80	240632	14.42
10M02301.	CAL BNA@1	70770	5.86	269634	6.87	162462	8.30	284025	9.76	305106	12.80	307601	14.42
10M02302.	CAL BNA@8	59769	5.86	220922	6.87	132964	8.30	233671	9.76	247410	12.80	254192	14.42
10M02303.	CAL BNA@5	65460	5.86	243792	6.87	147281	8.30	253955	9.76	269370	12.80	272844	14.41
10M02304.	CAL BNA@2	63746	5.86	237800	6.87	140063	8.30	249388	9.76	267980	12.79	274224	14.41
10M02305.	CAL BNA@1	63480	5.86	243919	6.87	152439	8.30	258552	9.76	280537	12.80	295232	14.41
10M02306.	CAL BNA@2	42530	5.86	163050	6.87	96804	8.30	170762	9.75	171572	12.79	184228	14.41
10M02307.	ICV BNA@50	57808	5.86	215105	6.87	129678	8.30	224981	9.76	235754	12.80	239935	14.41
10M02308.	WMB4019(M	54797	5.86	203893	6.87	124349	8.30	215109	9.76	238232	12.80	239822	14.41
10M02309.	WMB4019	47774	5.86	181589	6.87	111605	8.30	191042	9.75	205368	12.79	221504	14.41
10M02310.	WMB4018(M	55246	5.86	204600	6.87	122223	8.30	211725	9.76	225171	12.80	226056	14.41
10M02311.	WMB4018	49025	5.86	186359	6.87	112926	8.30	201216	9.75	209067	12.79	221190	14.41
10M02312.	AC41842-010	55650	5.86	203762	6.87	123392	8.30	209746	9.76	220777	12.79	231312	14.41
10M02313.	AC42026-002	49511	5.86	190288	6.87	118604	8.30	206970	9.75	223695	12.79	244567	14.41
10M02314.	WMB4015(M	53826	5.86	198827	6.87	119831	8.30	204902	9.76	220915	12.80	220621	14.41
10M02315.	WMB4015	50152	5.86	187476	6.87	114658	8.30	203829	9.75	208803	12.79	223970	14.41
10M02317.	AC42070-001	60137	5.86	223534	6.87	138566	8.30	240762	9.75	233596	12.79	249852	14.41
10M02318.	AC42033-001	44057	5.86	169281	6.87	105832	8.30	182227	9.75	198390	12.79	218160	14.41
10M02319.	AC42040-001	46621	5.86	182440	6.87	111940	8.30	198261	9.75	209892	12.79	224833	14.41
10M02320.	AC42040-002	51938	5.86	192991	6.87	116579	8.30	197211	9.75	219060	12.79	238355	14.41
10M02321.	AC42040-003	48056	5.86	185754	6.87	115770	8.30	194687	9.75	207473	12.79	221542	14.41
10M02322.	AC42024-001	37510	5.86	140529	6.87	83619	8.30	147902	9.75	156006	12.79	169828	14.41
10M02323.	AC42024-002	44067	5.86	164961	6.87	101531	8.30	176978	9.75	180312	12.79	194237	14.41
10M02324.	AC42069-001	56051	5.86	216660	6.87	136795	8.30	238026	9.76	236883	12.80	253365	14.41

I1 = 1,4-Dichlorobenzene-d4
I2 = Naphthalene-d8
I3 = Acenaphthene-d10
I4 = Phenanthrene-d10
I5 = Chrysene-d12
I6 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 10M02566.D Method: EPA 625

Analysis Date/Time: 01/23/09 09:23

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	73322	5.80	280404	6.81	170874	8.23	288359	9.68	317053	12.72	341381	14.33
Eval File Area Limit:	36661-146644		140202-560808		85437-341748		144180-576718		158526-634106		170690-682762	
Eval File Rt Limit:	5.3-6.3		6.31-7.31		7.73-8.73		9.18-10.18		12.22-13.22		13.83-14.83	
Data File Sample												
10M02567. WMB4029	56548	5.80	226855	6.81	145665	8.23	270418	9.68	313507	12.72	358175	14.32
10M02568. WMB4029(M	68715	5.80	262000	6.81	164131	8.23	286609	9.68	310007	12.72	305972	14.33
10M02569. AC42180-002	59753	5.80	224412	6.81	138023	8.23	240339	9.68	262503	12.72	293850	14.32
10M02570. AC42180-002	61161	5.80	227406	6.81	137955	8.23	244768	9.68	279241	12.72	293124	14.33
10M02571. AC42180-002	60465	5.80	222201	6.81	138095	8.23	236475	9.68	263135	12.72	282572	14.33
10M02577. AC42237-001	54833	5.80	216778	6.81	135994	8.23	240193	9.68	265797	12.72	299570	14.32
10M02578. AC42237-002	56658	5.80	219300	6.81	133423	8.23	239906	9.68	271068	12.71	304615	14.32
10M02579. AC42249-001	55702	5.80	216948	6.81	135828	8.23	239092	9.68	267079	12.72	309104	14.32
10M02580. AC42249-002	58436	5.80	228975	6.81	142399	8.23	253637	9.68	276204	12.72	309203	14.32
10M02581. AC42249-003	57419	5.80	234739	6.81	151105	8.23	271848	9.68	294234	12.72	312529	14.32
10M02582. AC42249-004	51528	5.80	202919	6.81	127190	8.23	223053	9.68	243422	12.71	276590	14.32
10M02583. AC42261-002	59509	5.80	239627	6.81	146854	8.23	264415	9.68	280520	12.72	305898	14.32
10M02584. AC42261-003	56771	5.80	218502	6.81	138290	8.23	233226	9.68	253228	12.71	278997	14.32
10M02585. AC42279-001	58789	5.80	234129	6.81	147028	8.23	257957	9.68	275534	12.71	304452	14.32
10M02586. AC42279-003	63767	5.80	248116	6.81	151331	8.23	268079	9.68	288257	12.72	316071	14.33

I1 = 1,4-Dichlorobenzene-d4
I2 = Naphthalene-d8
I3 = Acenaphthene-d10
I4 = Phenanthrene-d10
I5 = Chrysene-d12
I6 = Perylene-d12

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QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

GC/MS Semi-Volatile Data
Sample Data

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42279-001
Client Id: MW-5
Data File: 10M02585.D
Analysis Date: 01/23/09 16:35
Date Rec/Extracted: 01/21/09-01/22/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 106954

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

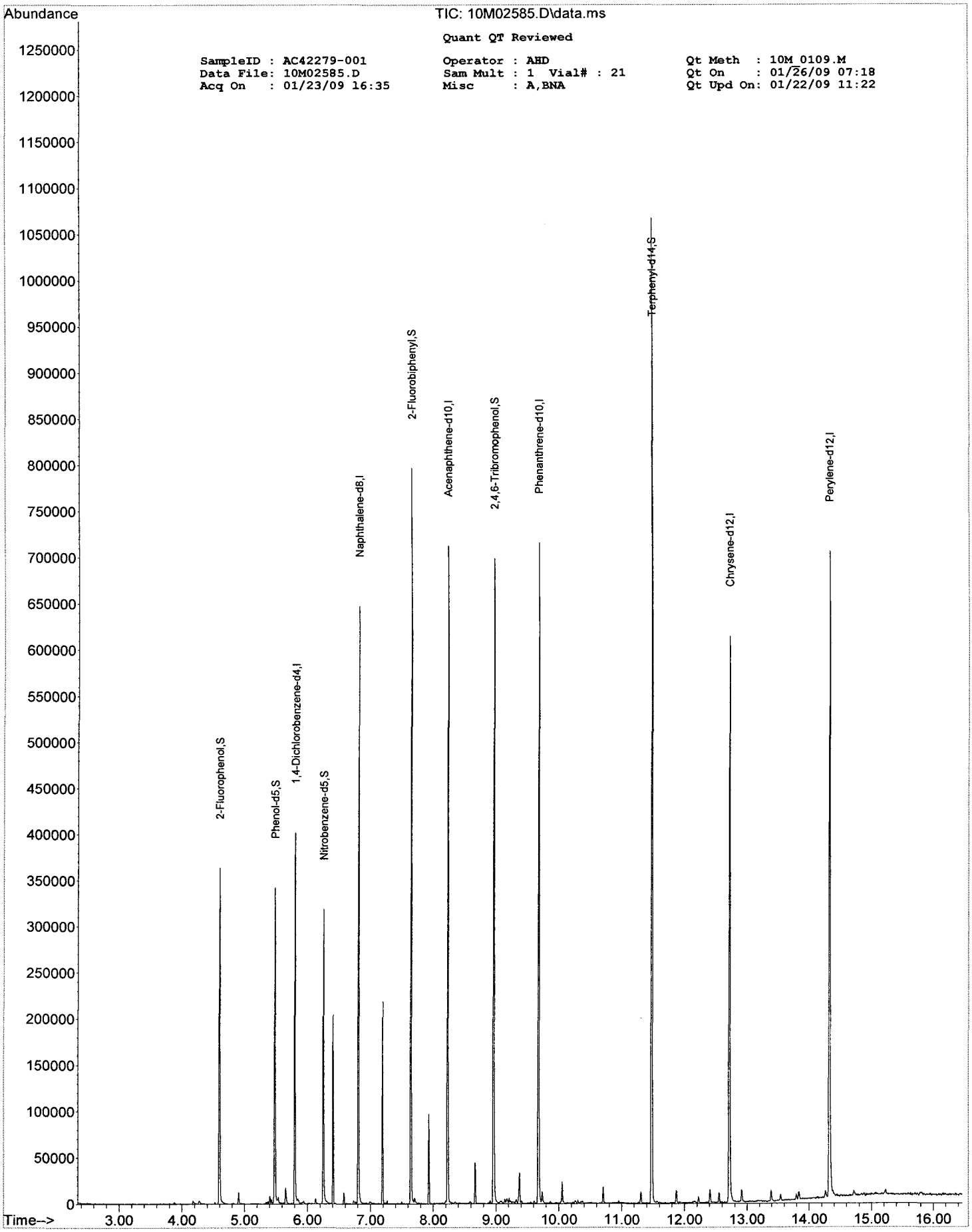
Quantitation Report (QT Reviewed)

SampleID : AC42279-001 Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02585.D Sam Mult : 1 Vial# : 21 Qt On : 01/26/09 07:18
Acq On : 01/23/09 16:35 Misc : A,BNA Qt Upd On: 01/22/09 11:22

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.803	152	58789	40.00	ng	-0.06
23) Naphthalene-d8	6.808	136	234129	40.00	ng	-0.06
41) Acenaphthene-d10	8.226	164	147028	40.00	ng	-0.07
67) Phenanthrene-d10	9.681	188	257957	40.00	ng	-0.07
81) Chrysene-d12	12.713	240	275534	40.00	ng	-0.08
96) Perylene-d12	14.323	264	304452	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	4.594	112	97486	57.80	ng	-0.06
Spiked Amount 100.000			Recovery = 57.80%			
9) Phenol-d5	5.482	99	88344	38.02	ng	-0.05
Spiked Amount 100.000			Recovery = 38.02%			
24) Nitrobenzene-d5	6.252	128	39905	39.60	ng	-0.05
Spiked Amount 50.000			Recovery = 79.20%			
46) 2-Fluorobiphenyl	7.643	172	222460	41.02	ng	-0.06
Spiked Amount 50.000			Recovery = 82.04%			
70) 2,4,6-Tribromophenol	8.964	330	100206	92.24	ng	-0.06
Spiked Amount 100.000			Recovery = 92.24%			
84) Terphenyl-d14	11.478	244	387732	48.82	ng	-0.07
Spiked Amount 50.000			Recovery = 97.64%			
Target Compounds						Qvalue

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


Abundance
TIC: 10M02585.D\data.ms
Quant QT Reviewed
SampleID : AC42279-001
Data File: 10M02585.D
Acq On : 01/23/09 16:35
Operator : AHD
Sam Mult : 1 Vial# : 21
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/26/09 07:18
Qt Upd On: 01/22/09 11:22
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42279-003
Client Id: FB
Data File: 10M02586.D
Analysis Date: 01/23/09 17:33
Date Rec/Extracted: 01/21/09-01/22/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 990ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 106954

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

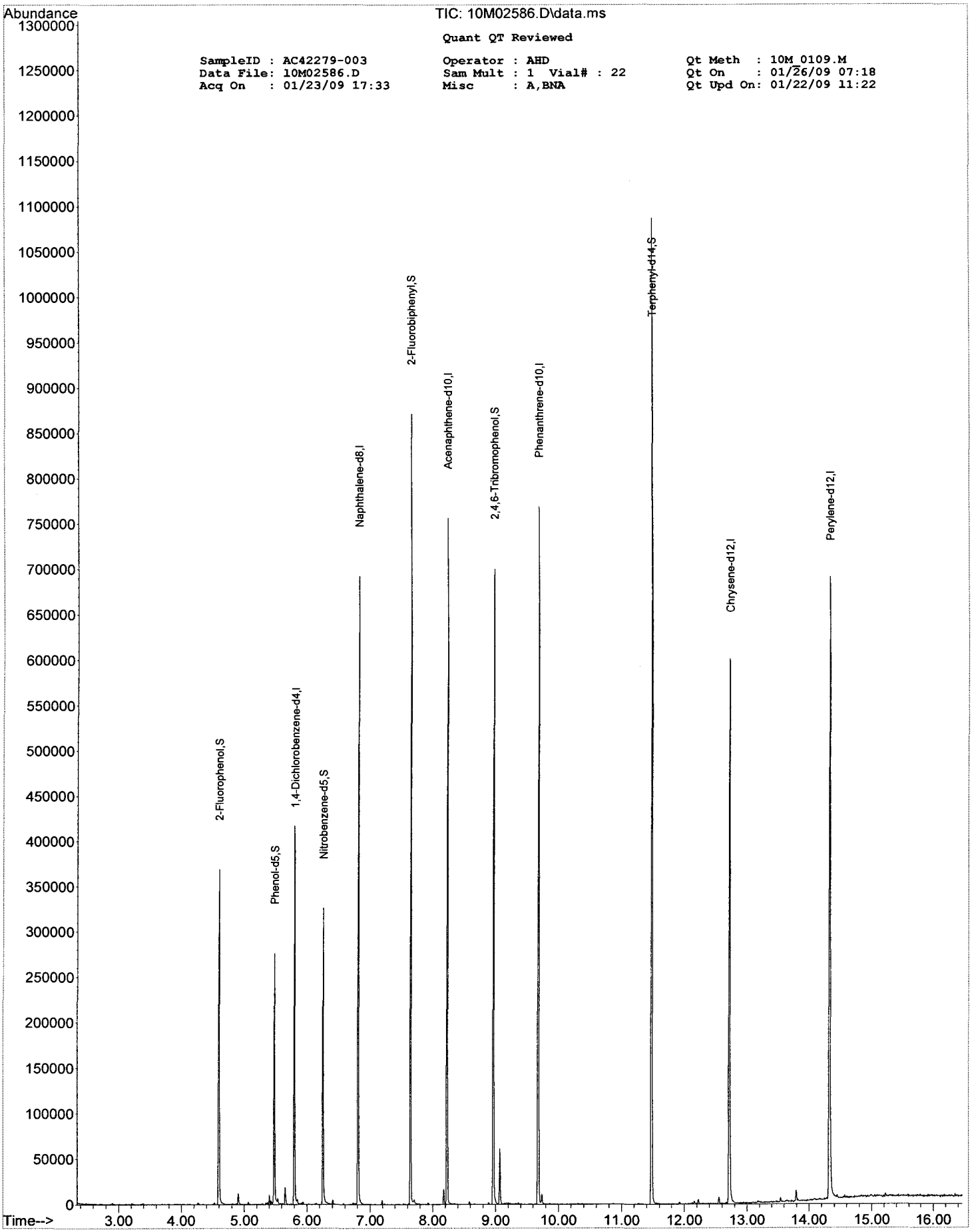
SampleID : AC42279-003 Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02586.D Sam Mult : 1 Vial# : 22 Qt On : 01/26/09 07:18
Acq On : 01/23/09 17:33 Misc : A,BNA Qt Upd On: 01/22/09 11:22

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.803	152	63767	40.00	ng	-0.06
23) Naphthalene-d8	6.808	136	248116	40.00	ng	-0.06
41) Acenaphthene-d10	8.226	164	151331	40.00	ng	-0.07
67) Phenanthrene-d10	9.680	188	268079	40.00	ng	-0.07
81) Chrysene-d12	12.718	240	288257	40.00	ng	-0.07
96) Perylene-d12	14.328	264	316071	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	4.594	112	96823	52.92	ng	-0.06
Spiked Amount 100.000			Recovery = 52.92%			
9) Phenol-d5	5.482	99	87409	34.68	ng	-0.05
Spiked Amount 100.000			Recovery = 34.68%			
24) Nitrobenzene-d5	6.252	128	42037	39.37	ng	-0.05
Spiked Amount 50.000			Recovery = 78.74%			
46) 2-Fluorobiphenyl	7.643	172	231914	41.55	ng	-0.06
Spiked Amount 50.000			Recovery = 83.10%			
70) 2,4,6-Tribromophenol	8.964	330	100431	88.96	ng	-0.06
Spiked Amount 100.000			Recovery = 88.96%			
84) Terphenyl-d14	11.478	244	394987	47.53	ng	-0.07
Spiked Amount 50.000			Recovery = 95.06%			
Target Compounds						Qvalue

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

VC


Abundance
TIC: 10M02586.D\data.ms
Quant QT Reviewed
SampleID : AC42279-003
Data File: 10M02586.D
Acq On : 01/23/09 17:33
Operator : AHD
Sam Mult : 1 Vial# : 22
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/26/09 07:18
Qt Upd On: 01/22/09 11:22
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

GC/MS Semi-Volatile Data
Standards Data

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M02303.	CAL BNA@50PPM	01/09/09 11:04	2	10M02306.	CAL BNA@2PPM	01/09/09 12:13
3	10M02305.	CAL BNA@10PPM	01/09/09 11:50	4	10M02304.	CAL BNA@20PPM	01/09/09 11:27
5	10M02302.	CAL BNA@80PPM	01/09/09 10:41	6	10M02301.	CAL BNA@120PPM	01/09/09 10:18
7	10M02300.	CAL BNA@160PPM	01/09/09 09:56	8	10M02299.	CAL BNA@196PPM	01/09/09 09:33

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.1212	1.1267	1.3524	1.0621	1.2256	1.2687	1.2486	1.2665	-----	1.21	3.20	0.999	0.999	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.6257	0.5610	0.6381	0.6065	0.6632	0.6975	0.6903	0.6891	-----	0.646	3.11	0.999	0.999	7.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.1017	1.1046	1.1212	1.0717	1.1513	1.2137	1.2018	1.2149	-----	1.15	4.66	0.999	1.00	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Qua	0.7224	0.9452	1.0031	0.9162	0.6383	0.4504	-----	-----	-----	0.779	5.49	0.916	0.998	27		50.00	2.00	10.00	20.00	80.00	120.0			
Aniline	1	0	LinF	1.7831	1.1836	1.5137	1.6073	1.8569	1.9350	1.7822	1.7799	-----	1.68	5.58	0.997	0.999	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.3921	0.4039	0.4017	0.3779	0.4140	0.4318	0.4197	0.4233	-----	0.408	5.62	0.999	0.999	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.1396	1.3999	1.2006	1.1356	1.1690	1.2164	1.1736	1.1914	-----	1.20	5.64	1.00	1.00	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.5473	1.5471	1.5186	1.4783	1.6073	1.6716	1.6325	1.6441	-----	1.58	5.54	1.00	1.00	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.5560	1.5701	1.7085	1.5590	1.6211	1.7577	1.7829	1.7961	-----	1.67	5.55	0.998	0.999	6.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.3379	1.3971	1.3993	1.3140	1.4126	1.4670	1.4215	1.4392	-----	1.40	5.68	0.999	0.999	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.0677	1.2654	1.1419	1.0830	1.1039	1.1564	1.1400	1.1580	-----	1.14	5.72	0.999	1.00	5.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,3-Dichlorobenzene	1	0	Avg	1.4920	1.6520	1.6321	1.4608	1.5437	1.6054	1.5614	1.5782	-----	1.57	5.81	1.00	1.00	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dichlorobenzene	1	0	Avg	1.5590	2.0136	1.6683	1.5676	1.5983	1.6608	1.6243	1.6475	-----	1.67	5.88	1.00	1.00	8.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Dichlorobenzene	1	0	Avg	1.4252	1.5419	1.5840	1.4243	1.4848	1.5492	1.5116	1.5299	-----	1.51	6.00	1.00	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.8637	0.7773	0.9248	0.8320	0.8874	0.9291	0.8975	0.9212	-----	0.879	5.97	0.999	0.999	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)e	1	0	Avg	1.2254	1.4394	1.3174	1.2514	1.2442	1.2938	1.2708	1.2752	-----	1.29	6.09	1.00	1.00	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.1794	1.3195	1.2540	1.2024	1.2459	1.2934	1.2728	1.2773	-----	1.26	6.06	1.00	1.00	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	1.9064	2.0757	2.1021	1.8608	1.9529	2.0910	2.0249	2.0462	-----	2.01	6.19	0.999	0.999	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5426	0.6475	0.5855	0.5581	0.5628	0.6012	0.5669	0.5835	-----	0.581	6.28	0.999	0.999	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.9829	1.0623	1.0362	0.9832	1.0380	1.0946	1.0473	1.0619	-----	1.04	6.18	0.999	0.999	3.7	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.3334	1.4554	1.3710	1.2641	1.3834	1.4825	1.4359	1.4805	-----	1.40	6.18	0.999	0.999	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1666	0.1575	0.1679	0.1705	0.1765	0.1810	0.1780	0.1788	-----	0.172	6.31	1.00	1.00	4.6		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3759	0.3627	0.4107	0.3748	0.3873	0.3945	0.3848	0.3899	-----	0.385	6.32	1.00	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.6756	0.5962	0.6715	0.6615	0.6944	0.7096	0.6832	0.6949	-----	0.673	6.51	1.00	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	LinF	0.2065	0.1357	0.1984	0.1977	0.2119	0.2212	0.2134	0.2183	-----	0.200	6.57	0.999	1.00	14	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dimethylphenol	1	0	Avg	0.3749	0.3579	0.3929	0.3654	0.3903	0.3932	0.3820	0.3900	-----	0.381	6.59	1.00	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Avg	0.2623	0.0253	0.1310	0.1903	0.2846	0.3152	0.3032	0.3067	-----	0.227	6.87	0.998	0.998	46		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)me	1	0	Avg	0.3846	0.3850	0.3999	0.3732	0.3997	0.4072	0.3950	0.4057	-----	0.394	6.67	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dichlorophenol	1	0	Avg	0.3253	0.2578	0.3261	0.3176	0.3337	0.3430	0.3368	0.3455	-----	0.323	6.75	1.00	1.00	8.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3794	0.4012	0.3877	0.3683	0.3868	0.3934	0.3857	0.3978	-----	0.388	6.82	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0859	1.2721	1.1774	1.0910	1.1295	1.1520	1.1360	1.1640	-----	1.15	6.88	1.00	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.3870	0.2881	0.3533	0.3730	0.3958	0.3764	0.3093	-----	-----	0.355	6.92	0.975	0.996	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Hexachlorobutadiene	1	0	Avg	0.2236	0.2380	0.2356	0.2276	0.2382	0.2375	0.2325	0.2426	-----	0.234	6.97	0.999	0.999	2.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Qua	0.1098	0.0501	0.1105	0.1126	0.1130	0.1160	0.1138	0.1145	-----	0.105	7.17	1.00	1.00	21		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3268	0.3110	0.3293	0.3218	0.3440	0.3513	0.3466	0.3502	-----	0.335	7.27	1.00	1.00	4.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7589	0.7973	0.8144	0.7699	0.7952	0.8128	0.8017	0.8211	-----	0.796	7.42	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7589	0.7973	0.8144	0.7699	0.7952	0.8128	0.8017	0.8211	-----	0.796	7.42	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,1'-Biphenyl	1	0	Avg	0.9568	1.0355	1.0240	0.9644	0.9948	1.0247	0.9912	1.0258	-----	1.00	7.79	0.999	0.999	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4,5-Tetrachloroben	1	0	Avg	0.6946	0.8041	0.7289	0.7104	0.7248	0.7329	0.7270	0.7493	-----	0.734	7.55	0.999	1.00	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.4294	0.3210	0.3660	0.4197	0.4661	0.4825	0.4822	0.4923	-----	0.432	7.54	0.999	1.00	14	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Trichlorophenol	1	0	Avg	0.4200	0.3004	0.4137	0.4308	0.4429	0.4626	0.4478	0.4560	-----	0.422	7.64	0.999	1.00	12	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria * - ccc compound
b - failed the ccc criteria ** - spcc compound
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.01

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M02303.	CAL BNA@50PPM	01/09/09 11:04	2	10M02306.	CAL BNA@2PPM	01/09/09 12:13
3	10M02305.	CAL BNA@10PPM	01/09/09 11:50	4	10M02304.	CAL BNA@20PPM	01/09/09 11:27
5	10M02302.	CAL BNA@80PPM	01/09/09 10:41	6	10M02301.	CAL BNA@120PPM	01/09/09 10:18
7	10M02300.	CAL BNA@160PPM	01/09/09 09:56	8	10M02299.	CAL BNA@196PPM	01/09/09 09:33

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2,4,5-Trichlorophenol	1	0	Avg	0.4532	0.3894	0.4579	0.4507	0.4768	0.4832	0.4663	0.4842	-----	0.458	7.66	0.999	0.999	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.4100	1.5685	1.4464	1.4641	1.4686	1.4775	1.4700	1.4970	-----	1.48	7.71	1.00	1.00	3.1		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1851	1.4396	1.2289	1.2662	1.2405	1.2662	1.2362	1.2717	-----	1.27	7.81	0.999	1.00	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dimethylnaphthalei	1	0	Avg	0.9776	1.0555	0.9966	1.0074	1.0319	1.0647	1.0527	1.0850	-----	1.03	8.09	0.999	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	0.9776	1.0555	0.9966	1.0074	1.0319	1.0647	1.0527	1.0850	-----	1.03	8.09	0.999	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.8861	0.9617	0.9239	0.9223	0.9141	0.9460	0.9239	0.9448	-----	0.928	7.88	1.00	1.00	2.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.4287	0.3809	0.4107	0.4370	0.4506	0.4526	0.4415	0.4479	-----	0.431	7.89	1.00	1.00	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.9581	1.9966	1.9813	2.0107	2.0225	2.0589	2.0439	2.0844	-----	2.02	8.17	1.00	1.00	2.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.3906	1.4768	1.4490	1.4348	1.4274	1.4521	1.4283	1.4447	-----	1.44	8.03	1.00	1.00	1.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,6-Dinitrotoluene	1	0	Avg	0.3358	0.2923	0.3370	0.3390	0.3522	0.3614	0.3571	0.3659	-----	0.343	8.09	1.00	1.00	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.2393	1.4210	1.3050	1.2978	1.2865	1.3374	1.3055	1.3305	-----	1.32	8.32	1.00	1.00	4.0	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3027	0.2285	0.2828	0.2953	0.3122	0.3015	0.2740	0.2652	-----	0.283	8.24	0.993	0.999	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrophenol	1	0	Qua	0.2085	-----	0.1004	0.1552	0.2340	0.2622	0.2516	0.2644	-----	0.211	8.33	0.998	0.998	29	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.7695	1.9431	1.8166	1.8140	1.8175	1.8593	1.8273	1.8611	-----	1.84	8.48	1.00	1.00	2.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrotoluene	1	0	Avg	0.4378	0.2987	0.4285	0.4477	0.4614	0.4810	0.4710	0.4726	-----	0.437	8.44	1.00	1.00	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	LinF	0.2608	0.1491	0.2695	0.2762	0.2677	0.2810	0.2785	0.2802	-----	0.258	8.36	0.999	1.00	17	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,3,4,6-Tetrachlorophe	1	0	Avg	0.4428	0.3973	0.4138	0.4316	0.4541	0.4752	0.4598	0.4730	-----	0.443	8.58	0.999	0.999	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.4767	1.5334	1.5480	1.5334	1.5331	1.5982	1.5573	1.6050	-----	1.55	8.80	0.999	1.00	2.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.7642	0.8559	0.7963	0.7812	0.7959	0.8161	0.7891	0.8198	-----	0.802	8.79	0.999	0.999	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.3533	1.3790	1.3894	1.3871	1.3965	1.4264	1.3891	1.4174	-----	1.39	8.66	1.00	1.00	1.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3510	0.2847	0.3297	0.3399	0.3595	0.3797	0.3683	0.3798	-----	0.349	8.80	0.999	0.999	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4205	0.3888	0.4340	0.4417	0.4379	0.4557	0.4475	0.4515	-----	0.435	9.42	1.00	1.00	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,6-Dinitro-2-methylphe	1	0	Qua	0.1646	-----	0.1203	0.1420	0.1717	0.1894	0.1833	0.1904	-----	0.166	8.85	0.998	0.999	16		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.7292	0.7446	0.7585	0.7328	0.7536	0.7791	0.7581	0.7830	-----	0.755	8.90	0.999	1.00	2.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Tribromophenol	1	0	Avg	0.1710	0.1286	0.1623	0.1730	0.1744	0.1815	0.1752	0.1813	-----	0.168	9.03	0.999	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Diphenylhydrazine	1	0	Avg	0.7615	0.6948	0.7878	0.7487	0.7738	0.8010	0.7775	0.7867	-----	0.767	8.94	1.00	1.00	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.2946	0.2969	0.3118	0.3045	0.3022	0.3111	0.3005	0.3089	-----	0.304	9.28	0.999	1.00	2.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.3338	0.3539	0.3684	0.3366	0.3394	0.3507	0.3435	0.3531	-----	0.347	9.34	0.999	0.999	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.3703	0.3119	0.3769	0.3590	0.3857	0.4099	0.3975	0.4113	-----	0.378	9.61	0.999	0.999	8.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.2065	-----	0.1769	0.1922	0.2198	0.2336	0.2309	0.2362	-----	0.214	9.55	0.999	1.00	11	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.2494	1.4020	1.3198	1.2500	1.2700	1.3104	1.2898	1.3086	-----	1.30	9.78	1.00	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.2780	1.2329	1.2961	1.2924	1.2901	1.3487	1.3198	1.3561	-----	1.30	9.83	0.999	1.00	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.1584	1.1670	1.2255	1.1615	1.1949	1.2420	1.2170	1.2375	-----	1.20	10.00	1.00	1.00	2.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.2912	0.9317	1.2587	1.2376	1.3327	1.4018	1.3676	1.4030	-----	1.28	10.38	0.999	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.3562	1.2337	1.3993	1.3664	1.3970	1.4610	1.4421	1.4802	-----	1.39	11.10	0.999	1.00	5.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.3827	1.3114	1.4142	1.3917	1.4292	1.4606	1.4310	1.4374	-----	1.41	11.37	1.00	1.00	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.3316	0.1161	0.2308	0.3260	0.3078	0.2647	0.2045	-----	-----	0.255	11.26	0.932	0.999	31		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Terphenyl-d14	1	0	Avg	1.1350	1.1262	1.1165	1.1151	1.1748	1.1975	1.1665	1.1926	-----	1.15	11.55	1.00	1.00	2.9		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4,4'-DDE	1	0	Avg	0.3246	0.3046	0.3346	0.3282	0.3346	0.3433	0.3305	0.3387	-----	0.330	11.49	1.00	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0630	0.0446	0.0625	0.0584	0.0639	0.0669	0.0662	0.0662	-----	0.0615	11.81	1.00	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDD	1	0	Avg	0.5387	0.4191	0.5232	0.5339	0.5645	0.5838	0.5671	0.5621	-----	0.537	11.88	0.999	1.00	9.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags	
a - failed the spcc criteria	** - ccc compound*
b - failed the ccc criteria	*** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)	

Note: Avg Rsd: 8.01

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M02303.	CAL BNA@50PPM	01/09/09 11:04	2	10M02306.	CAL BNA@2PPM	01/09/09 12:13
3	10M02305.	CAL BNA@10PPM	01/09/09 11:50	4	10M02304.	CAL BNA@20PPM	01/09/09 11:27
5	10M02302.	CAL BNA@80PPM	01/09/09 10:41	6	10M02301.	CAL BNA@120PPM	01/09/09 10:18
7	10M02300.	CAL BNA@160PPM	01/09/09 09:56	8	10M02299.	CAL BNA@196PPM	01/09/09 09:33

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Qua	0.5298	0.3191	0.4979	0.4949	0.5491	0.5646	0.5569	0.5582	-----	0.509	12.14	1.00	1.00	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0341	0.0419	0.0325	0.0348	0.0337	0.0335	0.0329	0.0318	-----	0.0344	11.82	0.999	1.00	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDT	1	0	Avg	0.5867	0.3861	0.5613	0.5610	0.6156	0.6424	0.6351	0.6412	-----	0.579	12.24	1.00	1.00	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0752	0.0512	0.0795	0.0727	0.0791	0.0789	0.0782	0.0781	-----	0.0742	12.72	1.00	1.00	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.3876	0.2190	0.2981	0.3210	0.3828	0.3840	0.3457	0.3075	-----	0.331	12.76	0.980	0.998	17		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.3646	1.3825	1.4164	1.3735	1.3986	1.4350	1.4112	1.4039	-----	1.40	12.78	1.00	1.00	1.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.3361	1.4877	1.4398	1.3693	1.3786	1.4327	1.4237	1.4241	-----	1.41	12.83	1.00	1.00	3.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.7445	0.4979	0.6987	0.6933	0.7874	0.8384	0.8097	0.8303	-----	0.738	12.83	0.999	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Qua	1.1037	0.5374	0.8705	0.9765	1.1671	1.2541	1.2158	1.2519	-----	1.05	13.58	0.999	0.999	24	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.3044	1.0976	1.2214	1.2297	1.3028	1.3504	1.3526	1.4210	-----	1.29	13.99	0.998	1.00	7.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.3191	1.2911	1.3745	1.3406	1.3830	1.4175	1.3798	1.3414	-----	1.36	14.02	0.999	0.999	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.2386	1.0031	1.1711	1.1589	1.2624	1.3134	1.2979	1.3147	-----	1.22	14.35	1.00	1.00	8.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.3547	0.9982	1.2774	1.2949	1.3947	1.4828	1.4682	1.4956	-----	1.35	15.74	0.999	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracen	1	0	Avg	1.1308	0.8679	0.9914	1.0744	1.1793	1.2509	1.2467	1.2544	-----	1.12	15.76	0.999	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.1607	1.0104	1.1052	1.1178	1.1783	1.2312	1.2272	1.2369	-----	1.16	16.10	1.00	1.00	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags	
a - failed the spcc criteria	** - ccc compound*
b - failed the ccc criteria	*** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)	

Note: Avg Rsd: 8.01

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0154

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02303.D Sam Mult : 1 Vial# : 6 Qt On : 01/09/09 11:21
Acq On : 01/ 9/09 11:04 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.861	152	65460	40.00	ng	0.00
23) Naphthalene-d8	6.867	136	243792	40.00	ng	0.00
41) Acenaphthene-d10	8.295	164	147281	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	253955	40.00	ng	0.00
81) Chrysene-d12	12.799	240	269370	40.00	ng	-0.01
96) Perylene-d12	14.414	264	272844	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	90151	49.49	ng	0.00
Spiked Amount 100.000			Recovery = 49.49%			
9) Phenol-d5	5.541	99	126612	45.93	ng	0.00
Spiked Amount 100.000			Recovery = 45.93%			
24) Nitrobenzene-d5	6.311	128	25394	25.30	ng	0.00
Spiked Amount 50.000			Recovery = 50.60%			
46) 2-Fluorobiphenyl	7.707	172	129792	26.93	ng	0.00
Spiked Amount 50.000			Recovery = 53.86%			
70) 2,4,6-Tribromophenol	9.033	330	54299	63.36	ng	0.00
Spiked Amount 100.000			Recovery = 63.36%			
84) Terphenyl-d14	11.552	244	191096	26.32	ng	0.00
Spiked Amount 50.000			Recovery = 52.64%			
Target Compounds						Qvalue
2) Pyridine	3.134	79	91744	61.04	ng	73
3) N-Nitrosodimethylamine	3.075	74	51201	57.71	ng	83
5) Benzaldehyde	5.487	77	59110	34.47	ng	79
6) Aniline	5.578	93	145905	47.42	ng	82
7) Pentachloroethane	5.626	117	32087	47.32	ng	67
8) bis(2-Chloroethyl)ether	5.637	93	93250	46.30	ng	80
10) Phenol	5.551	94	127320	42.34	ng	94
11) 2-Chlorophenol	5.680	128	109474	48.06	ng	76
12) N-Decane	5.728	57	87369	36.08	ng	77
13) 1,3-Dichlorobenzene	5.813	146	122088	49.17	ng	97
14) 1,4-Dichlorobenzene	5.878	146	127571	48.97	ng	97
15) 1,2-Dichlorobenzene	6.001	146	116618	48.30	ng	99
16) Benzyl alcohol	5.974	108	70677	47.45	ng	82
17) bis(2-chloroisopropyl)...	6.086	45	100269	29.15	ng	62
18) 2-Methylphenol	6.059	108	96512	44.82	ng	100
19) Acetophenone	6.188	105	155994	43.59	ng	78
20) Hexachloroethane	6.279	117	44401	45.57	ng	56
21) N-Nitroso-di-n-propyla...	6.188	70	80433	44.58	ng	77
22) 3&4-Methylphenol	6.182	108	109111	47.70	ng	100
25) Nitrobenzene	6.327	77	114551	46.77	ng	81
26) Isophorone	6.514	82	205904	46.69	ng	81
27) 2-Nitrophenol	6.573	139	62946	51.54	ng	93
28) 2,4-Dimethylphenol	6.600	107	114272	48.51	ng	94
29) Benzoic Acid	6.664	105	79951m	59.13	ng	
30) bis(2-Chloroethoxy)met...	6.674	93	117208	47.52	ng	97
31) 2,4-Dichlorophenol	6.755	162	99160	49.96	ng	85
32) 1,2,4-Trichlorobenzene	6.824	180	115621	53.63	ng	97
33) Naphthalene	6.883	128	330928	50.07	ng	98
34) 4-Chloroaniline	6.920	127	117935	50.55	ng	99
35) Hexachlorobutadiene	6.974	225	68151	51.83	ng	95
36) Caprolactam	7.193	113	33475	44.27	ng	66
37) 4-Chloro-3-methylphenol	7.279	107	99608	47.55	ng	81
38) 2-Methylnaphthalene	7.418	142	231269	49.77	ng	98
39) Methylnaphthalenes (To...	7.418	142	231269	49.77	ng	98
40) 1,1'-Biphenyl	7.792	154	291601	49.47	ng	92
42) 1,2,4,5-Tetrachloroben...	7.552	216	127876	52.45	ng	99
43) Hexachlorocyclopentadiene	7.541	237	79062	91.68	ng	99
44) 2,4,6-Trichlorophenol	7.637	196	77331	53.04	ng	99
45) 2,4,5-Trichlorophenol	7.669	196	83451	52.58	ng	98
47) 2-Chloronaphthalene	7.819	162	218189	49.92	ng	92
48) 1,4-Dimethylnaphthalene	8.097	156	179977	49.71	ng	86
49) Dimethylnaphthalenes (...	8.097	156	179977	49.71	ng	86
50) Diphenyl Ether	7.878	170	163145	48.32	ng	75
51) 2-Nitroaniline	7.894	65	78929	43.21	ng	51
52) Acenaphthylene	8.177	152	360490	50.47	ng	98
53) Dimethylphthalate	8.038	163	256017	49.94	ng	98
54) 2,6-Dinitrotoluene	8.092	165	61823	51.64	ng	61
55) Acenaphthene	8.327	153	228170	51.16	ng	99
56) 3-Nitroaniline	8.242	138	55737	49.21	ng	84
57) 2,4-Dinitrophenol	8.333	184	38385	64.29	ng	80
58) Dibenzofuran	8.482	168	325781	50.22	ng	83
59) 2,4-Dinitrotoluene	8.450	165	80601	48.95	ng	62

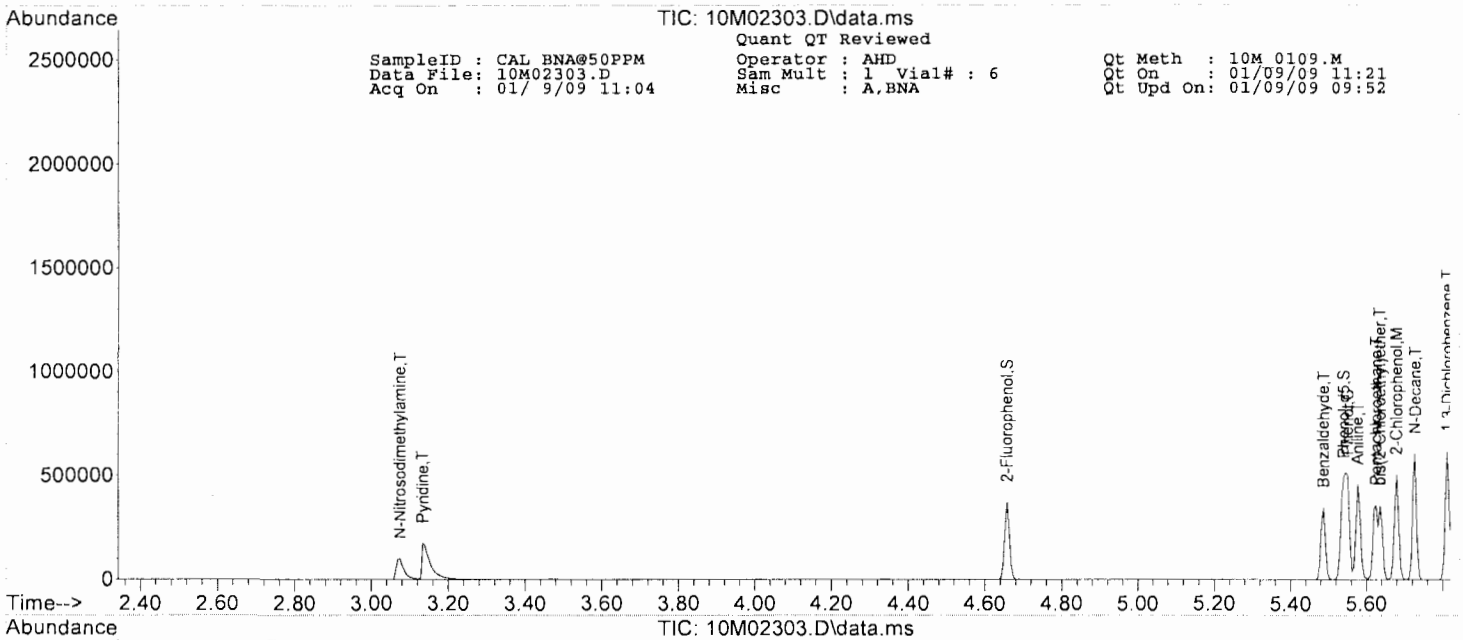
Quantitation Report (QT Reviewed)

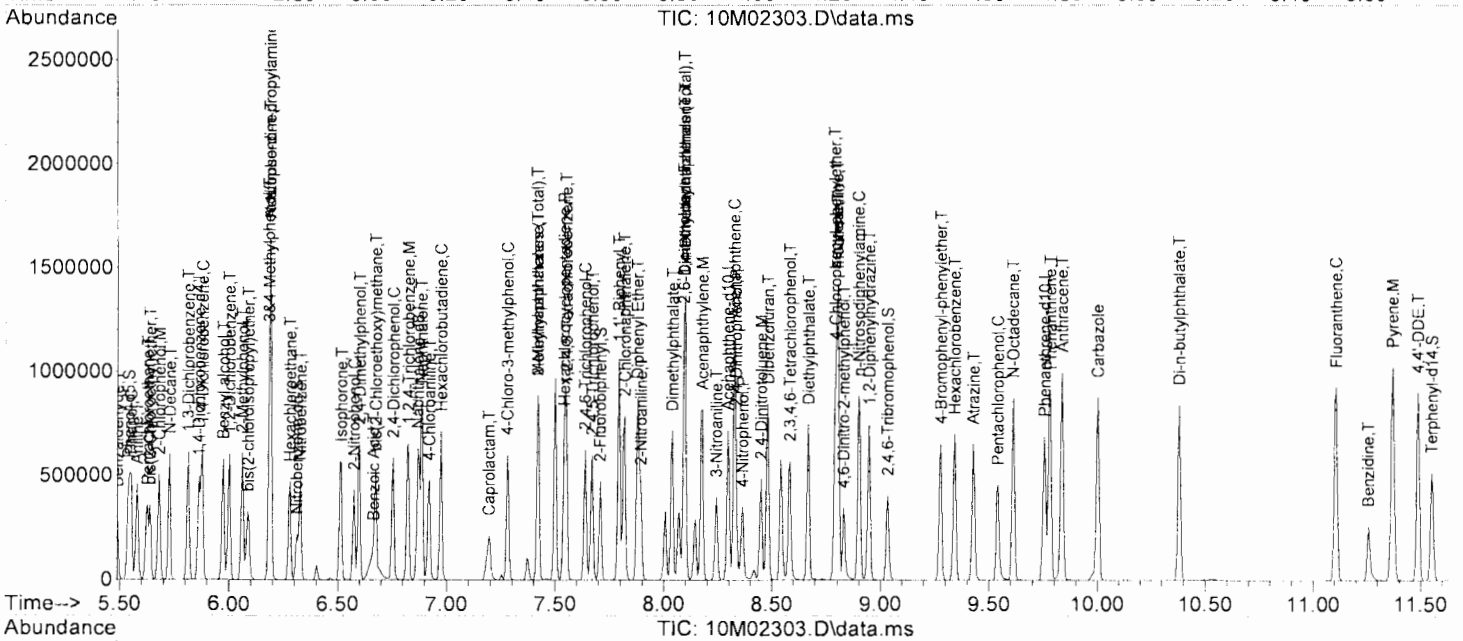
SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02303.D Sam Mult : 1 Vial# : 6 Qt On : 01/09/09 11:21
Acq On : 01/ 9/09 11:04 Misc : A,BNA Qt Upd On: 01/09/09 09:52

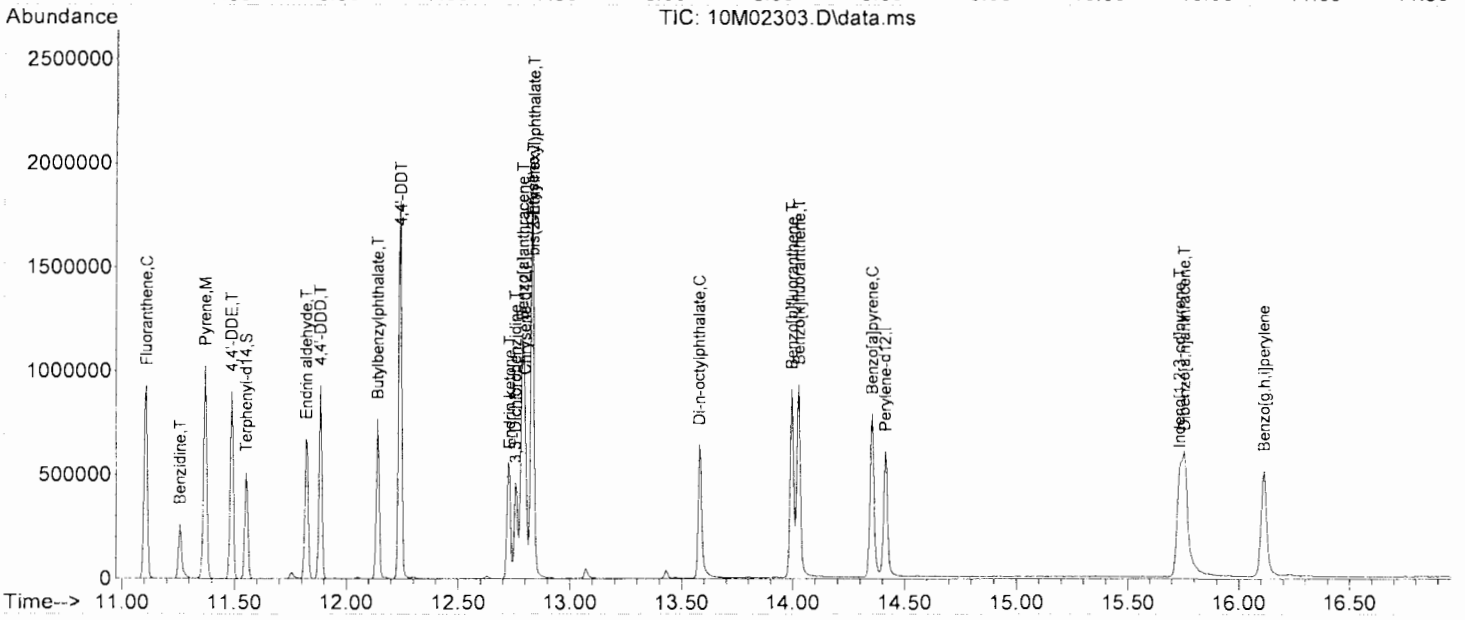
Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60)	4-Nitrophenol	8.365	65	48026	46.28 ng	85
61)	2,3,4,6-Tetrachlorophenol	8.584	232	81528	61.27 ng	81
62)	Fluorene	8.803	166	271878	48.56 ng	99
63)	4-Chlorophenyl-phenyle...	8.793	204	140691	51.98 ng	79
64)	Diethylphthalate	8.669	149	249156	47.12 ng	96
65)	4-Nitroaniline	8.803	138	64622	50.04 ng	76
66)	Atrazine	9.429	200	77428	45.94 ng	93
68)	4,6-Dinitro-2-methylph...	8.830	198	52274	55.10 ng	100
69)	n-Nitrosodiphenylamine	8.899	169	231496	48.80 ng	99
71)	1,2-Diphenylhydrazine	8.948	77	241736	43.70 ng	76
72)	4-Bromophenyl-phenylether	9.279	248	93518	57.43 ng	75
73)	Hexachlorobenzene	9.343	284	105989	59.63 ng	53
74)	N-Octadecane	9.611	57	117578	32.67 ng	68
75)	Pentachlorophenol	9.541	266	65572	75.58 ng	98
76)	Phenanthrene	9.782	178	396620	48.34 ng	96
77)	Anthracene	9.836	178	405708	47.26 ng	99
78)	Carbazole	10.001	167	367738	47.85 ng	96
79)	Di-n-butylphthalate	10.381	149	409882	43.72 ng	97
80)	Fluoranthene	11.108	202	430544	48.89 ng	81
82)	Pyrene	11.371	202	465599	45.03 ng	79
83)	Benzidine	11.258	184	111679	40.82 ng	82
85)	4,4'-DDE	11.488	246	109310	48.88 ng	86
86)	Endrin	11.820	81	21244	35.66 ng	15
87)	4,4'-DDD	11.884	235	181406	48.46 ng	93
88)	Butylbenzylphthalate	12.141	149	178400	39.08 ng	68
89)	Endrin aldehyde	11.820	67	11497	37.71 ng	81
90)	4,4'-DDT	12.242	235	197563	53.12 ng	93
91)	Endrin ketone	12.729	317	25326	57.74 ng	98
92)	3,3'-Dichlorobenzidine	12.756	252	130529	44.11 ng	93
93)	Benzo[a]anthracene	12.788	228	459481	46.62 ng	99
94)	Chrysene	12.831	228	449884	50.54 ng	96
95)	bis(2-Ethylhexyl)phtha...	12.836	149	250684	40.11 ng	90
97)	Di-n-octylphthalate	13.580	149	376446	32.63 ng	99
98)	Benzo[b]fluoranthene	13.997	252	444879	48.59 ng	89
99)	Benzo[k]fluoranthene	14.029	252	449907	47.52 ng	88
100)	Benzo[a]pyrene	14.355	252	422447	48.65 ng	88
101)	Indeno[1,2,3-cd]pyrene	15.735	276	462058	56.38 ng	66
102)	Dibenzo[a,h]anthracene	15.756	278	385672	55.47 ng	81
103)	Benzo[g,h,i]perylene	16.115	276	395885	59.75 ng	73

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


Abundance
TIC: 10M02303.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 10M02303.D
Acq On : 01/ 9/09 11:04
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 10M 0109.M
Qt On : 01/09/09 11:21
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02303.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,T
2,6-Dinitrotoluene,M
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
4,6-Dinitro-2-methylphenol,C
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02303.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,T
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

Sample1D : CAL BNA@2PPM
Data File: 10M02306.D
Acq On : 01/ 9/09 12:13

Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA

Qt Meth : 10M_0109.M
Qt On : 01/09/09 13:33
Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	5.862	152	42530	40.00	ng		0.00
23) Naphthalene-d8	6.867	136	163050	40.00	ng		0.00
41) Acenaphthene-d10	8.295	164	96804	40.00	ng		0.00
67) Phenanthrene-d10	9.750	188	170762	40.00	ng		0.00
81) Chrysene-d12	12.793	240	171572	40.00	ng		-0.02
96) Perylene-d12	14.414	264	184228	40.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.658	112	2349	1.98	ng		0.00
Spiked Amount 100.000			Recovery =	1.98%			
9) Phenol-d5	5.535	99	3290	1.84	ng		-0.01
Spiked Amount 100.000			Recovery =	1.84%			
24) Nitrobenzene-d5	6.305	128	642	0.96	ng		-0.01
Spiked Amount 50.000			Recovery =	1.92%			
46) 2-Fluorobiphenyl	7.707	172	3796	1.20	ng		0.00
Spiked Amount 50.000			Recovery =	2.40%			
70) 2,4,6-Tribromophenol	9.028	330	1098m	1.91	ng		-0.01
Spiked Amount 100.000			Recovery =	1.91%			
84) Terphenyl-d14	11.552	244	4831	1.04	ng		0.00
Spiked Amount 50.000			Recovery =	2.08%			
Target Compounds							Qvalue
2) Pyridine	3.198	79	2396m	2.45	ng		
3) N-Nitrosodimethylamine	3.112	74	1193	2.07	ng		73
5) Benzaldehyde	5.487	77	2010	1.80	ng		83
6) Aniline	5.578	93	2517	1.26	ng		81
7) Pentachloroethane	5.621	117	859	1.95	ng		54
8) bis(2-Chloroethyl)ether	5.637	93	2977m	2.28	ng		
10) Phenol	5.546	94	3339	1.71	ng		99
11) 2-Chlorophenol	5.680	128	2971	2.01	ng		70
12) N-Decane	5.722	57	2691	1.71	ng		81
13) 1,3-Dichlorobenzene	5.813	146	3513	2.18	ng		86
14) 1,4-Dichlorobenzene	5.878	146	4282	2.53	ng		90
15) 1,2-Dichlorobenzene	6.001	146	3279	2.09	ng		89
16) Benzyl alcohol	5.974	108	1653	1.71	ng		69
17) bis(2-chloroisopropyl)...	6.086	45	3061	1.37	ng		66
18) 2-Methylphenol	6.059	108	2806	2.01	ng		93
19) Acetophenone	6.188	105	4414	1.90	ng		67
20) Hexachloroethane	6.279	117	1377	2.18	ng		79
21) N-Nitroso-di-n-propyla...	6.182	70	2259	1.93	ng		71
22) 3&4-Methylphenol	6.182	108	3095	2.08	ng		91
25) Nitrobenzene	6.321	77	2957	1.81	ng		83
26) Isophorone	6.509	82	4861	1.65	ng		78
27) 2-Nitrophenol	6.573	139	1107	1.36	ng		83
28) 2,4-Dimethylphenol	6.594	107	2918	1.85	ng		97
29) Benzoic Acid	6.872	105	207	0.23	ng	#	18
30) bis(2-Chloroethoxy)met...	6.669	93	3139	1.90	ng		86
31) 2,4-Dichlorophenol	6.749	162	2102	1.58	ng		89
32) 1,2,4-Trichlorobenzene	6.819	180	3271	2.27	ng		92
33) Naphthalene	6.883	128	10371	2.35	ng		99
34) 4-Chloroaniline	6.915	127	2349	1.51	ng		89
35) Hexachlorobutadiene	6.974	225	1941	2.21	ng		85
36) Caprolactam	7.167	113	409	0.81	ng		50
37) 4-Chloro-3-methylphenol	7.274	107	2536	1.81	ng		92
38) 2-Methylnaphthalene	7.418	142	6500	2.09	ng		91
39) Methylnaphthalenes (To...	7.418	142	6500	2.09	ng		91
40) 1,1'-Biphenyl	7.792	154	8442	2.14	ng		82
42) 1,2,4,5-Tetrachloroben...	7.552	216	3892	2.43	ng		87
43) Hexachlorocyclopentadiene	7.541	237	1554	2.74	ng		94
44) 2,4,6-Trichlorophenol	7.637	196	1454	1.52	ng		95
45) 2,4,5-Trichlorophenol	7.664	196	1885	1.81	ng		82
47) 2-Chloronaphthalene	7.814	162	6968	2.43	ng		89
48) 1,4-Dimethylnaphthalene	8.092	156	5109	2.15	ng		86
49) Dimethylnaphthalenes (...	8.092	156	5109	2.15	ng		86
50) Diphenyl Ether	7.878	170	4655	2.10	ng		75
51) 2-Nitroaniline	7.889	65	1844	1.54	ng		80
52) Acenaphthylene	8.172	152	9664	2.06	ng		98
53) Dimethylphthalate	8.033	163	7148	2.12	ng		93
54) 2,6-Dinitrotoluene	8.087	165	1415	1.80	ng		53
55) Acenaphthene	8.322	153	6878	2.35	ng		95
56) 3-Nitroaniline	8.242	138	1106	1.49	ng		72
57) 2,4-Dinitrophenol	0.000		0	N.D.			
58) Dibenzofuran	8.477	168	9405	2.21	ng		85
59) 2,4-Dinitrotoluene	8.445	165	1446	1.34	ng		80

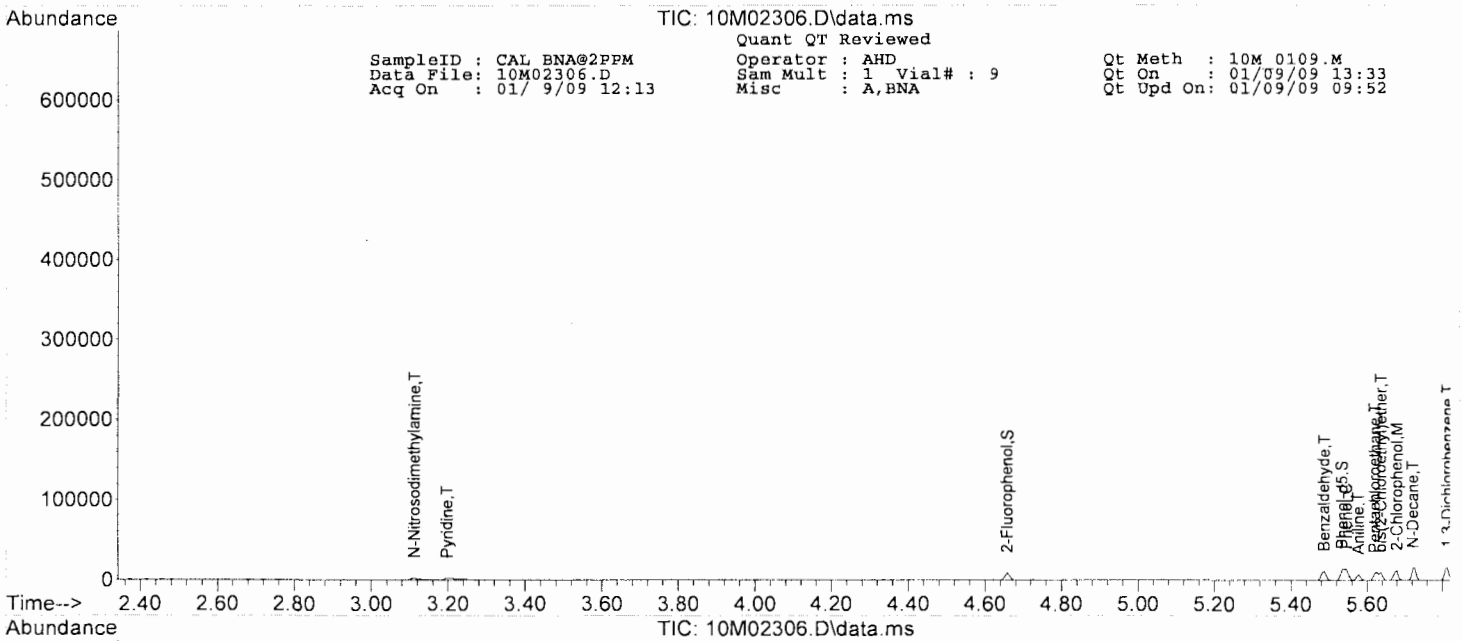
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02306.D Sam Mult : 1 Vial# : 9 Qt On : 01/09/09 13:33
Acq On : 01/ 9/09 12:13 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60)	4-Nitrophenol	8.359	65	722	1.06 ng	69
61)	2,3,4,6-Tetrachlorophenol	8.584	232	1923	2.20 ng	72
62)	Fluorene	8.798	166	7422	2.02 ng	96
63)	4-Chlorophenyl-phenyle...	8.787	204	4143	2.33 ng	65
64)	Diethylphthalate	8.664	149	6675	1.92 ng	87
65)	4-Nitroaniline	8.798	138	1378	1.62 ng	82
66)	Atrazine	9.424	200	1882	1.70 ng	89
68)	4,6-Dinitro-2-methylph...	8.846	198	75	0.12 ng	100
69)	n-Nitrosodiphenylamine	8.900	169	6358	1.99 ng	89
71)	1,2-Diphenylhydrazine	8.942	77	5933	1.60 ng	76
72)	4-Bromophenyl-phenylether	9.279	248	2535	2.32 ng	73
73)	Hexachlorobenzene	9.343	284	3022	2.53 ng	59
74)	N-Octadecane	9.611	57	2663	1.10 ng	85
75)	Pentachlorophenol	9.552	266	504	0.86 ng	90
76)	Phenanthrene	9.777	178	11971	2.17 ng	97
77)	Anthracene	9.830	178	10527	1.82 ng	95
78)	Carbazole	9.996	167	9964	1.93 ng	98
79)	Di-n-butylphthalate	10.381	149	7955	1.26 ng	100
80)	Fluoranthene	11.103	202	10534	1.78 ng	75
82)	Pyrene	11.371	202	11250	1.71 ng	83
83)	Benzidine	11.264	184	996	0.57 ng	64
85)	4,4'-DDE	11.488	246	2613	1.83 ng	90
86)	Endrin	11.815	81	383	1.01 ng	1
87)	4,4'-DDD	11.884	235	3596	1.51 ng	85
88)	Butylbenzylphthalate	12.141	149	2738	0.94 ng	83
89)	Endrin aldehyde	11.820	67	360m	1.85 ng	
90)	4,4'-DDT	12.242	235	3313	1.40 ng	91
91)	Endrin ketone	12.724	317	440	1.58 ng	71
92)	3,3'-Dichlorobenzidine	12.756	252	1879	1.00 ng	89
93)	Benzo[a]anthracene	12.783	228	11860	1.89 ng	98
94)	Chrysene	12.825	228	12763	2.25 ng	92
95)	bis(2-Ethylhexyl)phtha...	12.831	149	4272	1.07 ng	94
97)	Di-n-octylphthalate	13.580	149	4951	0.64 ng	88
98)	Benzo[b]fluoranthene	13.991	252	10111	1.64 ng	90
99)	Benzo[k]fluoranthene	14.024	252	11893	1.86 ng	95
100)	Benzo[a]pyrene	14.350	252	9240	1.58 ng	94
101)	Indeno[1,2,3-cd]pyrene	15.735	276	9195	1.66 ng	78
102)	Dibenzo[a,h]anthracene	15.756	278	7995	1.70 ng	76
103)	Benzo[g,h,i]perylene	16.104	276	9308	2.08 ng	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed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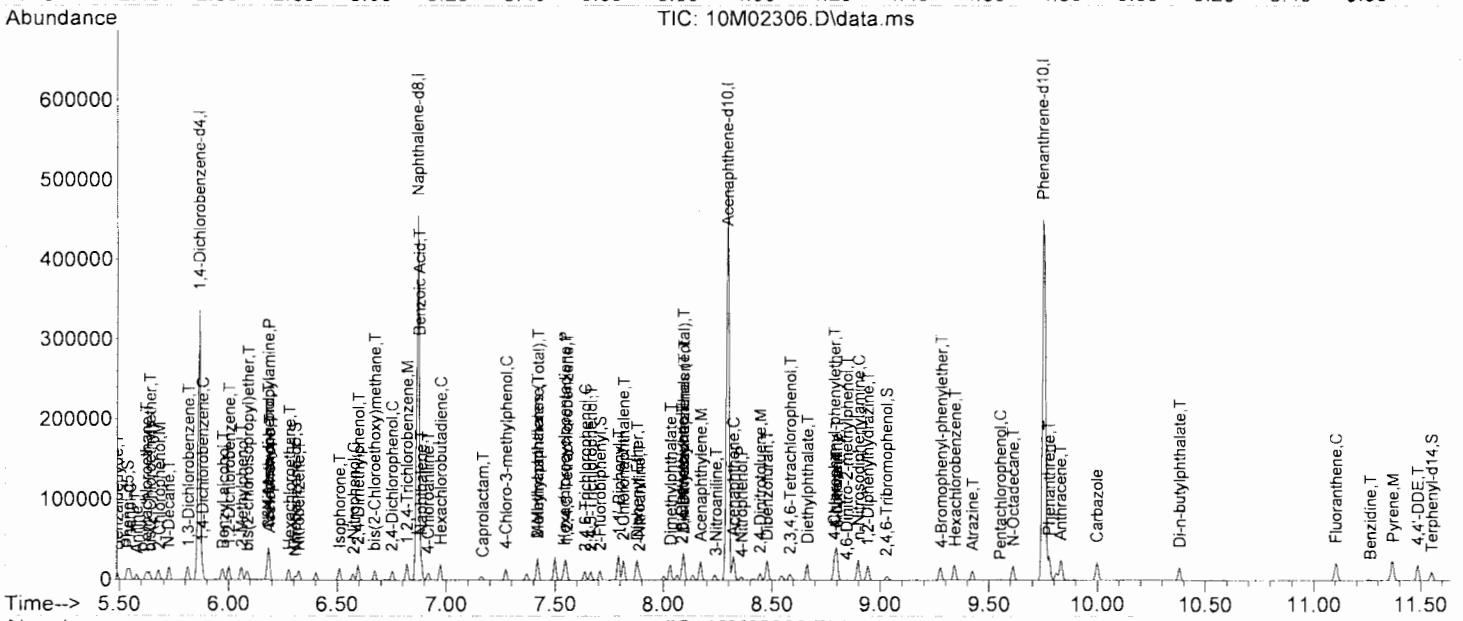
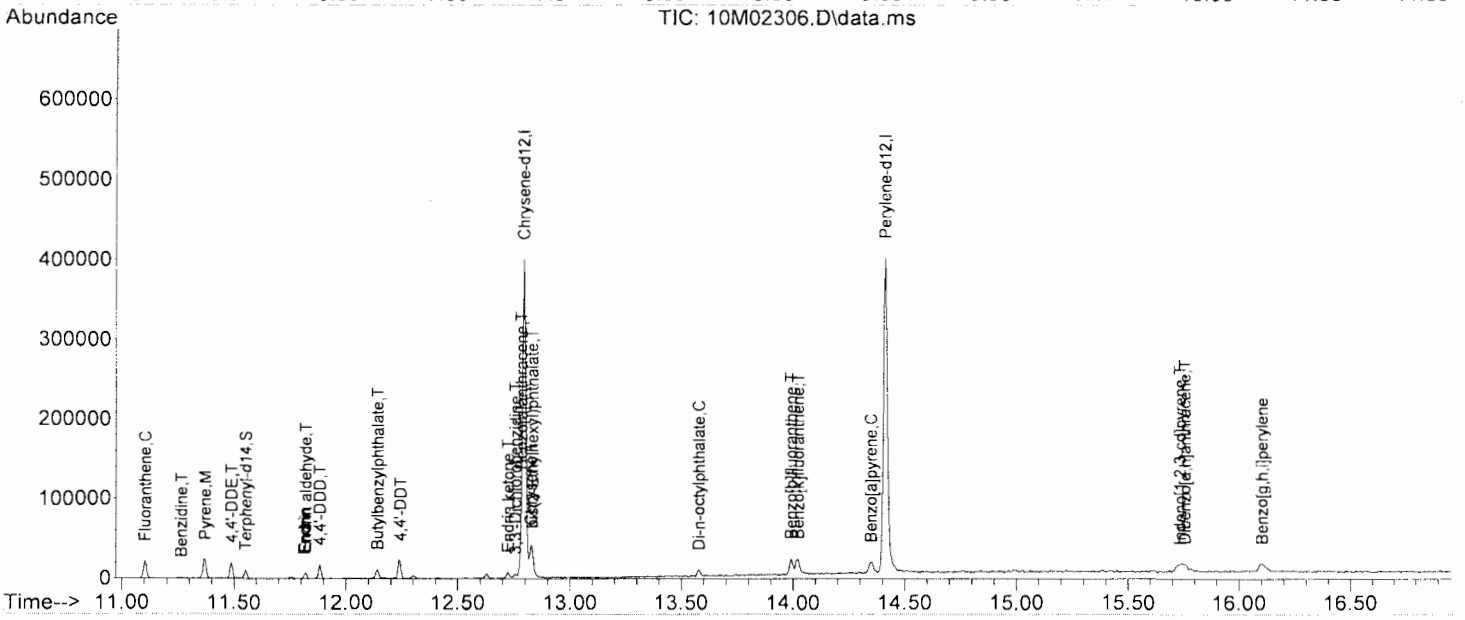
Quant QT Reviewed
SampleID : CAL BNA@2PPM
Data File: 10M02306.D
Acq On : 01/ 9/09 12:13
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 13:33
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02306.D\data.ms
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Benzoic Acid,T
Isophorone,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Diethylphthalate,T
Acenaphthylene,M
2,3,4,6-Tetrachlorophenol,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02306.D\data.ms
Chrysene-d12,I
Perylene-d12,I
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM
Data File: 10M02305.D
Acq On : 01/ 9/09 11:50

Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA

Qt Meth : 10M_0109.M
Qt On : 01/09/09 13:32
Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.862	152	63480	40.00	ng	0.00
23) Naphthalene-d8	6.867	136	243919	40.00	ng	0.00
41) Acenaphthene-d10	8.295	164	152439	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	258552	40.00	ng	0.00
81) Chrysene-d12	12.799	240	280537	40.00	ng	-0.01
96) Perylene-d12	14.414	264	295232	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	17794	10.07	ng	0.00
Spiked Amount 100.000			Recovery = 10.07%			
9) Phenol-d5	5.535	99	24101	9.01	ng	-0.01
Spiked Amount 100.000			Recovery = 9.01%			
24) Nitrobenzene-d5	6.311	128	5121	5.10	ng	0.00
Spiked Amount 50.000			Recovery = 10.20%			
46) 2-Fluorobiphenyl	7.707	172	27561	5.52	ng	0.00
Spiked Amount 50.000			Recovery = 11.04%			
70) 2,4,6-Tribromophenol	9.033	330	10496	12.03	ng	0.00
Spiked Amount 100.000			Recovery = 12.03%			
84) Terphenyl-d14	11.553	244	39154	5.18	ng	0.00
Spiked Amount 50.000			Recovery = 10.36%			
Target Compounds						Qvalue
2) Pyridine	3.155	79	21463	14.73	ng	73
3) N-Nitrosodimethylamine	3.080	74	10127	11.77	ng	91
5) Benzaldehyde	5.487	77	15920	9.57	ng	70
6) Aniline	5.578	93	24023	8.05	ng	85
7) Pentachloroethane	5.621	117	6375	9.69	ng	60
8) bis(2-Chloroethyl)ether	5.637	93	19054	9.76	ng	80
10) Phenol	5.546	94	27115	9.30	ng	94
11) 2-Chlorophenol	5.674	128	22208	10.05	ng	75
12) N-Decane	5.728	57	18123	7.72	ng	72
13) 1,3-Dichlorobenzene	5.814	146	25902	10.76	ng	95
14) 1,4-Dichlorobenzene	5.878	146	26477	10.48	ng	97
15) 1,2-Dichlorobenzene	6.001	146	25139	10.74	ng	92
16) Benzyl alcohol	5.969	108	14678	10.16	ng	91
17) bis(2-chloroisopropyl)...	6.086	45	20908	6.27	ng	58
18) 2-Methylphenol	6.060	108	19902	9.53	ng	99
19) Acetophenone	6.188	105	33361	9.61	ng	65
20) Hexachloroethane	6.274	117	9292	9.83	ng	70
21) N-Nitroso-di-n-propyla...	6.183	70	16445	9.40	ng	77
22) 3&4-Methylphenol	6.183	108	21758	9.81	ng	99
25) Nitrobenzene	6.322	77	25048	10.22	ng	85
26) Isophorone	6.509	82	40952	9.28	ng	81
27) 2-Nitrophenol	6.573	139	12099	9.90	ng	96
28) 2,4-Dimethylphenol	6.594	107	23960	10.17	ng	96
29) Benzoic Acid	6.637	105	7991	5.91	ng	96
30) bis(2-Chloroethoxy)met...	6.669	93	24388	9.88	ng	95
31) 2,4-Dichlorophenol	6.750	162	19890	10.02	ng	86
32) 1,2,4-Trichlorobenzene	6.819	180	23646	10.96	ng	96
33) Naphthalene	6.883	128	71798	10.86	ng	96
34) 4-Chloroaniline	6.921	127	21545	9.23	ng	99
35) Hexachlorobutadiene	6.974	225	14367	10.92	ng	88
36) Caprolactam	7.167	113	6743m	8.91	ng	
37) 4-Chloro-3-methylphenol	7.274	107	20084	9.58	ng	81
38) 2-Methylnaphthalene	7.418	142	49663	10.68	ng	97
39) Methylnaphthalenes (To...	7.418	142	49663	10.68	ng	97
40) 1,1'-Biphenyl	7.793	154	62446	10.59	ng	90
42) 1,2,4,5-Tetrachloroben...	7.552	216	27780	11.01	ng	91
43) Hexachlorocyclopentadiene	7.541	237	13949	15.63	ng	97
44) 2,4,6-Trichlorophenol	7.637	196	15767	10.45	ng	98
45) 2,4,5-Trichlorophenol	7.664	196	17451	10.62	ng	99
47) 2-Chloronaphthalene	7.814	162	46835	10.35	ng	93
48) 1,4-Dimethylnaphthalene	8.092	156	37980	10.14	ng	91
49) Dimethylnaphthalenes (...	8.092	156	37980	10.14	ng	91
50) Diphenyl Ether	7.878	170	35210	10.08	ng	76
51) 2-Nitroaniline	7.889	65	15654	8.28	ng	71
52) Acenaphthylene	8.172	152	75509	10.21	ng	98
53) Dimethylphthalate	8.033	163	55221	10.41	ng	97
54) 2,6-Dinitrotoluene	8.092	165	12845	10.37	ng	60
55) Acenaphthene	8.322	153	49734	10.77	ng	92
56) 3-Nitroaniline	8.242	138	10779	9.20	ng	70
57) 2,4-Dinitrophenol	8.333	184	3829	6.20	ng	67
58) Dibenzofuran	8.477	168	69232	10.31	ng	82
59) 2,4-Dinitrotoluene	8.445	165	16330	9.58	ng	67

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM
Data File: 10M02305.D
Acq On : 01/ 9/09 11:50

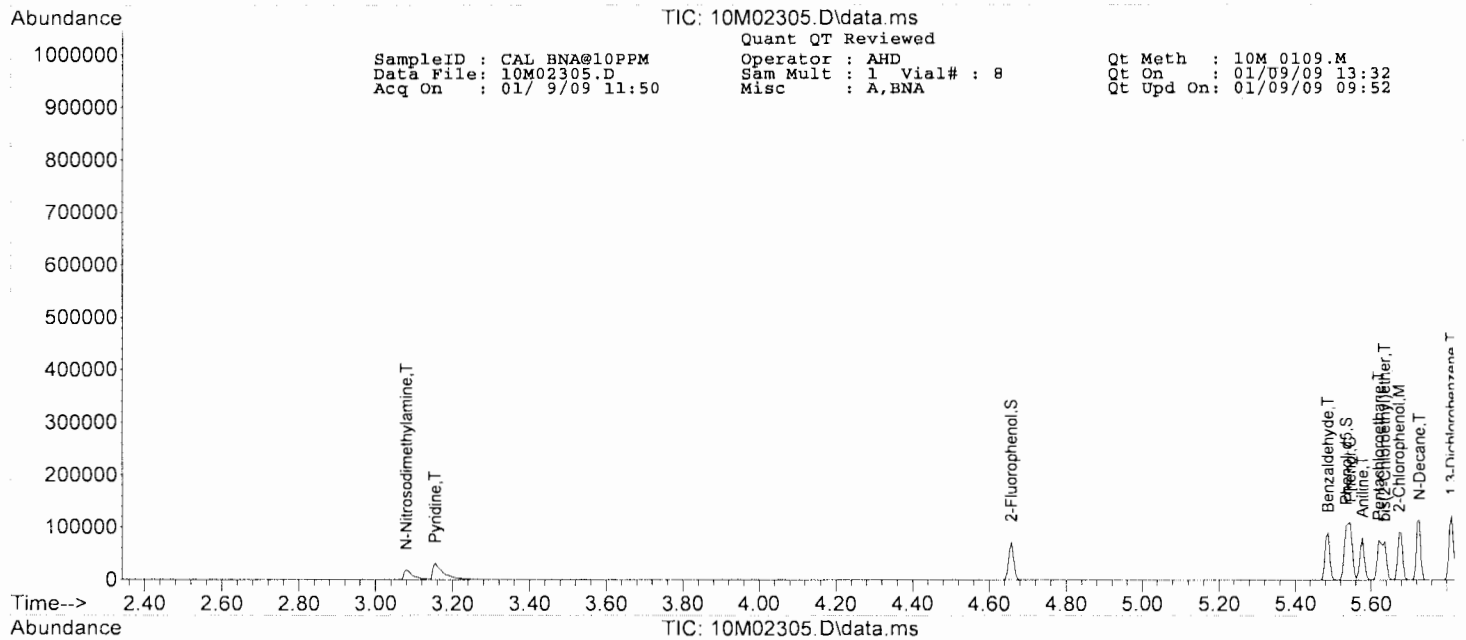
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA

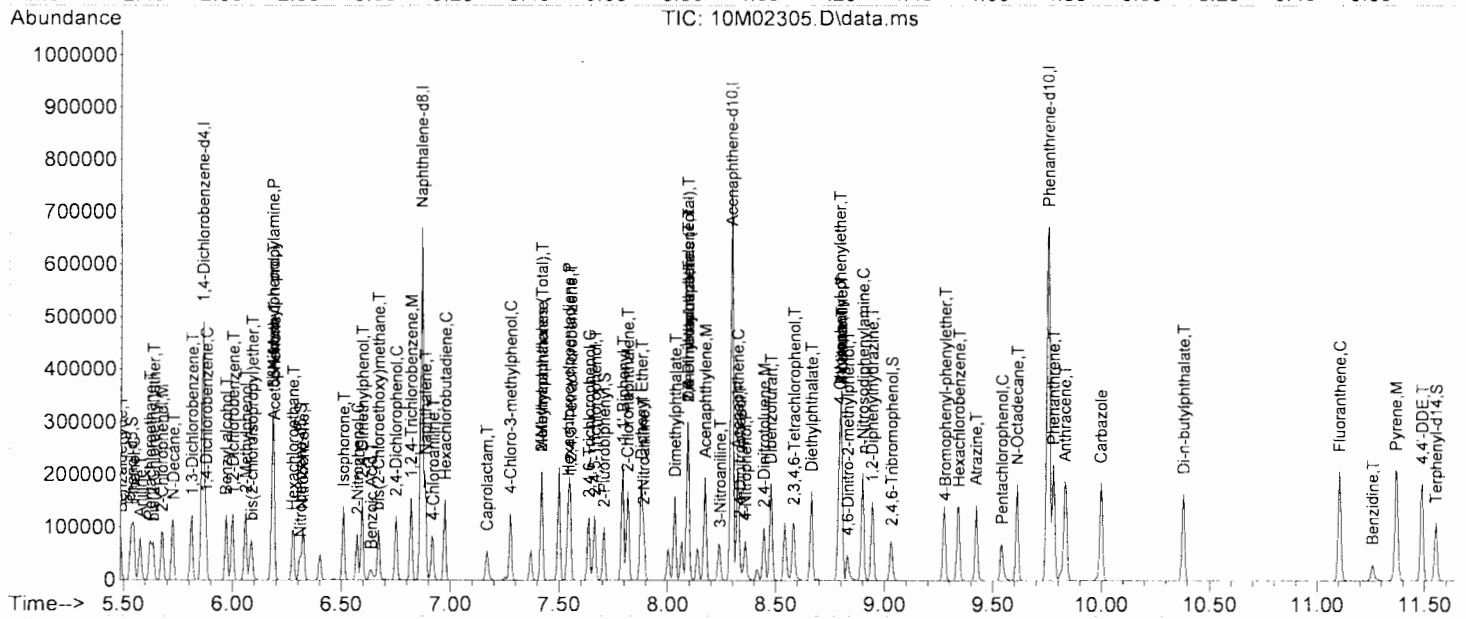
Qt Meth : 10M_0109.M
Qt On : 01/09/09 13:32
Qt Upd On: 01/09/09 09:52

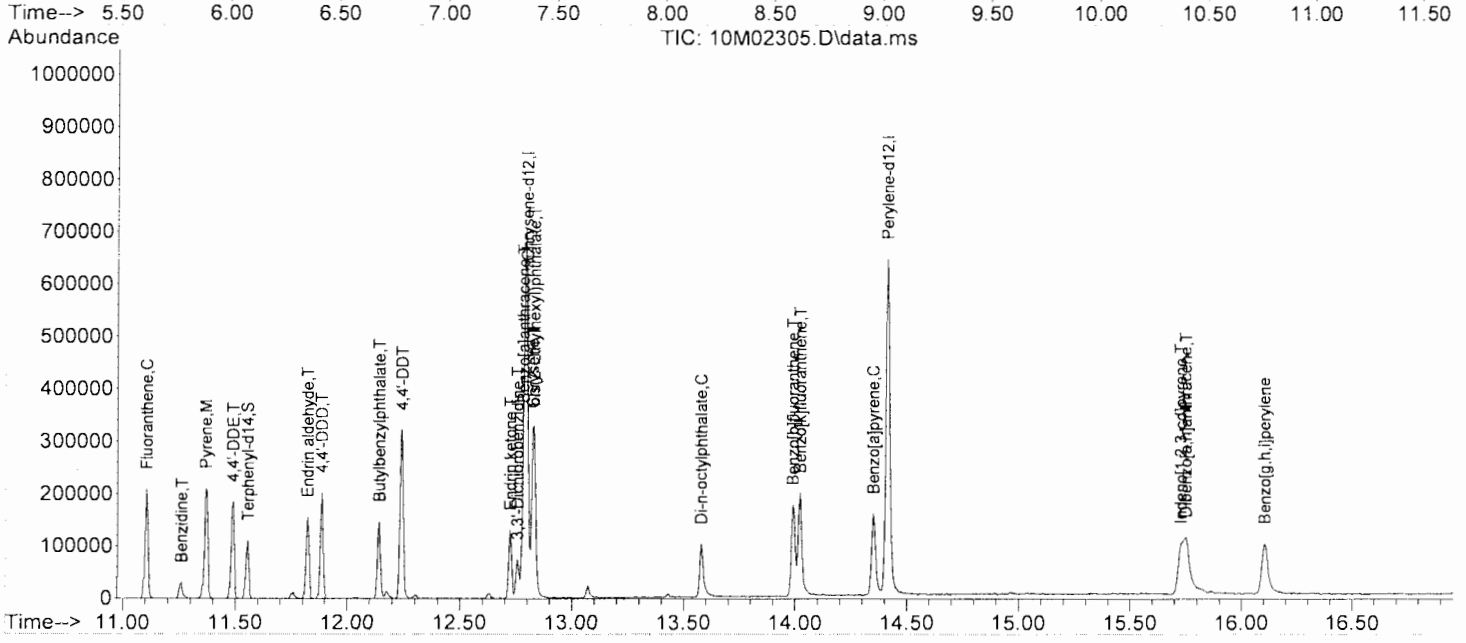
Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.360	65	10274	9.57	ng	79
61)	2,3,4,6-Tetrachlorophenol	8.584	232	15771	11.45	ng	78
62)	Fluorene	8.798	166	58997	10.18	ng	95
63)	4-Chlorophenyl-phenyle...	8.793	204	30349	10.83	ng	79
64)	Diethylphthalate	8.664	149	52951	9.68	ng	94
65)	4-Nitroaniline	8.798	138	12565	9.40	ng	81
66)	Atrazine	9.424	200	16541	9.48	ng	93
68)	4,6-Dinitro-2-methylph...	8.830	198	7780	8.05	ng	100
69)	n-Nitrosodiphenylamine	8.900	169	49029	10.15	ng	97
71)	1,2-Diphenylhydrazine	8.943	77	50926	9.04	ng	76
72)	4-Bromophenyl-phenylether	9.279	248	20159	12.16	ng	67
73)	Hexachlorobenzene	9.344	284	23818	13.16	ng	50
74)	N-Octadecane	9.611	57	24365	6.65	ng	65
75)	Pentachlorophenol	9.542	266	11440	12.95	ng	94
76)	Phenanthrene	9.777	178	85310	10.21	ng	98
77)	Anthracene	9.830	178	83783	9.59	ng	98
78)	Carbazole	9.996	167	79214	10.12	ng	95
79)	Di-n-butylphthalate	10.381	149	81360	8.52	ng	97
80)	Fluoranthene	11.103	202	90450	10.09	ng	80
82)	Pyrene	11.365	202	99188	9.21	ng	80
83)	Benzidine	11.258	184	16191	5.68	ng	81
85)	4,4'-DDE	11.488	246	23470	10.08	ng	86
86)	Endrin	11.820	81	4386	7.07	ng	18
87)	4,4'-DDD	11.884	235	36698	9.41	ng	90
88)	Butylbenzylphthalate	12.141	149	34922	7.35	ng	66
89)	Endrin aldehyde	11.820	67	2280	7.18	ng	64
90)	4,4'-DDT	12.243	235	39367	10.16	ng	94
91)	Endrin ketone	12.724	317	5576	12.21	ng	96
92)	3,3'-Dichlorobenzidine	12.756	252	20910	6.79	ng	94
93)	Benzo[a]anthracene	12.783	228	99339	9.68	ng	98
94)	Chrysene	12.826	228	100983	10.89	ng	97
95)	bis(2-Ethylhexyl)phtha...	12.831	149	49003	7.53	ng	93
97)	Di-n-octylphthalate	13.580	149	64253	5.15	ng	99
98)	Benzo[b]fluoranthene	13.992	252	90155	9.10	ng	89
99)	Benzo[k]fluoranthene	14.024	252	101456	9.90	ng	88
100)	Benzo[a]pyrene	14.350	252	86439	9.20	ng	87
101)	Indeno[1,2,3-cd]pyrene	15.730	276	94284	10.63	ng	73
102)	Dibenzo[a,h]anthracene	15.751	278	73180	9.73	ng	82
103)	Benzo[g,h,i]perylene	16.104	276	81576	11.38	ng	74

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


Abundance
TIC: 10M02305.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@10PPM
Data File: 10M02305.D
Acq On : 01/ 9/09 11:50
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 13:32
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02305.D\data.ms
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02305.D\data.ms
Perylene-d12,I
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Indeno[1,2,3-cd]pyrene,T
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene
Time-->

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@20PPM
Data File: 10M02304.D
Acq On : 01/ 9/09 11:27

Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA

Qt Meth : 10M_0109.M
Qt On : 01/09/09 13:26
Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.862	152	63746	40.00	ng	0.00
23) Naphthalene-d8	6.867	136	237800	40.00	ng	0.00
41) Acenaphthene-d10	8.295	164	140063	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	249388	40.00	ng	0.00
81) Chrysene-d12	12.793	240	267980	40.00	ng	-0.02
96) Perylene-d12	14.414	264	274224	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	34161	19.26	ng	0.00
Spiked Amount 100.000			Recovery = 19.26%			
9) Phenol-d5	5.535	99	47118	17.55	ng	-0.01
Spiked Amount 100.000			Recovery = 17.55%			
24) Nitrobenzene-d5	6.311	128	10141	10.36	ng	0.00
Spiked Amount 50.000			Recovery = 20.72%			
46) 2-Fluorobiphenyl	7.707	172	51269	11.19	ng	0.00
Spiked Amount 50.000			Recovery = 22.38%			
70) 2,4,6-Tribromophenol	9.033	330	21573	25.63	ng	0.00
Spiked Amount 100.000			Recovery = 25.63%			
84) Terphenyl-d14	11.553	244	74710	10.34	ng	0.00
Spiked Amount 50.000			Recovery = 20.68%			
Target Compounds						Qvalue
2) Pyridine	3.144	79	33853	23.13	ng	68
3) N-Nitrosodimethylamine	3.075	74	19331	22.37	ng	92
5) Benzaldehyde	5.487	77	29204	17.49	ng	73
6) Aniline	5.578	93	51231	17.10	ng	84
7) Pentachloroethane	5.621	117	12046	18.24	ng	63
8) bis(2-Chloroethyl)ether	5.637	93	36198	18.46	ng	78
10) Phenol	5.546	94	49693	16.97	ng	97
11) 2-Chlorophenol	5.680	128	41884	18.88	ng	76
12) N-Decane	5.728	57	34519	14.64	ng	73
13) 1,3-Dichlorobenzene	5.813	146	46563	19.26	ng	90
14) 1,4-Dichlorobenzene	5.878	146	49965	19.69	ng	98
15) 1,2-Dichlorobenzene	6.001	146	45398	19.31	ng	98
16) Benzyl alcohol	5.969	108	26519	18.28	ng	88
17) bis(2-chloroisopropyl)...	6.086	45	39888	11.91	ng	50
18) 2-Methylphenol	6.059	108	38326	18.28	ng	99
19) Acetophenone	6.188	105	59311	17.02	ng	73
20) Hexachloroethane	6.273	117	17791	18.75	ng	75
21) N-Nitroso-di-n-propyla...	6.188	70	31338	17.84	ng	71
22) 3&4-Methylphenol	6.183	108	40293	18.09	ng	97
25) Nitrobenzene	6.322	77	44570	18.66	ng	87
26) Isophorone	6.509	82	78656	18.29	ng	84
27) 2-Nitrophenol	6.573	139	23509	19.74	ng	94
28) 2,4-Dimethylphenol	6.594	107	43450	18.91	ng	95
29) Benzoic Acid	6.648	105	22637	17.16	ng	96
30) bis(2-Chloroethoxy)met...	6.669	93	44380	18.45	ng	96
31) 2,4-Dichlorophenol	6.755	162	37771	19.51	ng	82
32) 1,2,4-Trichlorobenzene	6.819	180	43797	20.83	ng	96
33) Naphthalene	6.883	128	129730	20.12	ng	97
34) 4-Chloroaniline	6.915	127	44358	19.49	ng	99
35) Hexachlorobutadiene	6.974	225	27071	21.11	ng	98
36) Caprolactam	7.172	113	13391	18.15	ng	56
37) 4-Chloro-3-methylphenol	7.279	107	38271	18.73	ng	78
38) 2-Methylnaphthalene	7.418	142	91542	20.19	ng	100
39) Methylnaphthalenes (To...	7.418	142	91542	20.19	ng	100
40) 1,1'-Biphenyl	7.792	154	114668	19.94	ng	91
42) 1,2,4,5-Tetrachloroben...	7.552	216	49757	21.46	ng	97
43) Hexachlorocyclopentadiene	7.541	237	29393	35.84	ng	95
44) 2,4,6-Trichlorophenol	7.637	196	30171	21.76	ng	98
45) 2,4,5-Trichlorophenol	7.664	196	31568	20.91	ng	98
47) 2-Chloronaphthalene	7.819	162	88674	21.33	ng	90
48) 1,4-Dimethylnaphthalene	8.097	156	70551	20.49	ng	88
49) Dimethylnaphthalenes (...	8.097	156	70551	20.49	ng	88
50) Diphenyl Ether	7.878	170	64591	20.12	ng	75
51) 2-Nitroaniline	7.889	65	30609	17.62	ng	65
52) Acenaphthylene	8.172	152	140818	20.73	ng	99
53) Dimethylphthalate	8.033	163	100481	20.61	ng	98
54) 2,6-Dinitrotoluene	8.092	165	23743	20.86	ng	64
55) Acenaphthene	8.322	153	90889	21.43	ng	96
56) 3-Nitroaniline	8.242	138	20680	19.20	ng	77
57) 2,4-Dinitrophenol	8.333	184	10875	19.15	ng	68
58) Dibenzofuran	8.477	168	127040	20.59	ng	84
59) 2,4-Dinitrotoluene	8.445	165	31357	20.02	ng	68

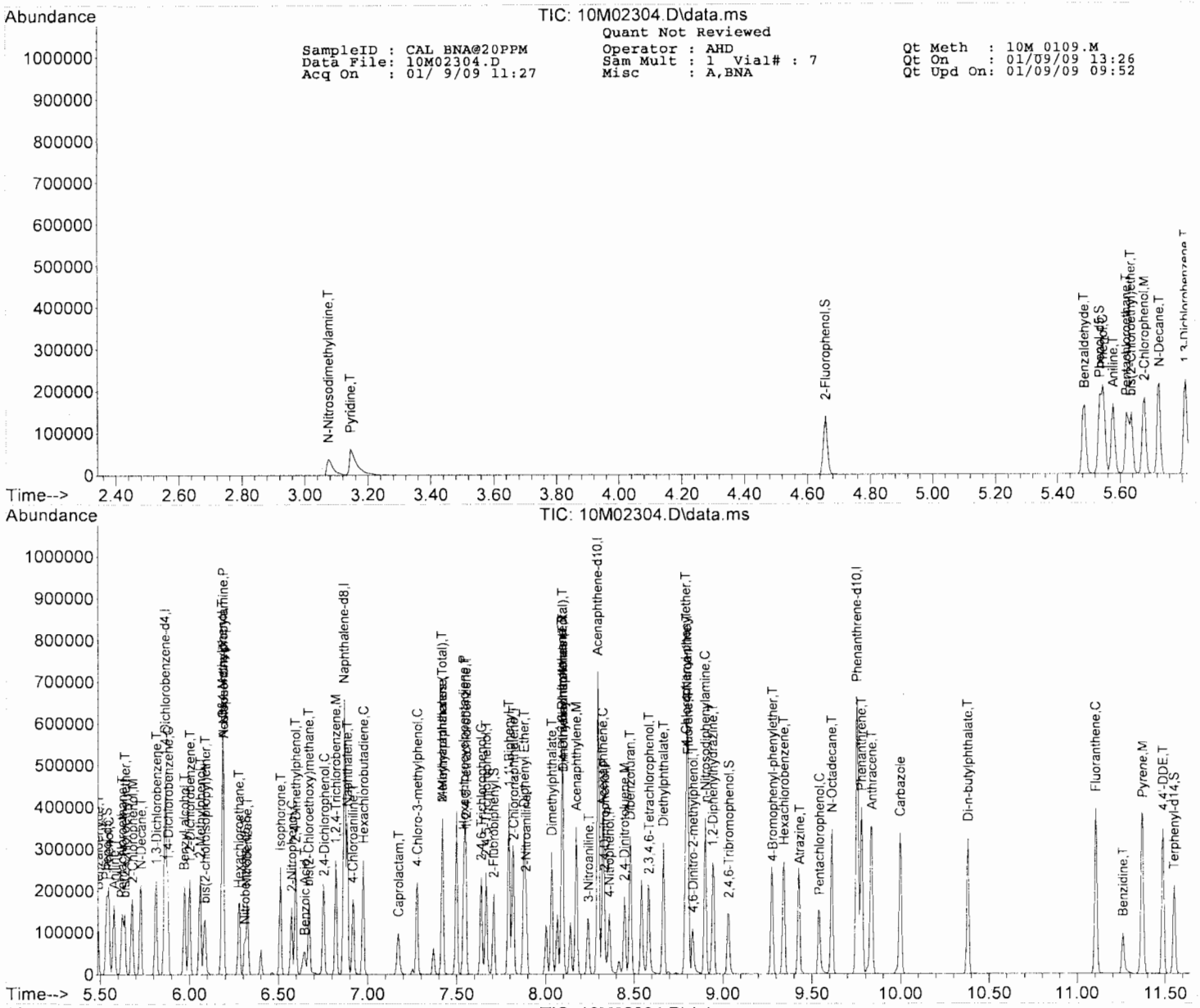
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02304.D Sam Mult : 1 Vial# : 7 Qt On : 01/09/09 13:26
Acq On : 01/ 9/09 11:27 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60)	4-Nitrophenol	8.359	65	19349	19.61 ng	77
61)	2,3,4,6-Tetrachlorophenol	8.584	232	30232	23.89 ng	80
62)	Fluorene	8.803	166	107392	20.17 ng	99
63)	4-Chlorophenyl-phenyle...	8.793	204	54715	21.26 ng	76
64)	Diethylphthalate	8.664	149	97143	19.32 ng	96
65)	4-Nitroaniline	8.798	138	23804	19.38 ng	81
66)	Atrazine	9.429	200	30939	19.30 ng	92
68)	4,6-Dinitro-2-methylph...	8.830	198	17715	19.01 ng	100
69)	n-Nitrosodiphenylamine	8.900	169	91377	19.62 ng	98
71)	1,2-Diphenylhydrazine	8.942	77	93368	17.19 ng	81
72)	4-Bromophenyl-phenylether	9.279	248	37979	23.75 ng	70
73)	Hexachlorobenzene	9.344	284	41982	24.05 ng	56
74)	N-Octadecane	9.611	57	44770	12.67 ng	61
75)	Pentachlorophenol	9.541	266	23970	28.13 ng	93
76)	Phenanthrene	9.777	178	155870	19.35 ng	98
77)	Anthracene	9.836	178	161156	19.12 ng	97
78)	Carbazole	9.996	167	144839	19.19 ng	95
79)	Di-n-butylphthalate	10.381	149	154330	16.76 ng	98
80)	Fluoranthene	11.103	202	170386	19.70 ng	82
82)	Pyrene	11.371	202	186482	18.13 ng	79
83)	Benzidine	11.258	184	43687	16.05 ng	81
85)	4,4'-DDE	11.488	246	43976	19.77 ng	89
86)	Endrin	11.820	81	7833	13.21 ng	5
87)	4,4'-DDD	11.884	235	71544	19.21 ng	92
88)	Butylbenzylphthalate	12.141	149	66324	14.60 ng	67
89)	Endrin aldehyde	11.820	67	4664	15.38 ng	83
90)	4,4'-DDT	12.243	235	75170	20.31 ng	93
91)	Endrin ketone	12.724	317	9749	22.34 ng	97
92)	3,3'-Dichlorobenzidine	12.756	252	43020	14.61 ng	93
93)	Benzo[a]anthracene	12.783	228	184036	18.77 ng	98
94)	Chrysene	12.826	228	183476	20.72 ng	97
95)	bis(2-Ethylhexyl)phtha...	12.831	149	92900	14.94 ng	90
97)	Di-n-octylphthalate	13.580	149	133902	11.55 ng	99
98)	Benzo[b]fluoranthene	13.992	252	168619	18.32 ng	89
99)	Benzo[k]fluoranthene	14.024	252	183813	19.32 ng	89
100)	Benzo[a]pyrene	14.350	252	158905	18.21 ng	87
101)	Indeno[1,2,3-cd]pyrene	15.730	276	177558	21.56 ng	64
102)	Dibenzo[a,h]anthracene	15.757	278	147321	21.08 ng	80
103)	Benzo[g,h,i]perylene	16.104	276	153266	23.01 ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed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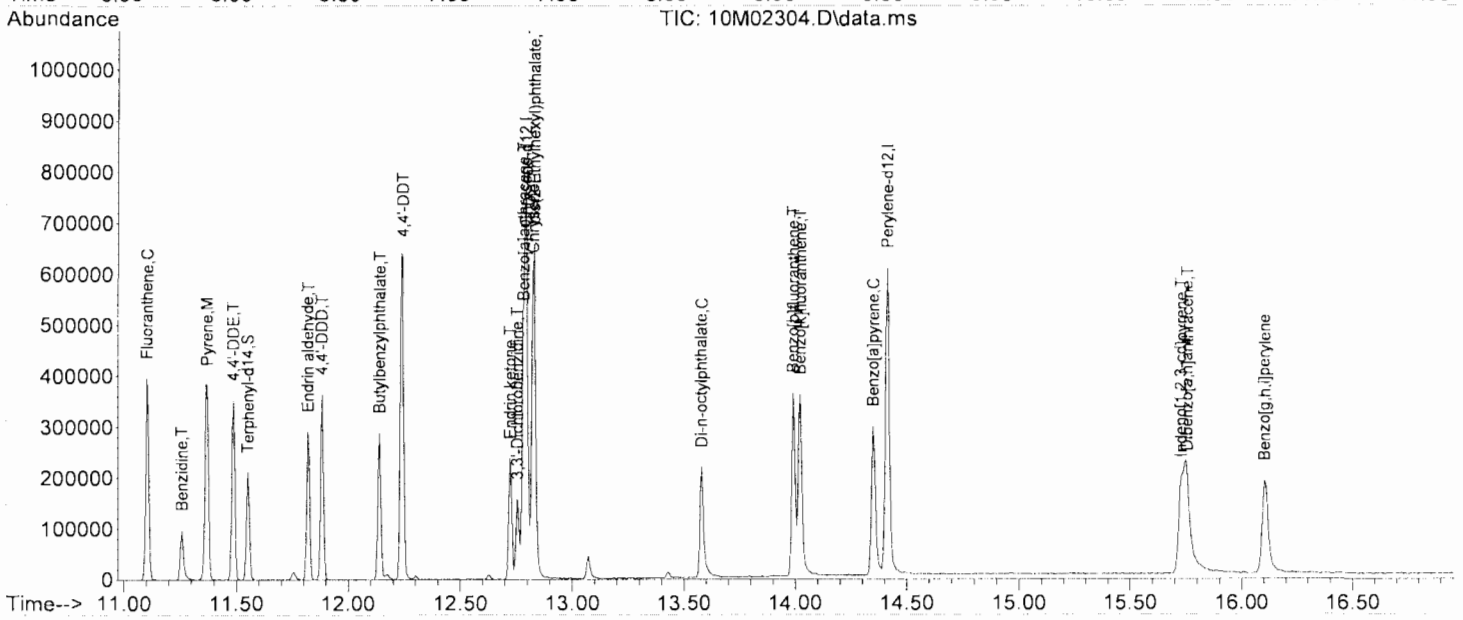
TIC: 10M02304.D\data.ms
Quant Not Reviewed
SampleID : CAL BNA@20PPM
Data File: 10M02304.D
Acq On : 01/ 9/09 11:27
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 13:26
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->

Abundance
TIC: 10M02304.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Napthalene-d8,I
Acenaphthene-d10,I
Dimethylphthalate,T
Phenanthrene-d10,I
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02304.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM
Data File: 10M02302.D
Acq On : 01/ 9/09 10:41

Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA

Qt Meth : 10M_0109.M
Qt On : 01/09/09 11:06
Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.862	152	59769	40.00	ng	0.00
23) Naphthalene-d8	6.867	136	220922	40.00	ng	0.00
41) Acenaphthene-d10	8.295	164	132964	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	233671	40.00	ng	0.00
81) Chrysene-d12	12.799	240	247410	40.00	ng	-0.01
96) Perylene-d12	14.419	264	254192	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	137635	82.75	ng	0.00
Spiked Amount 100.000			Recovery = 82.75%			
9) Phenol-d5	5.541	99	192134	76.33	ng	0.00
Spiked Amount 100.000			Recovery = 76.33%			
24) Nitrobenzene-d5	6.311	128	39002	42.88	ng	0.00
Spiked Amount 50.000			Recovery = 85.76%			
46) 2-Fluorobiphenyl	7.707	172	195278	44.88	ng	0.00
Spiked Amount 50.000			Recovery = 89.76%			
70) 2,4,6-Tribromophenol	9.033	330	81517	103.38	ng	0.00
Spiked Amount 100.000			Recovery = 103.38%			
84) Terphenyl-d14	11.553	244	290658	43.59	ng	0.00
Spiked Amount 50.000			Recovery = 87.18%			
Target Compounds						Qvalue
2) Pyridine	3.134	79	146516	106.77	ng	68
3) N-Nitrosodimethylamine	3.075	74	79287	97.87	ng	84
5) Benzaldehyde	5.487	77	76307	48.74	ng	79
6) Aniline	5.578	93	221970	79.01	ng	82
7) Pentachloroethane	5.621	117	49495	79.93	ng	67
8) bis(2-Chloroethyl)ether	5.637	93	139745	75.99	ng	77
10) Phenol	5.551	94	193792	70.57	ng	98
11) 2-Chlorophenol	5.680	128	168863	81.19	ng	78
12) N-Decane	5.728	57	131966	59.68	ng	72
13) 1,3-Dichlorobenzene	5.813	146	184535	81.40	ng	96
14) 1,4-Dichlorobenzene	5.878	146	191067	80.32	ng	98
15) 1,2-Dichlorobenzene	6.001	146	177497	80.51	ng	99
16) Benzyl alcohol	5.974	108	106088	78.01	ng	85
17) bis(2-chloroisopropyl)...	6.086	45	148739	47.35	ng	58
18) 2-Methylphenol	6.060	108	148938	75.76	ng	100
19) Acetophenone	6.188	105	233451	71.44	ng	85
20) Hexachloroethane	6.279	117	67281	75.63	ng	53
21) N-Nitroso-di-n-propyla...	6.188	70	124086	75.32	ng	79
22) 3&4-Methylphenol	6.188	108	165369	79.17	ng	97
25) Nitrobenzene	6.327	77	171162	77.12	ng	83
26) Isophorone	6.514	82	306831	76.78	ng	84
27) 2-Nitrophenol	6.573	139	93642	84.62	ng	93
28) 2,4-Dimethylphenol	6.600	107	172467	80.79	ng	97
29) Benzoic Acid	6.675	105	125767	102.64	ng	89
30) bis(2-Chloroethoxy)met...	6.675	93	176605	79.02	ng	97
31) 2,4-Dichlorophenol	6.755	162	147459	81.99	ng	87
32) 1,2,4-Trichlorobenzene	6.824	180	170919	87.49	ng	97
33) Naphthalene	6.889	128	499094	83.33	ng	98
34) 4-Chloroaniline	6.921	127	174898	82.73	ng	99
35) Hexachlorobutadiene	6.974	225	105259	88.33	ng	97
36) Caprolactam	7.204	113	49933	72.87	ng	65
37) 4-Chloro-3-methylphenol	7.279	107	152020	80.09	ng	83
38) 2-Methylnaphthalene	7.418	142	351392	83.44	ng	100
39) Methylnaphthalenes (To...	7.418	142	351392	83.44	ng	100
40) 1,1'-Biphenyl	7.792	154	439572	82.29	ng	92
42) 1,2,4,5-Tetrachloroben...	7.552	216	192763	87.57	ng	98
43) Hexachlorocyclopentadiene	7.541	237	123950	159.20	ng	96
44) 2,4,6-Trichlorophenol	7.637	196	117797	89.50	ng	99
45) 2,4,5-Trichlorophenol	7.669	196	126805	88.49	ng	99
47) 2-Chloronaphthalene	7.819	162	329904	83.61	ng	92
48) 1,4-Dimethylnaphthalene	8.097	156	274433	83.96	ng	87
49) Dimethylnaphthalenes (...	8.097	156	274433	83.96	ng	87
50) Diphenyl Ether	7.878	170	243091	79.75	ng	77
51) 2-Nitroaniline	7.894	65	119830	72.67	ng	61
52) Acenaphthylene	8.178	152	537856	83.42	ng	99
53) Dimethylphthalate	8.039	163	379588	82.01	ng	97
54) 2,6-Dinitrotoluene	8.097	165	93678	86.68	ng	59
55) Acenaphthene	8.327	153	342129	84.98	ng	98
56) 3-Nitroaniline	8.247	138	83024	81.20	ng	72
57) 2,4-Dinitrophenol	8.333	184	62246	115.48	ng	78
58) Dibenzofuran	8.482	168	483333	82.53	ng	83
59) 2,4-Dinitrotoluene	8.450	165	122699	82.53	ng	64

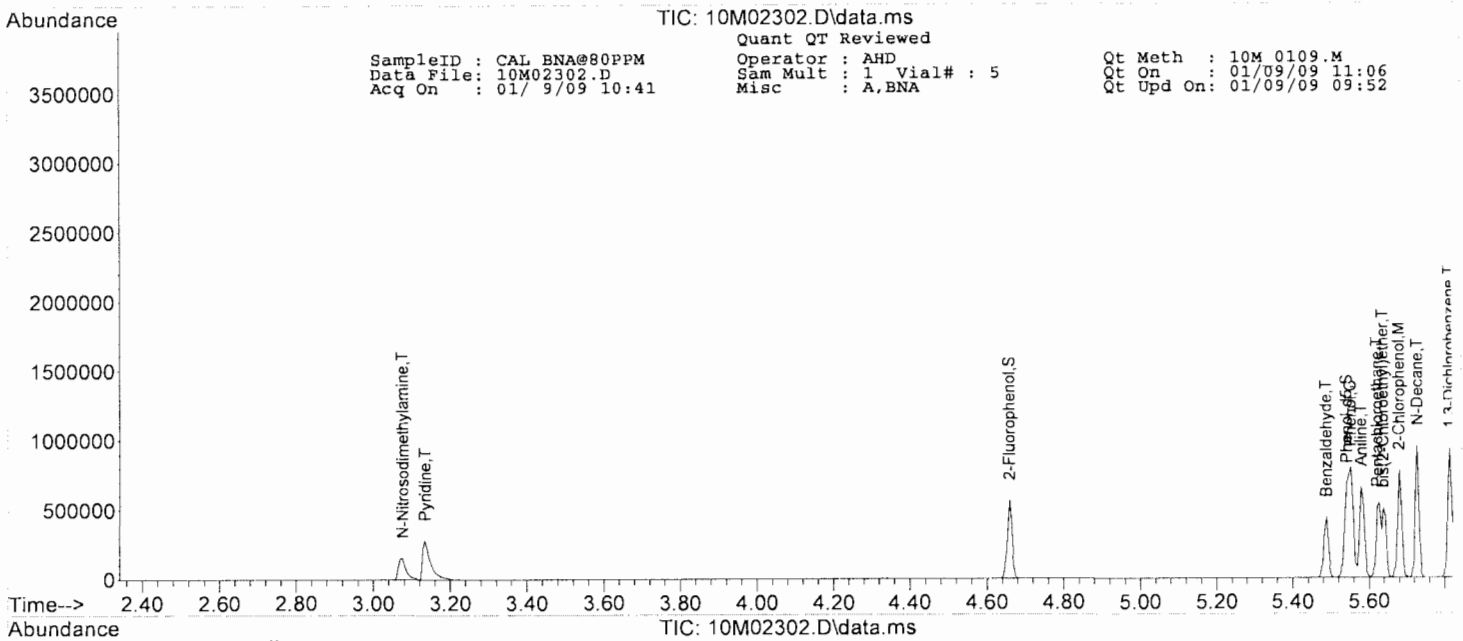
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02302.D Sam Mult : 1 Vial# : 5 Qt On : 01/09/09 11:06
Acq On : 01/ 9/09 10:41 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.365	65	71200	76.00	ng	88
61) 2,3,4,6-Tetrachlorophenol	8.584	232	120776	100.53	ng	79
62) Fluorene	8.803	166	407704	80.66	ng	98
63) 4-Chlorophenyl-phenyle...	8.793	204	211656	86.63	ng	80
64) Diethylphthalate	8.670	149	371385	77.80	ng	95
65) 4-Nitroaniline	8.809	138	95617	82.01	ng	82
66) Atrazine	9.434	200	116464	76.55	ng	89
68) 4,6-Dinitro-2-methylph...	8.835	198	80254	91.93	ng	100
69) n-Nitrosodiphenylamine	8.905	169	352230	80.70	ng	98
71) 1,2-Diphenylhydrazine	8.948	77	361658	71.05	ng	77
72) 4-Bromophenyl-phenylether	9.279	248	141243	94.27	ng	74
73) Hexachlorobenzene	9.344	284	158622	96.99	ng	55
74) N-Octadecane	9.611	57	180279	54.44	ng	69
75) Pentachlorophenol	9.541	266	102751	128.71	ng	95
76) Phenanthrene	9.782	178	593547	78.63	ng	98
77) Anthracene	9.836	178	602932	76.33	ng	99
78) Carbazole	10.001	167	558426	78.96	ng	96
79) Di-n-butylphthalate	10.381	149	622870	72.21	ng	97
80) Fluoranthene	11.109	202	652901	80.58	ng	81
82) Pyrene	11.371	202	707226	74.48	ng	80
83) Benzidine	11.258	184	152338	60.62	ng	81
85) 4,4'-DDE	11.488	246	165571	80.61	ng	87
86) Endrin	11.820	81	31646	57.83	ng	10
87) 4,4'-DDD	11.890	235	279342	81.25	ng	93
88) Butylbenzylphthalate	12.146	149	271737	64.81	ng	65
89) Endrin aldehyde	11.820	67	16701	59.63	ng	82
90) 4,4'-DDT	12.243	235	304621	89.17	ng	94
91) Endrin ketone	12.729	317	39174	97.24	ng	98
92) 3,3'-Dichlorobenzidine	12.761	252	189448	69.71	ng	93
93) Benzo[a]anthracene	12.788	228	692061	76.45	ng	97
94) Chrysene	12.831	228	682182	83.44	ng	96
95) bis(2-Ethylhexyl)phtha...	12.836	149	389619	67.86	ng	86
97) Di-n-octylphthalate	13.580	149	593335	55.21	ng	100
98) Benzo[b]fluoranthene	13.997	252	662333	77.65	ng	90
99) Benzo[k]fluoranthene	14.029	252	703108	79.72	ng	89
100) Benzo[a]pyrene	14.355	252	641788	79.34	ng	88
101) Indeno[1,2,3-cd]pyrene	15.741	276	709073	92.88	ng	64
102) Dibenzo[a,h]anthracene	15.762	278	599578	92.57	ng	80
103) Benzo[g,h,i]perylene	16.120	276	599066	97.05	ng	72

(#) = qualifier out of range (m) = manual integration (+) = signals summed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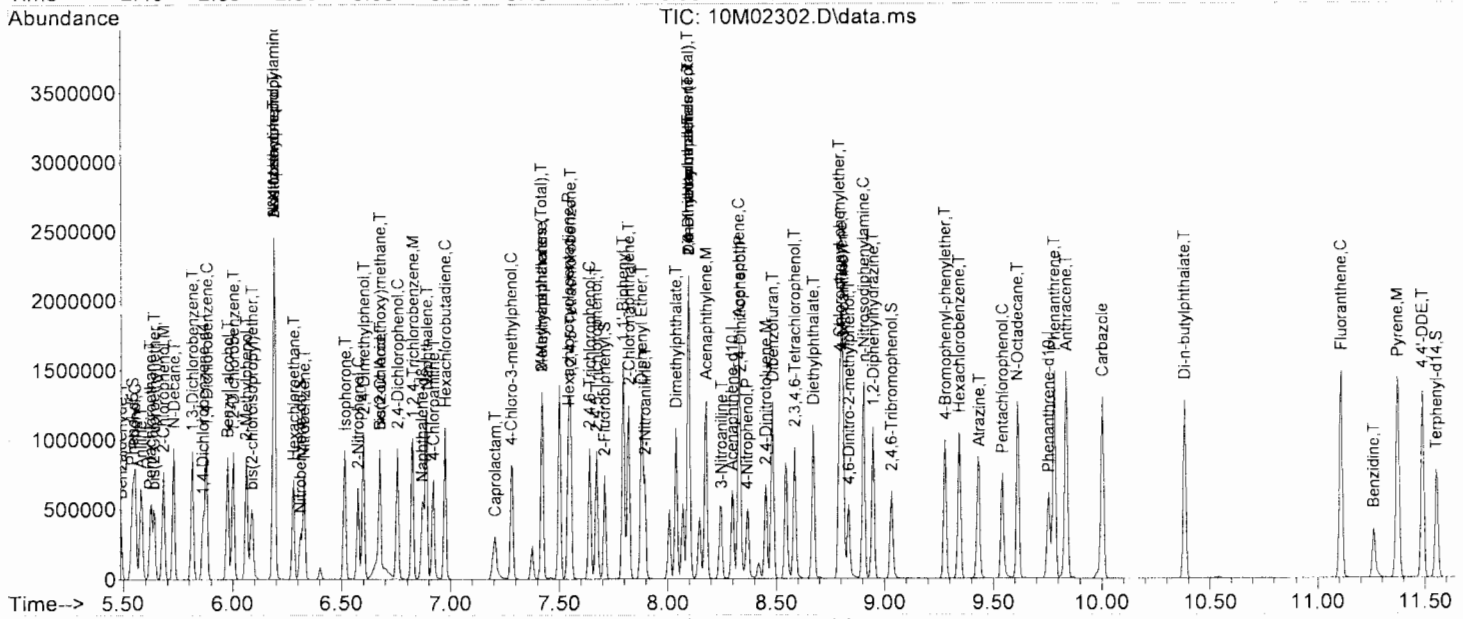
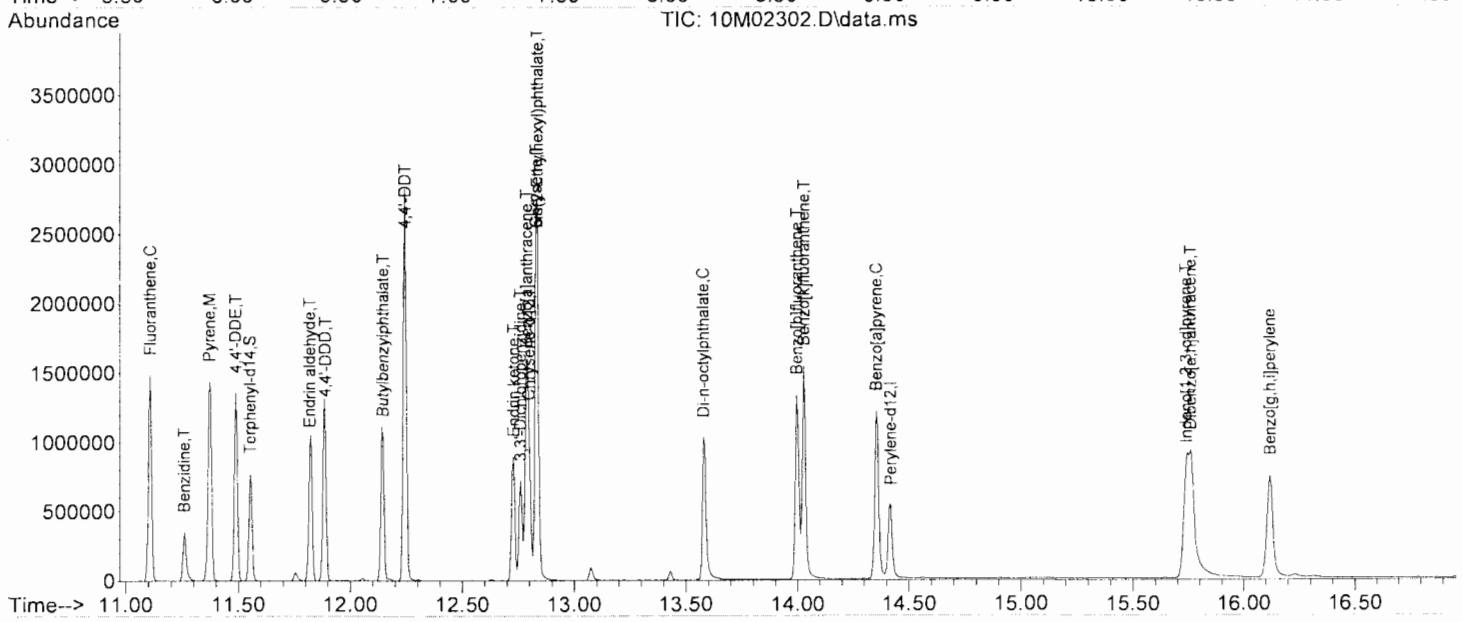
Quant QT Reviewed
SampleID : CAL BNA@80PPM
Data File: 10M02302.D
Acq On : 01/ 9/09 10:41
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 11:06
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02302.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,T
4-Nitrophenol,P
2,4-Dinitrotoluene,M
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4,6-Dinitro-2-methylphenol,T
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02302.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02301.D Sam Mult : 1 Vial# : 4 Qt On : 01/09/09 10:45
Acq On : 01/ 9/09 10:18 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.861	152	70770	40.00	ng	0.00
23) Naphthalene-d8	6.872	136	269634	40.00	ng	0.00
41) Acenaphthene-d10	8.300	164	162462	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	284025	40.00	ng	0.00
81) Chrysene-d12	12.804	240	305106	40.00	ng	0.00
96) Perylene-d12	14.419	264	307601	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	257687	130.85	ng	0.00
Spiked Amount 100.000			Recovery = 130.85%			
9) Phenol-d5	5.546	99	354907	119.07	ng	0.00
Spiked Amount 100.000			Recovery = 119.07%			
24) Nitrobenzene-d5	6.316	128	73241	65.98	ng	0.00
Spiked Amount 50.000			Recovery = 131.96%			
46) 2-Fluorobiphenyl	7.712	172	360057	67.73	ng	0.00
Spiked Amount 50.000			Recovery = 135.46%			
70) 2,4,6-Tribromophenol	9.039	330	154668	161.37	ng	0.00
Spiked Amount 100.000			Recovery = 161.37%			
84) Terphenyl-d14	11.558	244	548056	66.65	ng	0.00
Spiked Amount 50.000			Recovery = 133.30%			
Target Compounds						Qvalue
2) Pyridine	3.128	79	269360	165.77	ng	69
3) N-Nitrosodimethylamine	3.075	74	148092	154.39	ng	84
5) Benzaldehyde	5.487	77	95632	51.59	ng	79
6) Aniline	5.583	93	410822	123.50	ng	83
7) Pentachloroethane	5.626	117	91678	125.04	ng	68
8) bis(2-Chloroethyl)ether	5.642	93	258265	118.61	ng	78
10) Phenol	5.557	94	373191	114.78	ng	94
11) 2-Chlorophenol	5.685	128	311466	126.47	ng	77
12) N-Decane	5.728	57	245529	93.78	ng	75
13) 1,3-Dichlorobenzene	5.813	146	340842	126.98	ng	99
14) 1,4-Dichlorobenzene	5.878	146	352611	125.19	ng	98
15) 1,2-Dichlorobenzene	6.001	146	328918	126.00	ng	98
16) Benzyl alcohol	5.979	108	197275	122.51	ng	83
17) bis(2-chloroisopropyl)...	6.086	45	274686	73.85	ng	61
18) 2-Methylphenol	6.065	108	274611	117.97	ng	99
19) Acetophenone	6.193	105	443945	114.74	ng	81
20) Hexachloroethane	6.279	117	127657	121.19	ng	64
21) N-Nitroso-di-n-propyla...	6.193	70	232410	119.14	ng	78
22) 3&4-Methylphenol	6.193	108	314754	127.27	ng	99
25) Nitrobenzene	6.332	77	319111	117.80	ng	79
26) Isophorone	6.519	82	573995	117.69	ng	82
27) 2-Nitrophenol	6.578	139	178986	132.52	ng	86
28) 2,4-Dimethylphenol	6.600	107	318127	122.10	ng	96
29) Benzoic Acid	6.696	105	254985m	170.50	ng	
30) bis(2-Chloroethoxy)met...	6.680	93	329388	120.76	ng	96
31) 2,4-Dichlorophenol	6.760	162	277465	126.41	ng	86
32) 1,2,4-Trichlorobenzene	6.824	180	318224	133.46	ng	96
33) Naphthalene	6.888	128	931922	127.49	ng	98
34) 4-Chloroaniline	6.920	127	304532	118.03	ng	100
35) Hexachlorobutadiene	6.974	225	192148	132.12	ng	96
36) Caprolactam	7.225	113	93909	112.28	ng	59
37) 4-Chloro-3-methylphenol	7.284	107	284183	122.67	ng	84
38) 2-Methylnaphthalene	7.423	142	657522	127.93	ng	99
39) Methylnaphthalenes (To...	7.423	142	657522	127.93	ng	99
40) 1,1'-Biphenyl	7.798	154	828954	127.15	ng	91
42) 1,2,4,5-Tetrachloroben...	7.552	216	357240	132.83	ng	98
43) Hexachlorocyclopentadiene	7.546	237	235205	247.25	ng	98
44) 2,4,6-Trichlorophenol	7.643	196	225486	140.21	ng	99
45) 2,4,5-Trichlorophenol	7.675	196	235510	134.51	ng	98
47) 2-Chloronaphthalene	7.819	162	617143	128.00	ng	92
48) 1,4-Dimethylnaphthalene	8.103	156	518928	129.94	ng	85
49) Dimethylnaphthalenes (...	8.103	156	518928	129.94	ng	85
50) Diphenyl Ether	7.883	170	461092	123.81	ng	72
51) 2-Nitroaniline	7.899	65	220596	109.49	ng	52
52) Acenaphthylene	8.177	152	1003483	127.37	ng	98
53) Dimethylphthalate	8.044	163	707766	125.15	ng	98
54) 2,6-Dinitrotoluene	8.103	165	176145	133.40	ng	58
55) Acenaphthene	8.333	153	651836	132.51	ng	96
56) 3-Nitroaniline	8.252	138	146958	117.64	ng	74
57) 2,4-Dinitrophenol	8.338	184	127814	194.06	ng	84
58) Dibenzofuran	8.488	168	906216	126.64	ng	82
59) 2,4-Dinitrotoluene	8.461	165	234475	129.08	ng	56

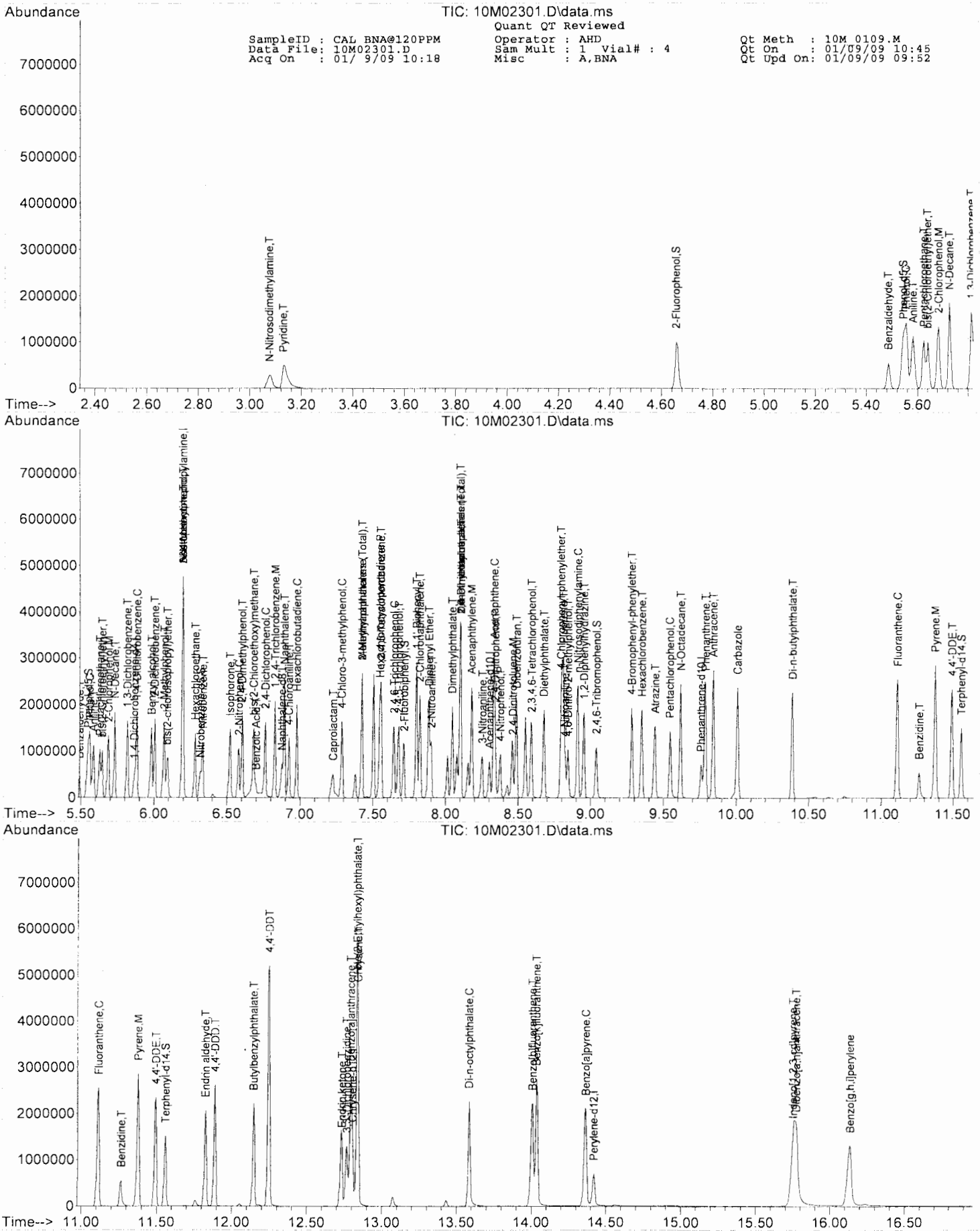
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02301.D Sam Mult : 1 Vial# : 4 Qt On : 01/09/09 10:45
Acq On : 01/ 9/09 10:18 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60)	4-Nitrophenol	8.375	65	136987	119.67 ng	79
61)	2,3,4,6-Tetrachlorophenol	8.589	232	231628	157.80 ng	79
62)	Fluorene	8.809	166	778966	126.12 ng	100
63)	4-Chlorophenyl-phenyle...	8.793	204	397769	133.24 ng	82
64)	Diethylphthalate	8.675	149	695223	119.19 ng	94
65)	4-Nitroaniline	8.819	138	185085	129.92 ng	83
66)	Atrazine	9.440	200	222143	119.50 ng	92
68)	4,6-Dinitro-2-methylph...	8.841	198	161460	152.17 ng	100
69)	n-Nitrosodiphenylamine	8.910	169	663925	125.15 ng	98
71)	1,2-Diphenylhydrazine	8.953	77	682561	110.33 ng	75
72)	4-Bromophenyl-phenylether	9.279	248	265121	145.58 ng	77
73)	Hexachlorobenzene	9.349	284	298865	150.34 ng	52
74)	N-Octadecane	9.616	57	349316	86.79 ng	69
75)	Pentachlorophenol	9.541	266	199045	205.13 ng	99
76)	Phenanthrene	9.787	178	1116593	121.69 ng	97
77)	Anthracene	9.841	178	1149212	119.70 ng	98
78)	Carbazole	10.007	167	1058352	123.12 ng	96
79)	Di-n-butylphthalate	10.386	149	1194465	113.92 ng	96
80)	Fluoranthene	11.114	202	1244880	126.41 ng	82
82)	Pyrene	11.376	202	1336994	114.17 ng	80
83)	Benzidine	11.264	184	242316	78.20 ng	79
85)	4,4'-DDE	11.494	246	314268	124.08 ng	87
86)	Endrin	11.825	81	61232	90.73 ng	10
87)	4,4'-DDD	11.889	235	534431	126.05 ng	93
88)	Butylbenzylphthalate	12.146	149	516829	99.96 ng	71
89)	Endrin aldehyde	11.825	67	30672	88.81 ng	78
90)	4,4'-DDT	12.248	235	588039	139.58 ng	94
91)	Endrin ketone	12.734	317	72242	145.42 ng	98
92)	3,3'-Dichlorobenzidine	12.767	252	351542	104.89 ng	92
93)	Benzo[a]anthracene	12.793	228	1313507	117.67 ng	98
94)	Chrysene	12.841	228	1311435	130.08 ng	96
95)	bis(2-Ethylhexyl)phtha...	12.836	149	767413	108.39 ng	89
97)	Di-n-octylphthalate	13.585	149	1157315	88.99 ng	99
98)	Benzo[b]fluoranthene	14.007	252	1246219	120.73 ng	89
99)	Benzo[k]fluoranthene	14.034	252	1308091	122.56 ng	90
100)	Benzo[a]pyrene	14.366	252	1212053	123.82 ng	86
101)	Indeno[1,2,3-cd]pyrene	15.751	276	1368363	148.11 ng	68
102)	Dibenzo[a,h]anthracene	15.772	278	1154348	147.27 ng	81
103)	Benzo[g,h,i]perylene	16.136	276	1136176	152.10 ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@120PPM
Data File: 10M02301.D
Acq On : 01/ 9/09 10:18
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 10:45
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->

Abundance
TIC: 10M02301.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,T
Dimethylphthalate,T
Acenaphthylene,M
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->

Abundance
TIC: 10M02301.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM
Data File: 10M02300.D
Acq On : 01/ 9/09 09:56

Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA

Qt Meth : 10M_0109.M
Qt On : 01/09/09 10:44
Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.862	152	54095	40.00	ng	0.00
23) Naphthalene-d8	6.872	136	204046	40.00	ng	0.00
41) Acenaphthene-d10	8.301	164	122288	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	214587	40.00	ng	0.00
81) Chrysene-d12	12.804	240	234522	40.00	ng	0.00
96) Perylene-d12	14.419	264	240632	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	260046	172.75	ng	0.00
Spiked Amount 100.000			Recovery = 172.75%			
9) Phenol-d5	5.546	99	353251	155.05	ng	0.00
Spiked Amount 100.000			Recovery = 155.05%			
24) Nitrobenzene-d5	6.316	128	72663	86.50	ng	0.00
Spiked Amount 50.000			Recovery = 173.00%			
46) 2-Fluorobiphenyl	7.712	172	359529	89.84	ng	0.00
Spiked Amount 50.000			Recovery = 179.68%			
70) 2,4,6-Tribromophenol	9.039	330	150441	207.76	ng	0.00
Spiked Amount 100.000			Recovery = 207.76%			
84) Terphenyl-d14	11.558	244	547180	86.57	ng	0.00
Spiked Amount 50.000			Recovery = 173.14%			
Target Compounds						Qvalue
2) Pyridine	3.128	79	270177	217.53	ng	70
3) N-Nitrosodimethylamine	3.075	74	149380	203.74	ng	79
5) Benzaldehyde	5.487	77	68468	48.32	ng	78
6) Aniline	5.583	93	385639	151.67	ng	83
7) Pentachloroethane	5.626	117	90832	162.08	ng	68
8) bis(2-Chloroethyl)ether	5.642	93	253949	152.58	ng	76
10) Phenol	5.557	94	385800	155.24	ng	94
11) 2-Chlorophenol	5.685	128	307601	163.40	ng	77
12) N-Decane	5.728	57	246686	123.27	ng	74
13) 1,3-Dichlorobenzene	5.813	146	337875	164.68	ng	97
14) 1,4-Dichlorobenzene	5.878	146	351469	163.25	ng	98
15) 1,2-Dichlorobenzene	6.001	146	327099	163.92	ng	98
16) Benzyl alcohol	5.979	108	194215	157.78	ng	78
17) bis(2-chloroisopropyl)...	6.086	45	274984	96.72	ng	62
18) 2-Methylphenol	6.065	108	275416	154.79	ng	97
19) Acetophenone	6.193	105	438147	148.15	ng	79
20) Hexachloroethane	6.279	117	122680	152.36	ng	55
21) N-Nitroso-di-n-propyla...	6.193	70	226635	152.00	ng	78
22) 3&4-Methylphenol	6.193	108	310712	164.36	ng	99
25) Nitrobenzene	6.332	77	314131	153.24	ng	78
26) Isophorone	6.519	82	557654	151.09	ng	82
27) 2-Nitrophenol	6.578	139	174191	170.42	ng	86
28) 2,4-Dimethylphenol	6.600	107	311832	158.15	ng	97
29) Benzoic Acid	6.696	105	247479m	218.67	ng	
30) bis(2-Chloroethoxy)met...	6.680	93	322461	156.22	ng	95
31) 2,4-Dichlorophenol	6.760	162	274931	165.51	ng	86
32) 1,2,4-Trichlorobenzene	6.824	180	314841	174.49	ng	97
33) Naphthalene	6.888	128	927248	167.62	ng	99
34) 4-Chloroaniline	6.921	127	252449	129.29	ng	99
35) Hexachlorobutadiene	6.974	225	189838	172.48	ng	98
36) Caprolactam	7.225	113	92896	146.77	ng	57
37) 4-Chloro-3-methylphenol	7.284	107	282965	161.40	ng	83
38) 2-Methylnaphthalene	7.423	142	654375	168.24	ng	99
39) Methylnaphthalenes (To...	7.423	142	654375	168.24	ng	99
40) 1,1'-Biphenyl	7.798	154	809058	163.99	ng	91
42) 1,2,4,5-Tetrachloroben...	7.552	216	355641	175.67	ng	97
43) Hexachlorocyclopentadiene	7.541	237	235877	329.42	ng	98
44) 2,4,6-Trichlorophenol	7.643	196	219044	180.96	ng	96
45) 2,4,5-Trichlorophenol	7.675	196	228092	173.08	ng	99
47) 2-Chloronaphthalene	7.819	162	604704	166.63	ng	93
48) 1,4-Dimethylnaphthalene	8.103	156	514972	171.31	ng	84
49) Dimethylnaphthalenes (...	8.103	156	514972	171.31	ng	84
50) Diphenyl Ether	7.883	170	451937	161.22	ng	72
51) 2-Nitroaniline	7.899	65	215986	142.42	ng	53
52) Acenaphthylene	8.178	152	999784	168.59	ng	99
53) Dimethylphthalate	8.044	163	698669	164.13	ng	98
54) 2,6-Dinitrotoluene	8.097	165	174716	175.78	ng	66
55) Acenaphthene	8.333	153	638604	172.46	ng	98
56) 3-Nitroaniline	8.247	138	134065	142.57	ng	78
57) 2,4-Dinitrophenol	8.338	184	123082	248.27	ng	83
58) Dibenzofuran	8.482	168	893863	165.95	ng	84
59) 2,4-Dinitrotoluene	8.461	165	230401	168.51	ng	57

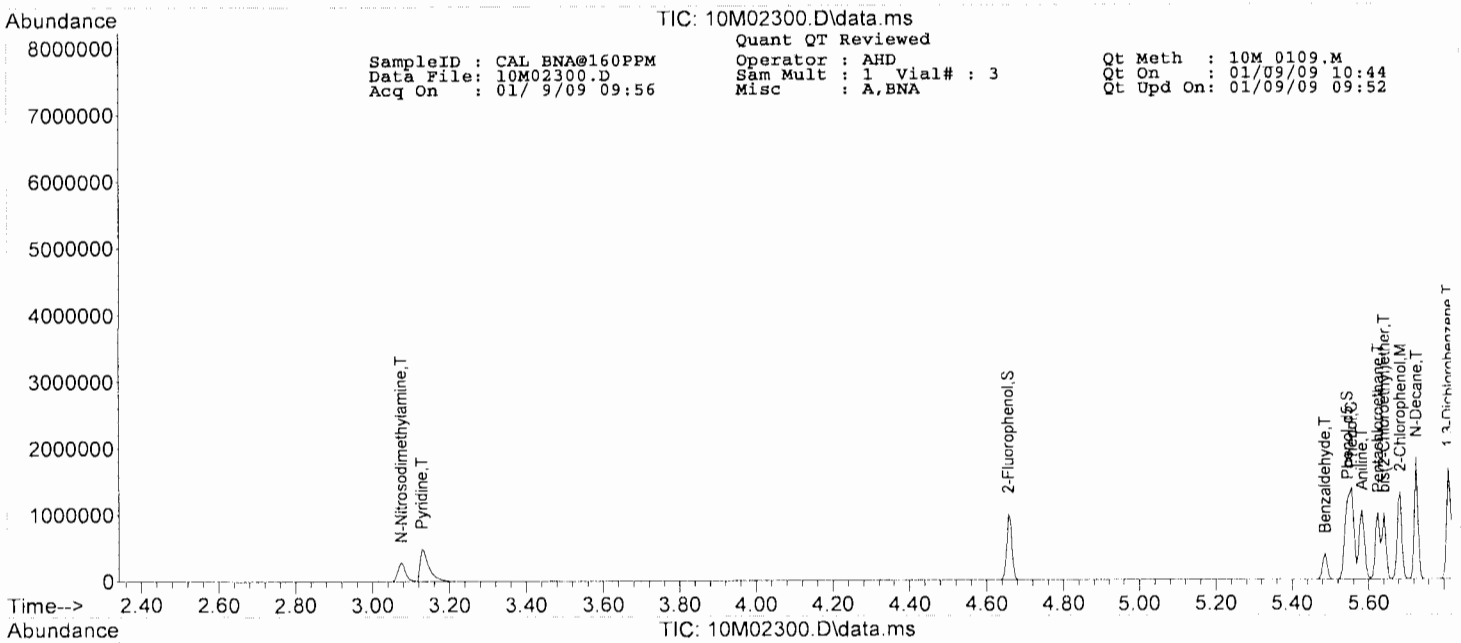
Quantitation Report (QT Reviewed)

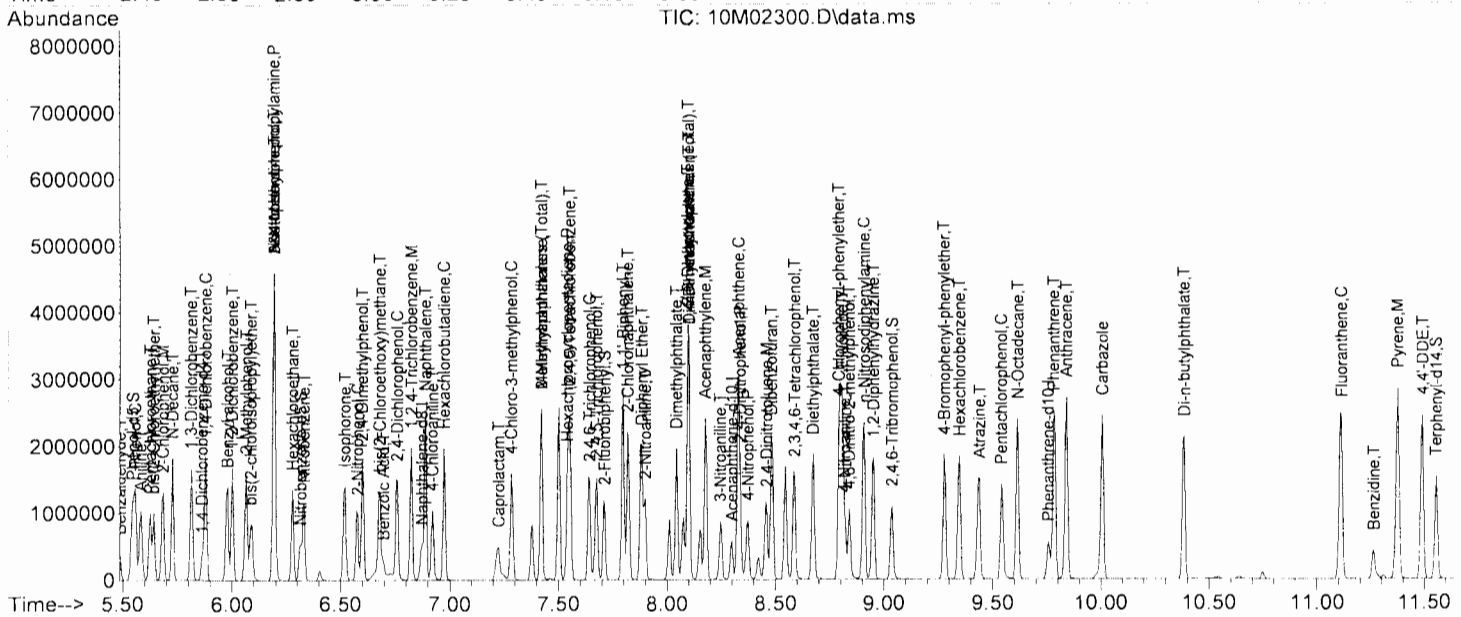
SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02300.D Sam Mult : 1 Vial# : 3 Qt On : 01/09/09 10:44
Acq On : 01/ 9/09 09:56 Misc : A,BNA Qt Upd On: 01/09/09 09:52

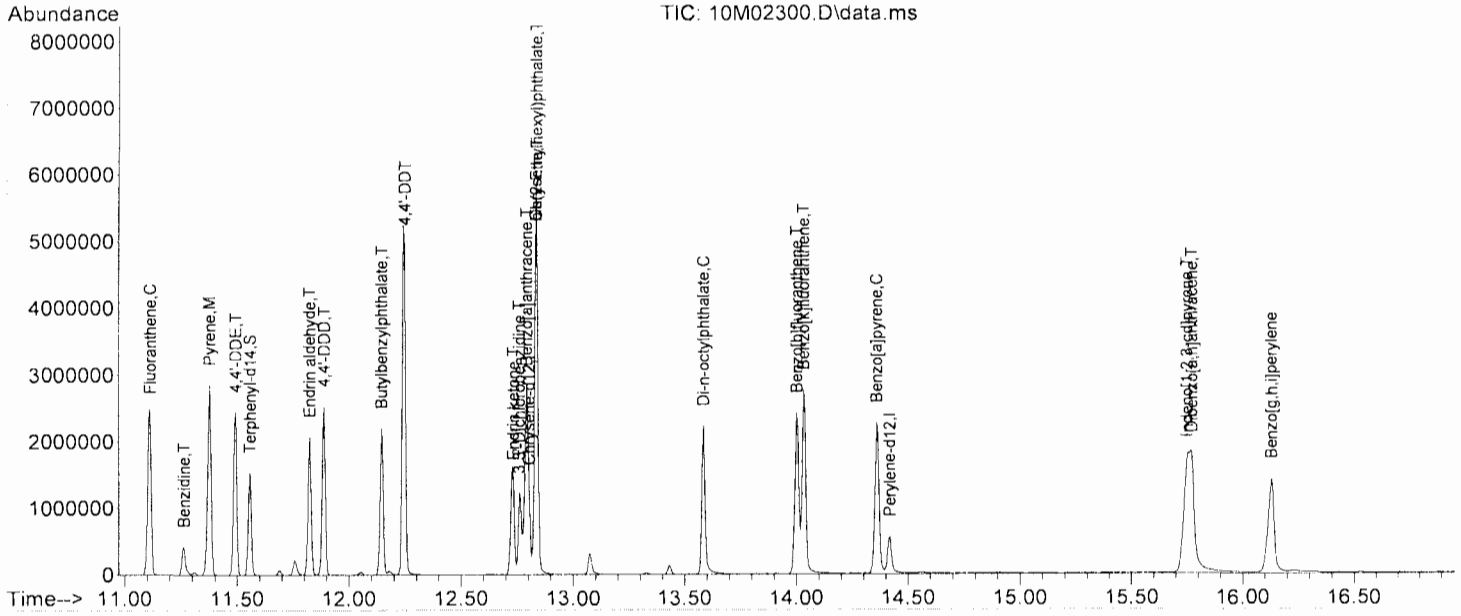
Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60)	4-Nitrophenol	8.375	65	136262	158.15 ng	81
61)	2,3,4,6-Tetrachlorophenol	8.589	232	224911	203.56 ng	80
62)	Fluorene	8.809	166	761761	163.86 ng	100
63)	4-Chlorophenyl-phenyle...	8.793	204	386022	171.78 ng	82
64)	Diethylphthalate	8.675	149	679495	154.77 ng	94
65)	4-Nitroaniline	8.819	138	180193	168.04 ng	84
66)	Atrazine	9.440	200	218915	156.45 ng	90
68)	4,6-Dinitro-2-methylph...	8.841	198	157377	196.31 ng	100
69)	n-Nitrosodiphenylamine	8.910	169	650757	162.36 ng	98
71)	1,2-Diphenylhydrazine	8.953	77	667387	142.78 ng	74
72)	4-Bromophenyl-phenylether	9.279	248	257981	187.50 ng	78
73)	Hexachlorobenzene	9.349	284	294860	196.32 ng	52
74)	N-Octadecane	9.616	57	341215	112.21 ng	67
75)	Pentachlorophenol	9.541	266	198250	270.42 ng	96
76)	Phenanthrene	9.782	178	1107129	159.70 ng	97
77)	Anthracene	9.841	178	1132879	156.18 ng	98
78)	Carbazole	10.007	167	1044619	160.85 ng	97
79)	Di-n-butylphthalate	10.386	149	1173903	148.19 ng	97
80)	Fluoranthene	11.114	202	1237854	166.37 ng	81
82)	Pyrene	11.376	202	1342481	149.14 ng	81
83)	Benzidine	11.264	184	191848	80.54 ng	79
85)	4,4'-DDE	11.494	246	310107	159.28 ng	87
86)	Endrin	11.825	81	62122	119.76 ng	13
87)	4,4'-DDD	11.889	235	532062	163.27 ng	93
88)	Butylbenzylphthalate	12.146	149	522450	131.46 ng	68
89)	Endrin aldehyde	11.825	67	30945	116.57 ng	77
90)	4,4'-DDT	12.248	235	595854	184.00 ng	93
91)	Endrin ketone	12.735	317	73431	192.30 ng	99
92)	3,3'-Dichlorobenzidine	12.761	252	324356	125.90 ng	94
93)	Benzo[a]anthracene	12.793	228	1323841	154.28 ng	97
94)	Chrysene	12.836	228	1335611	172.34 ng	96
95)	bis(2-Ethylhexyl)phtha...	12.836	149	759621	139.58 ng	89
97)	Di-n-octylphthalate	13.585	149	1170242	115.03 ng	99
98)	Benzo[b]fluoranthene	14.002	252	1302006	161.24 ng	90
99)	Benzo[k]fluoranthene	14.034	252	1328094	159.06 ng	90
100)	Benzo[a]pyrene	14.361	252	1249262	163.14 ng	88
101)	Indeno[1,2,3-cd]pyrene	15.751	276	1413200	195.54 ng	76
102)	Dibenzo[a,h]anthracene	15.773	278	1200028	195.70 ng	80
103)	Benzo[g,h,i]perylene	16.131	276	1181254	202.14 ng	73

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


Abundance
TIC: 10M02300.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@160PPM
Data File: 10M02300.D
Acq On : 01/ 9/09 09:56
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 10:44
Qt Upd On: 01/09/09 09:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 10M02300.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,T
2-Chlorobiphenyl,S
Dimethylphthalate,T
Acenaphthylene,M
2,6-Dinitrotoluene,C
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M02300.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM
Data File: 10M02299.D
Acq On : 01/ 9/09 09:33

Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA

Qt Meth : 10M_0109.M
Qt On : 01/09/09 09:52
Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.861	152	55051	40.00	ng	0.00
23) Naphthalene-d8	6.872	136	204974	40.00	ng	0.00
41) Acenaphthene-d10	8.300	164	123159	40.00	ng	0.00
67) Phenanthrene-d10	9.755	188	215058	40.00	ng	0.00
81) Chrysene-d12	12.809	240	237324	40.00	ng	0.00
96) Perylene-d12	14.419	264	239829	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.658	112	327719	213.92	ng	0.00
Spiked Amount 100.000			Recovery =	213.92%		
9) Phenol-d5	5.546	99	443498	191.29	ng	0.00
Spiked Amount 100.000			Recovery =	191.29%		
24) Nitrobenzene-d5	6.316	128	89802	106.42	ng	0.00
Spiked Amount 50.000			Recovery =	212.84%		
46) 2-Fluorobiphenyl	7.712	172	451711	112.08	ng	0.00
Spiked Amount 50.000			Recovery =	224.16%		
70) 2,4,6-Tribromophenol	9.039	330	191084	263.30	ng	0.00
Spiked Amount 100.000			Recovery =	263.30%		
84) Terphenyl-d14	11.558	244	679320	106.21	ng	0.00
Spiked Amount 50.000			Recovery =	212.42%		
Target Compounds						Qvalue
2) Pyridine	3.128	79	341650	270.30	ng	67
3) N-Nitrosodimethylamine	3.075	74	185906	249.15	ng	80
5) Benzaldehyde	5.487	77	65569	45.47	ng	76
6) Aniline	5.583	93	480144	185.56	ng	78
7) Pentachloroethane	5.626	117	114204	200.25	ng	68
8) bis(2-Chloroethyl)ether	5.642	93	321402	189.76	ng	78
10) Phenol	5.562	94	484503	191.56	ng	92
11) 2-Chlorophenol	5.685	128	388224	202.65	ng	77
12) N-Decane	5.728	57	312388	153.39	ng	75
13) 1,3-Dichlorobenzene	5.813	146	425721	203.89	ng	98
14) 1,4-Dichlorobenzene	5.878	146	444434	202.85	ng	97
15) 1,2-Dichlorobenzene	6.001	146	412713	203.24	ng	97
16) Benzyl alcohol	5.979	108	248502	198.38	ng	82
17) bis(2-chloroisopropyl)...	6.091	45	344003	118.90	ng	61
18) 2-Methylphenol	6.065	108	344566	190.29	ng	97
19) Acetophenone	6.193	105	551987	183.40	ng	86
20) Hexachloroethane	6.279	117	157403	192.09	ng	60
21) N-Nitroso-di-n-propyla...	6.198	70	286461	188.79	ng	73
22) 3&4-Methylphenol	6.193	108	399369	207.59	ng	100
25) Nitrobenzene	6.332	77	391613	190.17	ng	82
26) Isophorone	6.519	82	698030	188.26	ng	83
27) 2-Nitrophenol	6.578	139	219327	213.61	ng	88
28) 2,4-Dimethylphenol	6.605	107	391710	197.77	ng	94
29) Benzoic Acid	6.707	105	308075m	270.98	ng	
30) bis(2-Chloroethoxy)met...	6.680	93	407561	196.55	ng	96
31) 2,4-Dichlorophenol	6.760	162	347105	208.02	ng	87
32) 1,2,4-Trichlorobenzene	6.824	180	399535	220.42	ng	97
33) Naphthalene	6.888	128	1169183	210.40	ng	98
34) 4-Chloroaniline	6.921	127	248809	126.85	ng	98
35) Hexachlorobutadiene	6.974	225	243725	220.44	ng	98
36) Caprolactam	7.231	113	115092	181.02	ng	60
37) 4-Chloro-3-methylphenol	7.290	107	351774	199.74	ng	80
38) 2-Methylnaphthalene	7.423	142	824761	211.08	ng	99
39) Methylnaphthalenes (To...	7.423	142	824761	211.08	ng	99
40) 1,1'-Biphenyl	7.798	154	1030348	207.89	ng	92
42) 1,2,4,5-Tetrachloroben...	7.557	216	452231	221.80	ng	97
43) Hexachlorocyclopentadiene	7.546	237	297120	412.01	ng	97
44) 2,4,6-Trichlorophenol	7.643	196	275186	225.73	ng	99
45) 2,4,5-Trichlorophenol	7.675	196	292249	220.19	ng	99
47) 2-Chloronaphthalene	7.824	162	767451	209.98	ng	90
48) 1,4-Dimethylnaphthalene	8.103	156	654800	216.29	ng	84
49) Dimethylnaphthalenes (...	8.103	156	654800	216.29	ng	84
50) Diphenyl Ether	7.883	170	570174	201.96	ng	72
51) 2-Nitroaniline	7.899	65	270308	176.98	ng	58
52) Acenaphthylene	8.183	152	1257936	210.62	ng	99
53) Dimethylphthalate	8.049	163	871882	203.37	ng	97
54) 2,6-Dinitrotoluene	8.103	165	220847	220.62	ng	61
55) Acenaphthene	8.333	153	802961	215.32	ng	97
56) 3-Nitroaniline	8.252	138	160058	169.01	ng	77
57) 2,4-Dinitrophenol	8.343	184	159581	319.62	ng	82
58) Dibenzofuran	8.488	168	1123139	207.04	ng	81
59) 2,4-Dinitrotoluene	8.461	165	285218	207.13	ng	61

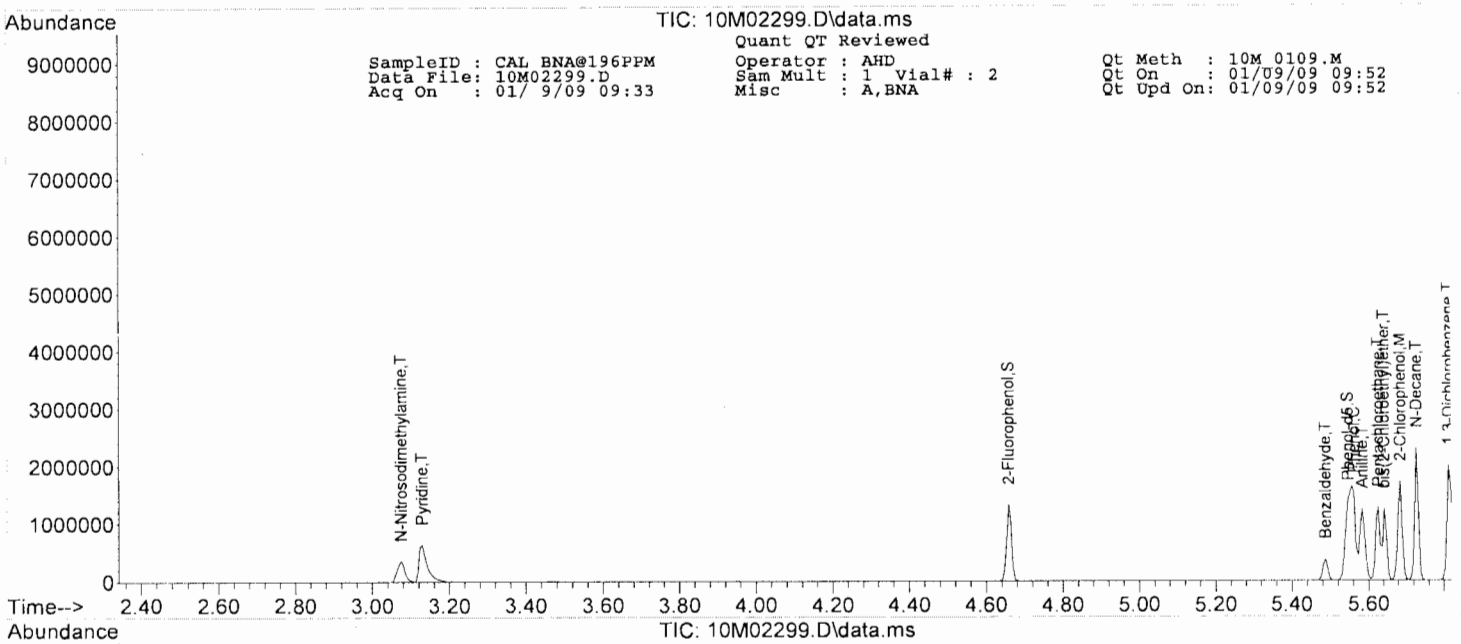
Quantitation Report (QT Reviewed)

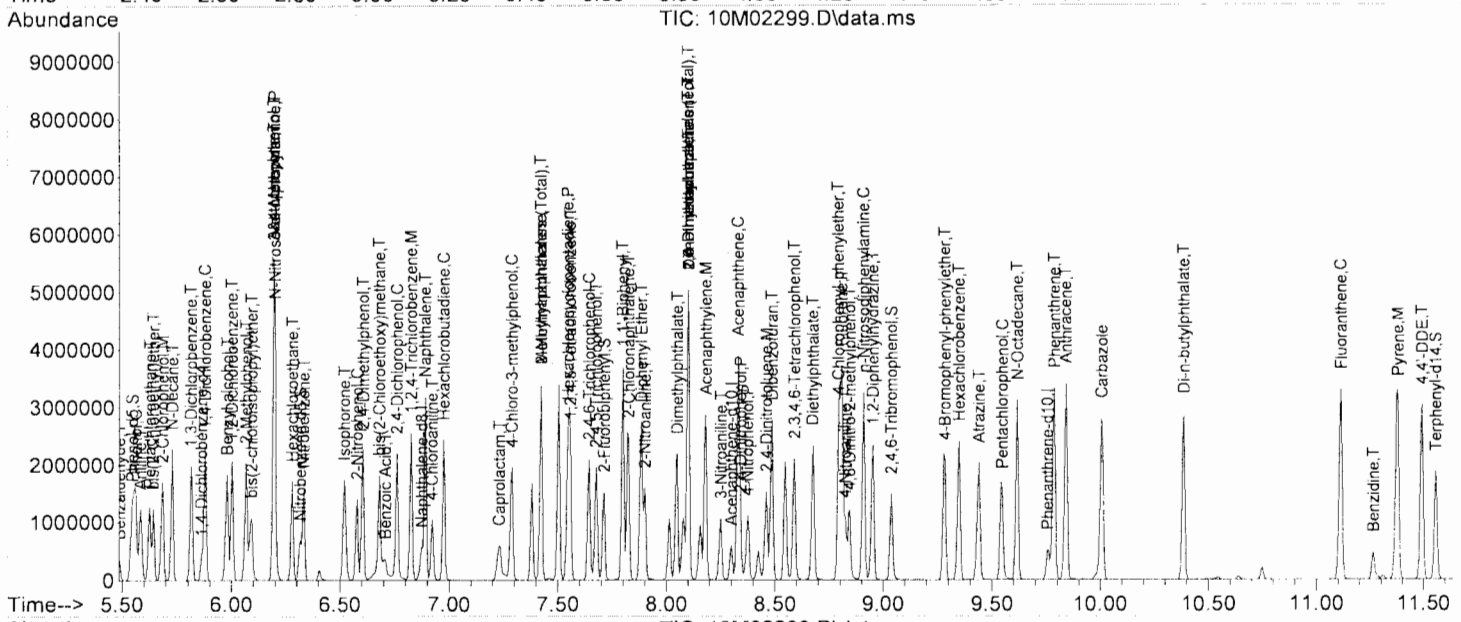
SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02299.D Sam Mult : 1 Vial# : 2 Qt On : 01/09/09 09:52
Acq On : 01/ 9/09 09:33 Misc : A,BNA Qt Upd On: 01/09/09 09:52

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60)	4-Nitrophenol	8.375	65	169117	194.89 ng	87
61)	2,3,4,6-Tetrachlorophenol	8.589	232	285478	256.55 ng	80
62)	Fluorene	8.809	166	968640	206.88 ng	98
63)	4-Chlorophenyl-phenyle...	8.793	204	494744	218.61 ng	82
64)	Diethylphthalate	8.675	149	855410	193.46 ng	95
65)	4-Nitroaniline	8.825	138	229237	212.26 ng	83
66)	Atrazine	9.440	200	272509	193.37 ng	93
68)	4,6-Dinitro-2-methylph...	8.846	198	200652	249.75 ng	100
69)	n-Nitrosodiphenylamine	8.910	169	825195	205.43 ng	98
71)	1,2-Diphenylhydrazine	8.953	77	829086	176.98 ng	76
72)	4-Bromophenyl-phenylether	9.285	248	325589	236.12 ng	74
73)	Hexachlorobenzene	9.349	284	372150	247.24 ng	54
74)	N-Octadecane	9.616	57	433487	142.24 ng	69
75)	Pentachlorophenol	9.547	266	248912	338.79 ng	96
76)	Phenanthrene	9.787	178	1379027	198.49 ng	97
77)	Anthracene	9.841	178	1429127	196.60 ng	98
78)	Carbazole	10.007	167	1304063	200.35 ng	96
79)	Di-n-butylphthalate	10.386	149	1478486	186.23 ng	97
80)	Fluoranthene	11.114	202	1559878	209.19 ng	82
82)	Pyrene	11.381	202	1671541	183.51 ng	77
83)	Benzidine	11.264	184	200113	83.02 ng	77
85)	4,4'-DDE	11.494	246	393976	199.97 ng	87
86)	Endrin	11.825	81	77005	146.70 ng	10
87)	4,4'-DDD	11.889	235	653668	198.21 ng	92
88)	Butylbenzylphthalate	12.151	149	649232	161.43 ng	64
89)	Endrin aldehyde	11.825	67	37008	137.76 ng	78
90)	4,4'-DDT	12.248	235	745664	227.54 ng	93
91)	Endrin ketone	12.734	317	90839	235.08 ng	99
92)	3,3'-Dichlorobenzidine	12.767	252	357591	137.16 ng	94
93)	Benzo[a]anthracene	12.799	228	1632665	188.03 ng	98
94)	Chrysene	12.841	228	1656127	211.18 ng	96
95)	bis(2-Ethylhexyl)phtha...	12.836	149	965627	175.34 ng	90
97)	Di-n-octylphthalate	13.585	149	1471197	145.09 ng	99
98)	Benzo[b]fluoranthene	14.007	252	1669982	207.50 ng	89
99)	Benzo[k]fluoranthene	14.040	252	1576394	189.43 ng	89
100)	Benzo[a]pyrene	14.366	252	1545094	202.45 ng	87
101)	Indeno[1,2,3-cd]pyrene	15.756	276	1757654	244.01 ng	78
102)	Dibenzo[a,h]anthracene	15.778	278	1474138	241.21 ng	80
103)	Benzo[g,h,i]perylene	16.142	276	1453573	249.58 ng	73

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


TIC: 10M02299.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@196PPM
Data File: 10M02299.D
Acq On : 01/ 9/09 09:33
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/09/09 09:52
Qt Upd On: 01/09/09 09:52
Abundance
Time-->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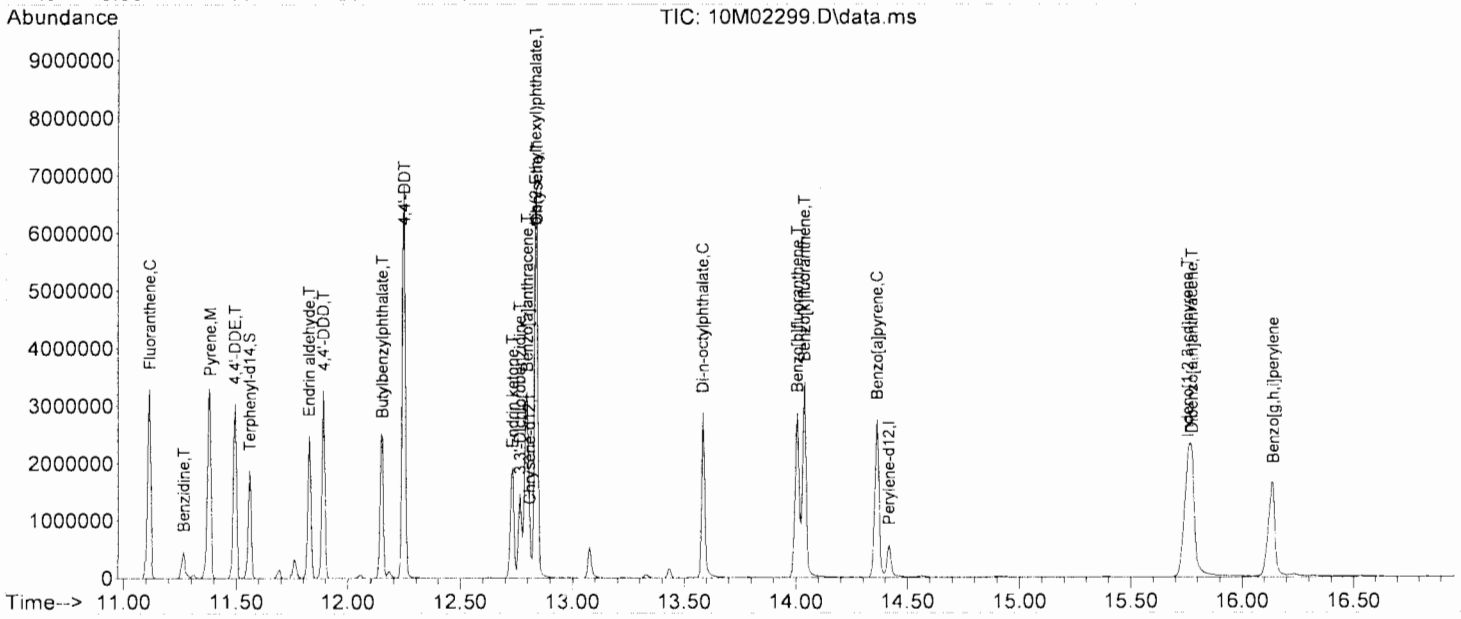
Abundance
Time-->


TIC: 10M02299.D\data.ms
Abundance
Time-->

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M02566.D **Instrument:** GCMS 10

Cont Calibration Date/Time 1/23/2009 9:23:00 A **Method:** EPA 625

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.4-Dichlorobenzene-d4	1	0	I	5.80	40.00	40				0.000	0.00	
Pyridine	1	0		3.04	47.13	50			1.209	1.140	5.74	
N-Nitrosodimethylamine	1	0		2.98	48.30	50			0.646	0.624	3.40	
2-Fluorophenol	1	0	S	4.59	45.20	50			1.148	1.038	9.60	
Benzaldehyde	1	0		5.42	36.62	50			0.779	0.595	26.76	
Aniline	1	0		5.52	43.37	50			1.680	1.571	13.26	
Pentachloroethane	1	0		5.56	47.95	50			0.408	0.391	4.10	
bis(2-Chloroethyl)ether	1	0		5.58	44.02	50	20		1.203	1.059	11.96	
Phenol-d5	1	0	S	5.49	46.77	50			1.581	1.479	6.46	
Phenol	1	0		5.50	48.97	50	20		1.669	1.635	2.06	
2-Chlorophenol	1	0		5.62	46.81	50	20		1.399	1.309	6.38	
N-Decane	1	0		5.66	45.03	50	20		1.140	1.026	9.94	
1.3-Dichlorobenzene	1	0		5.75	44.36	50	20		1.566	1.389	11.28	
1.4-Dichlorobenzene	1	0		5.82	44.83	50	20		1.667	1.495	10.34	
1.2-Dichlorobenzene	1	0		5.94	44.66	50	20		1.506	1.346	10.68	
Benzyl alcohol	1	0		5.92	46.54	50			0.879	0.818	6.92	
bis(2-chloroisopropyl)ether	1	0		6.03	47.57	50	20		1.290	1.227	4.86	
2-Methylphenol	1	0		6.01	45.75	50	20		1.256	1.149	8.50	
Acetophenone	1	0		6.13	48.11	50			2.008	1.932	3.78	
Hexachloroethane	1	0		6.21	44.45	50	20		0.581	0.517	11.10	
N-Nitroso-di-n-propylamine	1	0		6.13	44.27	50	20		1.038	0.919	11.46	
3&4-Methylphenol	1	0		6.13	45.52	50			1.401	1.275	8.96	
Naphthalene-d8	1	0	I	6.81	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.25	22.70	25			0.172	0.156	9.20	
Nitrobenzene	1	0		6.27	45.44	50	20		0.385	0.350	9.12	
Isophorone	1	0		6.46	45.33	50	20		0.673	0.610	9.34	
2-Nitrophenol	1	0		6.51	44.33	50	20		0.200	0.192	11.34	
2.4-Dimethylphenol	1	0		6.54	44.83	50	20		0.381	0.342	10.34	
Benzoic Acid	1	0		6.61	44.15	50			0.227	0.201	11.70	
bis(2-Chloroethoxy)methane	1	0		6.62	45.58	50	20		0.394	0.359	8.84	
2.4-Dichlorophenol	1	0		6.70	46.48	50	20		0.323	0.301	7.04	
1.2.4-Trichlorobenzene	1	0		6.77	44.74	50	20		0.388	0.347	10.52	
Naphthalene	1	0		6.82	44.43	50	20		1.151	1.023	11.14	
4-Chloroaniline	1	0		6.86	53.89	50			0.355	0.382	7.78	
Hexachlorobutadiene	1	0		6.92	45.37	50	20		0.235	0.213	9.26	
Caprolactam	1	0		7.14	48.72	50			0.105	0.110	2.56	
4-Chloro-3-methylphenol	1	0		7.23	46.34	50	20		0.335	0.311	7.32	
2-Methylnaphthalene	1	0		7.36	44.79	50			0.796	0.713	10.42	
Methylnaphthalenes	1	0		7.36	44.79							
1.1'-Biphenyl	1	0		7.73	44.33	50			1.002	0.889	11.34	
Acenaphthene-d10	1	0	I	8.23	40.00	40				0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		7.49	46.99	50			0.734	0.690	6.02	
Hexachlorocyclopentadiene	1	0		7.48	41.65	50			0.432	0.376	16.70	
2.4.6-Trichlorophenol	1	0		7.58	46.30	50	20		0.422	0.391	7.40	
2.4.5-Trichlorophenol	1	0		7.61	46.20	50			0.458	0.423	7.60	
2-Fluorobiphenyl	1	0	S	7.65	22.10	25			1.475	1.304	11.60	
2-Chloronaphthalene	1	0		7.76	44.37	50	20		1.267	1.124	11.26	
1.4-Dimethylnaphthalene	1	0		8.03	44.45	50			1.034	0.919	11.10	
Dimethylnaphthalenes	1	0		8.03	44.45							
Diphenyl Ether	1	0		7.81	47.46	50			0.928	0.881	5.08	
2-Nitroaniline	1	0		7.83	46.38	50			0.431	0.400	7.24	
Acenaphthylene	1	0		8.11	43.87	50	20		2.020	1.772	12.26	
Dimethylphthalate	1	0		7.97	44.22	50	20		1.438	1.272	11.56	
2.6-Dinitrotoluene	1	0		8.03	45.16	50	20		0.343	0.309	9.68	
Acenaphthene	1	0		8.26	44.53	50	20		1.315	1.171	10.94	
3-Nitroaniline	1	0		8.18	52.71	50			0.283	0.298	5.42	
2.4-Dinitrophenol	1	0		8.27	40.34	50	20		0.211	0.181	19.32	
Dibenzofuran	1	0		8.41	44.26	50			1.839	1.628	11.48	
2.4-Dinitrotoluene	1	0		8.39	47.67	50	20		0.437	0.417	4.66	
4-Nitrophenol	1	0		8.31	42.93	50	20		0.258	0.237	14.14	
2.3.4.6-Tetrachlorophenol	1	0		8.52	45.16	50			0.443	0.401	9.68	
Fluorene	1	0		8.73	44.54	50	20		1.548	1.379	10.92	
4-Chlorophenyl-phenylether	1	0		8.72	44.45	50	20		0.802	0.713	11.10	
Diethylphthalate	1	0		8.61	45.24	50	20		1.392	1.260	9.52	
4-Nitroaniline	1	0		8.74	47.32	50			0.349	0.330	5.36	
Atrazine	1	0		9.37	46.23	50			0.435	0.402	7.54	
Phenanthrene-d10	1	0	I	9.68	40.00	40				0.000	0.00	
4.6-Dinitro-2-methylphenol	1	0		8.77	50.61	50	20		0.166	0.155	1.22	
n-Nitrosodiphenylamine	1	0		8.84	46.43	50			0.755	0.701	7.14	
2.4.6-Tribromophenol	1	0	S	8.96	46.30	50			0.168	0.156	7.40	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M02566.D **Instrument:** GCMS 10

Cont Calibration Date/Time 1/23/2009 9:23:00 A Method: EPA 625

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.88	47.52	50			0.767	0.729	4.96	
4-Bromophenyl-phenylether	1	0		9.21	46.19	50	20		0.304	0.281	7.62	
Hexachlorobenzene	1	0		9.27	45.22	50	20		0.347	0.314	9.56	
N-Octadecane	1	0		9.54	47.97	50	20		0.378	0.362	4.06	
Pentachlorophenol	1	0		9.47	43.30	50	20		0.214	0.187	13.40	
Phenanthrene	1	0		9.71	45.57	50	20		1.300	1.185	8.86	
Anthracene	1	0		9.77	46.53	50	20		1.302	1.212	6.94	
Carbazole	1	0		9.93	44.95	50	20		1.201	1.079	10.10	
Di-n-butylphthalate	1	0		10.31	48.60	50	20		1.278	1.242	2.80	
Fluoranthene	1	0		11.03	47.10	50	20		1.392	1.311	5.80	
Chrysene-d12	1	0	I	12.72	40.00	40				0.000	0.00	
Pyrene	1	0		11.30	46.18	50	20		1.407	1.300	7.64	
Benzidine	1	0		11.19	39.31	50			0.255	0.277	21.38	
Terphenyl-d14	1	0	S	11.48	22.61	25			1.153	1.043	9.56	
4,4'-DDE	1	0		11.41	44.79				0.330			
Endrin	1	0		11.75	47.78	50			0.062	0.059	4.44	
4,4'-DDD	1	0		11.81	46.30				0.537			
Butylbenzylphthalate	1	0		12.07	45.28	50	20		0.509	0.496	9.44	
Endrin aldehyde	1	0		11.74	42.41				0.034			
4,4'-DDT	1	0		12.17	45.00				0.579			
Endrin ketone	1	0		12.65	43.16				0.074			
3,3'-Dichlorobenzidine	1	0		12.68	52.23	50	20		0.331	0.429	4.46	
Benzo[a]anthracene	1	0		12.71	46.31	50	20		1.398	1.295	7.38	
Chrysene	1	0		12.75	44.95	50	20		1.412	1.269	10.10	
bis(2-Ethylhexyl)phthalate	1	0		12.76	47.15	50	20		0.738	0.696	5.70	
Perylene-d12	1	0	I	14.33	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0		13.50	44.99	50	20		1.047	1.037	10.02	
Benzo[b]fluoranthene	1	0		13.92	47.53	50	20		1.285	1.222	4.94	
Benzo[k]fluoranthene	1	0		13.95	44.41	50	20		1.356	1.204	11.18	
Benzo[a]pyrene	1	0		14.27	47.40	50	20		1.220	1.157	5.20	
Indeno[1,2,3-cd]pyrene	1	0		15.62	49.22	50	20		1.346	1.325	1.56	
Dibenzo[a,h]anthracene	1	0		15.64	50.08	50	20		1.125	1.126	0.16	
Benzo[g,h,i]perylene	1	0		15.99	47.81	50	20		1.159	1.108	4.38	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.796	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			1.034	0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02566.D Sam Mult : 1 Vial# : 2 Qt On : 01/23/09 09:44
Acq On : 01/23/09 09:23 Misc : A,BNA Qt Upd On: 01/22/09 11:22

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.803	152	73322	40.00	ng	-0.06
23) Naphthalene-d8	6.808	136	280404	40.00	ng	-0.06
41) Acenaphthene-d10	8.231	164	170874	40.00	ng	-0.06
67) Phenanthrene-d10	9.681	188	288359	40.00	ng	-0.07
81) Chrysene-d12	12.724	240	317053	40.00	ng	-0.07
96) Perylene-d12	14.329	264	341381	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	4.594	112	95094	45.20	ng	-0.06
Spiked Amount 100.000			Recovery = 45.20%			
9) Phenol-d5	5.487	99	135538	46.77	ng	-0.05
Spiked Amount 100.000			Recovery = 46.77%			
24) Nitrobenzene-d5	6.252	128	27389	22.70	ng	-0.05
Spiked Amount 50.000			Recovery = 45.40%			
46) 2-Fluorobiphenyl	7.648	172	139266	22.10	ng	-0.06
Spiked Amount 50.000			Recovery = 44.20%			
70) 2,4,6-Tribromophenol	8.964	330	56221	46.30	ng	-0.06
Spiked Amount 100.000			Recovery = 46.30%			
84) Terphenyl-d14	11.478	244	206653	22.61	ng	-0.07
Spiked Amount 50.000			Recovery = 45.22%			
Target Compounds						Qvalue
2) Pyridine	3.043	79	104442	47.13	ng	66
3) N-Nitrosodimethylamine	2.979	74	57231	48.30	ng	80
5) Benzaldehyde	5.423	77	54511	36.62	ng	81
6) Aniline	5.519	93	143960	43.37	ng	81
7) Pentachloroethane	5.562	117	35871	47.95	ng	72
8) bis(2-Chloroethyl)ether	5.578	93	97099	44.02	ng	80
10) Phenol	5.498	94	149819	48.97	ng	92
11) 2-Chlorophenol	5.621	128	120013	46.81	ng	77
12) N-Decane	5.664	57	94055	45.03	ng	77
13) 1,3-Dichlorobenzene	5.755	146	127314	44.36	ng	95
14) 1,4-Dichlorobenzene	5.819	146	137034	44.83	ng	98
15) 1,2-Dichlorobenzene	5.942	146	123327	44.66	ng	98
16) Benzyl alcohol	5.915	108	75001	46.54	ng	86
17) bis(2-chloroisopropyl)...	6.028	45	112472	47.57	ng	65
18) 2-Methylphenol	6.006	108	105290	45.75	ng	95
19) Acetophenone	6.129	105	177040	48.11	ng	85
20) Hexachloroethane	6.215	117	47347	44.45	ng	66
21) N-Nitroso-di-n-propyla...	6.129	70	84268	44.27	ng	82
22) 3&4-Methylphenol	6.129	108	116875	45.52	ng	99
25) Nitrobenzene	6.268	77	122674	45.44	ng	80
26) Isophorone	6.455	82	213969	45.33	ng	81
27) 2-Nitrophenol	6.514	139	67277	44.33	ng	93
28) 2,4-Dimethylphenol	6.541	107	119699	44.83	ng	97
29) Benzoic Acid	6.611	105	70375m	44.15	ng	
30) bis(2-Chloroethoxy)met...	6.616	93	125823	45.58	ng	97
31) 2,4-Dichlorophenol	6.696	162	105346	46.48	ng	87
32) 1,2,4-Trichlorobenzene	6.766	180	121540	44.74	ng	97
33) Naphthalene	6.824	128	358497	44.43	ng	99
34) 4-Chloroaniline	6.862	127	134002	53.89	ng	99
35) Hexachlorobutadiene	6.915	225	74581	45.37	ng	97
36) Caprolactam	7.140	113	38702	48.72	ng	60
37) 4-Chloro-3-methylphenol	7.226	107	108890	46.34	ng	80
38) 2-Methylnaphthalene	7.359	142	250081	44.79	ng	100
39) Methylnaphthalenes (To...	7.359	142	250081	44.79	ng	100
40) 1,1'-Biphenyl	7.728	154	311458	44.33	ng	93
42) 1,2,4,5-Tetrachloroben...	7.493	216	147354	46.99	ng	99
43) Hexachlorocyclopentadiene	7.482	237	80340	41.65	ng	98
44) 2,4,6-Trichlorophenol	7.579	196	83429	46.30	ng	98
45) 2,4,5-Trichlorophenol	7.611	196	90333	46.20	ng	98
47) 2-Chloronaphthalene	7.755	162	240108	44.37	ng	91
48) 1,4-Dimethylnaphthalene	8.033	156	196313	44.45	ng	84
49) Dimethylnaphthalenes (...	8.033	156	196313	44.45	ng	84
50) Diphenyl Ether	7.814	170	188117	47.46	ng	76
51) 2-Nitroaniline	7.830	65	85450	46.38	ng	64
52) Acenaphthylene	8.108	152	378494	43.87	ng	98
53) Dimethylphthalate	7.974	163	271647	44.22	ng	97
54) 2,6-Dinitrotoluene	8.033	165	66098	45.16	ng	60
55) Acenaphthene	8.258	153	250202	44.53	ng	96
56) 3-Nitroaniline	8.183	138	63677	52.71	ng	76
57) 2,4-Dinitrophenol	8.274	184	38720	40.34	ng	85
58) Dibenzofuran	8.413	168	347645	44.26	ng	83
59) 2,4-Dinitrotoluene	8.386	165	89073	47.67	ng	64

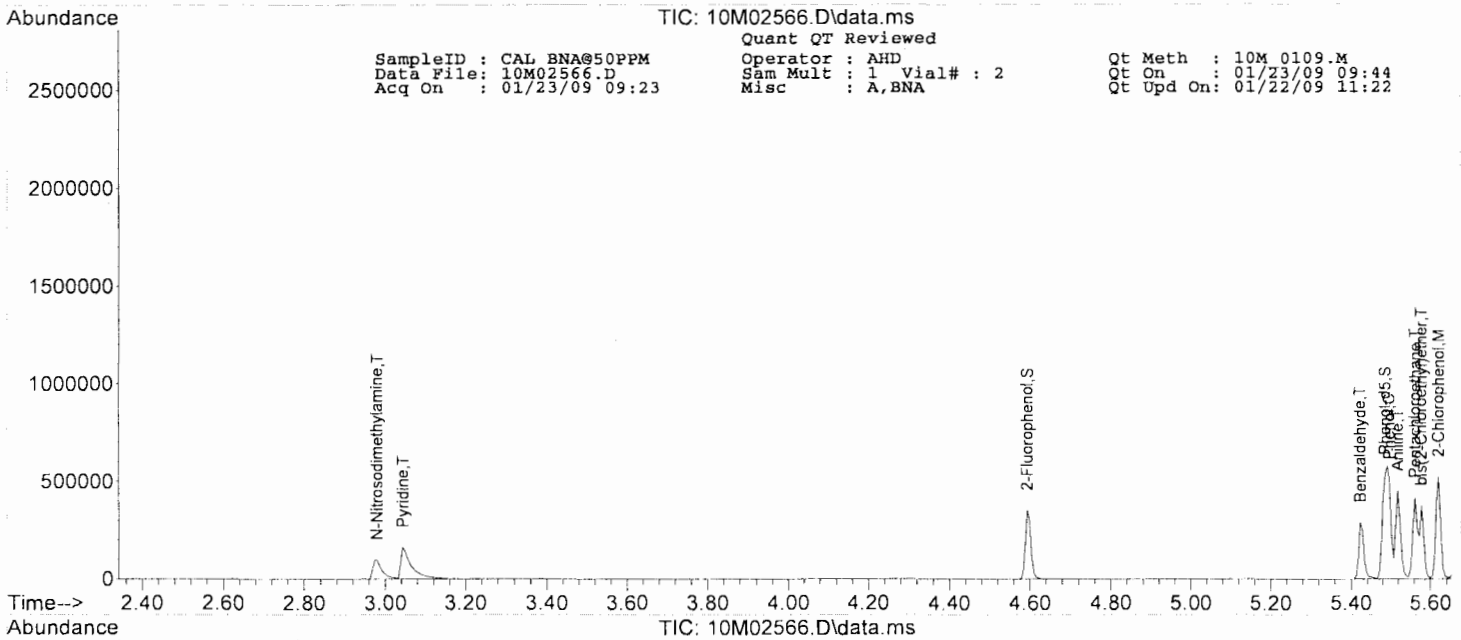
Quantitation Report (QT Reviewed)

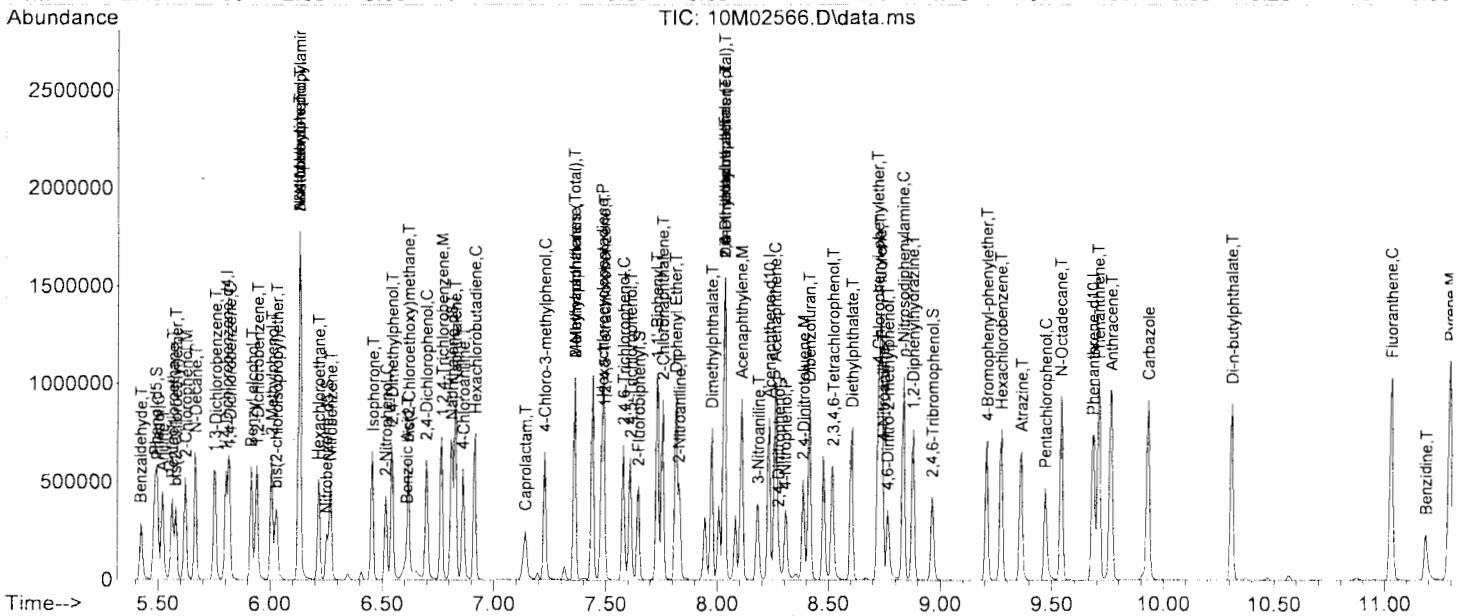
SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02566.D Sam Mult : 1 Vial# : 2 Qt On : 01/23/09 09:44
Acq On : 01/23/09 09:23 Misc : A,BNA Qt Upd On: 01/22/09 11:22

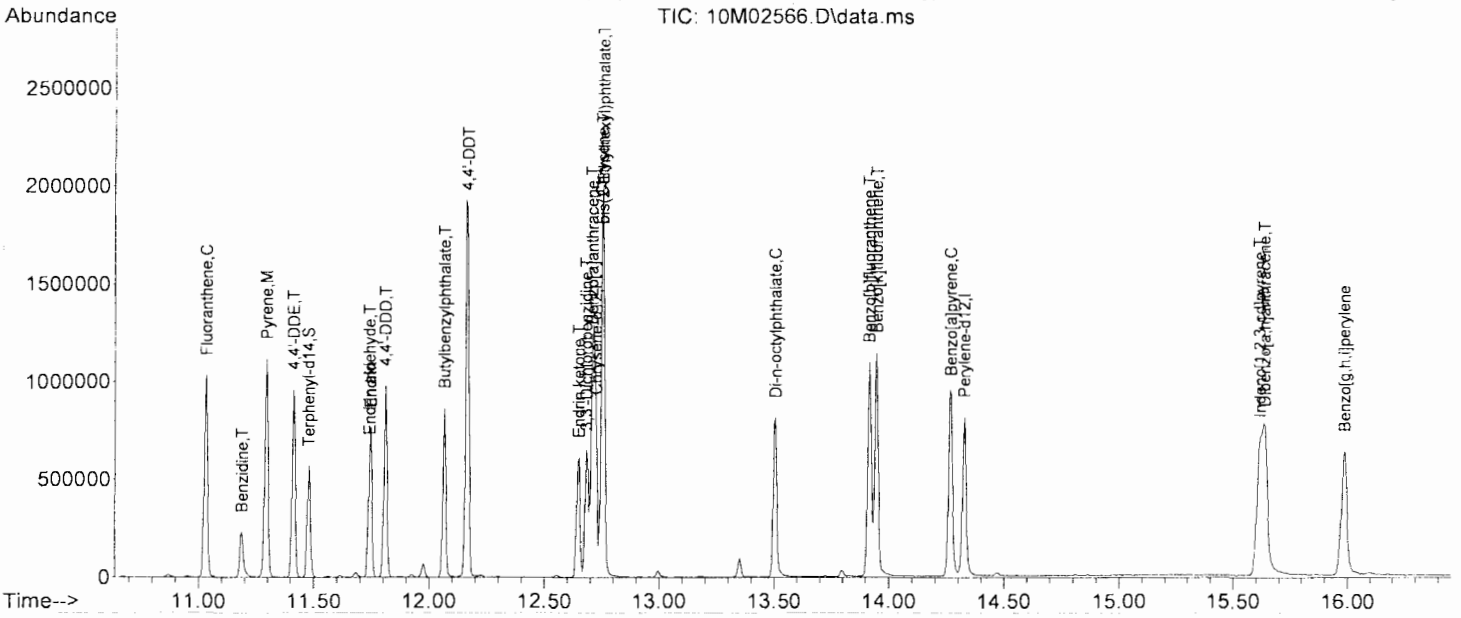
Data Path : G:\GcMsData\2009\GCMS_10\Data\01-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60)	4-Nitrophenol	8.306	65	50650	42.93 ng	86
61)	2,3,4,6-Tetrachlorophenol	8.520	232	85565	45.16 ng	79
62)	Fluorene	8.734	166	294567	44.54 ng	100
63)	4-Chlorophenyl-phenyle...	8.723	204	152358	44.45 ng	80
64)	Diethylphthalate	8.606	149	269104	45.24 ng	95
65)	4-Nitroaniline	8.745	138	70570	47.32 ng	76
66)	Atrazine	9.365	200	85867	46.23 ng	93
68)	4,6-Dinitro-2-methylph...	8.766	198	55764	50.61 ng	100
69)	n-Nitrosodiphenylamine	8.836	169	252657	46.43 ng	98
71)	1,2-Diphenylhydrazine	8.878	77	262606	47.52 ng	80
72)	4-Bromophenyl-phenylether	9.210	248	101180	46.19 ng	76
73)	Hexachlorobenzene	9.274	284	113262	45.22 ng	54
74)	N-Octadecane	9.542	57	130662	47.97 ng	72
75)	Pentachlorophenol	9.472	266	67428	43.30 ng	99
76)	Phenanthrene	9.707	178	427089	45.57 ng	97
77)	Anthracene	9.766	178	436714	46.53 ng	99
78)	Carbazole	9.932	167	389016	44.95 ng	97
79)	Di-n-butylphthalate	10.312	149	447793	48.60 ng	97
80)	Fluoranthene	11.034	202	472622	47.10 ng	80
82)	Pyrene	11.296	202	515097	46.18 ng	78
83)	Benzidine	11.189	184	109627	39.31 ng	79
85)	4,4'-DDE	11.414	246	117131	44.79 ng	87
86)	Endrin	11.745	81	23295	47.78 ng	17
87)	4,4'-DDD	11.809	235	196936	46.30 ng	92
88)	Butylbenzylphthalate	12.066	149	196392	45.28 ng	69
89)	Endrin aldehyde	11.740	67	11577	42.41 ng	78
90)	4,4'-DDT	12.168	235	206419	45.00 ng	95
91)	Endrin ketone	12.649	317	25368	43.16 ng	95
92)	3,3'-Dichlorobenzidine	12.681	252	170194	52.23 ng	93
93)	Benzo[a]anthracene	12.708	228	513237	46.31 ng	98
94)	Chrysene	12.751	228	502970	44.95 ng	97
95)	bis(2-Ethylhexyl)phtha...	12.756	149	275642	47.15 ng	87
97)	Di-n-octylphthalate	13.505	149	442658	44.99 ng	98
98)	Benzo[b]fluoranthene	13.917	252	521247	47.53 ng	89
99)	Benzo[k]fluoranthene	13.949	252	513928	44.41 ng	88
100)	Benzo[a]pyrene	14.270	252	493551	47.40 ng	87
101)	Indeno[1,2,3-cd]pyrene	15.618	276	565358	49.22 ng	66
102)	Dibenzo[a,h]anthracene	15.639	278	480631	50.08 ng	81
103)	Benzo[g,h,i]perylene	15.987	276	472748	47.81 ng	73

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


Abundance
TIC: 10M02566.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 10M02566.D
Acq On : 01/23/09 09:23
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/23/09 09:44
Qt Upd On: 01/22/09 11:22
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
Time-->


Abundance
TIC: 10M02566.D\data.ms
Benzaldehyde,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthylene,M
3-Nitroaniline,T
Dimethylphthalate,T
Diethylphthalate,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Time-->


Abundance
TIC: 10M02566.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

GC/MS Semi-Volatile Data
Raw QC Data

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 10
Data File: 10M02298.D
Analysis Date: 01/09/09 09:04
Method: EPA 625

Tune Scan/Time Range: Average of 10.023 to 10.034 min

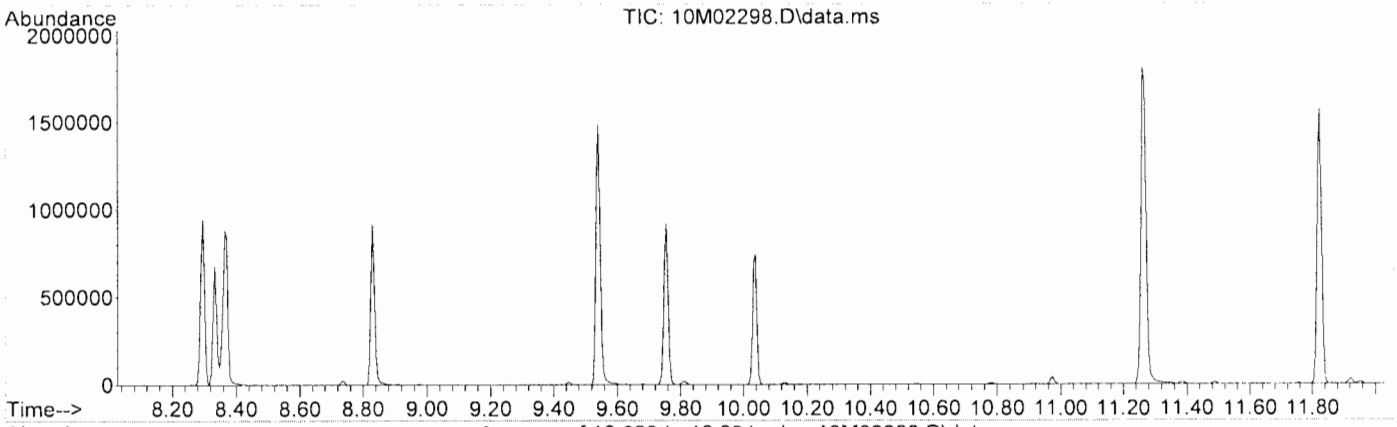
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	43.4	16685	PASS
68	69	0.00	2	0.3	65	PASS
69	198	0.00	100	52.8	20290	PASS
70	69	0.00	2	0.3	53	PASS
127	198	40	60	47.4	18236	PASS
197	198	0.00	1	0.8	290	PASS
198	198	100	100	100.0	38453	PASS
199	198	5	9	6.2	2394	PASS
275	198	10	30	27.5	10580	PASS
365	198	1	100	3.1	1185	PASS
441	443	0.01	100	85.9	4445	PASS
442	198	40	100	66.4	25518	PASS
443	442	17	23	20.3	5174	PASS

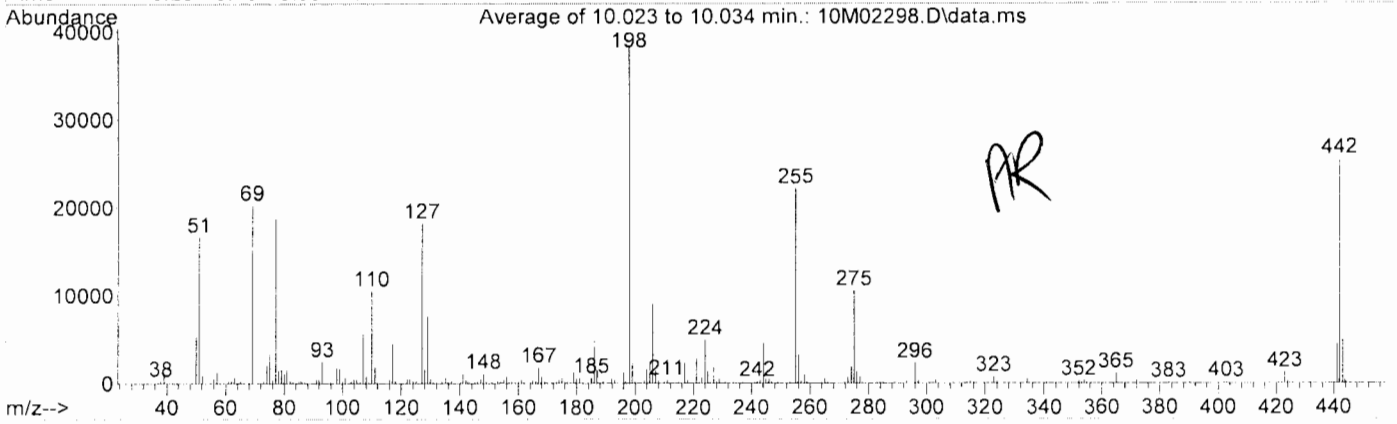
Data File	Sample Number	Analysis Date:
10M02299.D	CAL BNA@196PP	01/09/09 09:33
10M02300.D	CAL BNA@160PP	01/09/09 09:56
10M02301.D	CAL BNA@120PP	01/09/09 10:18
10M02302.D	CAL BNA@80PPM	01/09/09 10:41
10M02303.D	CAL BNA@50PPM	01/09/09 11:04
10M02304.D	CAL BNA@20PPM	01/09/09 11:27
10M02305.D	CAL BNA@10PPM	01/09/09 11:50
10M02306.D	CAL BNA@2PPM	01/09/09 12:13
10M02307.D	ICV BNA@50PPM	01/09/09 12:36
10M02308.D	WMB4019(MS)	01/09/09 14:10
10M02309.D	WMB4019	01/09/09 14:32
10M02310.D	WMB4018(MS)	01/09/09 14:55
10M02311.D	WMB4018	01/09/09 15:18
10M02312.D	AC41842-010	01/09/09 15:41
10M02313.D	AC42026-002(R)	01/09/09 16:27
10M02314.D	WMB4015(MS)	01/09/09 16:50
10M02315.D	WMB4015	01/09/09 17:12
10M02316.D	AC41930-008(T)	01/09/09 17:35
10M02317.D	AC42070-001	01/09/09 17:58
10M02318.D	AC42033-001	01/09/09 18:21
10M02319.D	AC42040-001	01/09/09 18:44
10M02320.D	AC42040-002	01/09/09 19:06
10M02321.D	AC42040-003	01/09/09 19:29
10M02322.D	AC42024-001(R)	01/09/09 19:52
10M02323.D	AC42024-002(R)	01/09/09 20:15
10M02324.D	AC42069-001(20X)	01/09/09 20:38

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-09-09\
Data File : 10M02298.D
Acq On : 9 Jan 2009 9:04
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0108.M
Title : @GCMS_10,mg,625,8270
Last Update : Thu Jan 08 11:37:16 2009





Spectrum Information: Average of 10.023 to 10.034 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	43.4	16685	PASS
68	69	0.00	2	0.3	65	PASS
69	198	0.00	100	52.8	20290	PASS
70	69	0.00	2	0.3	53	PASS
127	198	40	60	47.4	18236	PASS
197	198	0.00	1	0.8	290	PASS
198	198	100	100	100.0	38453	PASS
199	198	5	9	6.2	2394	PASS
275	198	10	30	27.5	10580	PASS
365	198	1	100	3.1	1185	PASS
441	443	0.01	100	85.9	4445	PASS
442	198	40	100	66.4	25518	PASS
443	442	17	23	20.3	5174	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 10
Data File: 10M02565.D
Analysis Date: 01/23/09 08:49
Method: EPA 625

Tune Scan/Time Range: Scan 1425

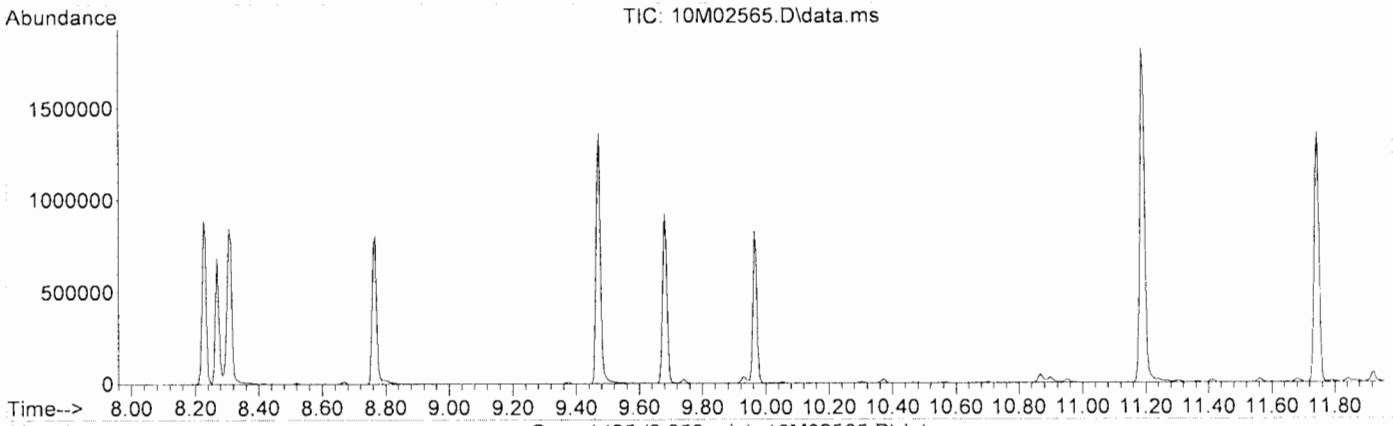
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	48.2	21016	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	56.5	24664	PASS
70	69	0.00	2	1.6	399	PASS
127	198	40	60	51.8	22600	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	43640	PASS
199	198	5	9	6.7	2928	PASS
275	198	10	30	27.4	11978	PASS
365	198	1	100	2.8	1242	PASS
441	443	0.01	100	70.9	3181	PASS
442	198	40	100	46.4	20240	PASS
443	442	17	23	22.2	4485	PASS

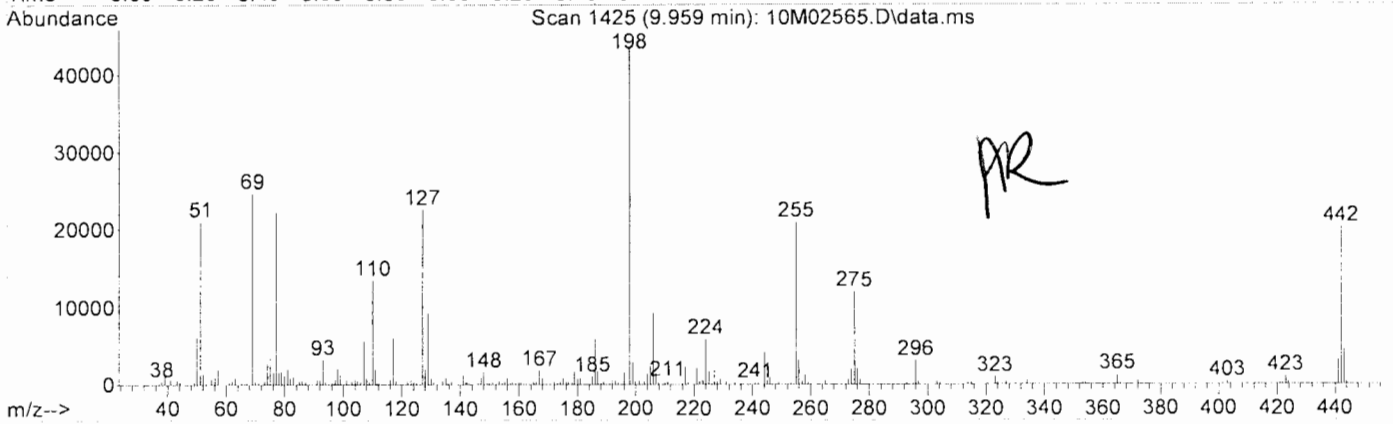
Data File	Sample Number	Analysis Date:
10M02566.D	CAL BNA@50PPM	01/23/09 09:23
10M02567.D	WMB4029	01/23/09 09:54
10M02568.D	WMB4029(MS)	01/23/09 10:16
10M02569.D	AC42180-002(T)	01/23/09 10:38
10M02570.D	AC42180-002(MS)(	01/23/09 11:00
10M02571.D	AC42180-002(MSD	01/23/09 11:22
10M02572.D	AC42180-001(T)	01/23/09 11:45
10M02573.D	AC42180-004(T)	01/23/09 12:07
10M02574.D	AC42199-001(T)	01/23/09 12:29
10M02575.D	EF-1 V-59115	01/23/09 12:52
10M02576.D	AC42239-012	01/23/09 13:14
10M02577.D	AC42237-001	01/23/09 13:36
10M02578.D	AC42237-002	01/23/09 13:59
10M02579.D	AC42249-001	01/23/09 14:21
10M02580.D	AC42249-002	01/23/09 14:43
10M02581.D	AC42249-003	01/23/09 15:06
10M02582.D	AC42249-004	01/23/09 15:28
10M02583.D	AC42261-002	01/23/09 15:50
10M02584.D	AC42261-003	01/23/09 16:13
10M02585.D	AC42279-001	01/23/09 16:35
10M02586.D	AC42279-003	01/23/09 17:33

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-23-09\
Data File : 10M02565.D
Acq On : 23 Jan 2009 8:49
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0109.M
Title : @GCMS_10,mg,625,8270
Last Update : Fri Jan 09 14:14:06 2009





Spectrum Information: Scan 1425

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	48.2	21016	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	56.5	24664	PASS
70	69	0.00	2	1.6	399	PASS
127	198	40	60	51.8	22600	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	43640	PASS
199	198	5	9	6.7	2928	PASS
275	198	10	30	27.4	11978	PASS
365	198	1	100	2.8	1242	PASS
441	443	0.01	100	70.9	3181	PASS
442	198	40	100	46.4	20240	PASS
443	442	17	23	22.2	4485	PASS

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB4029
Client Id:
Data File: 10M02567.D
Analysis Date: 01/23/09 09:54
Date Rec/Extracted: NA-01/22/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 106954

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

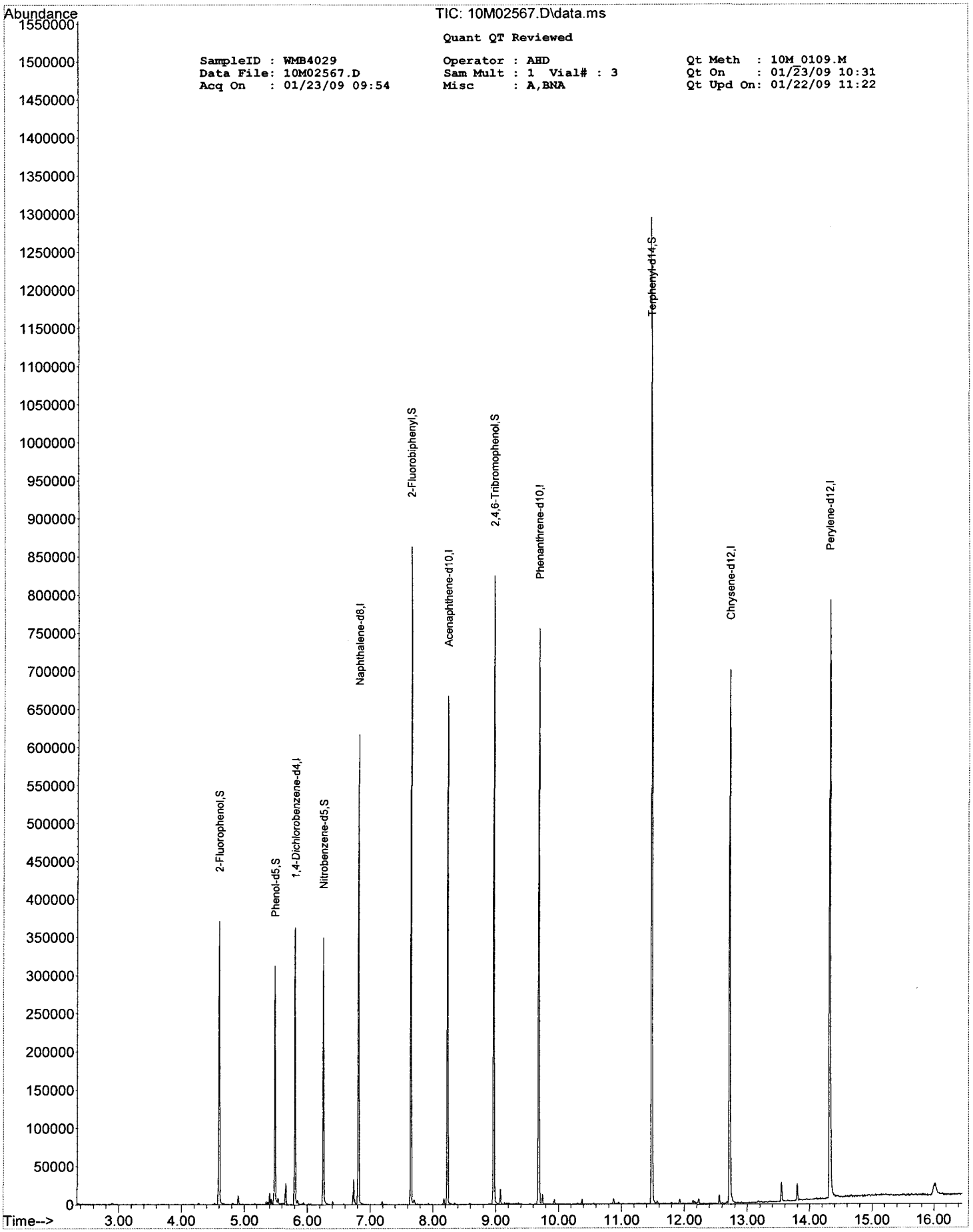
SampleID : WMB4029 Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02567.D Sam Mult : 1 Vial# : 3 Qt On : 01/23/09 10:31
Acq On : 01/23/09 09:54 Misc : A,BNA Qt Upd On: 01/22/09 11:22

Data Path : G:\GcMsData\2009\GCMS_10\Data\01-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.803	152	56548	40.00	ng	-0.06
23) Naphthalene-d8	6.808	136	226855	40.00	ng	-0.06
41) Acenaphthene-d10	8.226	164	145665	40.00	ng	-0.07
67) Phenanthrene-d10	9.681	188	270418	40.00	ng	-0.07
81) Chrysene-d12	12.719	240	313507	40.00	ng	-0.07
96) Perylene-d12	14.323	264	358175	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	4.594	112	98115	60.47	ng	-0.06
Spiked Amount 100.000			Recovery = 60.47%			
9) Phenol-d5	5.482	99	93955	42.04	ng	-0.05
Spiked Amount 100.000			Recovery = 42.04%			
24) Nitrobenzene-d5	6.252	128	44399	45.48	ng	-0.05
Spiked Amount 50.000			Recovery = 90.96%			
46) 2-Fluorobiphenyl	7.643	172	251603	46.83	ng	-0.06
Spiked Amount 50.000			Recovery = 93.66%			
70) 2,4,6-Tribromophenol	8.964	330	112621	98.90	ng	-0.06
Spiked Amount 100.000			Recovery = 98.90%			
84) Terphenyl-d14	11.478	244	471814	52.21	ng	-0.07
Spiked Amount 50.000			Recovery = 104.42%			
Target Compounds						Qvalue

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

We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Quant QT Reviewed
SampleID : WMB4029
Data File: 10M02567.D
Acq On : 01/23/09 09:54
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/23/09 10:31
Qt Upd On: 01/22/09 11:22
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

FORM 3

Spike Recovery

Batch Number: WMB4029
Mbs Name: WMB4029(MS)
Ns Name: AC42180-002(T)
Ms Name: AC42180-002(MS)(
Msd Name: AC42180-002(MSD

Mbs File: 10M02568.D
Non Spk'd File: 10M02569.D
Spike File: 10M02570.D
Spike Dup File: 10M02571.D
Matrix: Aqueous
Method: EPA 625

Mbs Date: 01/23/09 10:16
Non Spk'd Date: 01/23/09 10:38
Spike Date : 01/23/09 11:00
Spike Dup Date: 01/23/09 11:22

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
N-Nitrosodimethylami	3	1	0	100	40	109	17	67.13	0.00	88.13	82.53	67	88	83	6.6
bis(2-Chloroethyl)ethe	8	1	0	100	12	158	12	82.42	0.00	82.91	77.25	82	83	77	7.1
Phenol	10	1	0	100	5	112	27	39.13	0.00	75.41	71.56	39	75	72	5.2
2-Chlorophenol	11	1	0	100	23	134	21	85.61	0.00	88.41	82.22	86	88	82	7.3
bis(2-chloroisopropyl)	17	1	0	100	36	166	14	89.49	0.00	87.63	82.77	89	88	83	5.7
Hexachloroethane	20	1	0	100	40	113	39	81.74	0.00	83.47	74.09	82	83	74	12
N-Nitroso-di-n-propyla	21	1	0	100	1	230	14	89.60	0.00	86.51	84.21	90	87	84	2.7
Nitrobenzene	25	1	0	100	35	180	13	91.04	0.00	91.83	89.28	91	92	89	2.8
Isophorone	26	1	0	100	21	196	12	87.41	0.00	84.62	83.77	87	85	84	1
2-Nitrophenol	27	1	0	100	29	182	31	90.69	0.00	92.09	89.17	91	92	89	3.2
2,4-Dimethylphenol	28	1	0	100	32	119	18	86.27	0.00	88.27	85.56	86	88	86	3.1
bis(2-Chloroethoxy)m	30	1	0	100	33	184	12	93.69	0.00	92.49	90.92	94	92	91	1.7
2,4-Dichlorophenol	31	1	0	100	39	135	21	96.68	0.00	97.30	94.22	97	97	94	3.2
1,2,4-Trichlorobenzen	32	1	0	100	44	142	17	85.81	0.00	87.08	82.46	86	87	82	5.5
Naphthalene	33	1	0	100	21	133	16	87.64	0.00	87.66	83.10	88	88	83	5.3
Hexachlorobutadiene	35	1	0	100	24	116	24	85.16	0.00	86.97	81.57	85	87	82	6.4
4-Chloro-3-methylphe	37	1	0	100	22	147	16	98.21	0.00	96.71	94.96	98	97	95	1.8
2,4,6-Trichlorophenol	44	1	0	100	37	144	24	96.17	0.00	101.14	93.30	96	101	93	8.1
2-Chloronaphthalene	47	1	0	100	60	118	13	91.84	0.00	93.36	88.26	92	93	88	5.6
Acenaphthylene	52	1	0	100	33	145	13	93.52	0.00	94.31	89.80	94	94	90	4.9
Dimethylphthalate	53	1	0	100	1	112	12	96.15	0.00	95.22	93.82	96	95	94	1.5
2,6-Dinitrotoluene	54	1	0	100	50	158	13	91.63	0.00	90.68	91.23	92	91	91	0.6
Acenaphthene	55	1	0	100	47	145	14	90.87	0.00	91.51	88.43	91	92	88	3.4
2,4-Dinitrophenol	57	1	0	100	1	191	37	89.92	0.00	94.49	93.29	90	94	93	1.3
2,4-Dinitrotoluene	59	1	0	100	39	139	13	99.24	0.00	99.54	97.56	99	100	98	2
4-Nitrophenol	60	1	0	100	1	132	41	45.90	0.00	83.58	86.72	46	84	87	3.7
Fluorene	62	1	0	100	59	121	14	91.24	0.00	90.61	87.63	91	91	88	3.3
4-Chlorophenyl-phenyl	63	1	0	100	25	158	13	93.47	0.00	92.05	90.04	93	92	90	2.2
Diethylphthalate	64	1	0	100	1	114	12	94.19	0.00	94.00	94.02	94	94	94	0.02
4,6-Dinitro-2-methylph	68	1	0	100	1	181	25	102.89	0.00	100.44	100.80	103	100	101	0.36
4-Bromophenyl-phenyl	72	1	0	100	53	127	13	100.01	0.00	98.07	99.82	100	98	100	1.8
Hexachlorobenzene	73	1	0	100	1	152	12	95.54	0.00	93.66	94.48	96	94	94	0.87
Pentachlorophenol	75	1	0	100	14	176	31	94.38	0.00	97.63	100.49	94	98	100	2.9
Phenanthrene	76	1	0	100	54	120	12	98.53	0.00	96.17	98.31	99	96	98	2.2
Anthracene	77	1	0	100	27	133	12	96.23	0.00	93.40	96.28	96	93	96	3
Di-n-butylphthalate	79	1	0	100	1	118	12	104.31	0.00	101.89	104.58	104	102	105	2.6
Fluoranthene	80	1	0	100	26	137	13	102.38	0.00	101.91	104.10	102	102	104	2.1
Pyrene	82	1	0	100	52	115	13	94.74	0.00	89.33	93.25	95	89	93	4.3
Butylbenzylphthalate	88	1	0	100	1	152	12	98.78	0.00	93.14	96.54	99	93	97	3.6
3,3'-Dichlorobenzidine	92	1	0	100	1	262	40	144.53	0.00	94.37	107.42	145	94	107	13
Benzo[a]anthracene	93	1	0	100	33	143	12	94.76	0.00	92.24	95.54	95	92	96	3.5
Chrysene	94	1	0	100	17	168	12	81.05	0.00	79.34	82.23	81	79	82	3.6
bis(2-Ethylhexyl)phtha	95	1	0	100	8	158	14	105.29	0.00	99.47	102.49	105	99	102	3
Di-n-octylphthalate	97	1	0	100	4	146	14	102.88	0.00	94.96	96.85	103	95	97	2
Benzo[b]fluoranthene	98	1	0	100	24	159	15	94.35	0.00	94.49	94.71	94	94	95	0.23
Benzo[k]fluoranthene	99	1	0	100	11	162	14	100.14	0.00	96.02	98.59	100	96	99	2.6
Benzo[a]pyrene	1001	0		100	17	163	13	100.72	0.00	98.50	100.18	101	99	100	1.7
Indeno[1,2,3-cd]pyren	1011	0		100	1	171	14	99.54	0.00	103.49	104.22	100	103	104	0.7
Dibenzo[a,h]anthrace	1021	0		100	1	227	14	101.43	0.00	104.98	106.60	101	105	107	1.5
Benzo[g,h,i]perylene	1031	0		100	1	219	15	94.17	0.00	98.97	100.22	94	99	100	1.3

Note:

Rp = Failed Rpd Criteria

Mo = Failed Recovery Criteria

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

Quantitation Report (QT Reviewed)

SampleID : WMB4029(MS) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02568.D Sam Mult : 1 Vial# : 4 Qt On : 01/23/09 10:42
Acq On : 01/23/09 10:16 Misc : A,BNA Qt Upd On: 01/22/09 11:22

Data Path : G:\GCMSDATA\2009\GCMS_10\DATA\01-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.803	152	68715	40.00	ng	-0.06
23) Naphthalene-d8	6.808	136	262000	40.00	ng	-0.06
41) Acenaphthene-d10	8.231	164	164131	40.00	ng	-0.06
67) Phenanthrene-d10	9.681	188	286609	40.00	ng	-0.07
81) Chrysene-d12	12.724	240	310007	40.00	ng	-0.07
96) Perylene-d12	14.328	264	305972	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	4.599	112	112578	57.10	ng	-0.06
Spiked Amount 100.000			Recovery = 57.10%			
9) Phenol-d5	5.482	99	109462	40.31	ng	-0.05
Spiked Amount 100.000			Recovery = 40.31%			
24) Nitrobenzene-d5	6.252	128	53180	47.16	ng	-0.05
Spiked Amount 50.000			Recovery = 94.32%			
46) 2-Fluorobiphenyl	7.648	172	266346	44.00	ng	-0.06
Spiked Amount 50.000			Recovery = 88.00%			
70) 2,4,6-Tribromophenol	8.964	330	123710	102.50	ng	-0.06
Spiked Amount 100.000			Recovery = 102.50%			
84) Terphenyl-d14	11.478	244	457004	51.14	ng	-0.07
Spiked Amount 50.000			Recovery = 102.28%			
Target Compounds						Qvalue
2) Pyridine	3.048	79	82905	39.92	ng	71
3) N-Nitrosodimethylamine	2.979	74	74555	67.13	ng	87
8) bis(2-Chloroethyl)ether	5.578	93	170384	82.42	ng	81
10) Phenol	5.498	94	112187	39.13	ng	93
11) 2-Chlorophenol	5.621	128	205691	85.61	ng	78
13) 1,3-Dichlorobenzene	5.755	146	218693	81.31	ng	97
14) 1,4-Dichlorobenzene	5.819	146	232072	81.02	ng	98
15) 1,2-Dichlorobenzene	5.942	146	220791	85.32	ng	95
17) bis(2-chloroisopropyl)...	6.027	45	198265	89.49	ng	59
18) 2-Methylphenol	6.006	108	173891	80.62	ng	98
20) Hexachloroethane	6.215	117	81589	81.74	ng	72
21) N-Nitroso-di-n-propyla...	6.134	70	159823	89.60	ng	73
22) 3&4-Methylphenol	6.129	108	179394	74.55	ng	88
25) Nitrobenzene	6.268	77	229653	91.04	ng	85
26) Isophorone	6.455	82	385547	87.41	ng	85
27) 2-Nitrophenol	6.519	139	128597	90.69	ng	86
28) 2,4-Dimethylphenol	6.546	107	215217	86.27	ng	96
29) Benzoic Acid	6.616	105	54510	36.60	ng	88
30) bis(2-Chloroethoxy)met...	6.621	93	241683	93.69	ng	97
31) 2,4-Dichlorophenol	6.701	162	204726	96.68	ng	85
32) 1,2,4-Trichlorobenzene	6.765	180	217833	85.81	ng	95
33) Naphthalene	6.830	128	660760	87.64	ng	99
35) Hexachlorobutadiene	6.915	225	130809	85.16	ng	98
36) Caprolactam	7.220	113	6314	8.54	ng	13
37) 4-Chloro-3-methylphenol	7.220	107	215623	98.21	ng	84
43) Hexachlorocyclopentadiene	7.477	237	159479	83.93	ng	96
44) 2,4,6-Trichlorophenol	7.578	196	166443	96.17	ng	99
45) 2,4,5-Trichlorophenol	7.605	196	185414	98.71	ng	100
47) 2-Chloronaphthalene	7.755	162	477375	91.84	ng	92
51) 2-Nitroaniline	8.033	65	8301	4.69	ng	47
52) Acenaphthylene	8.108	152	775015	93.52	ng	98
53) Dimethylphthalate	7.974	163	567358	96.15	ng	98
54) 2,6-Dinitrotoluene	8.033	165	128823	91.63	ng	55
55) Acenaphthene	8.258	153	490466	90.87	ng	95
57) 2,4-Dinitrophenol	8.268	184	87690	89.92	ng	81
58) Dibenzofuran	8.520	168	40425	5.36	ng	30
59) 2,4-Dinitrotoluene	8.386	165	178092	99.24	ng	65
60) 4-Nitrophenol	8.306	65	52013	45.90	ng	88
61) 2,3,4,6-Tetrachlorophenol	8.520	232	172822	94.97	ng	80
62) Fluorene	8.734	166	579594	91.24	ng	100
63) 4-Chlorophenyl-phenyle...	8.723	204	307716	93.47	ng	82
64) Diethylphthalate	8.605	149	538137	94.19	ng	95
65) 4-Nitroaniline	8.734	138	7635	5.33	ng	19
66) Atrazine	9.472	200	21126	11.84	ng	35
68) 4,6-Dinitro-2-methylph...	8.766	198	125290	102.89	ng	100
69) n-Nitrosodiphenylamine	8.835	169	433551	80.15	ng	99
71) 1,2-Diphenylhydrazine	8.878	77	542301	98.74	ng	80
72) 4-Bromophenyl-phenylether	9.210	248	217739	100.01	ng	76
73) Hexachlorobenzene	9.274	284	237871	95.54	ng	54
75) Pentachlorophenol	9.472	266	150813	94.38	ng	96
76) Phenanthrene	9.713	178	917809	98.53	ng	96
77) Anthracene	9.766	178	897651	96.23	ng	98

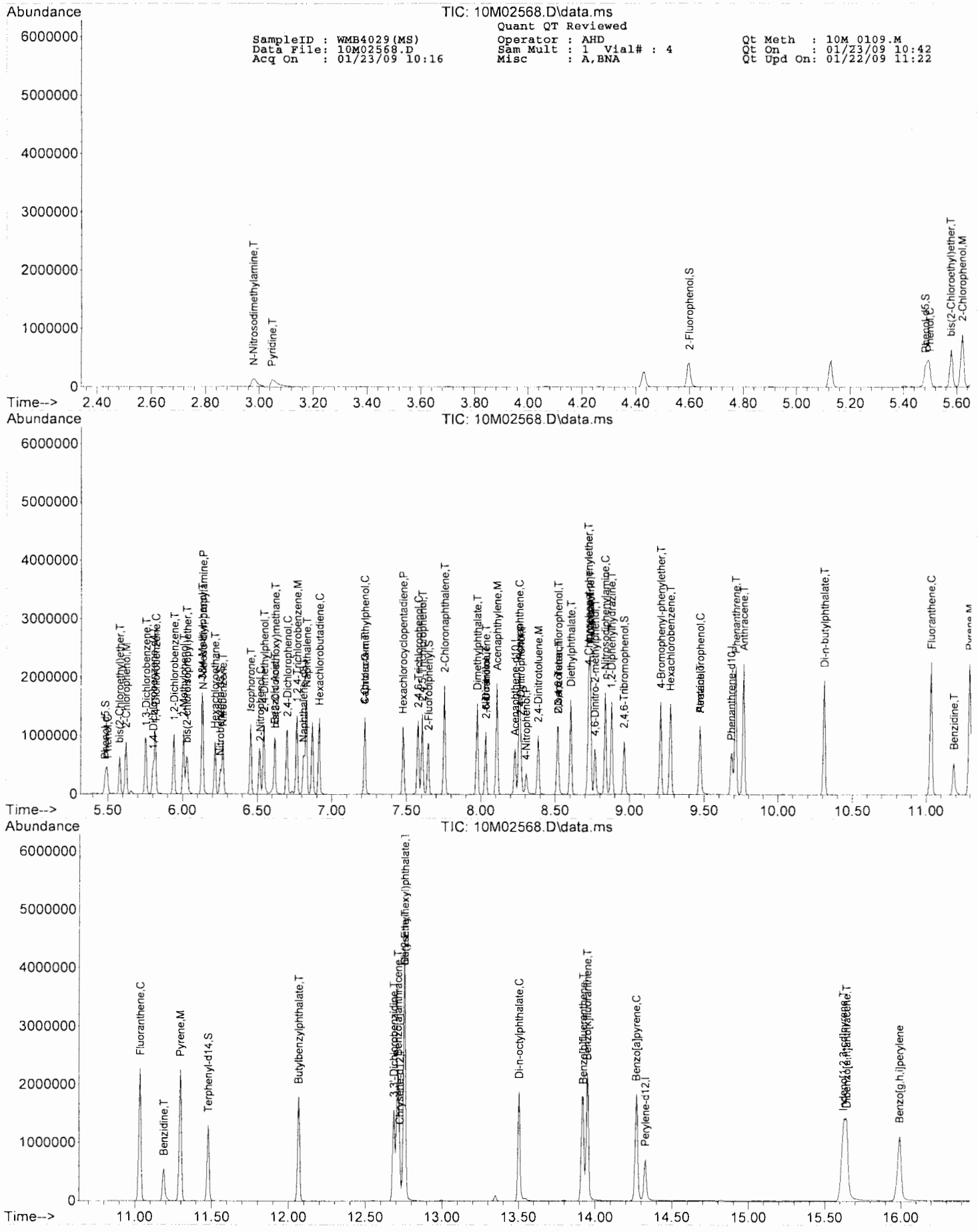
Quantitation Report (QT Reviewed)

SampleID : WMB4029(MS) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02568.D Sam Mult : 1 Vial# : 4 Qt On : 01/23/09 10:42
Acq On : 01/23/09 10:16 Misc : A,BNA Qt Upd On: 01/22/09 11:22

Data Path : G:\GCMSDATA\2009\GCMS_10\DATA\01-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
79) Di-n-butylphthalate	10.312	149	955235	104.31 ng	97
80) Fluoranthene	11.034	202	1021179	102.38 ng	83
82) Pyrene	11.296	202	1033346	94.74 ng	81
83) Benzidine	11.189	184	241468	124.08 ng	80
88) Butylbenzylphthalate	12.066	149	422474	98.78 ng	70
92) 3,3'-Dichlorobenzidine	12.686	252	390962	144.53 ng	93
93) Benzo[a]anthracene	12.713	228	1026852	94.76 ng	97
94) Chrysene	12.756	228	886683	81.05 ng	96
95) bis(2-Ethylhexyl)phtha...	12.756	149	601876	105.29 ng	89
97) Di-n-octylphthalate	13.505	149	937895	102.88 ng	98
98) Benzo[b]fluoranthene	13.922	252	927413	94.35 ng	89
99) Benzo[k]fluoranthene	13.949	252	1038597	100.14 ng	89
100) Benzo[a]pyrene	14.270	252	939981	100.72 ng	88
101) Indeno[1,2,3-cd]pyrene	15.623	276	1024756	99.54 ng	65
102) Dibenzo[a,h]anthracene	15.644	278	872483	101.43 ng	81
103) Benzo[g,h,i]perylene	15.992	276	834480	94.17 ng	73

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


Abundance
TIC: 10M02568.D\data.ms
Quant QT Reviewed
SampleID : WMB4029(MS)
Data File: 10M02568.D
Acq On : 01/23/09 10:16
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/23/09 10:42
Qt Upd On: 01/22/09 11:22
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Phenol-d5,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
Time-->

Quantitation Report (QT Reviewed)

SampleID : AC42180-002(MS)(T) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02570.D Sam Mult : 1 Vial# : 6 Qt On : 01/23/09 13:49
Acq On : 01/23/09 11:00 Misc : A,BNA Qt Upd On: 01/22/09 11:22

Data Path : G:\GCMSDATA\2009\GCMS_10\DATA\01-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.803	152	61161	40.00	ng	-0.06
23) Naphthalene-d8	6.808	136	227406	40.00	ng	-0.06
41) Acenaphthene-d10	8.226	164	137955	40.00	ng	-0.07
67) Phenanthrene-d10	9.681	188	244768	40.00	ng	-0.07
81) Chrysene-d12	12.719	240	279241	40.00	ng	-0.07
96) Perylene-d12	14.328	264	293124	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	4.599	112	142310	81.10	ng	-0.06
Spiked Amount 100.000			Recovery = 81.10%			
9) Phenol-d5	5.487	99	187011	77.37	ng	-0.05
Spiked Amount 100.000			Recovery = 77.37%			
24) Nitrobenzene-d5	6.252	128	46487	47.50	ng	-0.05
Spiked Amount 50.000			Recovery = 95.00%			
46) 2-Fluorobiphenyl	7.643	172	225970	44.41	ng	-0.06
Spiked Amount 50.000			Recovery = 88.82%			
70) 2,4,6-Tribromophenol	8.964	330	103944	100.84	ng	-0.06
Spiked Amount 100.000			Recovery = 100.84%			
84) Terphenyl-d14	11.478	244	390168	48.47	ng	-0.07
Spiked Amount 50.000			Recovery = 96.94%			
Target Compounds						Qvalue
2) Pyridine	3.054	79	138782	75.07	ng	73
3) N-Nitrosodimethylamine	2.979	74	87118	88.13	ng	85
5) Benzaldehyde	5.498	77	2063	1.40	ng	15
8) bis(2-Chloroethyl)ether	5.578	93	152554	82.91	ng	78
10) Phenol	5.498	94	192451	75.41	ng	93
11) 2-Chlorophenol	5.621	128	189058	88.41	ng	79
12) N-Decane	5.664	57	1814	1.04	ng	91
13) 1,3-Dichlorobenzene	5.755	146	196787	82.20	ng	98
14) 1,4-Dichlorobenzene	5.819	146	206692	81.07	ng	97
15) 1,2-Dichlorobenzene	5.942	146	190059	82.51	ng	99
17) bis(2-chloroisopropyl)...	6.027	45	172805	87.63	ng	58
18) 2-Methylphenol	6.006	108	169995	88.54	ng	99
20) Hexachloroethane	6.215	117	74155	83.47	ng	69
21) N-Nitroso-di-n-propyla...	6.134	70	137349	86.51	ng	73
22) 3&4-Methylphenol	6.129	108	187271	87.43	ng	89
25) Nitrobenzene	6.268	77	201063	91.83	ng	82
26) Isophorone	6.455	82	323952	84.62	ng	84
27) 2-Nitrophenol	6.514	139	113337	92.09	ng	93
28) 2,4-Dimethylphenol	6.541	107	191129	88.27	ng	97
29) Benzoic Acid	6.632	105	128111	99.11	ng	90
30) bis(2-Chloroethoxy)met...	6.616	93	207073	92.49	ng	97
31) 2,4-Dichlorophenol	6.701	162	178832	97.30	ng	85
32) 1,2,4-Trichlorobenzene	6.766	180	191869	87.08	ng	95
33) Naphthalene	6.824	128	573653	87.66	ng	98
35) Hexachlorobutadiene	6.915	225	115942	86.97	ng	97
36) Caprolactam	7.220	113	5633	8.77	ng	12
37) 4-Chloro-3-methylphenol	7.220	107	184279	96.71	ng	80
43) Hexachlorocyclopentadiene	7.477	237	139240	87.03	ng	97
44) 2,4,6-Trichlorophenol	7.578	196	147128	101.14	ng	98
45) 2,4,5-Trichlorophenol	7.605	196	159924	101.30	ng	100
47) 2-Chloronaphthalene	7.755	162	407904	93.36	ng	91
51) 2-Nitroaniline	8.028	65	7202	4.84	ng	53
52) Acenaphthylene	8.108	152	656868	94.31	ng	99
53) Dimethylphthalate	7.974	163	472225	95.22	ng	98
54) 2,6-Dinitrotoluene	8.033	165	107155	90.68	ng	53
55) Acenaphthene	8.258	153	415142	91.51	ng	94
57) 2,4-Dinitrophenol	8.268	184	77845	94.49	ng	85
58) Dibenzofuran	8.515	168	35186	5.55	ng	30
59) 2,4-Dinitrotoluene	8.386	165	150143	99.54	ng	65
60) 4-Nitrophenol	8.306	65	79616	83.58	ng	82
61) 2,3,4,6-Tetrachlorophenol	8.515	232	142670	93.28	ng	80
62) Fluorene	8.734	166	483819	90.61	ng	100
63) 4-Chlorophenyl-phenyle...	8.723	204	254716	92.05	ng	81
64) Diethylphthalate	8.605	149	451399	94.00	ng	95
65) 4-Nitroaniline	8.734	138	6606	5.49	ng	14
66) Atrazine	9.472	200	18876	12.59	ng	36
68) 4,6-Dinitro-2-methylph...	8.766	198	103957	100.44	ng	100
69) n-Nitrosodiphenylamine	8.835	169	363262	78.64	ng	98
71) 1,2-Diphenylhydrazine	8.878	77	457451	97.53	ng	80
72) 4-Bromophenyl-phenylether	9.210	248	182356	98.07	ng	76
73) Hexachlorobenzene	9.274	284	199158	93.66	ng	52
75) Pentachlorophenol	9.472	266	133508	97.63	ng	98

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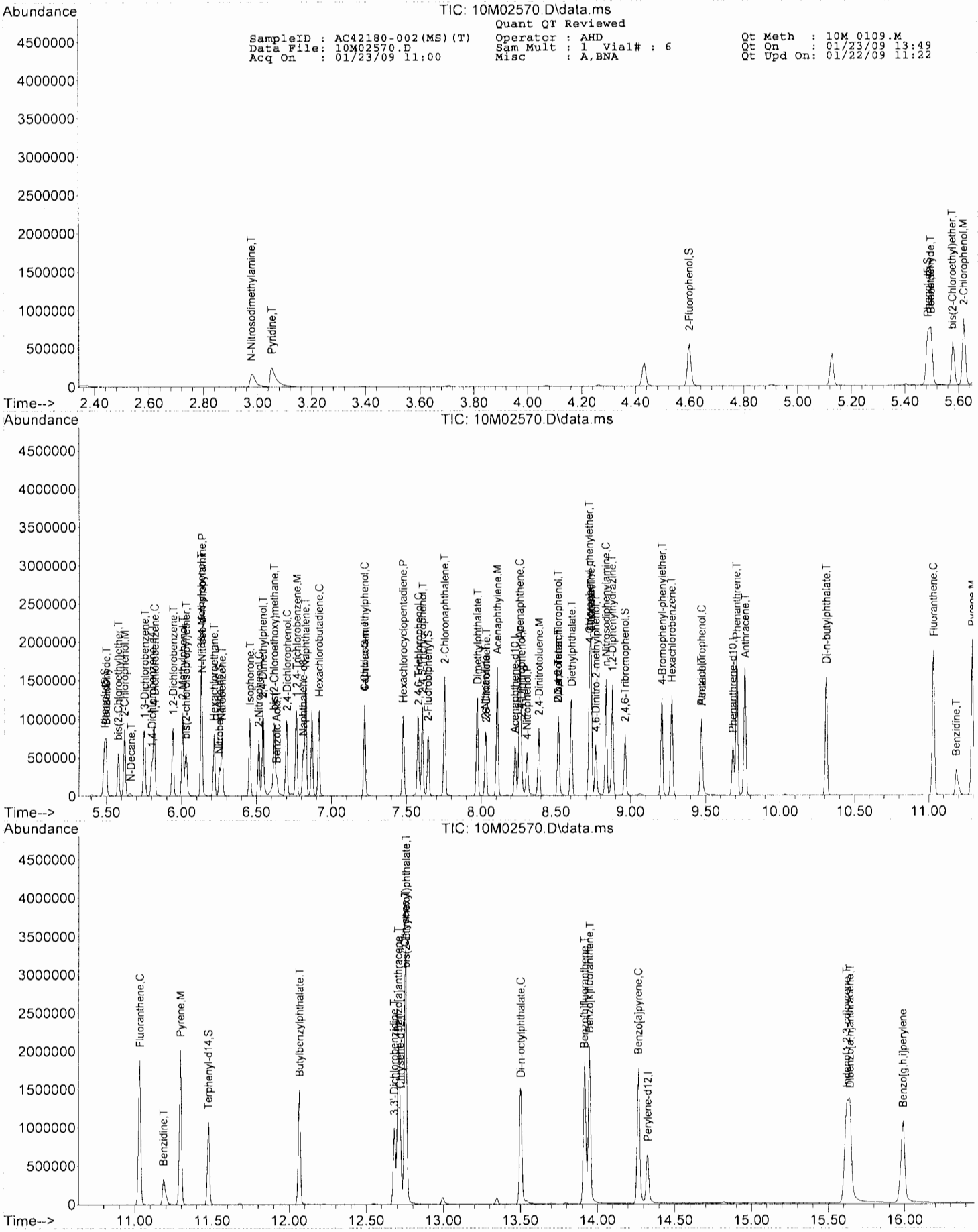
Quantitation Report (QT Reviewed)

SampleID : AC42180-002(MS)(T) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02570.D Sam Mult : 1 Vial# : 6 Qt On : 01/23/09 13:49
Acq On : 01/23/09 11:00 Misc : A,BNA Qt Upd On: 01/22/09 11:22

Data Path : G:\GCMSDATA\2009\GCMS_10\DATA\01-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76)	Phenanthrene	9.707	178	765050	96.17	ng	98
77)	Anthracene	9.766	178	744051	93.40	ng	98
79)	Di-n-butylphthalate	10.312	149	796886	101.89	ng	97
80)	Fluoranthene	11.034	202	868049	101.91	ng	82
82)	Pyrene	11.296	202	877614	89.33	ng	80
83)	Benzidine	11.183	184	152374	68.93	ng	83
88)	Butylbenzylphthalate	12.066	149	358482	93.14	ng	68
92)	3,3'-Dichlorobenzidine	12.681	252	252149	94.37	ng	94
93)	Benzo[a]anthracene	12.708	228	900389	92.24	ng	98
94)	Chrysene	12.751	228	781828	79.34	ng	97
95)	bis(2-Ethylhexyl)phtha...	12.756	149	512157	99.47	ng	89
97)	Di-n-octylphthalate	13.505	149	825662	94.96	ng	99
98)	Benzo[b]fluoranthene	13.917	252	889817	94.49	ng	90
99)	Benzo[k]fluoranthene	13.949	252	954074	96.02	ng	89
100)	Benzo[a]pyrene	14.270	252	880695	98.50	ng	88
101)	Indeno[1,2,3-cd]pyrene	15.623	276	1020643	103.49	ng	76
102)	Dibenzo[a,h]anthracene	15.644	278	865080	104.98	ng	80
103)	Benzo[g,h,i]perylene	15.992	276	840226	98.97	ng	74

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


TIC: 10M02570.D\data.ms
Quant QT Reviewed
SampleID : AC42180-002(MS)(T)
Data File: 10M02570.D
Acq On : 01/23/09 11:00
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/23/09 13:49
Qt Upd On: 01/22/09 11:22
Abundance
Time-->
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
1,2-Dichlorobenzene,T
Hexachloroethane,T
Nitrobenzene,T
Isophorone,C
2-Nitrophenol,T
2,4-Dimethylphenol,T
Benzoic Acid,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
Hexachlorobutadiene,C
Hexachlorocyclopentadiene,P
2,4,6-Trichlorophenol,C
2-Fluorobiphenyl,S
2-Chloronaphthalene,T
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene,C
4-Nitrophenol,T
2,4-Dinitrotoluene,M
Diethylphthalate,T
4,6-Dinitro-2-methylphenol,T
n-Nitrosodiphenylamine,C
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Pentachlorophenol,C
Phenanthrene,T
Anthracene,T
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
3,3'-Dichlorobenzidine,T
Benzo[a]anthracene,T
Chrysene-d12,I
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,T
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene

Quantitation Report (QT Reviewed)

SampleID : AC42180-002(MSD)(T) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02571.D Sam Mult : 1 Vial# : 7 Qt On : 01/23/09 13:49
Acq On : 01/23/09 11:22 Misc : A,BNA Qt Upd On: 01/22/09 11:22

Data Path : G:\GCMSDATA\2009\GCMS_10\DATA\01-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.803	152	60465	40.00	ng	-0.06
23) Naphthalene-d8	6.808	136	222201	40.00	ng	-0.06
41) Acenaphthene-d10	8.226	164	138095	40.00	ng	-0.07
67) Phenanthrene-d10	9.681	188	236475	40.00	ng	-0.07
81) Chrysene-d12	12.719	240	263135	40.00	ng	-0.07
96) Perylene-d12	14.329	264	282572	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	4.599	112	122066	70.36	ng	-0.06
Spiked Amount 100.000			Recovery = 70.36%			
9) Phenol-d5	5.487	99	169644	70.99	ng	-0.05
Spiked Amount 100.000			Recovery = 70.99%			
24) Nitrobenzene-d5	6.252	128	41486	43.38	ng	-0.05
Spiked Amount 50.000			Recovery = 86.76%			
46) 2-Fluorobiphenyl	7.643	172	209176	41.07	ng	-0.06
Spiked Amount 50.000			Recovery = 82.14%			
70) 2,4,6-Tribromophenol	8.964	330	102226	102.65	ng	-0.06
Spiked Amount 100.000			Recovery = 102.65%			
84) Terphenyl-d14	11.478	244	385207	50.78	ng	-0.07
Spiked Amount 50.000			Recovery = 101.56%			
Target Compounds						Qvalue
2) Pyridine	3.054	79	124405	68.07	ng	70
3) N-Nitrosodimethylamine	2.984	74	80652	82.53	ng	82
5) Benzaldehyde	5.498	77	2229	1.53	ng	11
8) bis(2-Chloroethyl)ether	5.578	93	140507	77.25	ng	77
10) Phenol	5.498	94	180548	71.56	ng	91
11) 2-Chlorophenol	5.621	128	173823	82.22	ng	78
13) 1,3-Dichlorobenzene	5.749	146	174361	73.67	ng	99
14) 1,4-Dichlorobenzene	5.814	146	186379	73.94	ng	96
15) 1,2-Dichlorobenzene	5.942	146	175965	77.27	ng	97
17) bis(2-chloroisopropyl)...	6.027	45	161367	82.77	ng	63
18) 2-Methylphenol	6.006	108	157709	83.09	ng	99
20) Hexachloroethane	6.215	117	65078	74.09	ng	65
21) N-Nitroso-di-n-propyla...	6.134	70	132171	84.21	ng	70
22) 3&4-Methylphenol	6.129	108	174424	82.37	ng	87
25) Nitrobenzene	6.268	77	190999	89.28	ng	82
26) Isophorone	6.455	82	313378	83.77	ng	81
27) 2-Nitrophenol	6.514	139	107234	89.17	ng	92
28) 2,4-Dimethylphenol	6.541	107	181020	85.56	ng	95
29) Benzoic Acid	6.632	105	129046	102.17	ng	91
30) bis(2-Chloroethoxy)met...	6.616	93	198906	90.92	ng	97
31) 2,4-Dichlorophenol	6.696	162	169210	94.22	ng	88
32) 1,2,4-Trichlorobenzene	6.766	180	177524	82.46	ng	97
33) Naphthalene	6.824	128	531369	83.10	ng	98
35) Hexachlorobutadiene	6.915	225	106256	81.57	ng	97
36) Caprolactam	7.220	113	5315	8.47	ng	9
37) 4-Chloro-3-methylphenol	7.220	107	176807	94.96	ng	79
43) Hexachlorocyclopentadiene	7.477	237	131855	82.55	ng	98
44) 2,4,6-Trichlorophenol	7.573	196	135861	93.30	ng	99
45) 2,4,5-Trichlorophenol	7.605	196	149479	94.59	ng	99
47) 2-Chloronaphthalene	7.755	162	385992	88.26	ng	91
51) 2-Nitroaniline	8.028	65	6972	4.68	ng	48
52) Acenaphthylene	8.108	152	626132	89.80	ng	99
53) Dimethylphthalate	7.974	163	465745	93.82	ng	97
54) 2,6-Dinitrotoluene	8.033	165	107910	91.23	ng	53
55) Acenaphthene	8.258	153	401573	88.43	ng	96
57) 2,4-Dinitrophenol	8.269	184	76827	93.29	ng	85
58) Dibenzofuran	8.515	168	33362	5.26	ng	30
59) 2,4-Dinitrotoluene	8.386	165	147316	97.56	ng	63
60) 4-Nitrophenol	8.306	65	82686	86.72	ng	85
61) 2,3,4,6-Tetrachlorophenol	8.515	232	142409	93.01	ng	80
62) Fluorene	8.734	166	468369	87.63	ng	100
63) 4-Chlorophenyl-phenyle...	8.723	204	249427	90.04	ng	80
64) Diethylphthalate	8.606	149	451956	94.02	ng	94
65) 4-Nitroaniline	8.734	138	6868	5.70	ng	14
66) Atrazine	9.472	200	18391	12.25	ng	35
68) 4,6-Dinitro-2-methylph...	8.766	198	100871	100.80	ng	100
69) n-Nitrosodiphenylamine	8.836	169	364629	81.70	ng	99
71) 1,2-Diphenylhydrazine	8.878	77	447773	98.81	ng	79
72) 4-Bromophenyl-phenylether	9.210	248	179305	99.82	ng	74
73) Hexachlorobenzene	9.274	284	194078	94.48	ng	53
75) Pentachlorophenol	9.472	266	132990	100.49	ng	98
76) Phenanthrene	9.707	178	755546	98.31	ng	98

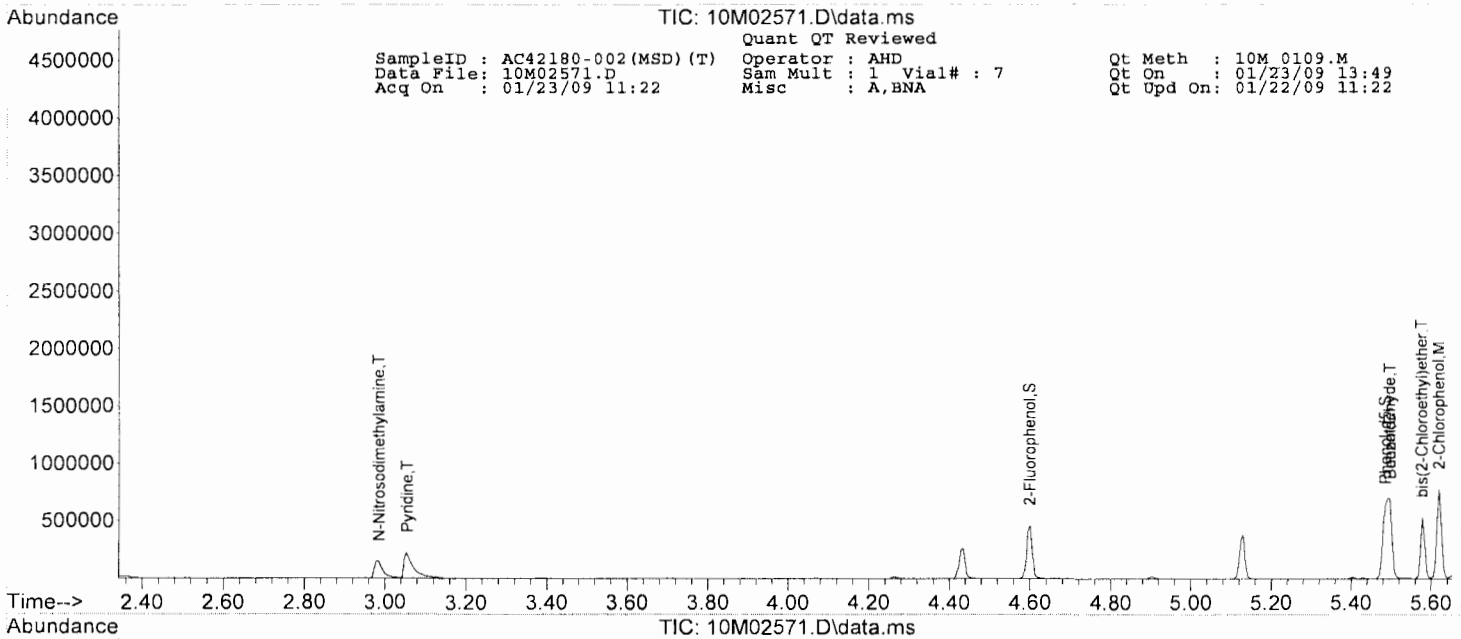
Quantitation Report (QT Reviewed)

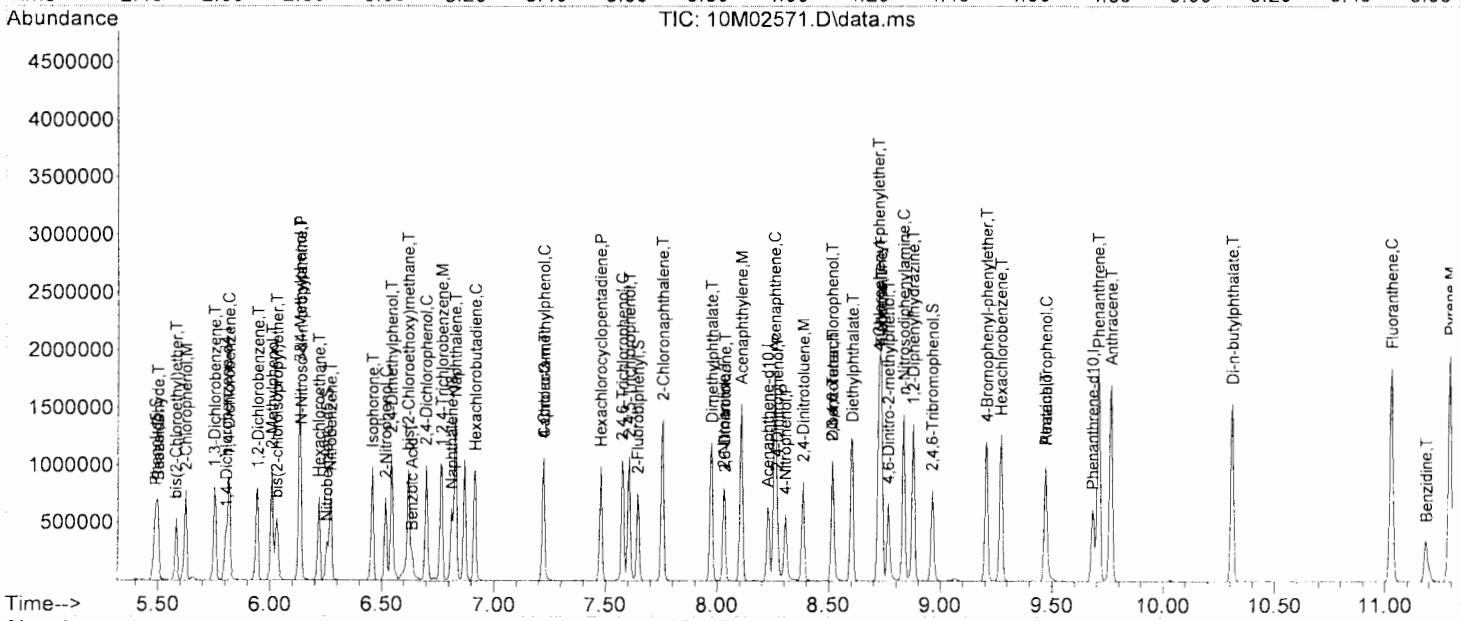
SampleID : AC42180-002(MSD)(T) Operator : AHD Qt Meth : 10M_0109.M
Data File: 10M02571.D Sam Mult : 1 Vial# : 7 Qt On : 01/23/09 13:49
Acq On : 01/23/09 11:22 Misc : A,BNA Qt Upd On: 01/22/09 11:22

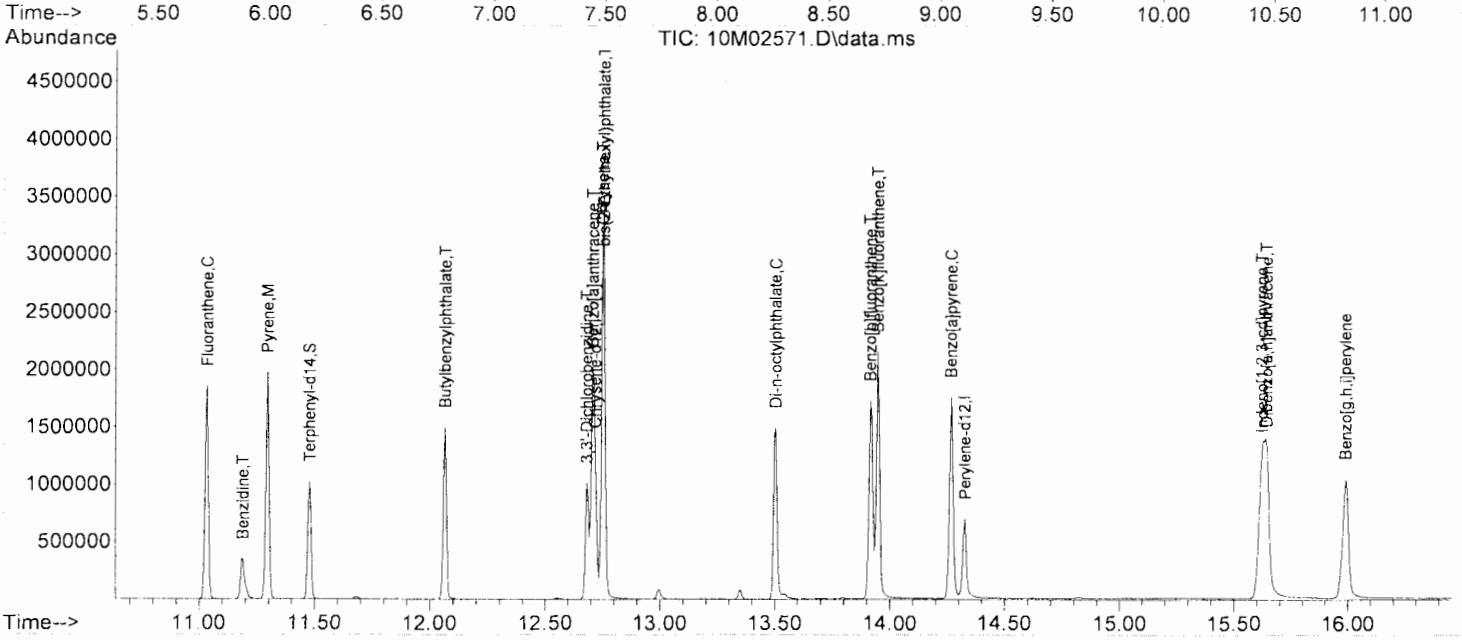
Data Path : G:\GCMSDATA\2009\GCMS_10\DATA\01-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77)	Anthracene	9.766	178	740989	96.28	ng	98
79)	Di-n-butylphthalate	10.312	149	790166	104.58	ng	97
80)	Fluoranthene	11.034	202	856711	104.10	ng	81
82)	Pyrene	11.296	202	863272	93.25	ng	81
83)	Benzidine	11.189	184	165054	83.98	ng	80
88)	Butylbenzylphthalate	12.066	149	350341	96.54	ng	70
92)	3,3'-Dichlorobenzidine	12.681	252	264282	107.42	ng	94
93)	Benzo[a]anthracene	12.708	228	878817	95.54	ng	98
94)	Chrysene	12.751	228	763556	82.23	ng	96
95)	bis(2-Ethylhexyl)phtha...	12.756	149	497281	102.49	ng	89
97)	Di-n-octylphthalate	13.505	149	812565	96.85	ng	99
98)	Benzo[b]fluoranthene	13.917	252	859780	94.71	ng	90
99)	Benzo[k]fluoranthene	13.949	252	944354	98.59	ng	89
100)	Benzo[a]pyrene	14.270	252	863459	100.18	ng	87
101)	Indeno[1,2,3-cd]pyrene	15.623	276	990836	104.22	ng	66
102)	Dibenzo[a,h]anthracene	15.644	278	846795	106.60	ng	80
103)	Benzo[g,h,i]perylene	15.992	276	820222	100.22	ng	73

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


Abundance
TIC: 10M02571.D\data.ms
Quant QT Reviewed
SampleID : AC42180-002(MSD)(T)
Data File: 10M02571.D
Acq On : 01/23/09 11:22
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 10M_0109.M
Qt On : 01/23/09 13:49
Qt Upd On: 01/22/09 11:22
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
Time-->


Abundance
TIC: 10M02571.D\data.ms
Hexachlorocyclopentadiene,P
2-Chloronaphthalene,T
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
2,4-Dinitrotoluene,M
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Pentachlorophenol,C
Phenanthrene,T
Anthracene,T
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Time-->


Abundance
TIC: 10M02571.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

GC/MS Semi-Volatile Data
Logbook Data

Extraction of Semi-volatile - Aqueous
Method 3510 C

Method Blank No. WMB- 4029 Date: 01/22/09
Blank Spike (MBS): 4027 ; 4029 Matrix Spike: 42236-002 ; 42180-002

Sample Number	Number in Batch	Initial Volume	Final Volume	Fraction			Extracted By/ Comments	Ext. by	TCLP QC	Extract Fluid
				BN	BNA	AE				
MB 4029	x	1000ml	1.0ml		x			KR	42118	EF-1
MBS 4029	x	↓			↓				-004	V-59115
42237-001	11	950ml		x						
42237-002	12	970ml		↓						
42239-012	13	930ml			x					
42249-001	14	940ml		x						
42249-002	15	950ml								
42249-003	16	950ml								
42249-004	17	970ml								
42261-002	18	970ml								
42261-003	19	980ml		↓						
42180-001	20	250ml			x				9	1
MS 42180-002	x									
MSD 42180-002	x									
42180-002	1								10	2
42180-004	2								11	3
42199-001	3								12	4
42279-001	4	950ml								
42279-003	5	990ml			↓					
EF-1 V-59115	x	250ml	↓		x			↓		

KR 01/22/09

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	2000	V-3752	BN SPK
↓	↓	V-3889	ACID COMP
		V-5096	PYRIDINE

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	1000/2000	V-4416	BN SURR

Reagent Lots: MeCL2 V-3790 Acetone _____ Hexane _____ Na2SO4 V-3780

Other _____

Relinquished By: KR Date: 01/22/09
Received By: _____ Date: 1/23/09

1-1-10M02298

RUN LOG

Instrument: GCMS_10 Year: 2004
Analyst: AHD

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
10[illegible]2298.	CAL DFTPP		OK,V-53307	AHD						01/09 09:04
1[illegible]2299.	CAL BNA@196PPM	Oc	OK,V-58463	AHD		Aqueous	1	1	625 8270	01/09 09:33
10M02300.	CAL BNA@160PPM	Oc	OK,V-58462	AHD		Aqueous	1	1	625 8270	01/09 09:56
10M02301.	CAL BNA@120PPM	Oc	OK,V-58461	AHD		Aqueous	1	1	625 8270	01/09 10:18
10M02302.	CAL BNA@80PPM	lv	OK,V-58460	AHD		Aqueous	1	1	625 8270	01/09 10:41
10M02303.	CAL BNA@50PPM	lv	OK,V-58459	AHD		Aqueous	1	1	625 8270	01/09 11:04
10M02304.	CAL BNA@20PPM	lv	OK,V-58458	AHD		Aqueous	1	1	625 8270	01/09 11:27
10M02305.	CAL BNA@10PPM	lv	OK,V-58457	AHD		Aqueous	1	1	625 8270	01/09 11:50
10M02306.	CAL BNA@2PPM	lv	OK,V-58465	AHD		Aqueous	1	1	625 8270	01/09 12:13
10M02307.	ICV BNA@50PPM	Ivolvo	OK,V-58579	AHD		Aqueous	1	1	625 8270	01/09 12:36
10M02308.	WMB4019(MS)		OK WMB4019	AHD		Aqueous	1	1	625 8270	01/09 14:10
10M02309.	WMB4019		OK	AHD		Aqueous	1	1	625 8270	01/09 14:32
10M02310.	WMB4018(MS)		OK WMB4018	AHD		Aqueous	1	1	625 8270	01/09 14:55
10M02311.	WMB4018		OK	AHD		Aqueous	1	1	625 8270	01/09 15:18
10M02312.	AC41842-010	Eo	OK	AHD	BNA-625	Aqueous	1	1	625	01/09 15:41
10M02313.	AC42026-002(R)	Sb6	EXTRACTED TWICE,NO SAMPLE LE	AHD	BN15-625	Aqueous	1	1	625	01/09 16:27
10M02314.	WMB4015(MS)		OK WMB4015	AHD		Aqueous	1	1	625 8270	01/09 16:50
10M02315.	WMB4015		OK	AHD		Aqueous	1	1	625 8270	01/09 17:12
10M02316.	AC41930-008(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/09 17:35
10M02317.	AC42070-001		OK	AHD	BNA-625	Aqueous	1	1	625	01/09 17:58
10M02318.	AC42033-001		OK	AHD	BN15-625	Aqueous	1	1	625	01/09 18:21
10M02319.	AC42040-001		OK	AHD	BN15-625	Aqueous	1	1	625	01/09 18:44
10M02320.	AC42040-002		OK	AHD	BN15-625	Aqueous	1	1	625	01/09 19:06
10M02321.	AC42040-003		OK	AHD	BN15-625	Aqueous	1	1	625	01/09 19:29
10M02322.	AC42024-001(R)		OK	AHD	BNA-625	Aqueous	1	1	625	01/09 19:52
10M02323.	AC42024-002(R)		OK	AHD	BNA-625	Aqueous	1	1	625	01/09 20:15
10M02324.	AC42069-001(20X)		OK,BAD MATRIX	AHD	BNA-625	Aqueous	80	20	625	01/09 20:38

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Toln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Toln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Pmb with calmt.csv for Init calibration chek rfs	Sa6.Sb6	Add and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Sa8.Sb8	Add and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Snike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Snike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Snike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Snike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/runtimes mod/check/prep/rund	Mnc	Snike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_10 Year: 2009
Analyst: AHD

1-1-10M02565

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
10M02565.	CAL DFTPP		OK,V-53307	AHD						01/23 08:49
10M02566.	CAL BNA@50PPM		OK,V-58459	AHD		Aqueous	1	1	625 8270	01/23 09:23
10M02567.	WMB4029		OK	AHD		Aqueous	1	1	625 8270	01/23 09:54
10M02568.	WMB4029(MS)		OK WMB4029	AHD		Aqueous	1	1	625 8270	01/23 10:16
10M02569.	AC42180-002(T)	Esm	OK WMB4029	AHD	BNATCLP-82	Aqueous	1	1	8270	01/23 10:38
10M02570.	AC42180-002(MS)(T)	Esm	OK WMB4029	AHD	BNATCLP-82	Aqueous	1	1	625 8270	01/23 11:00
10M02571.	AC42180-002(MSD)(T	Esm	OK WMB4029	AHD	BNATCLP-82	Aqueous	1	1	625 8270	01/23 11:22
10M02572.	AC42180-001(T)	Esm	OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/23 11:45
10M02573.	AC42180-004(T)	Esm	OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/23 12:07
10M02574.	AC42199-001(T)	Esm	OK	AHD	BNATCLP-82	Aqueous	1	1	8270	01/23 12:29
10M02575.	EF-1 V-59115		OK	AHD		Aqueous	1	1	8270	01/23 12:52
10M02576.	AC42239-012		OK	AHD	BNA25-8270	Aqueous	1	1	8270	01/23 13:14
10M02577.	AC42237-001		OK	AHD	BN15-625	Aqueous	1	1	625	01/23 13:36
10M02578.	AC42237-002		OK	AHD	BN15-625	Aqueous	1	1	625	01/23 13:59
10M02579.	AC42249-001		OK	AHD	BN15-625	Aqueous	1	1	625	01/23 14:21
10M02580.	AC42249-002		OK	AHD	BN15-625	Aqueous	1	1	625	01/23 14:43
10M02581.	AC42249-003		OK	AHD	BN15-625	Aqueous	1	1	625	01/23 15:06
10M02582.	AC42249-004		OK	AHD	BN15-625	Aqueous	1	1	625	01/23 15:28
10M02583.	AC42261-002		OK	AHD	BN15-625	Aqueous	1	1	625	01/23 15:50
10M02584.	AC42261-003		OK	AHD	BN15-625	Aqueous	1	1	625	01/23 16:13
10M02585.	AC42279-001		OK	AHD	BNA-625	Aqueous	1	1	625	01/23 16:35
10M02586.	AC42279-003		OK	AHD	BNA-625	Aqueous	1	1	625	01/23 17:33

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C1	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C1	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Pmb with calmt.csv for Init calibration chek rfs	Ss6.Sb6	Acid and or BN Surrogate Out (600 series)
Cma	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Ss8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates matchcheckmpmunds	Mnc	Spike Not Checked for this method	Tm	Too Many Samples for beginnin Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-41906

Prepared By: Hamid, Akmal
Description: DFTPP STOCK STD.
Prep Date: 4/1/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3202	methylene chloride	5 ml	neat neat	
3203	DFTPP	.01 g	neat	2000 ppm

Veritech Lot Number: V-42748

Prepared By: Hamid,Akmal
Description: BNA-5 MIX
Prep Date: 4/16/2008
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2176	PENTACHLOROETHANE	.05 g	NEAT	5000 ppm
2394	n-Octadecane	.05 g	NEAT	5000 ppm
2395	n-Decane	.05 g	NEAT	5000 ppm
2185	BIPHENYL	.05 g	NEAT	5000 ppm
866	1,4-Dimethlnaphthlene	.05 g	neat	5000 ppm
3211	methylene chloride	10 ml	neat neat	5000

Veritech Lot Number: V-44166

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 5/6/2008
Expiration Date: 5/5/2009
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1690	2-Fluorobiphenyl	1 g	Neat neat	1000 ppm
2930	p-Terphenyl-d14	1 g	neat neat	1000 ppm
2586	Phenol-d5	2 g	neat neat	2000 ppm
2874	2-FLUOROPHENOL	1.6 ml	NEAT neat	2000 ppm
2584	Nitrobenzene-d5	800 ul	Neat neat	1000 ppm
2585	2,4,6-Tribromophenol	2 g	Neat neat	2000 ppm
3301	Acetone	1000 ml	neat neat	

Veritech Lot Number: V-47682

Prepared By: Hamid, Akmal
Description: BNA Internal Std.
Prep Date: 7/8/2008
Expiration Date: 7/7/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2613	Chrysene	1 g	neat neat	2000 ppm
2614	Perylene-d12	1 g	neat neat	2000 ppm
2612	Phenanthrene-d10	1 g	neat neat	2000 ppm
3398	methylene chloride	500 ml	neat neat	
2616	Acenaphthene-d10	1 g	neat neat	2000 ppm
2615	1,4-Dichlorobenzene-d4	1 g	neat neat	2000 ppm
2611	Naphthalene-d8	1 g	neat neat	2000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-50966

Prepared By: Hamid,Akmal
Description: Pyridine Spiking Std.
Prep Date: 8/28/2008
Expiration Date: 6/29/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3428	PRYDINE	200 ul	neat neat	2000 ppm
3479	Acetone	100 ml	neat neat	

Veritech Lot Number: V-53065

Prepared By: Hamid,Akmal
Description: BNA-Pest Mix
Prep Date: 10/1/2008
Expiration Date: 10/1/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3639	4.4'-DDT	.01 g	NEAT	1000 ppm
3640	4.4'-DDD	.01 g	NEAT	1000 ppm
3641	4.4'-DDE	.01 g	NEAT	1000 ppm
3642	ENDRIN	.01 g	NEAT	1000 ppm
3643	Endrin aldehyde	.01 g	NEAT	1000 ppm
3644	Endrin ketone	.01	NEAT	1000 ppm
3650	Methylene Chlroide	10 ml	neat neat	

Veritech Lot Number: V-53307

Prepared By: Hamid, Akmal
Description: DFTPP Mix
Prep Date: 10/2/2008
Expiration Date: 1/31/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 4 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-41906	DFTPP STOCK STD.	100 ul	2000 ppm	50 ppm
3603	methylene chloride	2900 ul	neat neat	
3004	DDT/Endrin Mix	800 ul	500 ppm	100 ppm
2987	Tcl Phenols/Benzidines Mix	200 ul	2000 ppm	100 ppm

Veritech Lot Number: V-58452

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3790	methlyene chloride	10 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58453

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1(2nd Source)
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3792	Acetone	10 ml	neat neat	

Veritech Lot Number: V-58454

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.A
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber:
Concentration: 250 ppm
Final Volume: 1.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3648	8270 MegaMix	300 ul	1000 ppm	250 ppm
V-53065	BNA-Pest Mix	300 ul	1000 ppm	50 ppm
3413	Benzoic Acid mix	150 ul	2000 ppm	250 ppm
3020	Benzidine & 3,3'-Dichlorobenzidine Mix	150 ul	2000 ppm	250 ppm
V-42748	BNA-5 MIX	60 ul	5000 ppm	250 ppm
V-44166	BNA Surrog.Std.	150 ul	1000-2000 pp	125-250 pp
3790	methlyene chloride	90 ul	neat neat	

Veritech Lot Number: V-58455

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 500 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58454	BNA STOCK Std.A	400 ul	250 ppm	200 ppm
V-58452	8270 EXTRA MIX#1	10 ul	10000 ppm	200 ppm
3790	methlyene chloride	90 ul	neat neat	

Veritech Lot Number: V-58457

Prepared By: Hamid, Akmal
Description: BNA 10 ppm curve
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber: B-5008
Concentration: 10 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	93 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58458

Prepared By: Hamid, Akmal
Description: BNA 20 ppm curve
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber: B-5008
Concentration: 20 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	10 ul	200 ppm	25 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	88 ul	neat neat	

Veritech Lot Number: V-58459

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber: B-5008
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-47682	BNA Internal Std.	4 ul	2000 ppm	40 ppm
3790	methlyene chloride	146 ul	neat neat	
V-58455	BNA STOCK Std.	50 ul	200 ppm	50 ppm

Veritech Lot Number: V-58460

Prepared By: Hamid, Akmal
Description: BNA 80 ppm curve
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber: B-5008
Concentration: 80 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	58 ul	neat neat	

Veritech Lot Number: V-58461

Prepared By: Hamid, Akmal
Description: BNA 120 ppm curve
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber: B-5008
Concentration: 120 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	38 ul	neat neat	

Veritech Lot Number: V-58462

Prepared By: Hamid, Akmal
Description: BNA 160 ppm curve
Prep Date: 1/7/2009
Expiration Date: 3/26/2009
Department: Organics
BatchNumber: B-5008
Concentration: 160 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	18 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58463

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 196 ppm curve	BatchNumber:	B-5008
Prep Date:	1/7/2009	Concentration:	196 ppm
Expiration Date:	3/26/2009	Final Volume:	100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	98 ul	200 ppm	196 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	0	neat neat	

Veritech Lot Number: V-58464

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 50 ppm curve	BatchNumber:	B-5008
Prep Date:	1/7/2009	Concentration:	50 ppm
Expiration Date:	3/26/2009	Final Volume:	200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58455	BNA STOCK Std.	50 ul	200 ppm	50 ppm
3790	methlyene chloride	150 ul	neat neat	

Veritech Lot Number: V-58465

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 2 ppm curve	BatchNumber:	B-5008
Prep Date:	1/7/2009	Concentration:	2 ppm
Expiration Date:	3/26/2009	Final Volume:	100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58464	BNA 50 ppm curve	4 ul	50 ppm	1 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3790	methlyene chloride	94 ul	neat neat	

Veritech Lot Number: V-58572

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	8270 EXTRA MIX#2	BatchNumber:	
Prep Date:	1/7/2009	Concentration:	10000 ppm
Expiration Date:	1/7/2010	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2185	BIPHENYL	.1 g	NEAT	10000 ppm
2176	PENTACHLOROETHANE	.1 g	NEAT	10000 ppm
1886	CARBAZOLE	.1 g	NEAT	10000 ppm
2394	n-Octadecane	.1 g	NEAT	10000 ppm
2395	n-Decane	.1 g	NEAT	10000 ppm
866	1,4-Dimethlnaphthlene	.1 g	neat	10000 ppm
3792	Acetone	10 ml	neat neat	
3803	PYRIDINE	.1 g	NEAT neat	10000 ppm

Veritech Lot Number: V-58577

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	CLP MIX	BatchNumber:	
Prep Date:	1/7/2009	Concentration:	1000 ppm
Expiration Date:	7/6/2009	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3790	methlyene chloride	800 ul	neat neat	
V-58453	8270 EXTRA MIX#1(2nd Source)	100 ul	10000 ppm	1000 ppm
V-58572	8270 EXTRA MIX#2	100 ul	10000 ppm	1000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58578

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BN MIX	BatchNumber:	
Prep Date:	1/7/2009	Concentration:	1000 ppm
Expiration Date:	5/22/2009	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3751	TOXIC SUBSTANCES MIX#2	5 ml	2000 ppm	1000 ppm
3752	BASE/NEUTRAL COMP MIX	5 ml	2000 ppm	1000 ppm

Veritech Lot Number: V-58579

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA ICV CAL@50PPM	BatchNumber:	
Prep Date:	1/7/2009	Concentration:	50 ppm
Expiration Date:	5/5/2009	Final Volume:	0.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3790	methlyene chloride	155 ul	neat neat	
V-58577	CLP MIX	10 ul	1000 ppm	50 ppm
V-47682	BNA Internal Std.	4 ul	2000 ppm	40 ppm
V-58578	BN MIX	10 ul	1000 ppm	50 ppm
V-44166	BNA Surrog.Std.	5	1000-2000 pp	50-100 ppm
3753	ACID COMP MIX	5	2000 ppm	50 ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 866

Description
1,4-Dimethlnaphthlene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	D17,030-5	14523CZ	11/18/97	11/25/10	Akmal	1	1ml	neat	

Veritech Control/Receipt Number: 1430

Description
Benzaldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	B1334-2G	08505LB	02/20/04	02/20/11	Hamid, Akmal	1	2G	Neat	Neat

Veritech Control/Receipt Number: 1431

Description
E-Caprolactam

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	C2204-5G	05824JI	02/20/04	02/20/11	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 1690

Description
2-Fluorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	102741-2.5	18309PD	05/02/06	05/07/10	Hamid, Akmal	2	2.5g	Neat	Neat

Veritech Control/Receipt Number: 1809

Description
DIPHENYL ETHER

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	240834-5G	09303PC	06/23/06	06/23/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1810

Description
1,2,4,5-TETRACHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	131857-5G	06024AI	06/27/06	06/27/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1886

Description
CARBAZOLE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2001	364-113C	08/09/06	07/31/11	Revolus, Jean	1	2G	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2176

Description
PENTACHLOROETHANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F937	376-75A	01/22/07	01/31/12	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2184

Description
ATRAZINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2208	348-144A	01/29/07	10/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2185

Description
BIPHENYL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F1062	348-144A	01/29/07	10/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2394

Description
n-Octadecane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2188	381-22A	05/03/07	04/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Control/Receipt Number: 2395

Description
n-Decane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2182	372-50A	05/03/07	11/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2584

Description
Nitrobenzene-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	151955	ST1692	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 2585

Description
2,4,6-Tribromophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	137715	14726KD	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2586

Description
Phenol-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	425370	EW0108	06/24/07	04/03/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2611

Description
Naphthalene-d8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-365	PR-15554/07164NP1	07/10/07	04/16/12	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2612

Description
Phenanthrene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-371	PR-17315	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2613

Description
Chrysene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-261-001	PR-17865/01227CH	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2614

Description
Perylene-d12

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-366	PR-15096/08115PR1	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2616

Description
Acenaphthene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-108	PR-17277	07/10/07	04/16/12	Hamid, Akmal	2	2g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2874

Description
2-FLUOROPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	F12804-10G	01816PE	11/15/07	11/15/20	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 2930

Description
p-Terphenyl-d14

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	T82-84074	EW1627	12/06/07	12/05/12	Hamid, Akmal	5	500m	neat	neat

Veritech Control/Receipt Number: 2987

Description
Tcl Phenols/Benzidines Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47992-U	LB36003	01/10/08	01/31/09	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 3004

Description
DDT/Endrin Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48282	LB52469	01/25/08	10/31/10	Revolus, Jean	1	1ML	500	PPM

Veritech Control/Receipt Number: 3020

Description
Benzidine & 3,3'-Dichlorobenzidine Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	Z-014F	B7030250	01/25/08	03/26/09	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3202

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T. Baker	9264-03	E42404	04/01/08	04/01/10	Lopez, Jose	72	4L	neat	neat

Veritech Control/Receipt Number: 3203

Description
DFTPP

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	442543	LB52744	04/01/08	10/31/10	Hamid, Akmal	1	100m	neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3211

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G01404	04/01/08	04/01/10	Lopez, Jose	48	4L	neat	neat

Veritech Control/Receipt Number: 3301

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	E48E25	04/29/08	04/28/10	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3398

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G01404	06/10/08	06/09/10	Lopez, Jose	120	4L	neat	neat

Veritech Control/Receipt Number: 3413

Description
Benzoic Acid mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31879	A057908	06/16/08	01/31/12	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 3428

Description
PRYDINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P368-500	080819	06/30/08	06/29/09	Miller,Gael E.	1	500ml	neat	neat

Veritech Control/Receipt Number: 3479

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G15E38	07/22/08	07/21/10	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3603

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G30408	09/16/08	09/15/10	Lopez, Jose	88	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3639

Description
4.4'-DDT

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F92	402-104B	09/26/08	06/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3640

Description
4.4'-DDD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F94	407-7A	09/26/08	07/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3641

Description
4.4'-DDE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F93	407-64A	09/26/08	08/31/14	Revolus, Jean	1	100m	NEAT	

Veritech Control/Receipt Number: 3642

Description
ENDRIN

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F98	402-16A	09/26/08	04/30/12	Revolus, Jean	1	250m	NEAT	

Veritech Control/Receipt Number: 3643

Description
Endrin aldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F99	390-94A	09/26/08	10/31/10	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3644

Description
Endrin ketone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2022	390-21B	09/26/08	09/30/11	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3648

Description
8270 MegaMix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31850	A062641	09/30/08	02/28/10	Hamid, Akmal	1	1ml	1000	ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3650

Description
Methylene Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G33403	09/30/08	09/29/10	Lopez, Jose	120	4L	neat	

Veritech Control/Receipt Number: 3751

Description
TOXIC SUBSTANCES MIX#2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	Z-014E-PAK	B7070275	11/20/08	07/25/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3752

Description
BASE/NEUTRAL COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-BN-PAK	B8050140	11/20/08	05/22/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3753

Description
ACID COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	B8060099	11/20/08	06/10/11	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3790

Description
methlyene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926403	G454003	12/23/08	12/22/10	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Control/Receipt Number: 3792

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G44E07	12/23/08	12/22/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3798

Description
ACETOPHENONE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-821	383-95A	01/02/09	06/30/12	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3803

Description
PYRIDINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	P368-500	085002	01/06/09	01/05/12	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3752

Description
BASE/NEUTRAL COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-BN-PAK	B8050140	11/20/08	05/22/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3780

Description
Sodium Sulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Seidler	140104	401203	12/09/08	12/08/10	Lopez, Jose	4	100lb	neat	neat

Veritech Control/Receipt Number: 3790

Description
methlyene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926403	G454003	12/23/08	12/22/10	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Control/Receipt Number: 3829

Description
Acid COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	B8060099	01/08/09	06/10/11	Revolus, Jean	5	1ML	2000	PPM

HC·V
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175 ROUTE 46 WEST, UNIT D · FAIRFIELD, NJ 07004
198 ROUTE 46 EAST, FAIRFIELD, NJ 07004
800-426-9992 · 973-244-9770
FAX: 973-244-9787

WWW.HCVLAB.COM

Project: EJ0810744.001

Client PO: Not Available

Report To: Whitestone Associates
35 Technology Drive
Warren, NJ 07059

Attn: KT

Received Date: 2/20/2009

Report Date: 3/9/2009

Deliverables: NYDOH-CatB

Lab ID: AC42868

Lab Project No: 9022301

This report is a true report of results obtained from our tests of this material. All results meet the requirements of the NELAC standards. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

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

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

ACCREDITED IN ACCORDANCE WITH nelac

HC·V
HAMPTONCLARKE·VERITECH

TABLE OF CONTENTS

HC·V LABORATORY RESULTS	PAGE NOS.
SDG Narrative	1-3
Reporting Limit Definitions	4-5
Data Package Summary Forms	6-92
Chain of Custody Forms	93-99
GC/MS Volatiles Data	100-455
GC/MS Semivolatiles Data	456-771
GC PCB Data	772-975
GC Pesticide Data	976-1135
Inorganic Data	1136-1434
Wet Chemical Data	1435-1464

SDG Narrative

HC·V
HAMPTONCLARKE·VERITECH

SDG Narrative

Client: Whitestone Associates
Project: EJ0810744.001

Hampton-Clarke/Veritech (HC·V) received the following samples on February 20, 2009:

Client ID	HCV Sample ID	Matrix	Analysis
WB-2	AC42868-001	Soil	VO+10 (8260B), BNA+25 (8270C), PCB (8082), Pesticides (8081A), Metals (6010B/7471A), Cyanide (9012B)
WB-3	AC42868-002	Soil	VO+10 (8260B), BNA+25 (8270C), PCB (8082), Pesticides (8081A), Metals (6010B/7471A), Cyanide (9012B)
WB-4	AC42868-003	Soil	VO+10 (8260B), BNA+25 (8270C), PCB (8082), Pesticides (8081A), Metals (6010B/7471A), Cyanide (9012B)
WB-6S	AC42868-004	Soil	VO+10 (8260B), BNA+25 (8270C), PCB (8082), Pesticides (8081A), Metals (6010B/7471A), Cyanide (9012B)
WB-7S	AC42868-005	Soil	VO+10 (8260B), BNA+25 (8270C), PCB (8082), Pesticides (8081A), Metals (6010B/7471A), Cyanide (9012B)
WB-2 GW U	AC42868-006	Aqueous	VO+10 (624), BNA+25 (625), PCB (608), Pesticides (608), Metals (200.7/245.1), Cyanide (335.4)
WB-2 GW F	AC42868-007	Aqueous	Metals (200.7/245.1)
WB-3 GW	AC42868-008	Aqueous	VO+10 (624), BNA+25 (625)
WB-4GW U	AC42868-009	Aqueous	VO+10 (624), BNA+25 (625), PCB (608), Pesticides (608), Metals (200.7/245.1), Cyanide (335.4)
WB-4 GW F	AC42868-010	Aqueous	Metals (200.7/245.1)
DUP-1GW	AC42868-011	Aqueous	HOLD
FB U	AC42868-012	Aqueous	VO+10 (624), BNA+25 (625), PCB (608), Pesticides (608), Metals (200.7/245.1), Cyanide (335.4)
FB F	AC42868-013	Aqueous	Metals (200.7/245.1)
TB	AC42868-014	Aqueous	VO+10 (624)

Volatile Organic Analysis:

2-Chloroethylvinylether did not recover in the Matrix Spike and Matrix Spike Duplicate in batch 11368 due to acid preservation of sample. 2-Chloroethylvinylether readily decomposes under acidic conditions. The recovery of 2-Chloroethylvinylether is within QC limits in the Laboratory Control Sample (MBS).

The recovery of Vinyl Chloride, 1,1-Dichloroethene and Carbon tetrachloride is biased high, outside QC limits in the Matrix Spike and Matrix Spike Duplicate in batch 11410. All QC criteria were met in the Laboratory Control Sample (MBS).

Base Neutral Acid Extractable Analysis:

Data conforms to method requirements.

PCB Analysis:

Data conforms to method requirements.

Pesticide Analysis:

Data conforms to method requirements.

Metals Analysis:

The serial dilution for Beryllium, Cadmium, Chromium, Cobalt and Potassium is outside QC limits in batch 9990, suggesting matrix interference.

The RPD between the QC sample and the Method Replicate for Copper and Zinc is outside QC limits in batch 9990. The RPD criteria were met between the LCS/LCS Method Replicate.

The recovery of Antimony, Arsenic, Mercury and Zinc is outside QC limits in the Matrix Spike and Matrix Spike Duplicate in batch 9990. All QC criteria were met in the LCS and LCS MR.

The recovery of Barium is biased low, outside QC limits in the Matrix Spike Duplicate in batch 9990. All QC criteria were met in the LCS and LCS MR.

The recovery of Calcium and Manganese is biased high, outside QC limits in the Matrix Spike Duplicate in batch 9990. All QC criteria were met in the LCS and LCS MR.

Samples AC42868-007, 010 and 013 were filtered and preserved in the laboratory per clients request.

Wet Chemistry Analysis:

Data conforms to method requirements.

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

Jeri Rossi
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

3/9/09
Date

Reporting Limit Definitions

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REPORTING LIMIT DEFINITIONS

RL = Reporting Limit

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

CRQL= Contract Required Quantitation Limit

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

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

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

CLP Organics and Inorganics reported to CRQL.

Data Package Summary Forms

Veritech Report Of Analysis

Lab#: AC42868-001 **Collection Date: 2/20/2009**
Sample ID: WB-2

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		72
Cyanide (Soil/Waste)				
Cyanide	1	mg/kg	0.35	ND
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.12	ND
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0069	ND
Alpha-BHC	1	mg/kg	0.0014	ND
beta-BHC	1	mg/kg	0.0014	ND
Chlordane	1	mg/kg	0.014	ND
delta-BHC	1	mg/kg	0.0069	ND
Dieldrin	1	mg/kg	0.0014	ND
Endosulfan I	1	mg/kg	0.0069	ND
Endosulfan II	1	mg/kg	0.0069	ND
Endosulfan Sulfate	1	mg/kg	0.0069	ND
Endrin	1	mg/kg	0.0069	ND
Endrin Aldehyde	1	mg/kg	0.0069	ND
Endrin Ketone	1	mg/kg	0.0069	ND
gamma-BHC	1	mg/kg	0.0014	ND
Heptachlor	1	mg/kg	0.0069	ND
Heptachlor Epoxide	1	mg/kg	0.0069	ND
Methoxychlor	1	mg/kg	0.0069	ND
p,p'-DDD	1	mg/kg	0.0035	ND
p,p'-DDE	1	mg/kg	0.0035	ND
p,p'-DDT	1	mg/kg	0.0035	ND
Toxaphene	1	mg/kg	0.035	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.035	ND
Aroclor-1016	1	mg/kg	0.035	ND
Aroclor-1221	1	mg/kg	0.035	ND
Aroclor-1232	1	mg/kg	0.035	ND
Aroclor-1242	1	mg/kg	0.035	ND
Aroclor-1248	1	mg/kg	0.035	ND
Aroclor-1254	1	mg/kg	0.035	ND
Aroclor-1260	1	mg/kg	0.035	ND
Aroclor-1262	1	mg/kg	0.035	ND
Aroclor-1268	1	mg/kg	0.035	ND

Lab#: AC42868-001 **Collection Date: 2/20/2009**
Sample ID: WB-2

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	1	mg/kg	NA	86J
1,2,4-Trichlorobenzene	1	mg/kg	0.093	ND
1,2-Diphenylhydrazine	1	mg/kg	0.093	ND
2,4,5-Trichlorophenol	1	mg/kg	0.093	ND
2,4,6-Trichlorophenol	1	mg/kg	0.093	ND
2,4-Dichlorophenol	1	mg/kg	0.093	ND
2,4-Dimethylphenol	1	mg/kg	0.093	ND
2,4-Dinitrophenol	1	mg/kg	0.46	ND
2,4-Dinitrotoluene	1	mg/kg	0.093	ND
2,6-Dinitrotoluene	1	mg/kg	0.093	ND
2-Chloronaphthalene	1	mg/kg	0.093	ND
2-Chlorophenol	1	mg/kg	0.093	ND
2-Methylnaphthalene	1	mg/kg	0.093	ND
2-Methylphenol	1	mg/kg	0.093	ND
2-Nitroaniline	1	mg/kg	0.093	ND
2-Nitrophenol	1	mg/kg	0.093	ND
3&4-Methylphenol	1	mg/kg	0.093	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.093	ND
3-Nitroaniline	1	mg/kg	0.093	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.46	ND
4-Bromophenyl-phenylether	1	mg/kg	0.093	ND
4-Chloro-3-methylphenol	1	mg/kg	0.093	ND
4-Chloroaniline	1	mg/kg	0.093	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.093	ND
4-Nitroaniline	1	mg/kg	0.093	ND
4-Nitrophenol	1	mg/kg	0.093	ND
Acenaphthene	1	mg/kg	0.093	ND
Acenaphthylene	1	mg/kg	0.093	ND
Aniline	1	mg/kg	0.093	ND
Anthracene	1	mg/kg	0.093	ND
Benzidine	1	mg/kg	0.46	ND
Benzo[a]anthracene	1	mg/kg	0.093	ND
Benzo[a]pyrene	1	mg/kg	0.093	ND
Benzo[b]fluoranthene	1	mg/kg	0.093	ND
Benzo[g,h,i]perylene	1	mg/kg	0.093	ND
Benzo[k]fluoranthene	1	mg/kg	0.093	ND
Benzoic acid	1	mg/kg	0.46	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.093	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.093	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.093	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.093	ND
Butylbenzylphthalate	1	mg/kg	0.093	ND
Carbazole	1	mg/kg	0.093	ND
Chrysene	1	mg/kg	0.093	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.093	ND
Dibenzofuran	1	mg/kg	0.093	ND
Diethylphthalate	1	mg/kg	0.093	ND
Dimethylphthalate	1	mg/kg	0.093	ND
Di-n-butylphthalate	1	mg/kg	0.093	ND
Di-n-octylphthalate	1	mg/kg	0.093	ND
Fluoranthene	1	mg/kg	0.093	ND
Fluorene	1	mg/kg	0.093	ND
Hexachlorobenzene	1	mg/kg	0.093	ND
Hexachlorobutadiene	1	mg/kg	0.093	ND
Hexachlorocyclopentadiene	1	mg/kg	0.093	ND
Hexachloroethane	1	mg/kg	0.093	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.093	ND
Isophorone	1	mg/kg	0.093	ND
Naphthalene	1	mg/kg	0.093	ND
Nitrobenzene	1	mg/kg	0.093	ND
N-Nitrosodimethylamine	1	mg/kg	0.093	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.093	ND
N-Nitrosodiphenylamine	1	mg/kg	0.093	ND
Pentachlorophenol	1	mg/kg	0.46	ND
Phenanthrene	1	mg/kg	0.093	ND
Phenol	1	mg/kg	0.093	ND
Pyrene	1	mg/kg	0.093	ND

Lab#: AC42868-001 **Collection Date: 2/20/2009**
Sample ID: WB-2

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**280**	**13000**
Antimony	100	mg/kg	2.8	ND
Arsenic	**100**	**mg/kg**	**2.8**	**3.4**
Barium	**100**	**mg/kg**	**14**	**110**
Beryllium	100	mg/kg	0.83	ND
Cadmium	100	mg/kg	0.83	ND
Calcium	100	mg/kg	1400	ND
Chromium	**100**	**mg/kg**	**6.9**	**25**
Cobalt	**100**	**mg/kg**	**3.5**	**9.3**
Copper	**100**	**mg/kg**	**6.9**	**15**
Iron	**100**	**mg/kg**	**280**	**19000**
Lead	**100**	**mg/kg**	**6.9**	**8.5**
Magnesium	**100**	**mg/kg**	**690**	**3600**
Manganese	**100**	**mg/kg**	**14**	**300**
Nickel	**100**	**mg/kg**	**6.9**	**16**
Potassium	**100**	**mg/kg**	**690**	**760**
Selenium	100	mg/kg	2.5	ND
Silver	100	mg/kg	2.1	ND
Sodium	100	mg/kg	350	ND
Thallium	100	mg/kg	1.7	ND
Vanadium	**100**	**mg/kg**	**14**	**25**
Zinc	**100**	**mg/kg**	**14**	**44**

Lab#: AC42868-001 **Collection Date: 2/20/2009**
Sample ID: WB-2

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	0.984	mg/kg	NA	ND
1,1,1-Trichloroethane	0.984	mg/kg	0.0068	ND
1,1,2,2-Tetrachloroethane	0.984	mg/kg	0.0068	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.984**	**mg/kg**	**0.0068**	**0.0089**
1,1,2-Trichloroethane	0.984	mg/kg	0.0068	ND
1,1-Dichloroethane	0.984	mg/kg	0.0068	ND
1,1-Dichloroethene	0.984	mg/kg	0.0068	ND
1,2,3-Trichloropropane	0.984	mg/kg	0.0068	ND
1,2,4-Trimethylbenzene	0.984	mg/kg	0.0014	ND
1,2-Dichlorobenzene	0.984	mg/kg	0.0068	ND
1,2-Dichloroethane	0.984	mg/kg	0.0068	ND
1,2-Dichloropropane	0.984	mg/kg	0.0068	ND
1,3,5-Trimethylbenzene	0.984	mg/kg	0.0014	ND
1,3-Dichlorobenzene	0.984	mg/kg	0.0068	ND
1,3-Dichloropropane	0.984	mg/kg	0.0068	ND
1,4-Dichlorobenzene	0.984	mg/kg	0.0068	ND
1,4-Dioxane	0.984	mg/kg	0.34	ND
2-Butanone	**0.984**	**mg/kg**	**0.0068**	**0.039**
2-Chloroethylvinylether	0.984	mg/kg	0.0068	ND
2-Hexanone	0.984	mg/kg	0.0068	ND
4-Isopropyltoluene	0.984	mg/kg	0.0014	ND
4-Methyl-2-pentanone	0.984	mg/kg	0.0068	ND
Acetone	**0.984**	**mg/kg**	**0.034**	**0.19**
Acrolein	0.984	mg/kg	0.034	ND
Acrylonitrile	0.984	mg/kg	0.0068	ND
Benzene	0.984	mg/kg	0.0014	ND
Bromodichloromethane	0.984	mg/kg	0.0068	ND
Bromoform	0.984	mg/kg	0.0068	ND
Bromomethane	0.984	mg/kg	0.0068	ND
Carbon disulfide	0.984	mg/kg	0.0068	ND
Carbon tetrachloride	0.984	mg/kg	0.0068	ND
Chlorobenzene	0.984	mg/kg	0.0068	ND
Chloroethane	0.984	mg/kg	0.0068	ND
Chloroform	0.984	mg/kg	0.0068	ND
Chloromethane	0.984	mg/kg	0.0068	ND
cis-1,2-Dichloroethene	0.984	mg/kg	0.0068	ND
cis-1,3-Dichloropropene	0.984	mg/kg	0.0068	ND
Dibromochloromethane	0.984	mg/kg	0.0068	ND
Dichlorodifluoromethane	0.984	mg/kg	0.0068	ND
Ethylbenzene	0.984	mg/kg	0.0014	ND
Isopropylbenzene	0.984	mg/kg	0.0014	ND
m&p-Xylenes	0.984	mg/kg	0.0027	ND
Methylene chloride	0.984	mg/kg	0.0068	ND
Methyl-t-butyl ether	0.984	mg/kg	0.0014	ND
n-Butylbenzene	0.984	mg/kg	0.0014	ND
n-Propylbenzene	0.984	mg/kg	0.0014	ND
o-Xylene	0.984	mg/kg	0.0014	ND
sec-Butylbenzene	0.984	mg/kg	0.0014	ND
Styrene	0.984	mg/kg	0.0068	ND
t-Butyl Alcohol	0.984	mg/kg	0.034	ND
t-Butylbenzene	0.984	mg/kg	0.0014	ND
Tetrachloroethene	0.984	mg/kg	0.0068	ND
Toluene	0.984	mg/kg	0.0014	ND
trans-1,2-Dichloroethene	0.984	mg/kg	0.0068	ND
trans-1,3-Dichloropropene	0.984	mg/kg	0.0068	ND
Trichloroethene	0.984	mg/kg	0.0068	ND
Trichlorofluoromethane	0.984	mg/kg	0.0068	ND
Vinyl chloride	0.984	mg/kg	0.0068	ND
Xylenes (Total)	0.984	mg/kg	0.0014	ND

Lab#: AC42868-002 **Collection Date: 2/19/2009**
Sample ID: WB-3

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	**1**	**percent**		**79**
Cyanide (Soil/Waste)				
Cyanide	1	mg/kg	0.32	ND
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.11	ND
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0063	ND
Alpha-BHC	1	mg/kg	0.0013	ND
beta-BHC	1	mg/kg	0.0013	ND
Chlordane	1	mg/kg	0.013	ND
delta-BHC	1	mg/kg	0.0063	ND
Dieldrin	1	mg/kg	0.0013	ND
Endosulfan I	1	mg/kg	0.0063	ND
Endosulfan II	1	mg/kg	0.0063	ND
Endosulfan Sulfate	1	mg/kg	0.0063	ND
Endrin	1	mg/kg	0.0063	ND
Endrin Aldehyde	1	mg/kg	0.0063	ND
Endrin Ketone	1	mg/kg	0.0063	ND
gamma-BHC	1	mg/kg	0.0013	ND
Heptachlor	1	mg/kg	0.0063	ND
Heptachlor Epoxide	1	mg/kg	0.0063	ND
Methoxychlor	1	mg/kg	0.0063	ND
p,p'-DDD	1	mg/kg	0.0032	ND
p,p'-DDE	1	mg/kg	0.0032	ND
p,p'-DDT	1	mg/kg	0.0032	ND
Toxaphene	1	mg/kg	0.032	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.032	ND
Aroclor-1016	1	mg/kg	0.032	ND
Aroclor-1221	1	mg/kg	0.032	ND
Aroclor-1232	1	mg/kg	0.032	ND
Aroclor-1242	1	mg/kg	0.032	ND
Aroclor-1248	1	mg/kg	0.032	ND
Aroclor-1254	1	mg/kg	0.032	ND
Aroclor-1260	1	mg/kg	0.032	ND
Aroclor-1262	1	mg/kg	0.032	ND
Aroclor-1268	1	mg/kg	0.032	ND

Lab#: AC42868-002 **Collection Date: 2/19/2009**
Sample ID: WB-3

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**78J**
1,2,4-Trichlorobenzene	1	mg/kg	0.084	ND
1,2-Diphenylhydrazine	1	mg/kg	0.084	ND
2,4,5-Trichlorophenol	1	mg/kg	0.084	ND
2,4,6-Trichlorophenol	1	mg/kg	0.084	ND
2,4-Dichlorophenol	1	mg/kg	0.084	ND
2,4-Dimethylphenol	1	mg/kg	0.084	ND
2,4-Dinitrophenol	1	mg/kg	0.42	ND
2,4-Dinitrotoluene	1	mg/kg	0.084	ND
2,6-Dinitrotoluene	1	mg/kg	0.084	ND
2-Chloronaphthalene	1	mg/kg	0.084	ND
2-Chlorophenol	1	mg/kg	0.084	ND
2-Methylnaphthalene	1	mg/kg	0.084	ND
2-Methylphenol	1	mg/kg	0.084	ND
2-Nitroaniline	1	mg/kg	0.084	ND
2-Nitrophenol	1	mg/kg	0.084	ND
3&4-Methylphenol	1	mg/kg	0.084	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.084	ND
3-Nitroaniline	1	mg/kg	0.084	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.42	ND
4-Bromophenyl-phenylether	1	mg/kg	0.084	ND
4-Chloro-3-methylphenol	1	mg/kg	0.084	ND
4-Chloroaniline	1	mg/kg	0.084	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.084	ND
4-Nitroaniline	1	mg/kg	0.084	ND
4-Nitrophenol	1	mg/kg	0.084	ND
Acenaphthene	1	mg/kg	0.084	ND
Acenaphthylene	1	mg/kg	0.084	ND
Aniline	1	mg/kg	0.084	ND
Anthracene	1	mg/kg	0.084	ND
Benzidine	1	mg/kg	0.42	ND
Benzo[a]anthracene	1	mg/kg	0.084	ND
Benzo[a]pyrene	**1**	**mg/kg**	**0.084**	**0.45**
Benzo[b]fluoranthene	1	mg/kg	0.084	ND
Benzo[g,h,i]perylene	1	mg/kg	0.084	ND
Benzo[k]fluoranthene	1	mg/kg	0.084	ND
Benzoic acid	1	mg/kg	0.42	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.084	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.084	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.084	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.084	ND
Butylbenzylphthalate	1	mg/kg	0.084	ND
Carbazole	1	mg/kg	0.084	ND
Chrysene	1	mg/kg	0.084	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.084	ND
Dibenzofuran	1	mg/kg	0.084	ND
Diethylphthalate	1	mg/kg	0.084	ND
Dimethylphthalate	1	mg/kg	0.084	ND
Di-n-butylphthalate	1	mg/kg	0.084	ND
Di-n-octylphthalate	1	mg/kg	0.084	ND
Fluoranthene	1	mg/kg	0.084	ND
Fluorene	1	mg/kg	0.084	ND
Hexachlorobenzene	1	mg/kg	0.084	ND
Hexachlorobutadiene	1	mg/kg	0.084	ND
Hexachlorocyclopentadiene	1	mg/kg	0.084	ND
Hexachloroethane	1	mg/kg	0.084	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.084	ND
Isophorone	1	mg/kg	0.084	ND
Naphthalene	1	mg/kg	0.084	ND
Nitrobenzene	1	mg/kg	0.084	ND
N-Nitrosodimethylamine	1	mg/kg	0.084	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.084	ND
N-Nitrosodiphenylamine	1	mg/kg	0.084	ND
Pentachlorophenol	1	mg/kg	0.42	ND
Phenanthrene	1	mg/kg	0.084	ND
Phenol	1	mg/kg	0.084	ND
Pyrene	1	mg/kg	0.084	ND

Lab#: AC42868-002 **Collection Date: 2/19/2009**
Sample ID: WB-3

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**250**	**13000**
Antimony	100	mg/kg	2.5	ND
Arsenic	100	mg/kg	2.5	ND
Barium	**100**	**mg/kg**	**13**	**110**
Beryllium	100	mg/kg	0.76	ND
Cadmium	100	mg/kg	0.76	ND
Calcium	**100**	**mg/kg**	**1300**	**1300**
Chromium	**100**	**mg/kg**	**6.3**	**36**
Cobalt	**100**	**mg/kg**	**3.2**	**9.4**
Copper	**100**	**mg/kg**	**6.3**	**13**
Iron	**100**	**mg/kg**	**250**	**15000**
Lead	100	mg/kg	6.3	ND
Magnesium	**100**	**mg/kg**	**630**	**3600**
Manganese	**100**	**mg/kg**	**13**	**120**
Nickel	**100**	**mg/kg**	**6.3**	**22**
Potassium	**100**	**mg/kg**	**630**	**710**
Selenium	100	mg/kg	2.3	ND
Silver	100	mg/kg	1.9	ND
Sodium	100	mg/kg	320	ND
Thallium	100	mg/kg	1.5	ND
Vanadium	**100**	**mg/kg**	**13**	**30**
Zinc	**100**	**mg/kg**	**13**	**39**

Lab#: AC42868-002 **Collection Date: 2/19/2009**
Sample ID: WB-3

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	0.98	mg/kg	NA	ND
1,1,1-Trichloroethane	0.98	mg/kg	0.0062	ND
1,1,2,2-Tetrachloroethane	0.98	mg/kg	0.0062	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.98**	**mg/kg**	**0.0062**	**0.019**
1,1,2-Trichloroethane	0.98	mg/kg	0.0062	ND
1,1-Dichloroethane	0.98	mg/kg	0.0062	ND
1,1-Dichloroethene	0.98	mg/kg	0.0062	ND
1,2,3-Trichloropropane	0.98	mg/kg	0.0062	ND
1,2,4-Trimethylbenzene	0.98	mg/kg	0.0012	ND
1,2-Dichlorobenzene	0.98	mg/kg	0.0062	ND
1,2-Dichloroethane	0.98	mg/kg	0.0062	ND
1,2-Dichloropropane	0.98	mg/kg	0.0062	ND
1,3,5-Trimethylbenzene	0.98	mg/kg	0.0012	ND
1,3-Dichlorobenzene	0.98	mg/kg	0.0062	ND
1,3-Dichloropropane	0.98	mg/kg	0.0062	ND
1,4-Dichlorobenzene	0.98	mg/kg	0.0062	ND
1,4-Dioxane	0.98	mg/kg	0.31	ND
2-Butanone	0.98	mg/kg	0.0062	ND
2-Chloroethylvinylether	0.98	mg/kg	0.0062	ND
2-Hexanone	0.98	mg/kg	0.0062	ND
4-Isopropyltoluene	0.98	mg/kg	0.0012	ND
4-Methyl-2-pentanone	0.98	mg/kg	0.0062	ND
Acetone	0.98	mg/kg	0.031	ND
Acrolein	0.98	mg/kg	0.031	ND
Acrylonitrile	0.98	mg/kg	0.0062	ND
Benzene	0.98	mg/kg	0.0012	ND
Bromodichloromethane	0.98	mg/kg	0.0062	ND
Bromoform	0.98	mg/kg	0.0062	ND
Bromomethane	0.98	mg/kg	0.0062	ND
Carbon disulfide	0.98	mg/kg	0.0062	ND
Carbon tetrachloride	0.98	mg/kg	0.0062	ND
Chlorobenzene	0.98	mg/kg	0.0062	ND
Chloroethane	0.98	mg/kg	0.0062	ND
Chloroform	0.98	mg/kg	0.0062	ND
Chloromethane	0.98	mg/kg	0.0062	ND
cis-1,2-Dichloroethene	0.98	mg/kg	0.0062	ND
cis-1,3-Dichloropropene	0.98	mg/kg	0.0062	ND
Dibromochloromethane	0.98	mg/kg	0.0062	ND
Dichlorodifluoromethane	0.98	mg/kg	0.0062	ND
Ethylbenzene	0.98	mg/kg	0.0012	ND
Isopropylbenzene	0.98	mg/kg	0.0012	ND
m&p-Xylenes	0.98	mg/kg	0.0025	ND
Methylene chloride	**0.98**	**mg/kg**	**0.0062**	**0.0075**
Methyl-t-butyl ether	0.98	mg/kg	0.0012	ND
n-Butylbenzene	0.98	mg/kg	0.0012	ND
n-Propylbenzene	0.98	mg/kg	0.0012	ND
o-Xylene	0.98	mg/kg	0.0012	ND
sec-Butylbenzene	0.98	mg/kg	0.0012	ND
Styrene	0.98	mg/kg	0.0062	ND
t-Butyl Alcohol	0.98	mg/kg	0.031	ND
t-Butylbenzene	0.98	mg/kg	0.0012	ND
Tetrachloroethene	0.98	mg/kg	0.0062	ND
Toluene	0.98	mg/kg	0.0012	ND
trans-1,2-Dichloroethene	0.98	mg/kg	0.0062	ND
trans-1,3-Dichloropropene	0.98	mg/kg	0.0062	ND
Trichloroethene	0.98	mg/kg	0.0062	ND
Trichlorofluoromethane	0.98	mg/kg	0.0062	ND
Vinyl chloride	0.98	mg/kg	0.0062	ND
Xylenes (Total)	0.98	mg/kg	0.0012	ND

Lab#: AC42868-003 **Collection Date: 2/19/2009**
Sample ID: WB-4

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	**1**	**percent**		**79**
Cyanide (Soil/Waste)				
Cyanide	1	mg/kg	0.32	ND
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.11	ND
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0063	ND
Alpha-BHC	1	mg/kg	0.0013	ND
beta-BHC	1	mg/kg	0.0013	ND
Chlordane	1	mg/kg	0.013	ND
delta-BHC	1	mg/kg	0.0063	ND
Dieldrin	1	mg/kg	0.0013	ND
Endosulfan I	1	mg/kg	0.0063	ND
Endosulfan II	1	mg/kg	0.0063	ND
Endosulfan Sulfate	1	mg/kg	0.0063	ND
Endrin	1	mg/kg	0.0063	ND
Endrin Aldehyde	1	mg/kg	0.0063	ND
Endrin Ketone	1	mg/kg	0.0063	ND
gamma-BHC	1	mg/kg	0.0013	ND
Heptachlor	1	mg/kg	0.0063	ND
Heptachlor Epoxide	1	mg/kg	0.0063	ND
Methoxychlor	1	mg/kg	0.0063	ND
p,p'-DDD	1	mg/kg	0.0032	ND
p,p'-DDE	1	mg/kg	0.0032	ND
p,p'-DDT	1	mg/kg	0.0032	ND
Toxaphene	1	mg/kg	0.032	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.032	ND
Aroclor-1016	1	mg/kg	0.032	ND
Aroclor-1221	1	mg/kg	0.032	ND
Aroclor-1232	1	mg/kg	0.032	ND
Aroclor-1242	1	mg/kg	0.032	ND
Aroclor-1248	1	mg/kg	0.032	ND
Aroclor-1254	1	mg/kg	0.032	ND
Aroclor-1260	1	mg/kg	0.032	ND
Aroclor-1262	1	mg/kg	0.032	ND
Aroclor-1268	1	mg/kg	0.032	ND

Lab#: AC42868-003 **Collection Date: 2/19/2009**
Sample ID: WB-4

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**78J**
1,2,4-Trichlorobenzene	1	mg/kg	0.084	ND
1,2-Diphenylhydrazine	1	mg/kg	0.084	ND
2,4,5-Trichlorophenol	1	mg/kg	0.084	ND
2,4,6-Trichlorophenol	1	mg/kg	0.084	ND
2,4-Dichlorophenol	1	mg/kg	0.084	ND
2,4-Dimethylphenol	1	mg/kg	0.084	ND
2,4-Dinitrophenol	1	mg/kg	0.42	ND
2,4-Dinitrotoluene	1	mg/kg	0.084	ND
2,6-Dinitrotoluene	1	mg/kg	0.084	ND
2-Chloronaphthalene	1	mg/kg	0.084	ND
2-Chlorophenol	1	mg/kg	0.084	ND
2-Methylnaphthalene	1	mg/kg	0.084	ND
2-Methylphenol	1	mg/kg	0.084	ND
2-Nitroaniline	1	mg/kg	0.084	ND
2-Nitrophenol	1	mg/kg	0.084	ND
3&4-Methylphenol	1	mg/kg	0.084	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.084	ND
3-Nitroaniline	1	mg/kg	0.084	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.42	ND
4-Bromophenyl-phenylether	1	mg/kg	0.084	ND
4-Chloro-3-methylphenol	1	mg/kg	0.084	ND
4-Chloroaniline	1	mg/kg	0.084	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.084	ND
4-Nitroaniline	1	mg/kg	0.084	ND
4-Nitrophenol	1	mg/kg	0.084	ND
Acenaphthene	1	mg/kg	0.084	ND
Acenaphthylene	1	mg/kg	0.084	ND
Aniline	1	mg/kg	0.084	ND
Anthracene	1	mg/kg	0.084	ND
Benzidine	1	mg/kg	0.42	ND
Benzo[a]anthracene	1	mg/kg	0.084	ND
Benzo[a]pyrene	**1**	**mg/kg**	**0.084**	**2.0**
Benzo[b]fluoranthene	1	mg/kg	0.084	ND
Benzo[g,h,i]perylene	1	mg/kg	0.084	ND
Benzo[k]fluoranthene	1	mg/kg	0.084	ND
Benzoic acid	1	mg/kg	0.42	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.084	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.084	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.084	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.084	ND
Butylbenzylphthalate	1	mg/kg	0.084	ND
Carbazole	1	mg/kg	0.084	ND
Chrysene	1	mg/kg	0.084	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.084	ND
Dibenzofuran	1	mg/kg	0.084	ND
Diethylphthalate	1	mg/kg	0.084	ND
Dimethylphthalate	1	mg/kg	0.084	ND
Di-n-butylphthalate	1	mg/kg	0.084	ND
Di-n-octylphthalate	1	mg/kg	0.084	ND
Fluoranthene	1	mg/kg	0.084	ND
Fluorene	1	mg/kg	0.084	ND
Hexachlorobenzene	1	mg/kg	0.084	ND
Hexachlorobutadiene	1	mg/kg	0.084	ND
Hexachlorocyclopentadiene	1	mg/kg	0.084	ND
Hexachloroethane	1	mg/kg	0.084	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.084	ND
Isophorone	1	mg/kg	0.084	ND
Naphthalene	1	mg/kg	0.084	ND
Nitrobenzene	1	mg/kg	0.084	ND
N-Nitrosodimethylamine	1	mg/kg	0.084	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.084	ND
N-Nitrosodiphenylamine	1	mg/kg	0.084	ND
Pentachlorophenol	1	mg/kg	0.42	ND
Phenanthrene	1	mg/kg	0.084	ND
Phenol	1	mg/kg	0.084	ND
Pyrene	1	mg/kg	0.084	ND

Lab#: AC42868-003 **Collection Date: 2/19/2009**
Sample ID: WB-4

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**250**	**6800**
Antimony	100	mg/kg	2.5	ND
Arsenic	100	mg/kg	2.5	ND
Barium	**100**	**mg/kg**	**13**	**41**
Beryllium	100	mg/kg	0.76	ND
Cadmium	100	mg/kg	0.76	ND
Calcium	100	mg/kg	1300	ND
Chromium	**100**	**mg/kg**	**6.3**	**19**
Cobalt	**100**	**mg/kg**	**3.2**	**5.8**
Copper	**100**	**mg/kg**	**6.3**	**7.3**
Iron	**100**	**mg/kg**	**250**	**8800**
Lead	100	mg/kg	6.3	ND
Magnesium	**100**	**mg/kg**	**630**	**2700**
Manganese	**100**	**mg/kg**	**13**	**110**
Nickel	**100**	**mg/kg**	**6.3**	**11**
Potassium	**100**	**mg/kg**	**630**	**650**
Selenium	100	mg/kg	2.3	ND
Silver	100	mg/kg	1.9	ND
Sodium	100	mg/kg	320	ND
Thallium	100	mg/kg	1.5	ND
Vanadium	**100**	**mg/kg**	**13**	**18**
Zinc	**100**	**mg/kg**	**13**	**29**

Lab#: AC42868-003 **Collection Date: 2/19/2009**
Sample ID: WB-4

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	1	mg/kg	NA	ND
1,1,1-Trichloroethane	1	mg/kg	0.0063	ND
1,1,2,2-Tetrachloroethane	1	mg/kg	0.0063	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	mg/kg	0.0063	ND
1,1,2-Trichloroethane	1	mg/kg	0.0063	ND
1,1-Dichloroethane	1	mg/kg	0.0063	ND
1,1-Dichloroethene	1	mg/kg	0.0063	ND
1,2,3-Trichloropropane	1	mg/kg	0.0063	ND
1,2,4-Trimethylbenzene	**1**	**mg/kg**	**0.0013**	**0.0016**
1,2-Dichlorobenzene	1	mg/kg	0.0063	ND
1,2-Dichloroethane	1	mg/kg	0.0063	ND
1,2-Dichloropropane	1	mg/kg	0.0063	ND
1,3,5-Trimethylbenzene	1	mg/kg	0.0013	ND
1,3-Dichlorobenzene	1	mg/kg	0.0063	ND
1,3-Dichloropropane	1	mg/kg	0.0063	ND
1,4-Dichlorobenzene	1	mg/kg	0.0063	ND
1,4-Dioxane	1	mg/kg	0.32	ND
2-Butanone	1	mg/kg	0.0063	ND
2-Chloroethylvinylether	1	mg/kg	0.0063	ND
2-Hexanone	1	mg/kg	0.0063	ND
4-Isopropyltoluene	1	mg/kg	0.0013	ND
4-Methyl-2-pentanone	1	mg/kg	0.0063	ND
Acetone	1	mg/kg	0.032	ND
Acrolein	1	mg/kg	0.032	ND
Acrylonitrile	1	mg/kg	0.0063	ND
Benzene	1	mg/kg	0.0013	ND
Bromodichloromethane	1	mg/kg	0.0063	ND
Bromoform	1	mg/kg	0.0063	ND
Bromomethane	1	mg/kg	0.0063	ND
Carbon disulfide	1	mg/kg	0.0063	ND
Carbon tetrachloride	1	mg/kg	0.0063	ND
Chlorobenzene	1	mg/kg	0.0063	ND
Chloroethane	1	mg/kg	0.0063	ND
Chloroform	1	mg/kg	0.0063	ND
Chloromethane	1	mg/kg	0.0063	ND
cis-1,2-Dichloroethene	1	mg/kg	0.0063	ND
cis-1,3-Dichloropropene	1	mg/kg	0.0063	ND
Dibromochloromethane	1	mg/kg	0.0063	ND
Dichlorodifluoromethane	1	mg/kg	0.0063	ND
Ethylbenzene	1	mg/kg	0.0013	ND
Isopropylbenzene	1	mg/kg	0.0013	ND
m&p-Xylenes	1	mg/kg	0.0025	ND
Methylene chloride	1	mg/kg	0.0063	ND
Methyl-t-butyl ether	1	mg/kg	0.0013	ND
n-Butylbenzene	1	mg/kg	0.0013	ND
n-Propylbenzene	1	mg/kg	0.0013	ND
o-Xylene	1	mg/kg	0.0013	ND
sec-Butylbenzene	1	mg/kg	0.0013	ND
Styrene	1	mg/kg	0.0063	ND
t-Butyl Alcohol	1	mg/kg	0.032	ND
t-Butylbenzene	1	mg/kg	0.0013	ND
Tetrachloroethene	1	mg/kg	0.0063	ND
Toluene	1	mg/kg	0.0013	ND
trans-1,2-Dichloroethene	1	mg/kg	0.0063	ND
trans-1,3-Dichloropropene	1	mg/kg	0.0063	ND
Trichloroethene	1	mg/kg	0.0063	ND
Trichlorofluoromethane	1	mg/kg	0.0063	ND
Vinyl chloride	1	mg/kg	0.0063	ND
Xylenes (Total)	1	mg/kg	0.0013	ND

Lab#: AC42868-004 **Collection Date: 2/20/2009**
Sample ID: MW-6S

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	**1**	**percent**		**79**
Cyanide (Soil/Waste)				
Cyanide	1	mg/kg	0.32	ND
Mercury (Soil/Waste) 7471A				
Mercury	**167**	**mg/kg**	**0.11**	**0.14**
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0063	ND
Alpha-BHC	1	mg/kg	0.0013	ND
beta-BHC	1	mg/kg	0.0013	ND
Chlordane	1	mg/kg	0.013	ND
delta-BHC	1	mg/kg	0.0063	ND
Dieldrin	1	mg/kg	0.0013	ND
Endosulfan I	1	mg/kg	0.0063	ND
Endosulfan II	1	mg/kg	0.0063	ND
Endosulfan Sulfate	1	mg/kg	0.0063	ND
Endrin	1	mg/kg	0.0063	ND
Endrin Aldehyde	1	mg/kg	0.0063	ND
Endrin Ketone	1	mg/kg	0.0063	ND
gamma-BHC	1	mg/kg	0.0013	ND
Heptachlor	1	mg/kg	0.0063	ND
Heptachlor Epoxide	1	mg/kg	0.0063	ND
Methoxychlor	1	mg/kg	0.0063	ND
p,p'-DDD	1	mg/kg	0.0032	ND
p,p'-DDE	1	mg/kg	0.0032	ND
p,p'-DDT	1	mg/kg	0.0032	ND
Toxaphene	1	mg/kg	0.032	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.032	ND
Aroclor-1016	1	mg/kg	0.032	ND
Aroclor-1221	1	mg/kg	0.032	ND
Aroclor-1232	1	mg/kg	0.032	ND
Aroclor-1242	1	mg/kg	0.032	ND
Aroclor-1248	1	mg/kg	0.032	ND
Aroclor-1254	1	mg/kg	0.032	ND
Aroclor-1260	1	mg/kg	0.032	ND
Aroclor-1262	1	mg/kg	0.032	ND
Aroclor-1268	1	mg/kg	0.032	ND

Lab#: AC42868-004 **Collection Date: 2/20/2009**
Sample ID: MW-6S

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**74J**
1,2,4-Trichlorobenzene	1	mg/kg	0.084	ND
1,2-Diphenylhydrazine	1	mg/kg	0.084	ND
2,4,5-Trichlorophenol	1	mg/kg	0.084	ND
2,4,6-Trichlorophenol	1	mg/kg	0.084	ND
2,4-Dichlorophenol	1	mg/kg	0.084	ND
2,4-Dimethylphenol	1	mg/kg	0.084	ND
2,4-Dinitrophenol	1	mg/kg	0.42	ND
2,4-Dinitrotoluene	1	mg/kg	0.084	ND
2,6-Dinitrotoluene	1	mg/kg	0.084	ND
2-Chloronaphthalene	1	mg/kg	0.084	ND
2-Chlorophenol	1	mg/kg	0.084	ND
2-Methylnaphthalene	1	mg/kg	0.084	ND
2-Methylphenol	1	mg/kg	0.084	ND
2-Nitroaniline	1	mg/kg	0.084	ND
2-Nitrophenol	1	mg/kg	0.084	ND
3&4-Methylphenol	1	mg/kg	0.084	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.084	ND
3-Nitroaniline	1	mg/kg	0.084	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.42	ND
4-Bromophenyl-phenylether	1	mg/kg	0.084	ND
4-Chloro-3-methylphenol	1	mg/kg	0.084	ND
4-Chloroaniline	1	mg/kg	0.084	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.084	ND
4-Nitroaniline	1	mg/kg	0.084	ND
4-Nitrophenol	1	mg/kg	0.084	ND
Acenaphthene	1	mg/kg	0.084	ND
Acenaphthylene	1	mg/kg	0.084	ND
Aniline	1	mg/kg	0.084	ND
Anthracene	1	mg/kg	0.084	ND
Benzidine	1	mg/kg	0.42	ND
Benzo[a]anthracene	1	mg/kg	0.084	ND
Benzo[a]pyrene	1	mg/kg	0.084	ND
Benzo[b]fluoranthene	1	mg/kg	0.084	ND
Benzo[g,h,i]perylene	1	mg/kg	0.084	ND
Benzo[k]fluoranthene	1	mg/kg	0.084	ND
Benzoic acid	1	mg/kg	0.42	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.084	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.084	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.084	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.084	ND
Butylbenzylphthalate	1	mg/kg	0.084	ND
Carbazole	1	mg/kg	0.084	ND
Chrysene	1	mg/kg	0.084	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.084	ND
Dibenzofuran	1	mg/kg	0.084	ND
Diethylphthalate	1	mg/kg	0.084	ND
Dimethylphthalate	1	mg/kg	0.084	ND
Di-n-butylphthalate	1	mg/kg	0.084	ND
Di-n-octylphthalate	1	mg/kg	0.084	ND
Fluoranthene	1	mg/kg	0.084	ND
Fluorene	1	mg/kg	0.084	ND
Hexachlorobenzene	1	mg/kg	0.084	ND
Hexachlorobutadiene	1	mg/kg	0.084	ND
Hexachlorocyclopentadiene	1	mg/kg	0.084	ND
Hexachloroethane	1	mg/kg	0.084	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.084	ND
Isophorone	1	mg/kg	0.084	ND
Naphthalene	1	mg/kg	0.084	ND
Nitrobenzene	1	mg/kg	0.084	ND
N-Nitrosodimethylamine	1	mg/kg	0.084	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.084	ND
N-Nitrosodiphenylamine	1	mg/kg	0.084	ND
Pentachlorophenol	1	mg/kg	0.42	ND
Phenanthrene	1	mg/kg	0.084	ND
Phenol	1	mg/kg	0.084	ND
Pyrene	1	mg/kg	0.084	ND

Lab#: AC42868-004 **Collection Date: 2/20/2009**
Sample ID: MW-6S

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**250**	**7900**
Antimony	100	mg/kg	2.5	ND
Arsenic	100	mg/kg	2.5	ND
Barium	**100**	**mg/kg**	**13**	**76**
Beryllium	100	mg/kg	0.76	ND
Cadmium	100	mg/kg	0.76	ND
Calcium	**100**	**mg/kg**	**1300**	**4500**
Chromium	**100**	**mg/kg**	**6.3**	**17**
Cobalt	**100**	**mg/kg**	**3.2**	**7.4**
Copper	**100**	**mg/kg**	**6.3**	**19**
Iron	**100**	**mg/kg**	**250**	**13000**
Lead	**100**	**mg/kg**	**6.3**	**61**
Magnesium	**100**	**mg/kg**	**630**	**4600**
Manganese	**100**	**mg/kg**	**13**	**260**
Nickel	**100**	**mg/kg**	**6.3**	**12**
Potassium	**100**	**mg/kg**	**630**	**1900**
Selenium	100	mg/kg	2.3	ND
Silver	100	mg/kg	1.9	ND
Sodium	100	mg/kg	320	ND
Thallium	100	mg/kg	1.5	ND
Vanadium	**100**	**mg/kg**	**13**	**21**
Zinc	**100**	**mg/kg**	**13**	**45**

Lab#: AC42868-004 **Collection Date: 2/20/2009**
Sample ID: MW-6S

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	0.99	mg/kg	NA	ND
1,1,1-Trichloroethane	0.99	mg/kg	0.0063	ND
1,1,2,2-Tetrachloroethane	0.99	mg/kg	0.0063	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.99	mg/kg	0.0063	ND
1,1,2-Trichloroethane	0.99	mg/kg	0.0063	ND
1,1-Dichloroethane	0.99	mg/kg	0.0063	ND
1,1-Dichloroethene	0.99	mg/kg	0.0063	ND
1,2,3-Trichloropropane	0.99	mg/kg	0.0063	ND
1,2,4-Trimethylbenzene	0.99	mg/kg	0.0013	ND
1,2-Dichlorobenzene	0.99	mg/kg	0.0063	ND
1,2-Dichloroethane	0.99	mg/kg	0.0063	ND
1,2-Dichloropropane	0.99	mg/kg	0.0063	ND
1,3,5-Trimethylbenzene	0.99	mg/kg	0.0013	ND
1,3-Dichlorobenzene	0.99	mg/kg	0.0063	ND
1,3-Dichloropropane	0.99	mg/kg	0.0063	ND
1,4-Dichlorobenzene	0.99	mg/kg	0.0063	ND
1,4-Dioxane	0.99	mg/kg	0.31	ND
2-Butanone	0.99	mg/kg	0.0063	ND
2-Chloroethylvinylether	0.99	mg/kg	0.0063	ND
2-Hexanone	0.99	mg/kg	0.0063	ND
4-Isopropyltoluene	0.99	mg/kg	0.0013	ND
4-Methyl-2-pentanone	0.99	mg/kg	0.0063	ND
Acetone	**0.99**	**mg/kg**	**0.031**	**0.043**
Acrolein	0.99	mg/kg	0.031	ND
Acrylonitrile	0.99	mg/kg	0.0063	ND
Benzene	0.99	mg/kg	0.0013	ND
Bromodichloromethane	0.99	mg/kg	0.0063	ND
Bromoform	0.99	mg/kg	0.0063	ND
Bromomethane	0.99	mg/kg	0.0063	ND
Carbon disulfide	0.99	mg/kg	0.0063	ND
Carbon tetrachloride	0.99	mg/kg	0.0063	ND
Chlorobenzene	0.99	mg/kg	0.0063	ND
Chloroethane	0.99	mg/kg	0.0063	ND
Chloroform	0.99	mg/kg	0.0063	ND
Chloromethane	0.99	mg/kg	0.0063	ND
cis-1,2-Dichloroethene	0.99	mg/kg	0.0063	ND
cis-1,3-Dichloropropene	0.99	mg/kg	0.0063	ND
Dibromochloromethane	0.99	mg/kg	0.0063	ND
Dichlorodifluoromethane	0.99	mg/kg	0.0063	ND
Ethylbenzene	0.99	mg/kg	0.0013	ND
Isopropylbenzene	0.99	mg/kg	0.0013	ND
m&p-Xylenes	0.99	mg/kg	0.0025	ND
Methylene chloride	0.99	mg/kg	0.0063	ND
Methyl-t-butyl ether	0.99	mg/kg	0.0013	ND
n-Butylbenzene	0.99	mg/kg	0.0013	ND
n-Propylbenzene	0.99	mg/kg	0.0013	ND
o-Xylene	0.99	mg/kg	0.0013	ND
sec-Butylbenzene	0.99	mg/kg	0.0013	ND
Styrene	0.99	mg/kg	0.0063	ND
t-Butyl Alcohol	0.99	mg/kg	0.031	ND
t-Butylbenzene	0.99	mg/kg	0.0013	ND
Tetrachloroethene	0.99	mg/kg	0.0063	ND
Toluene	0.99	mg/kg	0.0013	ND
trans-1,2-Dichloroethene	0.99	mg/kg	0.0063	ND
trans-1,3-Dichloropropene	0.99	mg/kg	0.0063	ND
Trichloroethene	0.99	mg/kg	0.0063	ND
Trichlorofluoromethane	0.99	mg/kg	0.0063	ND
Vinyl chloride	0.99	mg/kg	0.0063	ND
Xylenes (Total)	0.99	mg/kg	0.0013	ND

Lab#: AC42868-005 **Collection Date: 2/19/2009**
Sample ID: MW-7S

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	**1**	**percent**		**77**
Cyanide (Soil/Waste)				
Cyanide	1	mg/kg	0.32	ND
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.11	ND
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0065	ND
Alpha-BHC	1	mg/kg	0.0013	ND
beta-BHC	1	mg/kg	0.0013	ND
Chlordane	1	mg/kg	0.013	ND
delta-BHC	1	mg/kg	0.0065	ND
Dieldrin	1	mg/kg	0.0013	ND
Endosulfan I	1	mg/kg	0.0065	ND
Endosulfan II	1	mg/kg	0.0065	ND
Endosulfan Sulfate	1	mg/kg	0.0065	ND
Endrin	1	mg/kg	0.0065	ND
Endrin Aldehyde	1	mg/kg	0.0065	ND
Endrin Ketone	1	mg/kg	0.0065	ND
gamma-BHC	1	mg/kg	0.0013	ND
Heptachlor	1	mg/kg	0.0065	ND
Heptachlor Epoxide	1	mg/kg	0.0065	ND
Methoxychlor	1	mg/kg	0.0065	ND
p,p'-DDD	1	mg/kg	0.0032	ND
p,p'-DDE	1	mg/kg	0.0032	ND
p,p'-DDT	1	mg/kg	0.0032	ND
Toxaphene	1	mg/kg	0.032	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.032	ND
Aroclor-1016	1	mg/kg	0.032	ND
Aroclor-1221	1	mg/kg	0.032	ND
Aroclor-1232	1	mg/kg	0.032	ND
Aroclor-1242	1	mg/kg	0.032	ND
Aroclor-1248	1	mg/kg	0.032	ND
Aroclor-1254	1	mg/kg	0.032	ND
Aroclor-1260	1	mg/kg	0.032	ND
Aroclor-1262	1	mg/kg	0.032	ND
Aroclor-1268	1	mg/kg	0.032	ND

Lab#: AC42868-005 **Collection Date: 2/19/2009**
Sample ID: MW-7S

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**83J**
1,2,4-Trichlorobenzene	1	mg/kg	0.087	ND
1,2-Diphenylhydrazine	1	mg/kg	0.087	ND
2,4,5-Trichlorophenol	1	mg/kg	0.087	ND
2,4,6-Trichlorophenol	1	mg/kg	0.087	ND
2,4-Dichlorophenol	1	mg/kg	0.087	ND
2,4-Dimethylphenol	1	mg/kg	0.087	ND
2,4-Dinitrophenol	1	mg/kg	0.43	ND
2,4-Dinitrotoluene	1	mg/kg	0.087	ND
2,6-Dinitrotoluene	1	mg/kg	0.087	ND
2-Chloronaphthalene	1	mg/kg	0.087	ND
2-Chlorophenol	1	mg/kg	0.087	ND
2-Methylnaphthalene	1	mg/kg	0.087	ND
2-Methylphenol	1	mg/kg	0.087	ND
2-Nitroaniline	1	mg/kg	0.087	ND
2-Nitrophenol	1	mg/kg	0.087	ND
3&4-Methylphenol	1	mg/kg	0.087	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.087	ND
3-Nitroaniline	1	mg/kg	0.087	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.43	ND
4-Bromophenyl-phenylether	1	mg/kg	0.087	ND
4-Chloro-3-methylphenol	1	mg/kg	0.087	ND
4-Chloroaniline	1	mg/kg	0.087	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.087	ND
4-Nitroaniline	1	mg/kg	0.087	ND
4-Nitrophenol	1	mg/kg	0.087	ND
Acenaphthene	1	mg/kg	0.087	ND
Acenaphthylene	1	mg/kg	0.087	ND
Aniline	1	mg/kg	0.087	ND
Anthracene	1	mg/kg	0.087	ND
Benzidine	1	mg/kg	0.43	ND
Benzo[a]anthracene	1	mg/kg	0.087	ND
Benzo[a]pyrene	**1**	**mg/kg**	**0.087**	**0.73**
Benzo[b]fluoranthene	1	mg/kg	0.087	ND
Benzo[g,h,i]perylene	1	mg/kg	0.087	ND
Benzo[k]fluoranthene	1	mg/kg	0.087	ND
Benzoic acid	1	mg/kg	0.43	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.087	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.087	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.087	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.087	ND
Butylbenzylphthalate	1	mg/kg	0.087	ND
Carbazole	1	mg/kg	0.087	ND
Chrysene	1	mg/kg	0.087	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.087	ND
Dibenzofuran	1	mg/kg	0.087	ND
Diethylphthalate	1	mg/kg	0.087	ND
Dimethylphthalate	1	mg/kg	0.087	ND
Di-n-butylphthalate	1	mg/kg	0.087	ND
Di-n-octylphthalate	1	mg/kg	0.087	ND
Fluoranthene	1	mg/kg	0.087	ND
Fluorene	1	mg/kg	0.087	ND
Hexachlorobenzene	1	mg/kg	0.087	ND
Hexachlorobutadiene	1	mg/kg	0.087	ND
Hexachlorocyclopentadiene	1	mg/kg	0.087	ND
Hexachloroethane	1	mg/kg	0.087	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.087	ND
Isophorone	1	mg/kg	0.087	ND
Naphthalene	1	mg/kg	0.087	ND
Nitrobenzene	1	mg/kg	0.087	ND
N-Nitrosodimethylamine	1	mg/kg	0.087	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.087	ND
N-Nitrosodiphenylamine	1	mg/kg	0.087	ND
Pentachlorophenol	1	mg/kg	0.43	ND
Phenanthrene	1	mg/kg	0.087	ND
Phenol	1	mg/kg	0.087	ND
Pyrene	1	mg/kg	0.087	ND

Lab#: AC42868-005	Collection Date: 2/19/2009
Sample ID: MW-7S	

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**260**	**11000**
Antimony	100	mg/kg	2.6	ND
Arsenic	100	mg/kg	2.6	ND
Barium	**100**	**mg/kg**	**13**	**98**
Beryllium	100	mg/kg	0.78	ND
Cadmium	100	mg/kg	0.78	ND
Calcium	**100**	**mg/kg**	**1300**	**1900**
Chromium	**100**	**mg/kg**	**6.5**	**36**
Cobalt	**100**	**mg/kg**	**3.2**	**6.9**
Copper	**100**	**mg/kg**	**6.5**	**9.9**
Iron	**100**	**mg/kg**	**260**	**11000**
Lead	**100**	**mg/kg**	**6.5**	**7.0**
Magnesium	**100**	**mg/kg**	**650**	**3800**
Manganese	**100**	**mg/kg**	**13**	**110**
Nickel	**100**	**mg/kg**	**6.5**	**17**
Potassium	**100**	**mg/kg**	**650**	**840**
Selenium	100	mg/kg	2.3	ND
Silver	100	mg/kg	1.9	ND
Sodium	100	mg/kg	320	ND
Thallium	100	mg/kg	1.6	ND
Vanadium	**100**	**mg/kg**	**13**	**24**
Zinc	**100**	**mg/kg**	**13**	**41**

Lab#: AC42868-005	Collection Date: 2/19/2009
Sample ID: MW-7S	

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	1	mg/kg	NA	ND
1,1,1-Trichloroethane	1	mg/kg	0.0065	ND
1,1,2,2-Tetrachloroethane	1	mg/kg	0.0065	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	**1**	**mg/kg**	**0.0065**	**0.0088**
1,1,2-Trichloroethane	1	mg/kg	0.0065	ND
1,1-Dichloroethane	1	mg/kg	0.0065	ND
1,1-Dichloroethene	1	mg/kg	0.0065	ND
1,2,3-Trichloropropane	1	mg/kg	0.0065	ND
1,2,4-Trimethylbenzene	1	mg/kg	0.0013	ND
1,2-Dichlorobenzene	1	mg/kg	0.0065	ND
1,2-Dichloroethane	1	mg/kg	0.0065	ND
1,2-Dichloropropane	1	mg/kg	0.0065	ND
1,3,5-Trimethylbenzene	1	mg/kg	0.0013	ND
1,3-Dichlorobenzene	1	mg/kg	0.0065	ND
1,3-Dichloropropane	1	mg/kg	0.0065	ND
1,4-Dichlorobenzene	1	mg/kg	0.0065	ND
1,4-Dioxane	1	mg/kg	0.33	ND
2-Butanone	1	mg/kg	0.0065	ND
2-Chloroethylvinylether	1	mg/kg	0.0065	ND
2-Hexanone	1	mg/kg	0.0065	ND
4-Isopropyltoluene	1	mg/kg	0.0013	ND
4-Methyl-2-pentanone	1	mg/kg	0.0065	ND
Acetone	1	mg/kg	0.033	ND
Acrolein	1	mg/kg	0.033	ND
Acrylonitrile	1	mg/kg	0.0065	ND
Benzene	1	mg/kg	0.0013	ND
Bromodichloromethane	1	mg/kg	0.0065	ND
Bromoform	1	mg/kg	0.0065	ND
Bromomethane	1	mg/kg	0.0065	ND
Carbon disulfide	1	mg/kg	0.0065	ND
Carbon tetrachloride	1	mg/kg	0.0065	ND
Chlorobenzene	1	mg/kg	0.0065	ND
Chloroethane	1	mg/kg	0.0065	ND
Chloroform	1	mg/kg	0.0065	ND
Chloromethane	1	mg/kg	0.0065	ND
cis-1,2-Dichloroethene	1	mg/kg	0.0065	ND
cis-1,3-Dichloropropene	1	mg/kg	0.0065	ND
Dibromochloromethane	1	mg/kg	0.0065	ND
Dichlorodifluoromethane	1	mg/kg	0.0065	ND
Ethylbenzene	1	mg/kg	0.0013	ND
Isopropylbenzene	1	mg/kg	0.0013	ND
m&p-Xylenes	1	mg/kg	0.0026	ND
Methylene chloride	1	mg/kg	0.0065	ND
Methyl-t-butyl ether	1	mg/kg	0.0013	ND
n-Butylbenzene	1	mg/kg	0.0013	ND
n-Propylbenzene	1	mg/kg	0.0013	ND
o-Xylene	1	mg/kg	0.0013	ND
sec-Butylbenzene	1	mg/kg	0.0013	ND
Styrene	1	mg/kg	0.0065	ND
t-Butyl Alcohol	1	mg/kg	0.033	ND
t-Butylbenzene	1	mg/kg	0.0013	ND
Tetrachloroethene	1	mg/kg	0.0065	ND
Toluene	1	mg/kg	0.0013	ND
trans-1,2-Dichloroethene	1	mg/kg	0.0065	ND
trans-1,3-Dichloropropene	1	mg/kg	0.0065	ND
Trichloroethene	1	mg/kg	0.0065	ND
Trichlorofluoromethane	1	mg/kg	0.0065	ND
Vinyl chloride	1	mg/kg	0.0065	ND
Xylenes (Total)	1	mg/kg	0.0013	ND

Lab#: AC42868-006 **Collection Date: 2/20/2009**
Sample ID: WB-2 GW U

TestGroup/Analyte	DF	Units	RL	Result
Cyanide (Water) EPA 335.4				
Cyanide	1	mg/l	0.01	ND
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.26	ND
PCB 608				
Aroclor (Total)	1	ug/l	0.26	ND
Aroclor-1016	1	ug/l	0.26	ND
Aroclor-1221	1	ug/l	0.26	ND
Aroclor-1232	1	ug/l	0.26	ND
Aroclor-1242	1	ug/l	0.26	ND
Aroclor-1248	1	ug/l	0.26	ND
Aroclor-1254	1	ug/l	0.26	ND
Aroclor-1260	1	ug/l	0.26	ND
Aroclor-1262	1	ug/l	0.26	ND
Aroclor-1268	1	ug/l	0.26	ND

Lab#: AC42868-006 **Collection Date: 2/20/2009**
Sample ID: WB-2 GW U

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	1	ug/l	NA	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	2.2	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC42868-006 **Collection Date: 2/20/2009**
Sample ID: WB-2 GW U

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 200.7/8				
Aluminum	**0.5**	**ug/l**	**100**	**1700**
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**54**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**25000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	**0.5**	**ug/l**	**150**	**4500**
Lead	**0.5**	**ug/l**	**5.0**	**15**
Magnesium	**0.5**	**ug/l**	**1000**	**24000**
Manganese	**0.5**	**ug/l**	**25**	**290**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**13000**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**120000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	**0.5**	**ug/l**	**25**	**31**

Lab#: AC42868-006 **Collection Date: 2/20/2009**
Sample ID: WB-2 GW U

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	250	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	5.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	25	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42868-007 **Collection Date: 2/20/2009**
Sample ID: WB-2 GW F

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	0.5	ug/l	25	ND
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**23000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	0.5	ug/l	150	ND
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**22000**
Manganese	**0.5**	**ug/l**	**25**	**240**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**13000**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**120000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42868-008 **Collection Date: 2/19/2009**
Sample ID: WB-3 GW

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	1	ug/l	NA	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	2.2	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC42868-008 **Collection Date: 2/19/2009**
Sample ID: WB-3 GW

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	250	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	5.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	25	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42868-009 **Collection Date: 2/20/2009**
Sample ID: WB-4 GW U

TestGroup/Analyte	DF	Units	RL	Result
Cyanide (Water) EPA 335.4				
Cyanide	1	mg/l	0.01	ND
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.26	ND
PCB 608				
Aroclor (Total)	1	ug/l	0.26	ND
Aroclor-1016	1	ug/l	0.26	ND
Aroclor-1221	1	ug/l	0.26	ND
Aroclor-1232	1	ug/l	0.26	ND
Aroclor-1242	1	ug/l	0.26	ND
Aroclor-1248	1	ug/l	0.26	ND
Aroclor-1254	1	ug/l	0.26	ND
Aroclor-1260	1	ug/l	0.26	ND
Aroclor-1262	1	ug/l	0.26	ND
Aroclor-1268	1	ug/l	0.26	ND

Lab#: AC42868-009 **Collection Date: 2/20/2009**
Sample ID: WB-4 GW U

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	1	ug/l	NA	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	2.2	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC42868-009 **Collection Date: 2/20/2009**
Sample ID: WB-4 GW U

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 200.7/8				
Aluminum	**0.5**	**ug/l**	**100**	**7400**
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**130**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**42000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	**0.5**	**ug/l**	**150**	**8900**
Lead	**0.5**	**ug/l**	**5.0**	**5.2**
Magnesium	**0.5**	**ug/l**	**1000**	**20000**
Manganese	**0.5**	**ug/l**	**25**	**370**
Nickel	**0.5**	**ug/l**	**10**	**11**
Potassium	**0.5**	**ug/l**	**2500**	**6500**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**33000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	**0.5**	**ug/l**	**25**	**31**

Lab#: AC42868-009 **Collection Date: 2/20/2009**
Sample ID: WB-4 GW U

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	250	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	5.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	25	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42868-010 **Collection Date: 2/20/2009**
Sample ID: WB-4 GW F

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 245.1				
Mercury	**1**	**ug/l**	**0.20**	**0.28**
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**94**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**43000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	0.5	ug/l	150	ND
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**17000**
Manganese	**0.5**	**ug/l**	**25**	**290**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**5700**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**34000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42868-012 **Collection Date: 2/20/2009**
Sample ID: FB U

TestGroup/Analyte	DF	Units	RL	Result
Cyanide (Water) EPA 335.4				
Cyanide	1	mg/l	0.01	ND
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.010	ND
Alpha-BHC	1	ug/l	0.010	ND
beta-BHC	1	ug/l	0.010	ND
Chlordane	1	ug/l	0.10	ND
delta-BHC	1	ug/l	0.010	ND
Dieldrin	1	ug/l	0.010	ND
Endosulfan I	1	ug/l	0.010	ND
Endosulfan II	1	ug/l	0.010	ND
Endosulfan Sulfate	1	ug/l	0.010	ND
Endrin	1	ug/l	0.010	ND
Endrin Aldehyde	1	ug/l	0.010	ND
Endrin Ketone	1	ug/l	0.010	ND
gamma-BHC	1	ug/l	0.010	ND
Heptachlor	1	ug/l	0.010	ND
Heptachlor Epoxide	1	ug/l	0.010	ND
Methoxychlor	1	ug/l	0.010	ND
p,p'-DDD	1	ug/l	0.010	ND
p,p'-DDE	1	ug/l	0.010	ND
p,p'-DDT	1	ug/l	0.010	ND
Toxaphene	1	ug/l	0.25	ND
PCB 608				
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND
Aroclor-1262	1	ug/l	0.25	ND
Aroclor-1268	1	ug/l	0.25	ND

Lab#: AC42868-012 **Collection Date: 2/20/2009**
Sample ID: FB U

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	1	ug/l	NA	ND
1,2,4-Trichlorobenzene	1	ug/l	2.0	ND
1,2-Diphenylhydrazine	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	2.0	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	2.0	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	2.0	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Aniline	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Benzidine	1	ug/l	10	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
Benzoic acid	1	ug/l	10	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	2.0	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	2.0	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	2.0	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	2.0	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitrosodimethylamine	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.0	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Lab#: AC42868-012 **Collection Date: 2/20/2009**
Sample ID: FB U

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	0.5	ug/l	25	ND
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	0.5	ug/l	1000	ND
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	0.5	ug/l	150	ND
Lead	0.5	ug/l	5.0	ND
Magnesium	0.5	ug/l	1000	ND
Manganese	0.5	ug/l	25	ND
Nickel	0.5	ug/l	10	ND
Potassium	0.5	ug/l	2500	ND
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	0.5	ug/l	2500	ND
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42868-012 **Collection Date: 2/20/2009**
Sample ID: FB U

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	250	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	5.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	25	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42868-013 **Collection Date: 2/20/2009**
Sample ID: FB F

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	0.5	ug/l	25	ND
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	0.5	ug/l	1000	ND
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	0.5	ug/l	150	ND
Lead	0.5	ug/l	5.0	ND
Magnesium	0.5	ug/l	1000	ND
Manganese	0.5	ug/l	25	ND
Nickel	0.5	ug/l	10	ND
Potassium	0.5	ug/l	2500	ND
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	0.5	ug/l	2500	ND
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42868-014 **Collection Date: 2/17/2009**
Sample ID: TB

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	250	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	5.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	25	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-001
Client Id: WB-2
Data File: 1M42208.D
Analysis Date: 02/26/09 16:26
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.08g
Final Vol: NA
Dilution: 0.984
Solids: 72

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0068	U	56-23-5	Carbon Tetrachloride	0.0068	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0068	U	108-90-7	Chlorobenzene	0.0068	U
76-13-1	**1,1,2-Trichloro-1,2,2-triflu**	**0.0068**	**0.0089**	75-00-3	Chloroethane	0.0068	U
79-00-5	1,1,2-Trichloroethane	0.0068	U	67-66-3	Chloroform	0.0068	U
75-34-3	1,1-Dichloroethane	0.0068	U	74-87-3	Chloromethane	0.0068	U
75-35-4	1,1-Dichloroethene	0.0068	U	156-59-2	cis-1,2-Dichloroethene	0.0068	U
96-18-4	1,2,3-Trichloropropane	0.0068	U	10061-01-5	cis-1,3-Dichloropropene	0.0068	U
95-63-6	1,2,4-Trimethylbenzene	0.0014	U	124-48-1	Dibromochloromethane	0.0068	U
95-50-1	1,2-Dichlorobenzene	0.0068	U	75-71-8	Dichlorodifluoromethane	0.0068	U
107-06-2	1,2-Dichloroethane	0.0068	U	100-41-4	Ethylbenzene	0.0014	U
78-87-5	1,2-Dichloropropane	0.0068	U	98-82-8	Isopropylbenzene	0.0014	U
108-67-8	1,3,5-Trimethylbenzene	0.0014	U	136777612	m&p-Xylenes	0.0027	U
541-73-1	1,3-Dichlorobenzene	0.0068	U	75-09-2	Methylene Chloride	0.0068	U
142-28-9	1,3-Dichloropropane	0.0068	U	1634-04-4	Methyl-t-butyl ether	0.0014	U
106-46-7	1,4-Dichlorobenzene	0.0068	U	104-51-8	n-Butylbenzene	0.0014	U
123-91-1	1,4-Dioxane	0.34	U	103-65-1	n-Propylbenzene	0.0014	U
78-93-3	**2-Butanone**	**0.0068**	**0.039**	95-47-6	o-Xylene	0.0014	U
110-75-8	2-Chloroethylvinylether	0.0068	U	135-98-8	sec-Butylbenzene	0.0014	U
591-78-6	2-Hexanone	0.0068	U	100-42-5	Styrene	0.0068	U
99-87-6	4-Isopropyltoluene	0.0014	U	75-65-0	t-Butyl Alcohol	0.034	U
108-10-1	4-Methyl-2-Pentanone	0.0068	U	98-06-6	t-Butylbenzene	0.0014	U
67-64-1	**Acetone**	**0.034**	**0.19**	127-18-4	Tetrachloroethene	0.0068	U
107-02-8	Acrolein	0.034	U	108-88-3	Toluene	0.0014	U
107-13-1	Acrylonitrile	0.0068	U	156-60-5	trans-1,2-Dichloroethene	0.0068	U
71-43-2	Benzene	0.0014	U	10061-02-6	trans-1,3-Dichloropropene	0.0068	U
75-27-4	Bromodichloromethane	0.0068	U	79-01-6	Trichloroethene	0.0068	U
75-25-2	Bromoform	0.0068	U	75-69-4	Trichlorofluoromethane	0.0068	U
74-83-9	Bromomethane	0.0068	U	75-01-4	Vinyl Chloride	0.0068	U
75-15-0	Carbon Disulfide	0.0068	U	1330-20-7	Xylenes (Total)	0.0014	U

Worksheet #: 110162

Total Target Concentration 0.24

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-001
Client Id: WB-2
Data File: 1M42208.D
Analysis Date: 02/26/09 16:26
Date Rec/Extracted: 02/20/09-NA

Matrix: Soil
Initial Vol: 5.08g
Final Vol: NA
Dilution: 0.984
Solids: 72
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-002
Client Id: WB-3
Data File: 1M42160.D
Analysis Date: 02/25/09 19:27
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.1g
Final Vol: NA
Dilution: 0.980
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0062	U	56-23-5	Carbon Tetrachloride	0.0062	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0062	U	108-90-7	Chlorobenzene	0.0062	U
76-13-1	**1,1,2-Trichloro-1,2,2-triflu**	**0.0062**	**0.019**	75-00-3	Chloroethane	0.0062	U
79-00-5	1,1,2-Trichloroethane	0.0062	U	67-66-3	Chloroform	0.0062	U
75-34-3	1,1-Dichloroethane	0.0062	U	74-87-3	Chloromethane	0.0062	U
75-35-4	1,1-Dichloroethene	0.0062	U	156-59-2	cis-1,2-Dichloroethene	0.0062	U
96-18-4	1,2,3-Trichloropropane	0.0062	U	10061-01-5	cis-1,3-Dichloropropene	0.0062	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	124-48-1	Dibromochloromethane	0.0062	U
95-50-1	1,2-Dichlorobenzene	0.0062	U	75-71-8	Dichlorodifluoromethane	0.0062	U
107-06-2	1,2-Dichloroethane	0.0062	U	100-41-4	Ethylbenzene	0.0012	U
78-87-5	1,2-Dichloropropane	0.0062	U	98-82-8	Isopropylbenzene	0.0012	U
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	136777612	m&p-Xylenes	0.0025	U
541-73-1	1,3-Dichlorobenzene	0.0062	U	**75-09-2**	**Methylene Chloride**	**0.0062**	**0.0075**
142-28-9	1,3-Dichloropropane	0.0062	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0062	U	104-51-8	n-Butylbenzene	0.0012	U
123-91-1	1,4-Dioxane	0.31	U	103-65-1	n-Propylbenzene	0.0012	U
78-93-3	2-Butanone	0.0062	U	95-47-6	o-Xylene	0.0012	U
110-75-8	2-Chloroethylvinylether	0.0062	U	135-98-8	sec-Butylbenzene	0.0012	U
591-78-6	2-Hexanone	0.0062	U	100-42-5	Styrene	0.0062	U
99-87-6	4-Isopropyltoluene	0.0012	U	75-65-0	t-Butyl Alcohol	0.031	U
108-10-1	4-Methyl-2-Pentanone	0.0062	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.031	U	127-18-4	Tetrachloroethene	0.0062	U
107-02-8	Acrolein	0.031	U	108-88-3	Toluene	0.0012	U
107-13-1	Acrylonitrile	0.0062	U	156-60-5	trans-1,2-Dichloroethene	0.0062	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0062	U
75-27-4	Bromodichloromethane	0.0062	U	79-01-6	Trichloroethene	0.0062	U
75-25-2	Bromoform	0.0062	U	75-69-4	Trichlorofluoromethane	0.0062	U
74-83-9	Bromomethane	0.0062	U	75-01-4	Vinyl Chloride	0.0062	U
75-15-0	Carbon Disulfide	0.0062	U	1330-20-7	Xylenes (Total)	0.0012	U

Worksheet #: 110162

Total Target Concentration 0.026

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-002	Matrix: Soil
Client Id: WB-3	Initial Vol: 5.1g
Data File: 1M42160.D	Final Vol: NA
Analysis Date: 02/25/09 19:27	Dilution: 0.980
Date Rec/Extracted: 02/20/09-NA	Solids: 79
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-003
Client Id: WB-4
Data File: 1M42161.D
Analysis Date: 02/25/09 19:44
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1.00
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0063	U	56-23-5	Carbon Tetrachloride	0.0063	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0063	U	108-90-7	Chlorobenzene	0.0063	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0063	U	75-00-3	Chloroethane	0.0063	U
79-00-5	1,1,2-Trichloroethane	0.0063	U	67-66-3	Chloroform	0.0063	U
75-34-3	1,1-Dichloroethane	0.0063	U	74-87-3	Chloromethane	0.0063	U
75-35-4	1,1-Dichloroethene	0.0063	U	156-59-2	cis-1,2-Dichloroethene	0.0063	U
96-18-4	1,2,3-Trichloropropane	0.0063	U	10061-01-5	cis-1,3-Dichloropropene	0.0063	U
95-63-6	**1,2,4-Trimethylbenzene**	**0.0013**	**0.0016**	124-48-1	Dibromochloromethane	0.0063	U
95-50-1	1,2-Dichlorobenzene	0.0063	U	75-71-8	Dichlorodifluoromethane	0.0063	U
107-06-2	1,2-Dichloroethane	0.0063	U	100-41-4	Ethylbenzene	0.0013	U
78-87-5	1,2-Dichloropropane	0.0063	U	98-82-8	Isopropylbenzene	0.0013	U
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	136777612	m&p-Xylenes	0.0025	U
541-73-1	1,3-Dichlorobenzene	0.0063	U	75-09-2	Methylene Chloride	0.0063	U
142-28-9	1,3-Dichloropropane	0.0063	U	1634-04-4	Methyl-t-butyl ether	0.0013	U
106-46-7	1,4-Dichlorobenzene	0.0063	U	104-51-8	n-Butylbenzene	0.0013	U
123-91-1	1,4-Dioxane	0.32	U	103-65-1	n-Propylbenzene	0.0013	U
78-93-3	2-Butanone	0.0063	U	95-47-6	o-Xylene	0.0013	U
110-75-8	2-Chloroethylvinylether	0.0063	U	135-98-8	sec-Butylbenzene	0.0013	U
591-78-6	2-Hexanone	0.0063	U	100-42-5	Styrene	0.0063	U
99-87-6	4-Isopropyltoluene	0.0013	U	75-65-0	t-Butyl Alcohol	0.032	U
108-10-1	4-Methyl-2-Pentanone	0.0063	U	98-06-6	t-Butylbenzene	0.0013	U
67-64-1	Acetone	0.032	U	127-18-4	Tetrachloroethene	0.0063	U
107-02-8	Acrolein	0.032	U	108-88-3	Toluene	0.0013	U
107-13-1	Acrylonitrile	0.0063	U	156-60-5	trans-1,2-Dichloroethene	0.0063	U
71-43-2	Benzene	0.0013	U	10061-02-6	trans-1,3-Dichloropropene	0.0063	U
75-27-4	Bromodichloromethane	0.0063	U	79-01-6	Trichloroethene	0.0063	U
75-25-2	Bromoform	0.0063	U	75-69-4	Trichlorofluoromethane	0.0063	U
74-83-9	Bromomethane	0.0063	U	75-01-4	Vinyl Chloride	0.0063	U
75-15-0	Carbon Disulfide	0.0063	U	1330-20-7	Xylenes (Total)	0.0013	U

Worksheet #: 110162

Total Target Concentration 0.0016

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-003	Matrix: Soil
Client Id: WB-4	Initial Vol: 5g
Data File: 1M42161.D	Final Vol: NA
Analysis Date: 02/25/09 19:44	Dilution: 1.00
Date Rec/Extracted: 02/20/09-NA	Solids: 79
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 1M42162.D
Analysis Date: 02/25/09 20:01
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.05g
Final Vol: NA
Dilution: 0.990
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0063	U	56-23-5	Carbon Tetrachloride	0.0063	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0063	U	108-90-7	Chlorobenzene	0.0063	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0063	U	75-00-3	Chloroethane	0.0063	U
79-00-5	1,1,2-Trichloroethane	0.0063	U	67-66-3	Chloroform	0.0063	U
75-34-3	1,1-Dichloroethane	0.0063	U	74-87-3	Chloromethane	0.0063	U
75-35-4	1,1-Dichloroethene	0.0063	U	156-59-2	cis-1,2-Dichloroethene	0.0063	U
96-18-4	1,2,3-Trichloropropane	0.0063	U	10061-01-5	cis-1,3-Dichloropropene	0.0063	U
95-63-6	1,2,4-Trimethylbenzene	0.0013	U	124-48-1	Dibromochloromethane	0.0063	U
95-50-1	1,2-Dichlorobenzene	0.0063	U	75-71-8	Dichlorodifluoromethane	0.0063	U
107-06-2	1,2-Dichloroethane	0.0063	U	100-41-4	Ethylbenzene	0.0013	U
78-87-5	1,2-Dichloropropane	0.0063	U	98-82-8	Isopropylbenzene	0.0013	U
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	136777612	m&p-Xylenes	0.0025	U
541-73-1	1,3-Dichlorobenzene	0.0063	U	75-09-2	Methylene Chloride	0.0063	U
142-28-9	1,3-Dichloropropane	0.0063	U	1634-04-4	Methyl-t-butyl ether	0.0013	U
106-46-7	1,4-Dichlorobenzene	0.0063	U	104-51-8	n-Butylbenzene	0.0013	U
123-91-1	1,4-Dioxane	0.31	U	103-65-1	n-Propylbenzene	0.0013	U
78-93-3	2-Butanone	0.0063	U	95-47-6	o-Xylene	0.0013	U
110-75-8	2-Chloroethylvinylether	0.0063	U	135-98-8	sec-Butylbenzene	0.0013	U
591-78-6	2-Hexanone	0.0063	U	100-42-5	Styrene	0.0063	U
99-87-6	4-Isopropyltoluene	0.0013	U	75-65-0	t-Butyl Alcohol	0.031	U
108-10-1	4-Methyl-2-Pentanone	0.0063	U	98-06-6	t-Butylbenzene	0.0013	U
67-64-1	**Acetone**	**0.031**	**0.043**	127-18-4	Tetrachloroethene	0.0063	U
107-02-8	Acrolein	0.031	U	108-88-3	Toluene	0.0013	U
107-13-1	Acrylonitrile	0.0063	U	156-60-5	trans-1,2-Dichloroethene	0.0063	U
71-43-2	Benzene	0.0013	U	10061-02-6	trans-1,3-Dichloropropene	0.0063	U
75-27-4	Bromodichloromethane	0.0063	U	79-01-6	Trichloroethene	0.0063	U
75-25-2	Bromoform	0.0063	U	75-69-4	Trichlorofluoromethane	0.0063	U
74-83-9	Bromomethane	0.0063	U	75-01-4	Vinyl Chloride	0.0063	U
75-15-0	Carbon Disulfide	0.0063	U	1330-20-7	Xylenes (Total)	0.0013	U

Worksheet #: 110162

Total Target Concentration 0.043

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 1M42162.D
Analysis Date: 02/25/09 20:01
Date Rec/Extracted: 02/20/09-NA

Matrix: Soil
Initial Vol: 5.05g
Final Vol: NA
Dilution: 0.990
Solids: 79
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 1M42163.D
Analysis Date: 02/25/09 20:18
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 4.99g
Final Vol: NA
Dilution: 1.00
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0065	U	56-23-5	Carbon Tetrachloride	0.0065	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0065	U	108-90-7	Chlorobenzene	0.0065	U
76-13-1	**1,1,2-Trichloro-1,2,2-triflu**	**0.0065**	**0.0088**	75-00-3	Chloroethane	0.0065	U
79-00-5	1,1,2-Trichloroethane	0.0065	U	67-66-3	Chloroform	0.0065	U
75-34-3	1,1-Dichloroethane	0.0065	U	74-87-3	Chloromethane	0.0065	U
75-35-4	1,1-Dichloroethene	0.0065	U	156-59-2	cis-1,2-Dichloroethene	0.0065	U
96-18-4	1,2,3-Trichloropropane	0.0065	U	10061-01-5	cis-1,3-Dichloropropene	0.0065	U
95-63-6	1,2,4-Trimethylbenzene	0.0013	U	124-48-1	Dibromochloromethane	0.0065	U
95-50-1	1,2-Dichlorobenzene	0.0065	U	75-71-8	Dichlorodifluoromethane	0.0065	U
107-06-2	1,2-Dichloroethane	0.0065	U	100-41-4	Ethylbenzene	0.0013	U
78-87-5	1,2-Dichloropropane	0.0065	U	98-82-8	Isopropylbenzene	0.0013	U
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	136777612	m&p-Xylenes	0.0026	U
541-73-1	1,3-Dichlorobenzene	0.0065	U	75-09-2	Methylene Chloride	0.0065	U
142-28-9	1,3-Dichloropropane	0.0065	U	1634-04-4	Methyl-t-butyl ether	0.0013	U
106-46-7	1,4-Dichlorobenzene	0.0065	U	104-51-8	n-Butylbenzene	0.0013	U
123-91-1	1,4-Dioxane	0.33	U	103-65-1	n-Propylbenzene	0.0013	U
78-93-3	2-Butanone	0.0065	U	95-47-6	o-Xylene	0.0013	U
110-75-8	2-Chloroethylvinylether	0.0065	U	135-98-8	sec-Butylbenzene	0.0013	U
591-78-6	2-Hexanone	0.0065	U	100-42-5	Styrene	0.0065	U
99-87-6	4-Isopropyltoluene	0.0013	U	75-65-0	t-Butyl Alcohol	0.033	U
108-10-1	4-Methyl-2-Pentanone	0.0065	U	98-06-6	t-Butylbenzene	0.0013	U
67-64-1	Acetone	0.033	U	127-18-4	Tetrachloroethene	0.0065	U
107-02-8	Acrolein	0.033	U	108-88-3	Toluene	0.0013	U
107-13-1	Acrylonitrile	0.0065	U	156-60-5	trans-1,2-Dichloroethene	0.0065	U
71-43-2	Benzene	0.0013	U	10061-02-6	trans-1,3-Dichloropropene	0.0065	U
75-27-4	Bromodichloromethane	0.0065	U	79-01-6	Trichloroethene	0.0065	U
75-25-2	Bromoform	0.0065	U	75-69-4	Trichlorofluoromethane	0.0065	U
74-83-9	Bromomethane	0.0065	U	75-01-4	Vinyl Chloride	0.0065	U
75-15-0	Carbon Disulfide	0.0065	U	1330-20-7	Xylenes (Total)	0.0013	U

Worksheet #: 110162

Total Target Concentration 0.0088

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 1M42163.D
Analysis Date: 02/25/09 20:18
Date Rec/Extracted: 02/20/09-NA

Matrix: Soil
Initial Vol: 4.99g
Final Vol: NA
Dilution: 1.00
Solids: 77
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 6M38430.D
Analysis Date: 02/24/09 16:55
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	25	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 109905

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 6M38430.D
Analysis Date: 02/24/09 16:55
Date Rec/Extracted: 02/20/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109905

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-008
Client Id: WB-3 GW
Data File: 6M38420.D
Analysis Date: 02/24/09 14:13
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	25	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 109905

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-008
Client Id: WB-3 GW
Data File: 6M38420.D
Analysis Date: 02/24/09 14:13
Date Rec/Extracted: 02/20/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109905

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 6M38421.D
Analysis Date: 02/24/09 14:29
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	25	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 109905

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 6M38421.D
Analysis Date: 02/24/09 14:29
Date Rec/Extracted: 02/20/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109905

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-012
Client Id: FB U
Data File: 6M38407.D
Analysis Date: 02/24/09 10:34
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	25	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 109905

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-012
Client Id: FB U
Data File: 6M38407.D
Analysis Date: 02/24/09 10:34
Date Rec/Extracted: 02/20/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109905

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-014
Client Id: TB
Data File: 6M38408.D
Analysis Date: 02/24/09 10:50
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	25	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 109905

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-014
Client Id: TB
Data File: 6M38408.D
Analysis Date: 02/24/09 10:50
Date Rec/Extracted: 02/20/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109905

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-001
Client Id: WB-2
Data File: 10M03183.D
Analysis Date: 02/24/09 20:10
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 72

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.093	U	191-24-2	Benzo[g,h,i]perylene	0.093	U
122-66-7	1,2-Diphenylhydrazine	0.093	U	207-08-9	Benzo[k]fluoranthene	0.093	U
95-95-4	2,4,5-Trichlorophenol	0.093	U	65-85-0	Benzoic Acid	0.46	U
88-06-2	2,4,6-Trichlorophenol	0.093	U	111-91-1	bis(2-Chloroethoxy)methan	0.093	U
120-83-2	2,4-Dichlorophenol	0.093	U	111-44-4	bis(2-Chloroethyl)ether	0.093	U
105-67-9	2,4-Dimethylphenol	0.093	U	108-60-1	bis(2-chloroisopropyl)ether	0.093	U
51-28-5	2,4-Dinitrophenol	0.46	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.093	U
121-14-2	2,4-Dinitrotoluene	0.093	U	85-68-7	Butylbenzylphthalate	0.093	U
606-20-2	2,6-Dinitrotoluene	0.093	U	86-74-8	Carbazole	0.093	U
91-58-7	2-Chloronaphthalene	0.093	U	218-01-9	Chrysene	0.093	U
95-57-8	2-Chlorophenol	0.093	U	53-70-3	Dibenzo[a,h]anthracene	0.093	U
91-57-6	2-Methylnaphthalene	0.093	U	132-64-9	Dibenzofuran	0.093	U
95-48-7	2-Methylphenol	0.093	U	84-66-2	Diethylphthalate	0.093	U
88-74-4	2-Nitroaniline	0.093	U	131-11-3	Dimethylphthalate	0.093	U
88-75-5	2-Nitrophenol	0.093	U	84-74-2	Di-n-butylphthalate	0.093	U
106-44-5	3&4-Methylphenol	0.093	U	117-84-0	Di-n-octylphthalate	0.093	U
91-94-1	3,3'-Dichlorobenzidine	0.093	U	206-44-0	Fluoranthene	0.093	U
99-09-2	3-Nitroaniline	0.093	U	86-73-7	Fluorene	0.093	U
534-52-1	4,6-Dinitro-2-methylphenol	0.46	U	118-74-1	Hexachlorobenzene	0.093	U
101-55-3	4-Bromophenyl-phenylether	0.093	U	87-68-3	Hexachlorobutadiene	0.093	U
59-50-7	4-Chloro-3-methylphenol	0.093	U	77-47-4	Hexachlorocyclopentadiene	0.093	U
106-47-8	4-Chloroaniline	0.093	U	67-72-1	Hexachloroethane	0.093	U
7005-72-3	4-Chlorophenyl-phenylether	0.093	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.093	U
100-01-6	4-Nitroaniline	0.093	U	78-59-1	Isophorone	0.093	U
100-02-7	4-Nitrophenol	0.093	U	91-20-3	Naphthalene	0.093	U
83-32-9	Acenaphthene	0.093	U	98-95-3	Nitrobenzene	0.093	U
208-96-8	Acenaphthylene	0.093	U	62-75-9	N-Nitrosodimethylamine	0.093	U
62-53-3	Aniline	0.093	U	621-64-7	N-Nitroso-di-n-propylamine	0.093	U
120-12-7	Anthracene	0.093	U	86-30-6	n-Nitrosodiphenylamine	0.093	U
92-87-5	Benzidine	0.46	U	87-86-5	Pentachlorophenol	0.46	U
56-55-3	Benzo[a]anthracene	0.093	U	85-01-8	Phenanthrene	0.093	U
50-32-8	Benzo[a]pyrene	0.093	U	108-95-2	Phenol	0.093	U
205-99-2	Benzo[b]fluoranthene	0.093	U	129-00-0	Pyrene	0.093	U

Worksheet #: 109913

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-001
Client Id: WB-2
Data File: 10M03183.D
Analysis Date: 02/24/09 20:10
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 72
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.70	0.61 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.04	85 JAB
3		unknown	4.75	0.37 JB
4	74685-29-3	9-Eicosene, (E)-	13.08	0.22 J

Worksheet #: 109913

Total Tentatively Identified Concentration 86

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-002
Client Id: WB-3
Data File: 10M03184.D
Analysis Date: 02/24/09 20:32
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.084	U	191-24-2	Benzo[g,h,i]perylene	0.084	U
122-66-7	1,2-Diphenylhydrazine	0.084	U	207-08-9	Benzo[k]fluoranthene	0.084	U
95-95-4	2,4,5-Trichlorophenol	0.084	U	65-85-0	Benzoic Acid	0.42	U
88-06-2	2,4,6-Trichlorophenol	0.084	U	111-91-1	bis(2-Chloroethoxy)methan	0.084	U
120-83-2	2,4-Dichlorophenol	0.084	U	111-44-4	bis(2-Chloroethyl)ether	0.084	U
105-67-9	2,4-Dimethylphenol	0.084	U	108-60-1	bis(2-chloroisopropyl)ether	0.084	U
51-28-5	2,4-Dinitrophenol	0.42	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.084	U
121-14-2	2,4-Dinitrotoluene	0.084	U	85-68-7	Butylbenzylphthalate	0.084	U
606-20-2	2,6-Dinitrotoluene	0.084	U	86-74-8	Carbazole	0.084	U
91-58-7	2-Chloronaphthalene	0.084	U	218-01-9	Chrysene	0.084	U
95-57-8	2-Chlorophenol	0.084	U	53-70-3	Dibenzo[a,h]anthracene	0.084	U
91-57-6	2-Methylnaphthalene	0.084	U	132-64-9	Dibenzofuran	0.084	U
95-48-7	2-Methylphenol	0.084	U	84-66-2	Diethylphthalate	0.084	U
88-74-4	2-Nitroaniline	0.084	U	131-11-3	Dimethylphthalate	0.084	U
88-75-5	2-Nitrophenol	0.084	U	84-74-2	Di-n-butylphthalate	0.084	U
106-44-5	3&4-Methylphenol	0.084	U	117-84-0	Di-n-octylphthalate	0.084	U
91-94-1	3,3'-Dichlorobenzidine	0.084	U	206-44-0	Fluoranthene	0.084	U
99-09-2	3-Nitroaniline	0.084	U	86-73-7	Fluorene	0.084	U
534-52-1	4,6-Dinitro-2-methylphenol	0.42	U	118-74-1	Hexachlorobenzene	0.084	U
101-55-3	4-Bromophenyl-phenylether	0.084	U	87-68-3	Hexachlorobutadiene	0.084	U
59-50-7	4-Chloro-3-methylphenol	0.084	U	77-47-4	Hexachlorocyclopentadiene	0.084	U
106-47-8	4-Chloroaniline	0.084	U	67-72-1	Hexachloroethane	0.084	U
7005-72-3	4-Chlorophenyl-phenylether	0.084	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.084	U
100-01-6	4-Nitroaniline	0.084	U	78-59-1	Isophorone	0.084	U
100-02-7	4-Nitrophenol	0.084	U	91-20-3	Naphthalene	0.084	U
83-32-9	Acenaphthene	0.084	U	98-95-3	Nitrobenzene	0.084	U
208-96-8	Acenaphthylene	0.084	U	62-75-9	N-Nitrosodimethylamine	0.084	U
62-53-3	Aniline	0.084	U	621-64-7	N-Nitroso-di-n-propylamine	0.084	U
120-12-7	Anthracene	0.084	U	86-30-6	n-Nitrosodiphenylamine	0.084	U
92-87-5	Benzidine	0.42	U	87-86-5	Pentachlorophenol	0.42	U
56-55-3	Benzo[a]anthracene	0.084	U	85-01-8	Phenanthrene	0.084	U
50-32-8	**Benzo[a]pyrene**	**0.084**	**0.45**	108-95-2	Phenol	0.084	U
205-99-2	Benzo[b]fluoranthene	0.084	U	129-00-0	Pyrene	0.084	U

Worksheet #: 109913

Total Target Concentration 0.45

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-002
Client Id: WB-3
Data File: 10M03184.D
Analysis Date: 02/24/09 20:32
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.70	0.52 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.04	76 JAB
3		unknown	4.75	0.32 JB
4	19047-85-9	Phosphonic acid, dioctadecyl ester	12.31	0.43 J
5	297-03-0	Cyclotetracosane	13.08	1.0 J

Worksheet #: 109913

Total Tentatively Identified Concentration 78

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-003
Client Id: WB-4
Data File: 10M03185.D
Analysis Date: 02/24/09 20:54
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.084	U	191-24-2	Benzo[g,h,i]perylene	0.084	U
122-66-7	1,2-Diphenylhydrazine	0.084	U	207-08-9	Benzo[k]fluoranthene	0.084	U
95-95-4	2,4,5-Trichlorophenol	0.084	U	65-85-0	Benzoic Acid	0.42	U
88-06-2	2,4,6-Trichlorophenol	0.084	U	111-91-1	bis(2-Chloroethoxy)methan	0.084	U
120-83-2	2,4-Dichlorophenol	0.084	U	111-44-4	bis(2-Chloroethyl)ether	0.084	U
105-67-9	2,4-Dimethylphenol	0.084	U	108-60-1	bis(2-chloroisopropyl)ether	0.084	U
51-28-5	2,4-Dinitrophenol	0.42	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.084	U
121-14-2	2,4-Dinitrotoluene	0.084	U	85-68-7	Butylbenzylphthalate	0.084	U
606-20-2	2,6-Dinitrotoluene	0.084	U	86-74-8	Carbazole	0.084	U
91-58-7	2-Chloronaphthalene	0.084	U	218-01-9	Chrysene	0.084	U
95-57-8	2-Chlorophenol	0.084	U	53-70-3	Dibenzo[a,h]anthracene	0.084	U
91-57-6	2-Methylnaphthalene	0.084	U	132-64-9	Dibenzofuran	0.084	U
95-48-7	2-Methylphenol	0.084	U	84-66-2	Diethylphthalate	0.084	U
88-74-4	2-Nitroaniline	0.084	U	131-11-3	Dimethylphthalate	0.084	U
88-75-5	2-Nitrophenol	0.084	U	84-74-2	Di-n-butylphthalate	0.084	U
106-44-5	3&4-Methylphenol	0.084	U	117-84-0	Di-n-octylphthalate	0.084	U
91-94-1	3,3'-Dichlorobenzidine	0.084	U	206-44-0	Fluoranthene	0.084	U
99-09-2	3-Nitroaniline	0.084	U	86-73-7	Fluorene	0.084	U
534-52-1	4,6-Dinitro-2-methylphenol	0.42	U	118-74-1	Hexachlorobenzene	0.084	U
101-55-3	4-Bromophenyl-phenylether	0.084	U	87-68-3	Hexachlorobutadiene	0.084	U
59-50-7	4-Chloro-3-methylphenol	0.084	U	77-47-4	Hexachlorocyclopentadiene	0.084	U
106-47-8	4-Chloroaniline	0.084	U	67-72-1	Hexachloroethane	0.084	U
7005-72-3	4-Chlorophenyl-phenylether	0.084	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.084	U
100-01-6	4-Nitroaniline	0.084	U	78-59-1	Isophorone	0.084	U
100-02-7	4-Nitrophenol	0.084	U	91-20-3	Naphthalene	0.084	U
83-32-9	Acenaphthene	0.084	U	98-95-3	Nitrobenzene	0.084	U
208-96-8	Acenaphthylene	0.084	U	62-75-9	N-Nitrosodimethylamine	0.084	U
62-53-3	Aniline	0.084	U	621-64-7	N-Nitroso-di-n-propylamine	0.084	U
120-12-7	Anthracene	0.084	U	86-30-6	n-Nitrosodiphenylamine	0.084	U
92-87-5	Benzidine	0.42	U	87-86-5	Pentachlorophenol	0.42	U
56-55-3	Benzo[a]anthracene	0.084	U	85-01-8	Phenanthrene	0.084	U
50-32-8	**Benzo[a]pyrene**	**0.084**	**2.0**	108-95-2	Phenol	0.084	U
205-99-2	Benzo[b]fluoranthene	0.084	U	129-00-0	Pyrene	0.084	U

Worksheet #: 109913

Total Target Concentration 2

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-003
Client Id: WB-4
Data File: 10M03185.D
Analysis Date: 02/24/09 20:54
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.70	0.52 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.04	77 JAB
3		unknown	4.75	0.32 JB
4	19047-85-9	Phosphonic acid, dioctadecyl ester	13.08	0.28 J

Worksheet #: 109913

Total Tentatively Identified Concentration 78

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 10M03186.D
Analysis Date: 02/24/09 21:16
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.084	U	191-24-2	Benzo[g,h,i]perylene	0.084	U
122-66-7	1,2-Diphenylhydrazine	0.084	U	207-08-9	Benzo[k]fluoranthene	0.084	U
95-95-4	2,4,5-Trichlorophenol	0.084	U	65-85-0	Benzoic Acid	0.42	U
88-06-2	2,4,6-Trichlorophenol	0.084	U	111-91-1	bis(2-Chloroethoxy)methan	0.084	U
120-83-2	2,4-Dichlorophenol	0.084	U	111-44-4	bis(2-Chloroethyl)ether	0.084	U
105-67-9	2,4-Dimethylphenol	0.084	U	108-60-1	bis(2-chloroisopropyl)ether	0.084	U
51-28-5	2,4-Dinitrophenol	0.42	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.084	U
121-14-2	2,4-Dinitrotoluene	0.084	U	85-68-7	Butylbenzylphthalate	0.084	U
606-20-2	2,6-Dinitrotoluene	0.084	U	86-74-8	Carbazole	0.084	U
91-58-7	2-Chloronaphthalene	0.084	U	218-01-9	Chrysene	0.084	U
95-57-8	2-Chlorophenol	0.084	U	53-70-3	Dibenzo[a,h]anthracene	0.084	U
91-57-6	2-Methylnaphthalene	0.084	U	132-64-9	Dibenzofuran	0.084	U
95-48-7	2-Methylphenol	0.084	U	84-66-2	Diethylphthalate	0.084	U
88-74-4	2-Nitroaniline	0.084	U	131-11-3	Dimethylphthalate	0.084	U
88-75-5	2-Nitrophenol	0.084	U	84-74-2	Di-n-butylphthalate	0.084	U
106-44-5	3&4-Methylphenol	0.084	U	117-84-0	Di-n-octylphthalate	0.084	U
91-94-1	3,3'-Dichlorobenzidine	0.084	U	206-44-0	Fluoranthene	0.084	U
99-09-2	3-Nitroaniline	0.084	U	86-73-7	Fluorene	0.084	U
534-52-1	4,6-Dinitro-2-methylphenol	0.42	U	118-74-1	Hexachlorobenzene	0.084	U
101-55-3	4-Bromophenyl-phenylether	0.084	U	87-68-3	Hexachlorobutadiene	0.084	U
59-50-7	4-Chloro-3-methylphenol	0.084	U	77-47-4	Hexachlorocyclopentadiene	0.084	U
106-47-8	4-Chloroaniline	0.084	U	67-72-1	Hexachloroethane	0.084	U
7005-72-3	4-Chlorophenyl-phenylether	0.084	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.084	U
100-01-6	4-Nitroaniline	0.084	U	78-59-1	Isophorone	0.084	U
100-02-7	4-Nitrophenol	0.084	U	91-20-3	Naphthalene	0.084	U
83-32-9	Acenaphthene	0.084	U	98-95-3	Nitrobenzene	0.084	U
208-96-8	Acenaphthylene	0.084	U	62-75-9	N-Nitrosodimethylamine	0.084	U
62-53-3	Aniline	0.084	U	621-64-7	N-Nitroso-di-n-propylamine	0.084	U
120-12-7	Anthracene	0.084	U	86-30-6	n-Nitrosodiphenylamine	0.084	U
92-87-5	Benzidine	0.42	U	87-86-5	Pentachlorophenol	0.42	U
56-55-3	Benzo[a]anthracene	0.084	U	85-01-8	Phenanthrene	0.084	U
50-32-8	Benzo[a]pyrene	0.084	U	108-95-2	Phenol	0.084	U
205-99-2	Benzo[b]fluoranthene	0.084	U	129-00-0	Pyrene	0.084	U

Worksheet #: 109913

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 10M03186.D
Analysis Date: 02/24/09 21:16
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.70	0.50 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.04	72 JAB
3		unknown	4.75	0.30 JB
4		unknown	10.64	0.18 J
5	69770-23-6	Benzaldehyde, 3-[4-(1,1-dimethylethyl)p	12.05	0.17 J
6	205-82-3	Benzo[j]fluoranthene	13.61	0.17 J
7	593-45-3	Octadecane	13.79	0.30 J
8	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	15.65	0.18 J
9		unknown	16.21	0.17 J

Worksheet #: 109913

Total Tentativelv Identified Concentration 74

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 10M03187.D
Analysis Date: 02/24/09 21:38
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.087	U	191-24-2	Benzo[g,h,*i*]perylene	0.087	U
122-66-7	1,2-Diphenylhydrazine	0.087	U	207-08-9	Benzo[k]fluoranthene	0.087	U
95-95-4	2,4,5-Trichlorophenol	0.087	U	65-85-0	Benzoic Acid	0.43	U
88-06-2	2,4,6-Trichlorophenol	0.087	U	111-91-1	bis(2-Chloroethoxy)methan	0.087	U
120-83-2	2,4-Dichlorophenol	0.087	U	111-44-4	bis(2-Chloroethyl)ether	0.087	U
105-67-9	2,4-Dimethylphenol	0.087	U	108-60-1	bis(2-chloroisopropyl)ether	0.087	U
51-28-5	2,4-Dinitrophenol	0.43	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.087	U
121-14-2	2,4-Dinitrotoluene	0.087	U	85-68-7	Butylbenzylphthalate	0.087	U
606-20-2	2,6-Dinitrotoluene	0.087	U	86-74-8	Carbazole	0.087	U
91-58-7	2-Chloronaphthalene	0.087	U	218-01-9	Chrysene	0.087	U
95-57-8	2-Chlorophenol	0.087	U	53-70-3	Dibenzo[a,h]anthracene	0.087	U
91-57-6	2-Methylnaphthalene	0.087	U	132-64-9	Dibenzofuran	0.087	U
95-48-7	2-Methylphenol	0.087	U	84-66-2	Diethylphthalate	0.087	U
88-74-4	2-Nitroaniline	0.087	U	131-11-3	Dimethylphthalate	0.087	U
88-75-5	2-Nitrophenol	0.087	U	84-74-2	Di-n-butylphthalate	0.087	U
106-44-5	3&4-Methylphenol	0.087	U	117-84-0	Di-n-octylphthalate	0.087	U
91-94-1	3,3'-Dichlorobenzidine	0.087	U	206-44-0	Fluoranthene	0.087	U
99-09-2	3-Nitroaniline	0.087	U	86-73-7	Fluorene	0.087	U
534-52-1	4,6-Dinitro-2-methylphenol	0.43	U	118-74-1	Hexachlorobenzene	0.087	U
101-55-3	4-Bromophenyl-phenylether	0.087	U	87-68-3	Hexachlorobutadiene	0.087	U
59-50-7	4-Chloro-3-methylphenol	0.087	U	77-47-4	Hexachlorocyclopentadiene	0.087	U
106-47-8	4-Chloroaniline	0.087	U	67-72-1	Hexachloroethane	0.087	U
7005-72-3	4-Chlorophenyl-phenylether	0.087	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.087	U
100-01-6	4-Nitroaniline	0.087	U	78-59-1	Isophorone	0.087	U
100-02-7	4-Nitrophenol	0.087	U	91-20-3	Naphthalene	0.087	U
83-32-9	Acenaphthene	0.087	U	98-95-3	Nitrobenzene	0.087	U
208-96-8	Acenaphthylene	0.087	U	62-75-9	N-Nitrosodimethylamine	0.087	U
62-53-3	Aniline	0.087	U	621-64-7	N-Nitroso-di-n-propylamine	0.087	U
120-12-7	Anthracene	0.087	U	86-30-6	n-Nitrosodiphenylamine	0.087	U
92-87-5	Benzidine	0.43	U	87-86-5	Pentachlorophenol	0.43	U
56-55-3	Benzo[a]anthracene	0.087	U	85-01-8	Phenanthrene	0.087	U
50-32-8	**Benzo[a]pyrene**	**0.087**	**0.73**	108-95-2	Phenol	0.087	U
205-99-2	Benzo[b]fluoranthene	0.087	U	129-00-0	Pyrene	0.087	U

Worksheet #: 109913

Total Target Concentration 0.73

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 10M03187.D
Analysis Date: 02/24/09 21:38
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 77
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.70	0.59 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.04	82 JAB
3		unknown	4.75	0.34 JB
4	2432-55-5	Butyric acid, thio-, S-decyl ester	8.32	0.19 J
5		unknown	12.19	0.30 J

Worksheet #: 109913

Total Tentatively Identified Concentration 83

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 5M49083.D
Analysis Date: 02/24/09 21:03
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 109909

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 5M49083.D
Analysis Date: 02/24/09 21:03
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109909

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-008
Client Id: WB-3 GW
Data File: 5M49084.D
Analysis Date: 02/24/09 21:25
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 109909

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-008
Client Id: WB-3 GW
Data File: 5M49084.D
Analysis Date: 02/24/09 21:25
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109909

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 5M49085.D
Analysis Date: 02/24/09 21:47
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 109909

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 5M49085.D
Analysis Date: 02/24/09 21:47
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109909

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-012
Client Id: FB U
Data File: 5M49086.D
Analysis Date: 02/24/09 22:09
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 109909

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-012
Client Id: FB U
Data File: 5M49086.D
Analysis Date: 02/24/09 22:09
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109909

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS PCB REPORT

Sample Number: AC42868-001
Client Id: WB-2
Data File: 2G42459.D
Analysis Date: 02/25/09 18:13
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 72

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.035	U	11097-69-1	Aroclor-1254	0.035	U
11104-28-2	Aroclor-1221	0.035	U	11096-82-5	Aroclor-1260	0.035	U
11141-16-5	Aroclor-1232	0.035	U	37324-23-5	Aroclor-1262	0.035	U
53469-21-9	Aroclor-1242	0.035	U	11100-14-4	Aroclor-1268	0.035	U
12672-29-6	Aroclor-1248	0.035	U	1336-36-3	Aroclor (Total)	0.035	U

Worksheet #: 110142

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42868-002
Client Id: WB-3
Data File: 2G42460.D
Analysis Date: 02/25/09 18:27
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.032	U	11097-69-1	Aroclor-1254	0.032	U
11104-28-2	Aroclor-1221	0.032	U	11096-82-5	Aroclor-1260	0.032	U
11141-16-5	Aroclor-1232	0.032	U	37324-23-5	Aroclor-1262	0.032	U
53469-21-9	Aroclor-1242	0.032	U	11100-14-4	Aroclor-1268	0.032	U
12672-29-6	Aroclor-1248	0.032	U	1336-36-3	Aroclor (Total)	0.032	U

Worksheet #: 110142

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42868-003
Client Id: WB-4
Data File: 2G42461.D
Analysis Date: 02/25/09 18:41
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.032	U	11097-69-1	Aroclor-1254	0.032	U
11104-28-2	Aroclor-1221	0.032	U	11096-82-5	Aroclor-1260	0.032	U
11141-16-5	Aroclor-1232	0.032	U	37324-23-5	Aroclor-1262	0.032	U
53469-21-9	Aroclor-1242	0.032	U	11100-14-4	Aroclor-1268	0.032	U
12672-29-6	Aroclor-1248	0.032	U	1336-36-3	Aroclor (Total)	0.032	U

Worksheet #: 110142

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 2G42462.D
Analysis Date: 02/25/09 18:55
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.032	U	11097-69-1	Aroclor-1254	0.032	U
11104-28-2	Aroclor-1221	0.032	U	11096-82-5	Aroclor-1260	0.032	U
11141-16-5	Aroclor-1232	0.032	U	37324-23-5	Aroclor-1262	0.032	U
53469-21-9	Aroclor-1242	0.032	U	11100-14-4	Aroclor-1268	0.032	U
12672-29-6	Aroclor-1248	0.032	U	1336-36-3	Aroclor (Total)	0.032	U

Worksheet #: 110142

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 2G42463.D
Analysis Date: 02/25/09 19:09
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.032	U	11097-69-1	Aroclor-1254	0.032	U
11104-28-2	Aroclor-1221	0.032	U	11096-82-5	Aroclor-1260	0.032	U
11141-16-5	Aroclor-1232	0.032	U	37324-23-5	Aroclor-1262	0.032	U
53469-21-9	Aroclor-1242	0.032	U	11100-14-4	Aroclor-1268	0.032	U
12672-29-6	Aroclor-1248	0.032	U	1336-36-3	Aroclor (Total)	0.032	U

Worksheet #: 110142

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 3G44590.D
Analysis Date: 02/25/09 10:10
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110014

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 3G44591.D
Analysis Date: 02/25/09 10:25
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110014

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42868-012
Client Id: FB U
Data File: 3G44592.D
Analysis Date: 02/25/09 10:40
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110014

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-001
Client Id: WB-2
Data File: 5G20763.D
Analysis Date: 02/25/09 14:37
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 72

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0069	U	7421-93-4	Endrin Aldehyde	0.0069	U
319-84-6	alpha-BHC	0.0014	U	53494-70-5	Endrin Ketone	0.0069	U
319-85-7	beta-BHC	0.0014	U	58-89-9	gamma-BHC	0.0014	U
57-74-9	Chlordane	0.014	U	76-44-8	Heptachlor	0.0069	U
319-86-8	delta-BHC	0.0069	U	1024-57-3	Heptachlor Epoxide	0.0069	U
60-57-1	Dieldrin	0.0014	U	72-43-5	Methoxychlor	0.0069	U
959-98-8	Endosulfan I	0.0069	U	72-54-8	p,p'-DDD	0.0035	U
33213-65-9	Endosulfan II	0.0069	U	72-55-9	p,p'-DDE	0.0035	U
1031-07-8	Endosulfan Sulfate	0.0069	U	50-29-3	p,p'-DDT	0.0035	U
72-20-8	Endrin	0.0069	U	8001-35-2	Toxaphene	0.035	U

Worksheet #: 110215

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-002
Client Id: WB-3
Data File: 5G20764.D
Analysis Date: 02/25/09 14:55
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0063	U	7421-93-4	Endrin Aldehyde	0.0063	U
319-84-6	alpha-BHC	0.0013	U	53494-70-5	Endrin Ketone	0.0063	U
319-85-7	beta-BHC	0.0013	U	58-89-9	gamma-BHC	0.0013	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0063	U
319-86-8	delta-BHC	0.0063	U	1024-57-3	Heptachlor Epoxide	0.0063	U
60-57-1	Dieldrin	0.0013	U	72-43-5	Methoxychlor	0.0063	U
959-98-8	Endosulfan I	0.0063	U	72-54-8	p,p'-DDD	0.0032	U
33213-65-9	Endosulfan II	0.0063	U	72-55-9	p,p'-DDE	0.0032	U
1031-07-8	Endosulfan Sulfate	0.0063	U	50-29-3	p,p'-DDT	0.0032	U
72-20-8	Endrin	0.0063	U	8001-35-2	Toxaphene	0.032	U

Worksheet #: 110215

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-003
Client Id: WB-4
Data File: 6G12796.D
Analysis Date: 02/26/09 14:12
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0063	U	7421-93-4	Endrin Aldehyde	0.0063	U
319-84-6	alpha-BHC	0.0013	U	53494-70-5	Endrin Ketone	0.0063	U
319-85-7	beta-BHC	0.0013	U	58-89-9	gamma-BHC	0.0013	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0063	U
319-86-8	delta-BHC	0.0063	U	1024-57-3	Heptachlor Epoxide	0.0063	U
60-57-1	Dieldrin	0.0013	U	72-43-5	Methoxychlor	0.0063	U
959-98-8	Endosulfan I	0.0063	U	72-54-8	p,p'-DDD	0.0032	U
33213-65-9	Endosulfan II	0.0063	U	72-55-9	p,p'-DDE	0.0032	U
1031-07-8	Endosulfan Sulfate	0.0063	U	50-29-3	p,p'-DDT	0.0032	U
72-20-8	Endrin	0.0063	U	8001-35-2	Toxaphene	0.032	U

Worksheet #: 110215

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 6G12775.D
Analysis Date: 02/26/09 05:02
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0063	U	7421-93-4	Endrin Aldehyde	0.0063	U
319-84-6	alpha-BHC	0.0013	U	53494-70-5	Endrin Ketone	0.0063	U
319-85-7	beta-BHC	0.0013	U	58-89-9	gamma-BHC	0.0013	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0063	U
319-86-8	delta-BHC	0.0063	U	1024-57-3	Heptachlor Epoxide	0.0063	U
60-57-1	Dieldrin	0.0013	U	72-43-5	Methoxychlor	0.0063	U
959-98-8	Endosulfan I	0.0063	U	72-54-8	p,p'-DDD	0.0032	U
33213-65-9	Endosulfan II	0.0063	U	72-55-9	p,p'-DDE	0.0032	U
1031-07-8	Endosulfan Sulfate	0.0063	U	50-29-3	p,p'-DDT	0.0032	U
72-20-8	Endrin	0.0063	U	8001-35-2	Toxaphene	0.032	U

Worksheet #: 110215

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 6G12776.D
Analysis Date: 02/26/09 05:17
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0065	U	7421-93-4	Endrin Aldehyde	0.0065	U
319-84-6	alpha-BHC	0.0013	U	53494-70-5	Endrin Ketone	0.0065	U
319-85-7	beta-BHC	0.0013	U	58-89-9	gamma-BHC	0.0013	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0065	U
319-86-8	delta-BHC	0.0065	U	1024-57-3	Heptachlor Epoxide	0.0065	U
60-57-1	Dieldrin	0.0013	U	72-43-5	Methoxychlor	0.0065	U
959-98-8	Endosulfan I	0.0065	U	72-54-8	p,p'-DDD	0.0032	U
33213-65-9	Endosulfan II	0.0065	U	72-55-9	p,p'-DDE	0.0032	U
1031-07-8	Endosulfan Sulfate	0.0065	U	50-29-3	p,p'-DDT	0.0032	U
72-20-8	Endrin	0.0065	U	8001-35-2	Toxaphene	0.032	U

Worksheet #: 110215

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 5G20754.D
Analysis Date: 02/25/09 10:25
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110089

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 5G20755.D
Analysis Date: 02/25/09 10:44
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110089

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-012
Client Id: FB U
Data File: 5G20756.D
Analysis Date: 02/25/09 11:02
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110089

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-001	% Solid:	72	Lab Name:	Veritech	Nras No:	
Client Id:	WB-2	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	280	13000	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7440-36-0	Antimony	2.8	ND	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-38-2	Arsenic	2.8	3.4	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-39-3	Barium	14	110	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-41-7	Beryllium	0.83	ND	100	02/25/09	9990	S9990B	30	P	PEICP1
7440-43-9	Cadmium	0.83	ND	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-70-2	Calcium	1400	ND	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7440-47-3	Chromium	6.9	25	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-48-4	Cobalt	3.5	9.3	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-50-8	Copper	6.9	15	100	02/24/09	9990	S9990A	30	P	PEICP1
7439-89-6	Iron	280	19000	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7439-92-1	Lead	6.9	8.5	100	02/24/09	9990	S9990A	30	P	PEICP1
7439-95-4	Magnesium	690	3600	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7439-96-5	Manganese	14	300	100	02/24/09	9990	S9990A	30	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	02/26/09	9990	H9990S	23	CV	HGCV1
7440-02-0	Nickel	6.9	16	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-09-7	Potassium	690	760	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7782-49-2	Selenium	2.5	ND	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-22-4	Silver	2.1	ND	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-23-5	Sodium	350	ND	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7440-28-0	Thallium	1.7	ND	100	02/25/09	9990	S9990B	30	P	PEICP1
7440-62-2	Vanadium	14	25	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-66-6	Zinc	14	44	100	02/24/09	9990	S9990A	30	P	PEICP1

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-002	% Solid:	79	Lab Name:	Veritech	Nras No:	
Client Id:	WB-3	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	250	13000	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7440-36-0	Antimony	2.5	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-38-2	Arsenic	2.5	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-39-3	Barium	13	110	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-41-7	Beryllium	0.76	ND	100	02/25/09	9990	S9990B	31	P	PEICP1
7440-43-9	Cadmium	0.76	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-70-2	Calcium	1300	1300	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7440-47-3	Chromium	6.3	36	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-48-4	Cobalt	3.2	9.4	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-50-8	Copper	6.3	13	100	02/24/09	9990	S9990A	31	P	PEICP1
7439-89-6	Iron	250	15000	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7439-92-1	Lead	6.3	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7439-95-4	Magnesium	630	3600	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7439-96-5	Manganese	13	120	100	02/24/09	9990	S9990A	31	P	PEICP1
7439-97-6	Mercury	0.11	ND	167	02/26/09	9990	H9990S	24	CV	HGCV1
7440-02-0	Nickel	6.3	22	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-09-7	Potassium	630	710	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7782-49-2	Selenium	2.3	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-22-4	Silver	1.9	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-23-5	Sodium	320	ND	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7440-28-0	Thallium	1.5	ND	100	02/25/09	9990	S9990B	31	P	PEICP1
7440-62-2	Vanadium	13	30	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-66-6	Zinc	13	39	100	02/24/09	9990	S9990A	31	P	PEICP1

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-003	% Solid:	79	Lab Name:	Veritech	Nras No:	
Client Id:	WB-4	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	250	6800	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7440-36-0	Antimony	2.5	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-38-2	Arsenic	2.5	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-39-3	Barium	13	41	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-41-7	Beryllium	0.76	ND	100	02/25/09	9990	S9990B	32	P	PEICP1
7440-43-9	Cadmium	0.76	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-70-2	Calcium	1300	ND	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7440-47-3	Chromium	6.3	19	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-48-4	Cobalt	3.2	5.8	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-50-8	Copper	6.3	7.3	100	02/24/09	9990	S9990A	32	P	PEICP1
7439-89-6	Iron	250	8800	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7439-92-1	Lead	6.3	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7439-95-4	Magnesium	630	2700	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7439-96-5	Manganese	13	110	100	02/24/09	9990	S9990A	32	P	PEICP1
7439-97-6	Mercury	0.11	ND	167	02/26/09	9990	H9990S	25	CV	HGCV1
7440-02-0	Nickel	6.3	11	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-09-7	Potassium	630	650	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7782-49-2	Selenium	2.3	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-22-4	Silver	1.9	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-23-5	Sodium	320	ND	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7440-28-0	Thallium	1.5	ND	100	02/25/09	9990	S9990B	32	P	PEICP1
7440-62-2	Vanadium	13	18	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-66-6	Zinc	13	29	100	02/24/09	9990	S9990A	32	P	PEICP1

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-004	% Solid:	79	Lab Name:	Veritech	Nras No:	
Client Id:	MW-6S	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	250	7900	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7440-36-0	Antimony	2.5	ND	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-38-2	Arsenic	2.5	ND	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-39-3	Barium	13	76	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-41-7	Beryllium	0.76	ND	100	02/25/09	9990	S9990B	33	P	PEICP1
7440-43-9	Cadmium	0.76	ND	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-70-2	Calcium	1300	4500	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7440-47-3	Chromium	6.3	17	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-48-4	Cobalt	3.2	7.4	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-50-8	Copper	6.3	19	100	02/24/09	9990	S9990A	33	P	PEICP1
7439-89-6	Iron	250	13000	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7439-92-1	Lead	6.3	61	100	02/24/09	9990	S9990A	33	P	PEICP1
7439-95-4	Magnesium	630	4600	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7439-96-5	Manganese	13	260	100	02/24/09	9990	S9990A	33	P	PEICP1
7439-97-6	Mercury	0.11	0.14	167	02/26/09	9990	H9990S	26	CV	HGCV1
7440-02-0	Nickel	6.3	12	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-09-7	Potassium	630	1900	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7782-49-2	Selenium	2.3	ND	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-22-4	Silver	1.9	ND	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-23-5	Sodium	320	ND	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7440-28-0	Thallium	1.5	ND	100	02/25/09	9990	S9990B	33	P	PEICP1
7440-62-2	Vanadium	13	21	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-66-6	Zinc	13	45	100	02/24/09	9990	S9990A	33	P	PEICP1

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-005	% Solid:	77	Lab Name:	Veritech	Nras No:	
Client Id:	MW-7S	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	260	11000	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7440-36-0	Antimony	2.6	ND	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-38-2	Arsenic	2.6	ND	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-39-3	Barium	13	98	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-41-7	Beryllium	0.78	ND	100	02/25/09	9990	S9990B	34	P	PEICP1
7440-43-9	Cadmium	0.78	ND	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-70-2	Calcium	1300	1900	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7440-47-3	Chromium	6.5	36	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-48-4	Cobalt	3.2	6.9	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-50-8	Copper	6.5	9.9	100	02/24/09	9990	S9990A	34	P	PEICP1
7439-89-6	Iron	260	11000	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7439-92-1	Lead	6.5	7.0	100	02/24/09	9990	S9990A	34	P	PEICP1
7439-95-4	Magnesium	650	3800	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7439-96-5	Manganese	13	110	100	02/24/09	9990	S9990A	34	P	PEICP1
7439-97-6	Mercury	0.11	ND	167	02/26/09	9990	H9990S	27	CV	HGCV1
7440-02-0	Nickel	6.5	17	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-09-7	Potassium	650	840	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7782-49-2	Selenium	2.3	ND	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-22-4	Silver	1.9	ND	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-23-5	Sodium	320	ND	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7440-28-0	Thallium	1.6	ND	100	02/25/09	9990	S9990B	34	P	PEICP1
7440-62-2	Vanadium	13	24	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-66-6	Zinc	13	41	100	02/24/09	9990	S9990A	34	P	PEICP1

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-006	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	WB-2 GW U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	1700	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-39-3	Barium	25	54	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-70-2	Calcium	1000	25000	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7439-89-6	Iron	150	4500	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7439-92-1	Lead	5.0	15	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7439-95-4	Magnesium	1000	24000	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7439-96-5	Manganese	25	290	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/26/09	9987	H9987A	23	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-09-7	Potassium	2500	13000	0.5	02/25/09	9987	A9987B2	21	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-23-5	Sodium	2500	120000	0.5	02/25/09	9987	A9987B2	21	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-66-6	Zinc	25	31	0.5	02/26/09	9987	A9987C2	34	P	PEICP2

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-007	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	WB-2 GW F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-39-3	Barium	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-70-2	Calcium	1000	23000	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7439-89-6	Iron	150	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7439-95-4	Magnesium	1000	22000	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7439-96-5	Manganese	25	240	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/26/09	9987	H9987A	24	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-09-7	Potassium	2500	13000	0.5	02/25/09	9987	A9987B2	22	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-23-5	Sodium	2500	120000	0.5	02/25/09	9987	A9987B2	22	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-009	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	WB-4 GW U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	7400	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-39-3	Barium	25	130	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-70-2	Calcium	1000	42000	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7439-89-6	Iron	150	8900	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7439-92-1	Lead	5.0	5.2	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7439-95-4	Magnesium	1000	20000	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7439-96-5	Manganese	25	370	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/26/09	9987	H9987A	25	CV	HGCV1
7440-02-0	Nickel	10	11	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-09-7	Potassium	2500	6500	0.5	02/25/09	9987	A9987B2	23	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-23-5	Sodium	2500	33000	0.5	02/25/09	9987	A9987B2	23	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-66-6	Zinc	25	31	0.5	02/26/09	9987	A9987C2	37	P	PEICP2

Comments: _____

Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-010	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	WB-4 GW F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-39-3	Barium	25	94	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-70-2	Calcium	1000	43000	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7439-89-6	Iron	150	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7439-95-4	Magnesium	1000	17000	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7439-96-5	Manganese	25	290	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7439-97-6	Mercury	0.20	0.28	1	02/26/09	9987	H9987A	26	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-09-7	Potassium	2500	5700	0.5	02/25/09	9987	A9987B2	24	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-23-5	Sodium	2500	34000	0.5	02/25/09	9987	A9987B2	24	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-012	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-39-3	Barium	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-70-2	Calcium	1000	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7439-89-6	Iron	150	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7439-95-4	Magnesium	1000	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7439-96-5	Manganese	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/26/09	9987	H9987A	27	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	02/25/09	9987	A9987B2	25	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-23-5	Sodium	2500	ND	0.5	02/25/09	9987	A9987B2	25	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-013	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-39-3	Barium	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-70-2	Calcium	1000	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7439-89-6	Iron	150	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7439-95-4	Magnesium	1000	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7439-96-5	Manganese	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/26/09	9987	H9987A	28	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	02/25/09	9987	A9987B2	30	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-23-5	Sodium	2500	ND	0.5	02/25/09	9987	A9987B2	30	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2

Comments: _____

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Flag Codes:

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

VERITECH Wet Chem Form1 Analysis Summary

Lab#: AC42868-001 | Project Number: 9022301
Matrix: Soil | Received Date: 2/20/2009
Client SampleID: WB-2 | Collect Date: 2/20/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-S-9012	1	ND	mg/kg	0.35	02/27/09	02/27/09

Lab#: AC42868-002 | Project Number: 9022301
Matrix: Soil | Received Date: 2/20/2009
Client SampleID: WB-3 | Collect Date: 2/19/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-S-9012	1	ND	mg/kg	0.32	02/27/09	02/27/09

Lab#: AC42868-003 | Project Number: 9022301
Matrix: Soil | Received Date: 2/20/2009
Client SampleID: WB-4 | Collect Date: 2/19/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-S-9012	1	ND	mg/kg	0.32	02/27/09	02/27/09

Lab#: AC42868-004 | Project Number: 9022301
Matrix: Soil | Received Date: 2/20/2009
Client SampleID: MW-6S | Collect Date: 2/20/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-S-9012	1	ND	mg/kg	0.32	02/27/09	02/27/09

Lab#: AC42868-005 | Project Number: 9022301
Matrix: Soil | Received Date: 2/20/2009
Client SampleID: MW-7S | Collect Date: 2/19/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-S-9012	1	ND	mg/kg	0.32	02/27/09	02/27/09

Lab#: AC42868-006 | Project Number: 9022301
Matrix: Aqueous | Received Date: 2/20/2009
Client SampleID: WB-2 GW U | Collect Date: 2/20/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-WATER-MUR	1	ND	mg/l	0.01	02/24/09	02/24/09

Lab#: AC42868-009 | Project Number: 9022301
Matrix: Aqueous | Received Date: 2/20/2009
Client SampleID: WB-4 GW U | Collect Date: 2/20/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-WATER-MUR	1	ND	mg/l	0.01	02/24/09	02/24/09

Lab#: AC42868-012 | Project Number: 9022301
Matrix: Aqueous | Received Date: 2/20/2009
Client SampleID: FB U | Collect Date: 2/20/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-WATER-MUR	1	ND	mg/l	0.01	02/24/09	02/24/09

VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 9022301**

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	PQL	Prep Date	Analysis Date	Received Date	Collect Date
AC42868-001	WB-2	Soil	1	72	Percent			02/24/09	02/20/09	02/20/09
AC42868-002	WB-3	Soil	1	79	Percent			02/24/09	02/20/09	02/19/09
AC42868-003	WB-4	Soil	1	79	Percent			02/24/09	02/20/09	02/19/09
AC42868-004	MW-6S	Soil	1	79	Percent			02/24/09	02/20/09	02/20/09
AC42868-005	MW-7S	Soil	1	77	Percent			02/24/09	02/20/09	02/19/09

Chain of Custody Forms

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

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

Project#(Lab Use Only) 9022301

Page 1 of 2

575 US Hwy 46 West, Fairfield, New Jersey 07004 & 1275 Bloomfield Avenue, Building 3, Unit 50A, Fairfield, New Jersey 07004

ELAC/NJ# 07071/07069 CT# PH-0671 MA# NJ386 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

3) Reporting Requirements(please circle)

Customer Information

1a) Customer: Whitestone Associates, Inc.
Address: 35 Technology Drive
Warren, NJ
1b) Email/Cell/Fax/Ph: 908 668 7777
1c) Send Invoice To: Whitestone
1d) Send Report To: Whitestone

Project Information

2a) Project: EJ08107744.001
2b) Project Manager: KT
2c) Location (City/State): Tarrytown, NY
2d) Quote#/PO# (If Applicable):

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

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

7) Analysis Request

FOR LAB USE ONLY

Batch# AC42868

Check if Contingent===>

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

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	VOC	SVOC	TCL + 30	TAL Metals*	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-001	WB-2	S	2/20/09	9:55					X	X	4								
-002	WB-3	S	2/19/09	11:50					X	X	4								
-003	WB-4	S	2/19/09	10:05					X	X	4								
-004	MW-6S	S	2/20/09	13:00					X	X	4								
-005	MW-7S	S	2/19/09	14:30					X	X	4								
-006/007	WB-2GW U/F	GW	2/20/09	11:06					X	X	4			1	3	&	1		
-008	WB-3GW	GW	2/19/09	13:10			X	X			2				3				
-009/010	WB-4GW U/F	GW	2/20/09	11:33					X	X	4			1	5		1		
-011	DUP-1GW	GW	2/19/09	13:15			Ⓐ	~~X~~			2				3				
-012/013	FB U/F	B	~~2/19/09~~ 2/20/09	13:45					X	X	4			1	3		1		

10) Relinquished By:	Accepted By	Date	Time
Erik Colonna Romano	Rick Daniel-Boyle	02/20/09	1645
Rick Daniel-Boyle	[illegible]	02/20/09	1805

Comments, Notes, Special Requirements, HAZARDS

* filtered and unfiltered for groundwater
Ⓐ = on hold

11) Sampler: Erik Colonna Romano Date: 2/20/09

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

Cooler Tmp: 3.4° 3.0° 2.9°

Veritech/Division of Hampton-Clarke — **CHAIN OF CUSTODY RECORD** — Ph: 800-426-9992 Fax: 973-439-1458

175 US Hwy 46 West, Fairfield, New Jersey 07004 & 1275 Bloomfield Avenue, Building 3, Unit 50A, Fairfield, New Jersey 07004

Project#(Lab Use Only)

Page 2 of 2

NELAC/NJ# 07071/07069 CT# PH-0671 MA# NJ386 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

LOG 00

3) Reporting Requirements(please circle)

Customer Information

1a) Customer: Whitestone Associates, Inc.
Address: 35 Technology Drive
Warren, NJ
1b) Email/Cell/Fax/Ph: 908 668 7777
1c) Send Invoice To: Whitestone
1d) Send Report To: Whitestone

Project Information

2a) Project: EJ0810744.001
2b) Project Manager: KT
2c) Location (City/State): Tarrytown, NY
2d) Quote#/PO# (If Applicable):

Turnaround Time

24-Hour(100%)
48-Hour(75%)
72-Hour (50%)
4 Day (TPH)
(1-Week(25%))
10 Days(10%)
Standard
Other:

Report type

Data Sum
Waste
Red-NJ/NY/PA
CLP
(Full/Cat-B)
Cat-A
Other:

Electronic Deliv

Hazsite/Csv
Equis
Excel-NJCC
(Excel-Nytags)
Excel-PAActII
(PDF)
Other:

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

7) Analysis Request

FOR LAB USE ONLY

Batch# AC42868

Lab Sample#

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

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

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	VOC	SVOC	TCL + 30	TAL Metals	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-014	TB	B	2/17/09				X								3				

10) Relinquished By:

Relinquished By:	Accepted By	Date	Time
Erik Colonna-Romano	Rick Davis	02/20/09	1645
Rick Davis	FedEx	02/20/09	1805

Comments, Notes, Special Requirements, HAZARDS

11) Sampler: Erik Colonna-Romano Date: 2/20/09

Cooler Temp: 3.4 / 3.0 / 2.9

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

CONDITION UPON RECEIPT

Batch Number AC42868 Entered By: Frantz
Date Entered 2/23/2009 8:48:00 AM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	Yes	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container (in degC) 3.4,3.0,2.9
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	NO	Are samples preserved correctly?
12	NA	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

PRESERVATION DOCUMENT

Batch Number AC42868

Entered By: Frantz

Date Entered 2/23/2009 8:44:00 AM

Lab#:	Container Siz	Container Typ	Paramete	Preservative	PH
AC42868-001	NA	NA	NA	NA	NA
AC42868-001	NA	NA	NA	NA	NA
AC42868-001	NA	NA	NA	NA	NA
AC42868-001	NA	NA	NA	NA	NA
AC42868-002	NA	NA	NA	NA	NA
AC42868-002	NA	NA	NA	NA	NA
AC42868-002	NA	NA	NA	NA	NA
AC42868-002	NA	NA	NA	NA	NA
AC42868-003	NA	NA	NA	NA	NA
AC42868-003	NA	NA	NA	NA	NA
AC42868-003	NA	NA	NA	NA	NA
AC42868-003	NA	NA	NA	NA	NA
AC42868-004	NA	NA	NA	NA	NA
AC42868-004	NA	NA	NA	NA	NA
AC42868-004	NA	NA	NA	NA	NA
AC42868-004	NA	NA	NA	NA	NA
AC42868-005	NA	NA	NA	NA	NA
AC42868-005	NA	NA	NA	NA	NA
AC42868-005	NA	NA	NA	NA	NA
AC42868-005	NA	NA	NA	NA	NA
AC42868-006	40ml	G	VO+10	HCL	1
AC42868-006	1L	P	METALS	HNO3	1
AC42868-006	1L	G	PEST	NONE	7
AC42868-006	500ml	G	CN	NaOH	14
AC42868-007	NA	NA	NA	NA	NA
AC42868-007	NA	NA	NA	NA	NA
AC42868-007	NA	NA	NA	NA	NA
AC42868-007	NA	NA	NA	NA	NA
AC42868-008	40ml	G	VO+10	HCL	1
AC42868-009	40ml	G	VO+10	HCL	1
AC42868-009	1L	P	METALS	HNO3	1
AC42868-009	1L	G	PEST	NONE	7
AC42868-009	500ml	G	CN	NaOH	14
AC42868-010	NA	NA	NA	NA	NA
AC42868-010	NA	NA	NA	NA	NA
AC42868-010	NA	NA	NA	NA	NA
AC42868-010	NA	NA	NA	NA	NA
AC42868-011	40ml	G	VO+10	HCL	1
AC42868-012	40ml	G	VO+10	HCL	1
AC42868-012	1L	P	METALS	HNO3	1
AC42868-012	1L	G	PEST	NONE	7
AC42868-012	500ml	G	CN	NaOH	14
AC42868-013	NA	NA	NA	NA	NA
AC42868-013	NA	NA	NA	NA	NA
AC42868-013	NA	NA	NA	NA	NA
AC42868-013	NA	NA	NA	NA	NA
AC42868-014	40ml	G	VO+10	HCL	1
AC42868-014	NA	NA	NA	NA	NA
AC42868-014	NA	NA	NA	NA	NA
AC42868-014	NA	NA	NA	NA	NA

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC42868-001	02/20/09 18:05	FRAN	0	M	Received
AC42868-001	02/23/09 08:44	FRAN	0	M	Login
AC42868-001	02/23/09 09:07	R12	1	A	NONE
AC42868-001	02/24/09 08:55	SDL	1	A	MIXING
AC42868-001	02/24/09 14:17	PM	1	A	%SOLIDS
AC42868-001	02/24/09 14:38	R12	1	A	NONE
AC42868-001	02/23/09 09:07	R12	2	A	NONE
AC42868-001	02/24/09 08:31	MANSI	2	A	S,BNA
AC42868-001	02/24/09 08:34	R12	2	A	NONE
AC42868-001	02/24/09 08:35	MANSI	2	A	S,BNA
AC42868-001	02/24/09 12:37	MR	2	A	TDSI/HG
AC42868-001	02/24/09 15:58	R12	2	A	NONE
AC42868-001	02/25/09 08:48	JOLA	2	A	S,PCB/PE
AC42868-001	02/25/09 11:39	R12	2	A	NONE
AC42868-001	02/27/09 09:19	HS	2	A	CN-S
AC42868-001	02/27/09 13:05	R12	2	A	NONE
AC42868-001	02/23/09 09:07	R12	3	A	NONE
AC42868-001	02/23/09 15:05	R21	4	A	NONE
AC42868-001	02/25/09 11:23	WP	4	A	voa
AC42868-001	02/25/09 12:26	SG	4	A	voa
AC42868-001	02/25/09 13:10	R21	4	A	NONE
AC42868-001	02/25/09 14:32	R21	4	A	NONE
AC42868-001	02/26/09 09:25	SG	4	A	VOA
AC42868-001	02/26/09 09:35	R21	4	A	NONE
AC42868-002	02/20/09 18:05	FRAN	0	M	Received
AC42868-002	02/23/09 08:44	FRAN	0	M	Login
AC42868-002	02/23/09 09:07	R12	1	A	NONE
AC42868-002	02/24/09 08:31	MANSI	1	A	S,BNA
AC42868-002	02/24/09 08:34	R12	1	A	NONE
AC42868-002	02/24/09 08:35	MANSI	1	A	S,BNA
AC42868-002	02/24/09 12:37	MR	1	A	TDSI/HG
AC42868-002	02/24/09 15:58	R12	1	A	NONE
AC42868-002	02/25/09 08:48	JOLA	1	A	S,PCB/PE
AC42868-002	02/25/09 11:39	R12	1	A	NONE
AC42868-002	02/27/09 09:19	HS	1	A	CN-S
AC42868-002	02/27/09 13:05	R12	1	A	NONE
AC42868-002	02/23/09 09:07	R12	2	A	NONE
AC42868-002	02/24/09 08:55	SDL	2	A	MIXING
AC42868-002	02/24/09 14:17	PM	2	A	%SOLIDS
AC42868-002	02/24/09 14:38	R12	2	A	NONE
AC42868-002	02/23/09 09:07	R12	3	A	NONE
AC42868-002	02/23/09 15:05	R21	4	A	NONE
AC42868-002	02/25/09 11:23	WP	4	A	voa
AC42868-002	02/25/09 12:26	SG	4	A	voa
AC42868-002	02/25/09 13:10	R21	4	A	NONE
AC42868-002	02/25/09 14:32	R21	4	A	NONE
AC42868-003	02/20/09 18:05	FRAN	0	M	Received
AC42868-003	02/23/09 08:44	FRAN	0	M	Login
AC42868-003	02/23/09 09:07	R12	1	A	NONE
AC42868-003	02/24/09 08:55	SDL	1	A	MIXING
AC42868-003	02/24/09 14:17	PM	1	A	%SOLIDS
AC42868-003	02/24/09 14:38	R12	1	A	NONE
AC42868-003	02/23/09 09:07	R12	2	A	NONE
AC42868-003	02/24/09 08:31	MANSI	2	A	S,BNA
AC42868-003	02/24/09 08:34	R12	2	A	NONE
AC42868-003	02/24/09 08:35	MANSI	2	A	S,BNA
AC42868-003	02/24/09 12:37	MR	2	A	TDSI/HG
AC42868-003	02/24/09 15:58	R12	2	A	NONE
AC42868-003	02/25/09 08:48	JOLA	2	A	S,PCB/PE
AC42868-003	02/25/09 11:39	R12	2	A	NONE
AC42868-003	02/27/09 09:19	HS	2	A	CN-S
AC42868-003	02/27/09 13:05	R12	2	A	NONE
AC42868-003	02/23/09 09:07	R12	3	A	NONE
AC42868-003	02/23/09 15:05	R21	4	A	NONE
AC42868-003	02/25/09 11:23	WP	4	A	voa
AC42868-003	02/25/09 14:32	R21	4	A	NONE
AC42868-004	02/20/09 18:05	FRAN	0	M	Received
AC42868-004	02/23/09 08:44	FRAN	0	M	Login
AC42868-004	02/23/09 09:07	R12	1	A	NONE
AC42868-004	02/24/09 08:31	MANSI	1	A	S,BNA
AC42868-004	02/24/09 08:34	R12	1	A	NONE
AC42868-004	02/24/09 08:35	MANSI	1	A	S,BNA
AC42868-004	02/24/09 12:37	MR	1	A	TDSI/HG
AC42868-004	02/24/09 15:58	R12	1	A	NONE
AC42868-004	02/25/09 08:48	JOLA	1	A	S,PCB/PE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC42868-004	02/25/09 11:39	R12	1	A	NONE
AC42868-004	02/27/09 09:19	HS	1	A	CN-S
AC42868-004	02/27/09 13:05	R12	1	A	NONE
AC42868-004	02/23/09 09:07	R12	2	A	NONE
AC42868-004	02/24/09 08:55	SDL	2	A	MIXING
AC42868-004	02/24/09 14:17	PM	2	A	%SOLIDS
AC42868-004	02/24/09 14:38	R12	2	A	NONE
AC42868-004	02/23/09 09:07	R12	3	A	NONE
AC42868-004	02/23/09 15:05	R21	4	A	NONE
AC42868-004	02/25/09 11:23	WP	4	A	voa
AC42868-004	02/25/09 14:32	R21	4	A	NONE
AC42868-005	02/20/09 18:05	FRAN	0	M	Received
AC42868-005	02/23/09 08:44	FRAN	0	M	Login
AC42868-005	02/23/09 09:07	R12	1	A	NONE
AC42868-005	02/23/09 09:07	R12	2	A	NONE
AC42868-005	02/24/09 08:31	MANSI	2	A	S,BNA
AC42868-005	02/24/09 08:34	R12	2	A	NONE
AC42868-005	02/24/09 08:35	MANSI	2	A	S,BNA
AC42868-005	02/24/09 12:37	MR	2	A	TDSI/HG
AC42868-005	02/24/09 15:58	R12	2	A	NONE
AC42868-005	02/25/09 08:48	JOLA	2	A	S,PCB/PE
AC42868-005	02/25/09 11:39	R12	2	A	NONE
AC42868-005	02/27/09 09:19	HS	2	A	CN-S
AC42868-005	02/27/09 13:05	R12	2	A	NONE
AC42868-005	02/23/09 09:07	R12	3	A	NONE
AC42868-005	02/24/09 08:55	SDL	3	A	MIXING
AC42868-005	02/24/09 14:17	PM	3	A	%SOLIDS
AC42868-005	02/24/09 14:38	R12	3	A	NONE
AC42868-005	02/23/09 15:05	R21	4	A	NONE
AC42868-005	02/25/09 11:23	WP	4	A	voa
AC42868-005	02/25/09 14:32	R21	4	A	NONE
AC42868-006	02/20/09 18:05	FRAN	0	M	Received
AC42868-006	02/23/09 08:44	FRAN	0	M	Login
AC42868-006	02/23/09 15:03	R22	1	A	NONE
AC42868-006	02/24/09 10:21	WP	1	A	voa
AC42868-006	02/23/09 15:03	R22	2	A	NONE
AC42868-006	02/23/09 15:03	R22	4	A	NONE
AC42868-006	02/23/09 15:03	R22	5	A	NONE
AC42868-006	02/23/09 15:03	R22	6	A	NONE
AC42868-006	02/23/09 09:07	R12	7	A	NONE
AC42868-006	02/24/09 12:00	HS	7	A	CN-W
AC42868-006	02/24/09 15:54	R12	7	A	NONE
AC42868-006	02/23/09 09:07	R12	8	A	NONE
AC42868-006	02/25/09 13:30	MR	8	A	TDSW/HG
AC42868-006	02/25/09 13:31	R12	8	A	NONE
AC42868-006	02/23/09 09:07	R12	9	A	NONE
AC42868-006	02/23/09 09:07	R12	10	A	NONE
AC42868-006	02/24/09 10:22	KALPE	10	A	S-BNA
AC42868-006	02/24/09 10:31	KALPE	10	A	A-P/P
AC42868-006	02/23/09 09:07	R12	11	A	NONE
AC42868-006	02/23/09 09:07	R12	12	A	NONE
AC42868-006	02/24/09 09:12	JOLA	12	A	A,BNA/BN
AC42868-007	02/20/09 18:05	FRAN	0	M	Received
AC42868-007	02/23/09 08:44	FRAN	0	M	Login
AC42868-007	02/23/09 09:07	R12	1	A	NONE
AC42868-007	02/24/09 13:57	MR	1	A	LAB FILTER
AC42868-007	02/24/09 13:58	R12	1	A	NONE
AC42868-007	02/25/09 13:30	MR	1	A	TDSW/HG
AC42868-007	02/25/09 13:31	R12	1	A	NONE
AC42868-008	02/20/09 18:05	FRAN	0	M	Received
AC42868-008	02/23/09 08:44	FRAN	0	M	Login
AC42868-008	02/23/09 15:03	R22	1	A	NONE
AC42868-008	02/24/09 10:21	WP	1	A	voa
AC42868-008	02/23/09 15:03	R22	2	A	NONE
AC42868-008	02/23/09 09:07	R12	4	A	NONE
AC42868-008	02/23/09 09:07	R12	5	A	NONE
AC42868-008	02/24/09 09:12	JOLA	5	A	A,BNA/BN
AC42868-009	02/20/09 18:05	FRAN	0	M	Received
AC42868-009	02/23/09 08:44	FRAN	0	M	Login
AC42868-009	02/23/09 15:03	R22	1	A	NONE
AC42868-009	02/24/09 10:21	WP	1	A	voa
AC42868-009	02/23/09 15:03	R22	2	A	NONE
AC42868-009	02/23/09 09:07	R12	4	A	NONE
AC42868-009	02/24/09 12:00	HS	4	A	CN-W
AC42868-009	02/24/09 15:54	R12	4	A	NONE

Samples marked as received are stored in coolers or refrigerator R12, R3, or R24 at 4 deg C until Login

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC42868-009	02/23/09 09:07	R12	5	A	NONE
AC42868-009	02/25/09 13:30	MR	5	A	TDSW/HG
AC42868-009	02/25/09 13:31	R12	5	A	NONE
AC42868-009	02/23/09 09:07	R12	6	A	NONE
AC42868-009	02/24/09 09:12	JOLA	6	A	A,BNA/BN
AC42868-009	02/23/09 09:07	R12	7	A	NONE
AC42868-009	02/23/09 09:07	R12	8	A	NONE
AC42868-009	02/24/09 10:22	KALPE	8	A	S-BNA
AC42868-009	02/24/09 10:31	KALPE	8	A	A-P/P
AC42868-009	02/23/09 09:07	R12	9	A	NONE
AC42868-010	02/20/09 18:05	FRAN	0	M	Received
AC42868-010	02/23/09 08:44	FRAN	0	M	Login
AC42868-010	02/23/09 09:07	R12	1	A	NONE
AC42868-010	02/24/09 13:57	MR	1	A	LAB FILTER
AC42868-010	02/24/09 13:58	R12	1	A	NONE
AC42868-010	02/25/09 13:30	MR	1	A	TDSW/HG
AC42868-010	02/25/09 13:31	R12	1	A	NONE
AC42868-011	02/20/09 18:05	FRAN	0	M	Received
AC42868-011	02/23/09 08:44	FRAN	0	M	Login
AC42868-011	02/23/09 15:03	R22	1	A	NONE
AC42868-011	02/23/09 15:03	R22	2	A	NONE
AC42868-011	02/23/09 09:07	R12	4	A	NONE
AC42868-011	02/23/09 09:07	R12	5	A	NONE
AC42868-012	02/20/09 18:05	FRAN	0	M	Received
AC42868-012	02/23/09 08:44	FRAN	0	M	Login
AC42868-012	02/23/09 15:03	R22	1	A	NONE
AC42868-012	02/24/09 10:21	WP	1	A	voa
AC42868-012	02/23/09 15:03	R22	2	A	NONE
AC42868-012	02/23/09 09:07	R12	4	A	NONE
AC42868-012	02/24/09 12:00	HS	4	A	CN-W
AC42868-012	02/24/09 15:54	R12	4	A	NONE
AC42868-012	02/23/09 09:07	R12	5	A	NONE
AC42868-012	02/25/09 13:30	MR	5	A	TDSW/HG
AC42868-012	02/25/09 13:31	R12	5	A	NONE
AC42868-012	02/23/09 09:07	R12	6	A	NONE
AC42868-012	02/23/09 09:07	R12	7	A	NONE
AC42868-012	02/24/09 09:12	JOLA	7	A	A,BNA/BN
AC42868-012	02/23/09 09:07	R12	8	A	NONE
AC42868-012	02/23/09 09:07	R12	9	A	NONE
AC42868-012	02/24/09 10:22	KALPE	9	A	S-BNA
AC42868-012	02/24/09 10:31	KALPE	9	A	A-P/P
AC42868-013	02/20/09 18:05	FRAN	0	M	Received
AC42868-013	02/23/09 08:44	FRAN	0	M	Login
AC42868-013	02/23/09 09:07	R12	1	A	NONE
AC42868-013	02/24/09 13:57	MR	1	A	LAB FILTER
AC42868-013	02/24/09 13:58	R12	1	A	NONE
AC42868-013	02/25/09 13:30	MR	1	A	TDSW/HG
AC42868-013	02/25/09 13:31	R12	1	A	NONE
AC42868-014	02/20/09 18:05	FRAN	0	M	Received
AC42868-014	02/23/09 08:44	FRAN	0	M	Login
AC42868-014	02/23/09 15:03	R22	1	A	NONE
AC42868-014	02/24/09 10:21	WP	1	A	voa
AC42868-014	02/23/09 15:03	R22	2	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Samples marked as received are stored in coolers or refrigerator R12, R3, or R24 at 4 deg C until Login

GC/MS Volatile Data

GC/MS Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8260B

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
1M42126.D	DAILY BLANK	Soil	02/25/09 09:19	1		109	99	96	97		
1M42181.D	DAILY BLANK	Soil	02/26/09 08:43	1		110	99	94	98		
1M42233.D	DAILY BLANK	Soil	02/27/09 07:22	1		116	114	93	96		
1M42208.D	AC42868-001	Soil	02/26/09 16:26	1		116	104	98	102		
1M42160.D	AC42868-002	Soil	02/25/09 19:27	1		109	103	95	95		
1M42161.D	AC42868-003	Soil	02/25/09 19:44	1		109	103	94	98		
1M42162.D	AC42868-004	Soil	02/25/09 20:01	1		108	99	96	98		
1M42163.D	AC42868-005	Soil	02/25/09 20:18	1		110	107	96	106		
1M42130.D	MBS11391	Soil	02/25/09 10:34	1		110	97	98	100		
1M42183.D	MBS11399	Soil	02/26/09 09:17	1		110	101	94	98		
1M42245.D	MBS11410	Soil	02/27/09 10:48	1		118	107	93	100		
1M42257.D	AC42868-005(	Soil	02/27/09 14:12	1		115	102	97	112		
1M42259.D	AC42868-005(	Soil	02/27/09 14:47	1		113	103	96	107		

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8260

Soil Limits

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

FORM2

Surrogate Recovery

Method: EPA 624

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
6M38281.D	DAILY BLANK	Aqueous	02/20/09 07:43	1		112	95	87	110		
6M38334.D	DAILY BLANK	Aqueous	02/23/09 07:56	1		107	89	90	97		
6M38405.D	DAILY BLANK	Aqueous	02/24/09 10:00	1		111	93	89	96		
6M38430.D	AC42868-006	Aqueous	02/24/09 16:55	1		118	92	92	99		
6M38420.D	AC42868-008	Aqueous	02/24/09 14:13	1		118	99	88	97		
6M38421.D	AC42868-009	Aqueous	02/24/09 14:29	1		119	98	87	103		
6M38407.D	AC42868-012	Aqueous	02/24/09 10:34	1		111	94	89	101		
6M38408.D	AC42868-014	Aqueous	02/24/09 10:50	1		112	93	89	98		
6M38319.D	AC42831-003	Aqueous	02/20/09 18:09	1		109	91	87	97		
6M38357.D	MBS11368	Aqueous	02/23/09 14:02	1		109	92	91	100		
6M38368.D	AC42831-003(	Aqueous	02/23/09 16:55	1		105	89	91	97		
6M38369.D	AC42831-003(	Aqueous	02/23/09 17:11	1		109	90	91	96		
6M38413.D	MBS11379	Aqueous	02/24/09 12:09	1		114	96	92	98		

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 624

Aqueous Limits

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

Form3

MBS Data

Method: 624

Data File:==>					6M38413.D														
Data/Batch/Sample ID:==>					MBS11379														
Date/Time:==>					02/24/09 12:09														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1,1-Trichloroethan		52-162	1	0	15.2	20	76												
1,1,2,2-Tetrachloroe		46-157	1	0	11.39	20	57												
1,1,2-Trichloroethan		52-150	1	0	13.9	20	69												
1,1-Dichloroethane		59-155	1	0	14.41	20	72												
1,1-Dichloroethene		1-234	1	0	13.63	20	68												
1,2-Dichlorobenzen		18-190	1	0	14.49	20	72												
1,2-Dichloroethane		49-155	1	0	14.83	20	74												
1,2-Dichloropropane		1-210	1	0	11.74	20	59												
1,3-Dichlorobenzen		59-156	1	0	15.92	20	80												
1,4-Dichlorobenzen		18-190	1	0	14.56	20	73												
2-Chloroethylvinylet		1-305	1	0	7.48	20	37												
Benzene		37-151	1	0	14.52	20	73												
Bromodichlorometh		35-155	1	0	13.59	20	68												
Bromoform		45-169	1	0	11.34	20	57												
Bromomethane		1-242	1	0	15.43	20	77												
Carbon Tetrachlorid		70-140	1	0	16	20	80												
Chlorobenzene		37-160	1	0	15.69	20	78												
Chloroethane		14-230	1	0	15.92	20	80												
Chloroform		51-138	1	0	15.08	20	75												
Chloromethane		1-273	1	0	9.83	20	49												
cis-1,3-Dichloroprop		1-227	1	0	9.53	20	48												
Dibromochlorometh		53-149	1	0	12.65	20	63												
Ethylbenzene		37-162	1	0	12.43	20	62												
Methylene Chloride		1-221	1	0	15.58	20	78												
Tetrachloroethene		64-148	1	0	18.93	20	95												
Toluene		47-150	1	0	14.55	20	73												
trans-1,2-Dichloroet		54-156	1	0	18.02	20	90												
trans-1,3-Dichloropr		17-183	1	0	9.07	20	45												
Trichloroethene		71-157	1	0	17.58	20	88												
Trichlorofluorometh		17-181	1	0	12.17	20	61												
Vinyl Chloride		1-251	1	0	11.91	20	60												

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

Form3

MBS Data

Method: 8260

Data File:====>					1M42130.D			1M42183.D											
Data/Batch/Sample ID:====>					MBS11391			MBS11399											
Date/Time:====>					02/25/09 10:34			02/26/09 09:17											
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1-Dichloroethane	14-127		1	0	42.72	50	85	43.33	50	87									
1,1-Dichloroethene	8-114		1	0	46.69	50	93	47.13	50	94									
1,2-Dichlorobenzen	19-113		1	0	44.89	50	90	45.57	50	91									
1,2-Dichloroethane	18-130		1	0	41.05	50	82	41.45	50	83									
1,4-Dichlorobenzen	20-110		1	0	47.41	50	95	47.24	50	94									
2-Butanone	4-141		1	0	46.23	50	92	49.08	50	98									
Benzene	21-122		1	0	41.14	50	82	42.87	50	86									
Carbon Tetrachlorid	19-122		1	0	56.57	50	113	56.4	50	113									
Chlorobenzene	21-117		1	0	41.95	50	84	42.23	50	84									
Chloroform	26-119		1	0	46.28	50	93	45.74	50	91									
n-Propylbenzene	16-122		1	0	52.96	50	106	53.08	50	106									
sec-Butylbenzene	9-125		1	0	55.08	50	110	55.11	50	110									
Tetrachloroethene	18-116		1	0	51.7	50	103	52.26	50	105									
Toluene	19-128		1	0	51.7	50	103	51.87	50	104									
Trichloroethene	21-116		1	0	46.62	50	93	47.63	50	95									
Vinyl Chloride	6-117		1	0	42.72	50	85	44.24	50	88									

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

FORM 3

Spike Recovery

Batch Number: MBS11368
Mbs Name: MBS11368
Ns Name: AC42831-003
Ms Name: AC42831-003(MS)
Msd Name: AC42831-003(MSD

Mbs File: 6M38357.D
Non Spk'd File: 6M38319.D
Spike File: 6M38368.D
Spike Dup File: 6M38369.D
Matrix: Aqueous
Method: EPA 624

Mbs Date: 02/23/09 14:02
Non Spk'd Date: 02/20/09 18:09
Spike Date : 02/23/09 16:55
Spike Dup Date: 02/23/09 17:11

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Chloromethane	4	1	0	20	1	273	66	10.06	0.00	10.59	9.77	50	53	49	8.1
Bromomethane	5	1	0	20	1	242	42	14.80	0.00	14.75	13.81	74	74	69	6.6
Vinyl Chloride	6	1	0	20	1	251	30	12.21	0.00	12.27	11.78	61	61	59	4.1
Chloroethane	7	1	0	20	14	230	50	17.06	0.00	16.13	14.85	85	81	74	8.3
Trichlorofluoromethan	8	1	0	20	17	181	41	11.95	0.00	11.32	11.34	60	57	57	0.18
Methylene Chloride	10	1	0	20	1	221	38	14.34	0.00	15.86	14.97	72	79	75	5.8
1,1-Dichloroethene	19	1	0	20	1	234	34	13.22	0.00	14.24	13.03	66	71	65	8.9
1,1-Dichloroethane	22	1	0	20	59	155	30	14.12	0.00	14.65	14.10	71	73	71	3.8
trans-1,2-Dichloroeth	23	1	0	20	54	156	48	16.83	0.00	18.09	16.32	84	90	82	10
Chloroform	29	1	0	20	51	138	37	14.82	0.00	14.37	14.15	74	72	71	1.5
1,2-Dichloroethane	33	1	0	20	49	155	34	13.39	0.00	14.36	13.64	67	72	68	5.1
1,1,1-Trichloroethane	35	1	0	20	52	162	33	14.30	0.00	14.19	13.90	72	71	69	2.1
Carbon Tetrachloride	36	1	0	20	70	140	32	15.13	0.00	15.40	15.56	76	77	78	1
Bromodichloromethan	38	1	0	20	35	155	30	13.09	0.00	13.68	12.60	65	68	63	8.2
1,2-Dichloropropane	41	1	0	20	1	210	30	12.50	0.00	12.66	12.39	62	63	62	2.2
Trichloroethene	42	1	0	20	71	157	30	17.08	0.00	16.87	17.39	85	84	87	3
Benzene	43	1	0	20	37	151	29	14.80	0.00	14.63	14.83	74	73	74	1.4
Dibromochloromethan	46	1	0	20	53	149	30	12.51	0.00	12.68	13.32	63	63	67	4.9
2-Chloroethylvinylethe	47	1	0	20	1	305	40	7.80	0.00	0.00	0.00	39	0 Mo	0 Mo	NA^
cis-1,3-Dichloroprope	48	1	0	20	1	227	34	9.38	0.00	8.86	8.54	47	44	43	3.7
trans-1,3-Dichloropro	49	1	0	20	17	183	31	8.98	0.00	8.52	8.88	45	43	44	4.1
1,1,2-Trichloroethane	50	1	0	20	52	150	37	13.57	0.00	13.91	14.62	68	70	73	5
Tetrachloroethene	55	1	0	20	64	148	27	18.73	0.00	18.69	18.17	94	93	91	2.8
Toluene	57	1	0	20	47	150	33	14.68	0.00	15.13	14.24	73	76	71	6.1
Chlorobenzene	59	1	0	20	37	160	30	15.45	0.00	15.55	15.54	77	78	78	0.06
Bromoform	61	1	0	20	45	169	30	10.90	0.00	11.17	11.36	54	56	57	1.7
Ethylbenzene	62	1	0	20	37	162	41	13.20	0.00	12.98	12.91	66	65	65	0.54
1,1,2,2-Tetrachloroeth	63	1	0	20	46	157	29	11.60	0.00	11.18	11.42	58	56	57	2.1
1,3-Dichlorobenzene	69	1	0	20	59	156	30	15.37	0.00	16.09	15.67	77	80	78	2.6
1,4-Dichlorobenzene	70	1	0	20	18	190	30	13.79	0.00	14.25	13.77	69	71	69	3.4
1,2-Dichlorobenzene	71	1	0	20	18	190	34	14.37	0.00	14.65	14.20	72	73	71	3.1

Note:

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

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

FORM 3

Spike Recovery

Batch Number: MBS11410
Mbs Name: MBS11410
Ns Name: AC42868-005
Ms Name: AC42868-005(MS)
Msd Name: AC42868-005(MSD

Mbs File: 1M42245.D
Non Spk'd File: 1M42163.D
Spike File: 1M42257.D
Spike Dup File: 1M42259.D
Matrix: Soil
Method: EPA 8260B

Mbs Date: 02/27/09 10:48
Non Spk'd Date: 02/25/09 20:18
Spike Date : 02/27/09 14:12
Spike Dup Date: 02/27/09 14:47

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	6	1	0	50	6	117	53	43.79	0.00	62.03	61.50	88	124 Mo	123 Mo	0.86
1,1-Dichloroethene	19	1	0	50	8	114	53	44.29	0.00	57.44	61.31	89	115 Mo	123 Mo	6.5
1,1-Dichloroethane	22	1	0	50	14	127	44	41.36	0.00	51.30	54.51	83	103	109	6.1
Chloroform	29	1	0	50	26	119	39	45.42	0.00	53.38	55.98	91	107	112	4.8
1,2-Dichloroethane	33	1	0	50	18	130	37	41.54	0.00	48.65	50.48	83	97	101	3.7
2-Butanone	34	1	0	50	4	141	59	46.27	0.00	65.14	67.52	93	130	135	3.6
Carbon Tetrachloride	36	1	0	50	19	122	40	56.31	0.00	65.00	68.48	113	130 Mo	137 Mo	5.2
Trichloroethene	42	1	0	50	21	116	39	46.53	0.00	52.92	57.01	93	106	114	7.4
Benzene	43	1	0	50	21	122	38	39.17	0.00	47.32	50.29	78	95	101	6.1
Tetrachloroethene	55	1	0	50	18	116	37	47.38	0.00	55.14	57.25	95	110	114	3.8
Toluene	57	1	0	50	19	128	35	47.01	0.00	56.42	58.39	94	113	117	3.4
Chlorobenzene	59	1	0	50	21	117	37	38.90	0.00	41.62	42.99	78	83	86	3.2
1,4-Dichlorobenzene	70	1	0	50	20	110	41	44.32	0.00	41.39	40.29	89	83	81	2.7
1,2-Dichlorobenzene	71	1	0	50	19	113	42	41.89	0.00	36.87	36.90	84	74	74	0.08
n-Propylbenzene	78	1	0	50	16	122	42	50.47	0.00	60.05	58.67	101	120	117	2.3
sec-Butylbenzene	83	1	0	50	9	125	48	51.76	0.00	56.50	55.37	104	113	111	2

Note:

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

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

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M38281.D
Matrix: Aqueous

Blank Analysis Date: 02/20/09 07:43
Blank Extraction Date: NA
(If Applicable)
Method: EPA 624

Sample Number	Data File	Analysis Date
AC42831-003	6M38319.D	02/20/09 18:09

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M38334.D
Matrix: Aqueous

Blank Analysis Date: 02/23/09 07:56
Blank Extraction Date: NA
(If Applicable)
Method: EPA 624

Sample Number	Data File	Analysis Date
AC42831-003(MSD	6M38369.D	02/23/09 17:11
AC42831-003(MS)	6M38368.D	02/23/09 16:55
MBS11368	6M38357.D	02/23/09 14:02

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M38405.D
Matrix: Aqueous

Blank Analysis Date: 02/24/09 10:00
Blank Extraction Date: NA
(If Applicable)
Method: EPA 624

Sample Number	Data File	Analysis Date
AC42868-006	6M38430.D	02/24/09 16:55
AC42868-008	6M38420.D	02/24/09 14:13
AC42868-009	6M38421.D	02/24/09 14:29
AC42868-012	6M38407.D	02/24/09 10:34
AC42868-014	6M38408.D	02/24/09 10:50
MBS11379	6M38413.D	02/24/09 12:09

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M42126.D
Matrix: Soil

Blank Analysis Date: 02/25/09 09:19
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC42868-002	1M42160.D	02/25/09 19:27
AC42868-003	1M42161.D	02/25/09 19:44
AC42868-004	1M42162.D	02/25/09 20:01
AC42868-005	1M42163.D	02/25/09 20:18
MBS11391	1M42130.D	02/25/09 10:34

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M42181.D
Matrix: Soil

Blank Analysis Date: 02/26/09 08:43
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC42868-001	1M42208.D	02/26/09 16:26
MBS11399	1M42183.D	02/26/09 09:17

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M42233.D
Matrix: Soil

Blank Analysis Date: 02/27/09 07:22
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC42868-005(MSD	1M42259.D	02/27/09 14:47
AC42868-005(MS)	1M42257.D	02/27/09 14:12
MBS11410	1M42245.D	02/27/09 10:48

Form 5

Tune Name: BFB TUNE **Data File:** 6M37639.D
Instrument: GCMS 6 **Analysis Date:** 02/06/09 12:38
Method: EPA 624
Tune Scan/Time Range: Average of 4.228 to 4.237 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	21.7	3439	PASS
75	95	30	60	43.5	6891	PASS
95	95	100	100	100.0	15850	PASS
96	95	5	9	6.8	1078	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	64.9	10283	PASS
175	174	5	9	6.9	706	PASS
176	174	95	101	95.1	9775	PASS
177	176	5	9	5.7	553	PASS

Data File	Sample Number	Analysis Date:
6M37641.D	CAL @ 500 PPB	02/06/09 13:04
6M37642.D	CAL @ 250 PPB	02/06/09 13:19
6M37643.D	CAL @ 100 PPB	02/06/09 13:35
6M37644.D	CAL @ 50 PPB	02/06/09 13:51
6M37645.D	CAL @ 20 PPB	02/06/09 14:07
6M37646.D	CAL @ 10 PPB	02/06/09 14:23
6M37647.D	5 PPB	02/06/09 14:38
6M37648.D	CAL @ 5 PPB	02/06/09 14:54
6M37650.D	CAL @ 1 PPB	02/06/09 15:26
6M37651.D	CAL @ 0.5 PPB	02/06/09 15:42
6M37652.D	20 PPB	02/06/09 15:58
6M37653.D	10 PPB	02/06/09 16:14
6M37654.D	ICV	02/06/09 16:29
6M37655.D	BLK	02/06/09 16:45
6M37656.D	DAILY BLANK	02/06/09 17:01
6M37657.D	DAILY BLANK	02/06/09 17:17
6M37658.D	MDL @ 1 PPB	02/06/09 17:33
6M37659.D	MDL @ 1 PPB	02/06/09 17:49
6M37660.D	MDL @ 1 PPB	02/06/09 18:05
6M37661.D	BLK	02/06/09 18:21
6M37662.D	MDL @ 1 PPB	02/06/09 18:43
6M37663.D	MDL @ 1 PPB	02/06/09 18:59
6M37664.D	MDL @ 1 PPB	02/06/09 19:15
6M37665.D	BLK	02/06/09 19:30
6M37666.D	MDL @ 4 PPB	02/06/09 19:46
6M37667.D	MDL @ 4 PPB	02/06/09 20:02
6M37668.D	MDL @ 4 PPB	02/06/09 20:18
6M37669.D	MDL @ 4 PPB	02/06/09 20:33
6M37670.D	MDL @ 4 PPB	02/06/09 20:49
6M37671.D	MDL @ 4 PPB	02/06/09 21:05
6M37672.D	MDL @ 4 PPB	02/06/09 21:21
6M37673.D	MDL @ 4 PPB	02/06/09 21:36
6M37674.D	MBS11196	02/06/09 21:52
6M37675.D	MBS11197	02/06/09 22:08
6M37676.D	MBS11198	02/06/09 22:24
6M37677.D	MBS11199	02/06/09 22:39
6M37678.D	MBS11200	02/06/09 22:55
6M37679.D	MBS11201	02/06/09 23:11
6M37680.D	MBS11202	02/06/09 23:26
6M37681.D	MBS11203	02/06/09 23:42
6M37682.D	BLK	02/06/09 23:58
6M37683.D	AC42545-003	02/07/09 00:13
6M37684.D	AC42545-005	02/07/09 00:29
6M37685.D	AC42535-001	02/07/09 00:45
6M37686.D	AC42535-002	02/07/09 01:00
6M37687.D	AC42542-004	02/07/09 01:16
6M37688.D	AC42542-005	02/07/09 01:32
6M37689.D	AC42548-004	02/07/09 01:47
6M37690.D	AC42549-004	02/07/09 02:03
6M37691.D	AC42549-005	02/07/09 02:19
6M37692.D	AC42542-001	02/07/09 02:35
6M37693.D	AC42542-002	02/07/09 02:50
6M37694.D	AC42542-003	02/07/09 03:06
6M37695.D	AC42545-008	02/07/09 03:22
6M37696.D	AC42548-001	02/07/09 03:38
6M37697.D	AC42548-002	02/07/09 03:54
6M37698.D	AC42548-003	02/07/09 04:09
6M37699.D	AC42549-002	02/07/09 04:25
6M37700.D	AC42549-003	02/07/09 04:41
6M37701.D	AC42549-001(10X)	02/07/09 04:59
6M37702.D	AC42535-003(50X)	02/07/09 05:20
6M37703.D	AC42535-004(50X)	02/07/09 05:41
6M37704.D	BLK	02/07/09 05:58
6M37705.D	BLK	02/07/09 06:14
6M37706.D	BLK	02/07/09 06:29

Form 5

Tune Name: BFB TUNE **Data File:** 6M38276.D
Instrument: GCMS 6 **Analysis Date:** 02/20/09 06:05
Method: EPA 624
Tune Scan/Time Range: Average of 4.264 to 4.274 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.0	1846	PASS
75	95	30	60	39.4	3632	PASS
95	95	100	100	100.0	9225	PASS
96	95	5	9	5.8	533	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	83.9	7739	PASS
175	174	5	9	5.5	429	PASS
176	174	95	101	98.0	7581	PASS
177	176	5	9	5.7	435	PASS

Data File	Sample Number	Analysis Date:
6M38277.D	20 PPB	02/20/09 06:29
6M38278.D	CAL @ 20 PPB	02/20/09 06:50
6M38279.D	BLK	02/20/09 07:12
6M38280.D	DAILY BLANK	02/20/09 07:27
6M38281.D	DAILY BLANK	02/20/09 07:43
6M38282.D	MBS11346	02/20/09 08:05
6M38283.D	MBS11348	02/20/09 08:21
6M38284.D	BLKJUG#2	02/20/09 08:36
6M38285.D	AC42798-011(10X)	02/20/09 08:55
6M38286.D	AC42798-009(100	02/20/09 09:18
6M38287.D	BLK	02/20/09 09:35
6M38288.D	AC42639-005	02/20/09 09:51
6M38289.D	AC42639-007	02/20/09 10:07
6M38290.D	AC42645-010	02/20/09 10:23
6M38291.D	AC42645-013	02/20/09 10:38
6M38292.D	AC42652-005	02/20/09 10:54
6M38293.D	AC42703-001	02/20/09 11:10
6M38294.D	AC42704-001	02/20/09 11:26
6M38295.D	BLKJG#2	02/20/09 11:42
6M38296.D	AC42731-002	02/20/09 11:57
6M38297.D	BLKHCL	02/20/09 12:13
6M38298.D	AC42798-010	02/20/09 12:29
6M38299.D	AC42731-007	02/20/09 12:45
6M38300.D	AC42731-006	02/20/09 13:00
6M38301.D	AC42731-003(80uL	02/20/09 13:16
6M38302.D	AC42731-001	02/20/09 13:32
6M38303.D	AC42731-004	02/20/09 13:48
6M38304.D	AC42731-005	02/20/09 14:03
6M38305.D	BLK	02/20/09 14:19
6M38306.D	AC42811-001	02/20/09 14:35
6M38307.D	AC42821-001(10X)	02/20/09 14:54
6M38308.D	AC42817-001(10X)	02/20/09 15:14
6M38309.D	BLK	02/20/09 15:31
6M38310.D	AC42704-009	02/20/09 15:47
6M38311.D	AC42811-001	02/20/09 16:03
6M38312.D	AC42821-001	02/20/09 16:19
6M38313.D	BLKHCL	02/20/09 16:35
6M38314.D	BLKJUG2	02/20/09 16:51
6M38315.D	MBS11355	02/20/09 17:06
6M38316.D	BLKJUG1	02/20/09 17:22
6M38317.D	AC42831-005	02/20/09 17:38
6M38318.D	AC42831-004	02/20/09 17:53
6M38319.D	AC42831-003	02/20/09 18:09
6M38320.D	AC42831-002	02/20/09 18:25
6M38321.D	AC42831-001	02/20/09 18:40
6M38322.D	MBS11360	02/20/09 18:56
6M38323.D	AC42811-001(MS)	02/20/09 19:12
6M38324.D	AC42811-001(MSD	02/20/09 19:28
6M38325.D	BLK	02/20/09 19:43
6M38326.D	BLK	02/20/09 19:59
6M38327.D	BLK	02/20/09 20:15
6M38328.D	BLK	02/20/09 20:30

Form 5

Tune Name: BFB TUNE **Data File:** 6M38330.D
Instrument: GCMS 6 **Analysis Date:** 02/23/09 06:48
Method: EPA 624

Tune Scan/Time Range: Average of 4.222 to 4.242 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	17.9	7003	PASS
75	95	30	60	42.2	16534	PASS
95	95	100	100	100.0	39160	PASS
96	95	5	9	7.2	2820	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.6	38597	PASS
175	174	5	9	7.4	2852	PASS
176	174	95	101	99.3	38320	PASS
177	176	5	9	6.8	2588	PASS

Data File	Sample Number	Analysis Date:
6M38331.D	CAL @ 20 PPB	02/23/09 06:58
6M38332.D	BLKJUG3	02/23/09 07:22
6M38333.D	DAILY BLANK	02/23/09 07:40
6M38334.D	DAILY BLANK	02/23/09 07:56
6M38335.D	MBS11362	02/23/09 08:12
6M38336.D	AC42704-004	02/23/09 08:28
6M38337.D	AC42704-002	02/23/09 08:44
6M38338.D	AC42704-008	02/23/09 09:00
6M38339.D	MBS11363	02/23/09 09:16
6M38340.D	AC42680-001(T\	02/23/09 09:32
6M38341.D	AC42724-001(T\	02/23/09 09:47
6M38342.D	EF-1-V-60223(022	02/23/09 10:03
6M38343.D	BLKJUG	02/23/09 10:21
6M38344.D	AC42645-013	02/23/09 10:36
6M38345.D	AC42731-001	02/23/09 10:52
6M38346.D	BLKJUG#2	02/23/09 11:08
6M38347.D	AC42817-001(2X\	02/23/09 11:24
6M38348.D	BLK	02/23/09 11:40
6M38349.D	AC42798-006	02/23/09 11:56
6M38350.D	AC42798-005(80uL	02/23/09 12:12
6M38351.D	AC42798-003(40uL	02/23/09 12:28
6M38352.D	AC42680-001(T:M	02/23/09 12:43
6M38353.D	AC42680-001(T:M	02/23/09 12:59
6M38354.D	BLK	02/23/09 13:15
6M38355.D	BLK	02/23/09 13:31
6M38356.D	BLK	02/23/09 13:46
6M38357.D	MBS11368	02/23/09 14:02
6M38358.D	BLK	02/23/09 14:18
6M38359.D	AC42645-013	02/23/09 14:34
6M38360.D	AC42849-005	02/23/09 14:49
6M38361.D	AC42849-006	02/23/09 15:05
6M38362.D	AC42863-007	02/23/09 15:21
6M38363.D	AC42849-001	02/23/09 15:37
6M38364.D	AC42849-002	02/23/09 15:52
6M38365.D	AC42849-003	02/23/09 16:08
6M38366.D	AC42849-004	02/23/09 16:24
6M38367.D	AC42731-006	02/23/09 16:40
6M38368.D	AC42831-003(MS\	02/23/09 16:55
6M38369.D	AC42831-003(MSD	02/23/09 17:11
6M38370.D	BLK	02/23/09 17:27
6M38371.D	AC42857-002	02/23/09 17:43
6M38372.D	AC42850-004	02/23/09 17:58
6M38373.D	AC42850-005	02/23/09 18:14
6M38374.D	AC42851-009	02/23/09 18:30
6M38375.D	AC42850-001	02/23/09 18:45
6M38376.D	AC42850-002	02/23/09 19:01
6M38377.D	AC42850-003	02/23/09 19:17
6M38378.D	AC42857-003	02/23/09 19:33
6M38379.D	AC42857-004	02/23/09 19:48
6M38380.D	AC42857-005	02/23/09 20:04
6M38381.D	AC42857-006	02/23/09 20:20
6M38382.D	AC42857-007	02/23/09 20:35
6M38383.D	MBS11371	02/23/09 20:51
6M38384.D	BLK	02/23/09 21:07
6M38385.D	AC42857-001	02/23/09 21:23
6M38386.D	BLK	02/23/09 21:39
6M38387.D	BLK	02/23/09 21:54
6M38388.D	BLK	02/23/09 22:10
6M38389.D	BLK	02/23/09 22:26
6M38390.D	BLK	02/23/09 22:42
6M38391.D	BLK	02/23/09 22:57
6M38392.D	BLK	02/23/09 23:13

Form 5

Tune Name: BFB TUNE **Data File:** 6M38394.D
Instrument: GCMS 6 **Analysis Date:** 02/24/09 06:37
Method: EPA 624
Tune Scan/Time Range: Average of 4.180 to 4.200 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	19.5	2426	PASS
75	95	30	60	45.4	5659	PASS
95	95	100	100	100.0	12465	PASS
96	95	5	9	6.2	770	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.8	12312	PASS
175	174	5	9	6.5	806	PASS
176	174	95	101	96.1	11837	PASS
177	176	5	9	6.5	770	PASS

Data File	Sample Number	Analysis Date:
6M38395.D	20 PPB	02/24/09 06:49
6M38396.D	CAL @ 20 PPB	02/24/09 07:20
6M38397.D	BLK	02/24/09 07:47
6M38398.D	DAILY BLANK	02/24/09 08:03
6M38399.D	BLKHCL	02/24/09 08:19
6M38400.D	AC42879-001(20uL	02/24/09 08:41
6M38401.D	MBS11374	02/24/09 08:56
6M38402.D	AC42879-001(400u	02/24/09 09:12
6M38403.D	MBS11375	02/24/09 09:28
6M38404.D	BLKJUG1	02/24/09 09:44
6M38405.D	DAILY BLANK	02/24/09 10:00
6M38406.D	BLKHCL	02/24/09 10:17
6M38407.D	AC42868-012	02/24/09 10:34
6M38408.D	AC42868-014	02/24/09 10:50
6M38409.D	AC42866-013	02/24/09 11:06
6M38410.D	AC42833-006(T)	02/24/09 11:22
6M38411.D	AC42802-001(T)	02/24/09 11:37
6M38412.D	EF-1-V-61190(022	02/24/09 11:53
6M38413.D	MBS11379	02/24/09 12:09
6M38414.D	BLK	02/24/09 12:25
6M38415.D	AC42869-001	02/24/09 12:41
6M38416.D	AC42869-002(100	02/24/09 12:59
6M38417.D	AC42869-003(100	02/24/09 13:20
6M38418.D	AC42869-004(100	02/24/09 13:40
6M38419.D	AC42868-006	02/24/09 13:58
6M38420.D	AC42868-008	02/24/09 14:13
6M38421.D	AC42868-009	02/24/09 14:29
6M38422.D	AC42873-001	02/24/09 14:45
6M38423.D	AC42873-002	02/24/09 15:01
6M38424.D	MBS11381	02/24/09 15:16
6M38425.D	AC42833-006(T:M	02/24/09 15:32
6M38426.D	AC42833-006(T:M	02/24/09 15:48
6M38427.D	BLK	02/24/09 16:04
6M38428.D	AC42869-002(10X)	02/24/09 16:22
6M38429.D	BLK	02/24/09 16:40
6M38430.D	AC42868-006	02/24/09 16:55
6M38431.D	AC42841-001	02/24/09 17:11
6M38432.D	AC42855-001	02/24/09 17:27
6M38433.D	BLK	02/24/09 17:43
6M38434.D	BLK	02/24/09 17:58
6M38435.D	BLK	02/24/09 18:14
6M38436.D	BLK	02/24/09 18:30
6M38437.D	BLK	02/24/09 18:46
6M38438.D	BLK	02/24/09 19:01
6M38439.D	BLK	02/24/09 19:17
6M38440.D	BLK	02/24/09 19:32

Form 5

Tune Name: BFB TUNE **Data File:** 1M42010.D
Instrument: GCMS 1 **Analysis Date:** 02/23/09 07:55
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.511 to 4.541 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.4	7810	PASS
75	95	30	60	50.0	17437	PASS
95	95	100	100	100.0	34906	PASS
96	95	5	9	7.6	2639	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	77.5	27046	PASS
175	174	5	9	8.3	2232	PASS
176	174	95	101	100.2	27092	PASS
177	176	5	9	6.7	1818	PASS

Data File	Sample Number	Analysis Date:
1M42011.D	CAL @ 50 PPB	02/23/09 08:31
1M42013.D	50 PPB	02/23/09 09:15
1M42014.D	CAL @ 50 PPB	02/23/09 09:43
1M42016.D	CAL @ 500 PPB	02/23/09 10:17
1M42017.D	CAL @ 250 PPB	02/23/09 10:34
1M42018.D	CAL @ 100 PPB	02/23/09 10:51
1M42019.D	CAL @ 20 PPB	02/23/09 11:08
1M42020.D	CAL @ 10 PPB	02/23/09 11:25
1M42021.D	CAL @ 5 PPB	02/23/09 11:42
1M42022.D	CAL @ 1 PPB	02/23/09 11:59
1M42023.D	ICV	02/23/09 12:16
1M42024.D	BLK	02/23/09 12:37
1M42025.D	DAILY BLANK	02/23/09 12:54
1M42026.D	BLK	02/23/09 13:06
1M42027.D	MBS11367	02/23/09 13:16
1M42028.D	BLK	02/23/09 13:36
1M42029.D	AC42731-002	02/23/09 13:53
1M42030.D	AC42731-004	02/23/09 14:10
1M42031.D	AC42731-007	02/23/09 14:27
1M42032.D	AC42731-006	02/23/09 14:45
1M42033.D	MBS11369	02/23/09 15:02
1M42034.D	AC42725-008	02/23/09 15:19
1M42035.D	AC42772-003	02/23/09 15:36
1M42036.D	AC42704-001	02/23/09 15:53
1M42037.D	AC42725-009	02/23/09 16:10
1M42038.D	AC42771-001	02/23/09 16:26
1M42039.D	AC42771-002	02/23/09 16:43
1M42040.D	AC42771-003	02/23/09 17:00
1M42041.D	AC42771-004	02/23/09 17:18
1M42042.D	AC42772-001	02/23/09 17:35
1M42043.D	AC42772-002	02/23/09 17:52
1M42044.D	AC42725-007	02/23/09 18:08
1M42045.D	AC42725-013	02/23/09 18:25
1M42046.D	AC42725-014	02/23/09 18:42
1M42047.D	AC42781-001	02/23/09 18:59
1M42048.D	AC42792-001	02/23/09 19:16
1M42049.D	AC42792-002	02/23/09 19:33
1M42050.D	AC42767-001(5X)	02/23/09 19:50
1M42051.D	MBS11370	02/23/09 20:07
1M42052.D	AC42772-003(MS)	02/23/09 20:24
1M42053.D	AC42772-003(MSD	02/23/09 20:41
1M42054.D	BLK	02/23/09 20:58
1M42055.D	BLK	02/23/09 21:15
1M42056.D	BLK	02/23/09 21:32
1M42057.D	BLK	02/23/09 21:49
1M42058.D	BLK	02/23/09 22:06
1M42059.D	BLK	02/23/09 22:23
1M42060.D	BLK	02/23/09 22:40

Form 5

Tune Name: BFB TUNE **Data File:** 1M42123.D
Instrument: GCMS 1 **Analysis Date:** 02/25/09 08:22
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.470 to 4.539 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.9	5490	PASS
75	95	30	60	49.5	11862	PASS
95	95	100	100	100.0	23946	PASS
96	95	5	9	7.4	1778	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.7	19092	PASS
175	174	5	9	8.7	1656	PASS
176	174	95	101	98.2	18758	PASS
177	176	5	9	7.4	1391	PASS

Data File	Sample Number	Analysis Date:
1M42124.D	CAL @ 50 PPB	02/25/09 08:31
1M42125.D	BLK	02/25/09 09:02
1M42126.D	DAILY BLANK	02/25/09 09:19
1M42127.D	AC42798-007	02/25/09 09:43
1M42128.D	AC42798-002	02/25/09 10:00
1M42129.D	AC42798-004(5X)	02/25/09 10:17
1M42130.D	MBS11391	02/25/09 10:34
1M42131.D	AC42725-006	02/25/09 10:51
1M42132.D	AC42823-001	02/25/09 11:31
1M42133.D	AC42823-002	02/25/09 11:48
1M42134.D	AC42823-003	02/25/09 12:05
1M42135.D	AC42823-004	02/25/09 12:22
1M42136.D	AC42823-005	02/25/09 12:39
1M42137.D	AC42823-006	02/25/09 12:56
1M42138.D	AC42823-007	02/25/09 13:13
1M42139.D	AC42823-008	02/25/09 13:30
1M42140.D	AC42841-002	02/25/09 13:47
1M42141.D	AC42860-002	02/25/09 14:04
1M42142.D	AC42860-004	02/25/09 14:21
1M42143.D	AC42860-006	02/25/09 14:38
1M42144.D	AC42859-006	02/25/09 14:55
1M42145.D	AC42859-004	02/25/09 15:12
1M42146.D	AC42859-002	02/25/09 15:29
1M42147.D	AC42861-001	02/25/09 15:46
1M42148.D	AC42868-001(MS)	02/25/09 16:03
1M42149.D	AC42868-001(MSD	02/25/09 16:20
1M42150.D	BLK	02/25/09 16:37
1M42151.D	BLK	02/25/09 16:54
1M42152.D	AC42820-006	02/25/09 17:11
1M42153.D	AC42820-009	02/25/09 17:28
1M42154.D	AC42868-001	02/25/09 17:45
1M42155.D	AC42725-012	02/25/09 18:02
1M42156.D	MBS11395	02/25/09 18:19
1M42157.D	AC42868-002(MS)	02/25/09 18:36
1M42158.D	AC42868-002(MSD	02/25/09 18:53
1M42159.D	BLK	02/25/09 19:10
1M42160.D	AC42868-002	02/25/09 19:27
1M42161.D	AC42868-003	02/25/09 19:44
1M42162.D	AC42868-004	02/25/09 20:01
1M42163.D	AC42868-005	02/25/09 20:18
1M42164.D	AC42880-001	02/25/09 20:34
1M42165.D	MBS11396	02/25/09 20:51
1M42166.D	BLK	02/25/09 21:08
1M42167.D	BLK	02/25/09 21:25
1M42168.D	BLK	02/25/09 21:42
1M42169.D	BLK	02/25/09 21:59
1M42170.D	BLK	02/25/09 22:16
1M42171.D	BLK	02/25/09 22:33
1M42172.D	BLK	02/25/09 22:50

Form 5

Tune Name: BFB TUNE **Data File:** 1M42178.D
Instrument: GCMS 1 **Analysis Date:** 02/26/09 07:57
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.493 to 4.552 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	21.4	4149	PASS
75	95	30	60	49.6	9638	PASS
95	95	100	100	100.0	19418	PASS
96	95	5	9	7.5	1457	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.5	15828	PASS
175	174	5	9	7.2	1143	PASS
176	174	95	101	97.8	15482	PASS
177	176	5	9	7.6	1181	PASS

Data File	Sample Number	Analysis Date:
1M42179.D	CAL @ 50 PPB	02/26/09 08:07
1M42180.D	BLK	02/26/09 08:26
1M42181.D	DAILY BLANK	02/26/09 08:43
1M42182.D	BLK	02/26/09 09:00
1M42183.D	MBS11399	02/26/09 09:17
1M42184.D	BLK	02/26/09 09:38
1M42185.D	AC42823-002	02/26/09 09:55
1M42186.D	AC42823-005	02/26/09 10:12
1M42187.D	AC42845-001	02/26/09 10:29
1M42188.D	AC42845-002	02/26/09 10:46
1M42189.D	AC42845-003	02/26/09 11:03
1M42190.D	AC42845-004	02/26/09 11:20
1M42191.D	AC42866-001	02/26/09 11:37
1M42192.D	AC42866-002	02/26/09 11:54
1M42193.D	AC42866-003	02/26/09 12:11
1M42194.D	AC42866-004	02/26/09 12:28
1M42195.D	AC42866-005	02/26/09 12:45
1M42196.D	AC42866-006	02/26/09 13:02
1M42197.D	AC42866-007	02/26/09 13:19
1M42198.D	AC42866-008	02/26/09 13:36
1M42199.D	AC42866-009	02/26/09 13:53
1M42200.D	AC42866-010	02/26/09 14:10
1M42201.D	AC42866-011	02/26/09 14:27
1M42202.D	AC42866-012	02/26/09 14:44
1M42203.D	AC42798-004	02/26/09 15:01
1M42204.D	AC42845-001(MS)	02/26/09 15:18
1M42205.D	AC42845-001(MSD	02/26/09 15:35
1M42206.D	AC42880-001	02/26/09 15:52
1M42207.D	BLK	02/26/09 16:09
1M42208.D	AC42868-001	02/26/09 16:26
1M42209.D	AC42820-007	02/26/09 16:43
1M42210.D	AC42820-008	02/26/09 17:00
1M42211.D	MBS11402	02/26/09 17:17
1M42212.D	AC42845-002(MS)	02/26/09 17:34
1M42213.D	AC42845-002(MSD	02/26/09 17:51
1M42214.D	AC42789-001	02/26/09 18:08
1M42215.D	AC42788-004	02/26/09 18:25
1M42216.D	AC42788-005	02/26/09 18:42
1M42217.D	AC42788-006	02/26/09 18:59
1M42218.D	AC42788-007	02/26/09 19:16
1M42219.D	AC42788-011	02/26/09 19:33
1M42220.D	AC42808-001	02/26/09 19:50
1M42221.D	BLK	02/26/09 20:07
1M42222.D	BLK	02/26/09 20:24
1M42223.D	BLK	02/26/09 20:41
1M42224.D	BLK	02/26/09 20:58
1M42225.D	BLK	02/26/09 21:15
1M42226.D	BLK	02/26/09 21:31
1M42227.D	BLK	02/26/09 21:48
1M42228.D	BLK	02/26/09 22:05

Form 5

Tune Name: BFB TUNE **Data File:** 1M42230.D
Instrument: GCMS 1 **Analysis Date:** 02/27/09 06:27
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.525 to 4.555 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.0	4965	PASS
75	95	30	60	51.4	10609	PASS
95	95	100	100	100.0	20660	PASS
96	95	5	9	7.6	1574	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.5	16225	PASS
175	174	5	9	7.6	1234	PASS
176	174	95	101	95.6	15510	PASS
177	176	5	9	8.0	1233	PASS

Data File	Sample Number	Analysis Date:
1M42231.D	CAL @ 50 PPB	02/27/09 06:43
1M42232.D	BLK	02/27/09 07:05
1M42233.D	DAILY BLANK	02/27/09 07:22
1M42234.D	MBS11407	02/27/09 07:41
1M42235.D	BLKTEST	02/27/09 07:58
1M42236.D	AC42959-003	02/27/09 08:15
1M42237.D	AC42959-004	02/27/09 08:32
1M42238.D	AC42863-001	02/27/09 08:49
1M42239.D	AC42863-002	02/27/09 09:06
1M42240.D	AC42863-003	02/27/09 09:23
1M42241.D	AC42863-004	02/27/09 09:40
1M42242.D	AC42863-005	02/27/09 09:57
1M42243.D	AC42863-006	02/27/09 10:14
1M42244.D	AC42953-002(5X)	02/27/09 10:31
1M42245.D	MBS11410	02/27/09 10:48
1M42246.D	AC42789-001(MS)	02/27/09 11:05
1M42247.D	AC42789-001(MSD	02/27/09 11:22
1M42248.D	BLK	02/27/09 11:39
1M42249.D	AC42918-007	02/27/09 11:56
1M42250.D	AC42951-001	02/27/09 12:14
1M42251.D	MBS11413	02/27/09 12:30
1M42252.D	BLK	02/27/09 12:47
1M42253.D	AC42863-006	02/27/09 13:04
1M42254.D	AC42866-012	02/27/09 13:21
1M42255.D	AC42875-001	02/27/09 13:38
1M42256.D	AC42951-001	02/27/09 13:55
1M42257.D	AC42868-005(MS)	02/27/09 14:12
1M42258.D	AC42875-001	02/27/09 14:30
1M42259.D	AC42868-005(MSD	02/27/09 14:47
1M42260.D	BLK	02/27/09 15:04
1M42261.D	BLK	02/27/09 15:21
1M42262.D	AC42990-002	02/27/09 15:38
1M42263.D	MBS11416	02/27/09 15:55
1M42264.D	BLK	02/27/09 16:12
1M42265.D	AC42916-001	02/27/09 16:29
1M42266.D	AC42916-002	02/27/09 16:46
1M42267.D	AC42916-008	02/27/09 17:03
1M42268.D	AC42916-014	02/27/09 17:20
1M42269.D	AC42916-015	02/27/09 17:37
1M42271.D	AC42880-001(MS)	02/27/09 17:54
1M42272.D	AC42880-001(MSD	02/27/09 18:11
1M42273.D	MBS11418	02/27/09 18:28
1M42274.D	BLK	02/27/09 18:45
1M42275.D	BLK	02/27/09 19:02
1M42276.D	BLK	02/27/09 19:19
1M42277.D	BLK	02/27/09 19:36
1M42278.D	BLK	02/27/09 19:53
1M42279.D	BLK	02/27/09 20:10
1M42280.D	BLK	02/27/09 20:27
1M42281.D	BLK	02/27/09 20:43
1M42282.D	BLK	02/27/09 21:00

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M37645.D Method: EPA 624

Analysis Date/Time: 02/06/09 14:07

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	282891	4.38	186831	5.93	90968	7.16						
Eval File Area Limit:	141446-565782		93416-373662		45484-181936							
Eval File Rt Limit:	3.88-4.88		5.43-6.43		6.66-7.66							

Data File	Sample						
6M37641.D	CAL @ 500 P	302232	4.37	173801	5.93	82424	7.15
6M37642.D	CAL @ 250 P	290116	4.37	177321	5.93	81839	7.15
6M37643.D	CAL @ 100 P	286818	4.38	188482	5.94	97778	7.16
6M37644.D	CAL @ 50 P	281412	4.37	184275	5.93	90195	7.16
6M37645.D	CAL @ 20 P	282891	4.38	186831	5.93	90968	7.16
6M37646.D	CAL @ 10 P	281570	4.38	181324	5.94	89268	7.16
6M37647.D	5 PPB	280195	4.37	197607	5.93	88327	7.16
6M37648.D	CAL @ 5 PP	285900	4.38	193391	5.94	96855	7.16
6M37650.D	CAL @ 1 PP	301721	4.37	208014	5.93	103131	7.16
6M37651.D	CAL @ 0.5 P	288409	4.37	199149	5.93	96443	7.16
6M37652.D	20 PPB	305581	4.37	210668	5.93	107668	7.16
6M37653.D	10 PPB	310992	4.38	209362	5.94	109291	7.16
6M37654.D	ICV	302939	4.37	202100	5.93	107040	7.16
6M37655.D	BLK	303166	4.37	210156	5.93	106900	7.16
6M37657.D	DAILY BLAN	301419	4.38	209913	5.93	101950	7.16
6M37658.D	MDL @ 1 PP	310069	4.38	214140	5.94	108286	7.16
6M37659.D	MDL @ 1 PP	311957	4.37	217930	5.93	101491	7.16
6M37660.D	MDL @ 1 PP	307029	4.37	214747	5.93	106282	7.16
6M37661.D	BLK	304956	4.37	210960	5.93	106984	7.16
6M37662.D	MDL @ 1 PP	298991	4.37	214329	5.93	107366	7.16
6M37663.D	MDL @ 1 PP	302685	4.38	210244	5.94	105467	7.16
6M37664.D	MDL @ 1 PP	312082	4.38	211691	5.93	105268	7.16
6M37665.D	BLK	299608	4.37	204785	5.93	98317	7.16
6M37666.D	MDL @ 4 PP	304954	4.37	210744	5.93	105558	7.16
6M37667.D	MDL @ 4 PP	310858	4.37	214068	5.93	106254	7.16
6M37668.D	MDL @ 4 PP	305468	4.37	206728	5.93	106146	7.15
6M37669.D	MDL @ 4 PP	313503	4.37	205804	5.93	107766	7.16
6M37670.D	MDL @ 4 PP	302728	4.37	206110	5.93	99932	7.15
6M37671.D	MDL @ 4 PP	309458	4.38	215545	5.94	110541	7.16
6M37672.D	MDL @ 4 PP	309120	4.38	213635	5.94	108501	7.16
6M37673.D	MDL @ 4 PP	313008	4.37	214169	5.93	109026	7.16
6M37674.D	MBS11196	311775	4.37	213818	5.93	110628	7.16
6M37675.D	MBS11197	316763	4.37	214006	5.93	107939	7.15
6M37676.D	MBS11198	315505	4.37	212023	5.93	109565	7.16
6M37677.D	MBS11199	319468	4.37	209958	5.93	110183	7.16
6M37682.D	BLK	303315	4.37	210717	5.93	101081	7.16
6M37683.D	AC42545-003	309220	4.37	209725	5.93	109890	7.16
6M37684.D	AC42545-005	314635	4.37	222214	5.93	107968	7.16
6M37685.D	AC42535-001	310079	4.37	216161	5.93	104132	7.16
6M37686.D	AC42535-002	304361	4.37	216015	5.93	109092	7.16
6M37687.D	AC42542-004	320642	4.37	224666	5.93	109322	7.16
6M37688.D	AC42542-005	307430	4.37	214294	5.93	110764	7.16
6M37689.D	AC42548-004	313281	4.37	217720	5.93	107885	7.16
6M37690.D	AC42549-004	311079	4.37	221771	5.93	107897	7.16
6M37691.D	AC42549-005	313556	4.37	217517	5.93	108440	7.16
6M37692.D	AC42542-001	308997	4.37	221838	5.93	108486	7.16
6M37693.D	AC42542-002	316758	4.37	219086	5.93	111345	7.16
6M37694.D	AC42542-003	315006	4.37	216248	5.93	111625	7.16
6M37695.D	AC42545-008	308688	4.37	222355	5.94	115328	7.16
6M37696.D	AC42548-001	307268	4.37	220430	5.93	111326	7.16

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M37645.D Method: EPA 624

Analysis Date/Time: 02/06/09 14:07

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	282891	4.38	186831	5.93	90968	7.16						
Eval File Area Limit:	141446-565782		93416-373662		45484-181936							
Eval File Rt Limit:	3.88-4.88		5.43-6.43		6.66-7.66							

Data File	Sample						
6M37697.D	AC42548-002	317830	4.37	219096	5.93	112594	7.16
6M37698.D	AC42548-003	315889	4.37	222036	5.93	111269	7.16
6M37699.D	AC42549-002	314778	4.37	226155	5.93	115044	7.15
6M37700.D	AC42549-003	320407	4.37	221795	5.93	113739	7.16
6M37701.D	AC42549-001	321014	4.37	236925	5.93	115776	7.16
6M37702.D	AC42535-003	325564	4.37	233645	5.93	113151	7.16
6M37703.D	AC42535-004	301637	4.38	211917	5.94	101489	7.16
6M37704.D	BLK	316524	4.37	230191	5.93	116227	7.16
6M37705.D	BLK	323321	4.38	220804	5.94	114168	7.16
6M37706.D	BLK	317680	4.37	223278	5.93	112342	7.16
6M37707.D	BLK	320792	4.37	222784	5.93	111957	7.16
6M37708.D	BLK	313312	4.37	225775	5.93	112173	7.16

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M38278.D Method: EPA 624

Analysis Date/Time: 02/20/09 06:50

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	356909	4.39	257257	5.95	138988	7.17						
Eval File Area Limit:	178454-713818		128628-514514		69494-277976							
Eval File Rt Limit:	3.89-4.89		5.45-6.45		6.67-7.67							

Data File	Sample						
6M38277.D	20 PPB	320358	4.39	227981	5.95	117578	7.17
6M38279.D	BLK	343971	4.40	253083	5.95	127448	7.18
6M38281.D	DAILY BLAN	296847	4.40	215126	5.95	99779	7.18
6M38283.D	MBS11348	345104	4.40	243273	5.95	141189	7.18
6M38284.D	BLKJUG#2	328216	4.40	239310	5.96	118949	7.18
6M38285.D	AC42798-011	303999	4.39	245056	5.95	122067	7.18
6M38286.D	AC42798-009	356416	4.39	258187	5.95	131082	7.18
6M38287.D	BLK	344143	4.40	251991	5.95	130086	7.18
6M38295.D	BLKJG#2	328441	4.40	233245	5.95	119506	7.18
6M38297.D	BLKHCL	326598	4.40	227001	5.95	118733	7.18
6M38298.D	AC42798-010	333412	4.40	246236	5.96	126485	7.18
6M38305.D	BLK	338271	4.40	243183	5.95	129624	7.17
6M38306.D	AC42811-001	318011	4.40	232716	5.95	119747	7.18
6M38307.D	AC42821-001	245832	4.39	181348	5.95	100244	7.17
6M38308.D	AC42817-001	329478	4.39	238192	5.95	129747	7.17
6M38309.D	BLK	329504	4.39	221297	5.95	119008	7.18
6M38311.D	AC42811-001	352277	4.40	246287	5.95	130690	7.18
6M38312.D	AC42821-001	346128	4.40	248552	5.95	129076	7.18
6M38313.D	BLKHCL	334712	4.39	244949	5.95	131368	7.17
6M38314.D	BLKJUG2	345754	4.39	253576	5.95	128680	7.17
6M38315.D	MBS11355	356737	4.39	249366	5.95	138086	7.17
6M38316.D	BLKJUG1	346571	4.40	245992	5.95	125252	7.18
6M38317.D	AC42831-005	342508	4.40	246685	5.95	126257	7.17
6M38318.D	AC42831-004	340606	4.39	247178	5.95	125429	7.17
6M38319.D	AC42831-003	350161	4.39	246160	5.95	125846	7.17
6M38320.D	AC42831-002	342296	4.39	239935	5.95	125492	7.17
6M38321.D	AC42831-001	342222	4.39	243103	5.95	124001	7.17
6M38322.D	MBS11360	348253	4.39	254208	5.95	143120	7.17
6M38323.D	AC42811-001	354971	4.39	255000	5.94	137742	7.17
6M38324.D	AC42811-001	359958	4.39	258926	5.94	143904	7.17
6M38325.D	BLK	337412	4.39	247243	5.95	126813	7.17
6M38326.D	BLK	339347	4.39	243159	5.94	126274	7.17
6M38327.D	BLK	340615	4.39	245456	5.94	125582	7.17
6M38328.D	BLK	328473	4.39	233379	5.94	119173	7.17

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M38331.D Method: EPA 624

Analysis Date/Time: 02/23/09 06:58

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	378639	4.38	264970	5.94	139404	7.16						
Eval File Area Limit:	189320-757278		132485-529940		69702-278808							
Eval File Rt Limit:	3.88-4.88		5.44-6.44		6.66-7.66							

Data File	Sample						
6M38332.D	BLKJUG3	358560	4.39	256459	5.94	129470	7.16
6M38334.D	DAILY BLAN	360244	4.39	254028	5.94	126402	7.16
6M38339.D	MBS11363	367780	4.39	257333	5.94	140977	7.16
6M38343.D	BLKJUG	360891	4.39	257750	5.94	133571	7.16
6M38346.D	BLKJUG#2	368544	4.38	270624	5.94	138891	7.16
6M38347.D	AC42817-001	327278	4.39	231984	5.94	127386	7.16
6M38348.D	BLK	365231	4.39	265256	5.94	136756	7.16
6M38352.D	AC42680-001	385135	4.39	270604	5.94	148096	7.16
6M38353.D	AC42680-001	370810	4.39	262435	5.94	142696	7.16
6M38354.D	BLK	370607	4.39	270029	5.94	137541	7.16
6M38355.D	BLK	371964	4.39	274344	5.94	137386	7.17
6M38356.D	BLK	366085	4.39	265464	5.94	140627	7.17
6M38357.D	MBS11368	382755	4.39	270642	5.94	150206	7.16
6M38358.D	BLK	357032	4.39	254620	5.94	135127	7.16
6M38368.D	AC42831-003	375724	4.39	268811	5.94	149417	7.16
6M38369.D	AC42831-003	388877	4.39	270682	5.94	153276	7.16
6M38370.D	BLK	359115	4.39	258927	5.94	140869	7.16
6M38371.D	AC42857-002	357403	4.39	258389	5.94	136873	7.16
6M38372.D	AC42850-004	350767	4.39	245387	5.94	127256	7.16
6M38373.D	AC42850-005	345746	4.38	263595	5.94	129403	7.16
6M38374.D	AC42851-009	353025	4.39	250393	5.94	132584	7.16
6M38375.D	AC42850-001	343980	4.39	241260	5.94	123432	7.16
6M38376.D	AC42850-002	344007	4.38	247314	5.94	128882	7.16
6M38377.D	AC42850-003	334546	4.39	250539	5.94	126607	7.16
6M38378.D	AC42857-003	342444	4.39	245867	5.94	116379	7.17
6M38379.D	AC42857-004	335356	4.38	244941	5.94	124357	7.16
6M38380.D	AC42857-005	339368	4.39	245090	5.94	127946	7.16
6M38381.D	AC42857-006	335396	4.39	249055	5.94	131270	7.16
6M38382.D	AC42857-007	335627	4.39	251523	5.94	121431	7.16
6M38383.D	MBS11371	330285	4.39	243842	5.94	138480	7.16
6M38384.D	BLK	333235	4.38	239792	5.94	120855	7.16
6M38385.D	AC42857-001	325790	4.39	231247	5.94	120026	7.16
6M38386.D	BLK	341037	4.38	240810	5.94	112781	7.16
6M38387.D	BLK	330803	4.39	234534	5.94	121348	7.16
6M38388.D	BLK	324193	4.38	240823	5.94	117622	7.16
6M38389.D	BLK	320918	4.39	231555	5.94	120688	7.17
6M38390.D	BLK	312163	4.39	231186	5.94	116416	7.16
6M38391.D	BLK	318094	4.39	231769	5.94	117847	7.16
6M38392.D	BLK	312874	4.39	221578	5.94	113190	7.17

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M42019.D Method: EPA 8260B

Analysis Date/Time: 02/23/09 11:08

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	213252	4.67	168840	6.50	95684	7.92						
Eval File Area Limit:	106626-426504		84420-337680		47842-191368							
Eval File Rt Limit:	4.17-5.17		6-7		7.42-8.42							

Data File	Sample						
1M42013.D	50 PPB	232368	4.68	182739	6.49	104459	7.92
1M42014.D	CAL @ 50 P	201606	4.67	158207	6.49	89108	7.92
1M42016.D	CAL @ 500 P	197235	4.67	143863	6.50	78219	7.92
1M42017.D	CAL @ 250 P	200514	4.67	157022	6.50	88017	7.92
1M42018.D	CAL @ 100 P	208011	4.67	169944	6.50	94741	7.92
1M42019.D	CAL @ 20 P	213252	4.67	168840	6.50	95684	7.92
1M42020.D	CAL @ 10 P	223550	4.67	180571	6.49	106559	7.92
1M42021.D	CAL @ 5 PP	222354	4.67	175560	6.50	104091	7.92
1M42022.D	CAL @ 1 PP	220719	4.67	177868	6.50	104916	7.92
1M42023.D	ICV	210112	4.67	170968	6.50	97790	7.92
1M42024.D	BLK	231302	4.67	188592	6.50	105395	7.92
1M42025.D	DAILY BLAN	225965	4.67	188050	6.50	108990	7.92
1M42026.D	BLK	7003	4.54	0	0.00 R	0	0.00 R
1M42027.D	MBS11367	237947	4.67	182374	6.50	103454	7.92
1M42028.D	BLK	225341	4.67	183542	6.50	104526	7.92
1M42029.D	AC42731-002	218728	4.67	169648	6.50	95968	7.92
1M42030.D	AC42731-004	214902	4.67	176731	6.50	100323	7.92
1M42031.D	AC42731-007	169487	4.67	136636	6.50	78762	7.92
1M42032.D	AC42731-006	392827	4.78	110537	6.50	100714	7.91
1M42033.D	MBS11369	199230	4.67	162389	6.50	90865	7.92
1M42034.D	AC42725-008	195903	4.67	158481	6.50	93935	7.92
1M42035.D	AC42772-003	196496	4.67	129728	6.50	51780	7.92
1M42036.D	AC42704-001	215340	4.67	178832	6.50	101420	7.92
1M42037.D	AC42725-009	208980	4.67	170654	6.50	95870	7.92
1M42038.D	AC42771-001	210517	4.67	162349	6.50	88332	7.92
1M42039.D	AC42771-002	206555	4.67	157345	6.49	82600	7.92
1M42040.D	AC42771-003	219509	4.67	172452	6.50	91784	7.92
1M42041.D	AC42771-004	207894	4.67	148732	6.49	72285	7.92
1M42042.D	AC42772-001	219705	4.67	174958	6.50	98510	7.92
1M42043.D	AC42772-002	222497	4.67	177307	6.50	99850	7.92
1M42044.D	AC42725-007	201352	4.67	166969	6.49	96107	7.92
1M42045.D	AC42725-013	203694	4.67	170189	6.49	96899	7.92
1M42046.D	AC42725-014	203758	4.67	167230	6.49	96523	7.92
1M42047.D	AC42781-001	201497	4.67	159872	6.49	78673	7.92
1M42048.D	AC42792-001	190680	4.67	152674	6.49	78347	7.92
1M42049.D	AC42792-002	196190	4.67	161810	6.49	91803	7.91
1M42050.D	AC42767-001	120924	4.67	92740	6.49	81623	7.92
1M42051.D	MBS11370	207643	4.66	170200	6.49	94878	7.91
1M42052.D	AC42772-003	184431	4.67	117569	6.49	41687	7.91
1M42053.D	AC42772-003	223065	4.67	179630	6.50	96157	7.92
1M42054.D	BLK	203992	4.67	170454	6.49	96887	7.91
1M42055.D	BLK	200412	4.67	161477	6.49	90779	7.92
1M42056.D	BLK	205613	4.67	168546	6.49	91073	7.91
1M42057.D	BLK	195284	4.67	157578	6.49	89044	7.91
1M42058.D	BLK	198723	4.67	155726	6.49	87268	7.92
1M42059.D	BLK	203616	4.67	165493	6.49	92419	7.91
1M42060.D	BLK	195012	4.67	159700	6.49	88978	7.91

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M38396.D Method: EPA 624

Analysis Date/Time: 02/24/09 07:20

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	340839	4.38	258682	5.94	130719	7.16						
Eval File Area Limit:	170420-681678		129341-517364		65360-261438							
Eval File Rt Limit:	3.88-4.88		5.44-6.44		6.66-7.66							

Data File	Sample						
6M38395.D	20 PPB	335272	4.38	242659	5.94	134229	7.16
6M38397.D	BLK	341734	4.38	254244	5.94	135628	7.16
6M38399.D	BLKHCL	327818	4.38	230498	5.94	112083	7.16
6M38403.D	MBS11375	363452	4.38	256763	5.94	134130	7.16
6M38404.D	BLKJUG1	345679	4.38	248658	5.94	128229	7.17
6M38405.D	DAILY BLAN	345562	4.38	248767	5.94	131004	7.16
6M38406.D	BLKHCL	351676	4.38	251310	5.94	128305	7.16
6M38407.D	AC42868-012	336629	4.38	241180	5.94	125138	7.16
6M38408.D	AC42868-014	341509	4.38	244485	5.94	126119	7.16
6M38413.D	MBS11379	343709	4.38	244539	5.94	136471	7.16
6M38414.D	BLK	336032	4.38	242869	5.94	117731	7.16
6M38415.D	AC42869-001	327160	4.38	241088	5.94	118364	7.16
6M38416.D	AC42869-002	333643	4.38	247402	5.94	115817	7.16
6M38417.D	AC42869-003	322893	4.38	236287	5.94	113264	7.16
6M38418.D	AC42869-004	317047	4.38	231472	5.94	116226	7.16
6M38419.D	AC42868-006	326031	4.38	237754	5.94	121156	7.16
6M38420.D	AC42868-008	311735	4.38	229235	5.94	117678	7.16
6M38421.D	AC42868-009	306825	4.38	225322	5.94	108836	7.16
6M38422.D	AC42873-001	345599	4.38	245207	5.94	118601	7.16
6M38423.D	AC42873-002	326592	4.38	227747	5.94	115914	7.16
6M38424.D	MBS11381	337250	4.38	242743	5.94	134778	7.16
6M38425.D	AC42833-006	333121	4.38	241227	5.94	135087	7.16
6M38426.D	AC42833-006	344499	4.38	256279	5.94	136275	7.16
6M38427.D	BLK	332507	4.38	237970	5.94	120026	7.16
6M38428.D	AC42869-002	317341	4.38	226604	5.94	121129	7.16
6M38429.D	BLK	335834	4.38	243047	5.94	122768	7.16
6M38430.D	AC42868-006	319633	4.38	229358	5.94	115235	7.16
6M38433.D	BLK	352117	4.38	246022	5.94	126271	7.16
6M38434.D	BLK	341360	4.38	237904	5.94	126376	7.16
6M38435.D	BLK	340278	4.38	231633	5.94	118702	7.16
6M38436.D	BLK	329912	4.38	240194	5.94	120037	7.16
6M38437.D	BLK	322989	4.38	227475	5.94	119319	7.16
6M38438.D	BLK	324222	4.38	229484	5.94	118657	7.16
6M38439.D	BLK	312162	4.38	226374	5.94	115560	7.16
6M38440.D	BLK	324617	4.38	227019	5.94	115215	7.16

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M42124.D Method: EPA 8260B

Analysis Date/Time: 02/25/09 08:31

Lab File ID: CAL @ 50 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	222791	4.65	173256	6.48	95536	7.90						
Eval File Area Limit:	111396-445582		86628-346512		47768-191072							
Eval File Rt Limit:	4.15-5.15		5.98-6.98		7.4-8.4							

Data File	Sample						
1M42125.D	BLK	214419	4.66	176138	6.48	95299	7.90
1M42126.D	DAILY BLAN	198606	4.67	164758	6.50	92388	7.92
1M42127.D	AC42798-007	130220	4.65	58307	6.48	14512	7.90
1M42128.D	AC42798-002	177391	4.66	116486	6.48	40639	7.90
1M42129.D	AC42798-004	191996	4.66	126480	6.48	43444	7.90
1M42130.D	MBS11391	202818	4.66	166550	6.48	94999	7.90
1M42131.D	AC42725-006	204438	4.66	168029	6.48	97559	7.90
1M42132.D	AC42823-001	248049	4.67	196886	6.48	108639	7.90
1M42133.D	AC42823-002	192910	4.66	158229	6.48	81134	7.90
1M42134.D	AC42823-003	201648	4.66	169656	6.48	88055	7.90
1M42135.D	AC42823-004	228753	4.66	186095	6.49	107360	7.91
1M42136.D	AC42823-005	223026	4.66	187821	6.48	106946	7.90
1M42137.D	AC42823-006	225212	4.66	190069	6.48	103916	7.90
1M42138.D	AC42823-007	203005	4.66	168453	6.48	94512	7.90
1M42139.D	AC42823-008	210194	4.66	179313	6.48	99648	7.91
1M42140.D	AC42841-002	210383	4.66	175481	6.48	99803	7.90
1M42141.D	AC42860-002	191969	4.66	149067	6.48	66451	7.91
1M42142.D	AC42860-004	213471	4.66	175167	6.48	95986	7.91
1M42143.D	AC42860-006	205449	4.67	161079	6.48	77591	7.90
1M42144.D	AC42859-006	200387	4.66	152875	6.48	72832	7.91
1M42145.D	AC42859-004	192654	4.66	146803	6.48	69162	7.91
1M42146.D	AC42859-002	186940	4.66	150187	6.48	73489	7.91
1M42147.D	AC42861-001	198107	4.67	167068	6.48	96079	7.91
1M42148.D	AC42868-001	212167	4.66	166254	6.48	82569	7.91
1M42149.D	AC42868-001	195235	4.66	154995	6.49	86233	7.91
1M42150.D	BLK	207042	4.66	175081	6.48	101884	7.91
1M42151.D	BLK	202520	4.66	176835	6.48	103030	7.91
1M42152.D	AC42820-006	183468	4.66	150897	6.48	82157	7.91
1M42153.D	AC42820-009	191790	4.67	146606	6.48	67862	7.90
1M42154.D	AC42868-001	207022	4.66	177592	6.49	101432	7.91
1M42155.D	AC42725-012	211806	4.66	173314	6.48	101381	7.91
1M42156.D	MBS11395	218663	4.66	183520	6.48	106825	7.91
1M42157.D	AC42868-002	194299	4.67	156921	6.50	74720	7.92
1M42158.D	AC42868-002	198312	4.66	156337	6.49	77283	7.91
1M42159.D	BLK	219881	4.66	188613	6.48	110314	7.91
1M42160.D	AC42868-002	210936	4.66	180974	6.48	101947	7.90
1M42161.D	AC42868-003	185207	4.67	153813	6.48	80942	7.90
1M42162.D	AC42868-004	192486	4.66	160010	6.49	86447	7.91
1M42163.D	AC42868-005	192184	4.66	151805	6.48	72853	7.91
1M42164.D	AC42880-001	189956	4.66	142145	6.48	61862	7.91
1M42165.D	MBS11396	210896	4.66	175978	6.49	100637	7.91
1M42166.D	BLK	205396	4.66	173789	6.48	101538	7.91
1M42167.D	BLK	203954	4.66	175197	6.48	98132	7.91
1M42168.D	BLK	184930	4.66	153126	6.48	87132	7.91
1M42169.D	BLK	198098	4.66	165830	6.49	89722	7.91
1M42170.D	BLK	205004	4.66	177191	6.49	101461	7.91
1M42171.D	BLK	200857	4.66	170722	6.48	97837	7.91
1M42172.D	BLK	193569	4.66	170446	6.48	96640	7.91

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M42179.D Method: EPA 8260B

Analysis Date/Time: 02/26/09 08:07

Lab File ID: CAL @ 50 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	222815	4.66	187308	6.48	100448	7.91						
Eval File Area Limit:	111408-445630		93654-374616		50224-200896							
Eval File Rt Limit:	4.16-5.16		5.98-6.98		7.41-8.41							

Data File	Sample						
1M42180.D	BLK	227044	4.66	186905	6.49	104637	7.91
1M42181.D	DAILY BLAN	204653	4.66	176316	6.48	100713	7.91
1M42182.D	BLK	190034	4.66	160630	6.49	94449	7.91
1M42183.D	MBS11399	198834	4.66	169315	6.48	99222	7.91
1M42184.D	BLK	196393	4.66	171025	6.48	96563	7.91
1M42185.D	AC42823-002	182227	4.66	148837	6.48	75629	7.91
1M42186.D	AC42823-005	213519	4.66	181964	6.49	103352	7.91
1M42187.D	AC42845-001	222331	4.66	185036	6.49	96860	7.91
1M42188.D	AC42845-002	161946	4.66	79119	6.49	18775	7.91
1M42189.D	AC42845-003	185547	4.66	116437	6.49	44925	7.91
1M42190.D	AC42845-004	213098	4.67	171377	6.49	90088	7.91
1M42191.D	AC42866-001	200131	4.66	167814	6.49	93952	7.91
1M42192.D	AC42866-002	194212	4.66	163005	6.49	90075	7.91
1M42193.D	AC42866-003	191983	4.66	162978	6.49	90795	7.91
1M42194.D	AC42866-004	192798	4.66	144258	6.49	57631	7.91
1M42195.D	AC42866-005	195946	4.66	163840	6.49	90844	7.91
1M42196.D	AC42866-006	195326	4.67	162572	6.49	93490	7.91
1M42197.D	AC42866-007	182492	4.66	148338	6.49	73153	7.91
1M42198.D	AC42866-008	190187	4.66	159528	6.49	89622	7.91
1M42199.D	AC42866-009	177442	4.66	133233	6.49	61473	7.91
1M42200.D	AC42866-010	186577	4.66	154859	6.49	87383	7.91
1M42201.D	AC42866-011	190208	4.66	156147	6.49	79383	7.91
1M42202.D	AC42866-012	178933	4.67	139863	6.49	70250	7.91
1M42203.D	AC42798-004	171379	4.67	116752	6.49	40641	7.91
1M42204.D	AC42845-001	182571	4.66	110039	6.49	33746	7.91
1M42205.D	AC42845-001	213321	4.66	173912	6.49	96454	7.91
1M42206.D	AC42880-001	188135	4.66	148372	6.49	67285	7.91
1M42207.D	BLK	188539	4.66	165401	6.49	92901	7.91
1M42208.D	AC42868-001	172497	4.67	137079	6.49	68090	7.91
1M42209.D	AC42820-007	186801	4.66	159819	6.49	89171	7.91
1M42210.D	AC42820-008	193664	4.66	162713	6.49	81135	7.91
1M42211.D	MBS11402	201870	4.66	171364	6.49	97371	7.91
1M42212.D	AC42845-002	162139	4.66	82389	6.49	23755	7.91
1M42213.D	AC42845-002	160562	4.66	82822	6.49	22973	7.91
1M42214.D	AC42789-001	189320	4.66	160854	6.49	89377	7.91
1M42215.D	AC42788-004	192123	4.67	167080	6.49	96059	7.92
1M42216.D	AC42788-005	202196	4.66	174789	6.49	101690	7.91
1M42217.D	AC42788-006	154185	4.66	137057	6.49	76451	7.91
1M42218.D	AC42788-007	192188	4.66	165919	6.49	96817	7.91
1M42219.D	AC42788-011	182576	4.67	157988	6.49	90804	7.91
1M42220.D	AC42808-001	176912	4.66	150498	6.49	79440	7.91
1M42221.D	BLK	187153	4.66	160104	6.49	95355	7.91
1M42222.D	BLK	195144	4.67	168249	6.50	92503	7.93
1M42223.D	BLK	187330	4.66	159680	6.49	91074	7.91
1M42224.D	BLK	187416	4.66	168370	6.49	97226	7.91
1M42225.D	BLK	184696	4.66	164989	6.49	93568	7.91
1M42226.D	BLK	183223	4.66	160980	6.49	93949	7.91
1M42227.D	BLK	192368	4.66	169396	6.49	98133	7.91
1M42228.D	BLK	184962	4.67	161386	6.49	91609	7.91

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M42231.D Method: EPA 8260B

Analysis Date/Time: 02/27/09 06:43

Lab File ID: CAL @ 50 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	253492	4.69	212809	6.51	119365	7.92						
Eval File Area Limit:	126746-506984		106404-425618		59682-238730							
Eval File Rt Limit:	4.19-5.19		6.01-7.01		7.42-8.42							

Data File	Sample						
1M42232.D	BLK	275130	4.69	238425	6.51	134741	7.92
1M42233.D	DAILY BLAN	252339	4.69	220359	6.51	124600	7.92
1M42234.D	MBS11407	267779	4.69	223817	6.51	126961	7.92
1M42235.D	BLKTEST	256159	4.70	222686	6.51	130236	7.93
1M42236.D	AC42959-003	278756	4.70	238469	6.51	138128	7.93
1M42237.D	AC42959-004	255763	4.70	228701	6.51	132967	7.93
1M42238.D	AC42863-001	234355	4.70	186356	6.51	88044	7.93
1M42239.D	AC42863-002	242248	4.70	196693	6.51	99586	7.93
1M42240.D	AC42863-003	265403	4.70	224222	6.51	125216	7.93
1M42241.D	AC42863-004	246841	4.70	206086	6.51	106025	7.93
1M42242.D	AC42863-005	247263	4.70	218063	6.51	123475	7.93
1M42243.D	AC42863-006	225513	4.70	168487	6.51	64664	7.93
1M42244.D	AC42953-002	260606	4.70	227591	6.51	130031	7.93
1M42245.D	MBS11410	261418	4.70	231356	6.51	132736	7.93
1M42246.D	AC42789-001	273145	4.70	234863	6.52	126556	7.93
1M42247.D	AC42789-001	267912	4.70	228121	6.51	124079	7.93
1M42248.D	BLK	273839	4.70	242511	6.51	138078	7.93
1M42249.D	AC42918-007	266273	4.70	220168	6.51	104928	7.93
1M42250.D	AC42951-001	185751	4.70	114847	6.51	41224	7.93
1M42251.D	MBS11413	254440	4.70	224672	6.51	127926	7.93
1M42252.D	BLK	263953	4.70	232509	6.51	132455	7.93
1M42253.D	AC42863-006	196743	4.70	135736	6.51	49874	7.93
1M42254.D	AC42866-012	271047	4.70	239885	6.51	133830	7.93
1M42255.D	AC42875-001	218173	4.70	161185	6.51	56912	7.93
1M42256.D	AC42951-001	150158	4.70	76461	6.51	20394	7.93
1M42257.D	AC42868-005	249453	4.70	205325	6.51	97525	7.93
1M42258.D	AC42875-001	158597	4.67	123378	6.50	47377	7.92
1M42259.D	AC42868-005	175651	4.67	149524	6.50	73297	7.93
1M42260.D	BLK	185602	4.67	172838	6.50	100263	7.93
1M42261.D	BLK	177869	4.67	159194	6.50	91146	7.93
1M42262.D	AC42990-002	195077	4.67	175977	6.50	104855	7.93
1M42263.D	MBS11416	193100	4.67	170527	6.50	99879	7.93
1M42264.D	BLK	191594	4.67	174787	6.50	103589	7.93
1M42265.D	AC42916-001	182192	4.67	162911	6.50	95085	7.93
1M42266.D	AC42916-002	189697	4.67	170069	6.50	98331	7.93
1M42267.D	AC42916-008	178381	4.67	155584	6.50	83002	7.92
1M42268.D	AC42916-014	186236	4.67	164350	6.50	98622	7.92
1M42269.D	AC42916-015	187706	4.68	167688	6.50	96662	7.92
1M42271.D	AC42880-001	176271	4.67	136414	6.50	62692	7.93
1M42272.D	AC42880-001	175000	4.67	136479	6.50	58381	7.93
1M42273.D	MBS11418	186268	4.68	164127	6.51	98275	7.93
1M42274.D	BLK	190313	4.67	170516	6.50	102652	7.93
1M42275.D	BLK	181564	4.67	166424	6.50	98984	7.93
1M42276.D	BLK	187576	4.67	167492	6.50	96242	7.93
1M42277.D	BLK	180405	4.67	161686	6.50	94857	7.93
1M42278.D	BLK	182284	4.67	167284	6.50	98487	7.93
1M42279.D	BLK	195055	4.68	174016	6.50	99054	7.93
1M42280.D	BLK	183870	4.67	166926	6.50	98178	7.93
1M42281.D	BLK	176275	4.68	156823	6.50	91927	7.93
1M42282.D	BLK	178503	4.67	159689	6.50	92863	7.93

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

GC/MS Volatile Data
Sample Data

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-001
Client Id: WB-2
Data File: 1M42208.D
Analysis Date: 02/26/09 16:26
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.08g
Final Vol: NA
Dilution: 0.984
Solids: 72

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0068	U	56-23-5	Carbon Tetrachloride	0.0068	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0068	U	108-90-7	Chlorobenzene	0.0068	U
76-13-1	**1,1,2-Trichloro-1,2,2-triflu**	**0.0068**	**0.0089**	75-00-3	Chloroethane	0.0068	U
79-00-5	1,1,2-Trichloroethane	0.0068	U	67-66-3	Chloroform	0.0068	U
75-34-3	1,1-Dichloroethane	0.0068	U	74-87-3	Chloromethane	0.0068	U
75-35-4	1,1-Dichloroethene	0.0068	U	156-59-2	cis-1,2-Dichloroethene	0.0068	U
96-18-4	1,2,3-Trichloropropane	0.0068	U	10061-01-5	cis-1,3-Dichloropropene	0.0068	U
95-63-6	1,2,4-Trimethylbenzene	0.0014	U	124-48-1	Dibromochloromethane	0.0068	U
95-50-1	1,2-Dichlorobenzene	0.0068	U	75-71-8	Dichlorodifluoromethane	0.0068	U
107-06-2	1,2-Dichloroethane	0.0068	U	100-41-4	Ethylbenzene	0.0014	U
78-87-5	1,2-Dichloropropane	0.0068	U	98-82-8	Isopropylbenzene	0.0014	U
108-67-8	1,3,5-Trimethylbenzene	0.0014	U	136777612	m&p-Xylenes	0.0027	U
541-73-1	1,3-Dichlorobenzene	0.0068	U	75-09-2	Methylene Chloride	0.0068	U
142-28-9	1,3-Dichloropropane	0.0068	U	1634-04-4	Methyl-t-butyl ether	0.0014	U
106-46-7	1,4-Dichlorobenzene	0.0068	U	104-51-8	n-Butylbenzene	0.0014	U
123-91-1	1,4-Dioxane	0.34	U	103-65-1	n-Propylbenzene	0.0014	U
78-93-3	**2-Butanone**	**0.0068**	**0.039**	95-47-6	o-Xylene	0.0014	U
110-75-8	2-Chloroethylvinylether	0.0068	U	135-98-8	sec-Butylbenzene	0.0014	U
591-78-6	2-Hexanone	0.0068	U	100-42-5	Styrene	0.0068	U
99-87-6	4-Isopropyltoluene	0.0014	U	75-65-0	t-Butyl Alcohol	0.034	U
108-10-1	4-Methyl-2-Pentanone	0.0068	U	98-06-6	t-Butylbenzene	0.0014	U
67-64-1	**Acetone**	**0.034**	**0.19**	127-18-4	Tetrachloroethene	0.0068	U
107-02-8	Acrolein	0.034	U	108-88-3	Toluene	0.0014	U
107-13-1	Acrylonitrile	0.0068	U	156-60-5	trans-1,2-Dichloroethene	0.0068	U
71-43-2	Benzene	0.0014	U	10061-02-6	trans-1,3-Dichloropropene	0.0068	U
75-27-4	Bromodichloromethane	0.0068	U	79-01-6	Trichloroethene	0.0068	U
75-25-2	Bromoform	0.0068	U	75-69-4	Trichlorofluoromethane	0.0068	U
74-83-9	Bromomethane	0.0068	U	75-01-4	Vinyl Chloride	0.0068	U
75-15-0	Carbon Disulfide	0.0068	U	1330-20-7	Xylenes (Total)	0.0014	U

Worksheet #: 110162

Total Target Concentration 0.24

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-001
Client Id: WB-2
Data File: 1M42208.D
Analysis Date: 02/26/09 16:26
Date Rec/Extracted: 02/20/09-NA

Matrix: Soil
Initial Vol: 5.08g
Final Vol: NA
Dilution: 0.984
Solids: 72
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

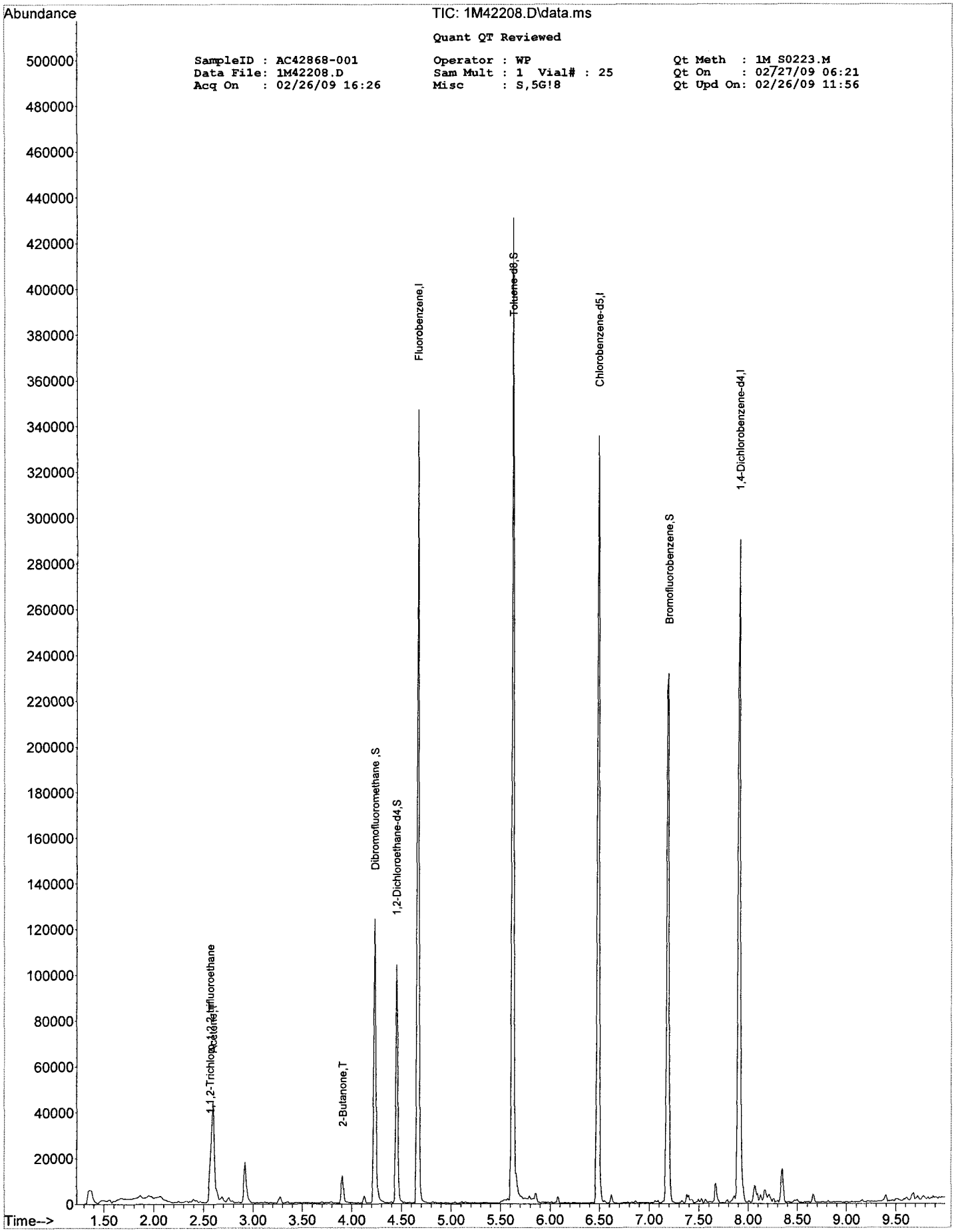
SampleID : AC42868-001 Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42208.D Sam Mult : 1 Vial# : 25 Qt On : 02/27/09 06:21
Acq On : 02/26/09 16:26 Misc : S,5G!8 Qt Upd On: 02/26/09 11:56

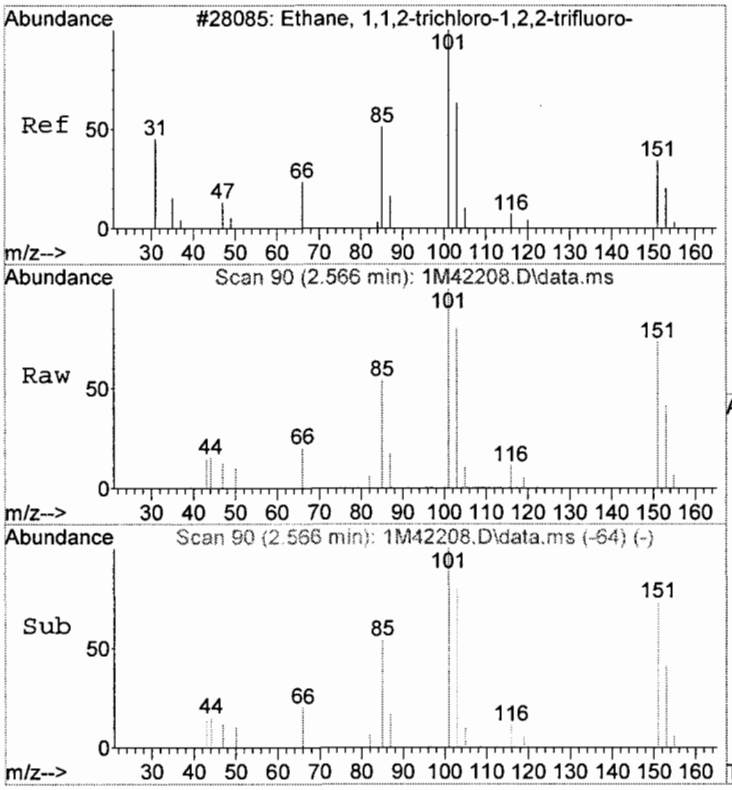
Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.665	96	172497	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.488	117	137079	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.908	152	68090	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.231	111	55108	34.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 115.90%			
32) 1,2-Dichloroethane-d4	4.448	102	9321	31.33	ug/l	-0.02
Spiked Amount 30.000			Recovery = 104.43%			
56) Toluene-d8	5.621	100	115356	29.35	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.83%			
64) Bromofluorobenzene	7.188	174	59222	30.53	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.77%			
Target Compounds						Qvalue
9) 1,1,2-Trichloro-1,2,2-...	2.566	101	7164	6.51	ug/l	91
14) Acetone	2.595	43	57082	137.17	ug/l	97
34) 2-Butanone	3.906	43	13902	28.42	ug/l	92
Library Search Compounds						

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

16

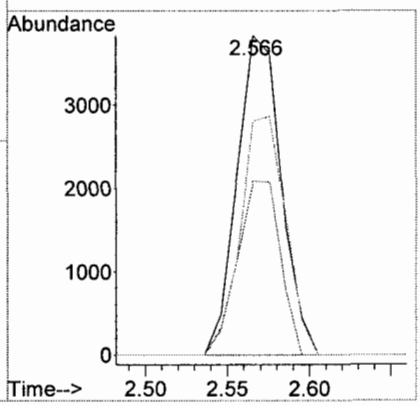

Abundance
TIC: 1M42208.D\data.ms
Quant QT Reviewed
SampleID : AC42868-001
Data File: 1M42208.D
Acq On : 02/26/09 16:26
Operator : WP
Sam Mult : 1 Vial# : 25
Misc : S,5G!8
Qt Meth : 1M_S0223.M
Qt On : 02/27/09 06:21
Qt Upd On: 02/26/09 11:56
1,1,2-Trichloro-1,2,2-trifluoroethane
2-Butanone,T
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

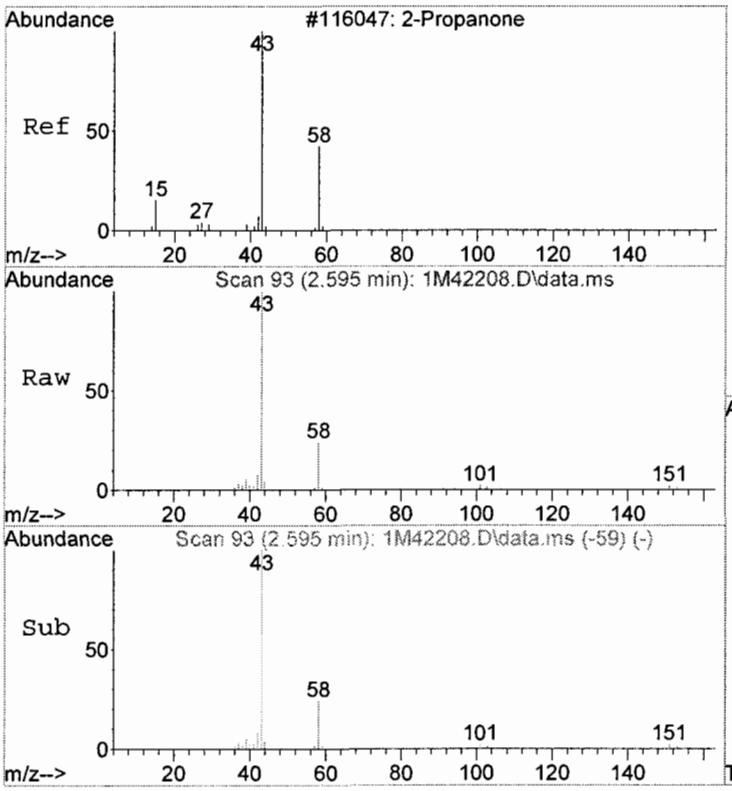


#9
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.51 ug/l
RT: 2.566 min Scan# 90
Delta R.T. -0.018 min
Lab File: 1M42208.D
Acq: 26 Feb 2009 16:26

Tgt Ion:101 Resp: 7164

Ion	Ratio	Lower	Upper
101	100		
85	53.1	2.3	82.3
151	76.0	40.8	120.8

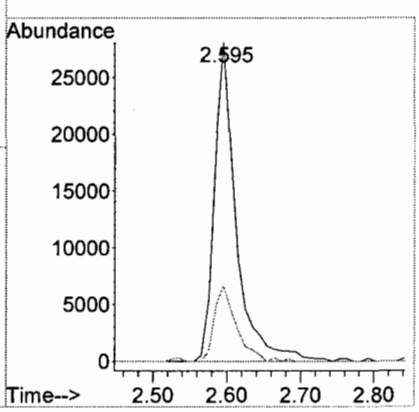


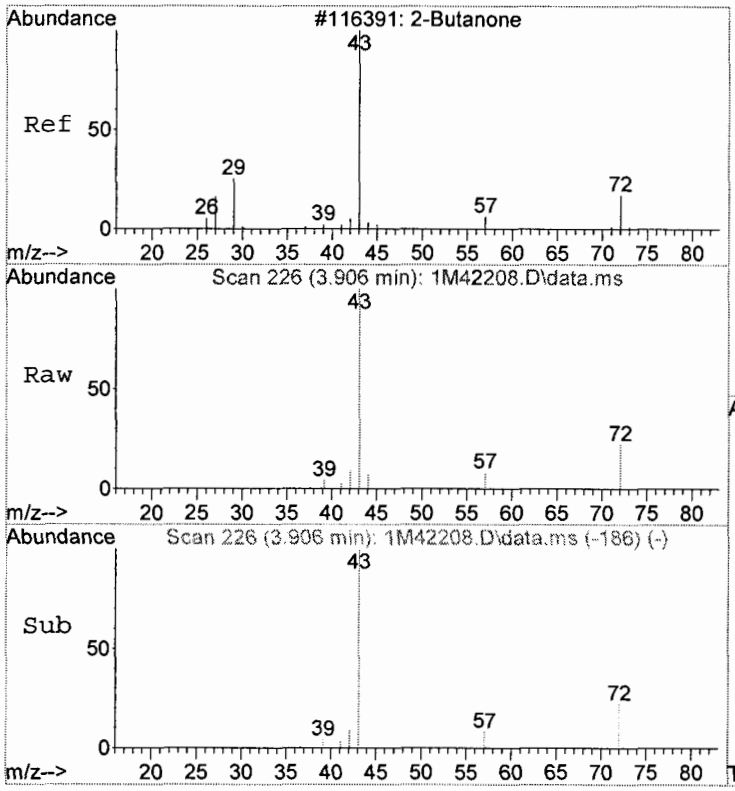


#14
Acetone
Concen: 137.17 ug/l
RT: 2.595 min Scan# 93
Delta R.T. -0.008 min
Lab File: 1M42208.D
Acq: 26 Feb 2009 16:26

Tgt Ion: 43 Resp: 57082

Ion	Ratio	Lower	Upper
43	100		
58	23.5	0.0	64.8

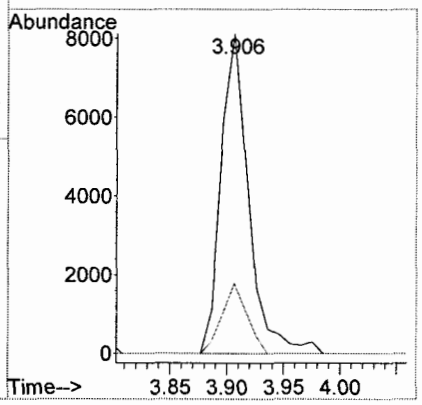




#34
2-Butanone
Concen: 28.42 ug/l
RT: 3.906 min Scan# 226
Delta R.T. -0.008 min
Lab File: 1M42208.D
Acq: 26 Feb 2009 16:26

Tgt Ion: 43 Resp: 13902

Ion	Ratio	Lower	Upper
43	100		
72	21.9	0.0	66.2



Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42208.D
Acq On : 26 Feb 2009 16:26
Operator : WP
Sample : AC42868-001
Misc : S,5G!8
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M42208.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.360	6	9	14	rBV	6110	22199	3.99%	0.701%
2	1.494	14	17	19	rVV2	1673	6981	1.25%	0.220%
3	1.561	19	21	22	rVV	1875	3907	0.70%	0.123%
4	1.678	22	28	29	rVV3	2647	13406	2.41%	0.423%
5	1.812	31	36	37	rVV4	2522	14047	2.52%	0.443%
6	1.863	37	39	41	rVV2	3682	11771	2.12%	0.371%
7	1.946	41	44	47	rVV3	3585	17800	3.20%	0.562%
8	2.030	47	49	50	rVV2	2762	8205	1.47%	0.259%
9	2.064	50	51	58	rVV2	3337	13199	2.37%	0.417%
10	2.215	58	60	61	rVV	614	1581	0.28%	0.050%
11	2.248	61	62	63	rVV	1032	1549	0.28%	0.049%
12	2.329	63	66	68	rVV	1116	3659	0.66%	0.115%
13	2.359	68	69	70	rVV	1066	1071	0.19%	0.034%
14	2.398	70	73	75	rVV	2013	4104	0.74%	0.130%
15	2.428	75	76	78	rVV2	1422	1838	0.33%	0.058%
16	2.467	78	80	82	rVV	1067	1538	0.28%	0.049%
17	2.497	82	83	84	rVV	592	489	0.09%	0.015%
18	2.595	84	93	99	rVV2	44234	115771	20.80%	3.654%
19	2.684	99	102	106	rVV2	2793	6812	1.22%	0.215%
20	2.753	106	109	112	rVV2	2502	5018	0.90%	0.158%
21	2.793	112	113	115	rVV2	987	914	0.16%	0.029%
22	2.832	115	117	118	rVV	314	523	0.09%	0.017%
23	2.852	118	119	121	rVV	440	497	0.09%	0.016%
24	2.921	121	126	133	rVV	17933	32956	5.92%	1.040%
25	3.000	133	134	136	rVB	391	385	0.07%	0.012%
26	3.029	136	137	138	rBV	294	326	0.06%	0.010%
27	3.049	138	139	141	rVB	126	146	0.03%	0.005%
28	3.078	141	142	145	rBV	309	433	0.08%	0.014%
29	3.118	145	146	148	rBV	422	357	0.06%	0.011%
30	3.147	148	149	150	rVB	481	284	0.05%	0.009%
31	3.177	150	152	155	rBV	444	813	0.15%	0.026%
32	3.216	155	156	158	rBV	170	254	0.05%	0.008%
33	3.275	158	162	165	rVB2	3065	5465	0.98%	0.172%
34	3.354	165	170	172	rBV	904	1814	0.33%	0.057%
35	3.384	172	173	175	rVB	114	88	0.02%	0.003%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42208.D
Acq On : 26 Feb 2009 16:26
Operator : WP
Sample : AC42868-001
Misc : S,5G!8
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

36	3.443	175	179	182	rBV	387	741	0.13%	0.023%
37	3.522	184	187	188	rBV	324	352	0.06%	0.011%
38	3.542	188	189	190	rBV	349	220	0.04%	0.007%
39	3.561	190	191	194	rVB	309	260	0.05%	0.008%
40	3.601	194	195	196	rBV	254	200	0.04%	0.006%
41	3.620	196	197	200	rVB	146	164	0.03%	0.005%
42	3.660	200	201	203	rBV	90	137	0.02%	0.004%
43	3.699	203	205	207	rVB	584	767	0.14%	0.024%
44	3.758	207	211	212	rBV	380	727	0.13%	0.023%
45	3.798	212	215	216	rVB	536	719	0.13%	0.023%
46	3.847	216	220	222	rVB	162	298	0.05%	0.009%
47	3.906	222	226	234	rBV	11979	20278	3.64%	0.640%
48	3.995	234	235	241	rVB	324	654	0.12%	0.021%
49	4.064	241	242	243	rVB	433	256	0.05%	0.008%
50	4.093	243	245	246	rBV	249	223	0.04%	0.007%
51	4.123	246	248	251	rBV	3167	4418	0.79%	0.139%
52	4.172	251	253	255	rVB	214	151	0.03%	0.005%
53	4.231	255	259	270	rBV	124093	185170	33.28%	5.844%
54	4.360	270	272	273	rVB	252	289	0.05%	0.009%
55	4.399	273	276	278	rBV	547	599	0.11%	0.019%
56	4.448	278	281	288	rBV	104038	145478	26.14%	4.591%
57	4.527	288	289	291	rVB	435	349	0.06%	0.011%
58	4.557	291	292	293	rBV	193	184	0.03%	0.006%
59	4.586	293	295	297	rVB	348	359	0.06%	0.011%
60	4.626	297	299	300	rBV	196	257	0.05%	0.008%
61	4.665	300	303	316	rVB	346797	434633	78.10%	13.717%
62	4.813	316	318	320	rBV	505	473	0.08%	0.015%
63	4.843	320	321	323	rVB	352	234	0.04%	0.007%
64	4.902	325	327	330	rBV	340	436	0.08%	0.014%
65	4.941	330	331	335	rBV	340	542	0.10%	0.017%
66	4.990	335	336	338	rBB	14	12	0.00%	0.000%
67	5.040	338	341	344	rVB	755	759	0.14%	0.024%
68	5.089	344	346	347	rBV	194	293	0.05%	0.009%
69	5.109	347	348	350	rVB	559	332	0.06%	0.010%
70	5.148	350	352	354	rVB	400	461	0.08%	0.015%
71	5.178	354	355	357	rBV	152	175	0.03%	0.006%
72	5.207	357	358	360	rBV	105	107	0.02%	0.003%
73	5.237	360	361	363	rVB	250	176	0.03%	0.006%
74	5.266	363	364	366	rBV	208	305	0.05%	0.010%
75	5.296	366	367	369	rVB	106	114	0.02%	0.004%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42208.D
Acq On : 26 Feb 2009 16:26
Operator : WP
Sample : AC42868-001
Misc : S,5G!8
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

76	5.325	369	370	371	rVB	206	122	0.02%	0.004%
77	5.365	371	374	379	rVB	324	758	0.14%	0.024%
78	5.444	379	382	384	rBV	222	298	0.05%	0.009%
79	5.473	384	385	386	rVB	135	80	0.01%	0.003%
80	5.542	386	392	394	rBV	1536	4709	0.85%	0.149%
81	5.572	394	395	397	rVV	1085	1243	0.22%	0.039%
82	5.621	397	400	411	rVV	429915	556479	100.00%	17.563%
83	5.749	411	413	416	rVV2	1264	3274	0.59%	0.103%
84	5.789	416	417	419	rVV	2220	2571	0.46%	0.081%
85	5.828	419	421	422	rVV	1134	1761	0.32%	0.056%
86	5.848	422	423	426	rVB	3813	5234	0.94%	0.165%
87	5.887	426	427	429	rVB	337	329	0.06%	0.010%
88	5.937	429	432	433	rVB	417	621	0.11%	0.020%
89	5.976	435	436	437	rBV	436	364	0.07%	0.011%
90	6.015	439	440	441	rVB	574	340	0.06%	0.011%
91	6.075	444	446	449	rVB	2800	3249	0.58%	0.103%
92	6.124	449	451	452	rVB	143	145	0.03%	0.005%
93	6.143	452	453	456	rBV	267	420	0.08%	0.013%
94	6.183	456	457	460	rVB	415	618	0.11%	0.020%
95	6.222	460	461	463	rBV	435	724	0.13%	0.023%
96	6.262	463	465	466	rVB	167	174	0.03%	0.005%
97	6.291	466	468	471	rVB	384	834	0.15%	0.026%
98	6.370	471	476	477	rBV	453	1341	0.24%	0.042%
99	6.400	477	479	480	rBV	151	134	0.02%	0.004%
100	6.419	480	481	484	rBV	229	309	0.06%	0.010%
101	6.488	484	488	493	rBV	335359	483214	86.83%	15.250%
102	6.548	493	494	497	rVB	1053	1301	0.23%	0.041%
103	6.617	497	501	505	rBV	3804	4850	0.87%	0.153%
104	6.666	505	506	508	rVB	170	114	0.02%	0.004%
105	6.695	508	509	510	rVB	368	218	0.04%	0.007%
106	6.725	510	512	515	rBV	455	1103	0.20%	0.035%
107	6.764	515	516	517	rBV	118	86	0.02%	0.003%
108	6.784	517	518	520	rVB	451	318	0.06%	0.010%
109	6.824	520	522	524	rBV	459	452	0.08%	0.014%
110	6.863	524	526	529	rVB2	939	1024	0.18%	0.032%
111	6.902	529	530	531	rBV	212	139	0.02%	0.004%
112	6.942	531	534	536	rBV	264	437	0.08%	0.014%
113	6.981	536	538	541	rVB	236	257	0.05%	0.008%
114	7.021	541	542	544	rBV	141	178	0.03%	0.006%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42208.D
Acq On : 26 Feb 2009 16:26
Operator : WP
Sample : AC42868-001
Misc : S,5G!8
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

115	7.060	544	546	548	rBV	954	1292	0.23%	0.041%
116	7.090	548	549	551	rVB	1119	709	0.13%	0.022%
117	7.139	551	554	555	rBV	856	1264	0.23%	0.040%
118	7.188	555	559	567	rVB2	231586	376409	67.64%	11.880%
119	7.277	567	568	569	rBV	98	64	0.01%	0.002%
120	7.326	569	573	576	rVB	1089	1272	0.23%	0.040%
121	7.375	576	578	581	rBV2	3729	7216	1.30%	0.228%
122	7.415	581	582	585	rVB2	1518	2494	0.45%	0.079%
123	7.494	585	590	591	rBV	1770	2123	0.38%	0.067%
124	7.523	591	593	595	rVB2	1988	2393	0.43%	0.076%
125	7.563	595	597	600	rBV2	1564	1968	0.35%	0.062%
126	7.602	600	601	604	rVB	463	654	0.12%	0.021%
127	7.671	604	608	612	rVB2	8566	13857	2.49%	0.437%
128	7.750	612	616	617	rVB2	479	885	0.16%	0.028%
129	7.789	617	620	623	rBV	1666	3127	0.56%	0.099%
130	7.858	623	627	628	rBV	2886	4885	0.88%	0.154%
131	7.908	628	632	639	rVB	289645	453261	81.45%	14.305%
132	8.006	639	642	644	rVB	709	808	0.15%	0.026%
133	8.065	644	648	652	rBV3	7514	16916	3.04%	0.534%
134	8.125	652	654	656	rBV	2666	2852	0.51%	0.090%
135	8.164	656	658	661	rBV	4693	8746	1.57%	0.276%
136	8.213	661	663	666	rVB2	3424	5596	1.01%	0.177%
137	8.262	666	668	669	rVB2	1672	1852	0.33%	0.058%
138	8.302	669	672	673	rBV	953	1094	0.20%	0.035%
139	8.351	673	677	681	rVB2	14917	25958	4.66%	0.819%
140	8.420	681	684	686	rVB	333	678	0.12%	0.021%
141	8.469	686	689	690	rBV	1090	1562	0.28%	0.049%
142	8.499	690	692	695	rVB2	1178	1739	0.31%	0.055%
143	8.538	695	696	697	rVB2	263	156	0.03%	0.005%
144	8.578	697	700	701	rBV2	458	523	0.09%	0.017%
145	8.617	701	704	705	rVB	577	781	0.14%	0.025%
146	8.657	705	708	712	rBV2	3826	5860	1.05%	0.185%
147	8.706	712	713	714	rVB2	196	116	0.02%	0.004%
148	8.765	714	719	720	rVB2	400	741	0.13%	0.023%
149	8.785	720	721	722	rBV	205	190	0.03%	0.006%
150	8.814	722	724	726	rBV	763	624	0.11%	0.020%
151	8.874	728	730	731	rVB	187	212	0.04%	0.007%
152	8.913	731	734	735	rBV	304	474	0.09%	0.015%
153	8.933	735	736	739	rVB	559	683	0.12%	0.022%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42208.D
Acq On : 26 Feb 2009 16:26
Operator : WP
Sample : AC42868-001
Misc : S,5G!8
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

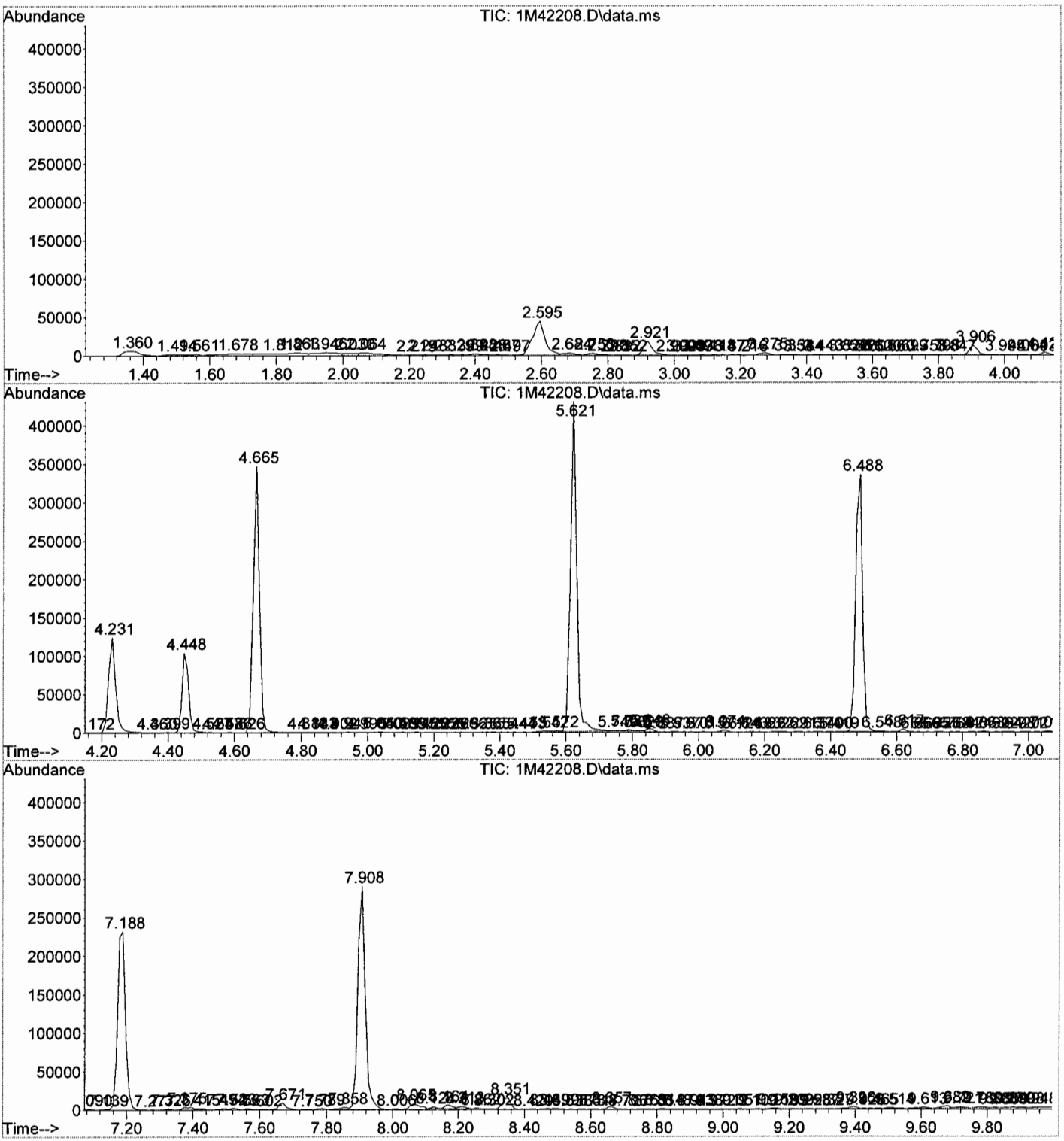
154	8.972	739	740	741	rVB	263	156	0.03%	0.005%
155	9.012	741	744	745	rBV	426	734	0.13%	0.023%
156	9.051	745	748	750	rBV	596	1052	0.19%	0.033%
157	9.100	750	753	754	rBV	278	382	0.07%	0.012%
158	9.159	754	759	761	rVB2	1026	1492	0.27%	0.047%
159	9.189	761	762	763	rVB	234	138	0.02%	0.004%
160	9.209	763	764	767	rBV2	444	670	0.12%	0.021%
161	9.258	767	769	770	rVB2	219	224	0.04%	0.007%
162	9.287	770	772	774	rBV2	121	141	0.03%	0.004%
163	9.327	774	776	777	rBV2	324	459	0.08%	0.014%
164	9.396	777	783	785	rVB4	2985	5073	0.91%	0.160%
165	9.425	785	786	787	rBV	495	387	0.07%	0.012%
166	9.465	787	790	792	rBV3	582	887	0.16%	0.028%
167	9.514	792	795	799	rBV2	1018	2721	0.49%	0.086%
168	9.613	799	805	807	rBV3	1427	3169	0.57%	0.100%
169	9.682	807	812	813	rBV3	3395	5861	1.05%	0.185%
170	9.721	813	816	819	rVB3	1688	2609	0.47%	0.082%
171	9.780	819	822	825	rBV2	1833	3527	0.63%	0.111%
172	9.830	825	827	828	rBV2	757	737	0.13%	0.023%
173	9.859	828	830	831	rBV	745	814	0.15%	0.026%
174	9.879	831	832	833	rBV	966	713	0.13%	0.023%
175	9.908	833	835	837	rVB	780	1199	0.22%	0.038%
176	9.948	837	839	840	rBV	751	1038	0.19%	0.033%

Sum of corrected areas: 3168541

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42208.D
Acq On : 26 Feb 2009 16:26
Operator : WP
Sample : AC42868-001
Misc : S,5G!8
ALS Vial : 25 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42208.D
Acq On : 26 Feb 2009 16:26
Operator : WP
Sample : AC42868-001
Misc : S,5G!8
ALS Vial : 25 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-002
Client Id: WB-3
Data File: 1M42160.D
Analysis Date: 02/25/09 19:27
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.1g
Final Vol: NA
Dilution: 0.980
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0062	U	56-23-5	Carbon Tetrachloride	0.0062	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0062	U	108-90-7	Chlorobenzene	0.0062	U
76-13-1	**1,1,2-Trichloro-1,2,2-triflu**	**0.0062**	**0.019**	75-00-3	Chloroethane	0.0062	U
79-00-5	1,1,2-Trichloroethane	0.0062	U	67-66-3	Chloroform	0.0062	U
75-34-3	1,1-Dichloroethane	0.0062	U	74-87-3	Chloromethane	0.0062	U
75-35-4	1,1-Dichloroethene	0.0062	U	156-59-2	cis-1,2-Dichloroethene	0.0062	U
96-18-4	1,2,3-Trichloropropane	0.0062	U	10061-01-5	cis-1,3-Dichloropropene	0.0062	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	124-48-1	Dibromochloromethane	0.0062	U
95-50-1	1,2-Dichlorobenzene	0.0062	U	75-71-8	Dichlorodifluoromethane	0.0062	U
107-06-2	1,2-Dichloroethane	0.0062	U	100-41-4	Ethylbenzene	0.0012	U
78-87-5	1,2-Dichloropropane	0.0062	U	98-82-8	Isopropylbenzene	0.0012	U
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	136777612	m&p-Xylenes	0.0025	U
541-73-1	1,3-Dichlorobenzene	0.0062	U	**75-09-2**	**Methylene Chloride**	**0.0062**	**0.0075**
142-28-9	1,3-Dichloropropane	0.0062	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0062	U	104-51-8	n-Butylbenzene	0.0012	U
123-91-1	1,4-Dioxane	0.31	U	103-65-1	n-Propylbenzene	0.0012	U
78-93-3	2-Butanone	0.0062	U	95-47-6	o-Xylene	0.0012	U
110-75-8	2-Chloroethylvinylether	0.0062	U	135-98-8	sec-Butylbenzene	0.0012	U
591-78-6	2-Hexanone	0.0062	U	100-42-5	Styrene	0.0062	U
99-87-6	4-Isopropyltoluene	0.0012	U	75-65-0	t-Butyl Alcohol	0.031	U
108-10-1	4-Methyl-2-Pentanone	0.0062	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.031	U	127-18-4	Tetrachloroethene	0.0062	U
107-02-8	Acrolein	0.031	U	108-88-3	Toluene	0.0012	U
107-13-1	Acrylonitrile	0.0062	U	156-60-5	trans-1,2-Dichloroethene	0.0062	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0062	U
75-27-4	Bromodichloromethane	0.0062	U	79-01-6	Trichloroethene	0.0062	U
75-25-2	Bromoform	0.0062	U	75-69-4	Trichlorofluoromethane	0.0062	U
74-83-9	Bromomethane	0.0062	U	75-01-4	Vinyl Chloride	0.0062	U
75-15-0	Carbon Disulfide	0.0062	U	1330-20-7	Xylenes (Total)	0.0012	U

Worksheet #: 110162

Total Target Concentration 0.026

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-002
Client Id: WB-3
Data File: 1M42160.D
Analysis Date: 02/25/09 19:27
Date Rec/Extracted: 02/20/09-NA

Matrix: Soil
Initial Vol: 5.1g
Final Vol: NA
Dilution: 0.980
Solids: 79
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

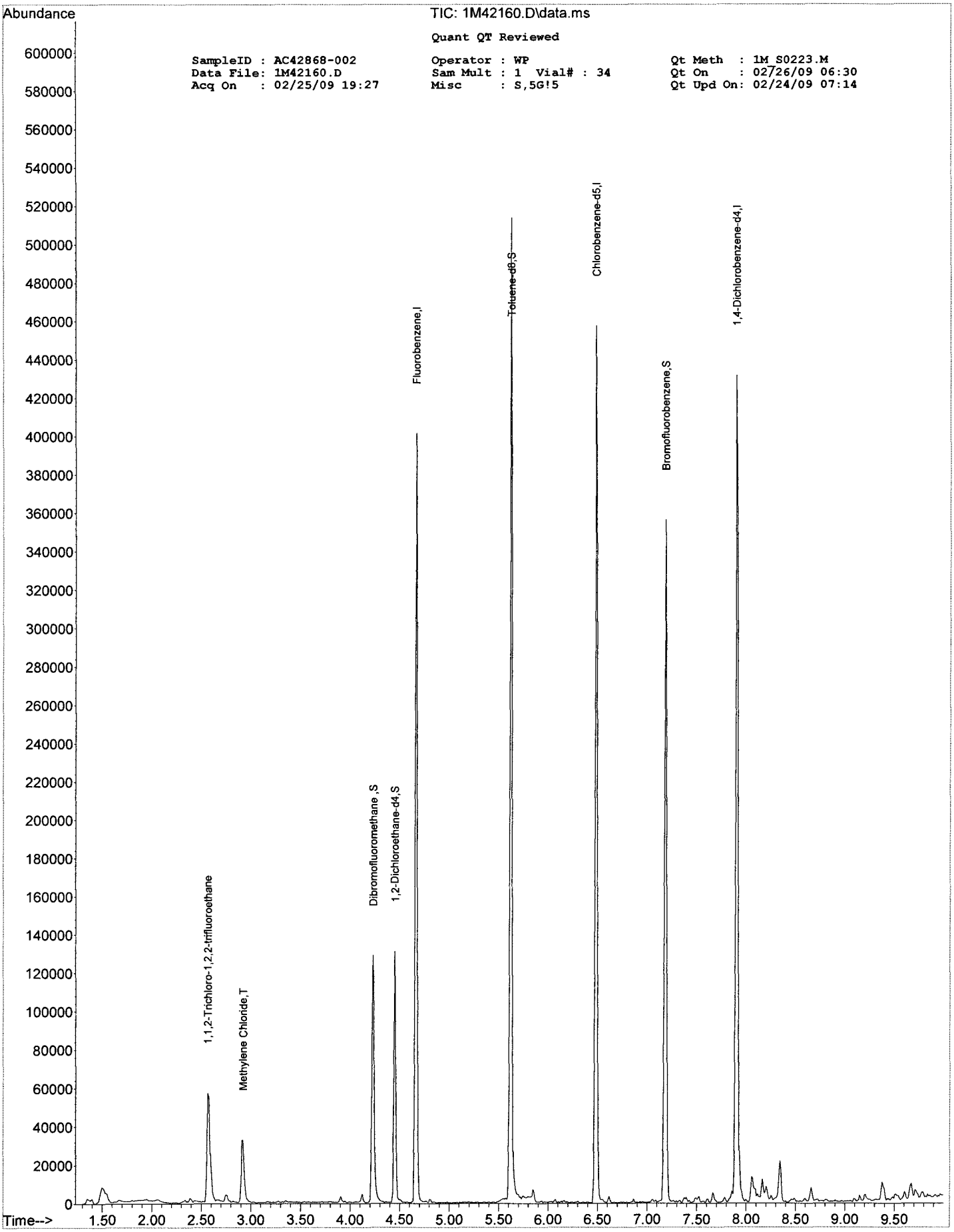
Quantitation Report (QT Reviewed)

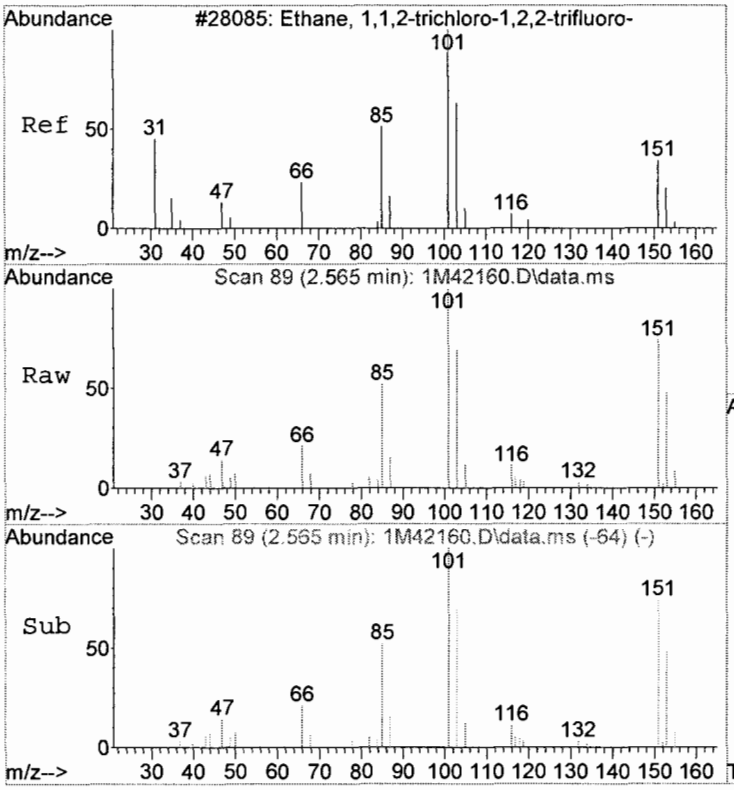
SampleID : AC42868-002 Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42160.D Sam Mult : 1 Vial# : 34 Qt On : 02/26/09 06:30
Acq On : 02/25/09 19:27 Misc : S,5G!5 Qt Upd On: 02/24/09 07:14

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.665	96	210936	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.478	117	180974	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.897	152	101947	30.00	ug/l	-0.02
System Monitoring Compounds						
30) Dibromofluoromethane	4.231	111	63184	32.60	ug/l	0.00
Spiked Amount 30.000			Recovery = 108.67%			
32) 1,2-Dichloroethane-d4	4.448	102	11275	30.99	ug/l	-0.02
Spiked Amount 30.000			Recovery = 103.30%			
56) Toluene-d8	5.621	100	147638	28.45	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.83%			
64) Bromofluorobenzene	7.178	174	82705	28.48	ug/l	-0.02
Spiked Amount 30.000			Recovery = 94.93%			
Target Compounds						Qvalue
9) 1,1,2-Trichloro-1,2,2-...	2.565	101	20349	15.11	ug/l	95
10) Methylene Chloride	2.920	84	14953	6.01	ug/l	94
Library Search Compounds						

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

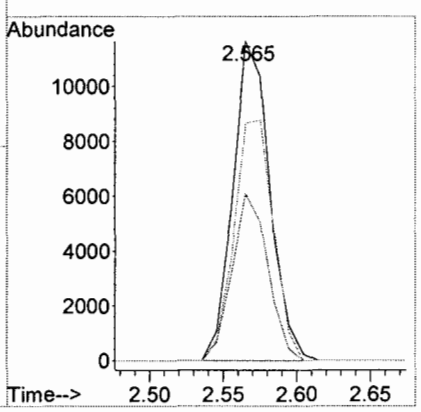

Abundance
TIC: 1M42160.D\data.ms
Quant QT Reviewed
SampleID : AC42868-002
Data File: 1M42160.D
Acq On : 02/25/09 19:27
Operator : WP
Sam Mult : 1 Vial# : 34
Misc : S,5G!5
Qt Meth : 1M_S0223.M
Qt On : 02/26/09 06:30
Qt Upd On: 02/24/09 07:14
1,1,2-Trichloro-1,2,2-trifluoroethane
Methylene Chloride,T
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

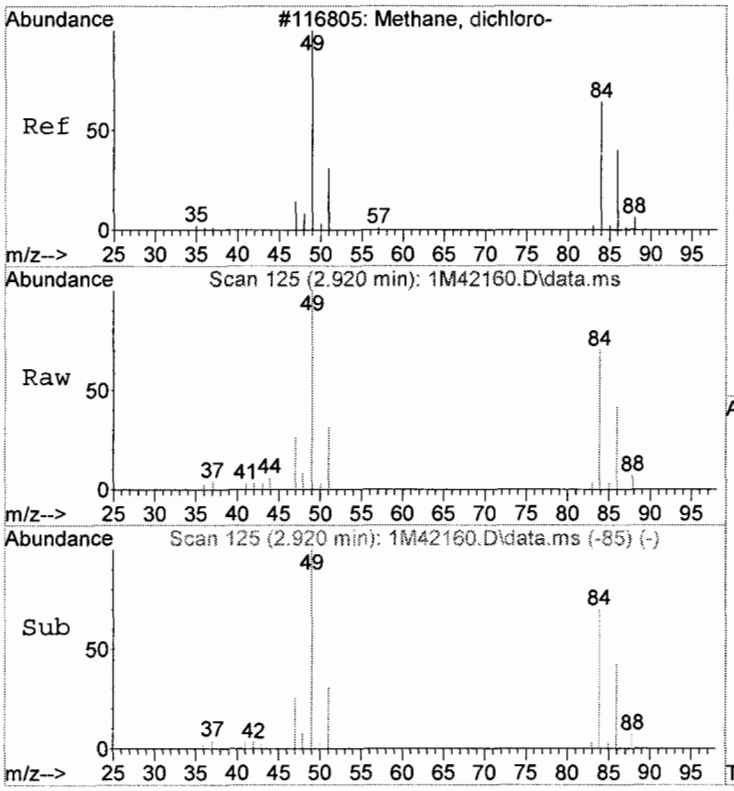


#9
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.11 ug/l
RT: 2.565 min Scan# 89
Delta R.T. -0.019 min
Lab File: 1M42160.D
Acq: 25 Feb 2009 19:27

Tgt Ion:101 Resp: 20349

Ion	Ratio	Lower	Upper
101	100		
85	50.9	2.3	82.3
151	80.1	40.8	120.8

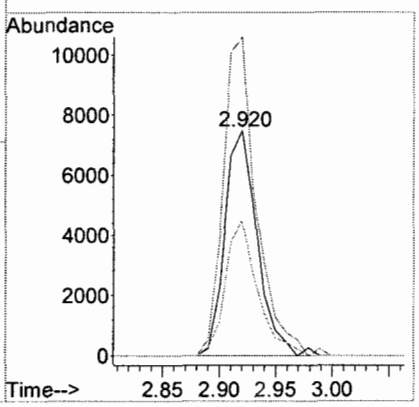




#10
Methylene Chloride
Concen: 6.01 ug/l
RT: 2.920 min Scan# 125
Delta R.T. -0.009 min
Lab File: 1M42160.D
Acq: 25 Feb 2009 19:27

Tgt Ion: 84 Resp: 14953

Ion	Ratio	Lower	Upper
84	100		
49	141.9	75.0	225.0
86	60.0	32.5	97.5



LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42160.D
Acq On : 25 Feb 2009 19:27
Operator : WP
Sample : AC42868-002
Misc : S,5G!5
ALS Vial : 34 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M42160.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.347	5	8	10	rBV	2601	7064	0.99%	0.171%
2	1.397	10	11	13	rVB	2605	2941	0.41%	0.071%
3	1.498	13	17	23	rBV	8791	38673	5.44%	0.937%
4	1.632	23	25	26	rVV	963	2621	0.37%	0.064%
5	1.665	26	27	32	rVV2	1863	8030	1.13%	0.195%
6	1.799	32	35	36	rVV	1696	5043	0.71%	0.122%
7	1.866	36	39	40	rVV	1742	6560	0.92%	0.159%
8	1.950	40	44	45	rVV2	2092	8853	1.25%	0.215%
9	1.983	45	46	48	rVV	1508	4091	0.58%	0.099%
10	2.067	48	51	59	rVV3	1935	8749	1.23%	0.212%
11	2.251	59	62	63	rVB	331	794	0.11%	0.019%
12	2.339	63	66	69	rBV	1815	5808	0.82%	0.141%
13	2.388	69	71	74	rVV2	2494	4302	0.61%	0.104%
14	2.427	74	75	76	rVV2	1080	1086	0.15%	0.026%
15	2.447	76	77	80	rVV	916	1595	0.22%	0.039%
16	2.487	80	81	82	rVV	640	489	0.07%	0.012%
17	2.516	82	84	86	rVV	653	836	0.12%	0.020%
18	2.565	86	89	97	rVV2	56746	129525	18.24%	3.139%
19	2.654	97	98	100	rVV	1432	2213	0.31%	0.054%
20	2.684	100	101	102	rVV	1269	1091	0.15%	0.026%
21	2.703	102	103	105	rVV	754	920	0.13%	0.022%
22	2.753	105	108	111	rVV	3880	7793	1.10%	0.189%
23	2.792	111	112	113	rVB	861	509	0.07%	0.012%
24	2.822	113	115	120	rVB	725	1294	0.18%	0.031%
25	2.920	121	125	134	rVB	32689	68237	9.61%	1.654%
26	3.029	134	136	139	rVB	471	823	0.12%	0.020%
27	3.088	139	142	144	rBV	323	583	0.08%	0.014%
28	3.127	144	146	147	rBV	178	215	0.03%	0.005%
29	3.176	147	151	152	rBV2	564	737	0.10%	0.018%
30	3.196	152	153	155	rVB	279	199	0.03%	0.005%
31	3.226	155	156	158	rVB	293	266	0.04%	0.006%
32	3.275	158	161	164	rBV2	880	1421	0.20%	0.034%
33	3.314	164	165	167	rVB	451	405	0.06%	0.010%
34	3.354	167	169	172	rBV	886	1371	0.19%	0.033%
35	3.393	172	173	174	rVB	370	219	0.03%	0.005%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42160.D
Acq On : 25 Feb 2009 19:27
Operator : WP
Sample : AC42868-002
Misc : S,5G!5
ALS Vial : 34 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

36	3.443	176	178	179	rBV	106	115	0.02%	0.003%
37	3.462	179	180	182	rVB	301	253	0.04%	0.006%
38	3.492	182	183	184	rVB	275	163	0.02%	0.004%
39	3.541	184	188	191	rBV2	547	1274	0.18%	0.031%
40	3.581	191	192	195	rVB	466	413	0.06%	0.010%
41	3.620	195	196	197	rBV	401	282	0.04%	0.007%
42	3.650	197	199	200	rVB	133	125	0.02%	0.003%
43	3.669	200	201	202	rVB	194	115	0.02%	0.003%
44	3.689	202	203	204	rVB	332	196	0.03%	0.005%
45	3.719	204	206	207	rVB	615	591	0.08%	0.014%
46	3.738	207	208	209	rBV	484	386	0.05%	0.009%
47	3.758	209	210	211	rBV	209	189	0.03%	0.005%
48	3.807	211	215	217	rVB2	382	867	0.12%	0.021%
49	3.837	217	218	219	rVB	283	167	0.02%	0.004%
50	3.857	219	220	221	rBV	336	227	0.03%	0.006%
51	3.906	221	225	228	rBV	3185	4787	0.67%	0.116%
52	3.945	228	229	232	rVB	834	704	0.10%	0.017%
53	3.995	232	234	238	rBV	427	685	0.10%	0.017%
54	4.064	238	241	242	rBV	473	632	0.09%	0.015%
55	4.123	242	247	250	rVB	4484	6281	0.88%	0.152%
56	4.231	254	258	270	rVB	128701	213029	29.99%	5.163%
57	4.359	270	271	273	rBV	484	611	0.09%	0.015%
58	4.408	275	276	277	rBV	189	138	0.02%	0.003%
59	4.448	277	280	284	rBV	130693	170244	23.97%	4.126%
60	4.576	291	293	295	rVB	401	422	0.06%	0.010%
61	4.665	298	302	310	rVV	401179	533838	75.16%	12.939%
62	4.763	310	312	314	rVV2	807	1287	0.18%	0.031%
63	4.803	314	316	318	rVV2	1745	2187	0.31%	0.053%
64	4.842	318	320	323	rVB	449	859	0.12%	0.021%
65	4.901	323	326	327	rBV	462	499	0.07%	0.012%
66	4.921	327	328	330	rBV	212	267	0.04%	0.006%
67	4.951	330	331	333	rVB	236	237	0.03%	0.006%
68	4.980	333	334	336	rBV	499	429	0.06%	0.010%
69	5.010	336	337	338	rVB	281	166	0.02%	0.004%
70	5.049	338	341	342	rBV	360	445	0.06%	0.011%
71	5.079	342	344	346	rBV	436	328	0.05%	0.008%
72	5.108	346	347	348	rVB	287	170	0.02%	0.004%
73	5.138	348	350	351	rBV	347	372	0.05%	0.009%
74	5.157	351	352	353	rVV	261	195	0.03%	0.005%
75	5.197	353	356	358	rVB	382	468	0.07%	0.011%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42160.D
Acq On : 25 Feb 2009 19:27
Operator : WP
Sample : AC42868-002
Misc : S,5G!5
ALS Vial : 34 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

76	5.226	358	359	361	rVB	187	182	0.03%	0.004%
77	5.266	361	363	364	rBV	102	159	0.02%	0.004%
78	5.286	364	365	366	rVB	317	187	0.03%	0.005%
79	5.315	366	368	370	rVB	155	203	0.03%	0.005%
80	5.355	370	372	375	rVB	428	535	0.08%	0.013%
81	5.394	375	376	379	rBV	488	551	0.08%	0.013%
82	5.453	379	382	383	rVB	501	655	0.09%	0.016%
83	5.542	383	391	392	rBV2	2299	6467	0.91%	0.157%
84	5.571	392	394	395	rVV	2573	3807	0.54%	0.092%
85	5.621	395	399	410	rVV	513612	710290	100.00%	17.215%
86	5.749	410	412	415	rVV2	3636	8948	1.26%	0.217%
87	5.798	415	417	418	rVV2	3334	5352	0.75%	0.130%
88	5.847	420	422	426	rVV	6986	11204	1.58%	0.272%
89	5.897	426	427	428	rVV	592	482	0.07%	0.012%
90	5.936	428	431	432	rVV	1024	1237	0.17%	0.030%
91	5.966	432	434	437	rVB2	449	869	0.12%	0.021%
92	6.035	437	441	442	rBV2	562	1047	0.15%	0.025%
93	6.074	442	445	447	rVB	1646	2004	0.28%	0.049%
94	6.104	447	448	449	rBV	452	305	0.04%	0.007%
95	6.133	449	451	452	rVV	755	567	0.08%	0.014%
96	6.163	452	454	456	rVV	1132	1355	0.19%	0.033%
97	6.192	456	457	459	rVB	470	395	0.06%	0.010%
98	6.242	459	462	464	rBV	385	558	0.08%	0.014%
99	6.301	464	468	472	rVB	765	1204	0.17%	0.029%
100	6.350	472	473	475	rBV	402	510	0.07%	0.012%
101	6.399	475	478	483	rVV	304	504	0.07%	0.012%
102	6.478	483	486	492	rVV	457293	624195	87.88%	15.129%
103	6.547	492	493	498	rVV	1689	2284	0.32%	0.055%
104	6.616	498	500	504	rVB	3311	3955	0.56%	0.096%
105	6.665	504	505	509	rVB	252	342	0.05%	0.008%
106	6.715	509	510	511	rBV	155	92	0.01%	0.002%
107	6.734	511	512	514	rBV	347	399	0.06%	0.010%
108	6.764	514	515	517	rVB	322	243	0.03%	0.006%
109	6.794	517	518	521	rBV	392	456	0.06%	0.011%
110	6.863	521	525	530	rVB2	2113	2766	0.39%	0.067%
111	6.932	530	532	533	rVB	409	377	0.05%	0.009%
112	6.951	533	534	538	rBV	373	578	0.08%	0.014%
113	7.020	540	541	542	rVB	392	232	0.03%	0.006%
114	7.060	542	545	546	rBV2	1649	2604	0.37%	0.063%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42160.D
Acq On : 25 Feb 2009 19:27
Operator : WP
Sample : AC42868-002
Misc : S,5G!5
ALS Vial : 34 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

115	7.089	546	548	549	rVB	1217	1173	0.17%	0.028%
116	7.178	554	557	564	rVB2	355483	521909	73.48%	12.650%
117	7.267	564	566	568	rVB	616	624	0.09%	0.015%
118	7.296	568	569	570	rVB	850	503	0.07%	0.012%
119	7.326	570	572	574	rVB2	1209	1544	0.22%	0.037%
120	7.395	574	579	581	rBV3	2713	6473	0.91%	0.157%
121	7.424	581	582	584	rVB2	1242	1061	0.15%	0.026%
122	7.493	584	589	590	rBV2	2531	4638	0.65%	0.112%
123	7.523	590	592	594	rVB2	3123	3782	0.53%	0.092%
124	7.572	594	597	598	rVB2	665	1041	0.15%	0.025%
125	7.612	598	601	604	rBV	1809	2391	0.34%	0.058%
126	7.661	604	606	611	rBV2	5010	8201	1.15%	0.199%
127	7.720	611	612	614	rBV	109	99	0.01%	0.002%
128	7.779	614	618	621	rVB2	2464	4070	0.57%	0.099%
129	7.858	621	626	627	rBV2	5855	10820	1.52%	0.262%
130	7.897	627	630	639	rVB	430696	677596	95.40%	16.423%
131	7.996	639	640	643	rVB	1276	1470	0.21%	0.036%
132	8.055	643	646	649	rBV	13279	27890	3.93%	0.676%
133	8.114	651	652	655	rVV	2430	3307	0.47%	0.080%
134	8.164	655	657	659	rVV	10239	14305	2.01%	0.347%
135	8.203	659	661	664	rVB2	6570	9998	1.41%	0.242%
136	8.252	664	666	668	rVB3	2396	2720	0.38%	0.066%
137	8.341	668	675	680	rVB3	21186	40971	5.77%	0.993%
138	8.400	680	681	684	rVB	827	628	0.09%	0.015%
139	8.459	684	687	689	rBV	1882	3917	0.55%	0.095%
140	8.489	689	690	692	rVB	1647	1508	0.21%	0.037%
141	8.518	692	693	695	rVB2	346	215	0.03%	0.005%
142	8.548	695	696	697	rBV2	462	306	0.04%	0.007%
143	8.597	697	701	703	rBV	1780	2616	0.37%	0.063%
144	8.656	703	707	710	rBV	7149	10915	1.54%	0.265%
145	8.725	710	714	716	rVB2	1096	2005	0.28%	0.049%
146	8.755	716	717	720	rVB2	599	979	0.14%	0.024%
147	8.814	720	723	727	rVB2	976	1994	0.28%	0.048%
148	8.863	727	728	729	rVB2	343	203	0.03%	0.005%
149	8.903	729	732	735	rVB2	885	1422	0.20%	0.034%
150	8.972	735	739	740	rBV	630	898	0.13%	0.022%
151	9.001	740	742	743	rBV	402	444	0.06%	0.011%
152	9.031	743	745	746	rVB2	289	313	0.04%	0.008%
153	9.051	746	747	750	rVB	554	786	0.11%	0.019%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42160.D
Acq On : 25 Feb 2009 19:27
Operator : WP
Sample : AC42868-002
Misc : S,5G!5
ALS Vial : 34 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

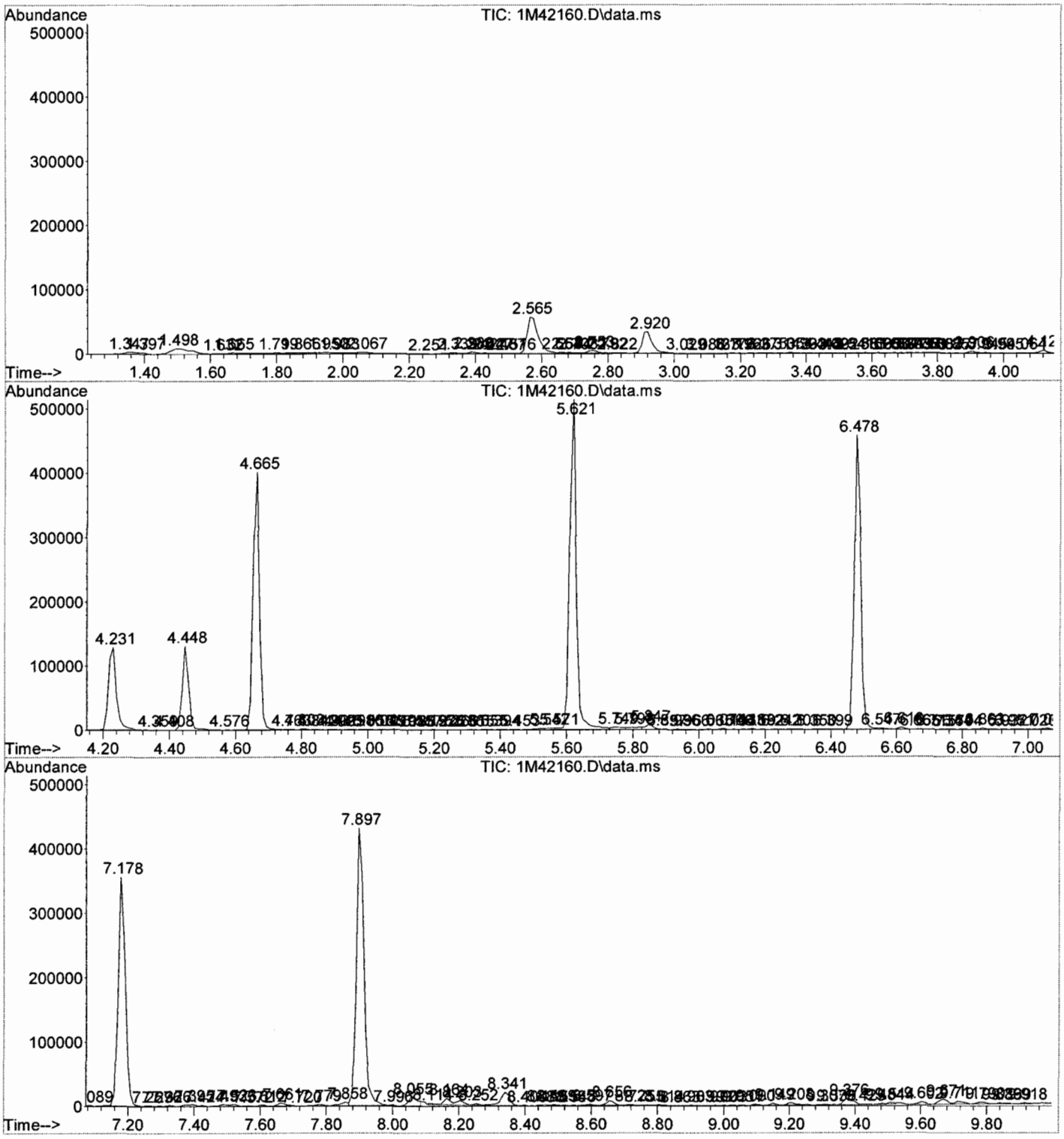
154	9.090	750	751	754	rBV2	1690	2605	0.37%	0.063%
155	9.149	754	757	760	rBV	3083	3660	0.52%	0.089%
156	9.208	760	763	767	rBV2	3194	6247	0.88%	0.151%
157	9.307	769	773	775	rBV2	816	1728	0.24%	0.042%
158	9.336	775	776	777	rBV2	287	189	0.03%	0.005%
159	9.376	777	780	784	rVB2	9466	19270	2.71%	0.467%
160	9.425	784	785	788	rBV2	873	1323	0.19%	0.032%
161	9.484	788	791	792	rBV2	1763	2536	0.36%	0.061%
162	9.514	792	794	795	rBV	2306	3619	0.51%	0.088%
163	9.602	799	803	806	rBV4	4178	7149	1.01%	0.173%
164	9.671	806	810	813	rBV2	8133	16844	2.37%	0.408%
165	9.711	813	814	818	rVB2	4001	6872	0.97%	0.167%
166	9.790	818	822	826	rBV3	2977	6438	0.91%	0.156%
167	9.839	826	827	828	rBV	1575	1317	0.19%	0.032%
168	9.869	828	830	831	rVV	770	813	0.11%	0.020%
169	9.918	833	835	837	rVV2	1162	1441	0.20%	0.035%

Sum of corrected areas: 4125885

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42160.D
Acq On : 25 Feb 2009 19:27
Operator : WP
Sample : AC42868-002
Misc : S,5G!5
ALS Vial : 34 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42160.D
Acq On : 25 Feb 2009 19:27
Operator : WP
Sample : AC42868-002
Misc : S,5G!5
ALS Vial : 34 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-003
Client Id: WB-4
Data File: 1M42161.D
Analysis Date: 02/25/09 19:44
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1.00
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0063	U	56-23-5	Carbon Tetrachloride	0.0063	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0063	U	108-90-7	Chlorobenzene	0.0063	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0063	U	75-00-3	Chloroethane	0.0063	U
79-00-5	1,1,2-Trichloroethane	0.0063	U	67-66-3	Chloroform	0.0063	U
75-34-3	1,1-Dichloroethane	0.0063	U	74-87-3	Chloromethane	0.0063	U
75-35-4	1,1-Dichloroethene	0.0063	U	156-59-2	cis-1,2-Dichloroethene	0.0063	U
96-18-4	1,2,3-Trichloropropane	0.0063	U	10061-01-5	cis-1,3-Dichloropropene	0.0063	U
95-63-6	**1,2,4-Trimethylbenzene**	**0.0013**	**0.0016**	124-48-1	Dibromochloromethane	0.0063	U
95-50-1	1,2-Dichlorobenzene	0.0063	U	75-71-8	Dichlorodifluoromethane	0.0063	U
107-06-2	1,2-Dichloroethane	0.0063	U	100-41-4	Ethylbenzene	0.0013	U
78-87-5	1,2-Dichloropropane	0.0063	U	98-82-8	Isopropylbenzene	0.0013	U
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	136777612	m&p-Xylenes	0.0025	U
541-73-1	1,3-Dichlorobenzene	0.0063	U	75-09-2	Methylene Chloride	0.0063	U
142-28-9	1,3-Dichloropropane	0.0063	U	1634-04-4	Methyl-t-butyl ether	0.0013	U
106-46-7	1,4-Dichlorobenzene	0.0063	U	104-51-8	n-Butylbenzene	0.0013	U
123-91-1	1,4-Dioxane	0.32	U	103-65-1	n-Propylbenzene	0.0013	U
78-93-3	2-Butanone	0.0063	U	95-47-6	o-Xylene	0.0013	U
110-75-8	2-Chloroethylvinylether	0.0063	U	135-98-8	sec-Butylbenzene	0.0013	U
591-78-6	2-Hexanone	0.0063	U	100-42-5	Styrene	0.0063	U
99-87-6	4-Isopropyltoluene	0.0013	U	75-65-0	t-Butyl Alcohol	0.032	U
108-10-1	4-Methyl-2-Pentanone	0.0063	U	98-06-6	t-Butylbenzene	0.0013	U
67-64-1	Acetone	0.032	U	127-18-4	Tetrachloroethene	0.0063	U
107-02-8	Acrolein	0.032	U	108-88-3	Toluene	0.0013	U
107-13-1	Acrylonitrile	0.0063	U	156-60-5	trans-1,2-Dichloroethene	0.0063	U
71-43-2	Benzene	0.0013	U	10061-02-6	trans-1,3-Dichloropropene	0.0063	U
75-27-4	Bromodichloromethane	0.0063	U	79-01-6	Trichloroethene	0.0063	U
75-25-2	Bromoform	0.0063	U	75-69-4	Trichlorofluoromethane	0.0063	U
74-83-9	Bromomethane	0.0063	U	75-01-4	Vinyl Chloride	0.0063	U
75-15-0	Carbon Disulfide	0.0063	U	1330-20-7	Xylenes (Total)	0.0013	U

Worksheet #: 110162

Total Target Concentration 0.0016

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-003
Client Id: WB-4
Data File: 1M42161.D
Analysis Date: 02/25/09 19:44
Date Rec/Extracted: 02/20/09-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1.00
Solids: 79
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

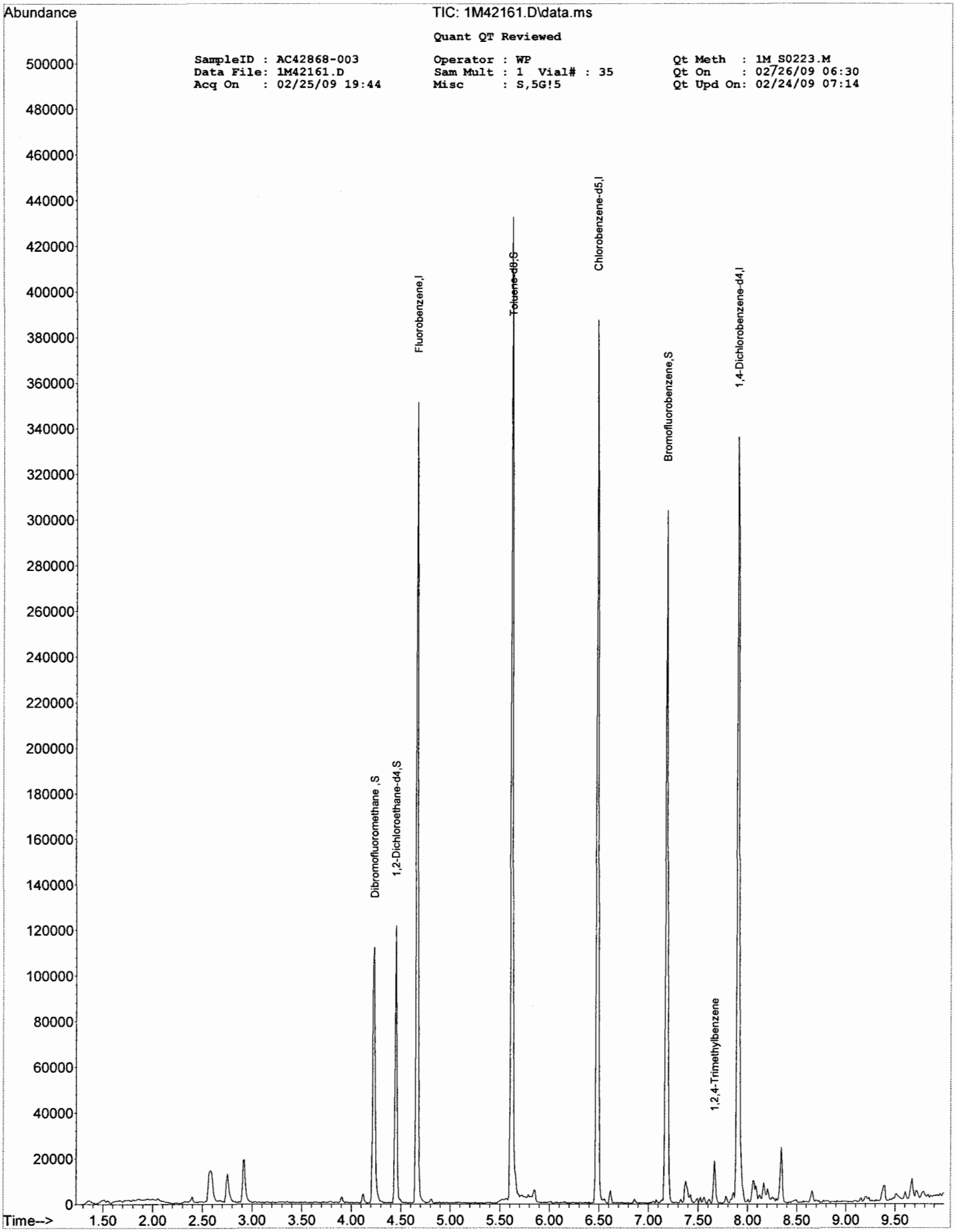
SampleID : AC42868-003 Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42161.D Sam Mult : 1 Vial# : 35 Qt On : 02/26/09 06:30
Acq On : 02/25/09 19:44 Misc : S,5G!5 Qt Upd On: 02/24/09 07:14

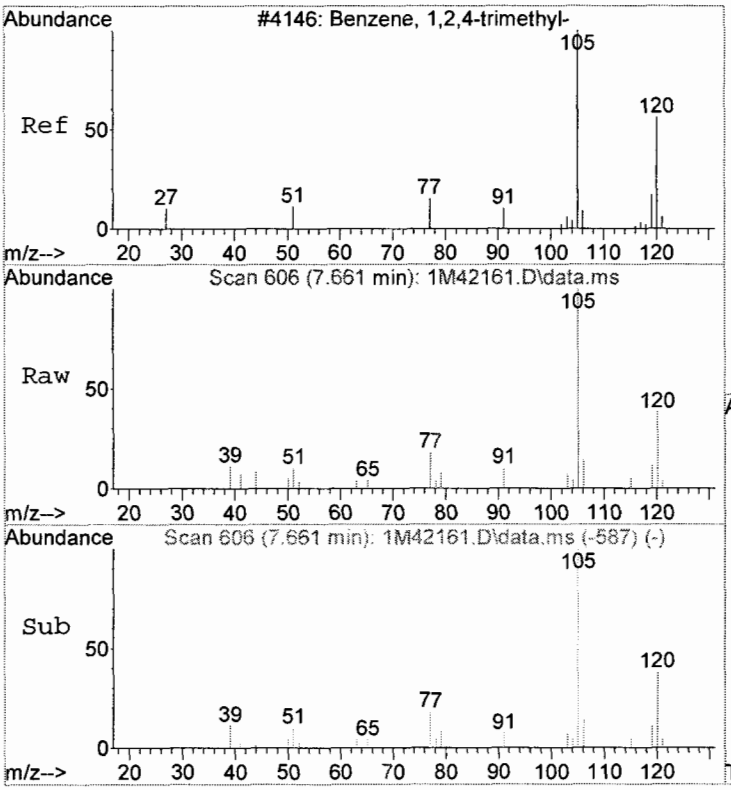
Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.665	96	185207	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.479	117	153813	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.898	152	80942	30.00	ug/l	-0.02
System Monitoring Compounds						
30) Dibromofluoromethane	4.232	111	55551	32.64	ug/l	0.00
Spiked Amount 30.000			Recovery = 108.80%			
32) 1,2-Dichloroethane-d4	4.448	102	9843	30.81	ug/l	-0.02
Spiked Amount 30.000			Recovery = 102.70%			
56) Toluene-d8	5.621	100	124809	28.30	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.33%			
64) Bromofluorobenzene	7.178	174	67960	29.47	ug/l	-0.02
Spiked Amount 30.000			Recovery = 98.23%			
Target Compounds						Qvalue
82) 1,2,4-Trimethylbenzene	7.661	105	9920	1.27	ug/l	82
Library Search Compounds						

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

16

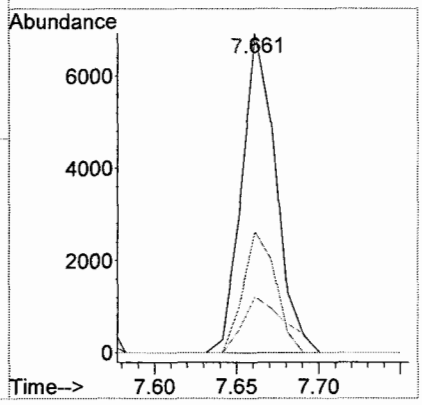

Abundance
TIC: 1M42161.D\data.ms
Quant QT Reviewed
SampleID : AC42868-003
Data File: 1M42161.D
Acq On : 02/25/09 19:44
Operator : WP
Sam Mult : 1 Vial# : 35
Misc : S,5G!5
Qt Meth : 1M_S0223.M
Qt On : 02/26/09 06:30
Qt Upd On: 02/24/09 07:14
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,2,4-Trimethylbenzene
1,4-Dichlorobenzene-d4,I
Time-->



#82
1,2,4-Trimethylbenzene
Concen: 1.27 ug/l
RT: 7.661 min Scan# 606
Delta R.T. -0.009 min
Lab File: 1M42161.D
Acq: 25 Feb 2009 19:44

Tgt Ion:105 Resp: 9920

Ion	Ratio	Lower	Upper
105	100		
120	36.1	12.2	92.2
77	21.9	0.0	66.0



LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42161.D
Acq On : 25 Feb 2009 19:44
Operator : WP
Sample : AC42868-003
Misc : S,5G!5
ALS Vial : 35 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M42161.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.365	5	9	13	rBV	1621	6452	1.11%	0.189%
2	1.515	13	18	19	rBV2	1738	6250	1.07%	0.183%
3	1.549	19	20	22	rVB	1364	1883	0.32%	0.055%
4	1.666	22	27	29	rBV3	1413	7212	1.24%	0.212%
5	1.717	29	30	31	rVV	861	1588	0.27%	0.047%
6	1.767	32	33	34	rVV2	861	994	0.17%	0.029%
7	1.800	34	35	36	rVV	944	1458	0.25%	0.043%
8	1.851	36	38	40	rVV3	1166	3325	0.57%	0.098%
9	1.951	40	44	45	rVV3	1143	3653	0.63%	0.107%
10	2.001	45	47	49	rVV3	817	1935	0.33%	0.057%
11	2.052	49	50	59	rVB2	2181	7674	1.31%	0.225%
12	2.236	59	61	63	rVB2	356	844	0.14%	0.025%
13	2.329	63	65	68	rBV	1027	3712	0.64%	0.109%
14	2.398	68	72	75	rVB3	2558	3942	0.68%	0.116%
15	2.448	75	77	78	rVB	475	349	0.06%	0.010%
16	2.467	78	79	80	rBV	524	515	0.09%	0.015%
17	2.487	80	81	84	rVB	203	293	0.05%	0.009%
18	2.576	86	90	98	rVB2	13432	41484	7.11%	1.217%
19	2.674	98	100	101	rBV	316	513	0.09%	0.015%
20	2.753	105	108	115	rBV	12495	24952	4.27%	0.732%
21	2.832	115	116	117	rVB	879	520	0.09%	0.015%
22	2.872	117	120	121	rBV	504	686	0.12%	0.020%
23	2.921	121	125	133	rVB	18835	38359	6.57%	1.125%
24	3.029	133	136	138	rBV	530	689	0.12%	0.020%
25	3.069	138	140	142	rVB	462	472	0.08%	0.014%
26	3.108	142	144	145	rVB	421	390	0.07%	0.011%
27	3.157	145	149	150	rBV	530	945	0.16%	0.028%
28	3.187	150	152	153	rVB	350	368	0.06%	0.011%
29	3.207	153	154	157	rBV	510	709	0.12%	0.021%
30	3.276	157	161	162	rBV	378	663	0.11%	0.019%
31	3.305	162	164	165	rBV	238	292	0.05%	0.009%
32	3.354	167	169	171	rBV	611	574	0.10%	0.017%
33	3.384	171	172	173	rVB	441	261	0.04%	0.008%
34	3.404	173	174	178	rBV	445	803	0.14%	0.024%
35	3.463	178	180	182	rVB	327	320	0.05%	0.009%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42161.D
Acq On : 25 Feb 2009 19:44
Operator : WP
Sample : AC42868-003
Misc : S,5G!5
ALS Vial : 35 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

36	3.492	182	183	184	rBV	314	240	0.04%	0.007%
37	3.532	184	187	189	rVB	288	456	0.08%	0.013%
38	3.571	189	191	192	rVB	124	137	0.02%	0.004%
39	3.591	192	193	194	rVB	355	210	0.04%	0.006%
40	3.630	194	197	200	rBV	481	1005	0.17%	0.029%
41	3.670	200	201	203	rVB	276	215	0.04%	0.006%
42	3.729	203	207	210	rBV	318	642	0.11%	0.019%
43	3.788	210	213	217	rVB	702	1379	0.24%	0.040%
44	3.837	217	218	221	rBV	343	572	0.10%	0.017%
45	3.906	221	225	228	rVB	2770	4418	0.76%	0.130%
46	3.946	228	229	232	rBV	515	839	0.14%	0.025%
47	3.985	232	233	235	rBV	272	335	0.06%	0.010%
48	4.015	235	236	238	rVB	186	146	0.03%	0.004%
49	4.044	238	239	243	rVB	323	570	0.10%	0.017%
50	4.123	243	247	251	rVB	4082	6419	1.10%	0.188%
51	4.232	254	258	268	rVB	111951	187293	32.08%	5.495%
52	4.340	268	269	271	rVB	319	226	0.04%	0.007%
53	4.370	271	272	274	rVB	212	226	0.04%	0.007%
54	4.399	274	275	277	rBV	337	278	0.05%	0.008%
55	4.448	277	280	284	rBV	121205	154348	26.44%	4.528%
56	4.498	284	285	287	rVB	1382	1066	0.18%	0.031%
57	4.537	287	289	290	rVB	280	236	0.04%	0.007%
58	4.557	290	291	293	rVB	357	299	0.05%	0.009%
59	4.586	293	294	295	rBV	235	227	0.04%	0.007%
60	4.665	298	302	311	rVB	351183	473040	81.02%	13.877%
61	4.774	311	313	314	rBV	399	593	0.10%	0.017%
62	4.813	314	317	319	rVB2	1785	2880	0.49%	0.084%
63	4.862	319	322	324	rBV	393	507	0.09%	0.015%
64	4.892	324	325	327	rVB	444	328	0.06%	0.010%
65	4.931	327	329	330	rVB	482	360	0.06%	0.011%
66	4.961	330	332	335	rBV	467	737	0.13%	0.022%
67	5.020	335	338	341	rVB	108	157	0.03%	0.005%
68	5.079	341	344	348	rBV	460	894	0.15%	0.026%
69	5.128	348	349	350	rBV	174	127	0.02%	0.004%
70	5.158	350	352	354	rVB	219	212	0.04%	0.006%
71	5.188	354	355	357	rVB	128	116	0.02%	0.003%
72	5.217	357	358	361	rBV	253	276	0.05%	0.008%
73	5.257	361	362	364	rVB	397	304	0.05%	0.009%
74	5.286	364	365	366	rVB	355	210	0.04%	0.006%
75	5.316	366	368	371	rBV	327	549	0.09%	0.016%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42161.D
Acq On : 25 Feb 2009 19:44
Operator : WP
Sample : AC42868-003
Misc : S,5G!5
ALS Vial : 35 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

76	5.375	371	374	380	rVB	592	1676	0.29%	0.049%
77	5.444	380	381	382	rBV	377	322	0.06%	0.009%
78	5.523	382	389	392	rBV3	1743	6108	1.05%	0.179%
79	5.562	392	393	395	rVB	785	840	0.14%	0.025%
80	5.621	395	399	402	rBV	430908	583844	100.00%	17.128%
81	5.730	407	410	411	rVV	2238	4492	0.77%	0.132%
82	5.759	411	413	414	rVV	1442	2224	0.38%	0.065%
83	5.789	414	416	417	rVV2	2352	3042	0.52%	0.089%
84	5.809	417	418	420	rVV	1604	2645	0.45%	0.078%
85	5.848	420	422	425	rVB2	5499	9005	1.54%	0.264%
86	5.887	425	426	429	rVB	426	635	0.11%	0.019%
87	5.927	429	430	432	rBV	326	342	0.06%	0.010%
88	5.956	432	433	434	rBV	452	282	0.05%	0.008%
89	6.015	434	439	442	rVB2	993	2027	0.35%	0.059%
90	6.075	442	445	448	rBV	599	930	0.16%	0.027%
91	6.124	448	450	452	rBV	333	639	0.11%	0.019%
92	6.153	452	453	456	rVB	795	779	0.13%	0.023%
93	6.203	456	458	459	rBV	185	205	0.04%	0.006%
94	6.232	459	461	464	rVB	482	826	0.14%	0.024%
95	6.272	464	465	467	rVB	351	229	0.04%	0.007%
96	6.301	467	468	473	rBV	451	924	0.16%	0.027%
97	6.360	473	474	477	rVB	412	539	0.09%	0.016%
98	6.400	477	478	479	rBV	537	332	0.06%	0.010%
99	6.479	483	486	491	rBV	386870	532034	91.13%	15.608%
100	6.558	491	494	497	rVB	1914	3378	0.58%	0.099%
101	6.617	497	500	503	rVB	5571	7278	1.25%	0.214%
102	6.656	503	504	506	rBV	339	291	0.05%	0.009%
103	6.686	506	507	508	rVB	308	182	0.03%	0.005%
104	6.705	508	509	511	rBV	262	274	0.05%	0.008%
105	6.735	511	512	514	rVB	462	337	0.06%	0.010%
106	6.765	514	515	516	rVB	189	112	0.02%	0.003%
107	6.794	516	518	520	rBV	254	454	0.08%	0.013%
108	6.824	520	521	522	rBV	34	35	0.01%	0.001%
109	6.863	522	525	528	rBV2	1840	2425	0.42%	0.071%
110	6.903	528	529	530	rVB2	302	179	0.03%	0.005%
111	6.922	530	531	533	rBV	251	391	0.07%	0.011%
112	6.952	533	534	535	rVB	221	131	0.02%	0.004%
113	6.972	535	536	538	rVB	402	336	0.06%	0.010%
114	7.001	538	539	540	rBV	389	309	0.05%	0.009%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42161.D
Acq On : 25 Feb 2009 19:44
Operator : WP
Sample : AC42868-003
Misc : S,5G!5
ALS Vial : 35 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

115	7.021	540	541	542	rBB	97	115	0.02%	0.003%
116	7.050	542	544	546	rVB	811	911	0.16%	0.027%
117	7.080	546	547	550	rBV	1551	1435	0.25%	0.042%
118	7.139	550	553	554	rBV	1290	2122	0.36%	0.062%
119	7.178	554	557	565	rVB2	303469	431293	73.87%	12.653%
120	7.277	565	567	570	rVB	496	762	0.13%	0.022%
121	7.326	570	572	574	rBV	1645	1777	0.30%	0.052%
122	7.376	574	577	580	rBV2	9451	18809	3.22%	0.552%
123	7.425	580	582	585	rVB2	3732	4773	0.82%	0.140%
124	7.494	585	589	590	rVB2	2361	3353	0.57%	0.098%
125	7.523	590	592	593	rBV	2820	2834	0.49%	0.083%
126	7.563	593	596	598	rVB	2758	3813	0.65%	0.112%
127	7.612	598	601	603	rVB2	1862	2390	0.41%	0.070%
128	7.661	603	606	614	rBV	18627	27160	4.65%	0.797%
129	7.780	614	618	622	rBV2	3170	4599	0.79%	0.135%
130	7.859	622	626	627	rBV	4523	7686	1.32%	0.225%
131	7.898	627	630	639	rVB	335158	544040	93.18%	15.960%
132	8.006	639	641	643	rVB2	1289	1054	0.18%	0.031%
133	8.056	643	646	648	rBV2	9590	18184	3.11%	0.533%
134	8.125	651	653	655	rBV2	1871	2091	0.36%	0.061%
135	8.164	655	657	659	rBV2	7113	9938	1.70%	0.292%
136	8.203	659	661	664	rVB	4737	6206	1.06%	0.182%
137	8.253	664	666	669	rVB3	1847	3168	0.54%	0.093%
138	8.292	669	670	671	rBV	1249	941	0.16%	0.028%
139	8.341	671	675	679	rVB	24026	37823	6.48%	1.110%
140	8.430	682	684	685	rBV	595	543	0.09%	0.016%
141	8.499	685	691	693	rBV3	1453	4136	0.71%	0.121%
142	8.539	693	695	697	rVB	449	393	0.07%	0.012%
143	8.568	697	698	699	rBV	857	616	0.11%	0.018%
144	8.588	699	700	703	rVB	464	675	0.12%	0.020%
145	8.657	703	707	710	rBV2	5155	8483	1.45%	0.249%
146	8.696	710	711	713	rBV3	733	805	0.14%	0.024%
147	8.726	713	714	715	rVB	974	576	0.10%	0.017%
148	8.755	715	717	718	rBV	222	238	0.04%	0.007%
149	8.775	718	719	720	rBV	732	678	0.12%	0.020%
150	8.824	720	724	726	rVB2	847	1938	0.33%	0.057%
151	8.864	726	728	730	rBV2	570	1058	0.18%	0.031%
152	8.893	730	731	732	rVB	269	159	0.03%	0.005%
153	8.913	732	733	735	rBV	653	610	0.10%	0.018%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42161.D
Acq On : 25 Feb 2009 19:44
Operator : WP
Sample : AC42868-003
Misc : S,5G!5
ALS Vial : 35 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

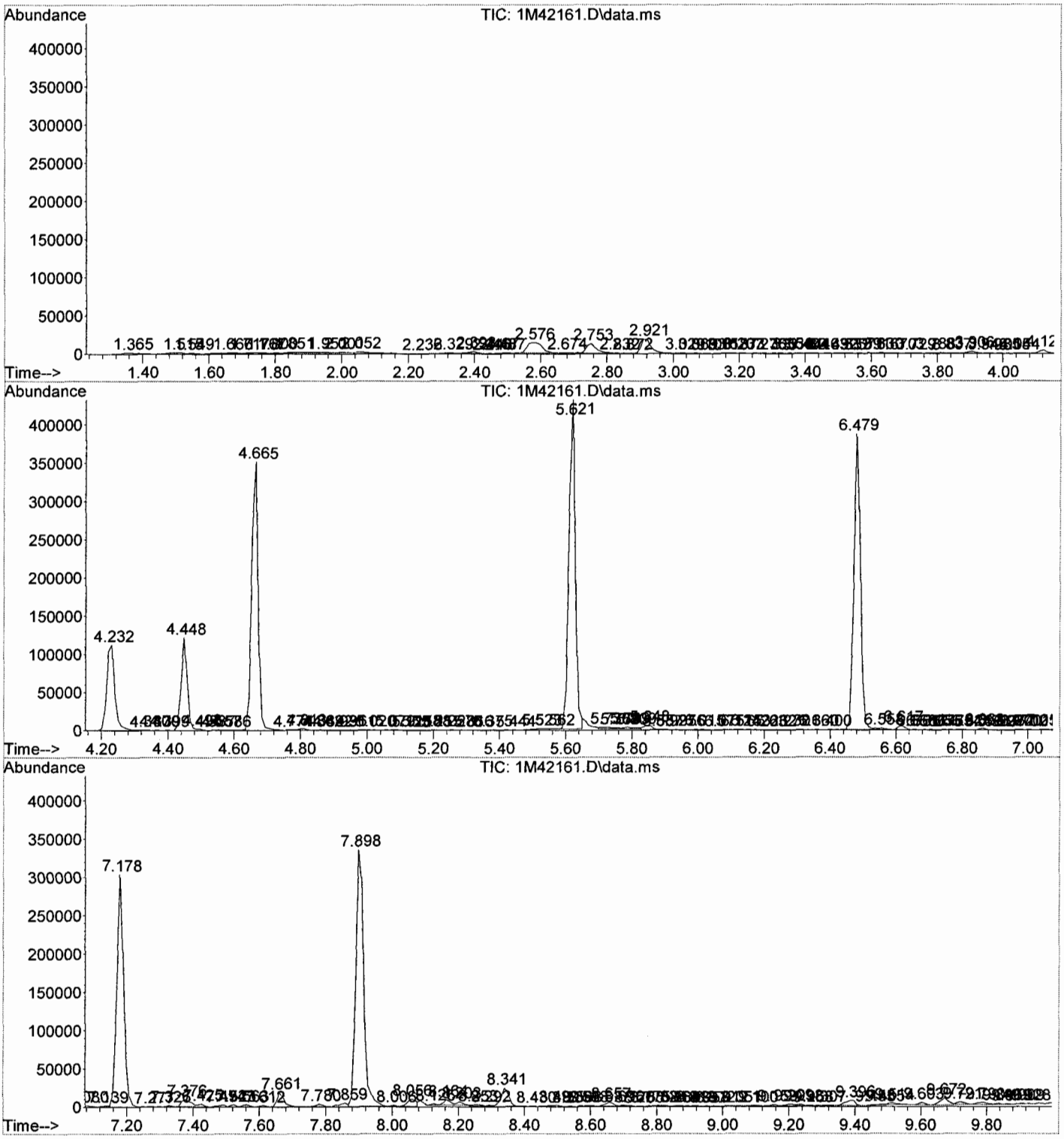
154	8.953	735	737	738	rVB2	208	163	0.03%	0.005%
155	8.972	738	739	741	rBV2	390	371	0.06%	0.011%
156	9.012	741	743	744	rVB	463	489	0.08%	0.014%
157	9.051	744	747	749	rVB2	369	477	0.08%	0.014%
158	9.100	749	752	754	rBV2	764	1535	0.26%	0.045%
159	9.159	754	758	759	rBV2	1707	2354	0.40%	0.069%
160	9.209	759	763	765	rBV2	2351	5036	0.86%	0.148%
161	9.238	765	766	767	rVB	1642	971	0.17%	0.028%
162	9.268	767	769	772	rVB2	422	746	0.13%	0.022%
163	9.307	772	773	776	rBV	722	1019	0.17%	0.030%
164	9.396	776	782	784	rBV2	6675	14460	2.48%	0.424%
165	9.455	784	788	789	rBV2	802	1100	0.19%	0.032%
166	9.485	789	791	792	rBV2	882	1317	0.23%	0.039%
167	9.514	792	794	801	rVB2	2350	4858	0.83%	0.143%
168	9.603	801	803	806	rVB3	3320	3911	0.67%	0.115%
169	9.672	806	810	813	rBV3	8989	16315	2.79%	0.479%
170	9.721	813	815	818	rVB4	3298	5570	0.95%	0.163%
171	9.790	818	822	825	rBV4	2805	6700	1.15%	0.197%
172	9.840	825	827	828	rVB	1307	1400	0.24%	0.041%
173	9.869	828	830	831	rBV2	788	1129	0.19%	0.033%
174	9.909	831	834	835	rBV3	650	1038	0.18%	0.030%
175	9.928	835	836	838	rBV2	461	375	0.06%	0.011%

Sum of corrected areas: 3408703

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42161.D
Acq On : 25 Feb 2009 19:44
Operator : WP
Sample : AC42868-003
Misc : S,5G!5
ALS Vial : 35 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42161.D
Acq On : 25 Feb 2009 19:44
Operator : WP
Sample : AC42868-003
Misc : S,5G!5
ALS Vial : 35 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 1M42162.D
Analysis Date: 02/25/09 20:01
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.05g
Final Vol: NA
Dilution: 0.990
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0063	U	56-23-5	Carbon Tetrachloride	0.0063	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0063	U	108-90-7	Chlorobenzene	0.0063	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0063	U	75-00-3	Chloroethane	0.0063	U
79-00-5	1,1,2-Trichloroethane	0.0063	U	67-66-3	Chloroform	0.0063	U
75-34-3	1,1-Dichloroethane	0.0063	U	74-87-3	Chloromethane	0.0063	U
75-35-4	1,1-Dichloroethene	0.0063	U	156-59-2	cis-1,2-Dichloroethene	0.0063	U
96-18-4	1,2,3-Trichloropropane	0.0063	U	10061-01-5	cis-1,3-Dichloropropene	0.0063	U
95-63-6	1,2,4-Trimethylbenzene	0.0013	U	124-48-1	Dibromochloromethane	0.0063	U
95-50-1	1,2-Dichlorobenzene	0.0063	U	75-71-8	Dichlorodifluoromethane	0.0063	U
107-06-2	1,2-Dichloroethane	0.0063	U	100-41-4	Ethylbenzene	0.0013	U
78-87-5	1,2-Dichloropropane	0.0063	U	98-82-8	Isopropylbenzene	0.0013	U
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	136777612	m&p-Xylenes	0.0025	U
541-73-1	1,3-Dichlorobenzene	0.0063	U	75-09-2	Methylene Chloride	0.0063	U
142-28-9	1,3-Dichloropropane	0.0063	U	1634-04-4	Methyl-t-butyl ether	0.0013	U
106-46-7	1,4-Dichlorobenzene	0.0063	U	104-51-8	n-Butylbenzene	0.0013	U
123-91-1	1,4-Dioxane	0.31	U	103-65-1	n-Propylbenzene	0.0013	U
78-93-3	2-Butanone	0.0063	U	95-47-6	o-Xylene	0.0013	U
110-75-8	2-Chloroethylvinylether	0.0063	U	135-98-8	sec-Butylbenzene	0.0013	U
591-78-6	2-Hexanone	0.0063	U	100-42-5	Styrene	0.0063	U
99-87-6	4-Isopropyltoluene	0.0013	U	75-65-0	t-Butyl Alcohol	0.031	U
108-10-1	4-Methyl-2-Pentanone	0.0063	U	98-06-6	t-Butylbenzene	0.0013	U
67-64-1	**Acetone**	**0.031**	**0.043**	127-18-4	Tetrachloroethene	0.0063	U
107-02-8	Acrolein	0.031	U	108-88-3	Toluene	0.0013	U
107-13-1	Acrylonitrile	0.0063	U	156-60-5	trans-1,2-Dichloroethene	0.0063	U
71-43-2	Benzene	0.0013	U	10061-02-6	trans-1,3-Dichloropropene	0.0063	U
75-27-4	Bromodichloromethane	0.0063	U	79-01-6	Trichloroethene	0.0063	U
75-25-2	Bromoform	0.0063	U	75-69-4	Trichlorofluoromethane	0.0063	U
74-83-9	Bromomethane	0.0063	U	75-01-4	Vinyl Chloride	0.0063	U
75-15-0	Carbon Disulfide	0.0063	U	1330-20-7	Xylenes (Total)	0.0013	U

Worksheet #: 110162

Total Target Concentration 0.043

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 1M42162.D
Analysis Date: 02/25/09 20:01
Date Rec/Extracted: 02/20/09-NA

Matrix: Soil
Initial Vol: 5.05g
Final Vol: NA
Dilution: 0.990
Solids: 79
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

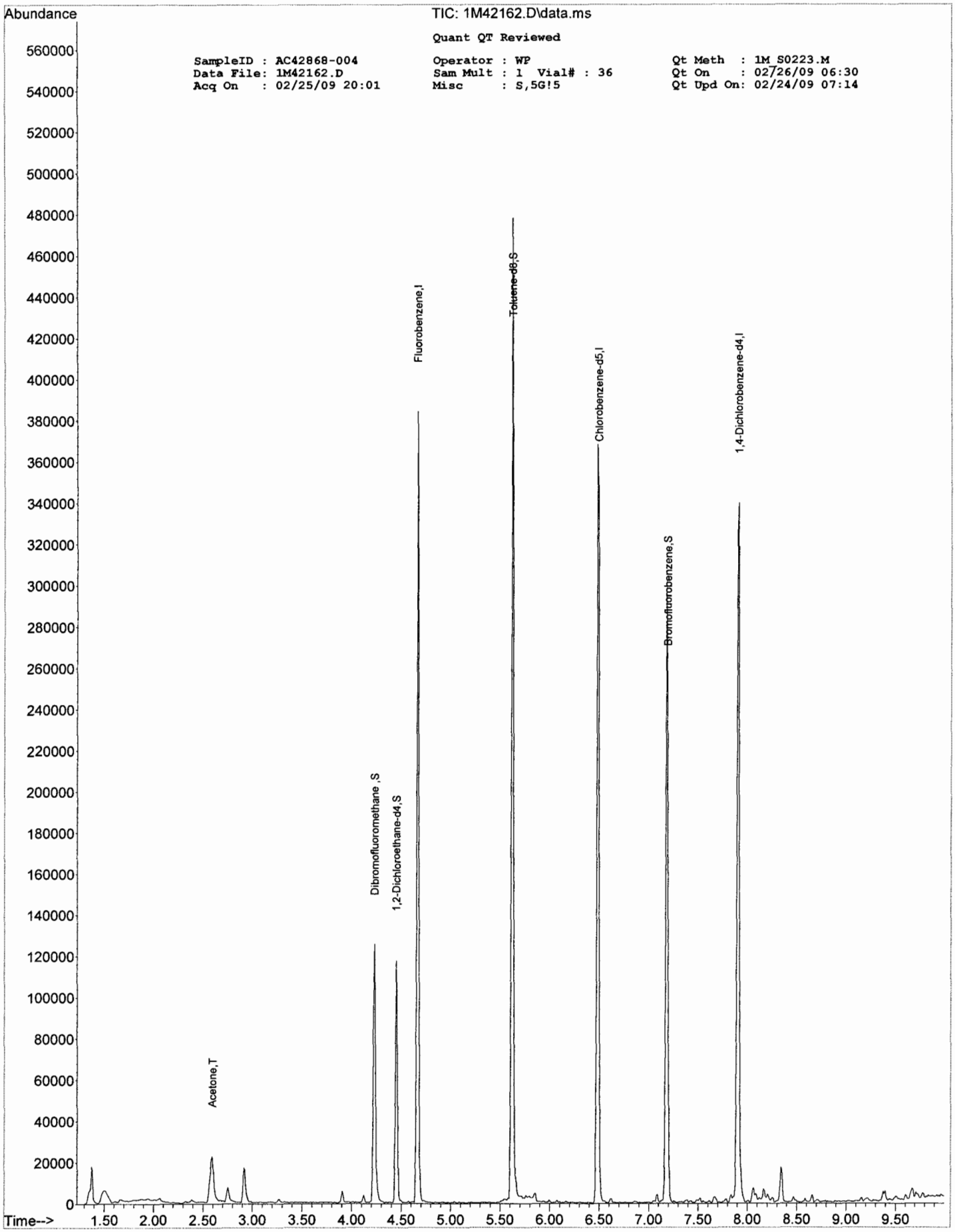
SampleID : AC42868-004 Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42162.D Sam Mult : 1 Vial# : 36 Qt On : 02/26/09 06:30
Acq On : 02/25/09 20:01 Misc : S,5G!5 Qt Upd On: 02/24/09 07:14

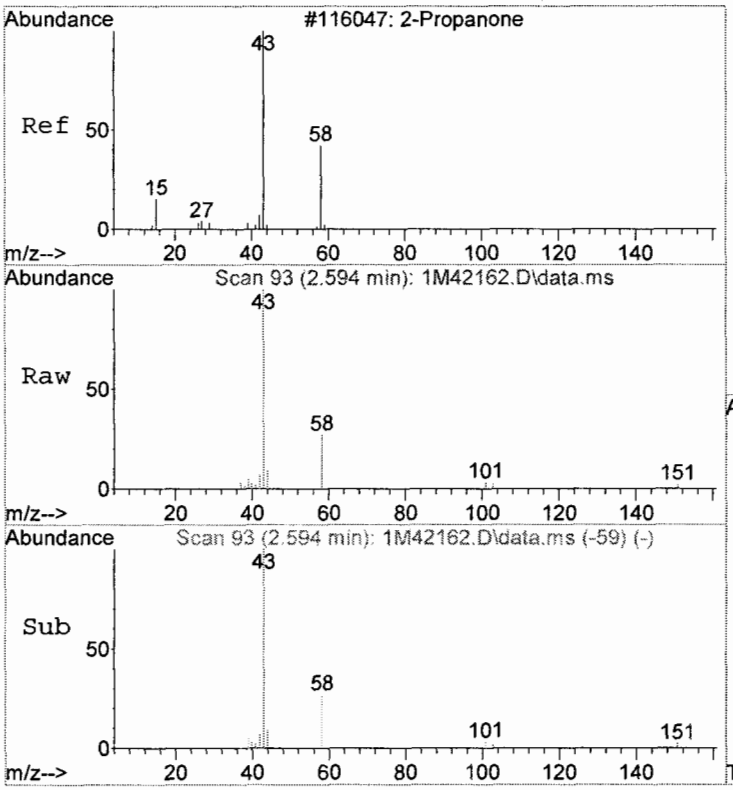
Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.664	96	192486	30.00	ug/l	-0.01
45) Chlorobenzene-d5	6.487	117	160010	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.906	152	86447	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.230	111	57327	32.41	ug/l	-0.01
Spiked Amount 30.000			Recovery = 108.03%			
32) 1,2-Dichloroethane-d4	4.447	102	9822	29.59	ug/l	-0.02
Spiked Amount 30.000			Recovery = 98.63%			
56) Toluene-d8	5.620	100	131889	28.75	ug/l	-0.01
Spiked Amount 30.000			Recovery = 95.83%			
64) Bromofluorobenzene	7.187	174	72061	29.26	ug/l	-0.01
Spiked Amount 30.000			Recovery = 97.53%			
Target Compounds						Qvalue
14) Acetone	2.594	43	30417	34.52	ug/l	96
Library Search Compounds						

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

16

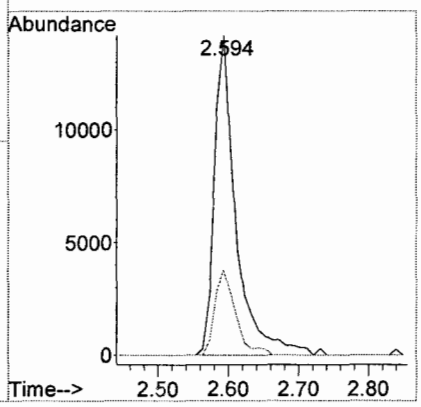

Abundance
TIC: 1M42162.D\data.ms
Quant QT Reviewed
SampleID : AC42868-004
Data File: 1M42162.D
Acq On : 02/25/09 20:01
Operator : WP
Sam Mult : 1 Vial# : 36
Misc : S,5G!5
Qt Meth : 1M_S0223.M
Qt On : 02/26/09 06:30
Qt Upd On: 02/24/09 07:14
Acetone,T
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->



#14
Acetone
Concen: 34.52 ug/l
RT: 2.594 min Scan# 93
Delta R.T. -0.009 min
Lab File: 1M42162.D
Acq: 25 Feb 2009 20:01

Tgt Ion: 43 Resp: 30417

Ion	Ratio	Lower	Upper
43	100		
58	26.7	0.0	64.8



LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42162.D
Acq On : 25 Feb 2009 20:01
Operator : WP
Sample : AC42868-004
Misc : S,5G!5
ALS Vial : 36 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M42162.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.377	5	10	12	rBV	18209	35802	5.75%	0.993%
2	1.511	14	18	22	rVV2	6468	30945	4.97%	0.858%
3	1.611	22	24	26	rVV	1403	4305	0.69%	0.119%
4	1.661	26	27	30	rVV2	2280	7353	1.18%	0.204%
5	1.729	30	31	32	rVV	1577	3029	0.49%	0.084%
6	1.796	32	35	37	rVV3	2028	8962	1.44%	0.249%
7	1.879	37	40	42	rVV3	2469	11097	1.78%	0.308%
8	1.946	42	44	46	rVV	2747	9517	1.53%	0.264%
9	2.013	46	48	49	rVV	2256	6399	1.03%	0.177%
10	2.064	49	51	57	rVV2	2883	11742	1.89%	0.326%
11	2.214	57	60	61	rVV	749	2639	0.42%	0.073%
12	2.248	61	62	64	rVV2	597	1247	0.20%	0.035%
13	2.328	64	66	69	rVV	1334	3768	0.61%	0.105%
14	2.387	69	72	78	rVV2	2157	6710	1.08%	0.186%
15	2.476	78	81	83	rVV	1005	2713	0.44%	0.075%
16	2.505	83	84	85	rVV	1071	1088	0.17%	0.030%
17	2.525	85	86	87	rVV	806	945	0.15%	0.026%
18	2.594	87	93	100	rVV2	23066	66629	10.70%	1.848%
19	2.683	100	102	103	rVV2	1946	2987	0.48%	0.083%
20	2.702	103	104	106	rVV	1600	2275	0.37%	0.063%
21	2.752	106	109	119	rVV	7855	20122	3.23%	0.558%
22	2.860	119	120	123	rVV	947	1738	0.28%	0.048%
23	2.919	123	126	132	rVV	17534	34666	5.57%	0.961%
24	2.988	132	133	134	rVV	1169	938	0.15%	0.026%
25	3.018	134	136	137	rVV	716	1019	0.16%	0.028%
26	3.047	137	139	141	rVV	754	1464	0.24%	0.041%
27	3.077	141	142	146	rVV	908	1973	0.32%	0.055%
28	3.126	146	147	148	rVV	764	711	0.11%	0.020%
29	3.175	148	152	154	rVV	930	2488	0.40%	0.069%
30	3.205	154	155	157	rVV	892	1139	0.18%	0.032%
31	3.264	157	161	165	rVV	2154	5208	0.84%	0.144%
32	3.323	165	167	168	rVV	808	1166	0.19%	0.032%
33	3.353	168	170	172	rVV	742	1112	0.18%	0.031%
34	3.402	172	175	177	rVV	638	1444	0.23%	0.040%
35	3.432	177	178	181	rVV	787	1353	0.22%	0.038%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42162.D
Acq On : 25 Feb 2009 20:01
Operator : WP
Sample : AC42868-004
Misc : S,5G!5
ALS Vial : 36 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

36	3.491	181	184	186	rVV	693	1530	0.25%	0.042%
37	3.530	186	188	189	rVV	757	925	0.15%	0.026%
38	3.550	189	190	191	rVV	581	545	0.09%	0.015%
39	3.589	191	194	195	rVV	740	1037	0.17%	0.029%
40	3.609	195	196	198	rVV2	672	939	0.15%	0.026%
41	3.639	198	199	200	rVV	561	561	0.09%	0.016%
42	3.678	201	203	204	rVV	512	767	0.12%	0.021%
43	3.708	204	206	207	rVV	650	900	0.14%	0.025%
44	3.727	207	208	209	rVV	700	768	0.12%	0.021%
45	3.747	209	210	212	rVV	693	960	0.15%	0.027%
46	3.796	212	215	217	rVV	699	1383	0.22%	0.038%
47	3.826	217	218	221	rVV	678	915	0.15%	0.025%
48	3.905	221	226	229	rVV	5963	9597	1.54%	0.266%
49	3.974	231	233	234	rVV	810	964	0.15%	0.027%
50	4.013	234	237	239	rVV	756	1392	0.22%	0.039%
51	4.043	239	240	241	rVV	548	504	0.08%	0.014%
52	4.062	241	242	244	rVV	372	519	0.08%	0.014%
53	4.122	244	248	251	rVV2	3793	5850	0.94%	0.162%
54	4.171	251	253	254	rVV	394	620	0.10%	0.017%
55	4.230	255	259	269	rVV	125542	194713	31.27%	5.400%
56	4.348	269	271	273	rVV	568	711	0.11%	0.020%
57	4.378	273	274	278	rVV	595	1093	0.18%	0.030%
58	4.447	278	281	285	rVV	117563	156881	25.20%	4.351%
59	4.496	285	286	288	rVV	1566	1680	0.27%	0.047%
60	4.526	288	289	291	rVV	396	568	0.09%	0.016%
61	4.575	291	294	295	rVV	704	997	0.16%	0.028%
62	4.624	295	299	300	rVV	604	1196	0.19%	0.033%
63	4.664	300	303	308	rVV	384166	488449	78.45%	13.547%
64	4.733	308	310	311	rVV	1180	1649	0.26%	0.046%
65	4.752	311	312	315	rVV2	604	995	0.16%	0.028%
66	4.792	315	316	320	rVV	424	477	0.08%	0.013%
67	4.841	320	321	325	rVV	351	548	0.09%	0.015%
68	4.920	325	329	333	rVB2	468	1193	0.19%	0.033%
69	4.979	333	335	337	rVB	404	488	0.08%	0.014%
70	5.009	337	338	340	rBV	464	592	0.10%	0.016%
71	5.038	340	341	344	rVV	656	546	0.09%	0.015%
72	5.087	344	346	348	rVB	489	483	0.08%	0.013%
73	5.127	348	350	352	rBV	247	438	0.07%	0.012%
74	5.156	352	353	354	rVV	81	50	0.01%	0.001%
75	5.186	354	356	357	rVB	371	271	0.04%	0.008%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42162.D
Acq On : 25 Feb 2009 20:01
Operator : WP
Sample : AC42868-004
Misc : S,5G!5
ALS Vial : 36 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

76	5.216	357	359	360	rBV	265	287	0.05%	0.008%
77	5.265	363	364	365	rVB	199	118	0.02%	0.003%
78	5.285	365	366	367	rBV	59	61	0.01%	0.002%
79	5.314	367	369	371	rBV	346	447	0.07%	0.012%
80	5.344	371	372	375	rVV	203	246	0.04%	0.007%
81	5.393	375	377	379	rVB	437	607	0.10%	0.017%
82	5.442	379	382	383	rVB	174	235	0.04%	0.007%
83	5.472	383	385	386	rBV	375	519	0.08%	0.014%
84	5.541	386	392	395	rVV2	1752	5855	0.94%	0.162%
85	5.580	395	396	397	rVV	2288	2542	0.41%	0.071%
86	5.620	397	400	408	rVV	478026	622629	100.00%	17.268%
87	5.708	408	409	413	rVV2	3156	7631	1.23%	0.212%
88	5.758	413	414	416	rVV	3470	5291	0.85%	0.147%
89	5.797	416	418	421	rVV2	3161	7960	1.28%	0.221%
90	5.856	421	424	426	rVV	4440	7830	1.26%	0.217%
91	5.886	426	427	430	rVV	595	952	0.15%	0.026%
92	5.935	430	432	435	rVV2	518	915	0.15%	0.025%
93	5.994	437	438	441	rVB2	1488	1396	0.22%	0.039%
94	6.043	441	443	444	rBV	293	365	0.06%	0.010%
95	6.073	444	446	448	rVV	1103	967	0.16%	0.027%
96	6.103	448	449	450	rVB	553	327	0.05%	0.009%
97	6.122	450	451	453	rBV	185	220	0.04%	0.006%
98	6.162	453	455	458	rBV	590	681	0.11%	0.019%
99	6.211	458	460	461	rBV	132	97	0.02%	0.003%
100	6.231	461	462	465	rVB	283	296	0.05%	0.008%
101	6.310	465	470	471	rVB	387	526	0.08%	0.015%
102	6.339	471	473	474	rVB	315	266	0.04%	0.007%
103	6.388	476	478	480	rBV	358	547	0.09%	0.015%
104	6.477	484	487	493	rVV	367762	553651	88.92%	15.355%
105	6.556	493	495	498	rVB	1092	1473	0.24%	0.041%
106	6.615	498	501	504	rBV2	2173	3587	0.58%	0.099%
107	6.655	504	505	507	rVB	164	123	0.02%	0.003%
108	6.684	507	508	509	rBV	147	93	0.01%	0.003%
109	6.704	509	510	513	rVB	290	376	0.06%	0.010%
110	6.763	513	516	519	rBV	347	664	0.11%	0.018%
111	6.802	519	520	523	rVB	195	180	0.03%	0.005%
112	6.861	523	526	529	rBV2	666	1563	0.25%	0.043%
113	6.911	529	531	532	rVB	293	245	0.04%	0.007%
114	6.930	532	533	534	rBV	115	108	0.02%	0.003%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42162.D
Acq On : 25 Feb 2009 20:01
Operator : WP
Sample : AC42868-004
Misc : S,5G!5
ALS Vial : 36 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

115	6.960	534	536	537	rBV	270	179	0.03%	0.005%
116	6.990	537	539	543	rVB	266	436	0.07%	0.012%
117	7.049	543	545	547	rBV	1004	1705	0.27%	0.047%
118	7.088	547	549	552	rVB	3640	4491	0.72%	0.125%
119	7.137	552	554	555	rBV	900	1301	0.21%	0.036%
120	7.177	555	558	565	rVB	301819	449545	72.20%	12.468%
121	7.256	565	566	568	rVB	809	738	0.12%	0.020%
122	7.335	568	574	575	rBV2	523	1054	0.17%	0.029%
123	7.394	575	580	581	rBV	1109	1905	0.31%	0.053%
124	7.423	581	583	585	rVB	803	1152	0.19%	0.032%
125	7.453	585	586	588	rBV	47	54	0.01%	0.001%
126	7.492	588	590	591	rBV2	1334	1931	0.31%	0.054%
127	7.522	591	593	595	rVB	2177	2348	0.38%	0.065%
128	7.551	595	596	599	rVB	881	915	0.15%	0.025%
129	7.611	599	602	605	rVB2	1005	1271	0.20%	0.035%
130	7.670	605	608	611	rBV2	2890	5914	0.95%	0.164%
131	7.709	611	612	614	rVB	374	393	0.06%	0.011%
132	7.788	614	620	622	rBV2	1772	3004	0.48%	0.083%
133	7.837	622	625	626	rBV	3816	5388	0.87%	0.149%
134	7.906	628	632	640	rVB	339256	561819	90.23%	15.582%
135	8.015	640	643	644	rVB	1024	1345	0.22%	0.037%
136	8.064	644	648	649	rBV2	7135	12054	1.94%	0.334%
137	8.084	649	650	652	rVV2	3882	4615	0.74%	0.128%
138	8.123	652	654	655	rVV	1916	2733	0.44%	0.076%
139	8.162	655	658	661	rVV2	6171	11588	1.86%	0.321%
140	8.202	661	662	665	rVV2	3657	5187	0.83%	0.144%
141	8.251	665	667	670	rVB3	2346	3288	0.53%	0.091%
142	8.300	670	672	673	rBV	754	1150	0.18%	0.032%
143	8.340	673	676	683	rVB2	16989	28281	4.54%	0.784%
144	8.468	686	689	695	rVB2	2818	5274	0.85%	0.146%
145	8.537	695	696	697	rBV	378	241	0.04%	0.007%
146	8.586	697	701	704	rBV	1943	2907	0.47%	0.081%
147	8.655	704	708	710	rVB2	3532	5141	0.83%	0.143%
148	8.705	710	713	717	rBV2	1181	2661	0.43%	0.074%
149	8.773	717	720	721	rBV	596	749	0.12%	0.021%
150	8.793	721	722	723	rVB	680	402	0.06%	0.011%
151	8.813	723	724	725	rBV	424	358	0.06%	0.010%
152	8.892	730	732	734	rBV2	770	988	0.16%	0.027%
153	8.931	734	736	737	rVB	593	522	0.08%	0.014%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42162.D
Acq On : 25 Feb 2009 20:01
Operator : WP
Sample : AC42868-004
Misc : S,5G!5
ALS Vial : 36 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

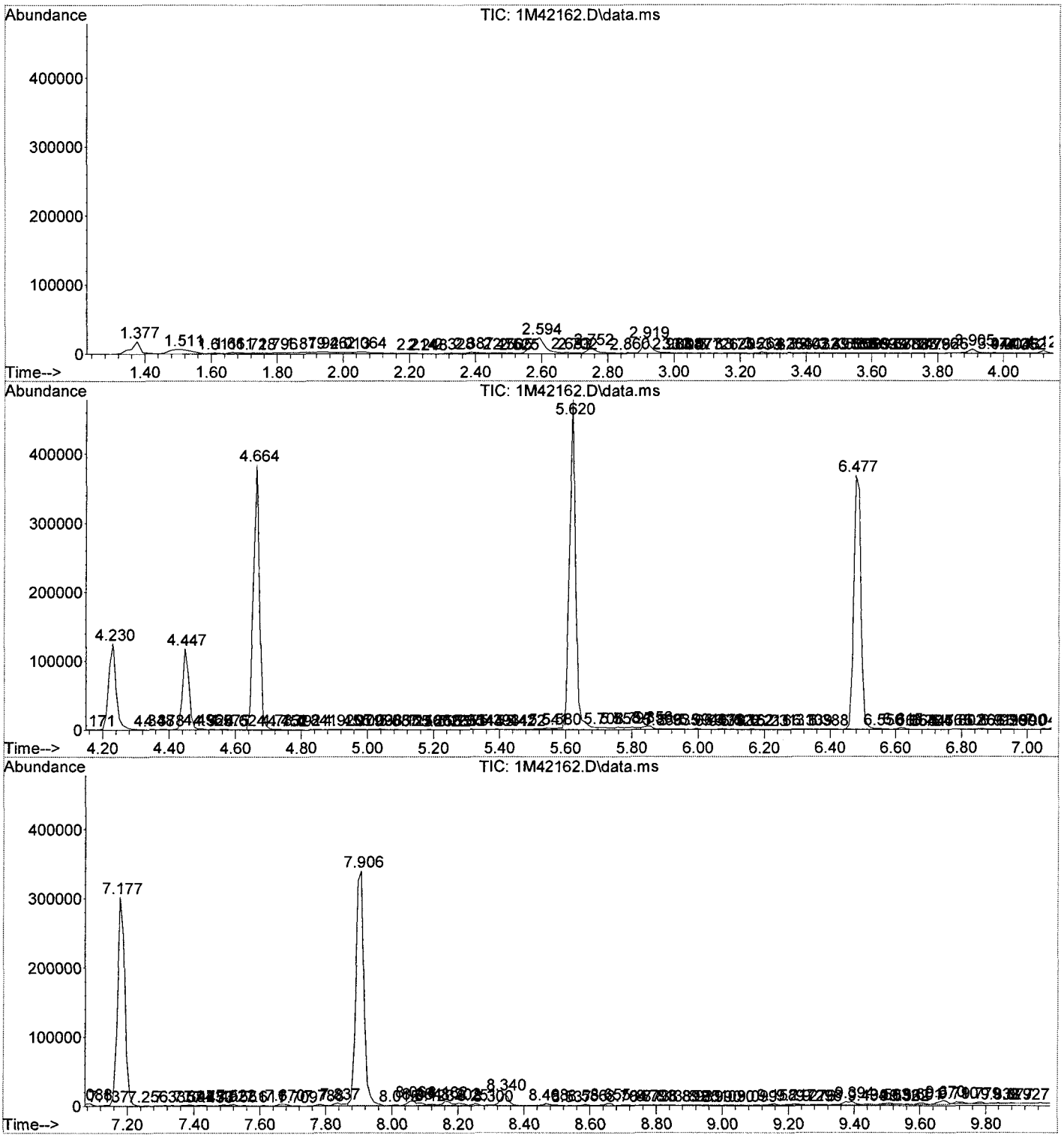
154	8.951	737	738	741	rBV	308	398	0.06%	0.011%
155	8.990	741	742	743	rVB	288	170	0.03%	0.005%
156	9.030	743	746	749	rBV2	764	1526	0.25%	0.042%
157	9.099	749	753	757	rBV2	593	1449	0.23%	0.040%
158	9.158	757	759	761	rVB2	2029	2361	0.38%	0.065%
159	9.217	761	765	770	rBV3	1847	4587	0.74%	0.127%
160	9.276	770	771	772	rBV	824	706	0.11%	0.020%
161	9.296	772	773	776	rVB	477	693	0.11%	0.019%
162	9.394	776	783	786	rBV2	4997	12043	1.93%	0.334%
163	9.434	786	787	790	rVB2	624	929	0.15%	0.026%
164	9.503	790	794	796	rBV2	1988	4211	0.68%	0.117%
165	9.532	796	797	799	rVB2	488	547	0.09%	0.015%
166	9.562	799	800	802	rVB	469	421	0.07%	0.012%
167	9.601	802	804	807	rBV3	2326	3482	0.56%	0.097%
168	9.670	807	811	813	rBV3	5243	10392	1.67%	0.288%
169	9.710	813	815	819	rVB3	2956	5109	0.82%	0.142%
170	9.779	819	822	825	rBV2	2464	3944	0.63%	0.109%
171	9.838	825	828	831	rBV2	1197	2512	0.40%	0.070%
172	9.877	831	832	835	rVV2	570	699	0.11%	0.019%
173	9.927	835	837	840	rVB3	834	1195	0.19%	0.033%

Sum of corrected areas: 3605664

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42162.D
Acq On : 25 Feb 2009 20:01
Operator : WP
Sample : AC42868-004
Misc : S,5G!5
ALS Vial : 36 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42162.D
Acq On : 25 Feb 2009 20:01
Operator : WP
Sample : AC42868-004
Misc : S,5G!5
ALS Vial : 36 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 1M42163.D
Analysis Date: 02/25/09 20:18
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 4.99g
Final Vol: NA
Dilution: 1.00
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0065	U	56-23-5	Carbon Tetrachloride	0.0065	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0065	U	108-90-7	Chlorobenzene	0.0065	U
76-13-1	**1,1,2-Trichloro-1,2,2-triflu**	**0.0065**	**0.0088**	75-00-3	Chloroethane	0.0065	U
79-00-5	1,1,2-Trichloroethane	0.0065	U	67-66-3	Chloroform	0.0065	U
75-34-3	1,1-Dichloroethane	0.0065	U	74-87-3	Chloromethane	0.0065	U
75-35-4	1,1-Dichloroethene	0.0065	U	156-59-2	cis-1,2-Dichloroethene	0.0065	U
96-18-4	1,2,3-Trichloropropane	0.0065	U	10061-01-5	cis-1,3-Dichloropropene	0.0065	U
95-63-6	1,2,4-Trimethylbenzene	0.0013	U	124-48-1	Dibromochloromethane	0.0065	U
95-50-1	1,2-Dichlorobenzene	0.0065	U	75-71-8	Dichlorodifluoromethane	0.0065	U
107-06-2	1,2-Dichloroethane	0.0065	U	100-41-4	Ethylbenzene	0.0013	U
78-87-5	1,2-Dichloropropane	0.0065	U	98-82-8	Isopropylbenzene	0.0013	U
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	136777612	m&p-Xylenes	0.0026	U
541-73-1	1,3-Dichlorobenzene	0.0065	U	75-09-2	Methylene Chloride	0.0065	U
142-28-9	1,3-Dichloropropane	0.0065	U	1634-04-4	Methyl-t-butyl ether	0.0013	U
106-46-7	1,4-Dichlorobenzene	0.0065	U	104-51-8	n-Butylbenzene	0.0013	U
123-91-1	1,4-Dioxane	0.33	U	103-65-1	n-Propylbenzene	0.0013	U
78-93-3	2-Butanone	0.0065	U	95-47-6	o-Xylene	0.0013	U
110-75-8	2-Chloroethylvinylether	0.0065	U	135-98-8	sec-Butylbenzene	0.0013	U
591-78-6	2-Hexanone	0.0065	U	100-42-5	Styrene	0.0065	U
99-87-6	4-Isopropyltoluene	0.0013	U	75-65-0	t-Butyl Alcohol	0.033	U
108-10-1	4-Methyl-2-Pentanone	0.0065	U	98-06-6	t-Butylbenzene	0.0013	U
67-64-1	Acetone	0.033	U	127-18-4	Tetrachloroethene	0.0065	U
107-02-8	Acrolein	0.033	U	108-88-3	Toluene	0.0013	U
107-13-1	Acrylonitrile	0.0065	U	156-60-5	trans-1,2-Dichloroethene	0.0065	U
71-43-2	Benzene	0.0013	U	10061-02-6	trans-1,3-Dichloropropene	0.0065	U
75-27-4	Bromodichloromethane	0.0065	U	79-01-6	Trichloroethene	0.0065	U
75-25-2	Bromoform	0.0065	U	75-69-4	Trichlorofluoromethane	0.0065	U
74-83-9	Bromomethane	0.0065	U	75-01-4	Vinyl Chloride	0.0065	U
75-15-0	Carbon Disulfide	0.0065	U	1330-20-7	Xylenes (Total)	0.0013	U

Worksheet #: 110162

Total Target Concentration 0.0088

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 1M42163.D
Analysis Date: 02/25/09 20:18
Date Rec/Extracted: 02/20/09-NA

Matrix: Soil
Initial Vol: 4.99g
Final Vol: NA
Dilution: 1.00
Solids: 77
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

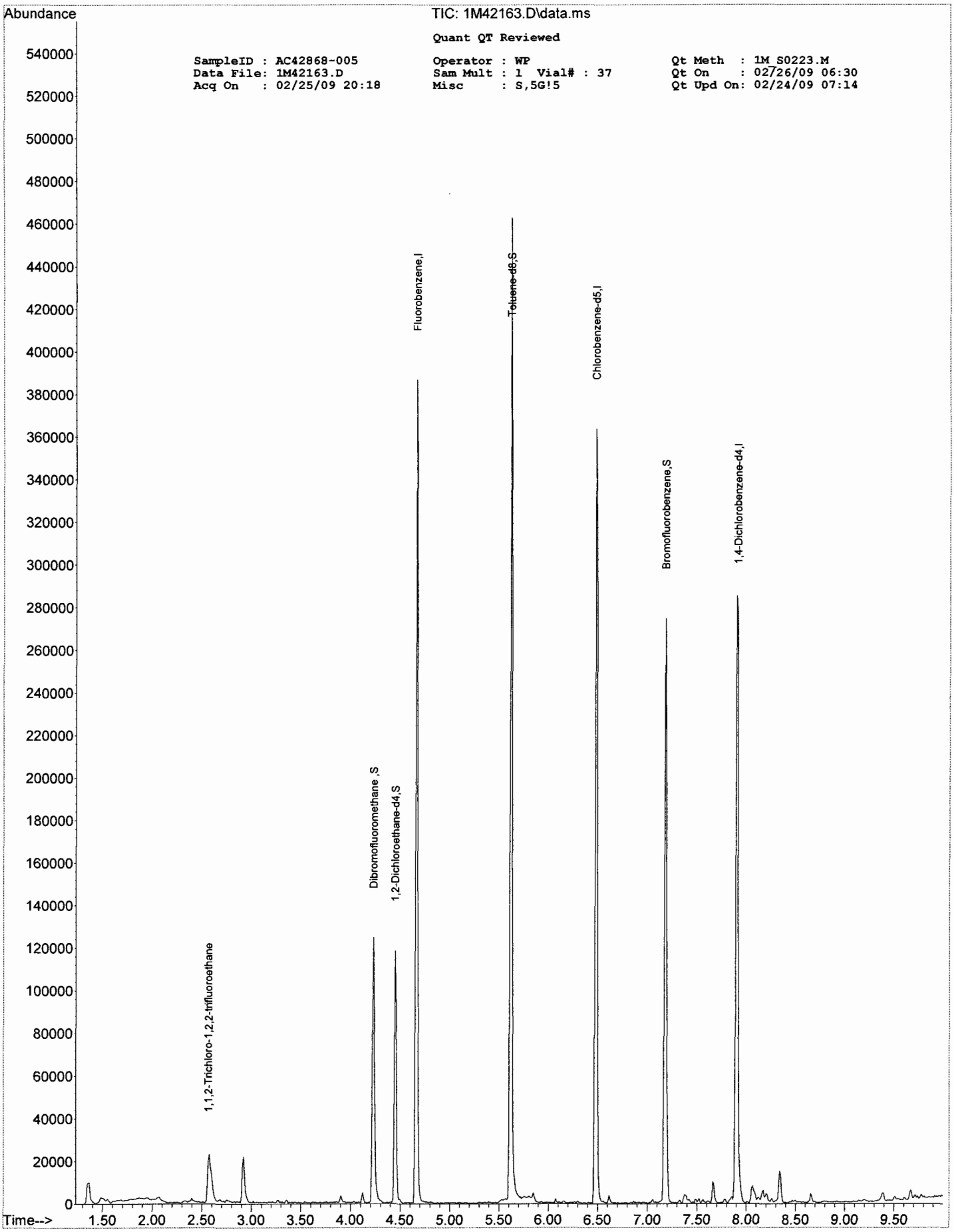
SampleID : AC42868-005 Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42163.D Sam Mult : 1 Vial# : 37 Qt On : 02/26/09 06:30
Acq On : 02/25/09 20:18 Misc : S,5G!5 Qt Upd On: 02/24/09 07:14

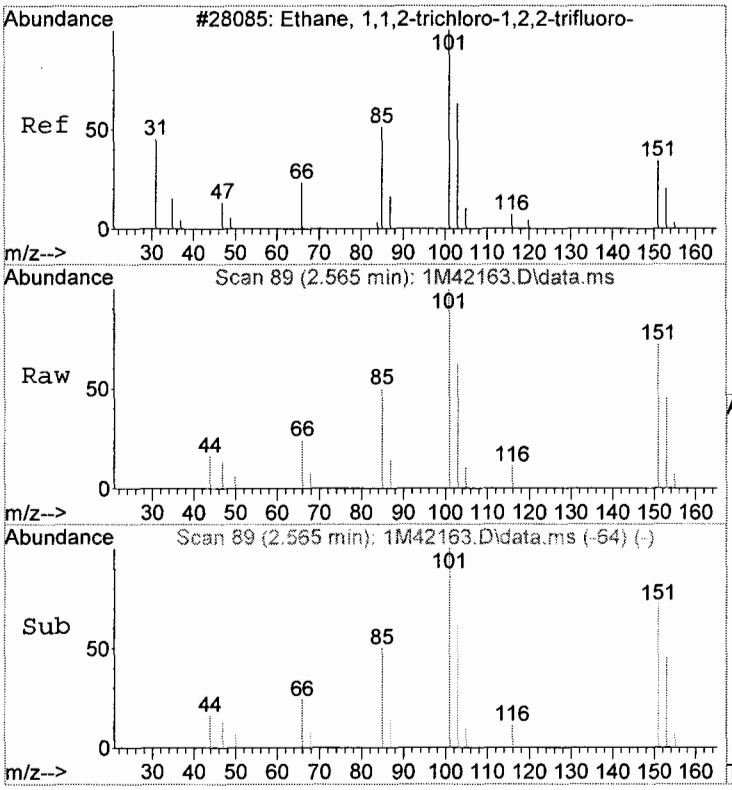
Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.664	96	192184	30.00	ug/l	-0.01
45) Chlorobenzene-d5	6.478	117	151805	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.907	152	72853	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.230	111	58089	32.89	ug/l	-0.01
Spiked Amount 30.000			Recovery = 109.63%			
32) 1,2-Dichloroethane-d4	4.447	102	10631	32.07	ug/l	-0.02
Spiked Amount 30.000			Recovery = 106.90%			
56) Toluene-d8	5.620	100	125114	28.74	ug/l	-0.01
Spiked Amount 30.000			Recovery = 95.80%			
64) Bromofluorobenzene	7.177	174	66189	31.89	ug/l	-0.02
Spiked Amount 30.000			Recovery = 106.30%			
Target Compounds						Qvalue
9) 1,1,2-Trichloro-1,2,2-...	2.565	101	8345	6.80	ug/l	93
Library Search Compounds						

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

Ve

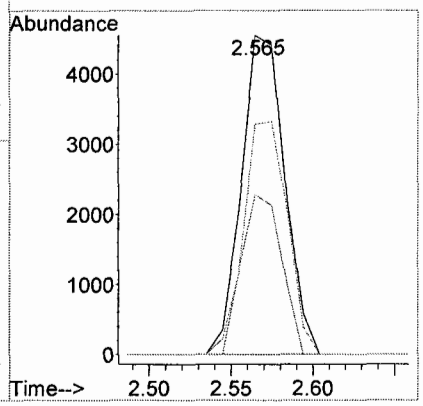

Abundance
TIC: 1M42163.D\data.ms
Quant QT Reviewed
SampleID : AC42868-005
Data File: 1M42163.D
Acq On : 02/25/09 20:18
Operator : WP
Sam Mult : 1 Vial# : 37
Misc : S,5G!5
Qt Meth : 1M_S0223.M
Qt On : 02/26/09 06:30
Qt Upd On: 02/24/09 07:14
1,1,2-Trichloro-1,2,2-trifluoroethane
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->



#9
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.80 ug/l
RT: 2.565 min Scan# 89
Delta R.T. -0.019 min
Lab File: 1M42163.D
Acq: 25 Feb 2009 20:18

Tgt Ion:101 Resp: 8345

Ion	Ratio	Lower	Upper
101	100		
85	46.6	2.3	82.3
151	73.9	40.8	120.8



Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42163.D
Acq On : 25 Feb 2009 20:18
Operator : WP
Sample : AC42868-005
Misc : S,5G!5
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M42163.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.366	6	9	13	rBV	9902	24253	3.97%	0.727%
2	1.483	13	16	19	rVV2	2940	10825	1.77%	0.324%
3	1.550	19	20	22	rVV	2203	3454	0.56%	0.104%
4	1.600	22	23	24	rVV	1305	2447	0.40%	0.073%
5	1.684	24	28	29	rVV3	1871	7650	1.25%	0.229%
6	1.785	31	34	35	rVV2	2196	7637	1.25%	0.229%
7	1.868	35	39	42	rVV6	2661	16791	2.75%	0.503%
8	1.952	42	44	46	rVV3	2830	9151	1.50%	0.274%
9	2.002	46	47	48	rVV	2088	3962	0.65%	0.119%
10	2.070	48	51	56	rVV2	3121	13065	2.14%	0.392%
11	2.204	56	59	60	rVV2	478	1736	0.28%	0.052%
12	2.254	60	62	64	rVV2	564	1275	0.21%	0.038%
13	2.328	64	65	68	rVV	1217	3914	0.64%	0.117%
14	2.368	68	69	70	rVV	1119	1164	0.19%	0.035%
15	2.397	70	72	78	rVV3	2303	5285	0.86%	0.158%
16	2.466	78	79	81	rVV	794	937	0.15%	0.028%
17	2.516	81	84	85	rVV	549	980	0.16%	0.029%
18	2.575	86	90	98	rVV2	22833	63046	10.31%	1.890%
19	2.683	98	101	104	rVV2	1679	3880	0.63%	0.116%
20	2.722	104	105	106	rVV	1031	781	0.13%	0.023%
21	2.752	106	108	114	rVV2	1415	3963	0.65%	0.119%
22	2.831	114	116	117	rVB	656	612	0.10%	0.018%
23	2.851	117	118	120	rBV	602	907	0.15%	0.027%
24	2.880	120	121	122	rVV	565	369	0.06%	0.011%
25	2.920	122	125	132	rVV	21435	38528	6.30%	1.155%
26	2.998	132	133	134	rVB	321	190	0.03%	0.006%
27	3.018	134	135	136	rVB	806	477	0.08%	0.014%
28	3.038	136	137	138	rBV	285	282	0.05%	0.008%
29	3.058	138	139	141	rVB	292	270	0.04%	0.008%
30	3.087	141	142	144	rBV	325	281	0.05%	0.008%
31	3.127	144	146	149	rVB	351	625	0.10%	0.019%
32	3.176	149	151	154	rBV	613	1222	0.20%	0.037%
33	3.215	154	155	158	rVB	457	410	0.07%	0.012%
34	3.265	158	160	164	rVB2	1213	2050	0.34%	0.061%
35	3.314	164	165	166	rVB	481	284	0.05%	0.009%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42163.D
Acq On : 25 Feb 2009 20:18
Operator : WP
Sample : AC42868-005
Misc : S,5G!5
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

36	3.353	166	169	171	rVB	1419	1789	0.29%	0.054%
37	3.383	171	172	174	rBV	449	574	0.09%	0.017%
38	3.412	174	175	176	rVB	449	266	0.04%	0.008%
39	3.432	176	177	180	rBV	266	459	0.08%	0.014%
40	3.481	180	182	186	rVB	362	816	0.13%	0.024%
41	3.541	186	188	191	rBV	650	915	0.15%	0.027%
42	3.580	191	192	194	rVB	279	250	0.04%	0.007%
43	3.619	194	196	198	rBV	550	707	0.12%	0.021%
44	3.649	198	199	200	rVB	372	220	0.04%	0.007%
45	3.678	200	202	203	rBV	87	93	0.02%	0.003%
46	3.698	203	204	205	rVB	351	208	0.03%	0.006%
47	3.738	205	208	209	rBV	337	291	0.05%	0.009%
48	3.757	209	210	212	rVB	541	334	0.05%	0.010%
49	3.797	212	214	216	rBV	334	441	0.07%	0.013%
50	3.836	216	218	219	rVB	447	391	0.06%	0.012%
51	3.856	219	220	222	rBV	567	580	0.09%	0.017%
52	3.905	222	225	227	rBV	3185	3968	0.65%	0.119%
53	3.945	227	229	230	rVB	448	487	0.08%	0.015%
54	3.994	230	234	235	rVB	201	350	0.06%	0.010%
55	4.033	235	238	240	rVB	770	1146	0.19%	0.034%
56	4.083	240	243	245	rBV	574	855	0.14%	0.026%
57	4.122	245	247	249	rBV	4693	5198	0.85%	0.156%
58	4.152	249	250	251	rVB	156	92	0.02%	0.003%
59	4.230	254	258	271	rVB	124345	193196	31.60%	5.791%
60	4.368	271	272	273	rVB	436	258	0.04%	0.008%
61	4.408	273	276	277	rBV	429	794	0.13%	0.024%
62	4.447	277	280	284	rBV	117916	157779	25.80%	4.730%
63	4.497	284	285	288	rVB	1641	1544	0.25%	0.046%
64	4.546	288	290	291	rBV	111	132	0.02%	0.004%
65	4.575	291	293	296	rVB	233	385	0.06%	0.012%
66	4.615	296	297	299	rBV	275	364	0.06%	0.011%
67	4.664	299	302	311	rBV	386229	482999	78.99%	14.478%
68	4.763	311	312	314	rVB	411	384	0.06%	0.012%
69	4.812	314	317	321	rVB	602	824	0.13%	0.025%
70	4.861	321	322	323	rVB	55	33	0.01%	0.001%
71	4.881	323	324	325	rVB	377	223	0.04%	0.007%
72	4.910	325	327	331	rBV	295	779	0.13%	0.023%
73	4.960	331	332	333	rBV	333	248	0.04%	0.007%
74	4.989	333	335	336	rVB	219	230	0.04%	0.007%
75	5.009	336	337	338	rBV	260	247	0.04%	0.007%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42163.D
Acq On : 25 Feb 2009 20:18
Operator : WP
Sample : AC42868-005
Misc : S,5G!5
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

76	5.048	340	341	343	rVB	260	235	0.04%	0.007%
77	5.078	343	344	345	rVB	182	108	0.02%	0.003%
78	5.098	345	346	348	rBV	373	292	0.05%	0.009%
79	5.127	348	349	350	rVB	155	92	0.02%	0.003%
80	5.147	350	351	353	rBV	206	303	0.05%	0.009%
81	5.177	353	354	355	rVB	237	140	0.02%	0.004%
82	5.206	355	357	359	rBV	185	245	0.04%	0.007%
83	5.246	359	361	363	rBV	120	178	0.03%	0.005%
84	5.305	363	367	370	rVB2	434	799	0.13%	0.024%
85	5.354	370	372	374	rBV	489	720	0.12%	0.022%
86	5.393	374	376	380	rBV	530	733	0.12%	0.022%
87	5.443	380	381	382	rVB	88	52	0.01%	0.002%
88	5.462	382	383	385	rVB	257	300	0.05%	0.009%
89	5.531	385	390	391	rBV2	1645	3589	0.59%	0.108%
90	5.620	396	399	410	rVV	462262	611470	100.00%	18.329%
91	5.758	410	413	415	rVV2	3012	7672	1.25%	0.230%
92	5.807	415	418	420	rVV3	3097	7913	1.29%	0.237%
93	5.847	420	422	429	rVV	4573	8013	1.31%	0.240%
94	5.935	429	431	433	rVB	623	611	0.10%	0.018%
95	5.985	433	436	439	rBV	415	783	0.13%	0.023%
96	6.024	439	440	442	rBV	245	239	0.04%	0.007%
97	6.054	442	443	444	rVB	285	168	0.03%	0.005%
98	6.073	444	445	447	rBV	1993	1682	0.28%	0.050%
99	6.113	447	449	450	rVB	481	460	0.08%	0.014%
100	6.152	450	453	456	rVB	809	1442	0.24%	0.043%
101	6.231	456	461	463	rVB	296	570	0.09%	0.017%
102	6.271	463	465	466	rBV	587	582	0.10%	0.017%
103	6.300	466	468	473	rBV	760	1256	0.21%	0.038%
104	6.369	473	475	477	rVB	309	436	0.07%	0.013%
105	6.409	477	479	481	rBV	466	634	0.10%	0.019%
106	6.438	481	482	483	rBV	264	182	0.03%	0.005%
107	6.478	483	486	493	rBV	363272	531900	86.99%	15.944%
108	6.556	493	494	497	rVB	984	957	0.16%	0.029%
109	6.615	497	500	504	rBV	3487	4279	0.70%	0.128%
110	6.684	506	507	508	rVB	62	37	0.01%	0.001%
111	6.704	508	509	512	rVB	259	208	0.03%	0.006%
112	6.744	512	513	515	rBV	177	192	0.03%	0.006%
113	6.773	515	516	519	rBV	318	343	0.06%	0.010%
114	6.842	519	523	524	rBV	364	580	0.09%	0.017%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42163.D
Acq On : 25 Feb 2009 20:18
Operator : WP
Sample : AC42868-005
Misc : S,5G!5
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

115	6.862	524	525	528	rBV	802	796	0.13%	0.024%
116	6.921	528	531	532	rBV	191	320	0.05%	0.010%
117	6.960	532	535	540	rVB	442	1145	0.19%	0.034%
118	7.059	540	545	546	rBV	1663	2650	0.43%	0.079%
119	7.079	546	547	549	rBV	231	208	0.03%	0.006%
120	7.177	554	557	564	rVB2	274132	409492	66.97%	12.275%
121	7.256	564	565	567	rBV	282	273	0.04%	0.008%
122	7.286	567	568	569	rVB	213	126	0.02%	0.004%
123	7.325	569	572	574	rVB2	1386	1677	0.27%	0.050%
124	7.374	574	577	581	rBV2	3850	9325	1.53%	0.280%
125	7.424	581	582	585	rVB	1589	1319	0.22%	0.040%
126	7.463	585	586	587	rBV	558	333	0.05%	0.010%
127	7.483	587	588	590	rBV	1664	1974	0.32%	0.059%
128	7.522	590	592	594	rVB	1916	2056	0.34%	0.062%
129	7.562	594	596	599	rBV	1465	1853	0.30%	0.056%
130	7.611	599	601	604	rBV2	766	1062	0.17%	0.032%
131	7.660	604	606	612	rVB	9956	14998	2.45%	0.450%
132	7.749	612	615	616	rBV	326	386	0.06%	0.012%
133	7.778	616	618	621	rBV2	1654	2522	0.41%	0.076%
134	7.857	621	626	627	rBV	2842	5419	0.89%	0.162%
135	7.897	627	630	639	rVB	284933	480413	78.57%	14.401%
136	8.015	639	642	643	rVB	651	841	0.14%	0.025%
137	8.064	643	647	651	rBV3	7900	19974	3.27%	0.599%
138	8.123	651	653	655	rBV3	1211	1641	0.27%	0.049%
139	8.173	655	658	659	rBV	4519	6773	1.11%	0.203%
140	8.202	659	661	665	rVB3	3856	6583	1.08%	0.197%
141	8.261	665	667	669	rVB	1761	1942	0.32%	0.058%
142	8.340	669	675	680	rVB2	14611	25430	4.16%	0.762%
143	8.419	682	683	684	rBV2	195	135	0.02%	0.004%
144	8.439	684	685	686	rBV2	447	444	0.07%	0.013%
145	8.468	686	688	689	rBV	984	849	0.14%	0.025%
146	8.498	689	691	694	rVB2	828	917	0.15%	0.027%
147	8.547	694	696	698	rVB	275	365	0.06%	0.011%
148	8.577	698	699	703	rVB2	412	638	0.10%	0.019%
149	8.656	703	707	710	rBV	4346	6120	1.00%	0.183%
150	8.695	710	711	712	rVB	472	279	0.05%	0.008%
151	8.715	712	713	715	rVB	297	287	0.05%	0.009%
152	8.744	715	716	717	rBV	289	289	0.05%	0.009%
153	8.794	717	721	722	rBV2	538	972	0.16%	0.029%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42163.D
Acq On : 25 Feb 2009 20:18
Operator : WP
Sample : AC42868-005
Misc : S,5G!5
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

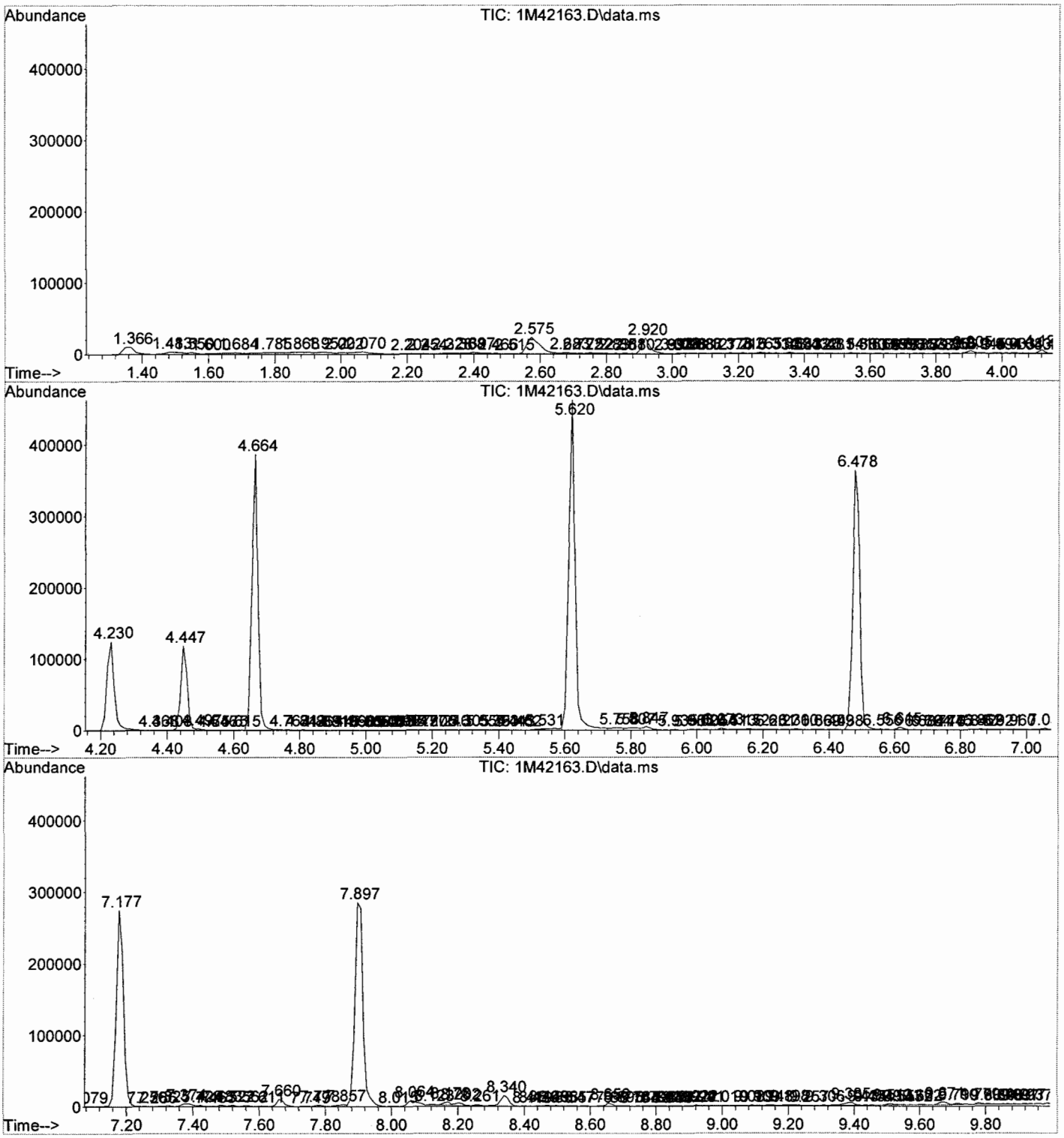
154	8.813	722	723	725	rVB	470	496	0.08%	0.015%
155	8.843	725	726	728	rBV2	300	328	0.05%	0.010%
156	8.872	728	729	730	rVB	277	164	0.03%	0.005%
157	8.892	730	731	733	rBV	372	432	0.07%	0.013%
158	8.922	733	734	735	rBV	670	416	0.07%	0.012%
159	8.941	735	736	737	rVB	230	136	0.02%	0.004%
160	9.010	737	743	745	rBV2	318	701	0.11%	0.021%
161	9.089	749	751	752	rBV2	606	422	0.07%	0.013%
162	9.109	752	753	755	rVB	201	223	0.04%	0.007%
163	9.148	755	757	759	rBV	756	1271	0.21%	0.038%
164	9.198	759	762	765	rBV2	789	1716	0.28%	0.051%
165	9.257	767	768	772	rBV2	439	808	0.13%	0.024%
166	9.306	772	773	775	rBV2	423	692	0.11%	0.021%
167	9.385	775	781	785	rBV3	3795	8202	1.34%	0.246%
168	9.434	785	786	787	rBV	484	430	0.07%	0.013%
169	9.454	787	788	790	rVB	349	317	0.05%	0.010%
170	9.513	790	794	796	rBV	2002	3630	0.59%	0.109%
171	9.543	796	797	799	rVB	583	626	0.10%	0.019%
172	9.572	799	800	802	rVB	359	312	0.05%	0.009%
173	9.602	802	803	807	rBV2	1194	1769	0.29%	0.053%
174	9.671	807	810	813	rBV3	4559	8372	1.37%	0.251%
175	9.710	813	814	816	rBV	1416	1733	0.28%	0.052%
176	9.779	819	821	823	rBV2	1999	2593	0.42%	0.078%
177	9.809	823	824	827	rVB3	932	941	0.15%	0.028%
178	9.848	827	828	831	rBV2	580	1088	0.18%	0.033%
179	9.897	831	833	834	rVB2	349	364	0.06%	0.011%
180	9.917	834	835	836	rBV	913	683	0.11%	0.020%
181	9.937	836	837	838	rBV	439	361	0.06%	0.011%

Sum of corrected areas: 3335999

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42163.D
Acq On : 25 Feb 2009 20:18
Operator : WP
Sample : AC42868-005
Misc : S,5G!5
ALS Vial : 37 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42163.D
Acq On : 25 Feb 2009 20:18
Operator : WP
Sample : AC42868-005
Misc : S,5G!5
ALS Vial : 37 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 6M38430.D
Analysis Date: 02/24/09 16:55
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	25	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 109905

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 6M38430.D
Analysis Date: 02/24/09 16:55
Date Rec/Extracted: 02/20/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109905

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

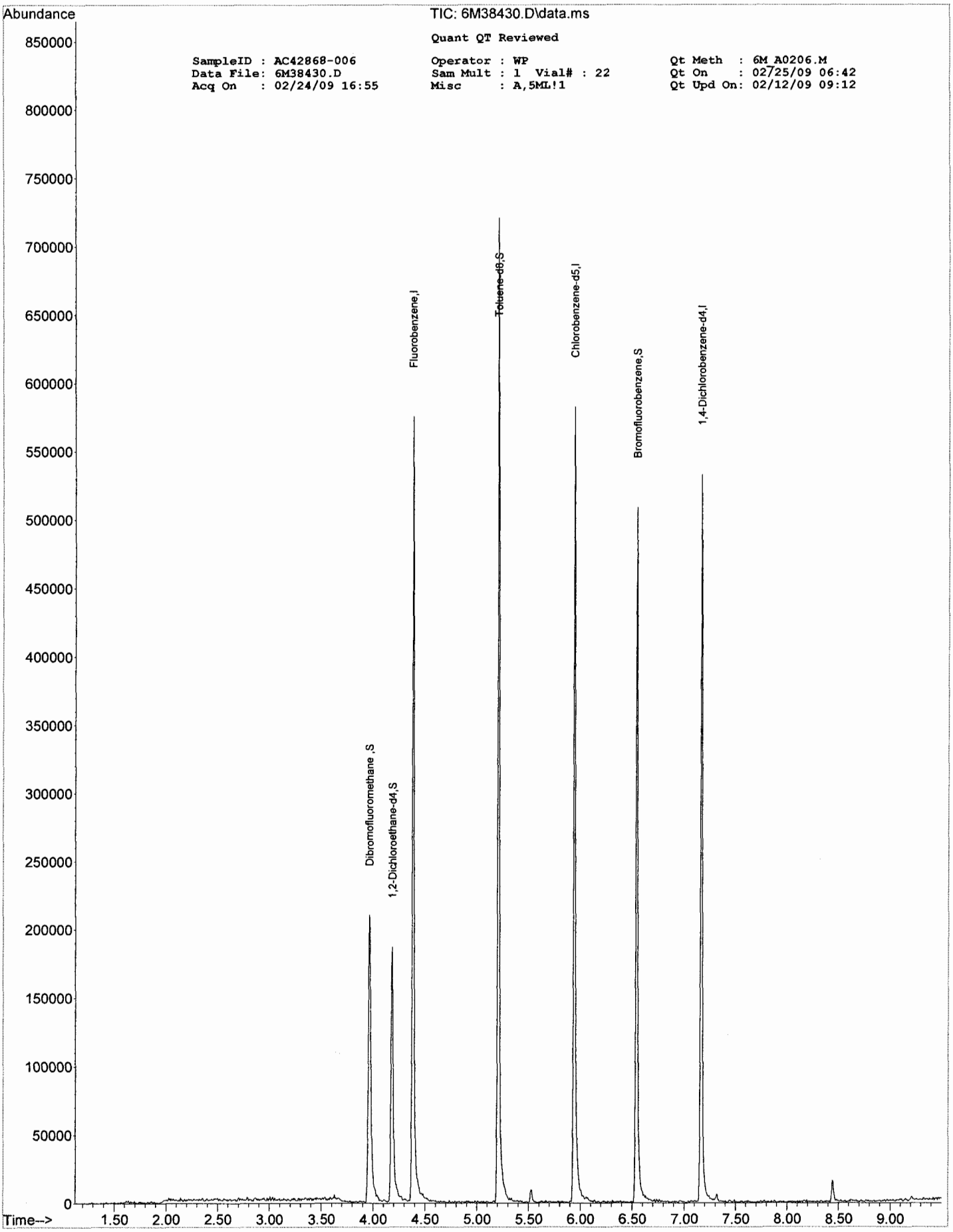
SampleID : AC42868-006 Operator : WP Qt Meth : 6M_A0206.M
Data File: 6M38430.D Sam Mult : 1 Vial# : 22 Qt On : 02/25/09 06:42
Acq On : 02/24/09 16:55 Misc : A,5ML!1 Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.379	96	319633	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.937	117	229358	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	115235	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	111129	35.25	ug/l	0.00
Spiked Amount 30.000			Recovery = 117.50%			
32) 1,2-Dichloroethane-d4	4.181	67	54210	27.51	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.70%			
56) Toluene-d8	5.203	98	297592	27.60	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.00%			
64) Bromofluorobenzene	6.539	174	130184	29.70	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.00%			
Target Compounds						Qvalue
Library Search Compounds						

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

le


Abundance
TIC: 6M38430.D\data.ms
Quant QT Reviewed
SampleID : AC42868-006
Data File: 6M38430.D
Acq On : 02/24/09 16:55
Operator : WP
Sam Mult : 1 Vial# : 22
Misc : A,5ML!1
Qt Meth : 6M_A0206.M
Qt On : 02/25/09 06:42
Qt Upd On: 02/12/09 09:12
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38430.D
Acq On : 24 Feb 2009 16:55
Operator : WP
Sample : AC42868-006
Misc : A,5ML!1
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

Signal : TIC: 6M38430.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.252	21	23	24	rBB	260	178	0.02%	0.004%
2	1.264	24	25	28	rBB	634	457	0.06%	0.010%
3	1.287	28	29	31	rBB	673	386	0.05%	0.009%
4	1.402	47	49	51	rBB	368	219	0.03%	0.005%
5	1.425	51	53	56	rBB	669	670	0.08%	0.015%
6	1.454	56	58	60	rBB	333	326	0.04%	0.007%
7	1.477	60	62	63	rBB	520	280	0.03%	0.006%
8	1.494	64	65	66	rBB	600	207	0.03%	0.005%
9	1.506	66	67	68	rBB	893	309	0.04%	0.007%
10	1.529	69	71	72	rBV	262	265	0.03%	0.006%
11	1.540	72	73	75	rVB	538	273	0.03%	0.006%
12	1.563	75	77	78	rBV	883	553	0.07%	0.013%
13	1.575	78	79	81	rVB	965	434	0.05%	0.010%
14	1.604	81	84	85	rBV	950	1119	0.14%	0.026%
15	1.615	85	86	89	rVV	1222	967	0.12%	0.022%
16	1.638	89	90	91	rVB	1525	527	0.07%	0.012%
17	1.661	93	94	95	rVB	1011	350	0.04%	0.008%
18	1.679	95	97	99	rVB	395	364	0.05%	0.008%
19	1.696	99	100	101	rVB	2004	692	0.09%	0.016%
20	1.713	102	103	106	rBB	531	404	0.05%	0.009%
21	1.742	106	108	109	rBV	1180	779	0.10%	0.018%
22	1.754	109	110	112	rVB	1170	408	0.05%	0.009%
23	1.771	112	113	114	rVB	727	252	0.03%	0.006%
24	1.788	114	116	119	rVB	936	760	0.09%	0.017%
25	1.823	119	122	125	rBV	1205	1431	0.18%	0.033%
26	1.857	125	128	130	rBV	1393	1238	0.15%	0.028%
27	1.886	132	133	136	rVB	1062	537	0.07%	0.012%
28	1.909	136	137	138	rVB	634	219	0.03%	0.005%
29	1.921	138	139	140	rBB	685	237	0.03%	0.005%
30	1.932	140	141	142	rBV	570	347	0.04%	0.008%
31	1.991	142	149	151	rBV2	2364	6032	0.75%	0.138%
32	2.027	153	155	158	rVV	2241	1896	0.24%	0.043%
33	2.070	161	162	165	rVV	1421	973	0.12%	0.022%
34	2.100	165	167	170	rVB	1279	1217	0.15%	0.028%
35	2.124	170	171	173	rBV	950	723	0.09%	0.017%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38430.D
Acq On : 24 Feb 2009 16:55
Operator : WP
Sample : AC42868-006
Misc : A,5ML!1
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

36	2.142	173	174	175	rBV	2539	1186	0.15%	0.027%
37	2.178	178	180	182	rBV	1943	1701	0.21%	0.039%
38	2.202	182	184	185	rBV	1211	713	0.09%	0.016%
39	2.220	185	187	188	rBV	1090	798	0.10%	0.018%
40	2.268	193	195	197	rBV	1223	1076	0.13%	0.025%
41	2.352	207	209	213	rVB2	2434	2189	0.27%	0.050%
42	2.394	213	216	219	rBV3	2049	2343	0.29%	0.054%
43	2.442	222	224	226	rVB2	1058	750	0.09%	0.017%
44	2.466	226	228	229	rBV2	1249	770	0.10%	0.018%
45	2.521	235	237	239	rBV	1299	916	0.11%	0.021%
46	2.563	242	244	245	rBV	1599	1242	0.15%	0.028%
47	2.623	250	254	256	rBV	1375	1441	0.18%	0.033%
48	2.701	265	267	269	rBV2	2580	2360	0.29%	0.054%
49	2.743	272	274	276	rVV2	1427	1061	0.13%	0.024%
50	2.785	279	281	283	rVV	2543	2013	0.25%	0.046%
51	2.815	283	286	289	rVB	1586	2459	0.31%	0.056%
52	2.863	291	294	298	rBV2	2317	4391	0.55%	0.101%
53	2.978	311	313	315	rBV2	2284	1495	0.19%	0.034%
54	3.008	317	318	319	rVV	3229	1180	0.15%	0.027%
55	3.032	319	322	324	rVV	2672	2456	0.31%	0.056%
56	3.050	324	325	328	rVV2	2080	1577	0.20%	0.036%
57	3.098	331	333	335	rVV	1768	1231	0.15%	0.028%
58	3.116	335	336	337	rVV	1165	623	0.08%	0.014%
59	3.140	338	340	344	rVV	1785	2212	0.28%	0.051%
60	3.176	344	346	350	rVB	1335	1446	0.18%	0.033%
61	3.285	361	364	365	rBV	2027	1466	0.18%	0.034%
62	3.297	365	366	368	rVB	1650	1040	0.13%	0.024%
63	3.315	368	369	371	rBV2	1818	1533	0.19%	0.035%
64	3.375	378	379	381	rVB	1506	739	0.09%	0.017%
65	3.393	381	382	385	rVB2	1927	1827	0.23%	0.042%
66	3.429	387	388	390	rBV	1206	1142	0.14%	0.026%
67	3.573	410	412	413	rBV	1401	1013	0.13%	0.023%
68	3.585	413	414	417	rVV2	2128	1806	0.22%	0.041%
69	3.627	417	421	424	rVV2	3555	3506	0.44%	0.080%
70	3.730	436	438	439	rVB	938	439	0.05%	0.010%
71	3.778	444	446	448	rVB	1339	1020	0.13%	0.023%
72	3.820	450	453	455	rBV	415	649	0.08%	0.015%
73	3.844	455	457	459	rVB	802	577	0.07%	0.013%
74	3.874	459	462	465	rBV	1181	1352	0.17%	0.031%
75	3.958	471	476	488	rBV	210102	369218	45.95%	8.454%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38430.D
Acq On : 24 Feb 2009 16:55
Operator : WP
Sample : AC42868-006
Misc : A,5ML!1
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

76	4.109	498	501	506	rVB2	1513	2070	0.26%	0.047%
77	4.181	508	513	526	rBV	185616	283400	35.27%	6.489%
78	4.301	531	533	534	rBV	939	527	0.07%	0.012%
79	4.343	539	540	542	rBV	973	692	0.09%	0.016%
80	4.379	542	546	559	rBV	573704	710938	88.47%	16.278%
81	4.554	574	575	577	rBV2	1239	549	0.07%	0.013%
82	4.572	577	578	579	rBV	611	352	0.04%	0.008%
83	4.626	586	587	590	rVB	609	591	0.07%	0.014%
84	4.650	590	591	593	rBV	1195	653	0.08%	0.015%
85	4.680	593	596	602	rVB	992	1767	0.22%	0.040%
86	4.734	603	605	608	rVB	1837	1200	0.15%	0.027%
87	4.764	608	610	613	rBV	921	929	0.12%	0.021%
88	4.788	613	614	617	rBV	1295	854	0.11%	0.020%
89	4.818	617	619	620	rBV	539	543	0.07%	0.012%
90	4.830	620	621	623	rVB	1241	523	0.07%	0.012%
91	4.854	623	625	629	rBV	1088	1251	0.16%	0.029%
92	4.885	629	630	632	rBV	547	278	0.03%	0.006%
93	4.903	632	633	635	rBV	898	492	0.06%	0.011%
94	4.921	635	636	637	rVB	1055	381	0.05%	0.009%
95	4.933	637	638	640	rVB	601	416	0.05%	0.010%
96	4.951	640	641	644	rBV	459	471	0.06%	0.011%
97	4.981	644	646	649	rBV	1167	866	0.11%	0.020%
98	5.011	649	651	654	rVB	1088	837	0.10%	0.019%
99	5.047	654	657	658	rVB	834	575	0.07%	0.013%
100	5.065	658	660	661	rBV	822	525	0.07%	0.012%
101	5.083	661	663	664	rBV	431	304	0.04%	0.007%
102	5.095	664	665	670	rVB	1017	1094	0.14%	0.025%
103	5.131	670	671	673	rBV	453	251	0.03%	0.006%
104	5.167	673	677	679	rBV	1326	1610	0.20%	0.037%
105	5.203	679	683	701	rBV	720493	803563	100.00%	18.398%
106	5.318	701	702	703	rVV	3153	1730	0.22%	0.040%
107	5.336	703	705	707	rVV	2979	2441	0.30%	0.056%
108	5.384	711	713	714	rVV	978	787	0.10%	0.018%
109	5.420	717	719	721	rBV2	925	843	0.10%	0.019%
110	5.468	726	727	728	rBV	883	503	0.06%	0.012%
111	5.486	728	730	731	rVB	936	640	0.08%	0.015%
112	5.498	731	732	734	rBV	613	604	0.08%	0.014%
113	5.522	734	736	743	rBV3	9098	12225	1.52%	0.280%
114	5.588	745	747	748	rBV	554	406	0.05%	0.009%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38430.D
Acq On : 24 Feb 2009 16:55
Operator : WP
Sample : AC42868-006
Misc : A,5ML!1
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

115	5.624	751	753	756	rVB	1061	1195	0.15%	0.027%
116	5.654	756	758	759	rBV	775	336	0.04%	0.008%
117	5.667	759	760	763	rVB	1468	900	0.11%	0.021%
118	5.697	763	765	766	rBV	946	695	0.09%	0.016%
119	5.739	770	772	773	rBV	821	701	0.09%	0.016%
120	5.757	773	775	777	rVB	598	420	0.05%	0.010%
121	5.787	777	780	781	rVB	959	862	0.11%	0.020%
122	5.817	783	785	786	rVB	1163	701	0.09%	0.016%
123	5.829	786	787	788	rBV	1327	652	0.08%	0.015%
124	5.841	788	789	793	rVB	456	490	0.06%	0.011%
125	5.871	793	794	797	rVB	836	578	0.07%	0.013%
126	5.907	797	800	801	rBV	1562	1618	0.20%	0.037%
127	5.937	801	805	818	rBV	581782	709823	88.33%	16.252%
128	6.057	823	825	826	rBV	1334	701	0.09%	0.016%
129	6.136	836	838	840	rVB	1644	1313	0.16%	0.030%
130	6.160	840	842	843	rVB	785	446	0.06%	0.010%
131	6.178	843	845	847	rVB	1348	1266	0.16%	0.029%
132	6.220	847	852	853	rBV	1504	1790	0.22%	0.041%
133	6.268	858	860	863	rBV	1146	909	0.11%	0.021%
134	6.292	863	864	866	rVB	812	443	0.06%	0.010%
135	6.310	866	867	869	rBV	1767	782	0.10%	0.018%
136	6.346	869	873	874	rBV	227	288	0.04%	0.007%
137	6.358	874	875	876	rBV	596	254	0.03%	0.006%
138	6.376	876	878	879	rBV	367	207	0.03%	0.005%
139	6.388	879	880	882	rVB	974	423	0.05%	0.010%
140	6.412	882	884	885	rBV	281	250	0.03%	0.006%
141	6.473	892	894	895	rVB	164	69	0.01%	0.002%
142	6.497	895	898	900	rVB	634	560	0.07%	0.013%
143	6.539	900	905	916	rBV	508653	613872	76.39%	14.055%
144	6.671	925	927	932	rVB3	1652	2112	0.26%	0.048%
145	6.719	932	935	936	rVB	2247	1938	0.24%	0.044%
146	6.737	936	938	941	rBV	2485	2200	0.27%	0.050%
147	6.761	941	942	945	rVB	2077	1428	0.18%	0.033%
148	6.791	945	947	948	rBV	1098	830	0.10%	0.019%
149	6.815	949	951	953	rVB	627	467	0.06%	0.011%
150	6.845	953	956	957	rVB	1493	1322	0.16%	0.030%
151	6.864	957	959	961	rBV	843	943	0.12%	0.022%
152	6.894	961	964	966	rBV	815	794	0.10%	0.018%
153	6.912	966	967	969	rBV	806	326	0.04%	0.007%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38430.D
Acq On : 24 Feb 2009 16:55
Operator : WP
Sample : AC42868-006
Misc : A,5ML!1
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

154	6.930	969	970	971	rVB	835	301	0.04%	0.007%
155	6.960	972	975	980	rBV2	1269	2331	0.29%	0.053%
156	6.996	980	981	985	rVB	815	677	0.08%	0.016%
157	7.038	985	988	990	rVB	895	866	0.11%	0.020%
158	7.068	990	993	994	rBV	1257	1148	0.14%	0.026%
159	7.110	997	1000	1001	rBV	871	833	0.10%	0.019%
160	7.158	1004	1008	1021	rBV	531683	621954	77.40%	14.240%
161	7.315	1030	1034	1039	rVB3	5442	7419	0.92%	0.170%
162	7.351	1039	1040	1042	rBV	549	348	0.04%	0.008%
163	7.399	1046	1048	1050	rVB	990	586	0.07%	0.013%
164	7.441	1052	1055	1059	rBV2	1622	2292	0.29%	0.052%
165	7.489	1061	1063	1064	rVB	1995	1026	0.13%	0.023%
166	7.507	1064	1066	1068	rBV	658	440	0.05%	0.010%
167	7.525	1068	1069	1071	rVB	583	348	0.04%	0.008%
168	7.555	1071	1074	1077	rBV	1052	1417	0.18%	0.032%
169	7.609	1078	1083	1084	rVB	666	683	0.08%	0.016%
170	7.621	1084	1085	1087	rBV	963	538	0.07%	0.012%
171	7.639	1087	1088	1090	rVB	814	462	0.06%	0.011%
172	7.682	1094	1095	1097	rBV	511	369	0.05%	0.008%
173	7.718	1097	1101	1103	rBV	941	965	0.12%	0.022%
174	7.748	1103	1106	1108	rBV	1190	1012	0.13%	0.023%
175	7.778	1108	1111	1113	rBV	1364	1063	0.13%	0.024%
176	7.796	1113	1114	1115	rVB	383	138	0.02%	0.003%
177	7.820	1116	1118	1119	rVB	667	386	0.05%	0.009%
178	7.838	1119	1121	1122	rBV	616	285	0.04%	0.007%
179	7.850	1122	1123	1126	rVB	1127	696	0.09%	0.016%
180	7.880	1126	1128	1132	rBV	1336	1148	0.14%	0.026%
181	7.922	1132	1135	1136	rBV	422	332	0.04%	0.008%
182	7.934	1136	1137	1139	rVB	702	470	0.06%	0.011%
183	7.952	1139	1140	1142	rBV	414	355	0.04%	0.008%
184	7.970	1142	1143	1145	rVB	1071	649	0.08%	0.015%
185	7.988	1145	1146	1147	rBV	573	355	0.04%	0.008%
186	8.006	1147	1149	1150	rVB	584	268	0.03%	0.006%
187	8.018	1150	1151	1152	rBV	808	416	0.05%	0.010%
188	8.048	1155	1156	1159	rBV	966	875	0.11%	0.020%
189	8.073	1159	1160	1161	rVB	563	203	0.03%	0.005%
190	8.085	1161	1162	1164	rBV	229	218	0.03%	0.005%
191	8.103	1164	1165	1167	rVB	948	421	0.05%	0.010%
192	8.127	1167	1169	1170	rBV	955	577	0.07%	0.013%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38430.D
Acq On : 24 Feb 2009 16:55
Operator : WP
Sample : AC42868-006
Misc : A,5ML!1
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

193	8.145	1170	1172	1173	rVB	792	515	0.06%	0.012%
194	8.163	1173	1175	1179	rVB	1464	1825	0.23%	0.042%
195	8.193	1179	1180	1181	rVB	1788	645	0.08%	0.015%
196	8.211	1181	1183	1184	rBV	851	664	0.08%	0.015%
197	8.223	1184	1185	1188	rVB	653	471	0.06%	0.011%
198	8.247	1188	1189	1190	rVB	681	246	0.03%	0.006%
199	8.259	1190	1191	1193	rBV	779	521	0.06%	0.012%
200	8.295	1195	1197	1198	rBV	831	465	0.06%	0.011%
201	8.313	1198	1200	1201	rVB	688	474	0.06%	0.011%
202	8.325	1201	1202	1205	rBV	1249	1315	0.16%	0.030%
203	8.373	1209	1210	1211	rBV	784	305	0.04%	0.007%
204	8.385	1211	1212	1215	rBV	932	699	0.09%	0.016%
205	8.415	1215	1217	1218	rVB	1704	971	0.12%	0.022%
206	8.439	1218	1221	1226	rBV	16581	22776	2.83%	0.521%
207	8.476	1226	1227	1230	rVV	1472	1231	0.15%	0.028%
208	8.524	1234	1235	1237	rVB2	1213	740	0.09%	0.017%
209	8.548	1237	1239	1240	rBV2	273	128	0.02%	0.003%
210	8.566	1240	1242	1243	rVB	914	482	0.06%	0.011%
211	8.608	1247	1249	1250	rVB	1299	514	0.06%	0.012%
212	8.620	1250	1251	1254	rBV	1805	1856	0.23%	0.042%
213	8.650	1254	1256	1258	rVV2	730	636	0.08%	0.015%
214	8.674	1258	1260	1265	rVB2	1111	1295	0.16%	0.030%
215	8.722	1265	1268	1269	rBV2	1321	1008	0.13%	0.023%
216	8.770	1273	1276	1277	rBV	1251	1126	0.14%	0.026%
217	8.812	1282	1283	1285	rBV	749	398	0.05%	0.009%
218	8.842	1286	1288	1290	rVB2	1047	826	0.10%	0.019%
219	8.861	1290	1291	1293	rBV2	586	588	0.07%	0.013%
220	8.903	1296	1298	1301	rVB	995	692	0.09%	0.016%
221	8.927	1301	1302	1303	rBV	813	435	0.05%	0.010%
222	8.945	1303	1305	1307	rVB	1345	1053	0.13%	0.024%
223	8.975	1307	1310	1312	rBV	1644	1598	0.20%	0.037%
224	9.029	1317	1319	1323	rVB2	1271	1291	0.16%	0.030%
225	9.071	1323	1326	1329	rBV2	1284	2068	0.26%	0.047%
226	9.101	1329	1331	1332	rBV2	911	838	0.10%	0.019%
227	9.149	1335	1339	1343	rBV2	2103	3289	0.41%	0.075%
228	9.209	1343	1349	1354	rBV3	3394	6396	0.80%	0.146%
229	9.324	1367	1368	1371	rBV2	1830	1551	0.19%	0.036%
230	9.384	1377	1378	1381	rBV	1212	974	0.12%	0.022%
231	9.420	1383	1384	1386	rVB	2125	1237	0.15%	0.028%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38430.D
Acq On : 24 Feb 2009 16:55
Operator : WP
Sample : AC42868-006
Misc : A,5ML!1
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

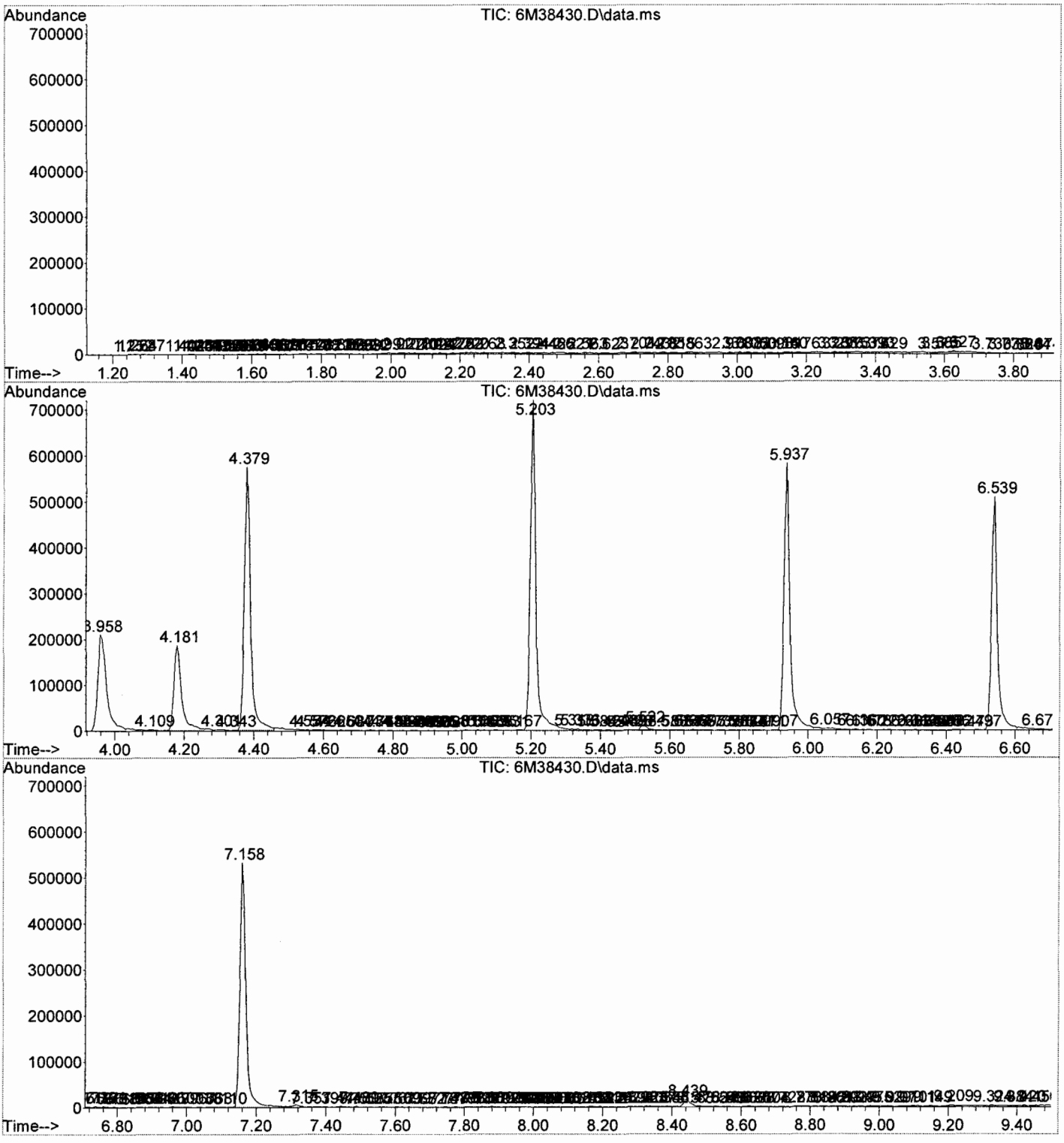
232	9.456	1386	1390	1391	rBV	1870	2023	0.25%	0.046%

Sum of corrected areas: 4367605

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38430.D
Acq On : 24 Feb 2009 16:55
Operator : WP
Sample : AC42868-006
Misc : A,5ML!1
ALS Vial : 22 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38430.D
Acq On : 24 Feb 2009 16:55
Operator : WP
Sample : AC42868-006
Misc : A,5ML!1
ALS Vial : 22 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-008
Client Id: WB-3 GW
Data File: 6M38420.D
Analysis Date: 02/24/09 14:13
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	25	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 109905

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-008
Client Id: WB-3 GW
Data File: 6M38420.D
Analysis Date: 02/24/09 14:13
Date Rec/Extracted: 02/20/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109905

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

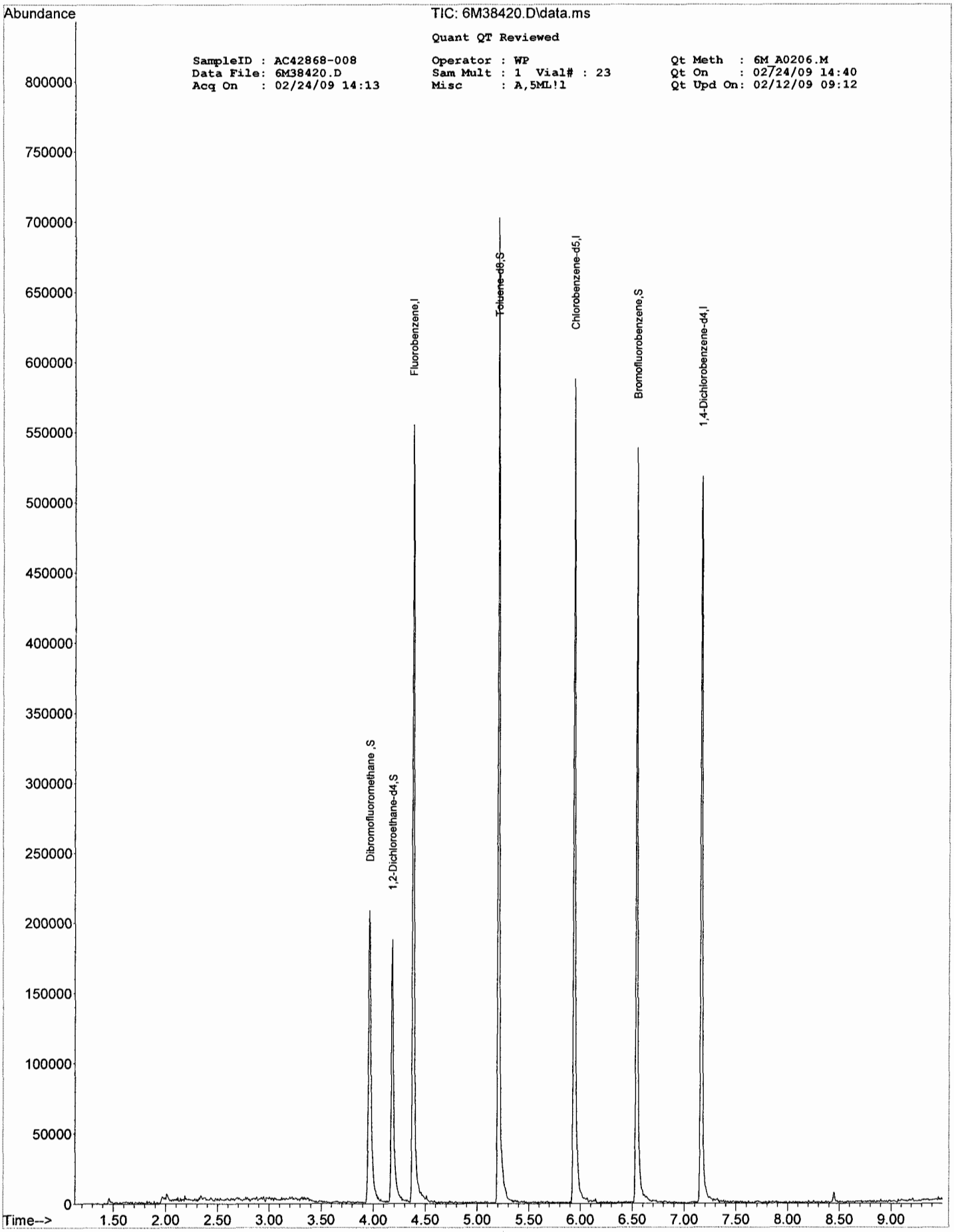
Quantitation Report (QT Reviewed)

SampleID : AC42868-008 Operator : WP Qt Meth : 6M_A0206.M
Data File: 6M38420.D Sam Mult : 1 Vial# : 23 Qt On : 02/24/09 14:40
Acq On : 02/24/09 14:13 Misc : A,5ML!1 Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.378	96	311735	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.936	117	229235	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.163	152	117678	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.963	111	108666	35.34	ug/l	0.01
Spiked Amount 30.000			Recovery =	117.80%		
32) 1,2-Dichloroethane-d4	4.180	67	57050	29.69	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.97%		
56) Toluene-d8	5.203	98	284981	26.45	ug/l	0.00
Spiked Amount 30.000			Recovery =	88.17%		
64) Bromofluorobenzene	6.538	174	130129	29.07	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.90%		
Target Compounds						Qvalue
Library Search Compounds						

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


Abundance
TIC: 6M38420.D\data.ms
Quant QT Reviewed
SampleID : AC42868-008
Data File: 6M38420.D
Acq On : 02/24/09 14:13
Operator : WP
Sam Mult : 1 Vial# : 23
Misc : A,5ML!1
Qt Meth : 6M_A0206.M
Qt On : 02/24/09 14:40
Qt Upd On: 02/12/09 09:12
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38420.D
Acq On : 24 Feb 2009 14:13
Operator : WP
Sample : AC42868-008
Misc : A,5ML!1
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

Signal : TIC: 6M38420.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.246	20	21	24	rBB	376	321	0.04%	0.007%
2	1.281	25	27	29	rBB	349	299	0.04%	0.007%
3	1.298	29	30	31	rBB	351	121	0.02%	0.003%
4	1.413	49	50	52	rBB	571	289	0.04%	0.007%
5	1.459	55	58	60	rVV	4139	3795	0.49%	0.088%
6	1.488	62	63	67	rVB	1179	837	0.11%	0.019%
7	1.523	67	69	70	rBV	887	663	0.09%	0.015%
8	1.563	73	76	79	rBB	1105	1181	0.15%	0.027%
9	1.609	79	84	85	rBV	1206	2148	0.28%	0.050%
10	1.621	85	86	89	rVB	1017	788	0.10%	0.018%
11	1.644	89	90	92	rVB	1120	482	0.06%	0.011%
12	1.667	92	94	96	rVB	1603	1278	0.16%	0.029%
13	1.684	96	97	98	rBB	1672	579	0.07%	0.013%
14	1.713	99	102	104	rBV	1523	1511	0.19%	0.035%
15	1.747	106	108	110	rVB	1543	1091	0.14%	0.025%
16	1.765	110	111	114	rBV	1277	1264	0.16%	0.029%
17	1.788	114	115	116	rBV	671	318	0.04%	0.007%
18	1.805	116	118	119	rVB	654	443	0.06%	0.010%
19	1.822	119	121	122	rBV	2391	1339	0.17%	0.031%
20	1.845	122	125	127	rVB	2029	1534	0.20%	0.035%
21	1.863	127	128	129	rBB	1205	416	0.05%	0.010%
22	1.880	129	131	132	rBV	585	476	0.06%	0.011%
23	1.891	132	133	135	rVB	1844	750	0.10%	0.017%
24	1.920	135	138	139	rBV	1004	692	0.09%	0.016%
25	1.966	142	144	147	rBV	4552	7249	0.93%	0.167%
26	2.009	150	151	156	rVV2	5298	6166	0.79%	0.142%
27	2.051	156	158	159	rVB	1065	566	0.07%	0.013%
28	2.069	159	161	162	rBV	1308	848	0.11%	0.020%
29	2.117	168	169	171	rVB	2950	1192	0.15%	0.027%
30	2.141	171	173	174	rVB	2421	1141	0.15%	0.026%
31	2.159	174	176	177	rBV	1621	1442	0.19%	0.033%
32	2.183	179	180	181	rBV	4121	1990	0.26%	0.046%
33	2.297	198	199	200	rVB	1595	576	0.07%	0.013%
34	2.339	202	206	208	rBV2	3554	4707	0.60%	0.109%
35	2.436	220	222	227	rVB3	2552	3020	0.39%	0.070%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38420.D
Acq On : 24 Feb 2009 14:13
Operator : WP
Sample : AC42868-008
Misc : A,5ML!1
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

36	2.478	227	229	232	rBV	2044	2047	0.26%	0.047%
37	2.526	236	237	239	rBV	1653	1091	0.14%	0.025%
38	2.574	243	245	246	rBV	1038	462	0.06%	0.011%
39	2.592	246	248	253	rVB	1721	2233	0.29%	0.052%
40	2.634	253	255	257	rBV	1900	1823	0.23%	0.042%
41	2.754	273	275	276	rBV	1237	1063	0.14%	0.025%
42	2.772	276	278	279	rVV2	2625	1624	0.21%	0.037%
43	2.791	279	281	283	rVV2	2296	2039	0.26%	0.047%
44	2.809	283	284	285	rVB2	1884	680	0.09%	0.016%
45	2.833	285	288	289	rBV	2253	2124	0.27%	0.049%
46	2.881	293	296	298	rVV2	2625	2315	0.30%	0.053%
47	2.905	298	300	301	rVV	1503	1115	0.14%	0.026%
48	2.923	301	303	305	rVV	2131	2058	0.26%	0.047%
49	2.947	305	307	310	rVB2	3655	3596	0.46%	0.083%
50	2.971	310	311	315	rBV2	3140	4860	0.62%	0.112%
51	3.001	315	316	319	rVV2	2331	1778	0.23%	0.041%
52	3.049	323	324	328	rBV2	2389	3037	0.39%	0.070%
53	3.121	335	336	338	rBV	2064	1047	0.13%	0.024%
54	3.163	341	343	347	rBV2	1515	1888	0.24%	0.044%
55	3.200	347	349	350	rBV2	1712	1043	0.13%	0.024%
56	3.254	357	358	362	rVB	1639	1657	0.21%	0.038%
57	3.320	367	369	370	rVV	2536	2021	0.26%	0.047%
58	3.338	370	372	375	rVV2	2650	2900	0.37%	0.067%
59	3.368	375	377	380	rVV2	2586	2733	0.35%	0.063%
60	3.392	380	381	386	rVB2	1570	1874	0.24%	0.043%
61	3.428	386	387	390	rVB2	1330	850	0.11%	0.020%
62	3.452	390	391	392	rBV	1169	445	0.06%	0.010%
63	3.488	394	397	399	rBV	1383	1560	0.20%	0.036%
64	3.506	399	400	401	rVB	1173	423	0.05%	0.010%
65	3.530	403	404	405	rVB	986	356	0.05%	0.008%
66	3.554	407	408	409	rVB	859	310	0.04%	0.007%
67	3.572	409	411	413	rVB	614	404	0.05%	0.009%
68	3.591	413	414	416	rVB	611	379	0.05%	0.009%
69	3.615	416	418	420	rBV	924	1272	0.16%	0.029%
70	3.687	428	430	433	rVB	773	720	0.09%	0.017%
71	3.717	433	435	436	rBV	1077	836	0.11%	0.019%
72	3.735	436	438	439	rVV	572	390	0.05%	0.009%
73	3.759	441	442	447	rVB	950	1209	0.16%	0.028%
74	3.807	447	450	452	rVB	880	948	0.12%	0.022%
75	3.837	454	455	456	rVB	402	145	0.02%	0.003%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38420.D
Acq On : 24 Feb 2009 14:13
Operator : WP
Sample : AC42868-008
Misc : A,5ML!1
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

76	3.855	456	458	459	rVB	757	505	0.06%	0.012%
77	3.873	459	461	463	rBV	612	372	0.05%	0.009%
78	3.897	463	465	466	rVB	585	289	0.04%	0.007%
79	3.915	466	468	470	rVB	522	456	0.06%	0.011%
80	3.963	470	476	489	rBV	208216	373290	47.95%	8.609%
81	4.072	493	494	497	rVB	1537	806	0.10%	0.019%
82	4.132	503	504	507	rBV	1322	708	0.09%	0.016%
83	4.180	507	512	526	rBV	186955	290482	37.31%	6.699%
84	4.378	541	545	557	rBV	554194	695903	89.38%	16.050%
85	4.511	565	567	573	rVB2	4833	4783	0.61%	0.110%
86	4.559	573	575	578	rVV2	1297	1249	0.16%	0.029%
87	4.589	578	580	583	rVB2	1786	1310	0.17%	0.030%
88	4.631	585	587	589	rBV	903	467	0.06%	0.011%
89	4.661	589	592	593	rVB	1108	1008	0.13%	0.023%
90	4.691	593	597	598	rBV	1046	1056	0.14%	0.024%
91	4.703	598	599	601	rBV	768	455	0.06%	0.010%
92	4.721	601	602	603	rVB	498	180	0.02%	0.004%
93	4.733	603	604	605	rBV	1343	538	0.07%	0.012%
94	4.757	607	608	610	rVB	1352	877	0.11%	0.020%
95	4.794	610	614	617	rBV	1576	2386	0.31%	0.055%
96	4.824	617	619	621	rVV	395	427	0.05%	0.010%
97	4.848	621	623	624	rVV	437	260	0.03%	0.006%
98	4.866	624	626	627	rVB	1103	467	0.06%	0.011%
99	4.890	627	630	632	rBV	499	457	0.06%	0.011%
100	4.950	638	640	641	rVB	833	464	0.06%	0.011%
101	4.962	641	642	644	rBV	779	635	0.08%	0.015%
102	4.992	644	647	649	rVB	1309	1468	0.19%	0.034%
103	5.010	649	650	651	rBV	803	394	0.05%	0.009%
104	5.022	651	652	653	rBV	349	187	0.02%	0.004%
105	5.040	653	655	656	rVV	728	371	0.05%	0.009%
106	5.058	656	658	660	rVB	383	266	0.03%	0.006%
107	5.076	660	661	663	rBV	1010	678	0.09%	0.016%
108	5.100	663	665	666	rVB	1199	752	0.10%	0.017%
109	5.118	666	668	669	rBV	148	76	0.01%	0.002%
110	5.136	669	671	672	rBV	578	306	0.04%	0.007%
111	5.203	678	682	700	rBV	701849	778549	100.00%	17.956%
112	5.365	707	709	712	rBV2	1481	1454	0.19%	0.034%
113	5.389	712	713	714	rVB2	1117	403	0.05%	0.009%
114	5.425	717	719	722	rBV3	741	758	0.10%	0.017%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38420.D
Acq On : 24 Feb 2009 14:13
Operator : WP
Sample : AC42868-008
Misc : A,5ML!1
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

115	5.455	722	724	725	rVB2	1307	657	0.08%	0.015%
116	5.473	725	727	728	rVB2	1057	500	0.06%	0.012%
117	5.503	728	732	733	rVB	744	694	0.09%	0.016%
118	5.515	733	734	736	rBV	715	544	0.07%	0.013%
119	5.545	736	739	741	rBV	888	838	0.11%	0.019%
120	5.563	741	742	743	rVB	974	352	0.05%	0.008%
121	5.582	743	745	746	rVB	1199	659	0.08%	0.015%
122	5.594	746	747	748	rBV	1420	735	0.09%	0.017%
123	5.624	750	752	753	rVB	1435	970	0.12%	0.022%
124	5.636	753	754	755	rBV	1198	716	0.09%	0.017%
125	5.654	755	757	759	rVB	1048	1034	0.13%	0.024%
126	5.684	759	762	763	rBV	1480	1433	0.18%	0.033%
127	5.714	765	767	768	rBV	288	193	0.02%	0.004%
128	5.732	768	770	771	rVB	692	305	0.04%	0.007%
129	5.762	773	775	776	rVB	721	474	0.06%	0.011%
130	5.780	776	778	779	rBV	809	749	0.10%	0.017%
131	5.822	782	785	786	rVB	588	444	0.06%	0.010%
132	5.834	786	787	789	rVB	999	676	0.09%	0.016%
133	5.858	789	791	794	rBV	1032	1213	0.16%	0.028%
134	5.888	794	796	797	rVB	594	338	0.04%	0.008%
135	5.900	797	798	800	rBV	1200	543	0.07%	0.013%
136	5.936	800	804	820	rBV	587657	705753	90.65%	16.277%
137	6.063	824	825	828	rVB	3342	2758	0.35%	0.064%
138	6.093	828	830	833	rBV2	1389	1833	0.24%	0.042%
139	6.129	835	836	837	rBV	786	327	0.04%	0.008%
140	6.147	837	839	844	rVB	3103	2543	0.33%	0.059%
141	6.189	844	846	847	rBV	727	400	0.05%	0.009%
142	6.201	847	848	849	rBV	999	461	0.06%	0.011%
143	6.225	851	852	853	rVB	949	343	0.04%	0.008%
144	6.243	853	855	857	rBV	589	588	0.08%	0.014%
145	6.261	857	858	861	rVB	1260	615	0.08%	0.014%
146	6.291	861	863	864	rBV	884	535	0.07%	0.012%
147	6.309	864	866	869	rVB	522	577	0.07%	0.013%
148	6.333	869	870	871	rBV	726	288	0.04%	0.007%
149	6.351	871	873	874	rBV	258	215	0.03%	0.005%
150	6.369	874	876	878	rVB	1343	890	0.11%	0.021%
151	6.394	878	880	882	rBV	854	871	0.11%	0.020%
152	6.418	882	884	885	rVB	551	278	0.04%	0.006%
153	6.442	887	888	891	rVB	954	566	0.07%	0.013%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38420.D
Acq On : 24 Feb 2009 14:13
Operator : WP
Sample : AC42868-008
Misc : A,5ML!1
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

154	6.466	891	892	893	rBV	611	256	0.03%	0.006%
155	6.496	895	897	900	rBV	676	678	0.09%	0.016%
156	6.538	900	904	915	rBV	537868	607569	78.04%	14.012%
157	6.694	929	930	935	rBV2	894	1366	0.18%	0.032%
158	6.766	940	942	943	rBV2	454	248	0.03%	0.006%
159	6.821	947	951	954	rVB	1402	2430	0.31%	0.056%
160	6.863	954	958	959	rVB	1328	1348	0.17%	0.031%
161	6.881	959	961	962	rBV	765	752	0.10%	0.017%
162	6.905	964	965	968	rBV	1003	687	0.09%	0.016%
163	6.929	968	969	971	rVB	905	477	0.06%	0.011%
164	6.947	971	972	975	rBV	708	762	0.10%	0.018%
165	6.977	975	977	978	rVB	873	558	0.07%	0.013%
166	7.001	978	981	982	rBV	922	751	0.10%	0.017%
167	7.013	982	983	985	rVB	514	350	0.04%	0.008%
168	7.037	985	987	988	rBV	641	461	0.06%	0.011%
169	7.067	988	992	993	rBV	831	886	0.11%	0.020%
170	7.085	993	995	996	rVB	646	395	0.05%	0.009%
171	7.103	996	998	999	rVB	919	488	0.06%	0.011%
172	7.115	999	1000	1002	rBV	532	393	0.05%	0.009%
173	7.163	1003	1008	1020	rBV	516921	632707	81.27%	14.592%
174	7.284	1027	1028	1030	rBV	1750	1353	0.17%	0.031%
175	7.320	1030	1034	1037	rVB2	2883	4153	0.53%	0.096%
176	7.356	1037	1040	1041	rBV2	1550	1270	0.16%	0.029%
177	7.380	1042	1044	1046	rVB2	1667	872	0.11%	0.020%
178	7.398	1046	1047	1049	rBV	1076	610	0.08%	0.014%
179	7.416	1049	1050	1054	rVB	1274	1081	0.14%	0.025%
180	7.446	1054	1055	1057	rBV	1172	809	0.10%	0.019%
181	7.482	1057	1061	1063	rVB	1093	1461	0.19%	0.034%
182	7.500	1063	1064	1065	rVB	1316	475	0.06%	0.011%
183	7.518	1065	1067	1068	rVB	1239	672	0.09%	0.015%
184	7.548	1068	1072	1073	rVB	1407	1523	0.20%	0.035%
185	7.560	1073	1074	1077	rBV	1497	1312	0.17%	0.030%
186	7.591	1077	1079	1081	rVB	804	592	0.08%	0.014%
187	7.609	1081	1082	1083	rVB	427	154	0.02%	0.004%
188	7.621	1083	1084	1086	rBV	1316	830	0.11%	0.019%
189	7.663	1088	1091	1092	rBB	984	780	0.10%	0.018%
190	7.711	1092	1099	1105	rBV	1711	4846	0.62%	0.112%
191	7.771	1105	1109	1110	rBV	617	552	0.07%	0.013%
192	7.783	1110	1111	1112	rVB	1171	422	0.05%	0.010%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38420.D
Acq On : 24 Feb 2009 14:13
Operator : WP
Sample : AC42868-008
Misc : A,5ML!1
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

193	7.795	1112	1113	1116	rVB	798	735	0.09%	0.017%
194	7.819	1116	1117	1118	rBV	1600	699	0.09%	0.016%
195	7.837	1118	1120	1121	rBV	276	164	0.02%	0.004%
196	7.855	1121	1123	1126	rVB	1139	927	0.12%	0.021%
197	7.891	1126	1129	1130	rBV	1412	1042	0.13%	0.024%
198	7.903	1130	1131	1134	rBV	499	375	0.05%	0.009%
199	7.933	1134	1136	1137	rVB	447	239	0.03%	0.006%
200	7.970	1139	1142	1143	rBV	545	394	0.05%	0.009%
201	7.988	1143	1145	1146	rVB	1294	650	0.08%	0.015%
202	8.006	1147	1148	1149	rBB	429	155	0.02%	0.004%
203	8.018	1149	1150	1152	rBV	1108	826	0.11%	0.019%
204	8.054	1154	1156	1158	rBV	773	555	0.07%	0.013%
205	8.078	1158	1160	1161	rVB	914	436	0.06%	0.010%
206	8.090	1161	1162	1163	rBV	668	347	0.04%	0.008%
207	8.102	1163	1164	1166	rBV	314	197	0.03%	0.005%
208	8.150	1171	1172	1174	rVB	676	252	0.03%	0.006%
209	8.180	1174	1177	1178	rBV	633	721	0.09%	0.017%
210	8.204	1178	1181	1183	rVB	1679	1220	0.16%	0.028%
211	8.228	1183	1185	1187	rBV	767	530	0.07%	0.012%
212	8.252	1187	1189	1192	rVB	1769	1400	0.18%	0.032%
213	8.282	1192	1194	1195	rBV	800	625	0.08%	0.014%
214	8.294	1195	1196	1197	rBV	689	310	0.04%	0.007%
215	8.330	1200	1202	1204	rVB	1363	682	0.09%	0.016%
216	8.348	1204	1205	1206	rBV	532	257	0.03%	0.006%
217	8.373	1206	1209	1210	rBV	1360	826	0.11%	0.019%
218	8.391	1210	1212	1215	rBV2	767	606	0.08%	0.014%
219	8.445	1218	1221	1225	rVV	6813	7399	0.95%	0.171%
220	8.481	1225	1227	1230	rVB2	1332	915	0.12%	0.021%
221	8.511	1230	1232	1233	rBV	885	658	0.08%	0.015%
222	8.529	1233	1235	1238	rVB	1068	1044	0.13%	0.024%
223	8.553	1238	1239	1241	rVB	894	583	0.07%	0.013%
224	8.583	1241	1244	1246	rBV	1143	1322	0.17%	0.030%
225	8.607	1246	1248	1250	rBV	685	562	0.07%	0.013%
226	8.643	1252	1254	1255	rVB	700	503	0.06%	0.012%
227	8.661	1255	1257	1260	rBV	1220	1614	0.21%	0.037%
228	8.757	1267	1273	1274	rBV2	768	1372	0.18%	0.032%
229	8.770	1274	1275	1277	rBV	775	647	0.08%	0.015%
230	8.818	1282	1283	1285	rBV	1142	656	0.08%	0.015%
231	8.836	1285	1286	1289	rVB2	1325	760	0.10%	0.018%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38420.D
Acq On : 24 Feb 2009 14:13
Operator : WP
Sample : AC42868-008
Misc : A,5ML!1
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

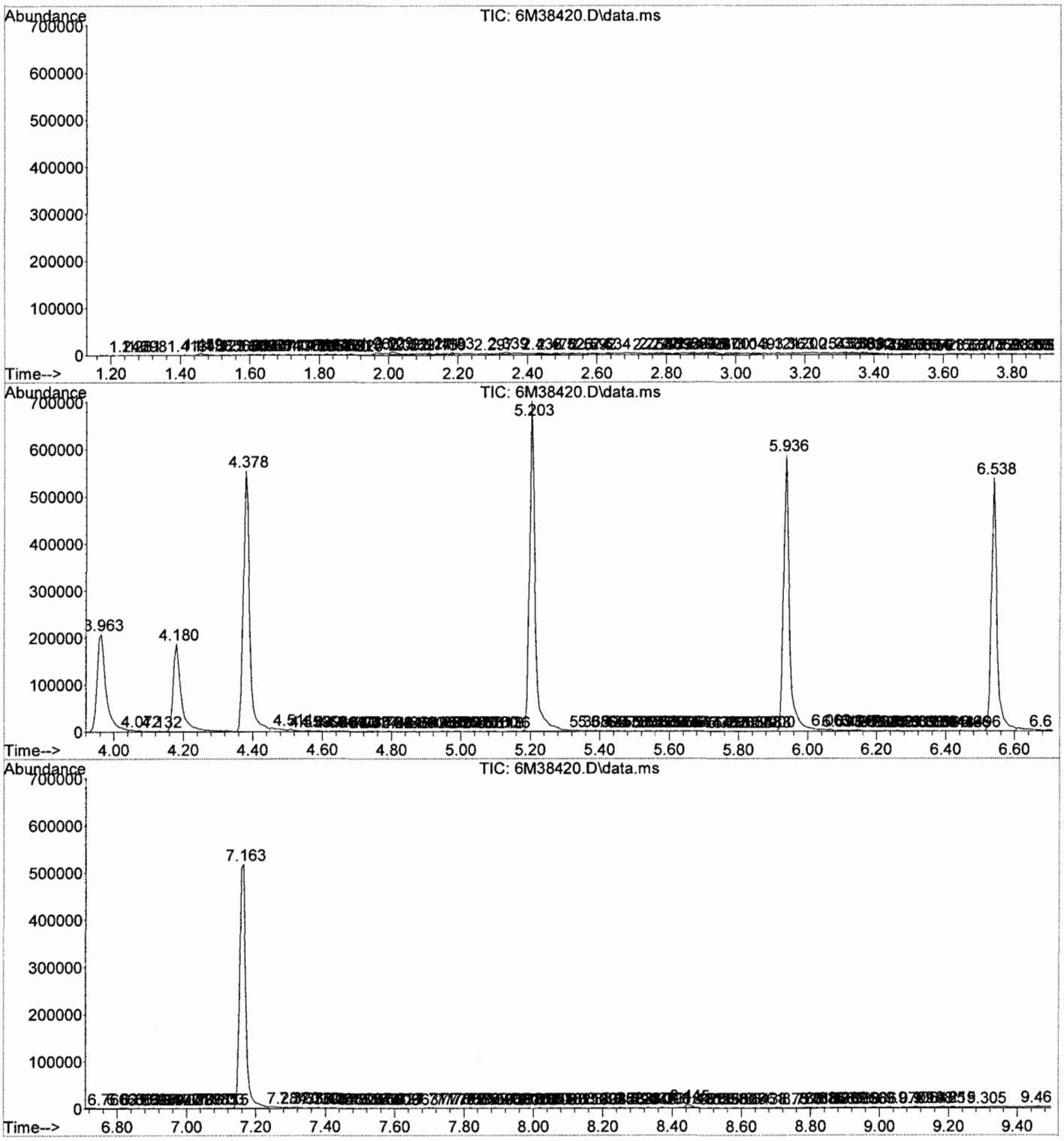
232	8.866	1289	1291	1292	rBV	947	631	0.08%	0.015%
233	8.878	1292	1293	1295	rVV	741	609	0.08%	0.014%
234	8.902	1295	1297	1298	rVV2	2008	1002	0.13%	0.023%
235	8.938	1301	1303	1304	rVV2	753	523	0.07%	0.012%
236	8.956	1304	1306	1308	rVB	1024	611	0.08%	0.014%
237	8.986	1308	1311	1313	rBV2	1329	1632	0.21%	0.038%
238	9.070	1323	1325	1326	rBV	2020	1117	0.14%	0.026%
239	9.106	1329	1331	1334	rVV2	2069	2569	0.33%	0.059%
240	9.148	1337	1338	1340	rVV	1266	703	0.09%	0.016%
241	9.185	1340	1344	1346	rVV2	1710	2261	0.29%	0.052%
242	9.215	1347	1349	1351	rVB2	2351	1584	0.20%	0.037%
243	9.305	1362	1364	1366	rBV2	882	862	0.11%	0.020%
244	9.461	1389	1390	1391	rBV	2515	1016	0.13%	0.023%

Sum of corrected areas: 4335921

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38420.D
Acq On : 24 Feb 2009 14:13
Operator : WP
Sample : AC42868-008
Misc : A,5ML!1
ALS Vial : 23 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38420.D
Acq On : 24 Feb 2009 14:13
Operator : WP
Sample : AC42868-008
Misc : A,5ML!1
ALS Vial : 23 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 6M38421.D
Analysis Date: 02/24/09 14:29
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	25	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 109905

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 6M38421.D
Analysis Date: 02/24/09 14:29
Date Rec/Extracted: 02/20/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109905

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

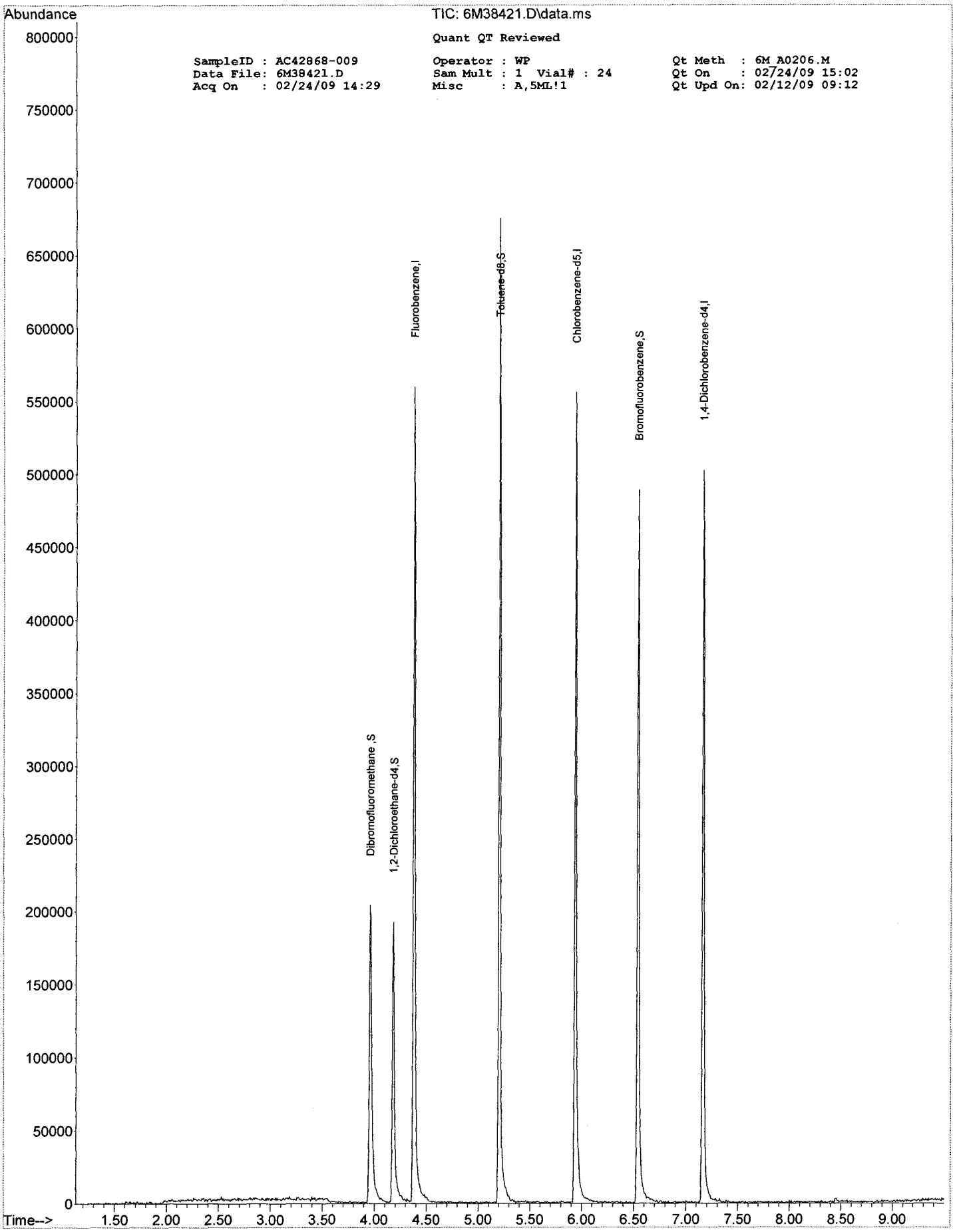
Quantitation Report (QT Reviewed)

SampleID : AC42868-009 Operator : WP Qt Meth : 6M_A0206.M
Data File: 6M38421.D Sam Mult : 1 Vial# : 24 Qt On : 02/24/09 15:02
Acq On : 02/24/09 14:29 Misc : A,5ML!1 Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.380	96	306825	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.938	117	225322	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.159	152	108836	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.959	111	107838	35.63	ug/l	0.00
Spiked Amount 30.000			Recovery =	118.77%		
32) 1,2-Dichloroethane-d4	4.181	67	55826	29.52	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.40%		
56) Toluene-d8	5.204	98	275928	26.05	ug/l	0.00
Spiked Amount 30.000			Recovery =	86.83%		
64) Bromofluorobenzene	6.539	174	127826	30.88	ug/l	0.00
Spiked Amount 30.000			Recovery =	102.93%		
Target Compounds						Qvalue
Library Search Compounds						

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


Abundance
TIC: 6M38421.D\data.ms
Quant QT Reviewed
SampleID : AC42868-009
Data File: 6M38421.D
Acq On : 02/24/09 14:29
Operator : WP
Sam Mult : 1 Vial# : 24
Misc : A,5ML!1
Qt Meth : 6M_A0206.M
Qt On : 02/24/09 15:02
Qt Upd On: 02/12/09 09:12
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38421.D
Acq On : 24 Feb 2009 14:29
Operator : WP
Sample : AC42868-009
Misc : A,5ML!1
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

Signal : TIC: 6M38421.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.176	8	9	10	rBB	268	93	0.01%	0.002%
2	1.188	10	11	12	rBB	310	107	0.01%	0.003%
3	1.251	21	22	24	rBB	523	307	0.04%	0.007%
4	1.269	24	25	26	rBB	378	131	0.02%	0.003%
5	1.332	35	36	38	rBB	529	290	0.04%	0.007%
6	1.349	38	39	40	rBB	693	240	0.03%	0.006%
7	1.395	46	47	48	rBB	293	101	0.01%	0.002%
8	1.419	48	51	52	rBB	1023	533	0.07%	0.013%
9	1.442	54	55	58	rBB	790	603	0.08%	0.015%
10	1.465	58	59	60	rBB	361	125	0.02%	0.003%
11	1.482	60	62	63	rBV	387	338	0.05%	0.008%
12	1.493	63	64	65	rVB	534	184	0.02%	0.004%
13	1.511	66	67	72	rBB	873	965	0.13%	0.023%
14	1.551	73	74	76	rBB	607	414	0.06%	0.010%
15	1.574	77	78	79	rBV	1084	468	0.06%	0.011%
16	1.597	81	82	83	rVB	1001	346	0.05%	0.008%
17	1.609	83	84	88	rBV	1823	2110	0.28%	0.051%
18	1.643	88	90	91	rVB	1220	564	0.08%	0.014%
19	1.655	91	92	94	rBV	1251	665	0.09%	0.016%
20	1.684	96	97	100	rVB	875	619	0.08%	0.015%
21	1.718	100	103	106	rVB	1687	1486	0.20%	0.036%
22	1.747	106	108	109	rBV	983	643	0.09%	0.016%
23	1.764	109	111	113	rVB	535	375	0.05%	0.009%
24	1.787	113	115	116	rVB	662	363	0.05%	0.009%
25	1.810	117	119	122	rBB	1148	775	0.10%	0.019%
26	1.839	122	124	125	rBV	1507	948	0.13%	0.023%
27	1.851	125	126	128	rVB	1100	525	0.07%	0.013%
28	1.897	131	134	137	rBB	998	674	0.09%	0.016%
29	1.931	137	140	141	rBV	583	685	0.09%	0.017%
30	1.943	141	142	143	rVB	810	280	0.04%	0.007%
31	1.974	143	145	146	rBV	2135	2729	0.36%	0.066%
32	2.022	151	153	156	rBV	1273	1487	0.20%	0.036%
33	2.052	156	158	161	rVB	1679	1626	0.22%	0.039%
34	2.082	161	163	164	rVB	918	473	0.06%	0.011%
35	2.094	164	165	167	rBV	545	527	0.07%	0.013%

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Misc : A,5ML!1
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

36	2.118	167	169	171	rVB2	1340	917	0.12%	0.022%
37	2.142	171	173	175	rBV	1620	1304	0.17%	0.032%
38	2.208	181	184	186	rBV	1266	1122	0.15%	0.027%
39	2.263	191	193	194	rBV	2407	1493	0.20%	0.036%
40	2.311	199	201	205	rVV	1056	1500	0.20%	0.036%
41	2.341	205	206	207	rVV	1759	1065	0.14%	0.026%
42	2.377	210	212	215	rVB	1782	1798	0.24%	0.043%
43	2.407	215	217	218	rBV	1581	1521	0.20%	0.037%
44	2.455	221	225	228	rBV2	1224	2262	0.30%	0.055%
45	2.527	236	237	239	rVB	2363	993	0.13%	0.024%
46	2.545	239	240	241	rVB	1673	604	0.08%	0.015%
47	2.563	241	243	245	rBV	1246	1060	0.14%	0.026%
48	2.623	251	253	254	rBV	1626	1083	0.14%	0.026%
49	2.654	256	258	262	rVV	1915	2616	0.35%	0.063%
50	2.690	262	264	265	rVB	2027	1215	0.16%	0.029%
51	2.804	281	283	286	rVB	1708	1461	0.19%	0.035%
52	2.840	287	289	290	rVB	1283	657	0.09%	0.016%
53	2.858	290	292	295	rBV2	1511	1565	0.21%	0.038%
54	2.918	301	302	307	rVB2	1919	1654	0.22%	0.040%
55	2.954	307	308	309	rVB	1556	561	0.07%	0.014%
56	2.966	309	310	312	rBV	1839	1372	0.18%	0.033%
57	2.984	312	313	316	rVB	1485	1255	0.17%	0.030%
58	3.008	316	317	318	rVB	1415	511	0.07%	0.012%
59	3.051	322	324	325	rVB	1979	932	0.12%	0.023%
60	3.081	327	329	330	rBV2	839	766	0.10%	0.019%
61	3.147	339	340	342	rBV	1343	1157	0.15%	0.028%
62	3.183	344	346	351	rVB2	2130	1629	0.22%	0.039%
63	3.255	357	358	359	rBV	2022	1269	0.17%	0.031%
64	3.399	380	382	383	rBV	3032	1914	0.26%	0.046%
65	3.417	383	385	386	rVV	1763	1442	0.19%	0.035%
66	3.460	390	392	393	rVV	1112	556	0.07%	0.013%
67	3.592	412	414	415	rBV	841	810	0.11%	0.020%
68	3.658	424	425	428	rBV	1000	893	0.12%	0.022%
69	3.688	428	430	432	rVB	772	643	0.09%	0.016%
70	3.712	432	434	435	rBV	394	252	0.03%	0.006%
71	3.766	442	443	445	rVB	1481	849	0.11%	0.021%
72	3.802	445	449	450	rBV	843	1016	0.14%	0.025%
73	3.827	451	453	455	rVB	725	432	0.06%	0.010%
74	3.851	455	457	459	rVB	848	591	0.08%	0.014%
75	3.869	459	460	462	rVB	786	523	0.07%	0.013%

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Data File : 6M38421.D
Acq On : 24 Feb 2009 14:29
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Misc : A,5ML!1
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

76	3.887	462	463	470	rBV	1199	1796	0.24%	0.043%
77	3.959	470	475	491	rBV	204090	367714	49.07%	8.885%
78	4.127	502	503	505	rBV2	855	505	0.07%	0.012%
79	4.145	505	506	507	rBV	479	237	0.03%	0.006%
80	4.181	507	512	523	rBV	191578	280002	37.36%	6.766%
81	4.314	533	534	538	rVB2	2475	2171	0.29%	0.052%
82	4.380	541	545	561	rBV	558274	686509	91.61%	16.588%
83	4.566	574	576	579	rBV	673	522	0.07%	0.013%
84	4.645	588	589	590	rVB	755	273	0.04%	0.007%
85	4.711	597	600	601	rBV	1101	810	0.11%	0.020%
86	4.735	601	604	607	rVB	977	1300	0.17%	0.031%
87	4.783	610	612	613	rVB	556	268	0.04%	0.006%
88	4.801	613	615	616	rVB	561	348	0.05%	0.008%
89	4.825	616	619	621	rBV	1011	1198	0.16%	0.029%
90	4.849	621	623	624	rVV	957	594	0.08%	0.014%
91	4.885	626	629	630	rVV	686	609	0.08%	0.015%
92	4.903	630	632	633	rVV	478	375	0.05%	0.009%
93	4.933	634	637	640	rVB	720	1003	0.13%	0.024%
94	4.957	640	641	643	rBV	587	315	0.04%	0.008%
95	4.981	643	645	649	rBV	1187	1403	0.19%	0.034%
96	5.011	649	650	651	rVB	300	108	0.01%	0.003%
97	5.023	651	652	654	rBV	947	664	0.09%	0.016%
98	5.048	654	656	657	rVB	586	283	0.04%	0.007%
99	5.072	659	660	661	rBV	605	223	0.03%	0.005%
100	5.084	661	662	665	rVV	899	643	0.09%	0.016%
101	5.108	665	666	669	rVB	794	709	0.09%	0.017%
102	5.138	669	671	672	rBV	681	501	0.07%	0.012%
103	5.204	678	682	696	rBV	674504	749412	100.00%	18.108%
104	5.330	702	703	706	rVB	1890	1630	0.22%	0.039%
105	5.384	709	712	713	rBV	1224	1379	0.18%	0.033%
106	5.396	713	714	715	rBV	1066	490	0.07%	0.012%
107	5.420	716	718	721	rVB	934	679	0.09%	0.016%
108	5.463	723	725	727	rVB2	1804	1412	0.19%	0.034%
109	5.481	727	728	729	rBV2	1357	594	0.08%	0.014%
110	5.493	729	730	731	rBV2	821	451	0.06%	0.011%
111	5.517	733	734	735	rVB2	730	264	0.04%	0.006%
112	5.535	735	737	738	rBV	974	454	0.06%	0.011%
113	5.553	738	740	741	rBV	679	535	0.07%	0.013%
114	5.571	741	743	745	rBV	762	674	0.09%	0.016%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38421.D
Acq On : 24 Feb 2009 14:29
Operator : WP
Sample : AC42868-009
Misc : A,5ML!1
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

115	5.613	748	750	751	rVB	687	444	0.06%	0.011%
116	5.631	751	753	755	rBV	691	730	0.10%	0.018%
117	5.649	755	756	758	rBV	1097	575	0.08%	0.014%
118	5.673	758	760	761	rVB	937	649	0.09%	0.016%
119	5.685	761	762	766	rVB	522	470	0.06%	0.011%
120	5.721	766	768	769	rVB	1143	636	0.08%	0.015%
121	5.733	769	770	773	rBV	1194	1000	0.13%	0.024%
122	5.763	773	775	778	rBV	998	739	0.10%	0.018%
123	5.793	778	780	781	rBV	963	651	0.09%	0.016%
124	5.805	781	782	784	rBV	922	525	0.07%	0.013%
125	5.824	784	785	788	rVB	804	576	0.08%	0.014%
126	5.860	788	791	792	rBV	549	530	0.07%	0.013%
127	5.872	792	793	796	rVB	640	452	0.06%	0.011%
128	5.902	796	798	800	rBV	527	601	0.08%	0.015%
129	5.938	800	804	819	rBV	555521	688978	91.94%	16.648%
130	6.148	838	839	841	rVB	1184	494	0.07%	0.012%
131	6.172	841	843	845	rBV2	465	330	0.04%	0.008%
132	6.227	850	852	857	rVB	819	928	0.12%	0.022%
133	6.263	857	858	861	rVB	740	541	0.07%	0.013%
134	6.299	861	864	865	rBV	991	860	0.11%	0.021%
135	6.347	868	872	873	rVB	786	826	0.11%	0.020%
136	6.377	876	877	883	rBV	1081	1510	0.20%	0.036%
137	6.431	883	886	888	rBV	1135	661	0.09%	0.016%
138	6.455	888	890	891	rBV	327	353	0.05%	0.009%
139	6.467	891	892	894	rVB	725	373	0.05%	0.009%
140	6.491	894	896	897	rVB	533	372	0.05%	0.009%
141	6.539	900	904	918	rBV	487927	588381	78.51%	14.217%
142	6.720	933	934	937	rVB2	1668	1371	0.18%	0.033%
143	6.762	937	941	943	rBV	1489	1833	0.24%	0.044%
144	6.786	943	945	946	rVB	839	459	0.06%	0.011%
145	6.834	952	953	954	rVB	1117	403	0.05%	0.010%
146	6.846	954	955	957	rVB	191	100	0.01%	0.002%
147	6.870	957	959	960	rBV	369	288	0.04%	0.007%
148	6.900	960	964	966	rVB	1166	942	0.13%	0.023%
149	6.918	966	967	968	rBV	568	216	0.03%	0.005%
150	6.960	970	974	976	rBV	347	554	0.07%	0.013%
151	6.978	976	977	978	rVB	792	286	0.04%	0.007%
152	7.002	980	981	985	rVB	1593	1410	0.19%	0.034%
153	7.033	985	986	988	rBV	1114	611	0.08%	0.015%

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Data File : 6M38421.D
Acq On : 24 Feb 2009 14:29
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Sample : AC42868-009
Misc : A,5ML!1
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

154	7.057	988	990	993	rBV	1136	813	0.11%	0.020%
155	7.093	993	996	998	rVB	972	1067	0.14%	0.026%
156	7.123	999	1001	1002	rBV	1028	698	0.09%	0.017%
157	7.159	1003	1007	1020	rBV	501099	592026	79.00%	14.305%
158	7.285	1026	1028	1031	rVB	1913	1401	0.19%	0.034%
159	7.321	1033	1034	1036	rVB	1849	860	0.11%	0.021%
160	7.357	1038	1040	1043	rVB	1005	758	0.10%	0.018%
161	7.387	1043	1045	1047	rBV	1527	991	0.13%	0.024%
162	7.405	1047	1048	1051	rBV	1105	742	0.10%	0.018%
163	7.454	1055	1056	1058	rBV	531	387	0.05%	0.009%
164	7.490	1061	1062	1065	rVB	476	401	0.05%	0.010%
165	7.514	1065	1066	1067	rVB	1037	374	0.05%	0.009%
166	7.550	1067	1072	1075	rVB	1364	2232	0.30%	0.054%
167	7.574	1075	1076	1077	rBV	1612	697	0.09%	0.017%
168	7.616	1077	1083	1084	rBV	620	835	0.11%	0.020%
169	7.658	1088	1090	1091	rBV	814	534	0.07%	0.013%
170	7.676	1091	1093	1095	rVB	1152	633	0.08%	0.015%
171	7.700	1095	1097	1100	rBV	895	1054	0.14%	0.025%
172	7.748	1103	1105	1107	rBV	338	329	0.04%	0.008%
173	7.778	1107	1110	1111	rVB	1002	871	0.12%	0.021%
174	7.796	1111	1113	1116	rBV	1403	1421	0.19%	0.034%
175	7.833	1118	1119	1121	rVB	898	353	0.05%	0.009%
176	7.857	1121	1123	1124	rVB	868	434	0.06%	0.010%
177	7.881	1124	1127	1128	rBV	885	682	0.09%	0.016%
178	7.893	1128	1129	1132	rVB	1034	948	0.13%	0.023%
179	7.929	1132	1135	1136	rBV	1243	1085	0.14%	0.026%
180	7.941	1136	1137	1139	rBV	275	209	0.03%	0.005%
181	7.971	1141	1142	1144	rBV	746	423	0.06%	0.010%
182	8.001	1144	1147	1148	rVB	1908	1021	0.14%	0.025%
183	8.019	1148	1150	1151	rBV	1744	789	0.11%	0.019%
184	8.049	1151	1155	1157	rBV	861	956	0.13%	0.023%
185	8.079	1159	1160	1165	rVB	818	852	0.11%	0.021%
186	8.115	1165	1166	1168	rVB	815	510	0.07%	0.012%
187	8.145	1168	1171	1172	rBV	699	562	0.07%	0.014%
188	8.157	1172	1173	1176	rVB	820	462	0.06%	0.011%
189	8.193	1176	1179	1182	rBV	1029	1623	0.22%	0.039%
190	8.248	1186	1188	1191	rVB	770	728	0.10%	0.018%
191	8.284	1193	1194	1195	rVB	1365	493	0.07%	0.012%
192	8.302	1195	1197	1198	rBV	1404	837	0.11%	0.020%

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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

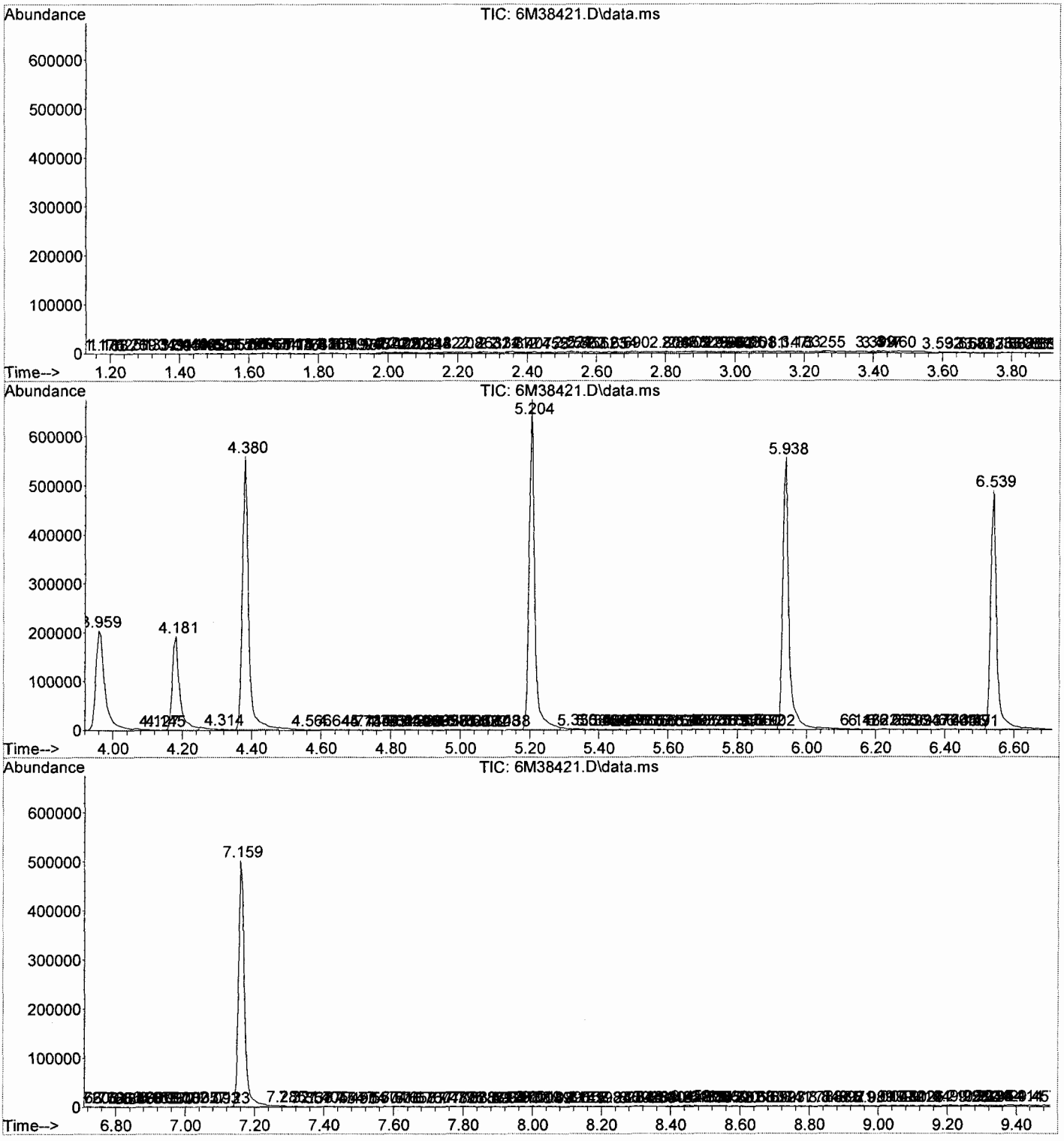
193	8.314	1198	1199	1201	rBV	1595	1033	0.14%	0.025%
194	8.350	1201	1205	1207	rVB	922	1347	0.18%	0.033%
195	8.380	1207	1210	1211	rBV	998	1035	0.14%	0.025%
196	8.404	1211	1214	1216	rVB	1441	1425	0.19%	0.034%
197	8.422	1216	1217	1218	rBV	1326	552	0.07%	0.013%
198	8.452	1218	1222	1224	rBV	2735	3862	0.52%	0.093%
199	8.488	1227	1228	1229	rBV	630	397	0.05%	0.010%
200	8.506	1229	1231	1232	rVV	906	460	0.06%	0.011%
201	8.542	1235	1237	1238	rVV	886	611	0.08%	0.015%
202	8.560	1238	1240	1241	rVB	1630	813	0.11%	0.020%
203	8.590	1241	1245	1246	rBV2	1056	1086	0.14%	0.026%
204	8.602	1246	1247	1250	rBV	850	777	0.10%	0.019%
205	8.663	1255	1257	1262	rVB	587	680	0.09%	0.016%
206	8.699	1262	1263	1265	rVB	1130	793	0.11%	0.019%
207	8.723	1265	1267	1268	rBV	1234	869	0.12%	0.021%
208	8.741	1268	1270	1272	rVB	769	543	0.07%	0.013%
209	8.777	1272	1276	1279	rBV	700	1011	0.13%	0.024%
210	8.849	1286	1288	1290	rVB	1152	819	0.11%	0.020%
211	8.885	1290	1294	1295	rBV	744	838	0.11%	0.020%
212	8.897	1295	1296	1298	rVB2	1228	835	0.11%	0.020%
213	8.921	1298	1300	1301	rBV2	1141	862	0.12%	0.021%
214	8.981	1309	1310	1313	rVB2	662	609	0.08%	0.015%
215	9.017	1313	1316	1318	rBV2	1149	1212	0.16%	0.029%
216	9.048	1318	1321	1322	rBV2	1421	1165	0.16%	0.028%
217	9.072	1322	1325	1326	rVB	1117	815	0.11%	0.020%
218	9.102	1328	1330	1331	rVB	1130	771	0.10%	0.019%
219	9.126	1331	1334	1336	rBV	1452	1351	0.18%	0.033%
220	9.144	1336	1337	1339	rBV	1199	979	0.13%	0.024%
221	9.210	1343	1348	1349	rBV2	1594	2410	0.32%	0.058%
222	9.258	1352	1356	1358	rVB2	1478	1804	0.24%	0.044%
223	9.282	1358	1360	1361	rBV	1146	744	0.10%	0.018%
224	9.294	1361	1362	1364	rBV	1983	1427	0.19%	0.034%
225	9.324	1366	1367	1369	rBV	1208	583	0.08%	0.014%
226	9.342	1369	1370	1371	rVB	1276	461	0.06%	0.011%
227	9.354	1371	1372	1373	rBV	1792	831	0.11%	0.020%
228	9.414	1381	1382	1385	rVV2	1385	961	0.13%	0.023%
229	9.457	1388	1389	1391	rVB	1382	835	0.11%	0.020%

Sum of corrected areas: 4138474

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38421.D
Acq On : 24 Feb 2009 14:29
Operator : WP
Sample : AC42868-009
Misc : A,5ML!1
ALS Vial : 24 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38421.D
Acq On : 24 Feb 2009 14:29
Operator : WP
Sample : AC42868-009
Misc : A,5ML!1
ALS Vial : 24 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-012
Client Id: FB U
Data File: 6M38407.D
Analysis Date: 02/24/09 10:34
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	25	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 109905

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-012
Client Id: FB U
Data File: 6M38407.D
Analysis Date: 02/24/09 10:34
Date Rec/Extracted: 02/20/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109905

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

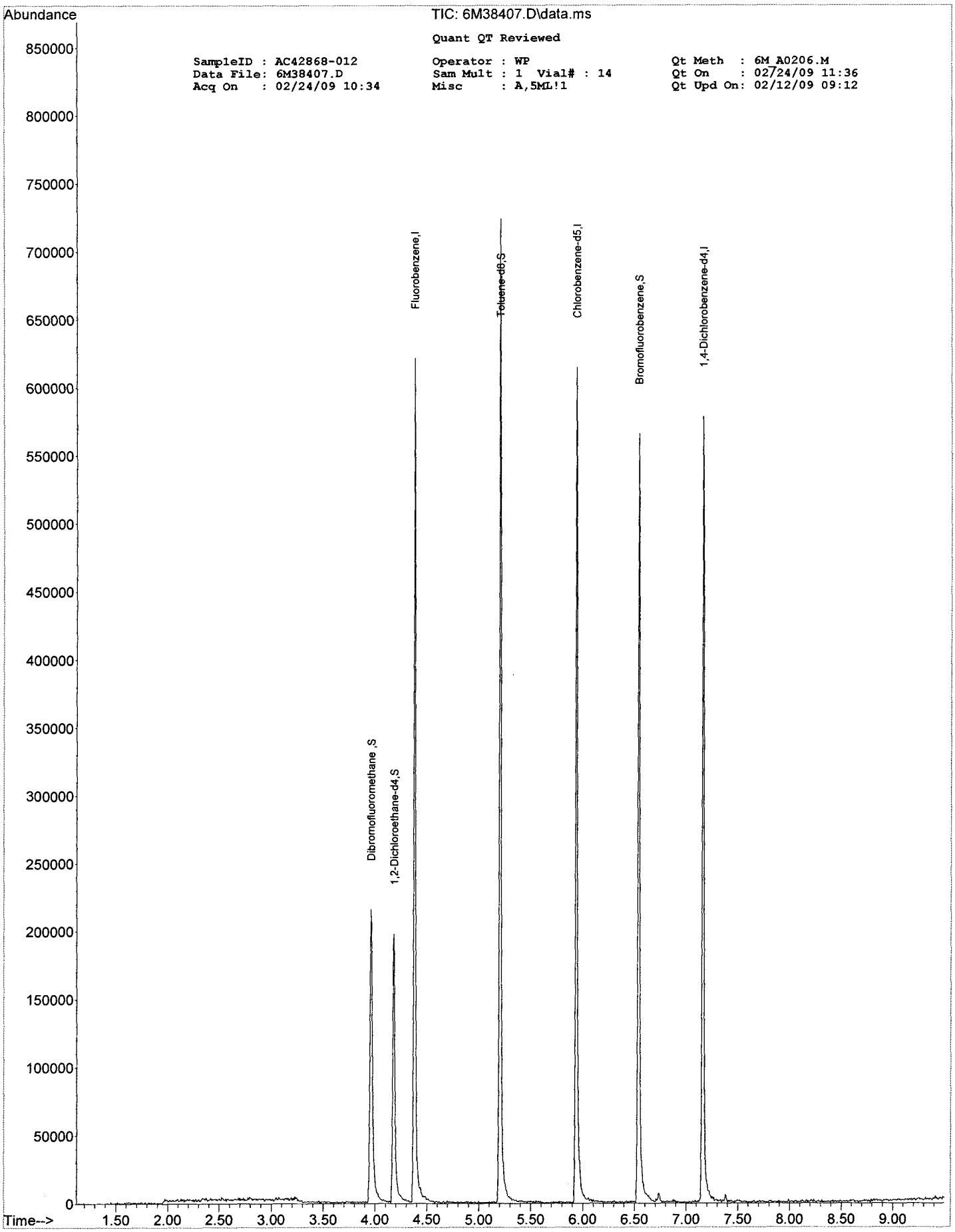
Quantitation Report (QT Reviewed)

SampleID : AC42868-012 Operator : WP Qt Meth : 6M_A0206.M
Data File: 6M38407.D Sam Mult : 1 Vial# : 14 Qt On : 02/24/09 11:36
Acq On : 02/24/09 10:34 Misc : A,5ML!1 Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.379	96	336629	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.937	117	241180	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	125138	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	110800	33.37	ug/l	0.00
Spiked Amount 30.000			Recovery = 111.23%			
32) 1,2-Dichloroethane-d4	4.181	67	58224	28.06	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.53%			
56) Toluene-d8	5.203	98	303183	26.74	ug/l	0.00
Spiked Amount 30.000			Recovery = 89.13%			
64) Bromofluorobenzene	6.538	174	144684	30.40	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.33%			
Target Compounds						Qvalue
Library Search Compounds						

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


Abundance
TIC: 6M38407.D\data.ms
Quant QT Reviewed
SampleID : AC42868-012
Data File: 6M38407.D
Acq On : 02/24/09 10:34
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : A,5ML!1
Qt Meth : 6M_A0206.M
Qt On : 02/24/09 11:36
Qt Upd On: 02/12/09 09:12
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38407.D
Acq On : 24 Feb 2009 10:34
Operator : WP
Sample : AC42868-012
Misc : A,5ML!1
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

Signal : TIC: 6M38407.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.154	3	6	7	rBB	349	333	0.04%	0.007%
2	1.338	37	38	39	rBB	282	98	0.01%	0.002%
3	1.402	48	49	50	rBB	251	87	0.01%	0.002%
4	1.413	50	51	52	rBB	314	109	0.01%	0.002%
5	1.425	52	53	54	rBB	516	178	0.02%	0.004%
6	1.454	57	58	61	rBB	1391	664	0.08%	0.014%
7	1.482	61	63	65	rBB	396	351	0.04%	0.008%
8	1.500	65	66	67	rBB	785	272	0.03%	0.006%
9	1.517	68	69	70	rBB	1355	469	0.06%	0.010%
10	1.540	72	73	76	rBV	624	494	0.06%	0.011%
11	1.563	76	77	80	rBV	286	106	0.01%	0.002%
12	1.586	80	81	82	rVB	1164	402	0.05%	0.009%
13	1.603	82	84	86	rBV	1276	1481	0.18%	0.032%
14	1.627	86	88	91	rVB	965	885	0.11%	0.019%
15	1.673	93	96	100	rBB	821	1261	0.15%	0.027%
16	1.719	102	104	105	rBV	804	558	0.07%	0.012%
17	1.748	105	109	112	rVB	1263	1384	0.17%	0.030%
18	1.782	113	115	116	rBB	1148	701	0.09%	0.015%
19	1.794	116	117	118	rBB	291	101	0.01%	0.002%
20	1.822	119	122	124	rBV	1185	1082	0.13%	0.024%
21	1.840	124	125	126	rVB	1239	429	0.05%	0.009%
22	1.851	126	127	128	rBV	769	369	0.04%	0.008%
23	1.874	128	131	133	rVB	1115	946	0.12%	0.021%
24	1.897	133	135	136	rBB	859	402	0.05%	0.009%
25	1.909	136	137	138	rBV	565	310	0.04%	0.007%
26	1.932	138	141	142	rVB	699	449	0.05%	0.010%
27	1.973	142	146	147	rBV	3745	4504	0.55%	0.098%
28	2.093	163	166	168	rVB	1923	1910	0.23%	0.042%
29	2.129	168	172	173	rBV	2275	1587	0.19%	0.035%
30	2.165	177	178	179	rBV	1942	1040	0.13%	0.023%
31	2.190	179	182	185	rVV	1549	1538	0.19%	0.034%
32	2.274	193	196	197	rBV	2122	1725	0.21%	0.038%
33	2.298	199	200	203	rVV	1479	1131	0.14%	0.025%
34	2.340	203	207	211	rVV2	2311	4225	0.51%	0.092%
35	2.376	211	213	215	rVB	2504	1710	0.21%	0.037%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38407.D
Acq On : 24 Feb 2009 10:34
Operator : WP
Sample : AC42868-012
Misc : A,5ML!1
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

36	2.418	215	220	222	rBV2	2361	2942	0.36%	0.064%
37	2.526	237	238	241	rBV	2318	2001	0.24%	0.044%
38	2.562	243	244	245	rVB	1857	670	0.08%	0.015%
39	2.587	245	248	250	rBV	1653	2328	0.28%	0.051%
40	2.689	264	265	266	rVB	2103	759	0.09%	0.017%
41	2.719	268	270	271	rBV	1099	718	0.09%	0.016%
42	2.737	271	273	274	rVB	2152	1147	0.14%	0.025%
43	2.779	278	280	281	rVV	1927	1206	0.15%	0.026%
44	2.797	281	283	287	rVB	2389	2948	0.36%	0.064%
45	2.881	295	297	300	rBV	961	1221	0.15%	0.027%
46	2.947	306	308	311	rBV	1548	1744	0.21%	0.038%
47	3.050	320	325	326	rBV	2707	3376	0.41%	0.074%
48	3.074	327	329	331	rVB	1725	1357	0.17%	0.030%
49	3.140	337	340	341	rBV3	1554	1736	0.21%	0.038%
50	3.194	345	349	350	rVB	2551	1868	0.23%	0.041%
51	3.290	363	365	367	rVB	1735	1632	0.20%	0.036%
52	3.326	369	371	373	rVV	680	678	0.08%	0.015%
53	3.350	373	375	377	rVB	720	620	0.08%	0.014%
54	3.374	377	379	381	rBV	373	332	0.04%	0.007%
55	3.399	381	383	387	rVB	668	651	0.08%	0.014%
56	3.435	387	389	390	rVB	770	393	0.05%	0.009%
57	3.459	390	393	394	rVB	1773	1308	0.16%	0.028%
58	3.495	396	399	401	rBV	1110	1554	0.19%	0.034%
59	3.513	401	402	404	rVB	1032	632	0.08%	0.014%
60	3.543	406	407	409	rBV	679	599	0.07%	0.013%
61	3.579	412	413	417	rVB	275	325	0.04%	0.007%
62	3.633	421	422	424	rVB	961	451	0.05%	0.010%
63	3.663	424	427	428	rBV	609	614	0.07%	0.013%
64	3.681	428	430	434	rVB	1201	1188	0.14%	0.026%
65	3.729	434	438	441	rBV	1164	1511	0.18%	0.033%
66	3.784	444	447	448	rBV	888	694	0.08%	0.015%
67	3.802	448	450	452	rBV	263	260	0.03%	0.006%
68	3.832	453	455	456	rVB	855	532	0.06%	0.012%
69	3.844	456	457	460	rBV	705	930	0.11%	0.020%
70	3.886	462	464	465	rBV	1008	714	0.09%	0.016%
71	3.910	467	468	471	rVB	1008	514	0.06%	0.011%
72	3.958	471	476	495	rBV	215470	383396	46.69%	8.354%
73	4.078	495	496	498	rVB2	1410	813	0.10%	0.018%
74	4.144	504	507	508	rVB	1570	1339	0.16%	0.029%
75	4.181	508	513	531	rBV	197613	307635	37.46%	6.703%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38407.D
Acq On : 24 Feb 2009 10:34
Operator : WP
Sample : AC42868-012
Misc : A,5ML!1
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

76	4.343	538	540	541	rBV2	852	463	0.06%	0.010%
77	4.379	541	546	555	rBV	620934	746539	90.91%	16.266%
78	4.547	573	574	579	rVB	1470	1782	0.22%	0.039%
79	4.596	579	582	584	rBV2	1073	1075	0.13%	0.023%
80	4.614	584	585	590	rVB	1526	1649	0.20%	0.036%
81	4.662	590	593	594	rBV	1835	1702	0.21%	0.037%
82	4.686	594	597	598	rBV	565	298	0.04%	0.006%
83	4.698	598	599	601	rVV	1439	684	0.08%	0.015%
84	4.716	601	602	604	rVV	543	340	0.04%	0.007%
85	4.740	604	606	607	rVB	539	318	0.04%	0.007%
86	4.752	607	608	609	rBV	748	286	0.03%	0.006%
87	4.800	613	616	618	rBV	895	859	0.10%	0.019%
88	4.824	618	620	622	rBV	614	573	0.07%	0.012%
89	4.884	627	630	631	rVB	917	717	0.09%	0.016%
90	4.896	631	632	634	rBV	877	458	0.06%	0.010%
91	4.926	636	637	638	rVB	975	352	0.04%	0.008%
92	4.944	638	640	642	rBV	518	578	0.07%	0.013%
93	4.962	642	643	646	rVB	767	345	0.04%	0.008%
94	4.999	647	649	652	rVB	1171	630	0.08%	0.014%
95	5.029	652	654	659	rBV	643	827	0.10%	0.018%
96	5.089	663	664	665	rBV	376	143	0.02%	0.003%
97	5.101	665	666	667	rVB	827	299	0.04%	0.007%
98	5.125	669	670	671	rVB	454	164	0.02%	0.004%
99	5.149	671	674	677	rVB	901	805	0.10%	0.018%
100	5.203	679	683	697	rBV	722520	821205	100.00%	17.893%
101	5.323	702	703	707	rVV2	2467	3353	0.41%	0.073%
102	5.378	711	712	713	rVV	1076	559	0.07%	0.012%
103	5.396	713	715	716	rVV	1135	885	0.11%	0.019%
104	5.414	716	718	722	rVB2	961	1126	0.14%	0.025%
105	5.450	722	724	726	rVB	1028	1040	0.13%	0.023%
106	5.474	726	728	731	rBV	1201	1502	0.18%	0.033%
107	5.498	731	732	736	rVB	1270	1225	0.15%	0.027%
108	5.528	736	737	740	rVB	1208	730	0.09%	0.016%
109	5.552	740	741	744	rBV	1505	1181	0.14%	0.026%
110	5.576	744	745	746	rVB	943	340	0.04%	0.007%
111	5.594	746	748	749	rVB	1058	488	0.06%	0.011%
112	5.612	749	751	754	rVB	547	416	0.05%	0.009%
113	5.648	754	757	758	rBV	554	354	0.04%	0.008%
114	5.666	758	760	763	rVB	438	430	0.05%	0.009%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38407.D
Acq On : 24 Feb 2009 10:34
Operator : WP
Sample : AC42868-012
Misc : A,5ML!1
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

115	5.696	763	765	767	rBV	804	709	0.09%	0.015%
116	5.720	767	769	770	rVB	887	532	0.06%	0.012%
117	5.738	770	772	773	rBV	360	209	0.03%	0.005%
118	5.756	773	775	776	rBV	239	167	0.02%	0.004%
119	5.774	776	778	779	rVB	796	368	0.04%	0.008%
120	5.799	779	782	783	rVB	710	646	0.08%	0.014%
121	5.811	783	784	788	rVB	444	537	0.07%	0.012%
122	5.841	788	789	792	rBV	763	923	0.11%	0.020%
123	5.871	792	794	798	rVB	662	657	0.08%	0.014%
124	5.901	798	799	800	rVB	567	204	0.02%	0.004%
125	5.937	800	805	821	rBV	614713	749765	91.30%	16.336%
126	6.051	823	824	826	rVV2	3381	2224	0.27%	0.048%
127	6.075	826	828	831	rVB3	2064	2080	0.25%	0.045%
128	6.099	831	832	834	rBV	1815	1072	0.13%	0.023%
129	6.178	843	845	846	rBV	863	486	0.06%	0.011%
130	6.208	848	850	851	rBV	976	714	0.09%	0.016%
131	6.244	855	856	857	rBV	680	323	0.04%	0.007%
132	6.268	858	860	862	rVB	1027	806	0.10%	0.018%
133	6.286	862	863	864	rBV	1299	629	0.08%	0.014%
134	6.304	864	866	868	rVB	1575	1218	0.15%	0.027%
135	6.322	868	869	870	rBV	898	386	0.05%	0.008%
136	6.346	870	873	874	rBV	322	376	0.05%	0.008%
137	6.364	874	876	877	rVB	1138	601	0.07%	0.013%
138	6.382	877	879	882	rBV	925	890	0.11%	0.019%
139	6.424	882	886	888	rVB	1220	1082	0.13%	0.024%
140	6.442	888	889	890	rBV	666	278	0.03%	0.006%
141	6.460	890	892	893	rBV	865	574	0.07%	0.013%
142	6.472	893	894	896	rBV	791	660	0.08%	0.014%
143	6.490	896	897	900	rVB	610	609	0.07%	0.013%
144	6.538	900	905	917	rBV	565397	684435	83.35%	14.913%
145	6.707	932	933	934	rBV	2430	1262	0.15%	0.027%
146	6.737	935	938	943	rVB4	7419	9544	1.16%	0.208%
147	6.779	943	945	947	rBV	1074	859	0.10%	0.019%
148	6.815	947	951	952	rBV	935	862	0.10%	0.019%
149	6.833	952	954	955	rVB	507	220	0.03%	0.005%
150	6.845	955	956	958	rBV	435	401	0.05%	0.009%
151	6.875	960	961	962	rVB	1738	627	0.08%	0.014%
152	6.893	962	964	965	rVB	2011	1332	0.16%	0.029%
153	6.917	967	968	971	rBV	958	964	0.12%	0.021%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38407.D
Acq On : 24 Feb 2009 10:34
Operator : WP
Sample : AC42868-012
Misc : A,5ML!1
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

154	6.947	971	973	974	rVB	490	213	0.03%	0.005%
155	6.965	974	976	977	rVB	334	186	0.02%	0.004%
156	6.978	977	978	982	rBV	444	631	0.08%	0.014%
157	7.032	986	987	990	rBV	905	652	0.08%	0.014%
158	7.062	990	992	995	rBV	1191	1010	0.12%	0.022%
159	7.086	995	996	998	rBV	1562	658	0.08%	0.014%
160	7.104	998	999	1000	rVB	182	66	0.01%	0.001%
161	7.116	1000	1001	1002	rBV	1129	464	0.06%	0.010%
162	7.158	1004	1008	1017	rBV	575907	670998	81.71%	14.620%
163	7.290	1027	1030	1032	rVV2	1216	1248	0.15%	0.027%
164	7.332	1034	1037	1039	rVB3	2067	1910	0.23%	0.042%
165	7.350	1039	1040	1042	rBV	1605	1428	0.17%	0.031%
166	7.381	1042	1045	1048	rVB2	5977	5928	0.72%	0.129%
167	7.405	1048	1049	1052	rBV2	1638	1518	0.18%	0.033%
168	7.429	1052	1053	1059	rVB	1514	1842	0.22%	0.040%
169	7.471	1059	1060	1061	rBV	974	579	0.07%	0.013%
170	7.495	1062	1064	1066	rBV2	1102	717	0.09%	0.016%
171	7.513	1066	1067	1069	rVB2	944	516	0.06%	0.011%
172	7.549	1072	1073	1075	rBV	495	436	0.05%	0.009%
173	7.567	1075	1076	1078	rVB	872	556	0.07%	0.012%
174	7.603	1081	1082	1083	rBV	448	233	0.03%	0.005%
175	7.615	1083	1084	1086	rVB	437	313	0.04%	0.007%
176	7.639	1086	1088	1089	rBV	757	492	0.06%	0.011%
177	7.657	1089	1091	1093	rVB	1558	1141	0.14%	0.025%
178	7.687	1093	1096	1097	rBV	790	509	0.06%	0.011%
179	7.711	1097	1100	1101	rBV	1291	819	0.10%	0.018%
180	7.741	1101	1105	1107	rBV	797	822	0.10%	0.018%
181	7.808	1112	1116	1120	rBV	1407	1968	0.24%	0.043%
182	7.838	1120	1121	1122	rBV	390	171	0.02%	0.004%
183	7.856	1122	1124	1127	rVB	980	1209	0.15%	0.026%
184	7.880	1127	1128	1129	rBV	863	329	0.04%	0.007%
185	7.898	1129	1131	1132	rVB	1471	964	0.12%	0.021%
186	7.916	1132	1134	1136	rBV	851	957	0.12%	0.021%
187	7.940	1136	1138	1142	rVB	858	766	0.09%	0.017%
188	7.970	1142	1143	1145	rBV	518	426	0.05%	0.009%
189	7.988	1145	1146	1148	rVB	2412	1416	0.17%	0.031%
190	8.018	1148	1151	1153	rBV	1116	1442	0.18%	0.031%
191	8.060	1155	1158	1160	rVB	1348	1713	0.21%	0.037%
192	8.084	1160	1162	1163	rBV	973	837	0.10%	0.018%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38407.D
Acq On : 24 Feb 2009 10:34
Operator : WP
Sample : AC42868-012
Misc : A,5ML!1
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

193	8.108	1163	1166	1167	rVB	1010	582	0.07%	0.013%
194	8.120	1167	1168	1173	rVB	1568	1311	0.16%	0.029%
195	8.162	1173	1175	1177	rBV	1503	821	0.10%	0.018%
196	8.181	1177	1178	1179	rBV	1001	401	0.05%	0.009%
197	8.193	1179	1180	1181	rBB	234	169	0.02%	0.004%
198	8.211	1181	1183	1186	rVB	1689	1620	0.20%	0.035%
199	8.235	1186	1187	1191	rVB	2327	1720	0.21%	0.037%
200	8.283	1191	1195	1196	rBV	1669	1843	0.22%	0.040%
201	8.313	1199	1200	1201	rVB	1652	596	0.07%	0.013%
202	8.343	1203	1205	1206	rBV	624	430	0.05%	0.009%
203	8.361	1206	1208	1209	rBV	602	271	0.03%	0.006%
204	8.373	1209	1210	1211	rBV	830	312	0.04%	0.007%
205	8.403	1214	1215	1217	rBV	1278	907	0.11%	0.020%
206	8.421	1217	1218	1219	rVB	1754	633	0.08%	0.014%
207	8.445	1219	1222	1224	rBV	1141	1256	0.15%	0.027%
208	8.469	1224	1226	1227	rVB2	645	465	0.06%	0.010%
209	8.487	1227	1229	1232	rBV2	1000	917	0.11%	0.020%
210	8.529	1232	1236	1237	rBV	726	831	0.10%	0.018%
211	8.553	1239	1240	1241	rVB	1033	373	0.05%	0.008%
212	8.572	1241	1243	1245	rBV	750	618	0.08%	0.013%
213	8.590	1245	1246	1247	rBV	1139	416	0.05%	0.009%
214	8.638	1253	1254	1256	rBV	765	597	0.07%	0.013%
215	8.656	1256	1257	1259	rVB	1007	683	0.08%	0.015%
216	8.680	1259	1261	1262	rBV	1013	608	0.07%	0.013%
217	8.710	1264	1266	1267	rVV	667	513	0.06%	0.011%
218	8.728	1267	1269	1270	rVV	1278	782	0.10%	0.017%
219	8.746	1270	1272	1274	rVB	1273	1172	0.14%	0.026%
220	8.764	1274	1275	1278	rVB	1689	1472	0.18%	0.032%
221	8.788	1278	1279	1281	rBV	2515	1867	0.23%	0.041%
222	8.818	1281	1284	1285	rBV2	1880	1451	0.18%	0.032%
223	8.842	1285	1288	1290	rVB2	1215	1272	0.15%	0.028%
224	8.866	1290	1292	1294	rBV2	784	614	0.07%	0.013%
225	8.884	1294	1295	1297	rVB	1492	767	0.09%	0.017%
226	8.914	1297	1300	1301	rBV	1321	1293	0.16%	0.028%
227	8.981	1308	1311	1312	rBV2	974	745	0.09%	0.016%
228	9.011	1312	1316	1319	rBV	1121	1882	0.23%	0.041%
229	9.125	1332	1335	1339	rVB2	1136	1858	0.23%	0.040%
230	9.155	1339	1340	1342	rBV	1079	890	0.11%	0.019%
231	9.179	1342	1344	1345	rVB2	1530	766	0.09%	0.017%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38407.D
Acq On : 24 Feb 2009 10:34
Operator : WP
Sample : AC42868-012
Misc : A,5ML!1
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

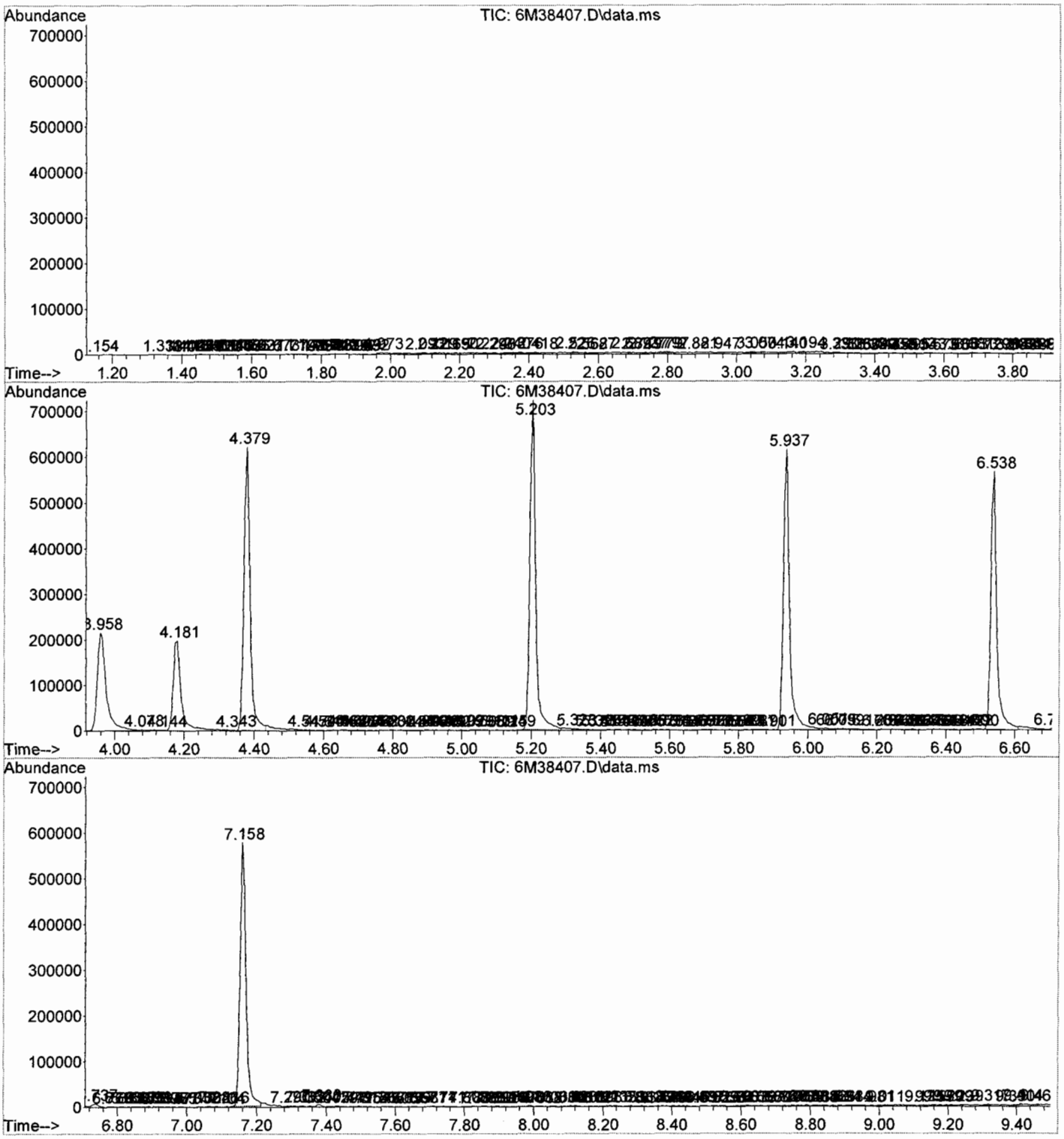
232	9.209	1345	1349	1351	rBV2	1565	1885	0.23%	0.041%
233	9.239	1351	1354	1355	rBV	1611	1749	0.21%	0.038%
234	9.317	1363	1367	1368	rBV3	2409	1678	0.20%	0.037%
235	9.390	1378	1379	1381	rBV2	1580	1554	0.19%	0.034%
236	9.414	1381	1383	1384	rVV2	2894	1679	0.20%	0.037%
237	9.462	1388	1391	1392	rBV	1685	1712	0.21%	0.037%

Sum of corrected areas: 4589642

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38407.D
Acq On : 24 Feb 2009 10:34
Operator : WP
Sample : AC42868-012
Misc : A,5ML!1
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38407.D
Acq On : 24 Feb 2009 10:34
Operator : WP
Sample : AC42868-012
Misc : A,5ML!1
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42868-014
Client Id: TB
Data File: 6M38408.D
Analysis Date: 02/24/09 10:50
Date Rec/Extracted: 02/20/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	25	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 109905

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-014
Client Id: TB
Data File: 6M38408.D
Analysis Date: 02/24/09 10:50
Date Rec/Extracted: 02/20/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109905

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

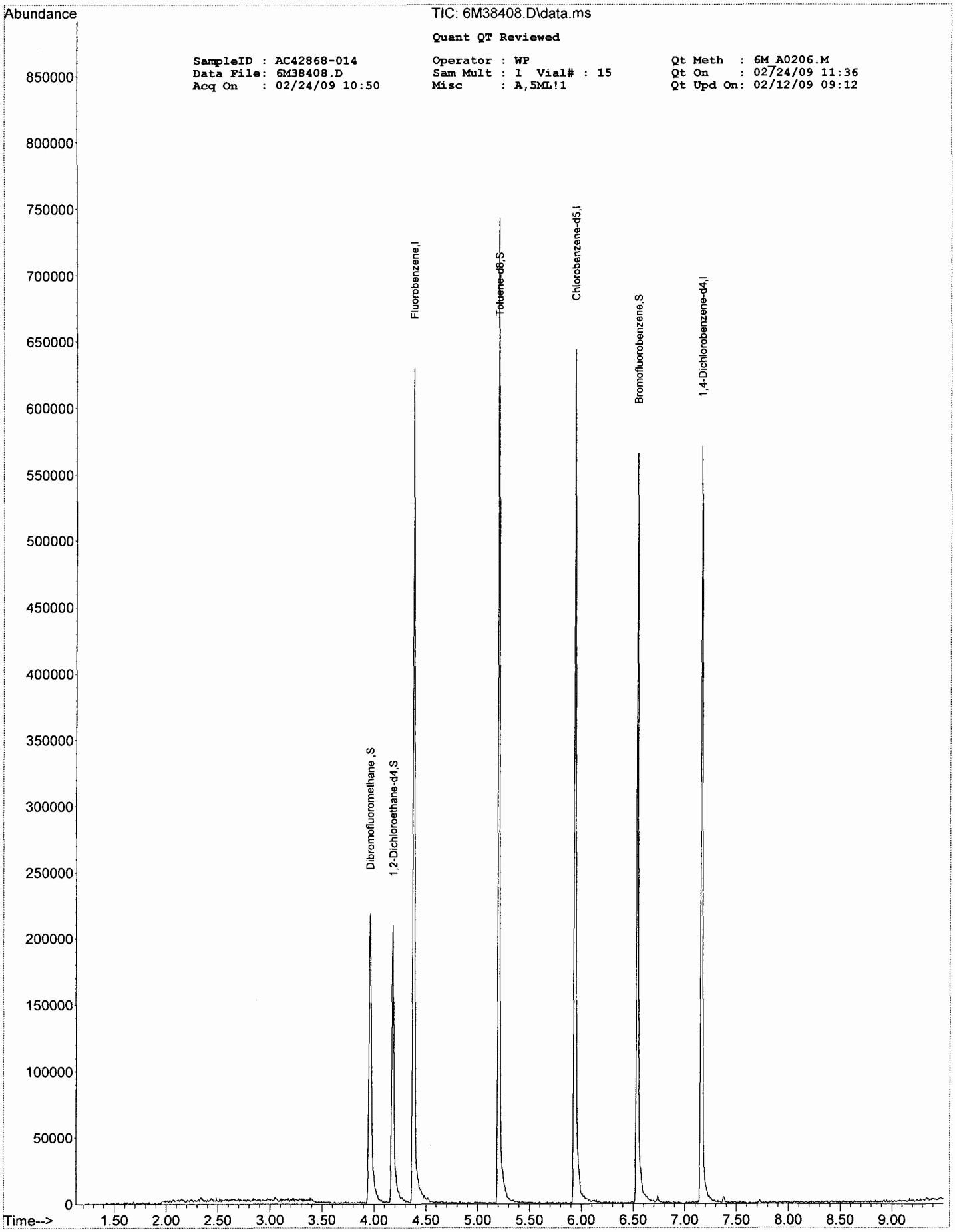
Quantitation Report (QT Reviewed)

SampleID : AC42868-014 Operator : WP Qt Meth : 6M_A0206.M
Data File: 6M38408.D Sam Mult : 1 Vial# : 15 Qt On : 02/24/09 11:36
Acq On : 02/24/09 10:50 Misc : A,5ML!1 Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.379	96	341509	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.937	117	244485	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	126119	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	113476	33.68	ug/l	0.00
Spiked Amount 30.000			Recovery =	112.27%		
32) 1,2-Dichloroethane-d4	4.180	67	58744	27.90	ug/l	0.00
Spiked Amount 30.000			Recovery =	93.00%		
56) Toluene-d8	5.203	98	306882	26.70	ug/l	0.00
Spiked Amount 30.000			Recovery =	89.00%		
64) Bromofluorobenzene	6.538	174	141255	29.45	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.17%		
Target Compounds						Qvalue
Library Search Compounds						

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


Abundance
TIC: 6M38408.D\data.ms
Quant QT Reviewed
SampleID : AC42868-014
Data File: 6M38408.D
Acq On : 02/24/09 10:50
Operator : WP
Sam Mult : 1 Vial# : 15
Misc : A,5ML!1
Qt Meth : 6M_A0206.M
Qt On : 02/24/09 11:36
Qt Upd On: 02/12/09 09:12
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38408.D
Acq On : 24 Feb 2009 10:50
Operator : WP
Sample : AC42868-014
Misc : A,5ML!1
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

Signal : TIC: 6M38408.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.390	45	46	47	rBB	272	94	0.01%	0.002%
2	1.430	51	53	54	rBB	992	529	0.06%	0.011%
3	1.459	57	58	59	rBB	250	86	0.01%	0.002%
4	1.471	59	60	61	rBB	632	219	0.03%	0.005%
5	1.494	61	64	65	rBB	718	562	0.07%	0.012%
6	1.528	68	70	71	rBV	831	477	0.06%	0.010%
7	1.540	71	72	75	rVB	1427	673	0.08%	0.015%
8	1.574	75	78	79	rBB	384	329	0.04%	0.007%
9	1.592	79	81	82	rBB	404	232	0.03%	0.005%
10	1.603	82	83	84	rBV	1435	709	0.08%	0.015%
11	1.655	90	92	93	rVB	862	494	0.06%	0.011%
12	1.672	93	95	96	rBV	584	391	0.05%	0.008%
13	1.684	96	97	102	rVB	1709	899	0.11%	0.019%
14	1.718	102	103	106	rBV	577	474	0.06%	0.010%
15	1.741	106	107	108	rBV	500	176	0.02%	0.004%
16	1.770	110	112	113	rBV	1062	608	0.07%	0.013%
17	1.811	116	119	122	rBV	791	1107	0.13%	0.024%
18	1.834	122	123	127	rVB	1482	892	0.11%	0.019%
19	1.868	127	129	130	rBB	352	240	0.03%	0.005%
20	1.897	131	134	136	rBB	872	772	0.09%	0.017%
21	1.926	136	139	140	rBB	901	524	0.06%	0.011%
22	1.973	142	145	147	rBV	2508	4695	0.56%	0.102%
23	1.991	147	148	149	rVB	1331	480	0.06%	0.010%
24	2.015	149	152	154	rBV	1395	991	0.12%	0.021%
25	2.039	154	156	158	rBV	1515	1230	0.15%	0.027%
26	2.069	158	161	164	rBV	1697	2026	0.24%	0.044%
27	2.153	172	175	177	rBV	2031	1506	0.18%	0.033%
28	2.207	182	184	187	rBV	1635	2075	0.25%	0.045%
29	2.231	187	188	190	rBV	1202	1197	0.14%	0.026%
30	2.279	194	196	197	rBV	1226	870	0.10%	0.019%
31	2.309	199	201	203	rVB	1356	1187	0.14%	0.026%
32	2.334	203	205	211	rVB3	3049	4485	0.54%	0.097%
33	2.376	211	212	214	rVB	1489	826	0.10%	0.018%
34	2.400	214	216	218	rBV	1621	1222	0.15%	0.026%
35	2.436	218	222	226	rVB	2652	3130	0.37%	0.068%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38408.D
Acq On : 24 Feb 2009 10:50
Operator : WP
Sample : AC42868-014
Misc : A,5ML!1
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

36	2.466	226	227	229	rBV	738	542	0.06%	0.012%
37	2.484	229	230	234	rVB2	2833	1700	0.20%	0.037%
38	2.520	234	236	238	rVB	2683	1595	0.19%	0.035%
39	2.538	238	239	240	rBV	1818	936	0.11%	0.020%
40	2.592	247	248	250	rVB	1822	836	0.10%	0.018%
41	2.610	250	251	252	rBV	1062	390	0.05%	0.008%
42	2.628	252	254	255	rBV	1534	981	0.12%	0.021%
43	2.700	264	266	267	rVB	2014	1115	0.13%	0.024%
44	2.718	267	269	272	rBV	1604	1352	0.16%	0.029%
45	2.749	272	274	275	rVB	1123	511	0.06%	0.011%
46	2.785	278	280	281	rBV	1739	1356	0.16%	0.029%
47	2.839	288	289	290	rBV	2207	953	0.11%	0.021%
48	2.887	294	297	298	rBV	1450	1490	0.18%	0.032%
49	2.905	298	300	301	rVB	1700	882	0.11%	0.019%
50	2.929	303	304	307	rBV2	1219	1165	0.14%	0.025%
51	2.977	310	312	313	rBV	1885	1281	0.15%	0.028%
52	3.013	316	318	320	rVB2	1330	1174	0.14%	0.025%
53	3.049	321	324	325	rBV2	2081	1576	0.19%	0.034%
54	3.103	330	333	334	rVB	2269	1606	0.19%	0.035%
55	3.127	334	337	339	rBV	1911	2476	0.30%	0.054%
56	3.200	347	349	351	rBV	1789	1849	0.22%	0.040%
57	3.218	351	352	355	rVB	2436	1923	0.23%	0.042%
58	3.254	355	358	359	rBV	1663	1638	0.20%	0.035%
59	3.308	366	367	369	rVB	2264	915	0.11%	0.020%
60	3.326	369	370	371	rBV	2115	1010	0.12%	0.022%
61	3.380	378	379	380	rVB	2633	951	0.11%	0.021%
62	3.392	380	381	390	rVB2	3787	6159	0.74%	0.133%
63	3.458	390	392	393	rBV	662	573	0.07%	0.012%
64	3.470	393	394	397	rVB	788	488	0.06%	0.011%
65	3.494	397	398	399	rVB	1082	390	0.05%	0.008%
66	3.518	399	402	404	rVB	846	820	0.10%	0.018%
67	3.543	404	406	407	rBV	719	533	0.06%	0.012%
68	3.567	408	410	411	rVB	1193	628	0.07%	0.014%
69	3.621	418	419	420	rBV	690	300	0.04%	0.006%
70	3.663	424	426	427	rVB	657	466	0.06%	0.010%
71	3.681	427	429	432	rBV	809	835	0.10%	0.018%
72	3.711	432	434	436	rBV	474	387	0.05%	0.008%
73	3.729	436	437	438	rVB	901	325	0.04%	0.007%
74	3.753	438	441	442	rVB	741	563	0.07%	0.012%
75	3.789	444	447	449	rVB	551	424	0.05%	0.009%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38408.D
Acq On : 24 Feb 2009 10:50
Operator : WP
Sample : AC42868-014
Misc : A,5ML!1
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

76	3.813	449	451	453	rBV	584	359	0.04%	0.008%
77	3.843	453	456	459	rVB	668	688	0.08%	0.015%
78	3.867	459	460	463	rVB	1378	978	0.12%	0.021%
79	3.909	465	467	470	rBV	651	574	0.07%	0.012%
80	3.964	470	476	490	rBV	217925	387634	46.28%	8.396%
81	4.072	493	494	497	rVB2	2278	1532	0.18%	0.033%
82	4.120	501	502	503	rVB	1360	491	0.06%	0.011%
83	4.180	507	512	520	rBV	208451	300088	35.83%	6.499%
84	4.379	541	545	562	rBV	628710	768289	91.73%	16.640%
85	4.517	567	568	572	rVB	3269	2928	0.35%	0.063%
86	4.595	580	581	583	rVB	1141	750	0.09%	0.016%
87	4.619	583	585	586	rBV	543	434	0.05%	0.009%
88	4.637	586	588	589	rVV	655	463	0.06%	0.010%
89	4.649	589	590	593	rVB	1464	1384	0.17%	0.030%
90	4.673	593	594	596	rBV	803	520	0.06%	0.011%
91	4.697	596	598	600	rVB	1212	787	0.09%	0.017%
92	4.734	602	604	605	rVB	402	280	0.03%	0.006%
93	4.752	605	607	610	rBV	922	749	0.09%	0.016%
94	4.794	612	614	617	rBV	320	262	0.03%	0.006%
95	4.818	617	618	619	rBV	320	137	0.02%	0.003%
96	4.830	619	620	622	rVB	1411	618	0.07%	0.013%
97	4.854	622	624	626	rBV	957	545	0.07%	0.012%
98	4.872	626	627	629	rVB	616	346	0.04%	0.007%
99	4.908	629	633	634	rBV	976	961	0.11%	0.021%
100	4.926	634	636	639	rVB	733	645	0.08%	0.014%
101	4.974	641	644	646	rBV	1645	2055	0.25%	0.045%
102	5.022	651	652	655	rBV	750	585	0.07%	0.013%
103	5.046	655	656	659	rVB	751	425	0.05%	0.009%
104	5.082	659	662	665	rVB	554	654	0.08%	0.014%
105	5.118	665	668	672	rBV	806	1188	0.14%	0.026%
106	5.161	672	675	678	rVB	1037	922	0.11%	0.020%
107	5.203	678	682	698	rBV	743057	837538	100.00%	18.140%
108	5.431	718	720	722	rVB2	1174	987	0.12%	0.021%
109	5.449	722	723	725	rVB	1634	796	0.10%	0.017%
110	5.467	725	726	728	rBV	1252	825	0.10%	0.018%
111	5.485	728	729	730	rBV	892	418	0.05%	0.009%
112	5.497	730	731	735	rBV	700	923	0.11%	0.020%
113	5.558	739	741	742	rBV	1023	508	0.06%	0.011%
114	5.576	742	744	745	rVB	465	288	0.03%	0.006%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38408.D
Acq On : 24 Feb 2009 10:50
Operator : WP
Sample : AC42868-014
Misc : A,5ML!1
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

115	5.600	745	748	751	rBV	1239	1340	0.16%	0.029%
116	5.630	751	753	755	rVB	849	744	0.09%	0.016%
117	5.660	755	758	759	rBV	1091	1008	0.12%	0.022%
118	5.672	759	760	762	rBV	1253	515	0.06%	0.011%
119	5.690	762	763	766	rBV	573	582	0.07%	0.013%
120	5.726	766	769	771	rVB	1089	724	0.09%	0.016%
121	5.750	771	773	774	rVB	647	464	0.06%	0.010%
122	5.762	774	775	777	rBB	1080	770	0.09%	0.017%
123	5.780	777	778	784	rBV	1348	2075	0.25%	0.045%
124	5.822	784	785	786	rBV	999	522	0.06%	0.011%
125	5.852	788	790	792	rVB	1089	700	0.08%	0.015%
126	5.870	792	793	796	rVB	431	359	0.04%	0.008%
127	5.900	796	798	800	rBV	1091	792	0.09%	0.017%
128	5.937	800	804	818	rBV	643473	755949	90.26%	16.373%
129	6.111	830	833	834	rBV3	1140	966	0.12%	0.021%
130	6.141	837	838	839	rVB	2114	763	0.09%	0.017%
131	6.171	841	843	846	rVB	1526	1101	0.13%	0.024%
132	6.219	849	851	853	rVB	1389	1075	0.13%	0.023%
133	6.237	853	854	857	rBV	1808	1474	0.18%	0.032%
134	6.267	857	859	860	rBV	770	299	0.04%	0.006%
135	6.297	863	864	867	rVB	1053	747	0.09%	0.016%
136	6.328	867	869	871	rBV	1033	503	0.06%	0.011%
137	6.352	871	873	876	rVB	1208	1145	0.14%	0.025%
138	6.376	876	877	878	rBV	1109	655	0.08%	0.014%
139	6.394	878	880	882	rVB	687	552	0.07%	0.012%
140	6.424	882	885	886	rBV	554	529	0.06%	0.011%
141	6.436	886	887	889	rBV	418	307	0.04%	0.007%
142	6.454	889	890	891	rVB	606	219	0.03%	0.005%
143	6.466	891	892	894	rBV	382	379	0.05%	0.008%
144	6.490	894	896	900	rBV	1129	1283	0.15%	0.028%
145	6.538	900	904	918	rBV	564234	669599	79.95%	14.503%
146	6.737	933	937	941	rVB2	5026	4379	0.52%	0.095%
147	6.791	945	946	948	rVB	691	338	0.04%	0.007%
148	6.809	948	949	950	rVB	875	315	0.04%	0.007%
149	6.821	950	951	953	rBV	1796	1084	0.13%	0.023%
150	6.845	953	955	958	rVB	1658	1552	0.19%	0.034%
151	6.875	958	960	961	rBV	682	308	0.04%	0.007%
152	6.893	961	963	966	rBV	1429	1269	0.15%	0.027%
153	6.941	968	971	974	rBV	1056	1130	0.13%	0.024%

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Acq On : 24 Feb 2009 10:50
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Misc : A,5ML!1
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

154	6.971	974	976	977	rVB	153	97	0.01%	0.002%
155	6.989	977	979	980	rVB	236	137	0.02%	0.003%
156	7.019	980	984	986	rBV	798	1013	0.12%	0.022%
157	7.043	986	988	991	rVB	1355	1528	0.18%	0.033%
158	7.073	991	993	996	rBV	1818	2150	0.26%	0.047%
159	7.109	996	999	1001	rVB	916	919	0.11%	0.020%
160	7.128	1001	1002	1003	rBV	1607	816	0.10%	0.018%
161	7.158	1003	1007	1019	rBV	569884	682162	81.45%	14.775%
162	7.278	1025	1027	1028	rVB2	1211	751	0.09%	0.016%
163	7.320	1033	1034	1035	rVB	1747	631	0.08%	0.014%
164	7.338	1035	1037	1040	rVB	1548	1769	0.21%	0.038%
165	7.374	1040	1043	1046	rBV	5093	6448	0.77%	0.140%
166	7.404	1046	1048	1049	rVB	983	654	0.08%	0.014%
167	7.422	1049	1051	1052	rVB	1047	677	0.08%	0.015%
168	7.434	1052	1053	1055	rBV	662	562	0.07%	0.012%
169	7.458	1055	1057	1058	rVB	1173	711	0.08%	0.015%
170	7.488	1058	1062	1066	rBV	1406	1490	0.18%	0.032%
171	7.525	1066	1068	1069	rBV	574	400	0.05%	0.009%
172	7.537	1069	1070	1072	rVB	1330	639	0.08%	0.014%
173	7.561	1072	1074	1075	rBV	674	406	0.05%	0.009%
174	7.573	1075	1076	1079	rVB	1321	865	0.10%	0.019%
175	7.597	1079	1080	1082	rVB	698	400	0.05%	0.009%
176	7.633	1082	1086	1087	rBV	1079	937	0.11%	0.020%
177	7.663	1090	1091	1092	rVB	997	360	0.04%	0.008%
178	7.693	1092	1096	1098	rBV	1004	1217	0.15%	0.026%
179	7.723	1098	1101	1106	rBV	2398	2534	0.30%	0.055%
180	7.759	1106	1107	1109	rBV	669	345	0.04%	0.007%
181	7.777	1109	1110	1112	rVB	704	464	0.06%	0.010%
182	7.795	1112	1113	1114	rBV	234	159	0.02%	0.003%
183	7.813	1114	1116	1117	rVB	306	152	0.02%	0.003%
184	7.825	1117	1118	1119	rVB	1423	514	0.06%	0.011%
185	7.843	1119	1121	1123	rBV	623	629	0.08%	0.014%
186	7.861	1123	1124	1129	rVB	877	940	0.11%	0.020%
187	7.922	1133	1134	1135	rVB	794	287	0.03%	0.006%
188	7.940	1135	1137	1138	rVB	392	167	0.02%	0.004%
189	7.964	1139	1141	1142	rBV	410	221	0.03%	0.005%
190	7.976	1142	1143	1144	rVB	1158	418	0.05%	0.009%
191	7.994	1144	1146	1148	rBV	763	693	0.08%	0.015%
192	8.030	1150	1152	1153	rVB	492	250	0.03%	0.005%

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Misc : A,5ML!1
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

193	8.054	1155	1156	1159	rVB	1108	642	0.08%	0.014%
194	8.084	1159	1161	1164	rVB	991	999	0.12%	0.022%
195	8.120	1166	1167	1168	rBV	744	301	0.04%	0.007%
196	8.138	1168	1170	1172	rVB	679	547	0.07%	0.012%
197	8.168	1173	1175	1176	rBV	340	164	0.02%	0.004%
198	8.210	1179	1182	1184	rBV	1354	1322	0.16%	0.029%
199	8.228	1184	1185	1190	rBV	1142	1382	0.17%	0.030%
200	8.264	1190	1191	1192	rBV	892	499	0.06%	0.011%
201	8.282	1192	1194	1195	rVB	581	291	0.03%	0.006%
202	8.325	1199	1201	1203	rVB	1746	1170	0.14%	0.025%
203	8.367	1203	1208	1211	rBV	1697	3142	0.38%	0.068%
204	8.421	1211	1217	1218	rBV	1593	1665	0.20%	0.036%
205	8.457	1221	1223	1225	rVB	1152	808	0.10%	0.018%
206	8.475	1225	1226	1228	rVB	794	431	0.05%	0.009%
207	8.493	1228	1229	1230	rBV	1270	488	0.06%	0.011%
208	8.529	1233	1235	1236	rBV	1645	1149	0.14%	0.025%
209	8.571	1241	1242	1245	rVB	1276	1130	0.13%	0.024%
210	8.607	1245	1248	1250	rBV	1485	1669	0.20%	0.036%
211	8.637	1250	1253	1255	rBV	1676	1323	0.16%	0.029%
212	8.661	1255	1257	1259	rVB2	732	551	0.07%	0.012%
213	8.715	1263	1266	1268	rBV2	857	921	0.11%	0.020%
214	8.746	1268	1271	1272	rBV	1002	693	0.08%	0.015%
215	8.764	1272	1274	1275	rVB	567	274	0.03%	0.006%
216	8.776	1275	1276	1278	rVB2	1451	753	0.09%	0.016%
217	8.800	1278	1280	1281	rBV	1634	1134	0.14%	0.025%
218	8.818	1281	1283	1286	rBV	563	629	0.08%	0.014%
219	8.842	1286	1287	1288	rVB	1467	530	0.06%	0.011%
220	8.860	1288	1290	1291	rVB	1453	747	0.09%	0.016%
221	8.872	1291	1292	1295	rBV2	955	1079	0.13%	0.023%
222	8.896	1295	1296	1298	rVB	853	544	0.06%	0.012%
223	8.926	1298	1301	1303	rBV2	1816	1544	0.18%	0.033%
224	8.950	1303	1305	1306	rVB	1510	583	0.07%	0.013%
225	8.974	1308	1309	1310	rVB	1385	500	0.06%	0.011%
226	8.998	1310	1313	1315	rBV2	1187	1198	0.14%	0.026%
227	9.028	1315	1318	1321	rBV2	885	1115	0.13%	0.024%
228	9.058	1321	1323	1324	rBV	744	637	0.08%	0.014%
229	9.076	1324	1326	1329	rVB2	1040	950	0.11%	0.021%
230	9.173	1340	1342	1343	rVB	2349	994	0.12%	0.022%
231	9.191	1343	1345	1346	rBV2	931	589	0.07%	0.013%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38408.D
Acq On : 24 Feb 2009 10:50
Operator : WP
Sample : AC42868-014
Misc : A,5ML!1
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

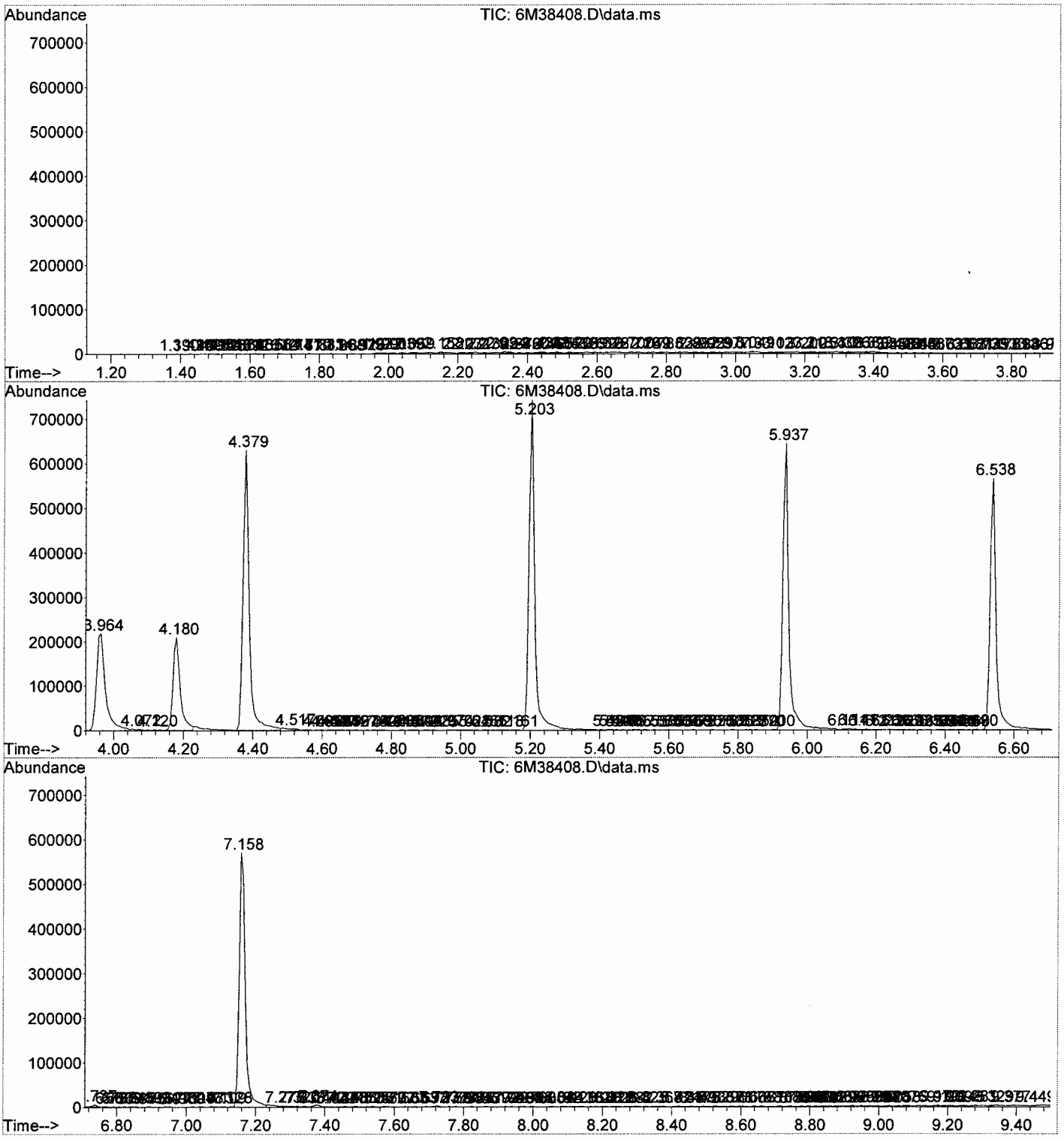
232	9.209	1346	1348	1350	rVB2	1240	1060	0.13%	0.023%
233	9.245	1352	1354	1357	rVB2	1400	1053	0.13%	0.023%
234	9.281	1359	1360	1362	rBV	1554	761	0.09%	0.016%
235	9.329	1366	1368	1369	rBV	1577	1605	0.19%	0.035%
236	9.377	1374	1376	1377	rBV	1306	693	0.08%	0.015%
237	9.449	1386	1388	1389	rBV	1018	753	0.09%	0.016%

Sum of corrected areas: 4617094

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38408.D
Acq On : 24 Feb 2009 10:50
Operator : WP
Sample : AC42868-014
Misc : A,5ML!1
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38408.D
Acq On : 24 Feb 2009 10:50
Operator : WP
Sample : AC42868-014
Misc : A,5ML!1
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					-----Internal Standard------			
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

GC/MS Volatile Data
Standards Data

Method: EPA 624

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M37645.	CAL @ 20 PPB	02/06/09 14:07	2	6M37648.	CAL @ 5 PPB	02/06/09 14:54
3	6M37646.	CAL @ 10 PPB	02/06/09 14:23	4	6M37644.	CAL @ 50 PPB	02/06/09 13:51
5	6M37643.	CAL @ 100 PPB	02/06/09 13:35	6	6M37642.	CAL @ 250 PPB	02/06/09 13:19
7	6M37641.	CAL @ 500 PPB	02/06/09 13:04	8	6M37650.	CAL @ 1 PPB	02/06/09 15:26
9	6M37651.	CAL @ 0.5 PPB	02/06/09 15:42				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.4640	0.5210	0.5060	0.5150	0.7020	0.6493	0.5927	0.5653	-----	0.564	1.28	0.996	0.999	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dichlorodifluoromethan	1	0	LinF	0.2591	0.2027	0.3146	0.3340	0.4415	0.4099	0.3856	0.2106	-----	0.320	1.27	0.998	0.999	28		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloromethane	1	0	LinF	0.2760	0.3513	0.3476	0.3560	0.4121	0.4235	0.4635	0.3321	-----	0.370	1.40	0.998	1.00	16	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromomethane	1	0	Avg	0.1295	0.1570	0.1583	0.1694	0.1735	0.1420	-----	0.1736	-----	0.158	1.70	0.991	0.999	11		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Vinyl Chloride	1	0	LinF	0.2166	0.2355	0.2747	0.2807	0.3565	0.3141	0.2983	0.2484	-----	0.278	1.47	0.998	0.999	16	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroethane	1	0	Avg	0.1202	0.1257	0.1379	0.1424	0.1607	0.1402	0.1109	0.1498	-----	0.136	1.77	0.982	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichlorofluoromethane	1	0	LinF	0.1662	0.1361	0.2105	0.2373	0.2995	0.2746	0.2883	0.0942	-----	0.213	1.95	0.999	0.999	35		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloro-1.2.2-tri	1	0	LinF	0.1082	0.0657	0.1361	0.1409	0.1794	0.1570	0.1367	-----	-----	0.132	2.30	0.992	0.999	28		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methylene Chloride	1	0	Avg	0.1463	0.1931	0.1843	0.1939	0.2035	0.1968	0.1633	0.1976	-----	0.185	2.64	0.990	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acrolein	1	0	Avg	0.0125	0.0149	0.0174	0.0165	0.0156	0.0143	0.0127	0.0141	-----	0.0148	2.23	0.995	1.00	12		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Acrylonitrile	1	0	LinF	0.0753	0.0816	0.0965	0.0859	0.0879	0.0758	0.0685	0.0244	-----	0.0745	2.81	0.995	1.00	30		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Iodomethane	1	0	Avg	0.2640	0.3150	0.3057	0.3458	0.3787	0.3515	0.2918	0.3083	-----	0.320	2.42	0.989	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acetone	1	0	LinF	0.0892	0.1230	0.1084	0.0972	0.0917	0.0807	0.0722	0.1372	-----	0.100	2.33	0.996	1.00	22		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Carbon Disulfide	1	0	LinF	0.3554	0.3611	0.4343	0.5021	0.6000	0.5675	0.5086	0.4394	-----	0.471	2.47	0.996	0.999	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butyl Alcohol	1	0	Avg	0.0231	0.0236	0.0276	0.0253	0.0244	0.0212	0.0203	-----	-----	0.0237	2.71	0.998	0.999	10		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
n-Hexane	1	0	LinF	0.1043	0.0447	0.1378	0.1489	0.1563	0.1301	0.1157	-----	-----	0.120	3.06	0.992	0.999	31		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Di-isopropyl-ether	1	0	Avg	0.8835	1.1649	1.0432	1.1513	1.2229	1.0809	0.9464	1.1946	-----	1.09	3.21	0.994	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethene	1	0	LinF	0.2624	0.2530	0.3123	0.3526	0.4094	0.3719	0.3271	0.2607	-----	0.319	2.31	0.994	1.00	18	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl Acetate	1	0	Avg	0.2723	0.3730	0.2977	0.2907	0.2768	0.2545	0.2368	0.3232	-----	0.291	2.57	0.998	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl-t-butyl ether	1	0	Avg	0.5186	0.6503	0.6332	0.6508	0.6563	0.5897	0.4870	0.5658	0.5338	0.587	2.84	0.989	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
1.1-Dichloroethane	1	0	Avg	0.3094	0.3912	0.3834	0.4262	0.4777	0.4459	0.4105	0.3593	-----	0.400	3.16	0.997	1.00	13	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.2-Dichloroether	1	0	Avg	0.1236	0.1418	0.1488	0.1580	0.1813	0.1586	0.1311	0.1436	-----	0.148	2.85	0.987	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.2-Dichloroethene	1	0	Avg	0.4254	0.5593	0.5345	0.4069	0.6304	0.5484	0.4749	0.4805	-----	0.508	3.61	0.991	0.998	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromochloromethane	1	0	Avg	0.2592	0.3401	0.3132	0.3045	0.3390	0.3209	0.2904	0.3353	-----	0.313	3.79	0.997	1.00	8.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2.2-Dichloropropane	1	0	LinF	0.2893	0.2873	0.3420	0.2770	0.4419	0.3950	0.3574	0.2788	-----	0.334	3.61	0.995	0.998	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dioxane	1	0	Avg	0.0033	0.0033	0.0039	0.0036	0.0038	0.0031	-----	-----	-----	0.00354	4.76	0.990	0.999	9.4		1000.	250.0	500.0	2500.	5000.	1250			
1.1-Dichloropropene	1	0	LinF	0.2844	0.2288	0.3370	0.3560	0.4436	0.3725	-----	0.2531	-----	0.325	4.09	0.993	0.997	23		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Chloroform	1	0	Avg	0.3869	0.4878	0.4829	0.4949	0.5715	0.5290	0.4857	0.5311	-----	0.496	3.84	0.997	1.00	11	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromofluoromethane	1	0	Avg	0.3035	0.3016	0.3027	0.3079	0.3025	0.2739	0.2730	0.2989	0.2991	0.296	3.95	-1	-1	4.4		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Cyclohexane	1	0	LinF	0.3311	0.1880	0.4244	0.4237	0.5288	0.4351	0.3894	0.2729	-----	0.374	4.02	0.993	0.999	29		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloroethane-d4	1	0	Avg	0.1905	0.1922	0.1864	0.1955	0.1839	0.1761	0.1761	0.1800	0.1834	0.185	4.17	-1	-1	3.7		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
1.2-Dichloroethane	1	0	Avg	0.3961	0.4963	0.4596	0.4585	0.4978	0.4374	0.3634	0.3531	0.4164	0.431	4.22	0.989	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
2-Butanone	1	0	LinF	0.1766	0.2407	0.2005	0.1546	0.1968	0.1669	0.1480	0.3129	-----	0.200	3.61	0.994	0.999	27		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1-Trichloroethane	1	0	LinF	0.3080	0.3046	0.3681	0.3754	0.4658	0.4312	0.3942	0.3010	-----	0.369	3.98	0.997	0.999	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Carbon Tetrachloride	1	0	LinF	0.2368	0.2047	0.2839	0.3014	0.3769	0.3249	-----	0.2205	-----	0.278	4.10	0.995	0.997	22		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Vinyl Acetate	1	0	LinF	0.1008	0.0583	0.1296	0.1261	0.1375	0.1080	0.0996	0.1137	-----	0.109	3.06	0.994	0.998	23		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromodichloromethane	1	0	Avg	0.3178	0.3607	0.3812	0.4077	0.4708	0.4298	0.3792	0.3279	-----	0.384	4.83	0.995	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylcyclohexane	1	0	Qua	0.2205	0.0834	0.2610	0.2694	0.2906	0.2080	0.1598	0.1703	-----	0.208	4.69	0.964	0.996	33		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromomethane	1	0	Avg	0.2182	0.2703	0.2504	0.2618	0.2816	0.2449	0.2027	0.1864	-----	0.240	4.76	0.988	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloropropane	1	0	Avg	0.2763	0.3380	0.3311	0.3276	0.3530	0.2975	0.2290	0.3306	-----	0.310	4.69	0.976	1.00	13	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichloroethene	1	0	Avg	0.2027	0.2353	0.2472	0.2640	0.3265	0.2732	0.2304	0.2382	-----	0.252	4.58	0.988	0.999	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 15.4
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 624

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M37645.	CAL @ 20 PPB	02/06/09 14:07	2	6M37648.	CAL @ 5 PPB	02/06/09 14:54
3	6M37646.	CAL @ 10 PPB	02/06/09 14:23	4	6M37644.	CAL @ 50 PPB	02/06/09 13:51
5	6M37643.	CAL @ 100 PPB	02/06/09 13:35	6	6M37642.	CAL @ 250 PPB	02/06/09 13:19
7	6M37641.	CAL @ 500 PPB	02/06/09 13:04	8	6M37650.	CAL @ 1 PPB	02/06/09 15:26
9	6M37651.	CAL @ 0.5 PPB	02/06/09 15:42				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	Avg	0.8377	0.9806	1.0063	1.0423	1.1723	0.9546	0.7553	1.0315	0.9598	0.971	4.22	0.980	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
tert-Amyl methyl ether	1	0	Avg	0.7299	0.9004	0.8551	0.8652	0.9466	0.8223	0.6782	0.8245	-----	0.828	4.28	0.987	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromochloromethane	1	0	LinF	0.3666	0.3652	0.4382	0.4828	0.5419	0.5248	0.4659	0.3135	-----	0.437	5.63	0.996	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chloroethylvinylether	1	0	LinF	0.2061	0.1798	0.2086	0.2662	0.2858	0.2817	0.2804	0.1064	-----	0.227	4.97	1.00	1.00	28		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.3-Dichloropropene	1	0	LinF	0.5111	0.5661	0.6135	0.6873	0.7894	0.7876	0.7297	0.3911	-----	0.635	5.06	0.998	1.00	22		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.3-Dichloroprope	1	0	LinF	0.4678	0.4822	0.5368	0.6272	0.7161	0.7240	0.6711	0.3247	-----	0.569	5.34	0.998	1.00	25		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloroethane	1	0	Avg	0.2971	0.3432	0.3411	0.3630	0.3829	0.3636	0.3203	0.2386	-----	0.331	5.43	0.995	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromoethane	1	0	LinF	0.3114	0.3420	0.3697	0.3954	0.4386	0.4296	0.4082	0.2433	-----	0.367	5.70	0.999	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichloropropane	1	0	Avg	0.1914	0.2350	0.2262	0.2288	0.2545	0.2316	0.2032	0.1936	-----	0.221	4.69	0.994	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Methyl-2-Pentanone	1	0	Avg	0.6127	0.6838	0.7167	0.7085	0.7183	0.6829	0.6563	0.7865	-----	0.696	5.12	0.999	1.00	7.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Hexanone	1	0	Avg	0.3969	0.3559	0.4669	0.4543	0.4986	0.4656	0.4466	-----	-----	0.441	5.54	0.999	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Tetrachloroethene	1	0	Avg	0.2437	0.2241	0.2950	0.3069	0.3574	0.2840	-----	0.2744	-----	0.284	5.52	0.989	0.997	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Toluene-d8	1	0	Avg	1.4034	1.4034	1.4191	1.4062	1.3895	1.4757	1.5264	1.3202	1.3483	1.41	5.20	-1	-1	4.4		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Toluene	1	0	Avg	0.7036	0.8617	0.8262	0.8731	0.9702	0.8732	0.7363	0.6448	-----	0.811	5.23	0.991	1.00	13	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.2690	0.3342	0.3397	0.3575	0.3892	0.3459	0.2794	0.3128	-----	0.328	5.98	0.985	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chlorobenzene	1	0	Avg	0.7008	0.9008	0.8983	0.8973	0.9992	0.9048	0.7529	0.8438	-----	0.862	5.95	0.989	1.00	11	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromoform	1	0	LinF	0.6325	0.6276	0.7074	0.8379	0.8908	0.9719	0.8624	0.4607	-----	0.749	6.37	0.996	0.999	23	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethylbenzene	1	0	LinF	0.5545	0.7452	0.6877	0.7321	0.8301	0.7627	-----	0.5172	-----	0.690	5.99	0.998	0.999	17	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	0.8682	0.9958	1.1123	1.0616	1.0333	1.0711	0.9441	0.9006	-----	0.998	6.59	0.996	1.00	8.7	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromofluorobenzene	1	0	Avg	1.1219	1.1034	1.1686	1.1250	1.0845	1.2394	1.2378	1.0521	1.1367	1.14	6.53	-1	-1	5.6		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Styrene	1	0	Avg	1.5925	1.9941	1.9544	1.9949	1.9397	1.7429	1.2550	1.7005	-----	1.77	6.26	0.966	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
m&p-Xylenes	1	0	Avg	0.8196	0.9279	0.9438	0.9726	0.9909	0.8528	0.6361	0.9301	-----	0.884	6.05	0.971	1.00	13		40.00	10.00	20.00	100.0	200.0	500.0	1000.	2.00	
o-Xylene	1	0	Avg	0.8778	0.9773	1.0690	1.0210	0.9981	0.8960	0.6496	1.0789	-----	0.946	6.26	0.968	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.4-Dichloro-2-bu	1	0	Avg	0.2931	0.2344	0.3401	0.3599	0.3279	0.3302	0.2750	-----	-----	0.309	6.62	0.991	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3-Dichlorobenzene	1	0	Avg	0.9842	1.2640	1.2033	1.2058	1.2499	1.1319	0.8469	1.1906	-----	1.13	7.12	0.974	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dichlorobenzene	1	0	Avg	1.1541	1.4913	1.3437	1.3410	1.3964	1.3930	1.1454	1.7945	-----	1.38	7.17	0.990	0.999	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichlorobenzene	1	0	Avg	1.1263	1.4914	1.3634	1.3654	1.3974	1.3753	1.1284	1.4035	-----	1.33	7.38	0.989	0.999	9.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Isopropylbenzene	1	0	Avg	1.7380	1.8233	2.0290	2.2176	2.4121	2.3812	1.9292	1.9658	-----	2.06	6.44	0.988	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	Avg	0.0490	0.0615	0.0664	0.0518	0.0512	0.0504	0.0508	-----	-----	0.0545	6.50	1.00	1.00	12		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
1.2.3-Trichloropropane	1	0	Avg	1.1782	1.3320	1.4113	1.3469	1.2511	1.1665	0.8998	1.4725	-----	1.26	6.62	0.980	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chlorotoluene	1	0	Avg	1.7015	1.8574	1.9850	2.0761	2.0116	1.8669	-----	1.5847	-----	1.87	6.72	0.999	1.00	9.4		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
o-Ethyltoluene	1	0	Avg	1.5783	1.8627	1.9307	2.0046	2.2211	1.9678	1.4765	1.6929	-----	1.84	6.72	0.973	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Chlorotoluene	1	0	LinF	1.5184	1.8183	1.7594	2.1256	2.0287	2.2984	-----	1.2121	-----	1.82	6.77	0.998	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
n-Propylbenzene	1	0	Avg	1.8787	2.1175	2.2719	2.3799	2.7430	2.7409	2.3370	2.1334	-----	2.33	6.66	0.993	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	Avg	1.7551	2.2224	2.1193	2.1382	2.0324	1.8967	1.4535	2.1156	-----	1.97	6.62	0.979	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3.5-Trimethylbenzene	1	0	Avg	1.4677	1.7934	1.6631	1.7589	1.9060	1.9513	-----	2.3539	-----	1.84	6.75	0.999	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
t-Butylbenzene	1	0	Avg	1.1585	1.2274	1.4333	1.4631	1.6321	1.6475	1.3838	1.1170	-----	1.38	6.93	0.992	0.999	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trimethylbenzene	1	0	Avg	1.4732	1.9728	1.8408	1.8221	2.0279	2.0151	1.6840	2.0807	-----	1.86	6.95	0.991	0.999	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	1.4149	1.2367	1.6564	1.6888	1.9241	1.9594	1.6874	1.6144	-----	1.65	7.04	0.994	0.999	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	1.1862	1.1819	1.3698	1.4129	1.4909	1.4209	1.0719	1.4218	-----	1.32	7.12	0.977	0.999	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	1.4812	1.3846	1.6917	1.7267	1.9044	1.9290	1.6001	1.5757	-----	1.66	7.34	0.991	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 15.4

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 624

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M37645.	CAL @ 20 PPB	02/06/09 14:07	2	6M37648.	CAL @ 5 PPB	02/06/09 14:54
3	6M37646.	CAL @ 10 PPB	02/06/09 14:23	4	6M37644.	CAL @ 50 PPB	02/06/09 13:51
5	6M37643.	CAL @ 100 PPB	02/06/09 13:35	6	6M37642.	CAL @ 250 PPB	02/06/09 13:19
7	6M37641.	CAL @ 500 PPB	02/06/09 13:04	8	6M37650.	CAL @ 1 PPB	02/06/09 15:26
9	6M37651.	CAL @ 0.5 PPB	02/06/09 15:42				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	Avg	0.7461	0.7088	0.8234	0.8900	0.9914	0.9847	0.8101	0.7350	-----	0.836	7.33	0.989	0.999	13	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4.5-Tetramethylber	1	0	Avg	1.4855	1.5640	1.6060	1.6798	1.8106	1.8516	1.4560	1.8198	-----	1.66	7.77	0.984	0.999	9.4	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromo-3-Chloropr	1	0	LinF	0.2225	0.2132	0.2698	0.2647	0.2708	0.2953	0.2836	0.1602	-----	0.248	7.81	0.999	1.00	18	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Hexachlorobutadiene	1	0	Qua	1.3136	0.5616	1.4896	0.9467	0.7262	0.6269	0.5028	0.8089	-----	0.872	8.38	0.982	0.997	41	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trichlorobenzene	1	0	Avg	0.7613	0.8913	0.8400	0.8585	0.9147	0.9519	0.7474	0.8139	-----	0.847	8.29	0.984	0.998	8.5	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.3-Trichlorobenzene	1	0	Avg	0.8207	0.8934	0.8745	0.8506	0.9501	0.9627	0.7408	0.8089	-----	0.863	8.57	0.981	0.998	8.6	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Naphthalene	1	0	Avg	2.0491	2.3507	2.3497	2.2422	2.3422	2.3275	1.9422	2.2861	-----	2.24	8.43	0.991	0.999	7.0	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 15.4
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37645.D Sam Mult : 1 Vial# : 7 Qt On : 02/06/09 15:58
Acq On : 02/ 6/09 14:07 Misc : A,5ML Qt Upd On: 02/06/09 15:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.379	96	282891	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.931	117	186831	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	90968	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	85877	30.89	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.97%			
32) 1,2-Dichloroethane-d4	4.174	67	53891	30.86	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.87%			
56) Toluene-d8	5.197	98	262208	29.57	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.57%			
64) Bromofluorobenzene	6.532	174	102059	29.28	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.60%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.280	51	87507	14.92	ug/l	64
3) Dichlorodifluoromethane	1.268	85	48872	13.11	ug/l	91
4) Chloromethane	1.395	50	52053	13.90	ug/l	94
5) Bromomethane	1.695	94	24439	16.03	ug/l	95
6) Vinyl Chloride	1.470	62	40850	13.66	ug/l	95
7) Chloroethane	1.764	64	22680	16.27	ug/l	91
8) Trichlorofluoromethane	1.948	101	31360	12.29	ug/l	92
9) 1,1,2-Trichloro-1,2,2-...	2.304	101	20413	13.60	ug/l	95
10) Methylene Chloride	2.640	84	27594	13.68	ug/l	96
11) Acrolein	2.231	56	11809	80.78	ug/l	88
12) Acrylonitrile	2.815	53	14202	18.09	ug/l	85
13) Iodomethane	2.418	142	49794	14.72	ug/l	98
14) Acetone	2.328	43	84172	32.79	ug/l	97
15) Carbon Disulfide	2.478	76	67033	12.77	ug/l	100
16) t-Butyl Alcohol	2.713	59	21821	97.82	ug/l	93
17) n-Hexane	3.055	57	19672	14.37	ug/l	91
18) Di-isopropyl-ether	3.212	45	166629	15.34	ug/l	96
19) 1,1-Dichloroethene	2.310	61	49499	13.89	ug/l	93
20) Methyl Acetate	2.568	43	51371	19.88	ug/l	100
21) Methyl-t-butyl ether	2.845	73	97809	16.40	ug/l	88
22) 1,1-Dichloroethane	3.158	63	58352	13.75	ug/l	100
23) trans-1,2-Dichloroethene	2.851	96	23323	14.90	ug/l	72
24) cis-1,2-Dichloroethene	3.615	61	80242	16.10	ug/l	96
25) Bromochloromethane	3.795	49	48895	16.13	ug/l	63
26) 2,2-Dichloropropane	3.609	77	54570	15.58	ug/l	95
27) 1,4-Dioxane	4.764	88	31543	1039.64	ug/l	67
28) 1,1-Dichloropropene	4.090	75	53642	14.56	ug/l	96
29) Chloroform	3.843	83	72968	14.55	ug/l	93
31) Cyclohexane	4.024	56	62449	14.32	ug/l	79
33) 1,2-Dichloroethane	4.222	62	74713	17.05	ug/l	91
34) 2-Butanone	3.615	43	33309	20.71	ug/l	86
35) 1,1,1-Trichloroethane	3.982	97	58097	14.52	ug/l	95
36) Carbon Tetrachloride	4.096	117	44674	14.17	ug/l	84
37) Vinyl Acetate	3.055	43	19011	16.27	ug/l	100
38) Bromodichloromethane	4.830	83	59952	14.58	ug/l	96
39) Methylcyclohexane	4.685	83	41587	19.95	ug/l	84
40) Dibromomethane	4.758	174	41167	16.61	ug/l	94
41) 1,2-Dichloropropane	4.691	63	52111	16.95	ug/l	99
42) Trichloroethene	4.583	130	38241	14.08	ug/l	94
43) Benzene	4.216	78	158001	15.86	ug/l	100
44) tert-Amyl methyl ether	4.276	73	137671	16.63	ug/l	96
46) Dibromochloromethane	5.630	129	45662	14.20	ug/l	91
47) 2-Chloroethylvinylether	4.980	63	25675	14.63	ug/l	79
48) cis-1,3-Dichloropropene	5.058	75	63667	13.54	ug/l	89
49) trans-1,3-Dichloropropene	5.335	75	58266	13.58	ug/l	99
50) 1,1,2-Trichloroethane	5.425	97	37012	16.07	ug/l	89
51) 1,2-Dibromoethane	5.702	107	38787	14.79	ug/l	85
52) 1,3-Dichloropropane	4.691	76	23843	16.06	ug/l	95
53) 4-Methyl-2-Pentanone	5.125	43	76316	17.80	ug/l	97
54) 2-Hexanone	5.546	43	49440	16.90	ug/l	92
55) Tetrachloroethene	5.516	164	30362	16.55	ug/l	97
57) Toluene	5.233	92	87640	15.54	ug/l	85
58) 1,1,1,2-Tetrachloroethane	5.979	133	33507	14.77	ug/l	70
59) Chlorobenzene	5.949	112	87298	15.01	ug/l	94
61) Bromoform	6.370	173	38361	14.05	ug/l	97
62) Ethylbenzene	5.991	106	33632	14.31	ug/l	97
63) 1,1,2,2-Tetrachloroethane	6.586	83	52656	16.45	ug/l	94
65) Styrene	6.261	104	96580	17.92	ug/l	87
66) m&p-Xylenes	6.051	106	99419	34.93	ug/l	97

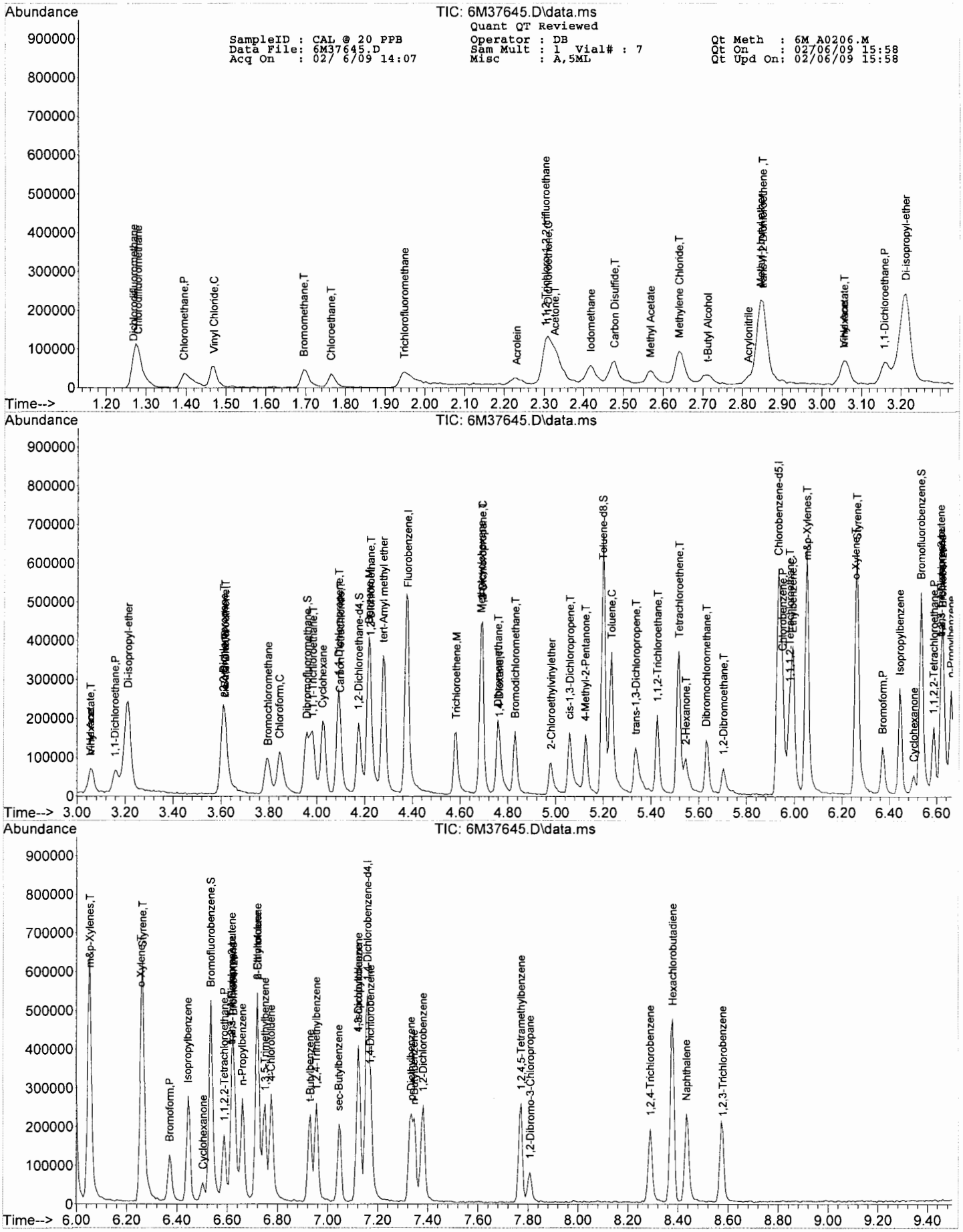
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37645.D Sam Mult : 1 Vial# : 7 Qt On : 02/06/09 15:58
Acq On : 02/ 6/09 14:07 Misc : A,5ML Qt Upd On: 02/06/09 15:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.255	106	53236	18.07 ug/l	99
68) trans-1,4-Dichloro-2-b...	6.616	53	17780	17.28 ug/l	41
69) 1,3-Dichlorobenzene	7.122	146	59691	16.46 ug/l	92
70) 1,4-Dichlorobenzene	7.170	146	69993	16.77 ug/l	91
71) 1,2-Dichlorobenzene	7.380	146	68308	16.33 ug/l	92
72) Isopropylbenzene	6.442	105	105403	14.87 ug/l	96
73) Cyclohexanone	6.502	55	14876	96.98 ug/l	45
74) 1,2,3-Trichloropropane	6.616	75	71453	18.78 ug/l	82
75) 2-Chlorotoluene	6.719	91	103188	17.97 ug/l	93
76) p-Ethyltoluene	6.719	105	95719	15.76 ug/l	82
77) 4-Chlorotoluene	6.773	91	92084	13.46 ug/l	97
78) n-Propylbenzene	6.658	91	113938	14.33 ug/l	98
79) Bromobenzene	6.622	77	106444	18.26 ug/l	90
80) 1,3,5-Trimethylbenzene	6.749	105	89010	14.22 ug/l	92
81) t-Butylbenzene	6.929	119	70260	14.13 ug/l	91
82) 1,2,4-Trimethylbenzene	6.953	105	89345	15.07 ug/l	90
83) sec-Butylbenzene	7.043	105	85809	15.23 ug/l	97
84) 4-Isopropyltoluene	7.122	119	71942	16.46 ug/l	98
85) n-Butylbenzene	7.344	91	89830	15.98 ug/l	81
86) p-Diethylbenzene	7.332	119	45252	15.62 ug/l	90
87) 1,2,4,5-Tetramethylben...	7.771	119	90093	16.14 ug/l	89
88) 1,2-Dibromo-3-Chloropr...	7.807	157	13499	16.07 ug/l	73
89) Hexachlorobutadiene	8.379	225	79666	40.37 ug/l	94
90) 1,2,4-Trichlorobenzene	8.288	180	46175	16.76 ug/l	95
91) 1,2,3-Trichlorobenzene	8.577	180	49776	17.82 ug/l	95
92) Naphthalene	8.433	128	124270	17.61 ug/l	100

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


Abundance
TIC: 6M37645.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M37645.D
Acq On : 02/ 6/09 14:07
Operator : DB
Sam Mult : 1 Vial# : 7
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02706/09 15:58
Qt Upd On: 02/06/09 15:58
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,I
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
1,1-Dichloroethane,P
Di-isopropyl-ether
Time-->

Abundance
TIC: 6M37645.D\data.ms
1,1-Dichloroethane,P
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
o-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
Time-->

Abundance
TIC: 6M37645.D\data.ms
m&p-Xylenes,T
o-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB
Data File: 6M37648.D
Acq On : 02/ 6/09 14:54

Operator : DB
Sam Mult : 1 Vial# : 10
Misc : A,5ML

Qt Meth : 6M_A0206.M
Qt On : 02/06/09 16:01
Qt Upd On: 02/06/09 15:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.379	96	285900	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.937	117	193391	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	96855	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	86245	30.70	ug/l	0.00
Spiked Amount 30.000			Recovery =	102.33%		
32) 1,2-Dichloroethane-d4	4.175	67	54955	31.14	ug/l	0.00
Spiked Amount 30.000			Recovery =	103.80%		
56) Toluene-d8	5.204	98	271405	29.57	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.57%		
64) Bromofluorobenzene	6.539	174	106871	28.79	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.97%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.281	51	24830m	4.19	ug/l	
3) Dichlorodifluoromethane	1.270	85	9663	2.57	ug/l	96
4) Chloromethane	1.402	50	16742	4.42	ug/l	100
5) Bromomethane	1.696	94	7485	4.86	ug/l	81
6) Vinyl Chloride	1.471	62	11224	3.71	ug/l	91
7) Chloroethane	1.765	64	5993	4.25	ug/l	69
8) Trichlorofluoromethane	1.950	101	6489	2.52	ug/l	88
9) 1,1,2-Trichloro-1,2,2-...	2.304	101	3134	2.07	ug/l	91
10) Methylene Chloride	2.641	84	9202	3.69	ug/l	92
11) Acrolein	2.226	56	3549	24.02	ug/l	82
12) Acrylonitrile	2.822	53	3891	4.91	ug/l	80
13) Iodomethane	2.425	142	15012	4.39	ug/l	96
15) Carbon Disulfide	2.479	76	17210	3.24	ug/l	100
16) t-Butyl Alcohol	2.713	59	5644	25.04	ug/l	76
17) n-Hexane	3.062	57	2134	1.54	ug/l	77
18) Di-isopropyl-ether	3.213	45	55509	5.06	ug/l	96
19) 1,1-Dichloroethene	2.310	61	12059	3.35	ug/l	91
20) Methyl Acetate	2.569	43	17774	6.81	ug/l	100
21) Methyl-t-butyl ether	2.852	73	30988	5.14	ug/l	72
22) 1,1-Dichloroethane	3.158	63	18643	4.35	ug/l	92
23) trans-1,2-Dichloroethene	2.858	96	6759	4.27	ug/l	93
24) cis-1,2-Dichloroethene	3.616	61	26653	5.29	ug/l	98
25) Bromochloromethane	3.796	49	16209	5.29	ug/l	72
26) 2,2-Dichloropropane	3.616	77	13694	3.87	ug/l	95
27) 1,4-Dioxane	4.764	88	8007	261.13	ug/l	80
28) 1,1-Dichloropropene	4.091	75	10904	2.93	ug/l	95
29) Chloroform	3.850	83	23247	4.59	ug/l	93
31) Cyclohexane	4.031	56	8959	2.03	ug/l	78
33) 1,2-Dichloroethane	4.223	62	23649	5.34	ug/l	79
34) 2-Butanone	3.628	43	11470	7.06	ug/l	92
35) 1,1,1-Trichloroethane	3.982	97	14517	3.59	ug/l	98
36) Carbon Tetrachloride	4.097	117	9754	3.06	ug/l	87
37) Vinyl Acetate	3.062	43	2781	2.35	ug/l	100
38) Bromodichloromethane	4.831	83	17191	4.14	ug/l	99
39) Methylcyclohexane	4.692	83	3977	1.89	ug/l	76
40) Dibromomethane	4.764	174	12880	5.14	ug/l	81
41) 1,2-Dichloropropane	4.692	63	16108	5.18	ug/l	87
42) Trichloroethene	4.584	130	11215	4.09	ug/l	93
43) Benzene	4.223	78	46728	4.64	ug/l	100
44) tert-Amyl methyl ether	4.283	73	42907	5.13	ug/l	96
46) Dibromochloromethane	5.637	129	11772	3.54	ug/l	96
47) 2-Chloroethylvinylether	4.987	63	5798	3.19	ug/l	64
48) cis-1,3-Dichloropropene	5.065	75	18247	3.75	ug/l	83
49) trans-1,3-Dichloropropene	5.342	75	15545	3.50	ug/l	96
50) 1,1,2-Trichloroethane	5.432	97	11063	4.64	ug/l	90
51) 1,2-Dibromoethane	5.709	107	11026	4.06	ug/l	86
52) 1,3-Dichloropropane	4.698	76	7575	4.93	ug/l	96
53) 4-Methyl-2-Pentanone	5.125	43	22043	4.97	ug/l	81
54) 2-Hexanone	5.552	43	11472	3.79	ug/l	95
55) Tetrachloroethene	5.522	164	7223	3.80	ug/l	91
57) Toluene	5.240	92	27775	4.76	ug/l	99
58) 1,1,1,2-Tetrachloroethane	5.985	133	10774	4.59	ug/l	70
59) Chlorobenzene	5.949	112	29036	4.82	ug/l	90
61) Bromoform	6.376	173	10132	3.49	ug/l	89
62) Ethylbenzene	5.998	106	12030	4.81	ug/l	70
63) 1,1,2,2-Tetrachloroethane	6.587	83	16076	4.72	ug/l	93
65) Styrene	6.268	104	32191	5.61	ug/l	97
66) m&p-Xylenes	6.058	106	29958	9.88	ug/l	82
67) o-Xylene	6.262	106	15776	5.03	ug/l	91

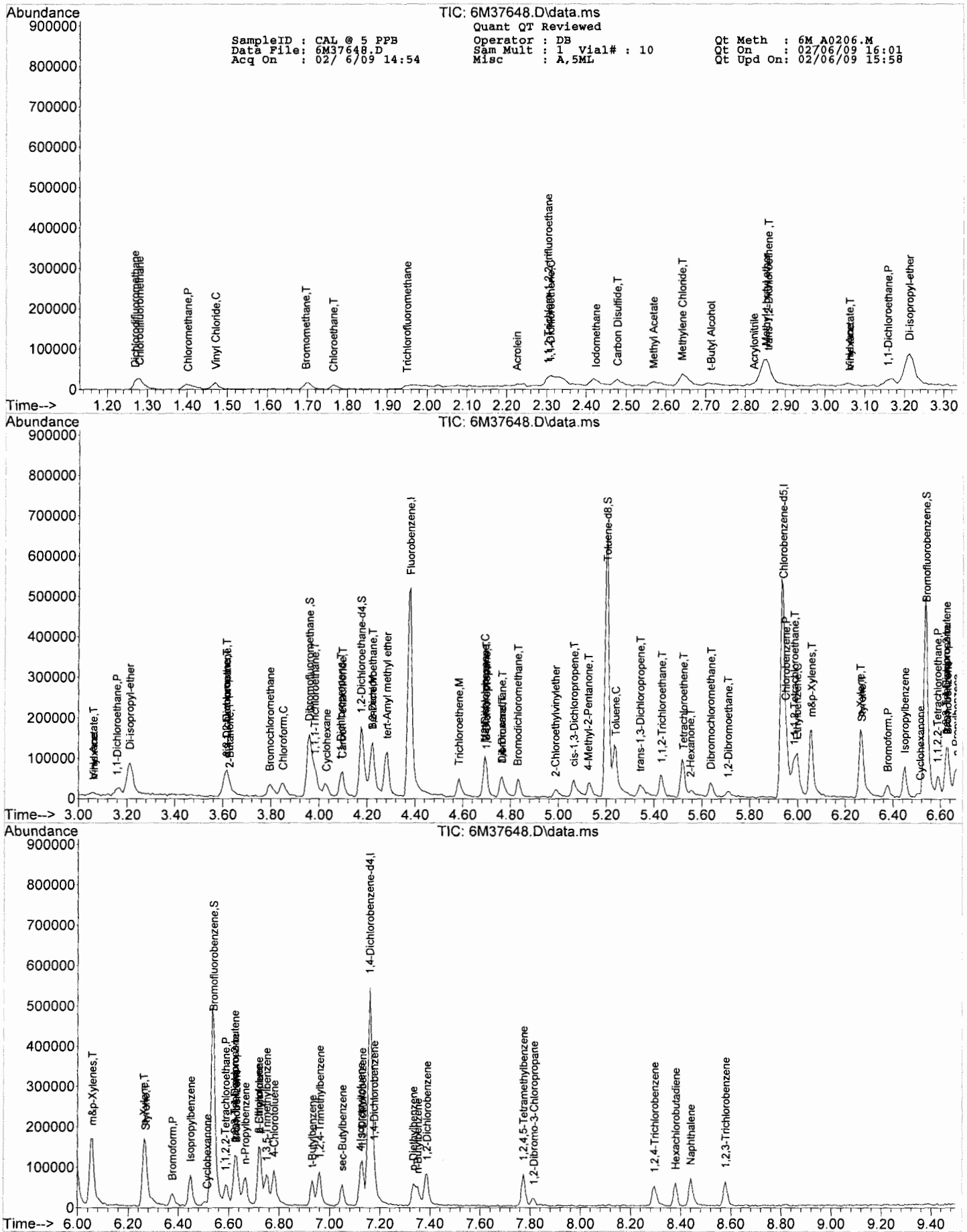
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37648.D Sam Mult : 1 Vial# : 10 Qt On : 02/06/09 16:01
Acq On : 02/ 6/09 14:54 Misc : A,5ML Qt Upd On: 02/06/09 15:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	6.623	53	3784	3.45	ug/l	90
69) 1,3-Dichlorobenzene	7.128	146	20405	5.28	ug/l	88
70) 1,4-Dichlorobenzene	7.176	146	24074	5.42	ug/l	87
71) 1,2-Dichlorobenzene	7.387	146	24076	5.41	ug/l	92
72) Isopropylbenzene	6.449	105	29433	3.90	ug/l	92
73) Cyclohexanone	6.515	55	4969	30.42	ug/l	56
74) 1,2,3-Trichloropropane	6.623	75	21502	5.31	ug/l	83
75) 2-Chlorotoluene	6.719	91	29984	4.91	ug/l	95
76) p-Ethyltoluene	6.719	105	30069	4.65	ug/l	80
77) 4-Chlorotoluene	6.779	91	29352	4.03	ug/l	91
78) n-Propylbenzene	6.665	91	34182	4.04	ug/l	100
79) Bromobenzene	6.629	77	35876	5.78	ug/l	88
80) 1,3,5-Trimethylbenzene	6.749	105	28951	4.34	ug/l	89
81) t-Butylbenzene	6.930	119	19814	3.74	ug/l	100
82) 1,2,4-Trimethylbenzene	6.960	105	31847	5.05	ug/l	95
83) sec-Butylbenzene	7.050	105	19964	3.33	ug/l	100
84) 4-Isopropyltoluene	7.122	119	19079	4.10	ug/l	95
85) n-Butylbenzene	7.351	91	22352	3.74	ug/l	81
86) p-Diethylbenzene	7.333	119	11443	3.71	ug/l	88
87) 1,2,4,5-Tetramethylben...	7.772	119	25248	4.25	ug/l	90
88) 1,2-Dibromo-3-Chloropr...	7.814	157	3442	3.85	ug/l	79
89) Hexachlorobutadiene	8.379	225	9067	4.32	ug/l	93
90) 1,2,4-Trichlorobenzene	8.295	180	14389	4.91	ug/l	93
91) 1,2,3-Trichlorobenzene	8.578	180	14423	4.85	ug/l	90
92) Naphthalene	8.440	128	37947	5.05	ug/l	100

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


TIC: 6M37648.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 6M37648.D
Acq On : 02/ 6/09 14:54
Operator : DB
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 6M A0206.M
Qt On : 02/06/09 16:01
Qt Upd On: 02/06/09 15:58
Abundance
Time-->

Quantitation Report (Not Reviewed)

SampleID : CAL @ 10 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37646.D Sam Mult : 1 Vial# : 8 Qt On : 02/06/09 16:00
Acq On : 02/ 6/09 14:23 Misc : A,5ML Qt Upd On: 02/06/09 15:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.379	96	281570	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.937	117	181324	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.164	152	89268	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	85236	30.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.70%			
32) 1,2-Dichloroethane-d4	4.180	67	52499	30.20	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.67%			
56) Toluene-d8	5.203	98	257330	29.90	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.67%			
64) Bromofluorobenzene	6.538	174	104325	30.50	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.67%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.281	51	47492	8.13	ug/l	70
3) Dichlorodifluoromethane	1.269	85	29535	7.96	ug/l	92
4) Chloromethane	1.396	50	32627	8.75	ug/l	97
5) Bromomethane	1.696	94	14859	9.79	ug/l	95
6) Vinyl Chloride	1.465	62	25786	8.66	ug/l	97
7) Chloroethane	1.765	64	12949	9.33	ug/l	99
8) Trichlorofluoromethane	1.949	101	19763	7.78	ug/l	82
9) 1,1,2-Trichloro-1,2,2-...	2.310	101	12778	8.56	ug/l	98
10) Methylene Chloride	2.647	84	17302	8.16	ug/l	72
11) Acrolein	2.226	56	8171	56.16	ug/l	100
12) Acrylonitrile	2.827	53	9058	11.59	ug/l	100
13) Iodomethane	2.418	142	28693	8.52	ug/l	99
15) Carbon Disulfide	2.478	76	40767	7.80	ug/l	100
16) t-Butyl Alcohol	2.707	59	12952	58.34	ug/l	86
17) n-Hexane	3.062	57	12938	9.50	ug/l	98
18) Di-isopropyl-ether	3.212	45	97911	9.06	ug/l	98
19) 1,1-Dichloroethene	2.310	61	29311	8.26	ug/l	93
20) Methyl Acetate	2.574	43	27942	10.86	ug/l	100
21) Methyl-t-butyl ether	2.851	73	59433	10.01	ug/l	87
22) 1,1-Dichloroethane	3.164	63	35985	8.52	ug/l	93
23) trans-1,2-Dichloroethene	2.857	96	13973	8.97	ug/l	83
24) cis-1,2-Dichloroethene	3.615	61	50173	10.11	ug/l	96
25) Bromochloromethane	3.795	49	29402	9.74	ug/l	60
26) 2,2-Dichloropropane	3.615	77	32107	9.21	ug/l	92
27) 1,4-Dioxane	4.770	88	18550	614.27	ug/l	70
28) 1,1-Dichloropropene	4.096	75	31632	8.63	ug/l	98
29) Chloroform	3.856	83	45329	9.08	ug/l	72
31) Cyclohexane	4.030	56	39841	9.18	ug/l	76
33) 1,2-Dichloroethane	4.229	62	43137	9.89	ug/l	94
34) 2-Butanone	3.621	43	18827	11.76	ug/l	86
35) 1,1,1-Trichloroethane	3.982	97	34556	8.68	ug/l	92
36) Carbon Tetrachloride	4.096	117	26654	8.49	ug/l	86
37) Vinyl Acetate	3.062	43	12166	10.46	ug/l	100
38) Bromodichloromethane	4.836	83	35787	8.74	ug/l	87
39) Methylcyclohexane	4.692	83	24505	11.81	ug/l	74
40) Dibromomethane	4.764	174	23508	9.53	ug/l	90
41) 1,2-Dichloropropane	4.698	63	31082	10.15	ug/l	96
42) Trichloroethene	4.583	130	23205	8.59	ug/l	89
43) Benzene	4.223	78	94454	9.53	ug/l	100
44) tert-Amyl methyl ether	4.283	73	80261	9.74	ug/l	93
46) Dibromochloromethane	5.642	129	26488	8.48	ug/l	98
47) 2-Chloroethylvinylether	4.986	63	12609	7.40	ug/l	69
48) cis-1,3-Dichloropropene	5.065	75	37086	8.13	ug/l	86
49) trans-1,3-Dichloropropene	5.341	75	32445	7.79	ug/l	89
50) 1,1,2-Trichloroethane	5.432	97	20619	9.22	ug/l	92
51) 1,2-Dibromoethane	5.714	107	22345	8.78	ug/l	90
52) 1,3-Dichloropropane	4.698	76	13673	9.49	ug/l	90
53) 4-Methyl-2-Pentanone	5.131	43	43322	10.41	ug/l	99
54) 2-Hexanone	5.552	43	28225	9.94	ug/l	92
55) Tetrachloroethene	5.522	164	17834	10.02	ug/l	92
57) Toluene	5.239	92	49940	9.12	ug/l	91
58) 1,1,1,2-Tetrachloroethane	5.985	133	20535	9.33	ug/l	88
59) Chlorobenzene	5.955	112	54300	9.62	ug/l	96
61) Bromoform	6.376	173	21052	7.86	ug/l	90
62) Ethylbenzene	6.003	106	20464	8.87	ug/l	95
63) 1,1,2,2-Tetrachloroethane	6.592	83	33100	10.54	ug/l	90
65) Styrene	6.274	104	58155	10.99	ug/l	100
66) m&p-Xylenes	6.057	106	56170	20.11	ug/l	91
67) o-Xylene	6.268	106	31811	11.00	ug/l	91

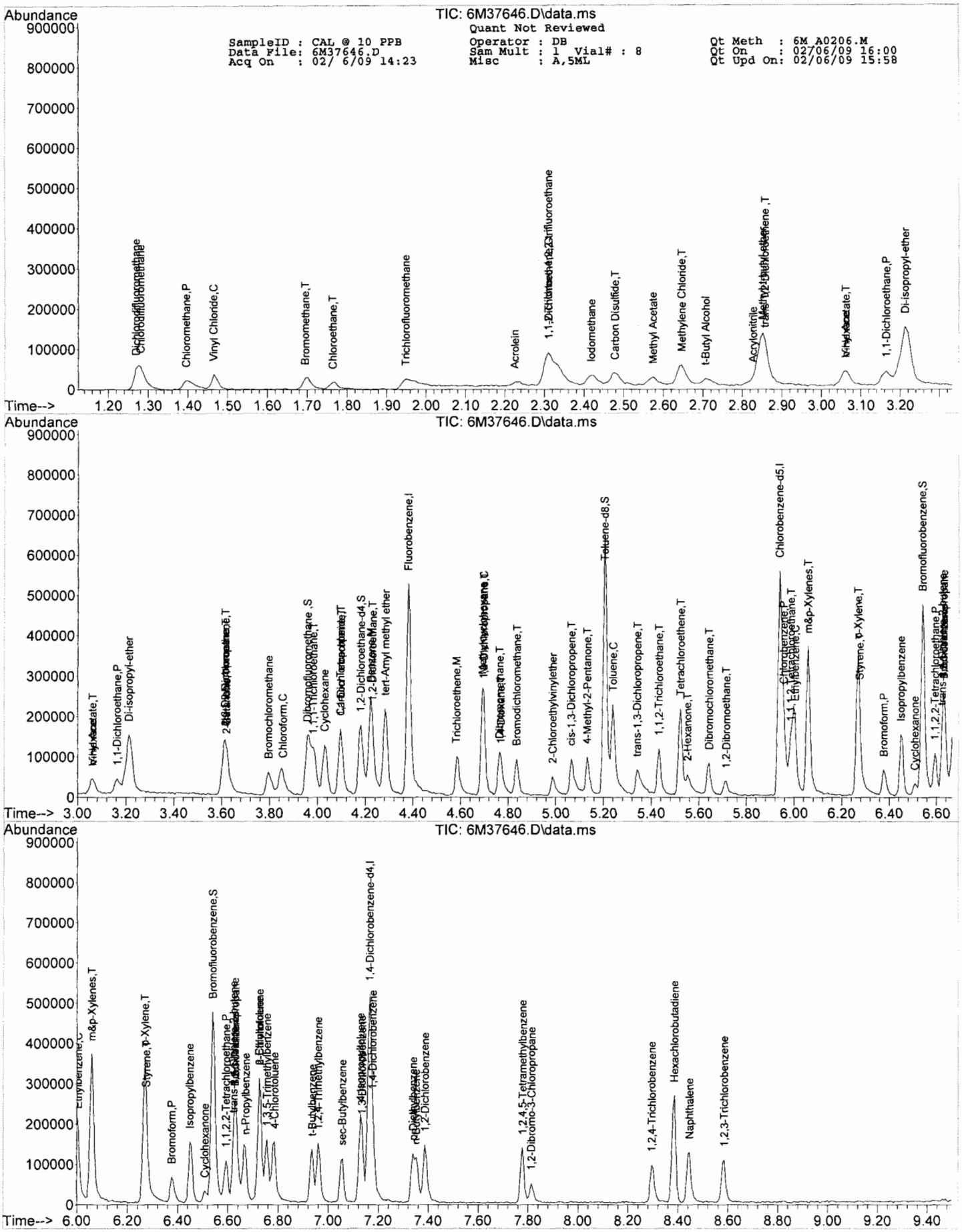
Quantitation Report (Not Reviewed)

SampleID : CAL @ 10 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37646.D Sam Mult : 1 Vial# : 8 Qt On : 02/06/09 16:00
Acq On : 02/ 6/09 14:23 Misc : A,5ML Qt Upd On: 02/06/09 15:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	6.623	53	10120	10.02 ug/l	44
69) 1,3-Dichlorobenzene	7.134	146	35806	10.06 ug/l	90
70) 1,4-Dichlorobenzene	7.176	146	39983	9.76 ug/l	93
71) 1,2-Dichlorobenzene	7.386	146	40572	9.88 ug/l	91
72) Isopropylbenzene	6.448	105	60377	8.68 ug/l	93
73) Cyclohexanone	6.508	55	9888	65.69 ug/l	54
74) 1,2,3-Trichloropropane	6.629	75	41995	11.25 ug/l	81
75) 2-Chlorotoluene	6.725	91	59067	10.48 ug/l	98
76) p-Ethyltoluene	6.725	105	57452	9.64 ug/l	84
77) 4-Chlorotoluene	6.785	91	52355	7.80 ug/l	95
78) n-Propylbenzene	6.671	91	67605	8.67 ug/l	100
79) Bromobenzene	6.629	77	63063	11.02 ug/l	89
80) 1,3,5-Trimethylbenzene	6.755	105	49490	8.06 ug/l	90
81) t-Butylbenzene	6.935	119	42651	8.74 ug/l	87
82) 1,2,4-Trimethylbenzene	6.959	105	54775	9.42 ug/l	94
83) sec-Butylbenzene	7.056	105	49289	8.92 ug/l	99
84) 4-Isopropyltoluene	7.128	119	40760	9.50 ug/l	97
85) n-Butylbenzene	7.350	91	50339	9.13 ug/l	81
86) p-Diethylbenzene	7.338	119	24502	8.62 ug/l	92
87) 1,2,4,5-Tetramethylben...	7.777	119	47788	8.73 ug/l	90
88) 1,2-Dibromo-3-Chloropr...	7.814	157	8030	9.74 ug/l	75
89) Hexachlorobutadiene	8.385	225	44327	22.89 ug/l	93
90) 1,2,4-Trichlorobenzene	8.295	180	24997	9.25 ug/l	93
91) 1,2,3-Trichlorobenzene	8.583	180	26023	9.49 ug/l	93
92) Naphthalene	8.445	128	69920	10.10 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : CAL @ 10 PPB
Data File: 6M37646.D
Acq On : 02/ 6/09 14:23
Operator : DB
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02/06/09 16:00
Qt Upd On: 02/06/09 15:58
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
1,1-Dichloroethane,P
Di-isopropyl-ether
TIC: 6M37646.D\data.ms
Abundance
Time-->
1,1-Dichloroethane,P
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
1,1,1,2-Tetrachloroethane,T
Ethylbenzene,C
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
TIC: 6M37646.D\data.ms
Abundance
Time-->
Chlorobenzene,C
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37644.D Sam Mult : 1 Vial# : 6 Qt On : 02/06/09 14:13
Acq On : 02/ 6/09 13:51 Misc : A,5ML Qt Upd On: 02/06/09 14:13

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.373	96	281412	30.00	ug/l		0.00
45) Chlorobenzene-d5	5.931	117	184275	30.00	ug/l		0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	90195	30.00	ug/l		0.00
System Monitoring Compounds							
30) Dibromofluoromethane	3.952	111	86647	32.45	ug/l		0.00
Spiked Amount 30.000			Recovery = 108.17%				
32) 1,2-Dichloroethane-d4	4.174	67	55037	30.99	ug/l		0.00
Spiked Amount 30.000			Recovery = 103.30%				
56) Toluene-d8	5.197	98	259134	30.62	ug/l		0.00
Spiked Amount 30.000			Recovery = 102.07%				
64) Bromofluorobenzene	6.532	174	101473	34.99	ug/l		0.00
Spiked Amount 30.000			Recovery = 116.63%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.281	51	241555	55.12	ug/l		73
3) Dichlorodifluoromethane	1.270	85	156669	76.40	ug/l		82
4) Chloromethane	1.396	50	167003	79.28	ug/l		100
5) Bromomethane	1.696	94	79484	61.85	ug/l		91
6) Vinyl Chloride	1.466	62	131674	64.44	ug/l		94
7) Chloroethane	1.765	64	66810	54.32	ug/l		95
8) Trichlorofluoromethane	1.950	101	111320	35.21	ug/l		87
9) 1,1,2-Trichloro-1,2,2-...	2.304	101	66097	42.65	ug/l		97
10) Methylene Chloride	2.640	84	90949	44.59	ug/l		72
11) Acrolein	2.225	56	38762	211.55	ug/l		96
12) Acrylonitrile	2.809	53	40289	49.10	ug/l		96
13) Iodomethane	2.418	142	162212	46.91	ug/l		97
14) Acetone	2.328	43	228048	236.29	ug/l		99
15) Carbon Disulfide	2.472	76	235522	43.22	ug/l		100
16) t-Butyl Alcohol	2.713	59	59477	216.86	ug/l		77
17) n-Hexane	3.061	57	69874	63.54	ug/l	#	86
18) Di-isopropyl-ether	3.206	45	540027	64.10	ug/l		96
19) 1,1-Dichloroethene	2.310	61	165379	45.74	ug/l		93
20) Methyl Acetate	2.568	43	136362	56.89	ug/l		100
21) Methyl-t-butyl ether	2.845	73	305282	53.17	ug/l		88
22) 1,1-Dichloroethane	3.164	63	199928	45.29	ug/l		98
23) trans-1,2-Dichloroethene	2.851	96	74114	41.49	ug/l		72
24) cis-1,2-Dichloroethene	3.609	61	190852	46.89	ug/l		99
25) Bromochloromethane	3.789	49	142842	68.50	ug/l		60
26) 2,2-Dichloropropane	3.609	77	129942	39.69	ug/l		94
27) 1,4-Dioxane	4.758	88	85409	2249.78	ug/l		51
28) 1,1-Dichloropropene	4.090	75	166974	55.41	ug/l		98
29) Chloroform	3.843	83	232148	52.36	ug/l		91
31) Cyclohexane	4.024	56	198761	73.57	ug/l		77
33) 1,2-Dichloroethane	4.216	62	215060	51.14	ug/l		95
34) 2-Butanone	3.615	43	72530	50.79	ug/l		97
35) 1,1,1-Trichloroethane	3.982	97	176087	51.11	ug/l		96
36) Carbon Tetrachloride	4.096	117	141387	49.98	ug/l		98
37) Vinyl Acetate	3.055	43	59181	7.10	ug/l		100
38) Bromodichloromethane	4.830	83	191253	40.34	ug/l		93
39) Methylcyclohexane	4.686	83	126356	51.45	ug/l		84
40) Dibromomethane	4.758	174	122815	42.06	ug/l		94
41) 1,2-Dichloropropane	4.692	63	153694	46.42	ug/l		97
42) Trichloroethene	4.577	130	123859	43.21	ug/l		97
43) Benzene	4.216	78	488888	52.68	ug/l		100
44) tert-Amyl methyl ether	4.276	73	405824	62.82	ug/l		97
46) Dibromochloromethane	5.630	129	148283	44.77	ug/l		95
47) 2-Chloroethylvinylether	4.974	63	81770	56.92	ug/l		78
48) cis-1,3-Dichloropropene	5.058	75	211100	57.34	ug/l		92
49) trans-1,3-Dichloropropene	5.335	75	192654	53.08	ug/l		99
50) 1,1,2-Trichloroethane	5.425	97	111500	46.94	ug/l		90
51) 1,2-Dibromoethane	5.696	107	121461	44.84	ug/l		88
52) 1,3-Dichloropropane	4.692	76	70288	55.84	ug/l		98
53) 4-Methyl-2-Pentanone	5.125	43	217616	76.25	ug/l		99
54) 2-Hexanone	5.540	43	139548	63.66	ug/l		92
55) Tetrachloroethene	5.516	164	94278	55.35	ug/l		96
57) Toluene	5.233	92	268169	46.42	ug/l		99
58) 1,1,1,2-Tetrachloroethane	5.979	133	109811	43.88	ug/l		76
59) Chlorobenzene	5.949	112	275590	46.13	ug/l		100
61) Bromoform	6.370	173	125966	49.68	ug/l		93
62) Ethylbenzene	5.991	106	110064	63.74	ug/l		100
63) 1,1,2,2-Tetrachloroethane	6.586	83	159587	51.01	ug/l		91
65) Styrene	6.261	104	299887	59.79	ug/l		93
66) m&p-Xylenes	6.051	106	292422	112.23	ug/l		95

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 6M37644.D
Acq On : 02/ 6/09 13:51

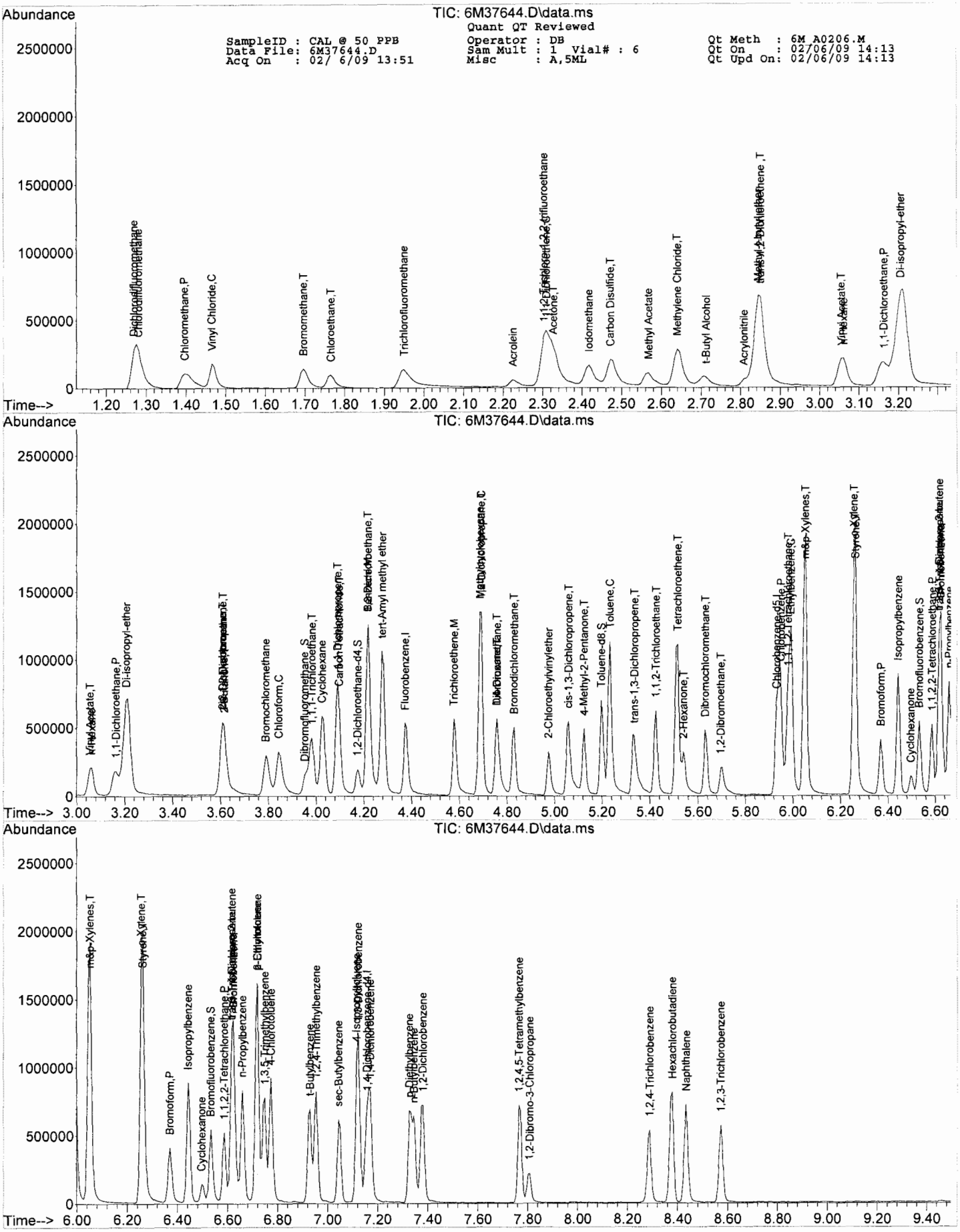
Operator : DB
Sam Mult : 1 Vial# : 6
Misc : A,5ML

Qt Meth : 6M_A0206.M
Qt On : 02/06/09 14:13
Qt Upd On: 02/06/09 14:13

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) o-Xylene	6.255	106	153496	55.55	ug/l		98
68) trans-1,4-Dichloro-2-b...	6.616	53	54109	61.10	ug/l		33
69) 1,3-Dichlorobenzene	7.122	146	181264	48.18	ug/l		90
70) 1,4-Dichlorobenzene	7.170	146	201590	46.56	ug/l		89
71) 1,2-Dichlorobenzene	7.380	146	205258	51.31	ug/l		91
72) Isopropylbenzene	6.442	105	333368	60.55	ug/l		96
73) Cyclohexanone	6.496	55	38954	1268.76	ug/l	#	36
74) 1,2,3-Trichloropropane	6.616	75	202478	51.79	ug/l		84
75) 2-Chlorotoluene	6.719	91	312089	72.48	ug/l		96
76) p-Ethyltoluene	6.719	105	301347	69.49	ug/l		82
77) 4-Chlorotoluene	6.773	91	319531	90.37	ug/l		96
78) n-Propylbenzene	6.658	91	357765	53.00	ug/l		99
79) Bromobenzene	6.622	77	321438	79.57	ug/l		88
80) 1,3,5-Trimethylbenzene	6.749	105	264418m	53.16	ug/l		
81) t-Butylbenzene	6.929	119	219949	61.98	ug/l		91
82) 1,2,4-Trimethylbenzene	6.953	105	273916	55.03	ug/l		90
83) sec-Butylbenzene	7.043	105	253870	55.52	ug/l		99
84) 4-Isopropyltoluene	7.116	119	212408	56.68	ug/l		94
85) n-Butylbenzene	7.344	91	259580	57.05	ug/l		81
86) p-Diethylbenzene	7.326	119	133797	62.97	ug/l		91
87) 1,2,4,5-Tetramethylben...	7.765	119	252523	68.40	ug/l		92
88) 1,2-Dibromo-3-Chloropr...	7.807	157	39793	45.95	ug/l		72
89) Hexachlorobutadiene	8.379	225	142321	119.17	ug/l		96
90) 1,2,4-Trichlorobenzene	8.289	180	129058	66.70	ug/l		95
91) 1,2,3-Trichlorobenzene	8.571	180	127868	59.50	ug/l		94
92) Naphthalene	8.433	128	337067	53.21	ug/l		100

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


Abundance
TIC: 6M37644.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 6M37644.D
Acq On : 02/ 6/09 13:51
Operator : DB
Sam Mult : 1 Vial# : 6
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02/06/09 14:13
Qt Upd On: 02/06/09 14:13
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Vinyl Acetate,T
1,1-Dichloroethane,P
Di-isopropyl-ether
Time-->

Abundance
TIC: 6M37644.D\data.ms
Vinyl Acetate,T
1,1-Dichloroethane,P
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Time-->

Abundance
TIC: 6M37644.D\data.ms
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37643.D Sam Mult : 1 Vial# : 5 Qt On : 02/06/09 14:13
Acq On : 02/ 6/09 13:35 Misc : A,5ML Qt Upd On: 02/06/09 14:13

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.379	96	286818	30.00	ug/l		0.00
45) Chlorobenzene-d5	5.937	117	188482	30.00	ug/l		0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	97778	30.00	ug/l		0.00
System Monitoring Compounds							
30) Dibromofluoromethane	3.958	111	86776	31.88	ug/l		0.00
Spiked Amount 30.000			Recovery =	106.27%			
32) 1,2-Dichloroethane-d4	4.175	67	52755	29.14	ug/l		0.00
Spiked Amount 30.000			Recovery =	97.13%			
56) Toluene-d8	5.203	98	261898	30.26	ug/l		0.00
Spiked Amount 30.000			Recovery =	100.87%			
64) Bromofluorobenzene	6.539	174	106040	33.73	ug/l		0.00
Spiked Amount 30.000			Recovery =	112.43%			
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.280	51	671199	150.26	ug/l		71
3) Dichlorodifluoromethane	1.269	85	422131	201.97	ug/l		88
4) Chloromethane	1.396	50	394051	183.54	ug/l		95
5) Bromomethane	1.695	94	165961	126.70	ug/l		81
6) Vinyl Chloride	1.465	62	340836	163.66	ug/l		96
7) Chloroethane	1.765	64	153668	122.59	ug/l		95
8) Trichlorofluoromethane	1.949	101	286407	88.88	ug/l		83
9) 1,1,2-Trichloro-1,2,2-...	2.310	101	171566	108.62	ug/l		95
10) Methylene Chloride	2.641	84	194620	97.29	ug/l		74
11) Acrolein	2.226	56	74796	400.51	ug/l		100
12) Acrylonitrile	2.809	53	84115	100.57	ug/l		99
13) Iodomethane	2.418	142	362121	102.75	ug/l		95
14) Acetone	2.328	43	438585	460.51	ug/l		97
15) Carbon Disulfide	2.473	76	573691	103.28	ug/l		100
16) t-Butyl Alcohol	2.713	59	116686	417.43	ug/l		90
17) n-Hexane	3.056	57	149470	133.36	ug/l	#	85
18) Di-isopropyl-ether	3.212	45	1169199	136.17	ug/l		96
19) 1,1-Dichloroethene	2.310	61	391461	106.23	ug/l		96
20) Methyl Acetate	2.563	43	264700	108.36	ug/l		100
21) Methyl-t-butyl ether	2.846	73	627531	107.24	ug/l		87
22) 1,1-Dichloroethane	3.158	63	456771	101.53	ug/l		100
23) trans-1,2-Dichloroethene	2.852	96	173335	95.22	ug/l		88
24) cis-1,2-Dichloroethene	3.609	61	602752	145.30	ug/l		97
25) Bromochloromethane	3.790	49	324107	152.50	ug/l		62
26) 2,2-Dichloropropane	3.609	77	422492	126.62	ug/l		95
27) 1,4-Dioxane	4.764	88	184941	4779.76	ug/l		54
28) 1,1-Dichloropropene	4.091	75	424112	138.09	ug/l		98
29) Chloroform	3.850	83	546431	120.93	ug/l		83
31) Cyclohexane	4.030	56	505643	183.63	ug/l		75
33) 1,2-Dichloroethane	4.223	62	475958	111.05	ug/l		96
34) 2-Butanone	3.615	43	188185	129.30	ug/l		96
35) 1,1,1-Trichloroethane	3.982	97	445339	126.82	ug/l		98
36) Carbon Tetrachloride	4.097	117	360337	124.99	ug/l		93
37) Vinyl Acetate	3.056	43	131514	15.48	ug/l		100
38) Bromodichloromethane	4.830	83	450113	93.14	ug/l		95
39) Methylcyclohexane	4.686	83	277870	111.01	ug/l		83
40) Dibromomethane	4.758	174	269247	90.48	ug/l		95
41) 1,2-Dichloropropane	4.692	63	337553	100.02	ug/l		96
42) Trichloroethene	4.584	130	312152	106.86	ug/l		97
43) Benzene	4.217	78	1120810	118.51	ug/l		100
44) tert-Amyl methyl ether	4.283	73	905030	137.47	ug/l		97
46) Dibromochloromethane	5.636	129	340465	100.49	ug/l		97
47) 2-Chloroethylvinylether	4.975	63	179570	122.22	ug/l		78
48) cis-1,3-Dichloropropene	5.059	75	496013	131.73	ug/l		91
49) trans-1,3-Dichloropropene	5.336	75	449924	121.19	ug/l		95
50) 1,1,2-Trichloroethane	5.426	97	240579	99.02	ug/l		95
51) 1,2-Dibromoethane	5.703	107	275569	99.46	ug/l		88
52) 1,3-Dichloropropane	4.692	76	159945	124.23	ug/l		98
53) 4-Methyl-2-Pentanone	5.125	43	451293	154.60	ug/l		94
54) 2-Hexanone	5.540	43	313269	139.72	ug/l		94
55) Tetrachloroethene	5.516	164	224572	128.89	ug/l		93
57) Toluene	5.233	92	609551	103.17	ug/l		93
58) 1,1,1,2-Tetrachloroethane	5.985	133	244560	95.55	ug/l		78
59) Chlorobenzene	5.949	112	627811	102.74	ug/l		95
61) Bromoform	6.370	173	290339	105.63	ug/l		96
62) Ethylbenzene	5.997	106	270577	144.54	ug/l		96
63) 1,1,2,2-Tetrachloroethane	6.587	83	336809	99.31	ug/l		93
65) Styrene	6.268	104	632202	116.27	ug/l		94
66) m&p-Xylenes	6.052	106	645925	228.69	ug/l		98

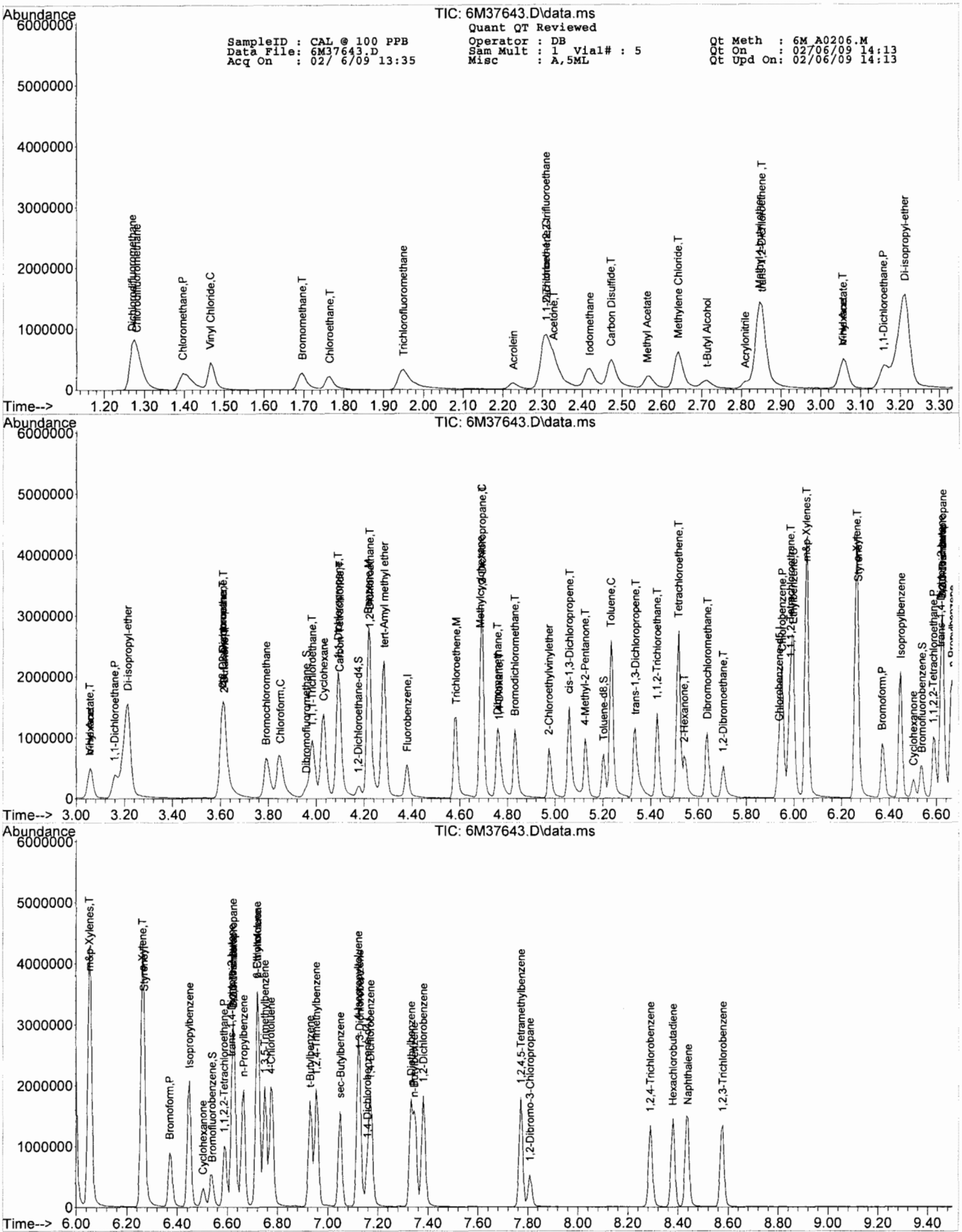
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37643.D Sam Mult : 1 Vial# : 5 Qt On : 02/06/09 14:13
Acq On : 02/ 6/09 13:35 Misc : A,5ML Qt Upd On: 02/06/09 14:13

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.262	106	325317	108.60	ug/l	86
68) trans-1,4-Dichloro-2-b...	6.617	53	106875	111.32	ug/l	35
69) 1,3-Dichlorobenzene	7.128	146	407394	99.90	ug/l	91
70) 1,4-Dichlorobenzene	7.170	146	455130	96.96	ug/l	88
71) 1,2-Dichlorobenzene	7.381	146	455453	105.02	ug/l	93
72) Isopropylbenzene	6.449	105	786167	131.72	ug/l	95
73) Cyclohexanone	6.503	55	83586	2511.32	ug/l	44
74) 1,2,3-Trichloropropane	6.623	75	407780	96.21	ug/l	83
75) 2-Chlorotoluene	6.719	91	655641	140.47	ug/l	95
76) p-Ethyltoluene	6.719	105	723922	153.98	ug/l	81
77) 4-Chlorotoluene	6.773	91	661211	172.50	ug/l	95
78) n-Propylbenzene	6.665	91	894041	122.17	ug/l	99
79) Bromobenzene	6.623	77	662427	151.27	ug/l	91
80) 1,3,5-Trimethylbenzene	6.749	105	621246m	115.20	ug/l	
81) t-Butylbenzene	6.930	119	531958	138.27	ug/l	92
82) 1,2,4-Trimethylbenzene	6.954	105	660946	122.48	ug/l	91
83) sec-Butylbenzene	7.050	105	627140	126.50	ug/l	98
84) 4-Isopropyltoluene	7.122	119	485924	119.60	ug/l	96
85) n-Butylbenzene	7.345	91	620725	125.84	ug/l	82
86) p-Diethylbenzene	7.333	119	323138	140.29	ug/l	92
87) 1,2,4,5-Tetramethylben...	7.772	119	590124	147.44	ug/l	92
88) 1,2-Dibromo-3-Chloropr...	7.808	157	88261	94.02	ug/l	78
89) Hexachlorobutadiene	8.379	225	236693	182.82	ug/l	95
90) 1,2,4-Trichlorobenzene	8.289	180	298126	142.12	ug/l	95
91) 1,2,3-Trichlorobenzene	8.578	180	309668	132.92	ug/l	96
92) Naphthalene	8.440	128	763400	111.17	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 6M37643.D
Acq On : 02/ 6/09 13:35
Operator : DB
Sam Mult : 1 Vial# : 5
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02706/09 14:13
Qt Upd On: 02/06/09 14:13
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,I
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
1,1-Dichloroethane,P
Di-isopropyl-ether
TIC: 6M37643.D\data.ms
Abundance
Time-->
1,1-Dichloroethane,P
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
TIC: 6M37643.D\data.ms
Abundance
Time-->
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
n-Propylbenzene
t-Butylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37642.D Sam Mult : 1 Vial# : 4 Qt On : 02/06/09 14:13
Acq On : 02/ 6/09 13:19 Misc : A,5ML Qt Upd On: 02/06/09 14:13

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.373	96	290116	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.931	117	177321	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.152	152	81839	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	79467	28.87	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.23%			
32) 1,2-Dichloroethane-d4	4.175	67	51088	27.90	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.00%			
56) Toluene-d8	5.197	98	261688	32.13	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.10%			
64) Bromofluorobenzene	6.533	174	101436	38.55	ug/l	0.00
Spiked Amount 30.000			Recovery = 128.50%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.277	51	1569952	347.48	ug/l	71
3) Dichlorodifluoromethane	1.265	85	991187	468.85	ug/l	86
4) Chloromethane	1.398	50	1023972	471.51	ug/l	100
5) Bromomethane	1.686	94	343493	259.25	ug/l	88
6) Vinyl Chloride	1.467	62	759554	360.57	ug/l	99
7) Chloroethane	1.755	64	339165	267.50	ug/l	94
8) Trichlorofluoromethane	1.946	101	663998	203.72	ug/l	86
9) 1,1,2-Trichloro-1,2,2-...	2.304	101	379658	237.63	ug/l	96
10) Methylene Chloride	2.641	84	475821	239.90	ug/l	69
11) Acrolein	2.220	56	173236	917.08	ug/l	96
12) Acrylonitrile	2.809	53	183328	216.70	ug/l	97
13) Iodomethane	2.412	142	849918	238.41	ug/l	97
14) Acetone	2.328	43	976458	1033.44	ug/l	100
15) Carbon Disulfide	2.472	76	1372067	244.21	ug/l	100
16) t-Butyl Alcohol	2.713	59	256217	906.17	ug/l	82
17) n-Hexane	3.056	57	314763	277.64	ug/l	89
18) Di-isopropyl-ether	3.206	45	2613316	300.90	ug/l	97
19) 1,1-Dichloroethene	2.304	61	899169	241.22	ug/l	91
20) Methyl Acetate	2.563	43	615351	249.04	ug/l	100
21) Methyl-t-butyl ether	2.845	73	1425780	240.88	ug/l	88
22) 1,1-Dichloroethane	3.158	63	1078045	236.90	ug/l	98
23) trans-1,2-Dichloroethene	2.851	96	383600	208.33	ug/l	89
24) cis-1,2-Dichloroethene	3.603	61	1325932	315.99	ug/l	99
25) Bromochloromethane	3.790	49	775844	360.91	ug/l	61
26) 2,2-Dichloropropane	3.609	77	955147	282.99	ug/l	96
27) 1,4-Dioxane	4.758	88	374291	9563.50	ug/l	59
28) 1,1-Dichloropropene	4.084	75	900720	289.93	ug/l	97
29) Chloroform	3.844	83	1279058	279.85	ug/l	89
31) Cyclohexane	4.024	56	1052130	377.76	ug/l	75
33) 1,2-Dichloroethane	4.217	62	1057504	243.93	ug/l	95
34) 2-Butanone	3.609	43	403642	274.19	ug/l	94
35) 1,1,1-Trichloroethane	3.982	97	1042679	293.55	ug/l	94
36) Carbon Tetrachloride	4.096	117	785676	269.42	ug/l	89
37) Vinyl Acetate	3.056	43	261245	30.40	ug/l	100
38) Bromodichloromethane	4.830	83	1039170	212.59	ug/l	95
39) Methylcyclohexane	4.686	83	502901	198.62	ug/l	84
40) Dibromomethane	4.752	174	592238	196.75	ug/l	94
41) 1,2-Dichloropropane	4.692	63	719422	210.76	ug/l	96
42) Trichloroethene	4.578	130	660655	223.59	ug/l	98
43) Benzene	4.217	78	2308031	241.26	ug/l	100
44) tert-Amyl methyl ether	4.277	73	1988203	298.56	ug/l	97
46) Dibromochloromethane	5.630	129	775530	243.31	ug/l	96
47) 2-Chloroethylvinylether	4.975	63	416353	301.21	ug/l	78
48) cis-1,3-Dichloropropene	5.053	75	1163891	328.57	ug/l	90
49) trans-1,3-Dichloropropene	5.330	75	1069932	306.34	ug/l	99
50) 1,1,2-Trichloroethane	5.426	97	537284	235.06	ug/l	92
51) 1,2-Dibromoethane	5.696	107	634815	243.55	ug/l	94
52) 1,3-Dichloropropane	4.692	76	342265	282.57	ug/l	98
53) 4-Methyl-2-Pentanone	5.125	43	1009098	367.45	ug/l	95
54) 2-Hexanone	5.540	43	688089	326.20	ug/l	93
55) Tetrachloroethene	5.516	164	419737	256.07	ug/l	99
57) Toluene	5.233	92	1290354	232.14	ug/l	97
58) 1,1,1,2-Tetrachloroethane	5.979	133	511172	212.28	ug/l	79
59) Chlorobenzene	5.943	112	1337043	232.58	ug/l	96
61) Bromoform	6.370	173	662863	288.14	ug/l	93
62) Ethylbenzene	5.991	106	520178	332.00	ug/l	99
63) 1,1,2,2-Tetrachloroethane	6.587	83	730486	257.33	ug/l	95
65) Styrene	6.262	104	1188669	261.19	ug/l	87
66) m&p-Xylenes	6.051	106	1163212	492.04	ug/l	90

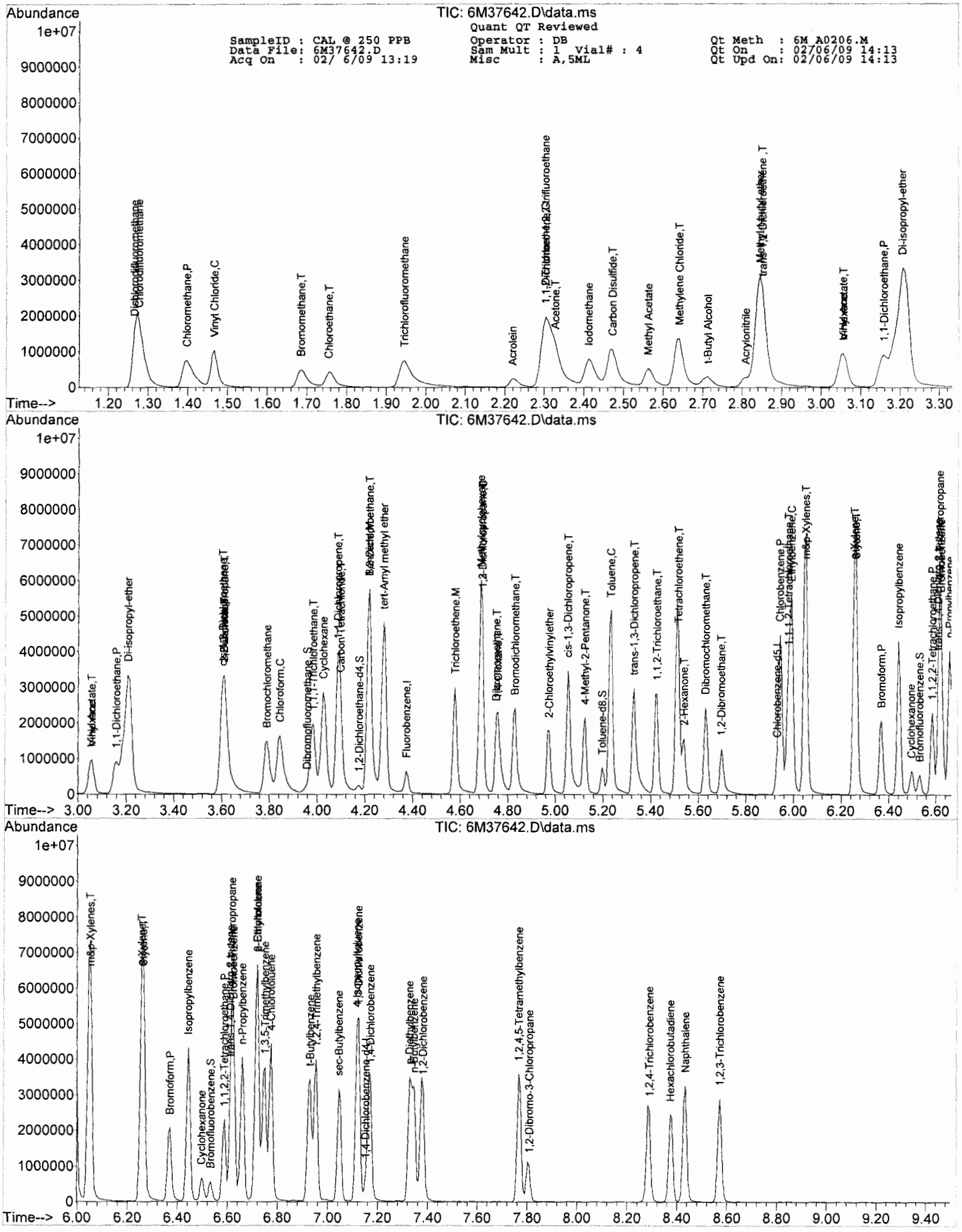
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37642.D Sam Mult : 1 Vial# : 4 Qt On : 02/06/09 14:13
Acq On : 02/ 6/09 13:19 Misc : A,5ML Qt Upd On: 02/06/09 14:13

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.256	106	611077	243.72 ug/l	84
68) trans-1,4-Dichloro-2-b...	6.611	53	225234	280.28 ug/l	26
69) 1,3-Dichlorobenzene	7.122	146	771995	226.17 ug/l	92
70) 1,4-Dichlorobenzene	7.170	146	950037	241.82 ug/l	87
71) 1,2-Dichlorobenzene	7.381	146	938000	258.41 ug/l	93
72) Isopropylbenzene	6.442	105	1623991	325.08 ug/l	96
73) Cyclohexanone	6.496	55	171950	6172.35 ug/l #	42
74) 1,2,3-Trichloropropane	6.617	75	795563	224.25 ug/l	83
75) 2-Chlorotoluene	6.719	91	1273270	325.92 ug/l	93
76) p-Ethyltoluene	6.719	105	1342049	341.06 ug/l	81
77) 4-Chlorotoluene	6.773	91	1567509	488.58 ug/l	96
78) n-Propylbenzene	6.659	91	1869275	305.19 ug/l	99
79) Bromobenzene	6.623	77	1293556	352.92 ug/l	92
80) 1,3,5-Trimethylbenzene	6.749	105	1330827m	294.85 ug/l	
81) t-Butylbenzene	6.930	119	1123612	348.93 ug/l	93
82) 1,2,4-Trimethylbenzene	6.954	105	1374285	304.27 ug/l	93
83) sec-Butylbenzene	7.044	105	1336359	322.07 ug/l	99
84) 4-Isopropyltoluene	7.116	119	969070	284.98 ug/l	97
85) n-Butylbenzene	7.345	91	1315590	318.65 ug/l	82
86) p-Diethylbenzene	7.327	119	671611	348.38 ug/l	93
87) 1,2,4,5-Tetramethylben...	7.766	119	1262801	376.96 ug/l	94
88) 1,2-Dibromo-3-Chloropr...	7.808	157	201438	256.37 ug/l	74
89) Hexachlorobutadiene	8.373	225	427576	394.57 ug/l	95
90) 1,2,4-Trichlorobenzene	8.289	180	649236	369.78 ug/l	96
91) 1,2,3-Trichlorobenzene	8.572	180	656570	336.72 ug/l	97
92) Naphthalene	8.433	128	1587360	276.17 ug/l	100

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


Abundance
TIC: 6M37642.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 6M37642.D
Acq On : 02/ 6/09 13:19
Operator : DB
Sam Mult : 1 Vial# : 4
Misc : A,5ML
Qt Meth : 6M A0206.M
Qt On : 02/06/09 14:13
Qt Upd On: 02/06/09 14:13
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
1,1-Dichloroethane,P
Di-isopropyl-ether
Time-->

Abundance
TIC: 6M37642.D\data.ms
1,1-Dichloroethane,P
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
Time-->

Abundance
TIC: 6M37642.D\data.ms
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37641.D Sam Mult : 1 Vial# : 3 Qt On : 02/06/09 16:00
Acq On : 02/ 6/09 13:04 Misc : A,5ML Qt Upd On: 02/06/09 15:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.373	96	302232	30.00	ug/l		0.00
45) Chlorobenzene-d5	5.931	117	173801	30.00	ug/l		0.00
60) 1,4-Dichlorobenzene-d4	7.152	152	82424	30.00	ug/l		0.00
System Monitoring Compounds							
30) Dibromofluoromethane	3.952	111	82532	27.79	ug/l		0.00
Spiked Amount 30.000			Recovery = 92.63%				
32) 1,2-Dichloroethane-d4	4.175	67	53247	28.54	ug/l		0.00
Spiked Amount 30.000			Recovery = 95.13%				
56) Toluene-d8	5.198	98	265300	32.16	ug/l		0.00
Spiked Amount 30.000			Recovery = 107.20%				
64) Bromofluorobenzene	6.533	174	102026	32.30	ug/l		0.00
Spiked Amount 30.000			Recovery = 107.67%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.276	51	2985585	476.34	ug/l		74
3) Dichlorodifluoromethane	1.264	85	1942351	487.88	ug/l		86
4) Chloromethane	1.397	50	2334801	583.39	ug/l		100
5) Bromomethane	1.673	94	265177	162.77	ug/l		86
6) Vinyl Chloride	1.466	62	1502604	470.30	ug/l		96
7) Chloroethane	1.748	64	559094	375.43	ug/l		92
8) Trichlorofluoromethane	1.939	101	1452602	533.00	ug/l		84
9) 1,1,2-Trichloro-1,2,2-...	2.304	101	688744	429.60	ug/l		95
10) Methylene Chloride	2.635	84	822757	414.74	ug/l		88
11) Acrolein	2.226	56	321307	2057.34	ug/l		99
12) Acrylonitrile	2.810	53	345413	411.91	ug/l		95
13) Iodomethane	2.413	142	1470315	406.85	ug/l		99
14) Acetone	2.328	43	1820687	2295.56	ug/l		100
15) Carbon Disulfide	2.467	76	2562132	456.94	ug/l		100
16) t-Butyl Alcohol	2.725	59	513141	2153.17	ug/l		88
17) n-Hexane	3.056	57	583149	398.73	ug/l		95
18) Di-isopropyl-ether	3.213	45	4767414	410.87	ug/l		97
19) 1,1-Dichloroethene	2.298	61	1647656	432.68	ug/l		89
20) Methyl Acetate	2.563	43	1193006	432.12	ug/l		100
21) Methyl-t-butyl ether	2.846	73	2453524	385.14	ug/l		88
22) 1,1-Dichloroethane	3.158	63	2067864	456.15	ug/l		100
23) trans-1,2-Dichloroethene	2.846	96	660755	395.12	ug/l		81
24) cis-1,2-Dichloroethene	3.604	61	2392451	449.26	ug/l		98
25) Bromochloromethane	3.784	49	1463056	451.73	ug/l	#	55
26) 2,2-Dichloropropane	3.610	77	1800489	481.28	ug/l		97
27) 1,4-Dioxane	4.764	88	664697	20506.06	ug/l		53
28) 1,1-Dichloropropene	4.085	75	1583339	402.24	ug/l		96
29) Chloroform	3.844	83	2446757	456.65	ug/l		88
31) Cyclohexane	4.025	56	1961785	420.93	ug/l		74
33) 1,2-Dichloroethane	4.223	62	1830683	391.13	ug/l		94
34) 2-Butanone	3.610	43	745647	434.02	ug/l		89
35) 1,1,1-Trichloroethane	3.982	97	1985753	464.69	ug/l		98
36) Carbon Tetrachloride	4.097	117	1381528	410.03	ug/l		93
37) Vinyl Acetate	3.050	43	501765	401.88	ug/l		100
38) Bromodichloromethane	4.831	83	1910133	434.74	ug/l		92
39) Methylcyclohexane	4.686	83	805015	361.44	ug/l		83
40) Dibromomethane	4.752	174	1021231	385.71	ug/l		94
41) 1,2-Dichloropropane	4.692	63	1153579	351.13	ug/l		95
42) Trichloroethene	4.578	130	1160721	400.12	ug/l		94
43) Benzene	4.217	78	3804591	357.47	ug/l		100
44) tert-Amyl methyl ether	4.277	73	3416601	386.22	ug/l		97
46) Dibromochloromethane	5.631	129	1349665	451.04	ug/l		99
47) 2-Chloroethylvinylether	4.975	63	812486	497.70	ug/l		81
48) cis-1,3-Dichloropropene	5.053	75	2113697	483.35	ug/l		92
49) trans-1,3-Dichloropropene	5.330	75	1944092	486.93	ug/l		94
50) 1,1,2-Trichloroethane	5.426	97	927850	433.03	ug/l		95
51) 1,2-Dibromoethane	5.697	107	1182554	484.58	ug/l		89
52) 1,3-Dichloropropane	4.692	76	588643	426.28	ug/l		99
53) 4-Methyl-2-Pentanone	5.125	43	1901269	476.68	ug/l		97
54) 2-Hexanone	5.540	43	1293858	475.51	ug/l		94
55) Tetrachloroethene	5.516	164	631175	369.81	ug/l		97
57) Toluene	5.234	92	2133023	406.59	ug/l		94
58) 1,1,1,2-Tetrachloroethane	5.979	133	809500	383.61	ug/l		81
59) Chlorobenzene	5.943	112	2181086	403.17	ug/l		98
61) Bromoform	6.370	173	1184753	479.00	ug/l		96
62) Ethylbenzene	5.998	106	752159	353.23	ug/l		92
63) 1,1,2,2-Tetrachloroethane	6.587	83	1297068	447.33	ug/l		94
65) Styrene	6.268	104	1724049	353.01	ug/l		93
66) m&p-Xylenes	6.052	106	1747883	677.67	ug/l		96

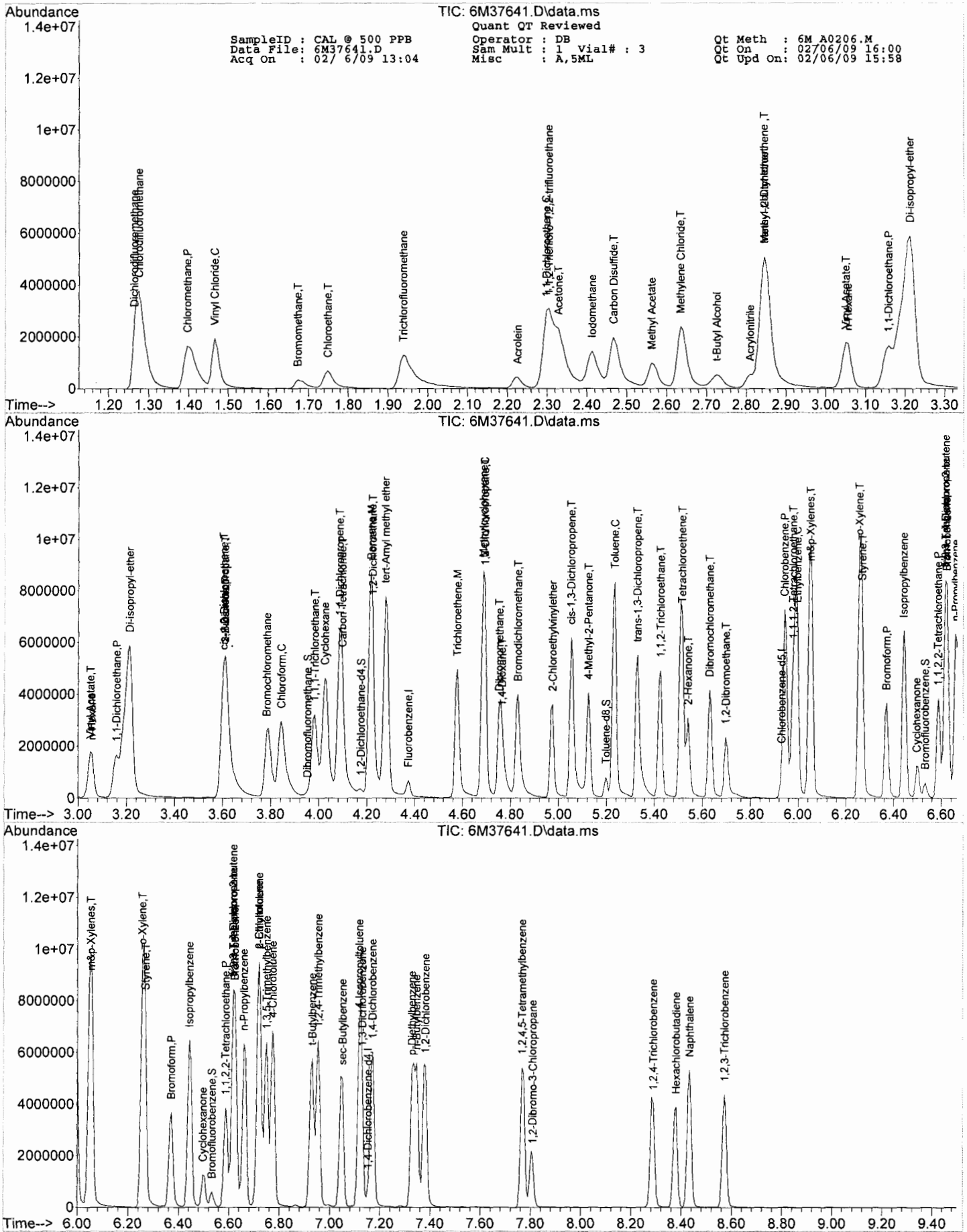
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37641.D Sam Mult : 1 Vial# : 3 Qt On : 02/06/09 16:00
Acq On : 02/ 6/09 13:04 Misc : A,5ML Qt Upd On: 02/06/09 15:58

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67)	o-Xylene	6.256	106	892482	334.28	ug/l	94
68)	trans-1,4-Dichloro-2-b...	6.617	53	377854	405.24	ug/l	19
69)	1,3-Dichlorobenzene	7.128	146	1163471	354.10	ug/l	94
70)	1,4-Dichlorobenzene	7.170	146	1573529	415.97	ug/l	88
71)	1,2-Dichlorobenzene	7.381	146	1550218	409.04	ug/l	95
72)	Isopropylbenzene	6.443	105	2650285	412.76	ug/l	95
73)	Cyclohexanone	6.497	55	349481	2514.46	ug/l	44
74)	1,2,3-Trichloropropane	6.617	75	1236102	358.53	ug/l	83
75)	2-Chlorotoluene	6.719	91	1685062	323.95	ug/l	92
76)	p-Ethyltoluene	6.719	105	2028417	368.62	ug/l	80
77)	4-Chlorotoluene	6.773	91	2329583	375.73	ug/l	96
78)	n-Propylbenzene	6.659	91	3210488	445.78	ug/l	99
79)	Bromobenzene	6.623	77	1996771	377.96	ug/l	89
80)	1,3,5-Trimethylbenzene	6.749	105	2269719	400.15	ug/l	93
81)	t-Butylbenzene	6.930	119	1901069	422.08	ug/l	94
82)	1,2,4-Trimethylbenzene	6.954	105	2313429	430.69	ug/l	92
83)	sec-Butylbenzene	7.050	105	2318081	454.22	ug/l	100
84)	4-Isopropyltoluene	7.116	119	1472508	371.77	ug/l	98
85)	n-Butylbenzene	7.345	91	2198177	431.67	ug/l	82
86)	p-Diethylbenzene	7.327	119	1112964	423.99	ug/l	93
87)	1,2,4,5-Tetramethylben...	7.766	119	2000157	395.56	ug/l	94
88)	1,2-Dibromo-3-Chloropr...	7.808	157	389661	512.08	ug/l	74
89)	Hexachlorobutadiene	8.379	225	690708	386.26	ug/l	95
90)	1,2,4-Trichlorobenzene	8.289	180	1026817	411.42	ug/l	95
91)	1,2,3-Trichlorobenzene	8.572	180	1017660	402.11	ug/l	95
92)	Naphthalene	8.434	128	2668077	417.38	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 6M37641.D
Acq On : 02/ 6/09 13:04
Operator : DB
Sam Mult : 1 Vial# : 3
Misc : A,5ML
Qt Meth : 6M A0206.M
Qt On : 02/06/09 16:00
Qt Upd On: 02/06/09 15:58
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Vinyl Acetate,T
1,1-Dichloroethane,P
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37650.D Sam Mult : 1 Vial# : 11 Qt On : 02/06/09 16:03
Acq On : 02/ 6/09 15:26 Misc : A,5ML Qt Upd On: 02/06/09 16:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.373	96	301721	30.00	ug/l		0.00
45) Chlorobenzene-d5	5.931	117	208014	30.00	ug/l		0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	103131	30.00	ug/l		0.00
System Monitoring Compounds							
30) Dibromofluoromethane	3.958	111	90192	30.42	ug/l		0.00
Spiked Amount 30.000			Recovery = 101.40%				
32) 1,2-Dichloroethane-d4	4.175	67	54316	29.16	ug/l		0.00
Spiked Amount 30.000			Recovery = 97.20%				
56) Toluene-d8	5.197	98	274636	27.82	ug/l		0.00
Spiked Amount 30.000			Recovery = 92.73%				
64) Bromofluorobenzene	6.533	174	108511	27.46	ug/l		0.00
Spiked Amount 30.000			Recovery = 91.53%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.276	51	5686m	0.91	ug/l		
3) Dichlorodifluoromethane	1.270	85	2119	0.53	ug/l		93
4) Chloromethane	1.403	50	3341	0.84	ug/l		83
5) Bromomethane	1.703	94	1746	1.07	ug/l		95
6) Vinyl Chloride	1.472	62	2499	0.78	ug/l		99
7) Chloroethane	1.760	64	1507	1.01	ug/l		46
8) Trichlorofluoromethane	1.945	101	948	0.35	ug/l	#	32
9) 1,1,2-Trichloro-1,2,2-...	2.310	101	762	0.48	ug/l		61
10) Methylene Chloride	2.641	84	1988	1.00	ug/l		64
11) Acrolein	2.220	56	713	4.57	ug/l		68
12) Acrylonitrile	2.822	53	246	0.29	ug/l		69
13) Iodomethane	2.425	142	3101	0.86	ug/l		71
14) Acetone	2.328	43	6901	7.63	ug/l		94
15) Carbon Disulfide	2.479	76	4420	0.79	ug/l		100
16) t-Butyl Alcohol	0.000		0	N.D.	d		
17) n-Hexane	0.000		0	N.D.	d		
18) Di-isopropyl-ether	3.207	45	12015	1.04	ug/l		96
19) 1,1-Dichloroethene	2.310	61	2622	0.69	ug/l		80
20) Methyl Acetate	2.581	43	5067	1.84	ug/l		100
21) Methyl-t-butyl ether	2.852	73	5691	0.89	ug/l	#	36
22) 1,1-Dichloroethane	3.164	63	3614	0.80	ug/l		87
23) trans-1,2-Dichloroethene	2.852	96	1445	0.87	ug/l		64
24) cis-1,2-Dichloroethene	3.616	61	4833	0.91	ug/l		82
25) Bromochloromethane	3.796	49	3373	1.04	ug/l	#	56
26) 2,2-Dichloropropane	3.616	77	2804	0.75	ug/l		97
27) 1,4-Dioxane	4.776	88	1214	34.14	ug/l		63
28) 1,1-Dichloropropene	4.091	75	2546	0.65	ug/l		98
29) Chloroform	3.850	83	5342	1.00	ug/l		72
31) Cyclohexane	4.025	56	2745	0.59	ug/l		70
33) 1,2-Dichloroethane	4.223	62	3552	0.76	ug/l		92
34) 2-Butanone	3.622	43	3147	1.81	ug/l		56
35) 1,1,1-Trichloroethane	3.982	97	3028	0.71	ug/l		82
36) Carbon Tetrachloride	4.091	117	2218	0.66	ug/l		100
37) Vinyl Acetate	3.062	43	1144m	0.92	ug/l		
38) Bromodichloromethane	4.837	83	3298	0.75	ug/l		88
39) Methylcyclohexane	4.686	83	1713	0.67	ug/l		90
40) Dibromomethane	4.764	174	1875	0.71	ug/l		95
41) 1,2-Dichloropropane	4.698	63	3325	1.01	ug/l		79
42) Trichloroethene	4.590	130	2396	0.83	ug/l		80
43) Benzene	4.223	78	10375	0.98	ug/l		100
44) tert-Amyl methyl ether	4.277	73	8293	0.94	ug/l		97
46) Dibromochloromethane	5.643	129	2174	0.61	ug/l		74
47) 2-Chloroethylvinylether	4.993	63	738	0.38	ug/l		69
48) cis-1,3-Dichloropropene	5.071	75	2712	0.52	ug/l		81
49) trans-1,3-Dichloropropene	5.354	75	2252	0.47	ug/l		57
50) 1,1,2-Trichloroethane	5.432	97	1655	0.65	ug/l		97
51) 1,2-Dibromoethane	5.715	107	1687	0.58	ug/l		99
52) 1,3-Dichloropropane	4.698	76	1343	0.81	ug/l		79
53) 4-Methyl-2-Pentanone	5.131	43	5454	1.12	ug/l		84
54) 2-Hexanone	0.000		0	N.D.	d		
55) Tetrachloroethene	5.522	164	1903	0.87	ug/l		90
57) Toluene	5.234	92	4471	0.71	ug/l		73
58) 1,1,1,2-Tetrachloroethane	5.985	133	2169	0.86	ug/l		61
59) Chlorobenzene	5.949	112	5851	0.90	ug/l		90
61) Bromoform	6.382	173	1584	0.51	ug/l		90
62) Ethylbenzene	5.998	106	1778	0.67	ug/l		83
63) 1,1,2,2-Tetrachloroethane	6.587	83	3096	0.85	ug/l		94
65) Styrene	6.280	104	5846	0.90	ug/l		86
66) m&p-Xylenes	6.058	106	6395	1.98	ug/l		83

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB
Data File: 6M37650.D
Acq On : 02/ 6/09 15:26

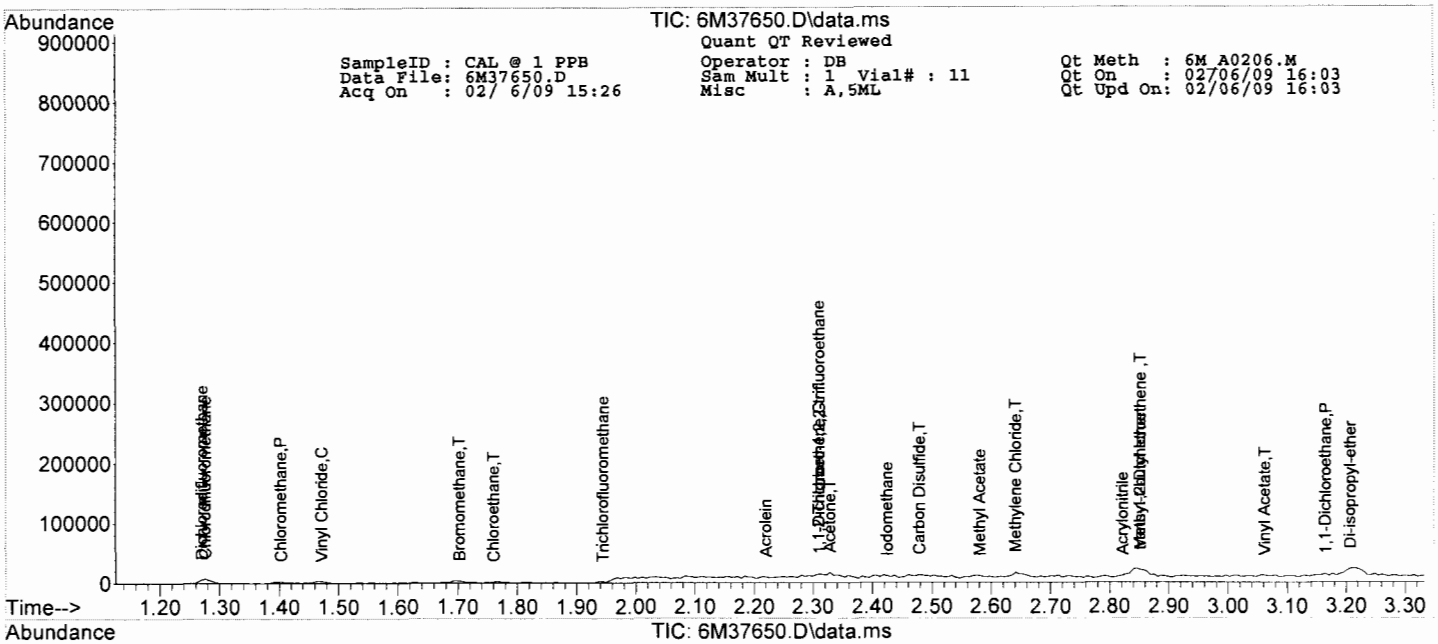
Operator : DB
Sam Mult : 1 Vial# : 11
Misc : A,5ML

Qt Meth : 6M_A0206.M
Qt On : 02/06/09 16:03
Qt Upd On: 02/06/09 16:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.262	106	3709	1.11 ug/l	47
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D. d	
69) 1,3-Dichlorobenzene	7.134	146	4093m	1.00 ug/l	
70) 1,4-Dichlorobenzene	7.170	146	6169m	1.30 ug/l	
71) 1,2-Dichlorobenzene	7.387	146	4825	1.02 ug/l	88
72) Isopropylbenzene	6.449	105	6758	0.84 ug/l	92
73) Cyclohexanone	0.000		0	N.D. d	
74) 1,2,3-Trichloropropane	6.623	75	5062	1.17 ug/l	71
75) 2-Chlorotoluene	6.725	91	5448	0.80 ug/l	96
76) p-Ethyltoluene	6.725	105	5820	0.82 ug/l	85
77) 4-Chlorotoluene	6.779	91	4167	0.56 ug/l	90
78) n-Propylbenzene	6.665	91	7334	0.81 ug/l	94
79) Bromobenzene	6.629	77	7273	1.05 ug/l	85
80) 1,3,5-Trimethylbenzene	6.749	105	8092	1.14 ug/l	89
81) t-Butylbenzene	6.930	119	3840	0.71 ug/l	94
82) 1,2,4-Trimethylbenzene	6.960	105	7153	1.06 ug/l	93
83) sec-Butylbenzene	7.050	105	5550	0.87 ug/l	95
84) 4-Isopropyltoluene	7.122	119	4888	0.99 ug/l	89
85) n-Butylbenzene	7.351	91	5417	0.85 ug/l	76
86) p-Diethylbenzene	7.339	119	2527	0.77 ug/l	97
87) 1,2,4,5-Tetramethylben...	7.772	119	6256	1.02 ug/l	91
88) 1,2-Dibromo-3-Chloropr...	7.814	157	551	0.58 ug/l	85
89) Hexachlorobutadiene	8.379	225	2781	1.06 ug/l	89
90) 1,2,4-Trichlorobenzene	8.295	180	2798	0.90 ug/l	89
91) 1,2,3-Trichlorobenzene	8.584	180	2781	0.88 ug/l	87
92) Naphthalene	8.446	128	7859	0.99 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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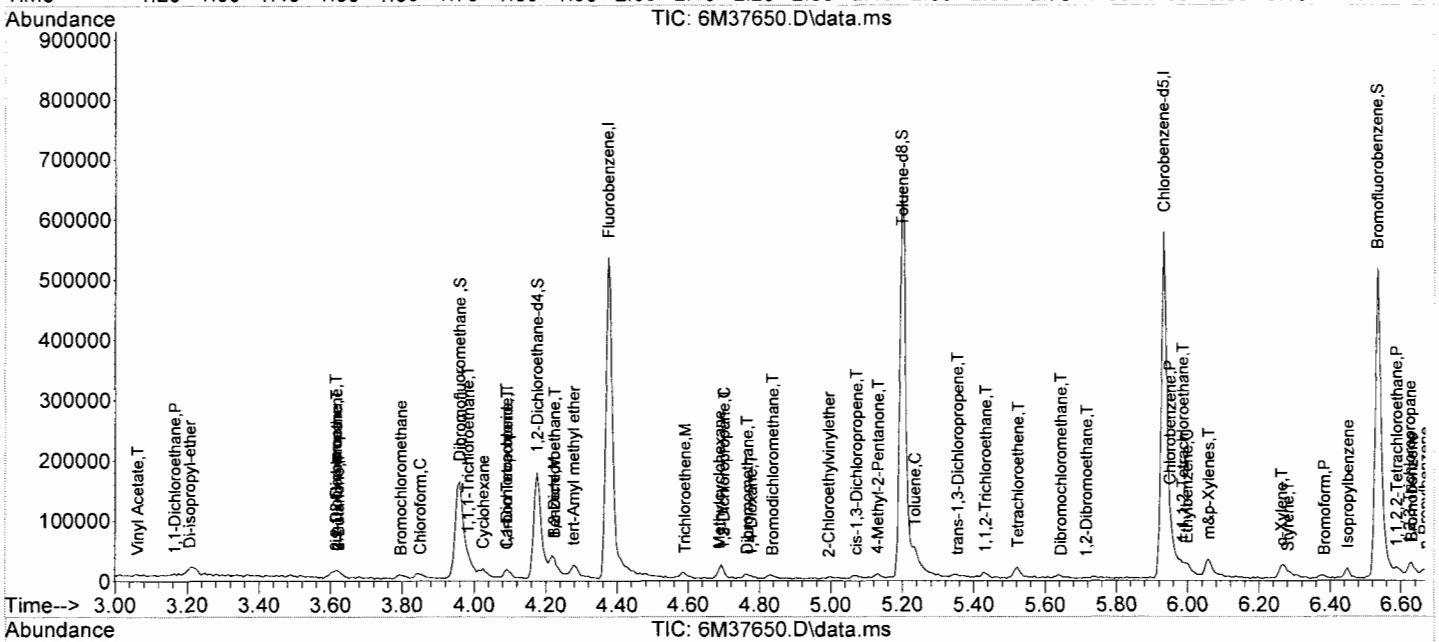
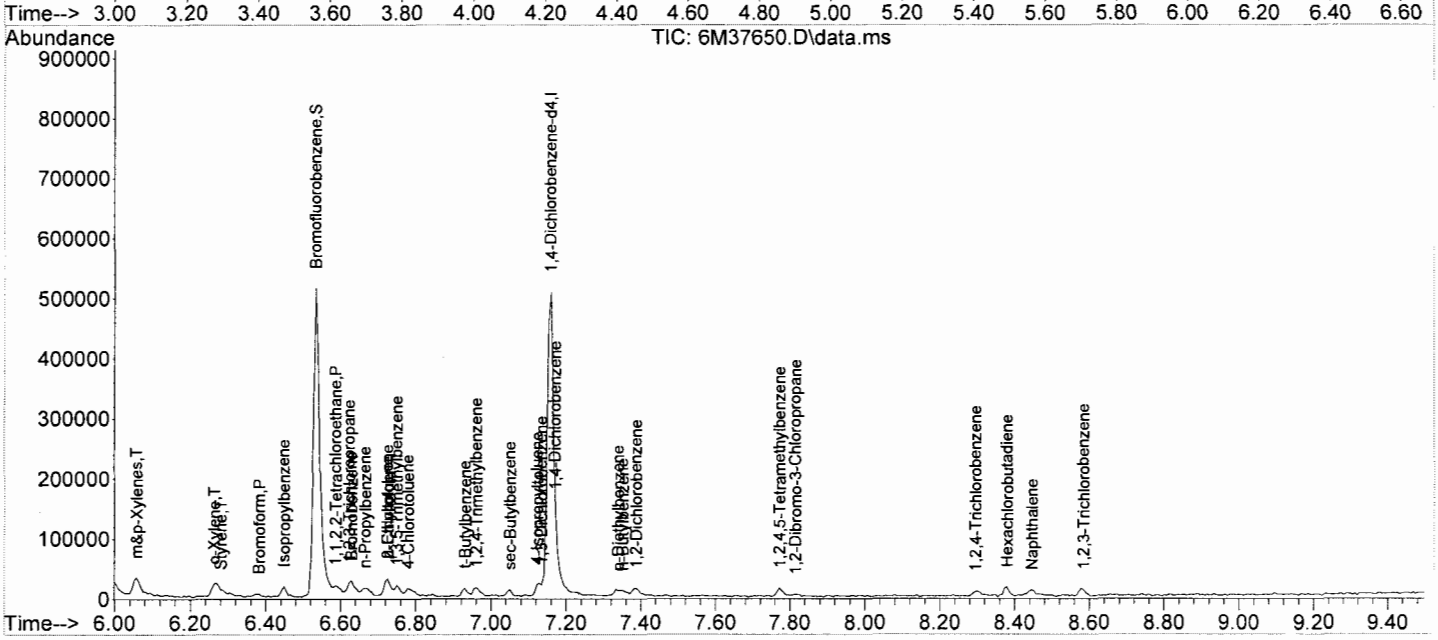
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 6M37650.D
Acq On : 02/ 6/09 15:26
Operator : DB
Sam Mult : 1 Vial# : 11
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02706/09 16:03
Qt Upd On: 02/06/09 16:03
Abundance
Time-->


TIC: 6M37650.D\data.ms
Abundance
Time-->


TIC: 6M37650.D\data.ms
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB
Data File: 6M37651.D
Acq On : 02/ 6/09 15:42

Operator : DB
Sam Mult : 1 Vial# : 12
Misc : A,5ML

Qt Meth : 6M_A0206.M
Qt On : 02/06/09 16:07
Qt Upd On: 02/06/09 16:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.373	96	288409	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.931	117	199149	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	96443	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	86264	30.44	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.47%			
32) 1,2-Dichloroethane-d4	4.175	67	52899	29.71	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.03%			
56) Toluene-d8	5.203	98	268517	28.41	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.70%			
64) Bromofluorobenzene	6.539	174	109630	29.66	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.87%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	0.000		0	N.D.	d	
3) Dichlorodifluoromethane	0.000		0	N.D.	d	
4) Chloromethane	0.000		0	N.D.	d	
5) Bromomethane	0.000		0	N.D.	d	
6) Vinyl Chloride	0.000		0	N.D.	d	
7) Chloroethane	0.000		0	N.D.	d	
8) Trichlorofluoromethane	0.000		0	N.D.	d	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D.	d	
10) Methylene Chloride	0.000		0	N.D.	d	
11) Acrolein	0.000		0	N.D.	d	
12) Acrylonitrile	0.000		0	N.D.	d	
13) Iodomethane	0.000		0	N.D.	d	
14) Acetone	0.000		0	N.D.	d	
15) Carbon Disulfide	0.000		0	N.D.	d	
16) t-Butyl Alcohol	0.000		0	N.D.	d	
17) n-Hexane	0.000		0	N.D.	d	
18) Di-isopropyl-ether	0.000		0	N.D.	d	
19) 1,1-Dichloroethene	0.000		0	N.D.	d	
20) Methyl Acetate	0.000		0	N.D.	d	
21) Methyl-t-butyl ether	2.845	73	2566	0.42	ug/l	80
22) 1,1-Dichloroethane	0.000		0	N.D.	d	
23) trans-1,2-Dichloroethene	0.000		0	N.D.	d	
24) cis-1,2-Dichloroethene	0.000		0	N.D.	d	
25) Bromochloromethane	0.000		0	N.D.	d	
26) 2,2-Dichloropropane	0.000		0	N.D.	d	
27) 1,4-Dioxane	0.000		0	N.D.	d	
28) 1,1-Dichloropropene	0.000		0	N.D.	d	
29) Chloroform	0.000		0	N.D.	d	
31) Cyclohexane	0.000		0	N.D.	d	
33) 1,2-Dichloroethane	4.229	62	2002	0.45	ug/l	89
34) 2-Butanone	0.000		0	N.D.	d	
35) 1,1,1-Trichloroethane	0.000		0	N.D.	d	
36) Carbon Tetrachloride	0.000		0	N.D.	d	
37) Vinyl Acetate	0.000		0	N.D.	d	
38) Bromodichloromethane	0.000		0	N.D.	d	
39) Methylcyclohexane	0.000		0	N.D.	d	
40) Dibromomethane	0.000		0	N.D.	d	
41) 1,2-Dichloropropane	0.000		0	N.D.	d	
42) Trichloroethene	0.000		0	N.D.	d	
43) Benzene	4.217	78	4614	0.45	ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D.	d	
46) Dibromochloromethane	0.000		0	N.D.	d	
47) 2-Chloroethylvinylether	0.000		0	N.D.	d	
48) cis-1,3-Dichloropropene	0.000		0	N.D.	d	
49) trans-1,3-Dichloropropene	0.000		0	N.D.	d	
50) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
51) 1,2-Dibromoethane	0.000		0	N.D.	d	
52) 1,3-Dichloropropane	0.000		0	N.D.	d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D.	d	
54) 2-Hexanone	0.000		0	N.D.	d	
55) Tetrachloroethene	0.000		0	N.D.	d	
57) Toluene	0.000		0	N.D.	d	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	d	
59) Chlorobenzene	0.000		0	N.D.	d	
61) Bromoform	0.000		0	N.D.	d	
62) Ethylbenzene	0.000		0	N.D.	d	
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
65) Styrene	0.000		0	N.D.	d	
66) m&p-Xylenes	0.000		0	N.D.	d	

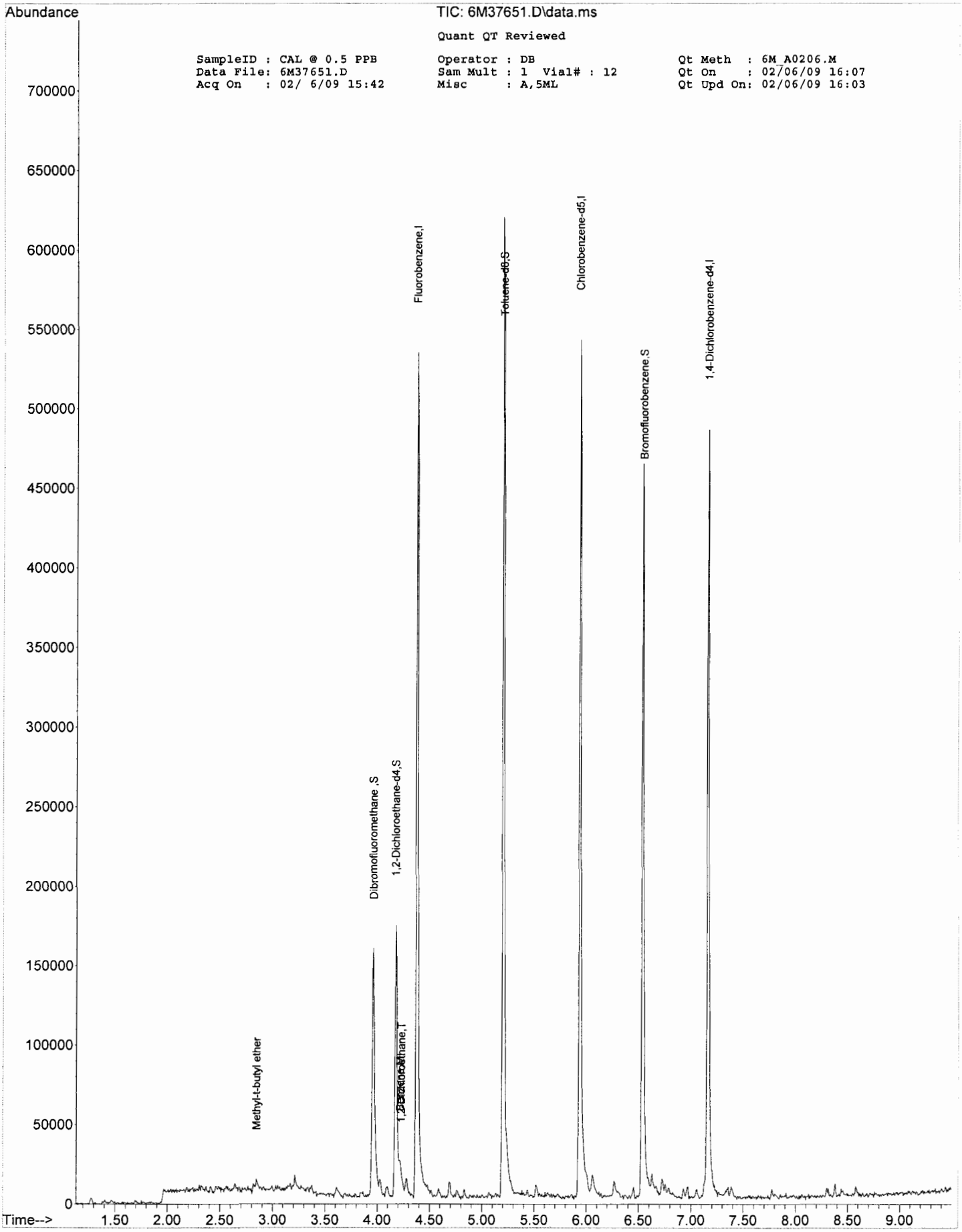
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : DB Qt Meth : 6M_A0206.M
Data File: 6M37651.D Sam Mult : 1 Vial# : 12 Qt On : 02/06/09 16:07
Acq On : 02/ 6/09 15:42 Misc : A,5ML Qt Upd On: 02/06/09 16:03

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	0.000		0	N.D. d	
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D. d	
69) 1,3-Dichlorobenzene	0.000		0	N.D. d	
70) 1,4-Dichlorobenzene	0.000		0	N.D. d	
71) 1,2-Dichlorobenzene	0.000		0	N.D. d	
72) Isopropylbenzene	0.000		0	N.D. d	
73) Cyclohexanone	0.000		0	N.D. d	
74) 1,2,3-Trichloropropane	0.000		0	N.D. d	
75) 2-Chlorotoluene	0.000		0	N.D. d	
76) p-Ethyltoluene	0.000		0	N.D. d	
77) 4-Chlorotoluene	0.000		0	N.D. d	
78) n-Propylbenzene	0.000		0	N.D. d	
79) Bromobenzene	0.000		0	N.D. d	
80) 1,3,5-Trimethylbenzene	0.000		0	N.D. d	
81) t-Butylbenzene	0.000		0	N.D. d	
82) 1,2,4-Trimethylbenzene	0.000		0	N.D. d	
83) sec-Butylbenzene	0.000		0	N.D. d	
84) 4-Isopropyltoluene	0.000		0	N.D. d	
85) n-Butylbenzene	0.000		0	N.D. d	
86) p-Diethylbenzene	0.000		0	N.D. d	
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D. d	
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.	
89) Hexachlorobutadiene	0.000		0	N.D. d	
90) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
91) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	
92) Naphthalene	0.000		0	N.D. d	

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


Abundance
TIC: 6M37651.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 6M37651.D
Acq On : 02/ 6/09 15:42
Operator : DB
Sam Mult : 1 Vial# : 12
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02/06/09 16:07
Qt Upd On: 02/06/09 16:03
Methyl-t-butyl ether
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M42019.	CAL @ 20 PPB	02/23/09 11:08	2	1M42021.	CAL @ 5 PPB	02/23/09 11:42
3	1M42020.	CAL @ 10 PPB	02/23/09 11:25	4	1M42014.	CAL @ 50 PPB	02/23/09 09:43
5	1M42018.	CAL @ 100 PPB	02/23/09 10:51	6	1M42017.	CAL @ 250 PPB	02/23/09 10:34
7	1M42016.	CAL @ 500 PPB	02/23/09 10:17	8	1M42022.	CAL @ 1 PPB	02/23/09 11:59

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.6447	0.6836	0.6479	0.5910	0.5988	0.5788	0.5885	-----	-----	0.619	1.50	1.00	1.00	6.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dichlorodifluoromethan	1	0	Avg	0.2853	0.2855	0.2805	0.2907	0.2771	0.2623	0.2875	-----	-----	0.281	1.48	0.998	1.00	3.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Chloromethane	1	0	Avg	0.2904	0.2848	0.2936	0.3152	0.2855	0.2762	0.2945	-----	-----	0.292	1.63	0.999	1.00	4.2	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromomethane	1	0	Avg	0.0943	0.0726	0.0859	0.0948	0.0668	0.0908	-----	-----	-----	0.0842	1.94	0.986	0.994	14		20.00	5.00	10.00	50.00	100.0	250.0			
Vinyl Chloride	1	0	Avg	0.2323	0.1976	0.2262	0.2355	0.2192	0.2122	0.2061	-----	-----	0.218	1.70	1.00	1.00	6.4	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Chloroethane	1	0	Avg	0.1186	0.1268	0.1173	0.1153	0.1000	0.1010	0.0931	-----	-----	0.110	2.00	0.998	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Trichlorofluoromethane	1	0	Lin	0.3735	0.4402	0.4012	0.3560	0.2946	0.2804	0.2896	-----	-----	0.348	2.20	0.999	0.999	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.2116	0.2012	0.2005	0.2163	0.1875	0.1696	0.1535	-----	-----	0.192	2.58	0.996	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methylene Chloride	1	0	Avg	0.3858	0.4234	0.3836	0.3552	0.3293	0.3112	0.2883	-----	-----	0.354	2.93	0.998	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Acrolein	1	0	Avg	0.0184	0.0149	0.0158	0.0165	0.0179	0.0179	0.0167	-----	-----	0.0169	2.50	0.999	1.00	7.5		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
Acrylonitrile	1	0	Avg	0.0931	0.0782	0.0867	0.0805	0.0822	0.0815	0.0736	-----	-----	0.0823	3.11	0.997	1.00	7.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Iodomethane	1	0	Avg	0.5345	0.4910	0.4959	0.5549	0.5083	0.4566	0.4214	-----	-----	0.495	2.70	0.997	1.00	9.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Acetone	1	0	Lin	0.0783	0.0933	0.0814	0.0612	0.0602	0.0566	0.0506	-----	-----	0.0689	2.60	0.997	1.00	23		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
Carbon Disulfide	1	0	Avg	1.0981	1.0811	1.0502	1.0754	0.9840	0.9170	0.8731	-----	-----	1.01	2.76	0.999	1.00	8.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
t-Butyl Alcohol	1	0	Avg	0.0124	0.0129	0.0121	0.0105	0.0118	0.0118	0.0115	-----	-----	0.0119	2.99	1.00	1.00	6.2		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
n-Hexane	1	0	Avg	0.2686	0.2511	0.2382	0.2686	0.2498	0.2405	0.2309	-----	-----	0.250	3.36	0.999	1.00	5.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Di-isopropyl-ether	1	0	Avg	1.3880	1.2348	1.3050	1.2395	1.2256	1.1197	0.9572	-----	-----	1.21	3.52	0.993	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1-Dichloroethene	1	0	Avg	0.6140	0.5916	0.5627	0.5949	0.5453	0.5054	0.4687	-----	-----	0.555	2.58	0.998	1.00	9.4	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methyl Acetate	1	0	Avg	0.2179	0.2118	0.2212	0.1760	0.1918	0.1821	0.1644	-----	-----	0.195	2.85	0.997	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methyl-t-butyl ether	1	0	Avg	0.5481	0.5210	0.5276	0.4716	0.4990	0.4512	0.3898	0.4171	-----	0.478	3.15	0.994	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethane	1	0	Avg	0.8078	0.7679	0.7677	0.7621	0.7203	0.6751	0.6244	-----	-----	0.732	3.47	0.998	1.00	8.7	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
trans-1.2-Dichloroether	1	0	Avg	0.3299	0.3151	0.3221	0.3189	0.2989	0.2640	0.2427	-----	-----	0.299	3.15	0.997	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
cis-1.2-Dichloroethene	1	0	Avg	0.7424	0.7198	0.7199	0.6962	0.6637	0.5929	0.5209	-----	-----	0.665	3.91	0.995	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromochloromethane	1	0	Avg	0.4562	0.4431	0.4281	0.3330	0.3992	0.3681	0.3349	-----	-----	0.395	4.08	0.997	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2.2-Dichloropropane	1	0	Avg	0.3855	0.3656	0.3845	0.4040	0.3501	0.3237	0.2873	-----	-----	0.357	3.92	0.995	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.4-Dioxane	1	0	Avg	0.0027	0.0023	0.0023	0.0025	0.0023	0.0020	0.0018	-----	-----	0.00233	5.11	0.996	1.00	13		1000.	250.0	500.0	2500.	5000.	1250	2500		
1.1-Dichloropropene	1	0	Avg	0.5169	0.4825	0.4920	0.5056	0.4438	0.3746	-----	-----	-----	0.469	4.38	0.993	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0			
Chloroform	1	0	Avg	0.6828	0.6707	0.6863	0.6338	0.6103	0.5637	0.5147	-----	-----	0.623	4.13	0.998	1.00	10	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dibromofluoromethane	1	0	Avg	0.2735	0.2806	0.2678	0.2719	0.2755	0.2802	0.2736	0.2819	-----	0.276	4.24	-1	-1	1.8		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Cyclohexane	1	0	Avg	0.5189	0.4369	0.4754	0.5138	0.4712	0.4444	0.4004	-----	-----	0.466	4.33	0.997	1.00	9.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dichloroethane-d4	1	0	Avg	0.0521	0.0535	0.0523	0.0505	0.0504	0.0514	0.0495	0.0538	-----	0.0517	4.47	-1	-1	3.0		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1.2-Dichloroethane	1	0	Avg	0.5309	0.5325	0.5401	0.4659	0.4412	0.3735	-----	-----	-----	0.481	4.51	0.995	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0			
2-Butanone	1	0	LinF	0.1307	0.1618	0.1290	0.1018	0.1059	0.0972	0.0809	-----	-----	0.115	3.91	0.991	1.00	23		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1.1-Trichloroethane	1	0	Avg	0.4697	0.4792	0.4700	0.4796	0.4212	0.3912	0.3471	-----	-----	0.437	4.28	0.996	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Carbon Tetrachloride	1	0	Avg	0.3797	0.3796	0.3762	0.3863	0.3257	0.2843	-----	-----	-----	0.355	4.39	0.994	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0			
Vinyl Acetate	1	0	Avg	1.1593	1.0452	1.0920	1.0101	1.0463	0.9653	0.8508	-----	-----	1.02	3.52	0.995	1.00	9.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromodichloromethane	1	0	Avg	0.5521	0.5488	0.5605	0.5277	0.4942	0.4539	0.3962	-----	-----	0.505	5.19	0.995	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methylcyclohexane	1	0	Avg	0.4505	0.4107	0.4381	0.4600	0.4136	0.3547	-----	-----	-----	0.421	5.03	0.994	1.00	9.0		20.00	5.00	10.00	50.00	100.0	250.0			
Dibromomethane	1	0	Avg	0.2570	0.2812	0.2634	0.2320	0.2202	0.1979	-----	-----	-----	0.242	5.11	0.998	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
1.2-Dichloropropane	1	0	Avg	0.4313	0.4085	0.4173	0.3936	0.3752	0.3227	-----	-----	-----	0.391	5.03	0.996	1.00	9.9	*(30)	20.00	5.00	10.00	50.00	100.0	250.0			
Trichloroethene	1	0	Avg	0.3980	0.3881	0.3876	0.3861	0.3470	0.3050	-----	-----	-----	0.369	4.90	0.996	1.00	9.7		20.00	5.00	10.00	50.00	100.0	250.0			

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.9
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0288

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M42019.	CAL @ 20 PPB	02/23/09 11:08	2	1M42021.	CAL @ 5 PPB	02/23/09 11:42
3	1M42020.	CAL @ 10 PPB	02/23/09 11:25	4	1M42014.	CAL @ 50 PPB	02/23/09 09:43
5	1M42018.	CAL @ 100 PPB	02/23/09 10:51	6	1M42017.	CAL @ 250 PPB	02/23/09 10:34
7	1M42016.	CAL @ 500 PPB	02/23/09 10:17	8	1M42022.	CAL @ 1 PPB	02/23/09 11:59

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	Avg	1.4573	1.4417	1.4673	1.3630	1.2060	0.9899	-----	1.5890	-----	1.36	4.51	0.990	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
tert-Amyl methyl ether	1	0	Avg	0.6034	0.5404	0.5890	0.5217	0.5755	0.5222	0.4447	-----	-----	0.542	4.57	0.992	1.00	9.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dibromochloromethane	1	0	Avg	0.4640	0.4434	0.4482	0.4244	0.4134	0.3931	0.3663	-----	-----	0.422	6.14	0.999	1.00	8.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Chloroethylvinylether	1	0	Avg	0.1796	0.1352	0.1580	0.1797	0.1820	0.1881	0.1842	-----	-----	0.172	5.35	1.00	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
cis-1.3-Dichloropropene	1	0	Avg	0.7356	0.6541	0.6719	0.7094	0.6805	0.6620	0.6134	-----	-----	0.675	5.45	0.998	1.00	5.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
trans-1.3-Dichloroprope	1	0	Avg	0.6109	0.5701	0.5716	0.5788	0.5661	0.5638	0.5194	-----	-----	0.569	5.78	0.998	1.00	4.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1.2-Trichloroethane	1	0	Avg	0.3478	0.3643	0.3352	0.2976	0.2943	0.2863	0.2629	-----	-----	0.313	5.90	0.998	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dibromoethane	1	0	Avg	0.3626	0.3661	0.3517	0.3162	0.3191	0.3151	0.2970	-----	-----	0.333	6.22	0.999	1.00	8.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3-Dichloropropane	1	0	Avg	0.6552	0.6507	0.6455	0.5766	0.5517	0.4959	-----	-----	-----	0.596	5.99	0.998	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0			
4-Methyl-2-Pentanone	1	0	Avg	0.3047	0.2885	0.2809	0.2451	0.2781	0.2853	0.2709	-----	-----	0.279	5.53	0.999	1.00	6.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Hexanone	1	0	Avg	0.2170	0.1837	0.1998	0.1703	0.1948	0.1953	0.1769	-----	-----	0.191	6.02	0.997	0.999	8.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Tetrachloroethene	1	0	Avg	0.3981	0.4212	0.4036	0.3904	0.3400	0.2845	-----	-----	-----	0.373	6.00	0.992	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0			
Toluene-d8	1	0	Avg	0.8449	0.8459	0.8319	0.8587	0.8402	0.8962	0.9535	0.8101	-----	0.860	5.63	-1	-1	5.2		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	LinF	1.1574	1.1550	1.1414	1.0914	0.9629	0.8464	-----	1.5308	-----	1.13	5.67	0.995	1.00	19	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.4482	0.4438	0.4491	0.4107	0.3699	0.3174	-----	-----	-----	0.407	6.55	0.995	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
Chlorobenzene	1	0	Avg	1.2438	1.2797	1.2663	1.1488	1.0648	0.9243	-----	-----	-----	1.15	6.51	0.996	1.00	12	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0			
Bromoform	1	0	Avg	0.5509	0.5342	0.5142	0.4875	0.5107	0.5019	0.4928	-----	-----	0.513	7.01	1.00	1.00	4.4	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Ethylbenzene	1	0	Avg	0.8011	0.7757	0.7619	0.7355	0.7060	0.5613	-----	0.8821	-----	0.746	6.57	0.989	1.00	13	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	0.7338	0.7072	0.7065	0.5887	0.6428	0.6178	0.6031	-----	-----	0.657	7.25	1.00	1.00	8.8	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromofluorobenzene	1	0	Avg	0.8370	0.8004	0.7940	0.8368	0.8601	0.9086	1.0119	0.7882	-----	0.855	7.20	-1	-1	8.8		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	2.3495	2.0562	2.1767	2.0956	1.9413	-----	-----	-----	-----	2.12	6.87	0.997	1.00	7.2		20.00	5.00	10.00	50.00	100.0				
m&p-Xylenes	1	0	Avg	1.3448	1.2416	1.2663	1.2196	1.0679	-----	-----	1.3405	-----	1.25	6.63	0.994	1.00	8.1		40.00	10.00	20.00	100.0	200.0			2.00	
o-Xylene	1	0	Avg	1.4306	1.3175	1.3258	1.3125	1.1763	0.8818	-----	1.4554	-----	1.27	6.87	0.979	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
trans-1.4-Dichloro-2-bu	1	0	Avg	0.2457	0.2109	0.2180	0.1977	0.2183	0.2115	0.2013	-----	-----	0.215	7.28	0.999	1.00	7.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3-Dichlorobenzene	1	0	Avg	1.7096	1.6593	1.6518	1.4757	1.4243	1.1122	-----	-----	-----	1.51	7.88	0.988	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0			
1.4-Dichlorobenzene	1	0	Avg	1.6820	1.7629	1.6143	1.4090	1.4653	1.2306	-----	-----	-----	1.53	7.93	0.995	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0			
1.2-Dichlorobenzene	1	0	Avg	1.6780	1.6630	1.5818	1.4059	1.4606	1.2549	1.0932	-----	-----	1.45	8.17	0.993	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Isopropylbenzene	1	0	Avg	3.6440	3.2107	3.3664	3.4663	3.2192	2.6553	-----	2.8168	-----	3.20	7.09	0.991	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Cyclohexanone	1	0	Avg	0.0220	0.0236	0.0202	0.0184	0.0196	0.0200	0.0202	-----	-----	0.0206	7.16	1.00	1.00	8.3		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
1.2.3-Trichloropropane	1	0	Avg	0.9210	0.8795	0.8475	0.7591	0.7998	0.7649	0.6952	-----	-----	0.810	7.29	0.998	1.00	9.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Chlorotoluene	1	0	Avg	2.0369	1.9331	2.0277	1.7988	1.6640	-----	-----	-----	-----	1.89	7.41	0.998	1.00	8.4		20.00	5.00	10.00	50.00	100.0				
p-Ethyltoluene	1	0	Avg	3.4439	3.6998	3.2808	3.0570	3.4616	-----	-----	-----	-----	3.39	7.40	0.996	0.999	7.0		20.00	5.00	10.00	50.00	100.0				
4-Chlorotoluene	1	0	Avg	2.0170	1.9141	1.9061	1.8241	1.7955	1.4318	-----	-----	-----	1.81	7.47	0.990	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0			
n-Propylbenzene	1	0	Avg	4.1188	3.6566	3.7930	3.7651	3.6377	2.9891	2.5408	3.6923	-----	3.52	7.34	0.989	0.999	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	LinF	2.1732	2.0449	2.0671	1.9223	1.9165	1.7058	1.5216	-----	-----	1.91	7.30	0.996	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3.5-Trimethylbenzene	1	0	LinF	3.2111	2.3370	3.0264	2.8237	2.1484	2.2244	-----	2.3984	-----	2.60	7.43	0.996	0.996	16		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
t-Butylbenzene	1	0	Avg	3.0503	2.6808	2.8500	2.8589	2.6346	2.1687	-----	2.5211	-----	2.68	7.65	0.991	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.2.4-Trimethylbenzene	1	0	Avg	3.1916	3.0055	2.9738	2.7834	2.7454	2.2146	-----	3.3200	-----	2.89	7.67	0.991	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
sec-Butylbenzene	1	0	Avg	3.7680	3.3311	3.4674	3.4841	3.3342	2.8011	2.2949	2.8665	-----	3.17	7.79	0.986	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	2.8573	2.4938	2.6320	2.6177	2.5385	1.9766	-----	2.1265	-----	2.46	7.87	0.986	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
n-Butylbenzene	1	0	Avg	3.0783	2.7652	2.7554	2.6863	2.8945	2.3468	1.9587	2.4591	-----	2.62	8.12	0.987	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.9

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8260B

Form 6
Initial Calibration

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M42019.	CAL @ 20 PPB	02/23/09 11:08	2	1M42021.	CAL @ 5 PPB	02/23/09 11:42
3	1M42020.	CAL @ 10 PPB	02/23/09 11:25	4	1M42014.	CAL @ 50 PPB	02/23/09 09:43
5	1M42018.	CAL @ 100 PPB	02/23/09 10:51	6	1M42017.	CAL @ 250 PPB	02/23/09 10:34
7	1M42016.	CAL @ 500 PPB	02/23/09 10:17	8	1M42022.	CAL @ 1 PPB	02/23/09 11:59

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	Avg	1.7225	1.4230	1.5209	1.5240	1.6137	1.2738	-----	-----	-----	1.51	8.10	0.989	0.999	10	20.00	5.00	10.00	50.00	100.0	250.0			
1.2.4.5-Tetramethylber	1	0	Avg	2.7215	2.1895	2.3600	2.3488	2.5892	2.1424	1.8204	-----	-----	2.31	8.61	0.989	0.999	13	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dibromo-3-Chloropr	1	0	Avg	0.1695	0.1438	0.1514	0.1183	0.1483	0.1482	0.1426	-----	-----	0.146	8.67	0.999	0.999	10	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Hexachlorobutadiene	1	0	Avg	0.8426	0.7770	0.7335	0.7271	0.7886	0.7042	0.6332	-----	-----	0.744	9.32	0.996	1.00	9.0	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2.4-Trichlorobenzene	1	0	Avg	1.0910	0.9331	0.9326	0.8137	1.0270	0.8592	0.7707	-----	-----	0.918	9.22	0.994	0.999	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2.3-Trichlorobenzene	1	0	LinF	1.2536	1.1409	1.0825	0.8344	1.0290	0.8830	0.7722	-----	-----	0.999	9.54	0.993	0.999	18	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Naphthalene	1	0	LinF	2.4365	1.9390	1.9599	1.3747	1.8244	1.5714	1.3758	3.1762	-----	1.96	9.39	0.993	0.998	31	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.9
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0290

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42019.D Sam Mult : 1 Vial# : 9 Qt On : 02/23/09 11:44
Acq On : 02/23/09 11:08 Misc : S,5G Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.675	96	213252	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.498	117	168840	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.917	152	95684	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.241	111	58329	31.37	ug/l	0.01
Spiked Amount 30.000			Recovery = 104.57%			
32) 1,2-Dichloroethane-d4	4.458	102	11123	31.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.93%			
56) Toluene-d8	5.631	100	142668	28.73	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.77%			
64) Bromofluorobenzene	7.198	174	80091	29.21	ug/l	0.01
Spiked Amount 30.000			Recovery = 97.37%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.510	51	91669	16.67	ug/l	99
3) Dichlorodifluoromethane	1.493	85	40567	11.56	ug/l	97
4) Chloromethane	1.627	50	41294	16.91	ug/l	93
5) Bromomethane	1.945	94	13412	18.43	ug/l	98
6) Vinyl Chloride	1.694	62	33030	16.76	ug/l	95
7) Chloroethane	2.012	64	16871	20.35	ug/l	91
8) Trichlorofluoromethane	2.197	101	53106	15.85	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.575	101	30091	14.92	ug/l	94
10) Methylene Chloride	2.930	84	54858	22.77	ug/l	97
11) Acrolein	2.497	56	13106	103.97	ug/l	99
12) Acrylonitrile	3.098	53	13248	24.17	ug/l	94
13) Iodomethane	2.703	142	75992	19.15	ug/l	66
14) Acetone	2.605	43	55713	125.42	ug/l	99
15) Carbon Disulfide	2.763	76	156128	17.91	ug/l	100
16) t-Butyl Alcohol	2.989	59	8868	125.18	ug/l	99
17) n-Hexane	3.364	57	38198	13.24	ug/l	88
18) Di-isopropyl-ether	3.522	45	197341	21.89	ug/l	88
19) 1,1-Dichloroethene	2.585	61	87296	17.80	ug/l	93
20) Methyl Acetate	2.851	43	30981	24.81	ug/l	100
21) Methyl-t-butyl ether	3.147	73	77925	25.55	ug/l	80
22) 1,1-Dichloroethane	3.472	63	114843	21.87	ug/l	95
23) trans-1,2-Dichloroethene	3.147	96	46901	19.13	ug/l	87
24) cis-1,2-Dichloroethene	3.916	61	105545	20.86	ug/l	94
25) Bromochloromethane	4.083	49	64868	25.57	ug/l	69
26) 2,2-Dichloropropane	3.926	77	54819	18.30	ug/l	94
27) 1,4-Dioxane	5.108	88	19770	1365.77	ug/l	85
28) 1,1-Dichloropropene	4.379	75	73486	17.00	ug/l	96
29) Chloroform	4.133	83	97074	22.78	ug/l	98
31) Cyclohexane	4.320	56	73773	14.93	ug/l	89
33) 1,2-Dichloroethane	4.507	62	75486	22.43	ug/l	99
34) 2-Butanone	3.916	43	18584	24.35	ug/l	84
35) 1,1,1-Trichloroethane	4.271	97	66779	19.12	ug/l	98
36) Carbon Tetrachloride	4.389	117	53988	18.73	ug/l	95
37) Vinyl Acetate	3.522	43	164817	22.94	ug/l	100
38) Bromodichloromethane	5.187	83	78503	21.92	ug/l	96
39) Methylcyclohexane	5.029	83	64057	14.20	ug/l	80
40) Dibromomethane	5.108	174	36550	23.42	ug/l	92
41) 1,2-Dichloropropane	5.029	63	61321	20.67	ug/l	93
42) Trichloroethene	4.901	130	56595	19.10	ug/l	94
43) Benzene	4.507	78	207183	18.43	ug/l	100
44) tert-Amyl methyl ether	4.566	73	85787	24.04	ug/l	76
46) Dibromochloromethane	6.143	129	52232	23.64	ug/l	98
47) 2-Chloroethylvinylether	5.355	63	20220	21.18	ug/l	91
48) cis-1,3-Dichloropropene	5.453	75	82800	20.61	ug/l	96
49) trans-1,3-Dichloropropene	5.778	75	68772	21.71	ug/l	99
50) 1,1,2-Trichloroethane	5.887	97	39148	23.63	ug/l	94
51) 1,2-Dibromoethane	6.222	107	40821	23.05	ug/l	98
52) 1,3-Dichloropropane	5.995	76	73754	22.97	ug/l	96
53) 4-Methyl-2-Pentanone	5.532	43	34297	21.82	ug/l	92
54) 2-Hexanone	6.025	43	24432	23.80	ug/l	96
55) Tetrachloroethene	6.005	164	44816	15.68	ug/l	93
57) Toluene	5.670	92	130287	17.04	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.547	133	50450	22.78	ug/l	96
59) Chlorobenzene	6.508	112	140009	20.34	ug/l	99
61) Bromoform	7.010	173	35147	23.04	ug/l	99
62) Ethylbenzene	6.567	106	51104	16.86	ug/l	96
63) 1,1,2,2-Tetrachloroethane	7.247	83	46813	22.55	ug/l	86
65) Styrene	6.872	104	149878	20.10	ug/l	91
66) m&p-Xylenes	6.626	106	171569	35.78	ug/l	97

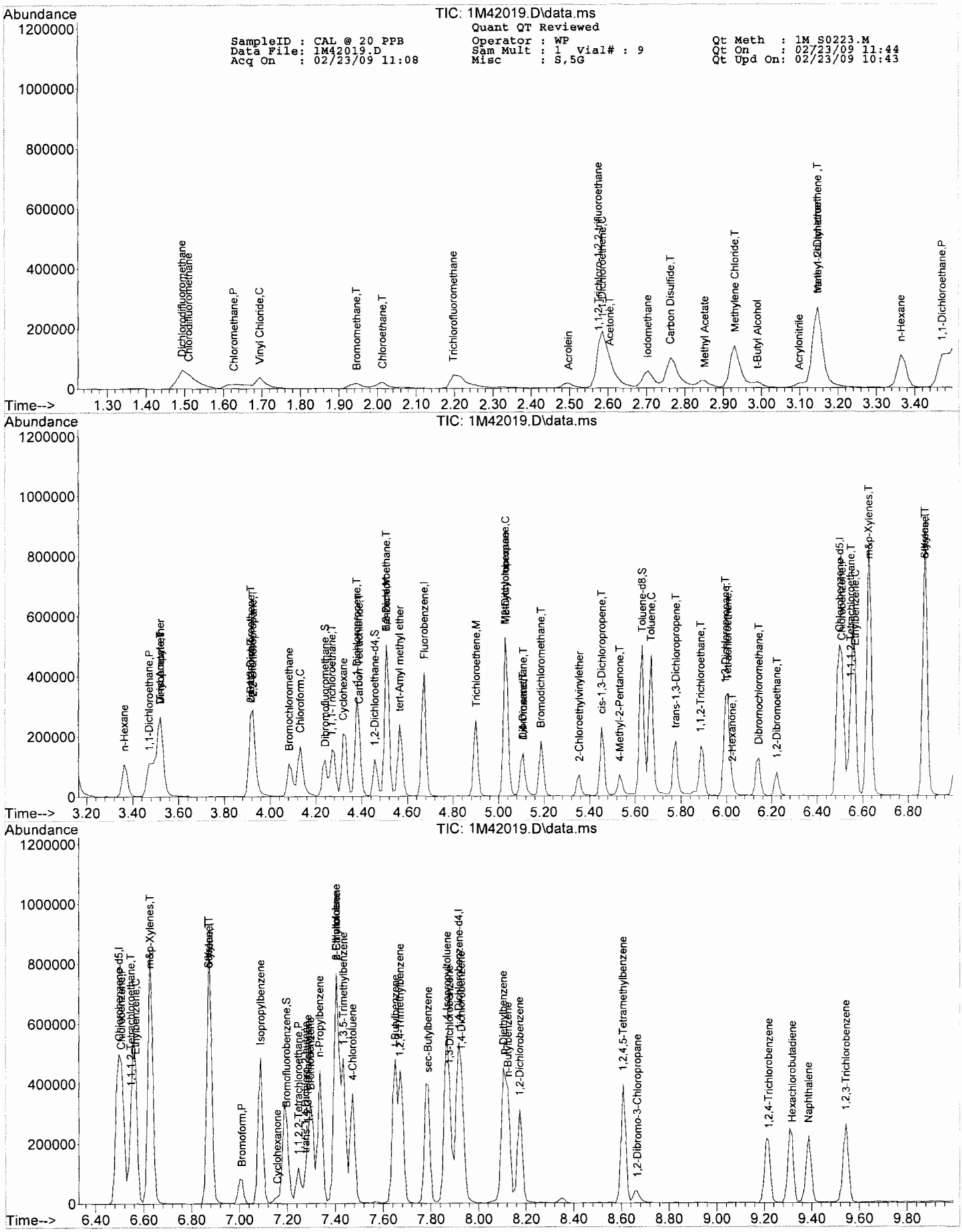
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42019.D Sam Mult : 1 Vial# : 9 Qt On : 02/23/09 11:44
Acq On : 02/23/09 11:08 Misc : S,5G Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.872	106	91259	19.83 ug/l	90
68) trans-1,4-Dichloro-2-b...	7.277	53	15674	21.25 ug/l	88
69) 1,3-Dichlorobenzene	7.878	146	109059	17.50 ug/l	96
70) 1,4-Dichlorobenzene	7.927	146	107296	17.95 ug/l	93
71) 1,2-Dichlorobenzene	8.173	146	107042	19.72 ug/l	95
72) Isopropylbenzene	7.089	105	232454	19.49 ug/l	98
73) Cyclohexanone	7.158	55	7028	107.77 ug/l	98
74) 1,2,3-Trichloropropane	7.286	75	58751	22.50 ug/l	92
75) 2-Chlorotoluene	7.405	91	129937	17.43 ug/l	98
76) p-Ethyltoluene	7.405	105	219686	15.08 ug/l	99
77) 4-Chlorotoluene	7.474	91	128668	16.98 ug/l	99
78) n-Propylbenzene	7.336	91	262741	17.74 ug/l	98
79) Bromobenzene	7.296	77	138633	18.71 ug/l	90
80) 1,3,5-Trimethylbenzene	7.434	105	204839m	20.83 ug/l	
81) t-Butylbenzene	7.651	119	194577	20.21 ug/l	92
82) 1,2,4-Trimethylbenzene	7.671	105	203594	18.65 ug/l	97
83) sec-Butylbenzene	7.789	105	240364	17.95 ug/l	98
84) 4-Isopropyltoluene	7.868	119	182269	17.31 ug/l	95
85) n-Butylbenzene	8.124	91	196363	14.55 ug/l	98
86) p-Diethylbenzene	8.104	119	109883	15.84 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.607	119	173603	18.68 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.666	157	10814	24.18 ug/l	92
89) Hexachlorobutadiene	9.317	225	53750	15.67 ug/l	98
90) 1,2,4-Trichlorobenzene	9.218	180	69597	16.61 ug/l	97
91) 1,2,3-Trichlorobenzene	9.543	180	79971	20.37 ug/l	96
92) Naphthalene	9.386	128	155428	28.07 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 1M42019.D
Acq On : 02/23/09 11:08
Operator : WP
Sam Mult : 1 Vial# : 9
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/09 11:44
Qt Upd On: 02/23/09 10:43
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42021.D Sam Mult : 1 Vial# : 11 Qt On : 02/23/09 11:59
Acq On : 02/23/09 11:42 Misc : S,5G Qt Upd On: 02/23/09 11:48

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.674	96	222354	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.497	117	175560	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.916	152	104091	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.240	111	62412	30.76	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.53%			
32) 1,2-Dichloroethane-d4	4.457	102	11916	31.47	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.90%			
56) Toluene-d8	5.630	100	148510	29.14	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.13%			
64) Bromofluorobenzene	7.197	174	83316	27.45	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.50%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.500	51	25337	5.62	ug/l	95
3) Dichlorodifluoromethane	1.484	85	10582	5.09	ug/l	94
4) Chloromethane	1.634	50	10556	4.87	ug/l	97
5) Bromomethane	1.936	94	2692	4.42	ug/l	93
6) Vinyl Chloride	1.701	62	7323	4.45	ug/l	96
7) Chloroethane	2.003	64	4700	5.89	ug/l	88
8) Trichlorofluoromethane	2.204	101	16315	6.62	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.584	101	7457	5.30	ug/l	93
10) Methylene Chloride	2.929	84	15693	6.19	ug/l	97
11) Acrolein	2.496	56	2772	21.70	ug/l	87
12) Acrylonitrile	3.107	53	2899	4.71	ug/l	92
13) Iodomethane	2.703	142	18197	4.96	ug/l	70
14) Acetone	2.604	43	17305	36.05	ug/l	98
15) Carbon Disulfide	2.762	76	40067	5.41	ug/l	100
16) t-Butyl Alcohol	2.988	59	2397	27.53	ug/l	67
17) n-Hexane	3.363	57	9309	5.03	ug/l	87
18) Di-isopropyl-ether	3.521	45	45763	5.12	ug/l	86
19) 1,1-Dichloroethene	2.584	61	21926	5.39	ug/l	88
20) Methyl Acetate	2.850	43	7852	5.51	ug/l	100
21) Methyl-t-butyl ether	3.146	73	19308	5.41	ug/l	79
22) 1,1-Dichloroethane	3.471	63	28460	5.29	ug/l	98
23) trans-1,2-Dichloroethene	3.146	96	11679	5.32	ug/l	84
24) cis-1,2-Dichloroethene	3.915	61	26677	5.49	ug/l	87
25) Bromochloromethane	4.082	49	16424	5.73	ug/l	65
26) 2,2-Dichloropropane	3.925	77	13551	5.14	ug/l	91
27) 1,4-Dioxane	5.107	88	4352	252.24	ug/l	70
28) 1,1-Dichloropropene	4.378	75	17884	5.50	ug/l	96
29) Chloroform	4.132	83	24857	5.45	ug/l	100
31) Cyclohexane	4.329	56	16191	4.64	ug/l	93
33) 1,2-Dichloroethane	4.506	62	19737	6.02	ug/l	97
34) 2-Butanone	3.915	43	5996	7.52	ug/l	84
35) 1,1,1-Trichloroethane	4.279	97	17761	5.57	ug/l	92
36) Carbon Tetrachloride	4.388	117	14068	5.72	ug/l	99
37) Vinyl Acetate	3.521	43	38737	5.12	ug/l	100
38) Bromodichloromethane	5.186	83	20338	5.52	ug/l	99
39) Methylcyclohexane	5.028	83	15221	5.15	ug/l	83
40) Dibromomethane	5.107	174	10422	6.30	ug/l	95
41) 1,2-Dichloropropane	5.028	63	15139	5.59	ug/l	86
42) Trichloroethene	4.900	130	14384	5.61	ug/l	95
43) Benzene	4.516	78	53431	5.97	ug/l	100
44) tert-Amyl methyl ether	4.565	73	20027	4.98	ug/l	70
46) Dibromochloromethane	6.142	129	12974	5.30	ug/l	91
47) 2-Chloroethylvinylether	5.354	63	3958	3.79	ug/l	92
48) cis-1,3-Dichloropropene	5.452	75	19140	4.82	ug/l	96
49) trans-1,3-Dichloropropene	5.778	75	16681	5.01	ug/l	95
50) 1,1,2-Trichloroethane	5.896	97	10660	5.99	ug/l	97
51) 1,2-Dibromoethane	6.221	107	10712	5.60	ug/l	99
52) 1,3-Dichloropropane	5.994	76	19042	5.85	ug/l	87
53) 4-Methyl-2-Pentanone	5.531	43	8444	5.20	ug/l	96
54) 2-Hexanone	6.024	43	5377	4.78	ug/l	97
55) Tetrachloroethene	6.004	164	12326	6.17	ug/l	86
57) Toluene	5.669	92	33796	5.85	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.546	133	12987	5.91	ug/l	88
59) Chlorobenzene	6.507	112	37446	5.97	ug/l	97
61) Bromoform	7.009	173	9269	5.24	ug/l	96
62) Ethylbenzene	6.566	106	13458	5.85	ug/l	95
63) 1,1,2,2-Tetrachloroethane	7.246	83	12270	5.45	ug/l	88
65) Styrene	6.872	104	35673	5.58	ug/l	82
66) m&p-Xylenes	6.625	106	43080	11.84	ug/l	94

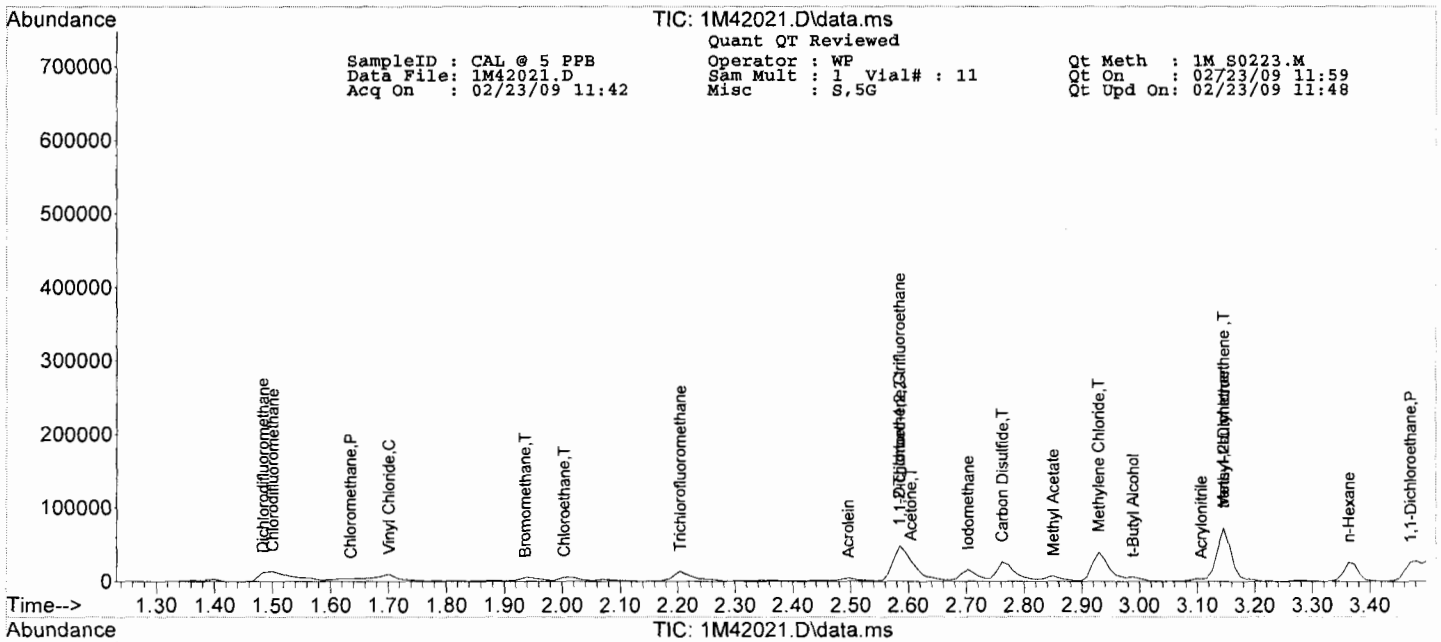
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42021.D Sam Mult : 1 Vial# : 11 Qt On : 02/23/09 11:59
Acq On : 02/23/09 11:42 Misc : S,5G Qt Upd On: 02/23/09 11:48

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67)	o-Xylene	6.872	106	22858	5.82	ug/l		90
68)	trans-1,4-Dichloro-2-b...	7.276	53	3659	4.89	ug/l	#	89
69)	1,3-Dichlorobenzene	7.877	146	28787	6.04	ug/l		93
70)	1,4-Dichlorobenzene	7.926	146	30585	6.24	ug/l		83
71)	1,2-Dichlorobenzene	8.172	146	28852	5.89	ug/l		98
72)	Isopropylbenzene	7.088	105	55701	5.19	ug/l		98
73)	Cyclohexanone	7.157	55	2052m	29.41	ug/l		
74)	1,2,3-Trichloropropane	7.285	75	15258	5.51	ug/l		96
75)	2-Chlorotoluene	7.414	91	33538	6.02	ug/l		97
76)	p-Ethyltoluene	7.404	105	64187	6.46	ug/l		97
77)	4-Chlorotoluene	7.473	91	33208	5.68	ug/l		95
78)	n-Propylbenzene	7.335	91	63437	5.26	ug/l		98
79)	Bromobenzene	7.295	77	35477	5.43	ug/l		91
80)	1,3,5-Trimethylbenzene	7.433	105	40545m	4.71	ug/l		
81)	t-Butylbenzene	7.650	119	46509	5.27	ug/l		91
82)	1,2,4-Trimethylbenzene	7.670	105	52141	5.76	ug/l		89
83)	sec-Butylbenzene	7.788	105	57791	5.22	ug/l		96
84)	4-Isopropyltoluene	7.867	119	43265	5.30	ug/l		95
85)	n-Butylbenzene	8.123	91	47973	5.28	ug/l		98
86)	p-Diethylbenzene	8.103	119	24688	4.92	ug/l		95
87)	1,2,4,5-Tetramethylben...	8.606	119	37985	4.70	ug/l		99
88)	1,2-Dibromo-3-Chloropr...	8.665	157	2495	4.91	ug/l		79
89)	Hexachlorobutadiene	9.316	225	13480	5.26	ug/l		97
90)	1,2,4-Trichlorobenzene	9.217	180	16188	5.09	ug/l		98
91)	1,2,3-Trichlorobenzene	9.542	180	19794	5.85	ug/l		96
92)	Naphthalene	9.385	128	33640	5.52	ug/l		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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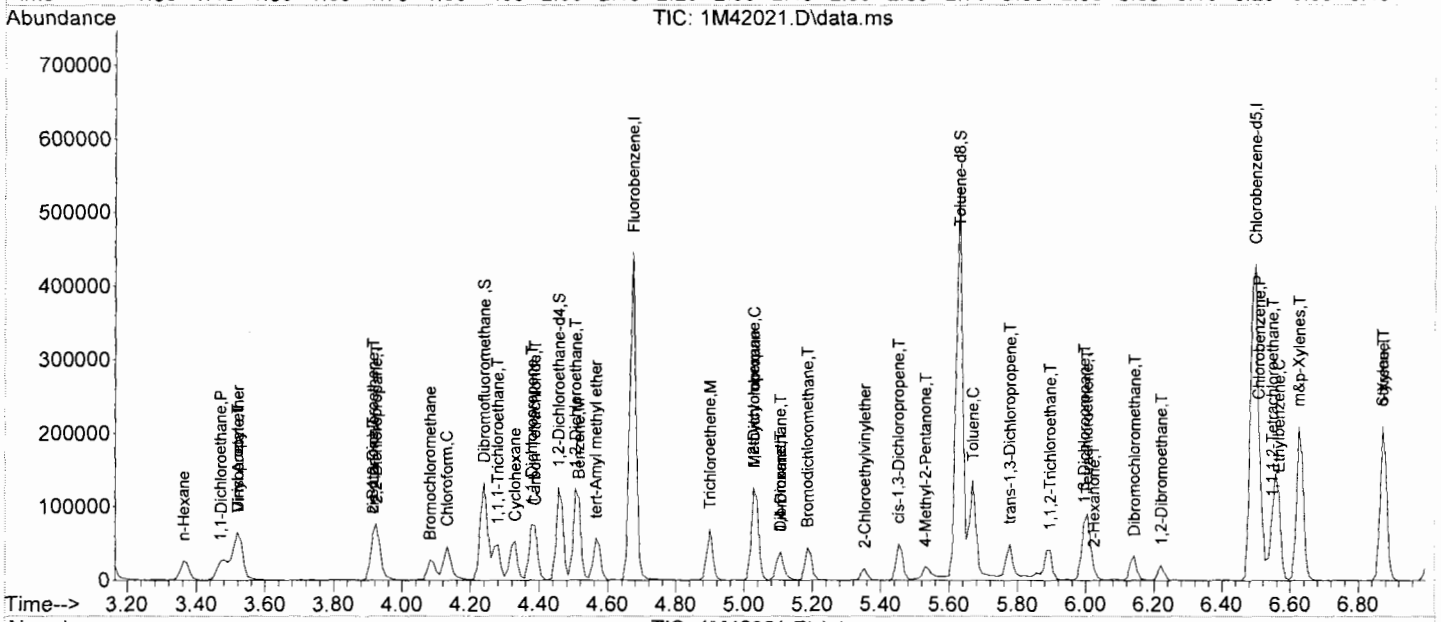
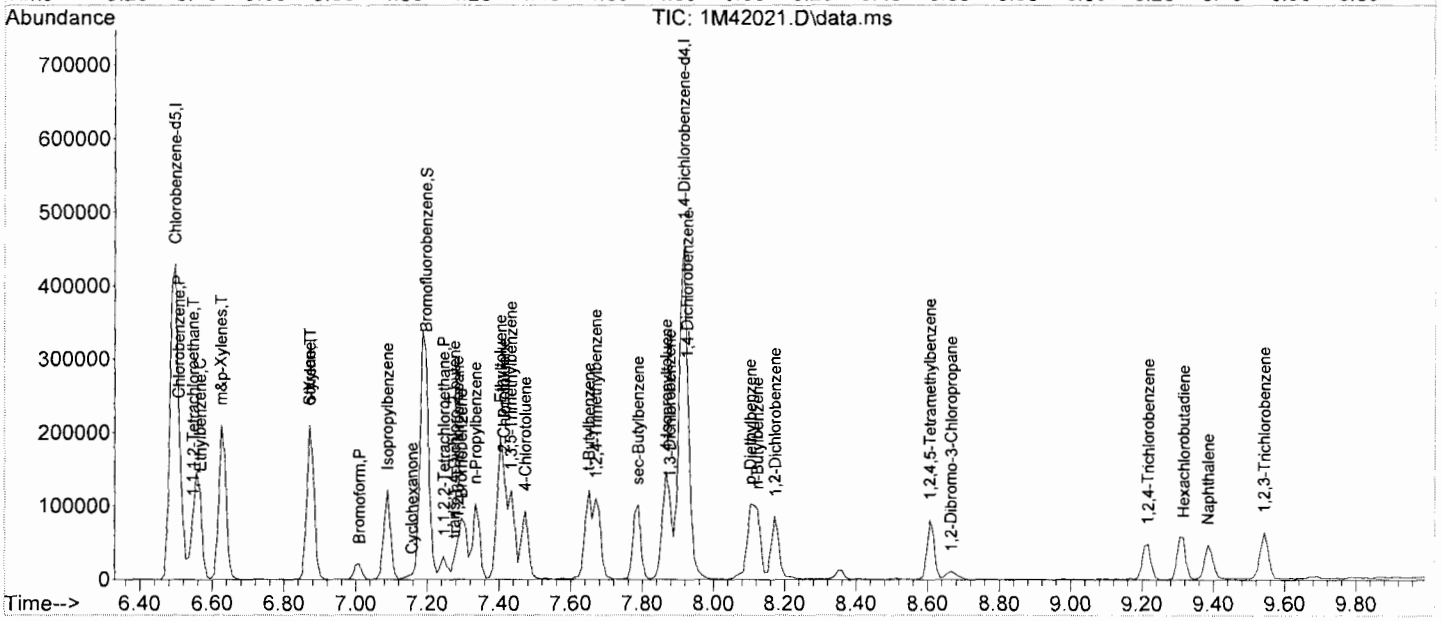
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 1M42021.D
Acq On : 02/23/09 11:42
Operator : WP
Sam Mult : 1 Vial# : 11
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02723/09 11:59
Qt Upd On: 02/23/09 11:48
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,I
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M42021.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
Benzene,T
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
1,1,1,2-Tetrachloroethane,T
Ethylbenzene,C
m&p-Xylenes,T
Time-->


Abundance
TIC: 1M42021.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
1,1,1,2-Tetrachloroethane,T
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,I
sec-Butylbenzene
p-Diethylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB
Data File: 1M42020.D
Acq On : 02/23/09 11:25

Operator : WP
Sam Mult : 1 Vial# : 10
Misc : S,5G

Qt Meth : 1M_S0223.M
Qt On : 02/23/09 11:45
Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.675	96	223550	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.488	117	180571	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.917	152	106559	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.241	111	59876	30.72	ug/l	0.01
Spiked Amount 30.000			Recovery = 102.40%			
32) 1,2-Dichloroethane-d4	4.458	102	11708	31.91	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.37%			
56) Toluene-d8	5.631	100	150230	28.28	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.27%			
64) Bromofluorobenzene	7.198	174	84615	27.71	ug/l	0.01
Spiked Amount 30.000			Recovery = 92.37%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.510	51	48286	8.38	ug/l	97
3) Dichlorodifluoromethane	1.494	85	20907	5.68	ug/l	92
4) Chloromethane	1.644	50	21881	8.55	ug/l	97
5) Bromomethane	1.946	94	6402	8.39	ug/l	85
6) Vinyl Chloride	1.695	62	16857	8.16	ug/l	94
7) Chloroethane	2.013	64	8741	10.06	ug/l	93
8) Trichlorofluoromethane	2.214	101	29898	8.51	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.585	101	14945	7.07	ug/l	94
10) Methylene Chloride	2.930	84	28586	11.32	ug/l	98
11) Acrolein	2.497	56	5905	44.69	ug/l	87
12) Acrylonitrile	3.098	53	6462	11.24	ug/l	97
13) Iodomethane	2.704	142	36955	8.88	ug/l	66
14) Acetone	2.605	43	30331	65.14	ug/l	99
15) Carbon Disulfide	2.763	76	78263	8.57	ug/l	100
16) t-Butyl Alcohol	2.989	59	4527	60.96	ug/l	75
17) n-Hexane	3.364	57	17752	5.87	ug/l	86
18) Di-isopropyl-ether	3.522	45	97251	10.29	ug/l	90
19) 1,1-Dichloroethene	2.585	61	41934	8.16	ug/l	96
20) Methyl Acetate	2.852	43	16489	12.60	ug/l	100
21) Methyl-t-butyl ether	3.147	73	39319	12.30	ug/l	79
22) 1,1-Dichloroethane	3.472	63	57212	10.39	ug/l	98
23) trans-1,2-Dichloroethene	3.147	96	24007	9.34	ug/l	79
24) cis-1,2-Dichloroethene	3.916	61	53646	10.12	ug/l	91
25) Bromochloromethane	4.083	49	31906	12.00	ug/l	79
26) 2,2-Dichloropropane	3.926	77	28658	9.12	ug/l	95
27) 1,4-Dioxane	5.108	88	8915	587.51	ug/l	79
28) 1,1-Dichloropropene	4.379	75	36667	8.09	ug/l	93
29) Chloroform	4.133	83	51143	11.45	ug/l	100
31) Cyclohexane	4.320	56	35429	6.84	ug/l	90
33) 1,2-Dichloroethane	4.507	62	40248	11.41	ug/l	97
34) 2-Butanone	3.916	43	9613	12.02	ug/l	87
35) 1,1,1-Trichloroethane	4.281	97	35023	9.57	ug/l	99
36) Carbon Tetrachloride	4.389	117	28034	9.28	ug/l	92
37) Vinyl Acetate	3.522	43	81379	10.80	ug/l	100
38) Bromodichloromethane	5.187	83	41770	11.12	ug/l	95
39) Methylcyclohexane	5.030	83	32647	6.90	ug/l	78
40) Dibromomethane	5.108	174	19630	12.00	ug/l	97
41) 1,2-Dichloropropane	5.030	63	31098	10.00	ug/l	92
42) Trichloroethene	4.902	130	28884	9.30	ug/l	94
43) Benzene	4.507	78	109338	9.28	ug/l	100
44) tert-Amyl methyl ether	4.566	73	43892	11.73	ug/l	76
46) Dibromochloromethane	6.143	129	26978	11.42	ug/l	97
47) 2-Chloroethylvinylether	5.355	63	9513	9.32	ug/l	98
48) cis-1,3-Dichloropropene	5.453	75	40442	9.41	ug/l	96
49) trans-1,3-Dichloropropene	5.779	75	34410	10.16	ug/l	95
50) 1,1,2-Trichloroethane	5.887	97	20179	11.39	ug/l	93
51) 1,2-Dibromoethane	6.222	107	21173	11.18	ug/l	99
52) 1,3-Dichloropropane	5.995	76	38856	11.31	ug/l	99
53) 4-Methyl-2-Pentanone	5.532	43	16909	10.06	ug/l	95
54) 2-Hexanone	6.025	43	12027	10.96	ug/l	97
55) Tetrachloroethene	6.005	164	24294	7.95	ug/l	97
57) Toluene	5.670	92	68703	8.40	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.547	133	27033	11.41	ug/l	90
59) Chlorobenzene	6.508	112	76223	10.35	ug/l	94
61) Bromoform	7.001	173	18266	10.75	ug/l	93
62) Ethylbenzene	6.567	106	27064	8.02	ug/l	100
63) 1,1,2,2-Tetrachloroethane	7.247	83	25097	10.86	ug/l	90
65) Styrene	6.873	104	77316	9.31	ug/l	93
66) m&p-Xylenes	6.626	106	89957	16.85	ug/l	92

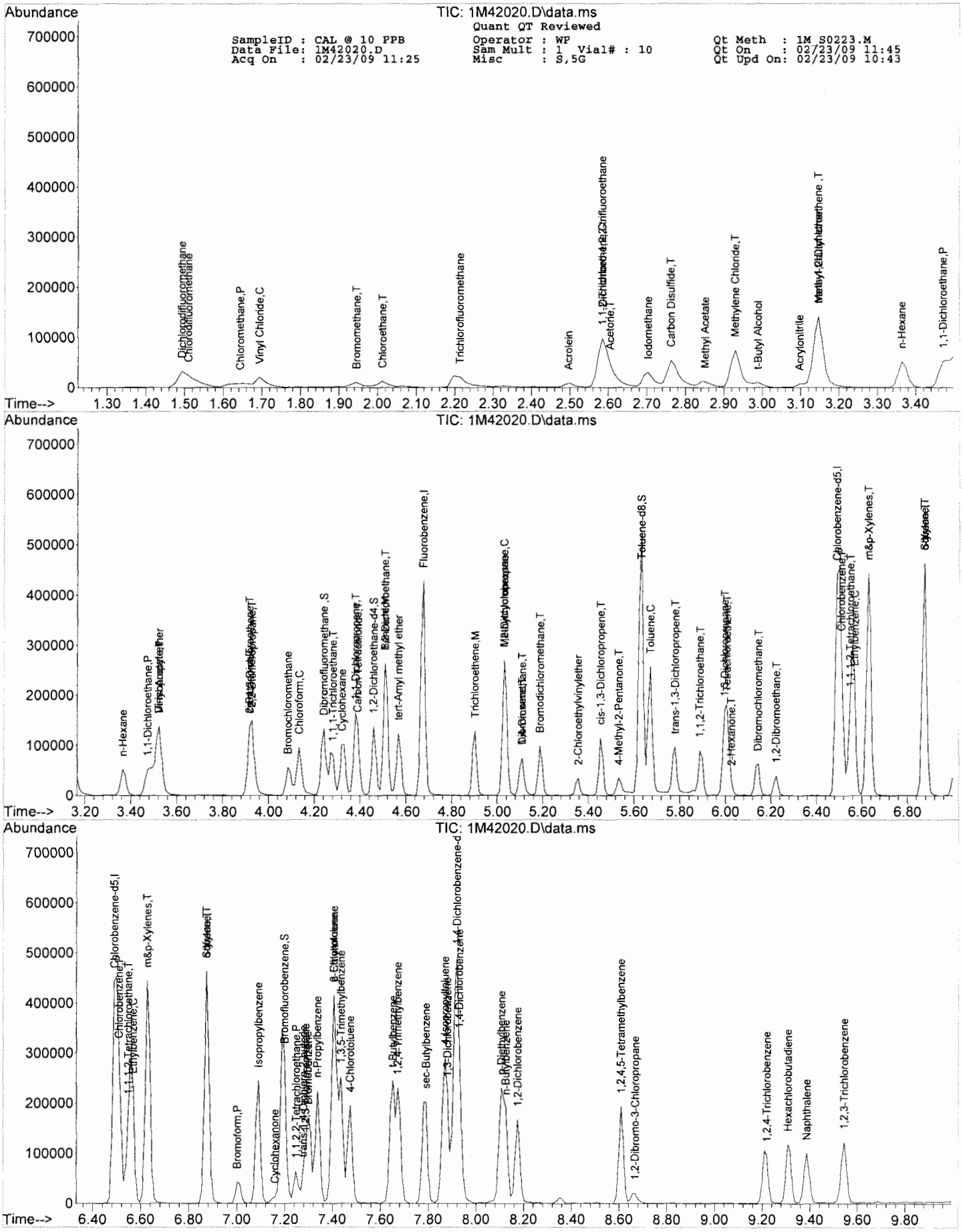
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42020.D Sam Mult : 1 Vial# : 10 Qt On : 02/23/09 11:45
Acq On : 02/23/09 11:25 Misc : S,5G Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.873	106	47092	9.19 ug/l	79
68) trans-1,4-Dichloro-2-b...	7.277	53	7744	9.43 ug/l	92
69) 1,3-Dichlorobenzene	7.878	146	58674	8.45 ug/l	96
70) 1,4-Dichlorobenzene	7.927	146	57341	8.61 ug/l	90
71) 1,2-Dichlorobenzene	8.174	146	56187	9.30 ug/l	96
72) Isopropylbenzene	7.089	105	119576	9.00 ug/l	99
73) Cyclohexanone	7.158	55	3596	49.51 ug/l	94
74) 1,2,3-Trichloropropane	7.287	75	30104	10.35 ug/l	96
75) 2-Chlorotoluene	7.405	91	72024	8.67 ug/l	98
76) p-Ethyltoluene	7.405	105	116535	7.18 ug/l	98
77) 4-Chlorotoluene	7.474	91	67704	8.02 ug/l	99
78) n-Propylbenzene	7.336	91	134727	8.17 ug/l	97
79) Bromobenzene	7.296	77	73425	8.90 ug/l	91
80) 1,3,5-Trimethylbenzene	7.434	105	107497m	9.82 ug/l	
81) t-Butylbenzene	7.651	119	101233	9.44 ug/l	94
82) 1,2,4-Trimethylbenzene	7.671	105	105629	8.69 ug/l	98
83) sec-Butylbenzene	7.789	105	123161	8.26 ug/l	98
84) 4-Isopropyltoluene	7.868	119	93490	7.97 ug/l	95
85) n-Butylbenzene	8.124	91	97874	6.51 ug/l	98
86) p-Diethylbenzene	8.105	119	54022	6.99 ug/l	99
87) 1,2,4,5-Tetramethylben...	8.607	119	83827	8.10 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.666	157	5380	10.80 ug/l	98
89) Hexachlorobutadiene	9.307	225	26055	6.82 ug/l	98
90) 1,2,4-Trichlorobenzene	9.218	180	33128	7.10 ug/l	97
91) 1,2,3-Trichlorobenzene	9.544	180	38450	8.79 ug/l	97
92) Naphthalene	9.386	128	69617	11.29 ug/l	100

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


Abundance
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Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 1M42020.D
Acq On : 02/23/09 11:25
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/09 11:45
Qt Upd On: 02/23/09 10:43
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42014.D Sam Mult : 1 Vial# : 6 Qt On : 02/23/09 10:44
Acq On : 02/23/09 09:43 Misc : S,5G Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.674	96	201606	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.488	117	158207	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.917	152	89108	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.231	111	54818	31.19	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.97%			
32) 1,2-Dichloroethane-d4	4.457	102	10181	30.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.57%			
56) Toluene-d8	5.630	100	135862	29.19	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.30%			
64) Bromofluorobenzene	7.188	174	74572	29.21	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.37%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.493	51	198605	38.21	ug/l	94
3) Dichlorodifluoromethane	1.493	85	97697	29.44	ug/l	95
4) Chloromethane	1.611	50	105909	45.88	ug/l	98
5) Bromomethane	1.946	94	31878	46.33	ug/l	100
6) Vinyl Chloride	1.694	62	79148	42.49	ug/l	97
7) Chloroethane	2.013	64	38742	49.43	ug/l	94
8) Trichlorofluoromethane	2.197	101	119650	37.78	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.575	101	72696	38.13	ug/l	94
10) Methylene Chloride	2.930	84	119355	52.40	ug/l	98
11) Acrolein	2.496	56	27734	232.72	ug/l	97
12) Acrylonitrile	3.097	53	27074	52.24	ug/l	95
13) Iodomethane	2.703	142	186473	49.71	ug/l	66
14) Acetone	2.605	43	102843	244.90	ug/l	100
15) Carbon Disulfide	2.762	76	361371	43.86	ug/l	100
16) t-Butyl Alcohol	2.989	59	17791	265.65	ug/l	90
17) n-Hexane	3.363	57	90266	33.10	ug/l	87
18) Di-isopropyl-ether	3.521	45	416515	48.86	ug/l	90
19) 1,1-Dichloroethene	2.585	61	199893	43.11	ug/l	97
20) Methyl Acetate	2.841	43	59163	50.12	ug/l	100
21) Methyl-t-butyl ether	3.137	73	158475	54.97	ug/l	81
22) 1,1-Dichloroethane	3.462	63	256096	51.58	ug/l	99
23) trans-1,2-Dichloroethene	3.147	96	107178	46.23	ug/l	76
24) cis-1,2-Dichloroethene	3.915	61	233936	48.92	ug/l	97
25) Bromochloromethane	4.083	49	111916	46.66	ug/l	81
26) 2,2-Dichloropropane	3.925	77	135777	47.93	ug/l	93
27) 1,4-Dioxane	5.108	88	42265	3088.46	ug/l	80
28) 1,1-Dichloropropene	4.379	75	169908	41.57	ug/l	97
29) Chloroform	4.132	83	212981	52.88	ug/l	99
31) Cyclohexane	4.319	56	172643	36.95	ug/l	93
33) 1,2-Dichloroethane	4.507	62	156551	49.20	ug/l	99
34) 2-Butanone	3.915	43	34212	47.42	ug/l	97
35) 1,1,1-Trichloroethane	4.270	97	161167	48.82	ug/l	96
36) Carbon Tetrachloride	4.388	117	129830	47.64	ug/l	95
37) Vinyl Acetate	3.511	43	339410	49.97	ug/l	100
38) Bromodichloromethane	5.187	83	177317	52.36	ug/l	97
39) Methylcyclohexane	5.029	83	154576	36.24	ug/l	79
40) Dibromomethane	5.108	174	77983	52.85	ug/l	94
41) 1,2-Dichloropropane	5.029	63	132258	47.15	ug/l	93
42) Trichloroethene	4.901	130	129739	46.31	ug/l	99
43) Benzene	4.507	78	457999	43.10	ug/l	100
44) tert-Amyl methyl ether	4.566	73	175309	51.97	ug/l	78
46) Dibromochloromethane	6.143	129	111906	54.05	ug/l	96
47) 2-Chloroethylvinylether	5.354	63	47391	52.98	ug/l	94
48) cis-1,3-Dichloropropene	5.453	75	187067	49.70	ug/l	97
49) trans-1,3-Dichloropropene	5.778	75	152626	51.42	ug/l	97
50) 1,1,2-Trichloroethane	5.887	97	78475	50.56	ug/l	94
51) 1,2-Dibromoethane	6.222	107	83389	50.24	ug/l	97
52) 1,3-Dichloropropane	5.995	76	152055	50.53	ug/l	97
53) 4-Methyl-2-Pentanone	5.532	43	64628	43.89	ug/l	97
54) 2-Hexanone	6.025	43	44924	46.71	ug/l	100
55) Tetrachloroethene	6.005	164	102950	38.43	ug/l	99
57) Toluene	5.670	92	287789	40.18	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.547	133	108302	52.18	ug/l	93
59) Chlorobenzene	6.507	112	302925	46.97	ug/l	100
61) Bromoform	7.000	173	72409	50.96	ug/l	92
62) Ethylbenzene	6.567	106	109232	38.69	ug/l	99
63) 1,1,2,2-Tetrachloroethane	7.247	83	87440	45.23	ug/l	90
65) Styrene	6.872	104	311227	44.82	ug/l	92
66) m&p-Xylenes	6.626	106	362280	81.13	ug/l	96

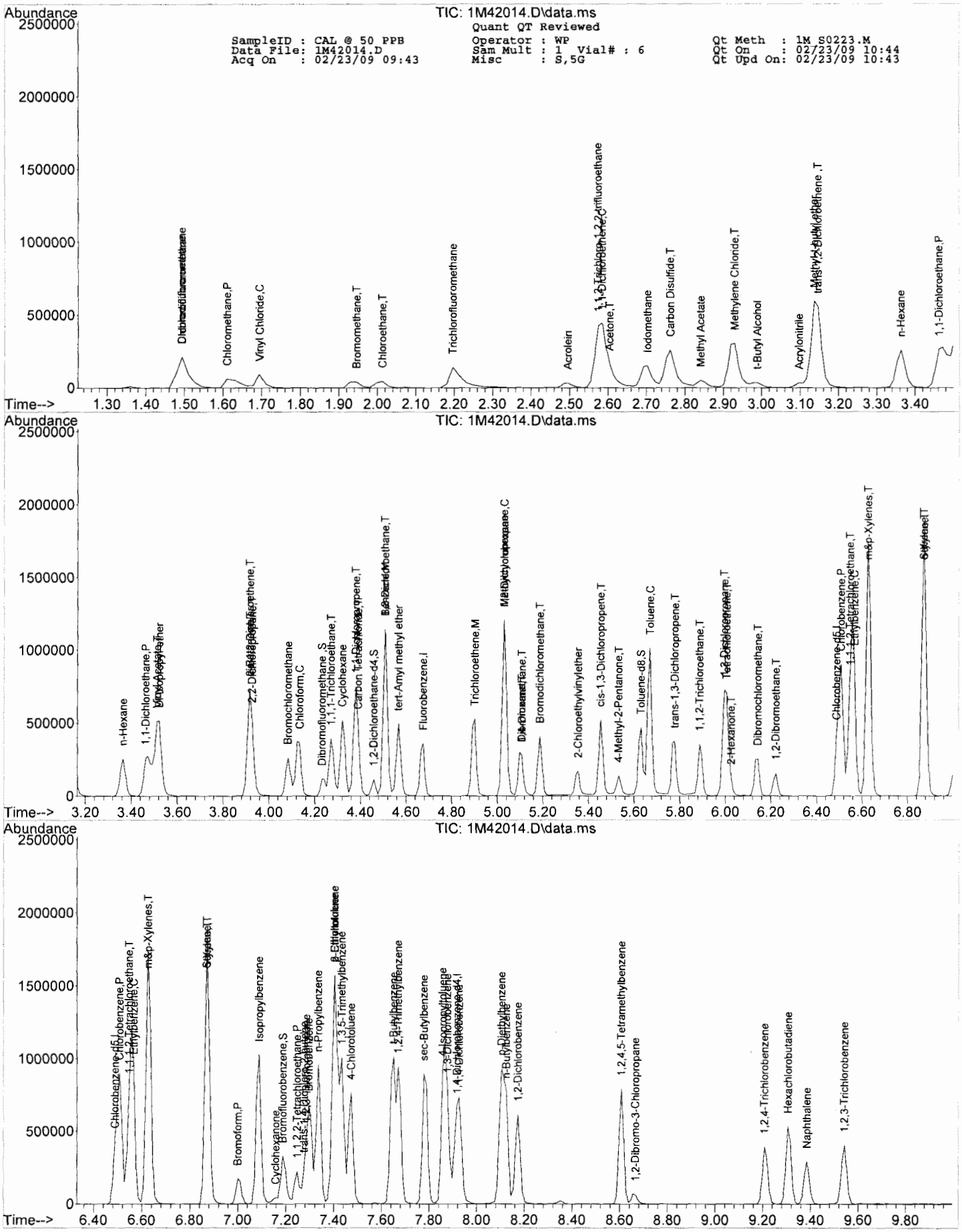
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42014.D Sam Mult : 1 Vial# : 6 Qt On : 02/23/09 10:44
Acq On : 02/23/09 09:43 Misc : S,5G Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67)	o-Xylene	6.872	106	194924	45.47	ug/l	87
68)	trans-1,4-Dichloro-2-b...	7.276	53	29365	42.75	ug/l	92
69)	1,3-Dichlorobenzene	7.877	146	219172	37.77	ug/l	96
70)	1,4-Dichlorobenzene	7.927	146	209256	37.59	ug/l	96
71)	1,2-Dichlorobenzene	8.173	146	208809	41.32	ug/l	96
72)	Isopropylbenzene	7.089	105	514804	46.34	ug/l	99
73)	Cyclohexanone	7.158	55	13694	225.48	ug/l	95
74)	1,2,3-Trichloropropane	7.286	75	112740	46.36	ug/l	95
75)	2-Chlorotoluene	7.404	91	267147	38.47	ug/l	98
76)	p-Ethyltoluene	7.404	105	454018	33.46	ug/l	99
77)	4-Chlorotoluene	7.473	91	270910	38.39	ug/l	97
78)	n-Propylbenzene	7.335	91	559170	40.54	ug/l	97
79)	Bromobenzene	7.296	77	285496	41.38	ug/l	91
80)	1,3,5-Trimethylbenzene	7.434	105	419361m	45.80	ug/l	
81)	t-Butylbenzene	7.651	119	424590	47.35	ug/l	94
82)	1,2,4-Trimethylbenzene	7.670	105	413382	40.67	ug/l	97
83)	sec-Butylbenzene	7.779	105	517437	41.48	ug/l	99
84)	4-Isopropyltoluene	7.858	119	388766	39.65	ug/l	96
85)	n-Butylbenzene	8.124	91	398957	31.75	ug/l	97
86)	p-Diethylbenzene	8.104	119	226340	35.04	ug/l	97
87)	1,2,4,5-Tetramethylben...	8.607	119	348841	40.30	ug/l	99
88)	1,2-Dibromo-3-Chloropr...	8.666	157	17583	42.21	ug/l	91
89)	Hexachlorobutadiene	9.306	225	107990	33.80	ug/l	97
90)	1,2,4-Trichlorobenzene	9.208	180	120852	30.98	ug/l	99
91)	1,2,3-Trichlorobenzene	9.543	180	123927	33.89	ug/l	97
92)	Naphthalene	9.385	128	204169	39.60	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M42014.D
Acq On : 02/23/09 09:43
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/09 10:44
Qt Upd On: 02/23/09 10:43
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Chloroform,C
Cyclohexanone
Bromofluorobenzene,S
Isopropylbenzene
4-Chlorotoluene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42018.D Sam Mult : 1 Vial# : 8 Qt On : 02/23/09 11:43
Acq On : 02/23/09 10:51 Misc : S,5G Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.674	96	208011	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.497	117	169944	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.916	152	94741	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.240	111	57311	31.60	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.33%			
32) 1,2-Dichloroethane-d4	4.457	102	10486	30.72	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.40%			
56) Toluene-d8	5.630	100	142797	28.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.20%			
64) Bromofluorobenzene	7.197	174	81491	30.02	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.07%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.511	51	415189	77.42	ug/l	98
3) Dichlorodifluoromethane	1.494	85	192178	56.13	ug/l	95
4) Chloromethane	1.645	50	197994	83.12	ug/l	97
5) Bromomethane	1.930	94	46338	65.27	ug/l	98
6) Vinyl Chloride	1.695	62	151990	79.09	ug/l	100
7) Chloroethane	1.997	64	69338	85.74	ug/l	97
8) Trichlorofluoromethane	2.198	101	204277	62.51	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.574	101	130048	66.12	ug/l	94
10) Methylene Chloride	2.929	84	228366	97.18	ug/l	96
11) Acrolein	2.496	56	62261	506.36	ug/l	98
12) Acrylonitrile	3.097	53	56993	106.59	ug/l	95
13) Iodomethane	2.703	142	352468	91.07	ug/l	66
14) Acetone	2.604	43	208868	482.06	ug/l	100
15) Carbon Disulfide	2.762	76	682334	80.27	ug/l	100
16) t-Butyl Alcohol	2.988	59	41183	596.00	ug/l	99
17) n-Hexane	3.363	57	173220	61.55	ug/l	89
18) Di-isopropyl-ether	3.521	45	849817	96.62	ug/l	88
19) 1,1-Dichloroethene	2.584	61	378153	79.05	ug/l	93
20) Methyl Acetate	2.841	43	133010	109.22	ug/l	100
21) Methyl-t-butyl ether	3.146	73	346008	116.33	ug/l	82
22) 1,1-Dichloroethane	3.471	63	499433	97.49	ug/l	100
23) trans-1,2-Dichloroethene	3.146	96	207267	86.65	ug/l	85
24) cis-1,2-Dichloroethene	3.915	61	460218	93.27	ug/l	91
25) Bromochloromethane	4.082	49	276793	111.85	ug/l	69
26) 2,2-Dichloropropane	3.925	77	242775	83.07	ug/l	93
27) 1,4-Dioxane	5.107	88	81050	5740.26	ug/l	73
28) 1,1-Dichloropropene	4.378	75	307770	72.98	ug/l	98
29) Chloroform	4.132	83	423223	101.84	ug/l	98
31) Cyclohexane	4.329	56	326770	67.79	ug/l	90
33) 1,2-Dichloroethane	4.506	62	305977	93.20	ug/l	97
34) 2-Butanone	3.915	43	73442	98.66	ug/l	91
35) 1,1,1-Trichloroethane	4.279	97	292086	85.75	ug/l	93
36) Carbon Tetrachloride	4.388	117	225831	80.31	ug/l	87
37) Vinyl Acetate	3.491	43	725471	103.51	ug/l	100
38) Bromodichloromethane	5.186	83	342662	98.07	ug/l	93
39) Methylcyclohexane	5.029	83	286829	65.18	ug/l	79
40) Dibromomethane	5.107	174	152677	100.29	ug/l	95
41) 1,2-Dichloropropane	5.029	63	260218	89.90	ug/l	92
42) Trichloroethene	4.900	130	240626	83.24	ug/l	94
43) Benzene	4.506	78	836252	76.27	ug/l	100
44) tert-Amyl methyl ether	4.565	73	399097	114.66	ug/l	83
46) Dibromochloromethane	6.142	129	234188	105.29	ug/l	99
47) 2-Chloroethylvinylether	5.354	63	103130	107.33	ug/l	93
48) cis-1,3-Dichloropropene	5.452	75	385530	95.36	ug/l	96
49) trans-1,3-Dichloropropene	5.778	75	320708	100.59	ug/l	95
50) 1,1,2-Trichloroethane	5.896	97	166740	100.01	ug/l	98
51) 1,2-Dibromoethane	6.221	107	180778	101.40	ug/l	94
52) 1,3-Dichloropropane	5.994	76	312574	96.70	ug/l	98
53) 4-Methyl-2-Pentanone	5.531	43	157555	99.60	ug/l	94
54) 2-Hexanone	6.024	43	110397	106.85	ug/l	93
55) Tetrachloroethene	6.004	164	192644	66.95	ug/l	99
57) Toluene	5.669	92	545502	70.90	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.546	133	209560	93.99	ug/l	95
59) Chlorobenzene	6.507	112	603210	87.07	ug/l	100
61) Bromoform	7.010	173	161295	106.76	ug/l	97
62) Ethylbenzene	6.566	106	222976	74.28	ug/l	99
63) 1,1,2,2-Tetrachloroethane	7.246	83	203013	98.77	ug/l	90
65) Styrene	6.872	104	613068	83.04	ug/l	89
66) m&p-Xylenes	6.625	106	674503	142.07	ug/l	92

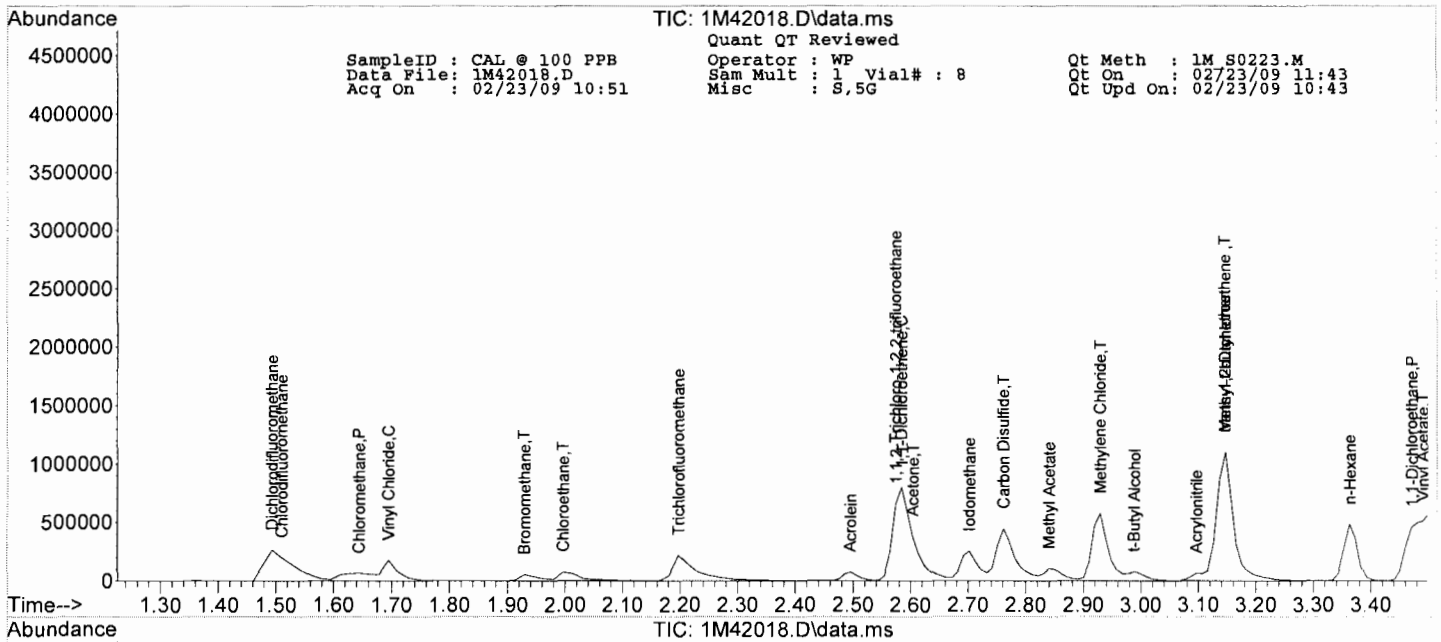
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42018.D Sam Mult : 1 Vial# : 8 Qt On : 02/23/09 11:43
Acq On : 02/23/09 10:51 Misc : S,5G Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.872	106	371483	81.51 ug/l	89
68) trans-1,4-Dichloro-2-b...	7.276	53	68944	94.41 ug/l	86
69) 1,3-Dichlorobenzene	7.877	146	449822	72.90 ug/l	95
70) 1,4-Dichlorobenzene	7.926	146	462753	78.19 ug/l	95
71) 1,2-Dichlorobenzene	8.173	146	461284	85.85 ug/l	95
72) Isopropylbenzene	7.088	105	1016645	86.08 ug/l	99
73) Cyclohexanone	7.157	55	31034	480.62 ug/l	96
74) 1,2,3-Trichloropropane	7.285	75	252587	97.69 ug/l	92
75) 2-Chlorotoluene	7.414	91	525506	71.18 ug/l	100
76) p-Ethyltoluene	7.404	105	1093195	75.78 ug/l	99
77) 4-Chlorotoluene	7.473	91	567027	75.57 ug/l	99
78) n-Propylbenzene	7.335	91	1148798	78.34 ug/l	96
79) Bromobenzene	7.295	77	605243	82.50 ug/l	88
80) 1,3,5-Trimethylbenzene	7.433	105	678490m	69.69 ug/l	
81) t-Butylbenzene	7.650	119	832017	87.26 ug/l	92
82) 1,2,4-Trimethylbenzene	7.680	105	867036	80.23 ug/l	98
83) sec-Butylbenzene	7.788	105	1052969	79.40 ug/l	99
84) 4-Isopropyltoluene	7.867	119	801695	76.90 ug/l	95
85) n-Butylbenzene	8.123	91	914104	68.42 ug/l	98
86) p-Diethylbenzene	8.104	119	509640	74.20 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.606	119	817706	88.86 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.665	157	46835	105.75 ug/l	94
89) Hexachlorobutadiene	9.316	225	249069	73.33 ug/l	97
90) 1,2,4-Trichlorobenzene	9.217	180	324330	78.19 ug/l	99
91) 1,2,3-Trichlorobenzene	9.542	180	324966	83.58 ug/l	96
92) Naphthalene	9.385	128	576170	105.10 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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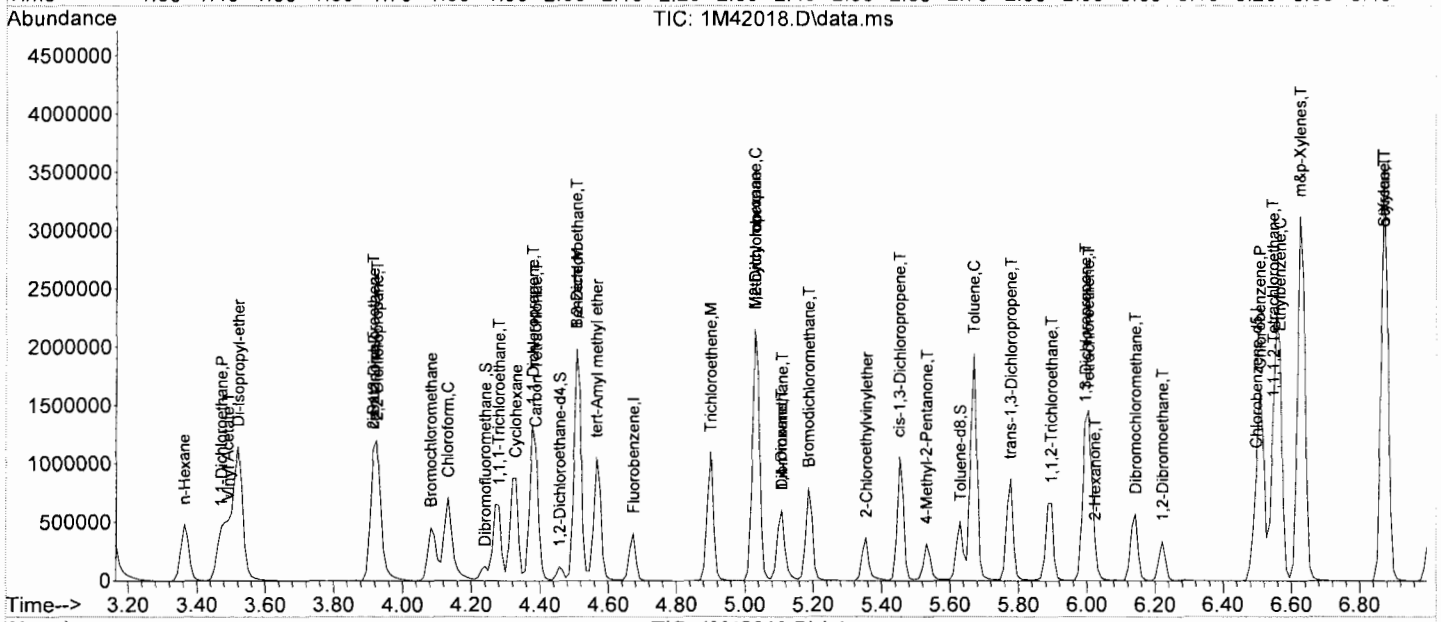
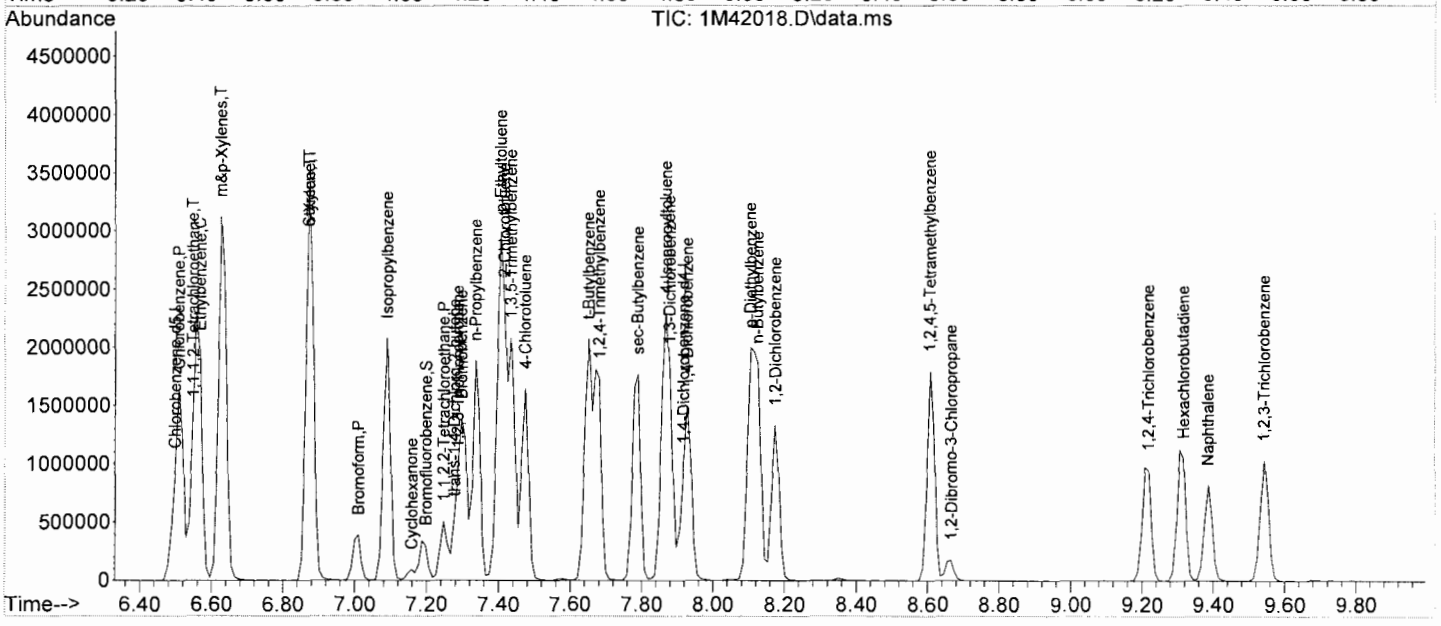
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 1M42018.D
Acq On : 02/23/09 10:51
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02723/09 11:43
Qt Upd On: 02/23/09 10:43
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Vinyl Acetate,T
Time-->


Abundance
TIC: 1M42018.D\data.ms
n-Hexane
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Time-->


Abundance
TIC: 1M42018.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42017.D Sam Mult : 1 Vial# : 7 Qt On : 02/23/09 11:43
Acq On : 02/23/09 10:34 Misc : S,5G Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.675	96	200514	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.498	117	157022	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.918	152	88017	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.241	111	56185	32.14	ug/l	0.01
Spiked Amount 30.000			Recovery = 107.13%			
32) 1,2-Dichloroethane-d4	4.458	102	10323	31.37	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.57%			
56) Toluene-d8	5.631	100	140729	30.47	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.57%			
64) Bromofluorobenzene	7.198	174	79973	31.71	ug/l	0.01
Spiked Amount 30.000			Recovery = 105.70%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.511	51	967296	187.12	ug/l	100
3) Dichlorodifluoromethane	1.494	85	438288	132.81	ug/l	96
4) Chloromethane	1.645	50	461646	201.05	ug/l	97
5) Bromomethane	1.929	94	151800	221.83	ug/l	99
6) Vinyl Chloride	1.695	62	354661	191.44	ug/l	98
7) Chloroethane	2.013	64	168811	216.54	ug/l	95
8) Trichlorofluoromethane	2.197	101	468644	148.77	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.576	101	283422	149.48	ug/l	93
10) Methylene Chloride	2.930	84	520078	229.59	ug/l	96
11) Acrolein	2.497	56	150006	1265.60	ug/l	98
12) Acrylonitrile	3.098	53	136241	264.32	ug/l	99
13) Iodomethane	2.704	142	763038	204.51	ug/l	67
14) Acetone	2.605	43	473374	1133.38	ug/l	98
15) Carbon Disulfide	2.763	76	1532370	187.00	ug/l	100
16) t-Butyl Alcohol	2.990	59	98738	1482.35	ug/l	92
17) n-Hexane	3.364	57	401970	148.18	ug/l	89
18) Di-isopropyl-ether	3.522	45	1871095	220.69	ug/l	88
19) 1,1-Dichloroethene	2.586	61	844550	183.14	ug/l	91
20) Methyl Acetate	2.842	43	304362	259.27	ug/l	100
21) Methyl-t-butyl ether	3.147	73	754021	262.98	ug/l	80
22) 1,1-Dichloroethane	3.473	63	1128214	228.46	ug/l	99
23) trans-1,2-Dichloroethene	3.147	96	441149	191.33	ug/l	89
24) cis-1,2-Dichloroethene	3.916	61	990718	208.28	ug/l	90
25) Bromochloromethane	4.084	49	615163	257.88	ug/l	71
26) 2,2-Dichloropropane	3.926	77	540982	192.03	ug/l	94
27) 1,4-Dioxane	5.109	88	172912	12704.15	ug/l	69
28) 1,1-Dichloropropene	4.379	75	625947	153.97	ug/l	97
29) Chloroform	4.133	83	942033	235.15	ug/l	99
31) Cyclohexane	4.330	56	742710	159.84	ug/l	89
33) 1,2-Dichloroethane	4.507	62	624146	197.22	ug/l	97
34) 2-Butanone	3.916	43	162530	226.50	ug/l	89
35) 1,1,1-Trichloroethane	4.281	97	653806	199.11	ug/l	98
36) Carbon Tetrachloride	4.389	117	475166	175.29	ug/l	92
37) Vinyl Acetate	3.492	43	1613019	238.75	ug/l	100
38) Bromodichloromethane	5.187	83	758484	225.20	ug/l	94
39) Methylcyclohexane	5.030	83	592804	139.75	ug/l	82
40) Dibromomethane	5.109	174	330795	225.41	ug/l	95
41) 1,2-Dichloropropane	5.030	63	539334	193.30	ug/l	92
42) Trichloroethene	4.902	130	509776	182.94	ug/l	94
43) Benzene	4.517	78	1654204	156.50	ug/l	100
44) tert-Amyl methyl ether	4.567	73	872650	260.09	ug/l	84
46) Dibromochloromethane	6.143	129	514499	250.36	ug/l	100
47) 2-Chloroethylvinylether	5.355	63	246218	277.33	ug/l	91
48) cis-1,3-Dichloropropene	5.454	75	866320	231.91	ug/l	99
49) trans-1,3-Dichloropropene	5.779	75	737779	250.45	ug/l	96
50) 1,1,2-Trichloroethane	5.887	97	374689	243.23	ug/l	94
51) 1,2-Dibromoethane	6.222	107	412337	250.32	ug/l	94
52) 1,3-Dichloropropane	5.996	76	648892	217.27	ug/l	97
53) 4-Methyl-2-Pentanone	5.532	43	373325	255.42	ug/l	93
54) 2-Hexanone	6.025	43	255597	267.75	ug/l	100
55) Tetrachloroethene	6.005	164	372340	140.06	ug/l	98
57) Toluene	5.670	92	1107538	155.80	ug/l	92
58) 1,1,1,2-Tetrachloroethane	6.548	133	415321	201.61	ug/l	91
59) Chlorobenzene	6.508	112	1209538	188.96	ug/l	99
61) Bromoform	7.011	173	368167	262.31	ug/l	95
62) Ethylbenzene	6.567	106	411699	147.62	ug/l	96
63) 1,1,2,2-Tetrachloroethane	7.247	83	453163	237.32	ug/l	91
65) Styrene	6.873	104	1050865	153.22	ug/l	81
66) m&p-Xylenes	6.626	106	1177465	266.95	ug/l	99

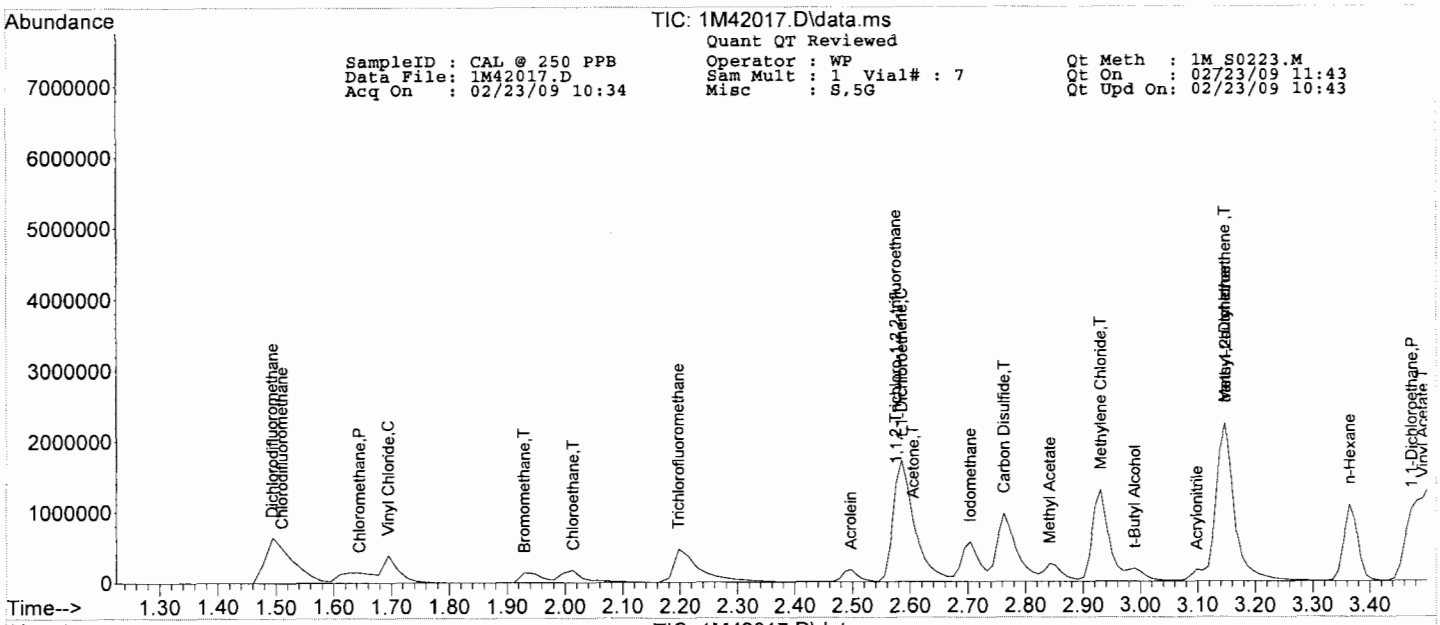
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42017.D Sam Mult : 1 Vial# : 7 Qt On : 02/23/09 11:43
Acq On : 02/23/09 10:34 Misc : S,5G Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.873	106	646818	152.77 ug/l	86
68) trans-1,4-Dichloro-2-b...	7.277	53	155174	228.72 ug/l	84
69) 1,3-Dichlorobenzene	7.878	146	815837	142.33 ug/l	93
70) 1,4-Dichlorobenzene	7.927	146	902659	164.17 ug/l	94
71) 1,2-Dichlorobenzene	8.174	146	920455	184.39 ug/l	93
72) Isopropylbenzene	7.090	105	1947648	177.50 ug/l	97
73) Cyclohexanone	7.159	55	73536	1225.84 ug/l	96
74) 1,2,3-Trichloropropane	7.287	75	561040	233.57 ug/l	89
75) 2-Chlorotoluene	7.415	91	915688	133.50 ug/l	99
76) p-Ethyltoluene	7.405	105	1538701	114.81 ug/l	98
77) 4-Chlorotoluene	7.474	91	1050195	150.65 ug/l	98
78) n-Propylbenzene	7.336	91	2192483	160.94 ug/l	95
79) Bromobenzene	7.297	77	1251197	183.58 ug/l	87
80) 1,3,5-Trimethylbenzene	7.435	105	1631557m	180.39 ug/l	
81) t-Butylbenzene	7.651	119	1590738	179.58 ug/l	89
82) 1,2,4-Trimethylbenzene	7.671	105	1624415	161.80 ug/l	97
83) sec-Butylbenzene	7.789	105	2054565	166.76 ug/l	100
84) 4-Isopropyltoluene	7.858	119	1449826	149.70 ug/l	94
85) n-Butylbenzene	8.124	91	1721383	138.68 ug/l	98
86) p-Diethylbenzene	8.105	119	934340	146.43 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.607	119	1571451	183.81 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.667	157	108703	264.19 ug/l	95
89) Hexachlorobutadiene	9.317	225	516525	163.69 ug/l	98
90) 1,2,4-Trichlorobenzene	9.218	180	630266	163.54 ug/l	99
91) 1,2,3-Trichlorobenzene	9.544	180	647708	179.32 ug/l	97
92) Naphthalene	9.386	128	1152586	226.30 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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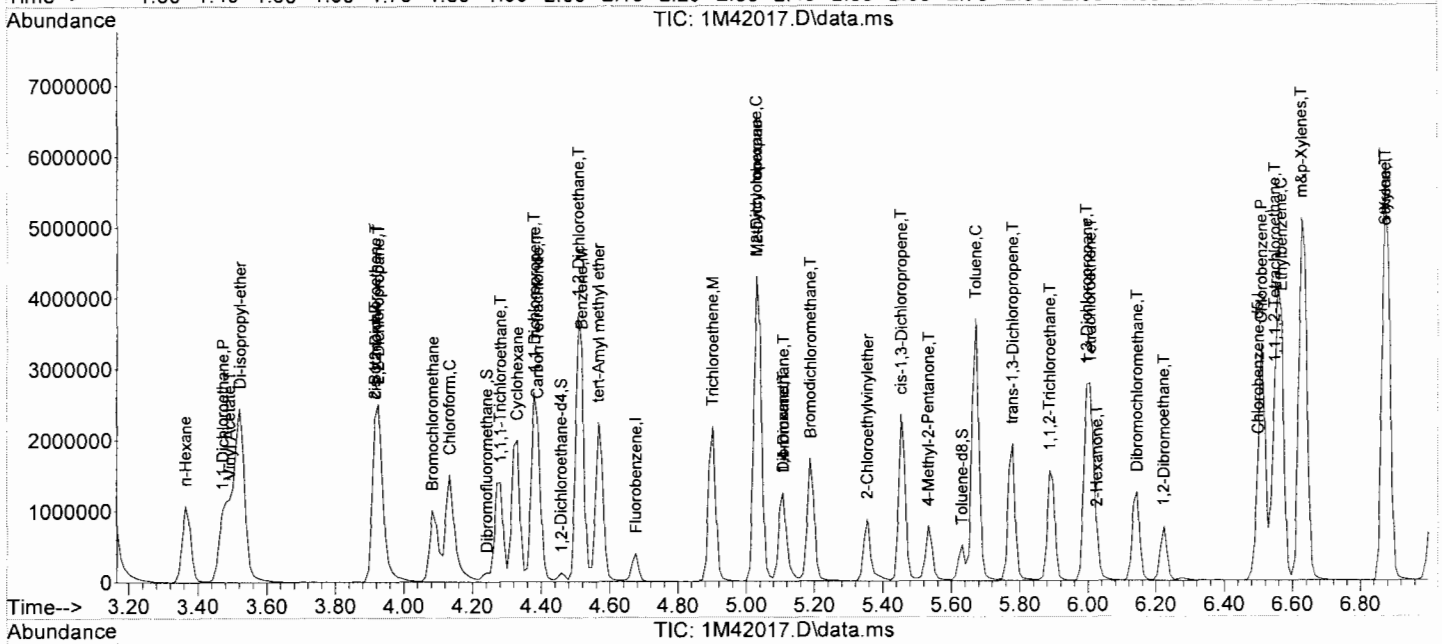
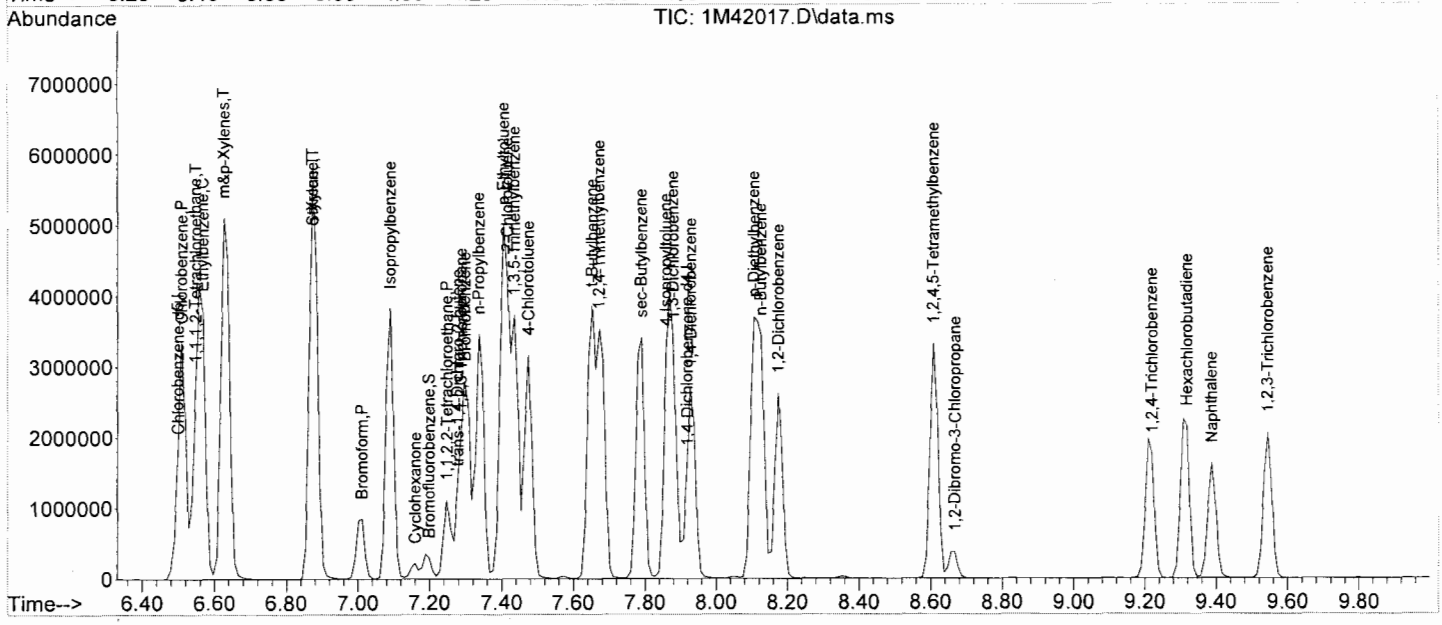
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 1M42017.D
Acq On : 02/23/09 10:34
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02723/09 11:43
Qt Upd On: 02/23/09 10:43
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M42017.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Time-->


Abundance
TIC: 1M42017.D\data.ms
Chlorobenzene-d5,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42016.D Sam Mult : 1 Vial# : 6 Qt On : 02/23/09 10:44
Acq On : 02/23/09 10:17 Misc : S,5G Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.675	96	197235	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.498	117	143863	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.917	152	78219	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.241	111	53967	31.38	ug/l	0.01
Spiked Amount 30.000			Recovery =	104.60%		
32) 1,2-Dichloroethane-d4	4.458	102	9778	30.21	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.70%		
56) Toluene-d8	5.631	100	137185	32.42	ug/l	0.00
Spiked Amount 30.000			Recovery =	108.07%		
64) Bromofluorobenzene	7.198	174	79154	35.32	ug/l	0.01
Spiked Amount 30.000			Recovery =	117.73%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.513	51	1934822	380.51	ug/l	94
3) Dichlorodifluoromethane	1.480	85	945352	291.22	ug/l	95
4) Chloromethane	1.647	50	968222	428.69	ug/l	99
5) Bromomethane	1.932	94	199285	296.06	ug/l	100
6) Vinyl Chloride	1.697	62	677665	371.88	ug/l	99
7) Chloroethane	1.999	64	306147	399.23	ug/l	95
8) Trichlorofluoromethane	2.200	101	951988	307.23	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.575	101	504801	270.66	ug/l	93
10) Methylene Chloride	2.930	84	947857	425.39	ug/l	94
11) Acrolein	2.496	56	274499	2354.45	ug/l	99
12) Acrylonitrile	3.098	53	241927	477.16	ug/l	100
13) Iodomethane	2.703	142	1385474	377.52	ug/l	67
14) Acetone	2.605	43	832969	2027.50	ug/l	98
15) Carbon Disulfide	2.763	76	2870303	356.09	ug/l	100
16) t-Butyl Alcohol	2.989	59	190119	2901.70	ug/l	93
17) n-Hexane	3.364	57	759034	284.46	ug/l	89
18) Di-isopropyl-ether	3.521	45	3146554	377.30	ug/l	87
19) 1,1-Dichloroethene	2.585	61	1540888	339.70	ug/l	91
20) Methyl Acetate	2.841	43	540723	468.26	ug/l	100
21) Methyl-t-butyl ether	3.137	73	1281620	454.42	ug/l	80
22) 1,1-Dichloroethane	3.472	63	2052679	422.58	ug/l	100
23) trans-1,2-Dichloroethene	3.147	96	798111	351.91	ug/l	92
24) cis-1,2-Dichloroethene	3.916	61	1712613	366.04	ug/l	87
25) Bromochloromethane	4.083	49	1101090	469.25	ug/l	70
26) 2,2-Dichloropropane	3.926	77	944420	340.80	ug/l	93
27) 1,4-Dioxane	5.108	88	307335	22955.83	ug/l	65
28) 1,1-Dichloropropene	4.379	75	991128	247.86	ug/l	97
29) Chloroform	4.132	83	1692056	429.39	ug/l	100
31) Cyclohexane	4.330	56	1316471	288.03	ug/l	88
33) 1,2-Dichloroethane	4.507	62	990546	318.20	ug/l	98
34) 2-Butanone	3.916	43	265970	376.82	ug/l	87
35) 1,1,1-Trichloroethane	4.280	97	1141278	353.34	ug/l	99
36) Carbon Tetrachloride	4.389	117	781904	293.24	ug/l	92
37) Vinyl Acetate	3.492	43	2797013	420.88	ug/l	100
38) Bromodichloromethane	5.187	83	1302408	393.13	ug/l	96
39) Methylcyclohexane	5.029	83	907438	217.47	ug/l	85
40) Dibromomethane	5.108	174	556356	385.41	ug/l	94
41) 1,2-Dichloropropane	5.029	63	834850	304.20	ug/l	92
42) Trichloroethene	4.901	130	822001	299.89	ug/l	91
43) Benzene	4.517	78	2496424	240.11	ug/l	100
44) tert-Amyl methyl ether	4.566	73	1461907	442.97	ug/l	84
46) Dibromochloromethane	6.143	129	878400	466.54	ug/l	99
47) 2-Chloroethylvinylether	5.355	63	441666	542.98	ug/l	93
48) cis-1,3-Dichloropropene	5.453	75	1470964	429.79	ug/l	100
49) trans-1,3-Dichloropropene	5.778	75	1245389	461.44	ug/l	94
50) 1,1,2-Trichloroethane	5.897	97	630586	446.78	ug/l	99
51) 1,2-Dibromoethane	6.222	107	712262	471.94	ug/l	93
52) 1,3-Dichloropropane	5.995	76	985210	360.06	ug/l	98
53) 4-Methyl-2-Pentanone	5.532	43	649592	485.08	ug/l	94
54) 2-Hexanone	6.025	43	424282	485.10	ug/l	97
55) Tetrachloroethene	6.005	164	556646	228.53	ug/l	99
57) Toluene	5.670	92	1722640	264.49	ug/l	88
58) 1,1,1,2-Tetrachloroethane	6.547	133	616278	326.53	ug/l	94
59) Chlorobenzene	6.508	112	1876337	319.94	ug/l	99
61) Bromoform	7.010	173	642524	515.14	ug/l	94
62) Ethylbenzene	6.567	106	537344	216.81	ug/l	97
63) 1,1,2,2-Tetrachloroethane	7.247	83	786347	463.39	ug/l	91
65) Styrene	6.882	104	1382663	226.84	ug/l	77
66) m&p-Xylenes	6.626	106	1538809	392.57	ug/l	95

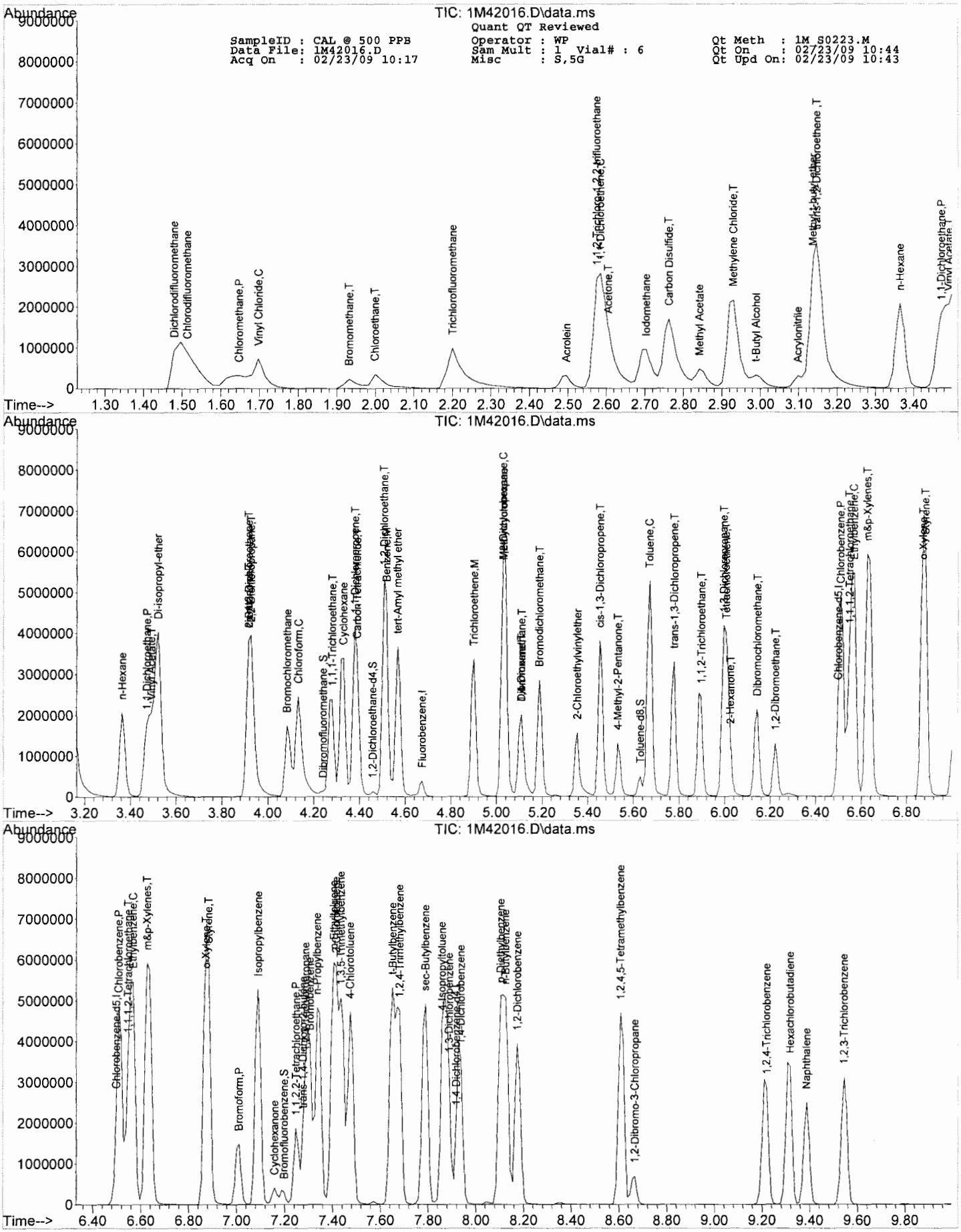
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42016.D Sam Mult : 1 Vial# : 6 Qt On : 02/23/09 10:44
Acq On : 02/23/09 10:17 Misc : S,5G Qt Upd On: 02/23/09 10:43

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.872	106	863808	229.58 ug/l	84
68) trans-1,4-Dichloro-2-b...	7.276	53	262483	435.35 ug/l	79
69) 1,3-Dichlorobenzene	7.888	146	1134804	222.77 ug/l	90
70) 1,4-Dichlorobenzene	7.937	146	1398255	286.17 ug/l	93
71) 1,2-Dichlorobenzene	8.173	146	1425257	321.28 ug/l	91
72) Isopropylbenzene	7.089	105	2863385	293.65 ug/l	95
73) Cyclohexanone	7.158	55	131723	2470.88 ug/l	96
74) 1,2,3-Trichloropropane	7.286	75	906293	424.57 ug/l	88
75) 2-Chlorotoluene	7.414	91	1123134	184.25 ug/l	93
76) p-Ethyltoluene	7.405	105	2393468	200.95 ug/l	96
77) 4-Chlorotoluene	7.474	91	1484237	239.58 ug/l	96
78) n-Propylbenzene	7.336	91	3312356	273.60 ug/l	95
79) Bromobenzene	7.306	77	1983752	327.52 ug/l	86
80) 1,3,5-Trimethylbenzene	7.434	105	1893424	235.56 ug/l	63
81) t-Butylbenzene	7.651	119	2217732	281.72 ug/l	85
82) 1,2,4-Trimethylbenzene	7.681	105	2277355	255.25 ug/l	96
83) sec-Butylbenzene	7.789	105	2991776	273.24 ug/l	99
84) 4-Isopropyltoluene	7.858	119	1942249	225.66 ug/l	90
85) n-Butylbenzene	8.124	91	2553509	231.49 ug/l	99
86) p-Diethylbenzene	8.104	119	1325454	233.75 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.607	119	2373172	312.36 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.666	157	185963	508.58 ug/l	94
89) Hexachlorobutadiene	9.317	225	825558	294.40 ug/l	97
90) 1,2,4-Trichlorobenzene	9.218	180	1004843	293.40 ug/l	97
91) 1,2,3-Trichlorobenzene	9.543	180	1006688	313.61 ug/l	96
92) Naphthalene	9.386	128	1793630	396.28 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 1M42016.D
Acq On : 02/23/09 10:17
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02723/09 10:44
Qt Upd On: 02/23/09 10:43
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB
Data File: 1M42022.D
Acq On : 02/23/09 11:59

Operator : WP
Sam Mult : 1 Vial# : 12
Misc : S,5G

Qt Meth : 1M_S0223.M
Qt On : 02/23/09 12:19
Qt Upd On: 02/23/09 12:10

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	4.674	96	220719	30.00 ug/l	0.00
45) Chlorobenzene-d5	6.498	117	177868	30.00 ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.917	152	104916	30.00 ug/l	0.00
System Monitoring Compounds					
30) Dibromofluoromethane	4.241	111	62241	30.79 ug/l	0.00
Spiked Amount 30.000			Recovery = 102.63%		
32) 1,2-Dichloroethane-d4	4.467	102	11885	31.40 ug/l	0.01
Spiked Amount 30.000			Recovery = 104.67%		
56) Toluene-d8	5.630	100	144095	28.02 ug/l	0.00
Spiked Amount 30.000			Recovery = 93.40%		
64) Bromofluorobenzene	7.198	174	82695	27.36 ug/l	0.00
Spiked Amount 30.000			Recovery = 91.20%		
Target Compounds					Qvalue
2) Chlorodifluoromethane	0.000		0	N.D. d	
3) Dichlorodifluoromethane	0.000		0	N.D. d	
4) Chloromethane	0.000		0	N.D. d	
5) Bromomethane	0.000		0	N.D.	
6) Vinyl Chloride	0.000		0	N.D. d	
7) Chloroethane	0.000		0	N.D. d	
8) Trichlorofluoromethane	0.000		0	N.D. d	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D. d	
10) Methylene Chloride	0.000		0	N.D. d	
11) Acrolein	0.000		0	N.D.	
12) Acrylonitrile	0.000		0	N.D.	
13) Iodomethane	0.000		0	N.D. d	
14) Acetone	0.000		0	N.D. d	
15) Carbon Disulfide	0.000		0	N.D. d	
16) t-Butyl Alcohol	0.000		0	N.D.	
17) n-Hexane	0.000		0	N.D. d	
18) Di-isopropyl-ether	0.000		0	N.D. d	
19) 1,1-Dichloroethene	0.000		0	N.D. d	
20) Methyl Acetate	0.000		0	N.D. d	
21) Methyl-t-butyl ether	3.147	73	3069	0.86 ug/l #	50
22) 1,1-Dichloroethane	0.000		0	N.D. d	
23) trans-1,2-Dichloroethene	0.000		0	N.D. d	
24) cis-1,2-Dichloroethene	0.000		0	N.D. d	
25) Bromochloromethane	0.000		0	N.D. d	
26) 2,2-Dichloropropane	0.000		0	N.D. d	
27) 1,4-Dioxane	0.000		0	N.D.	
28) 1,1-Dichloropropene	0.000		0	N.D. d	
29) Chloroform	0.000		0	N.D. d	
31) Cyclohexane	0.000		0	N.D. d	
33) 1,2-Dichloroethane	0.000		0	N.D. d	
34) 2-Butanone	0.000		0	N.D. d	
35) 1,1,1-Trichloroethane	0.000		0	N.D. d	
36) Carbon Tetrachloride	0.000		0	N.D. d	
37) Vinyl Acetate	0.000		0	N.D. d	
38) Bromodichloromethane	0.000		0	N.D. d	
39) Methylcyclohexane	0.000		0	N.D. d	
40) Dibromomethane	0.000		0	N.D. d	
41) 1,2-Dichloropropane	0.000		0	N.D. d	
42) Trichloroethene	0.000		0	N.D. d	
43) Benzene	4.507	78	11691	1.28 ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D. d	
46) Dibromochloromethane	0.000		0	N.D. d	
47) 2-Chloroethylvinylether	0.000		0	N.D.	
48) cis-1,3-Dichloropropene	0.000		0	N.D. d	
49) trans-1,3-Dichloropropene	0.000		0	N.D. d	
50) 1,1,2-Trichloroethane	0.000		0	N.D. d	
51) 1,2-Dibromoethane	0.000		0	N.D. d	
52) 1,3-Dichloropropane	0.000		0	N.D. d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D. d	
54) 2-Hexanone	0.000		0	N.D. d	
55) Tetrachloroethene	0.000		0	N.D. d	
57) Toluene	5.670	92	9076	1.51 ug/l	100
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D. d	
59) Chlorobenzene	0.000		0	N.D. d	
61) Bromoform	0.000		0	N.D. d	
62) Ethylbenzene	6.567	106	3085	1.30 ug/l	90
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
65) Styrene	0.000		0	N.D. d	
66) m&p-Xylenes	6.626	106	9376	2.49 ug/l	93

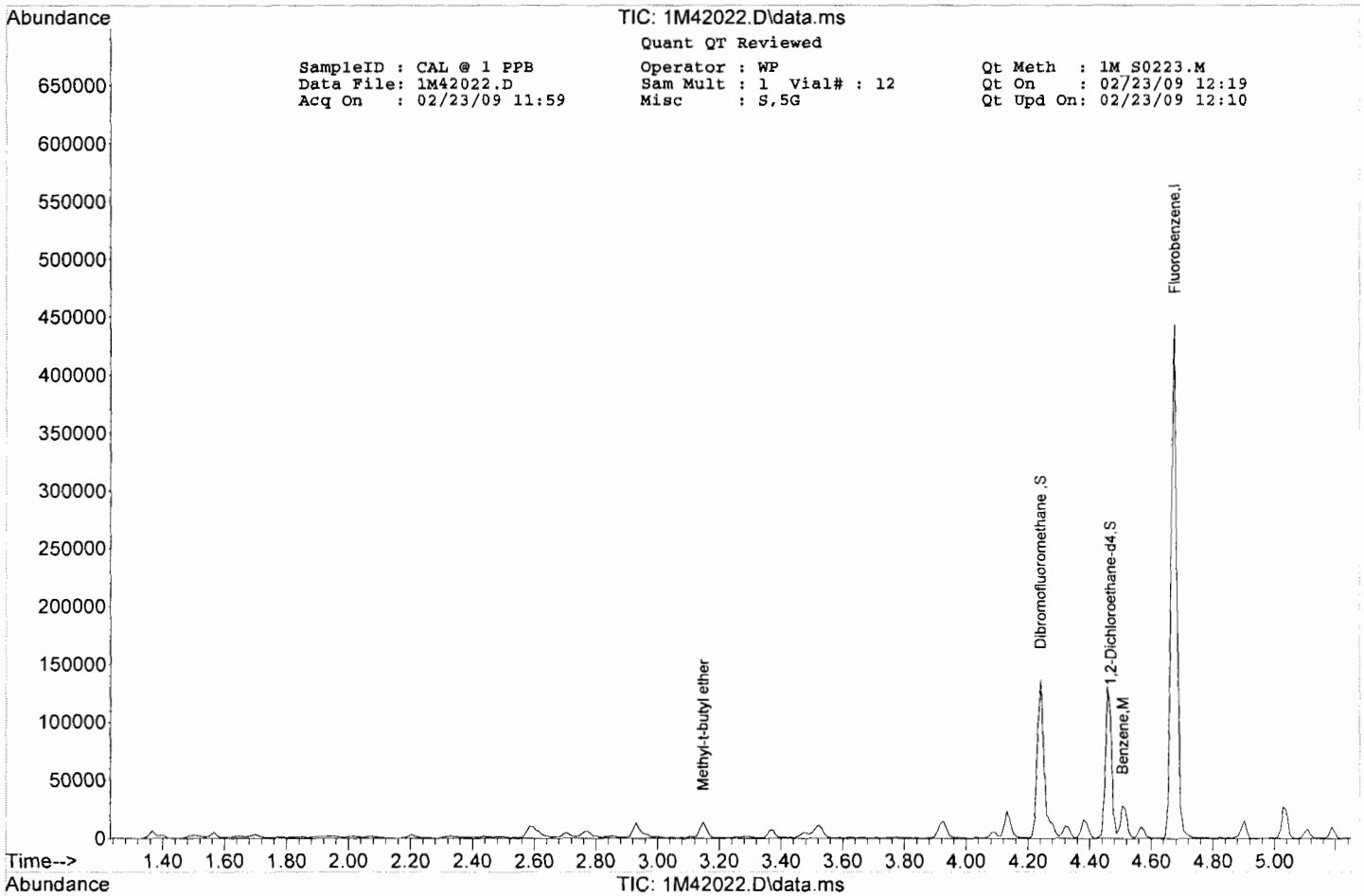
Quantitation Report (QT Reviewed)

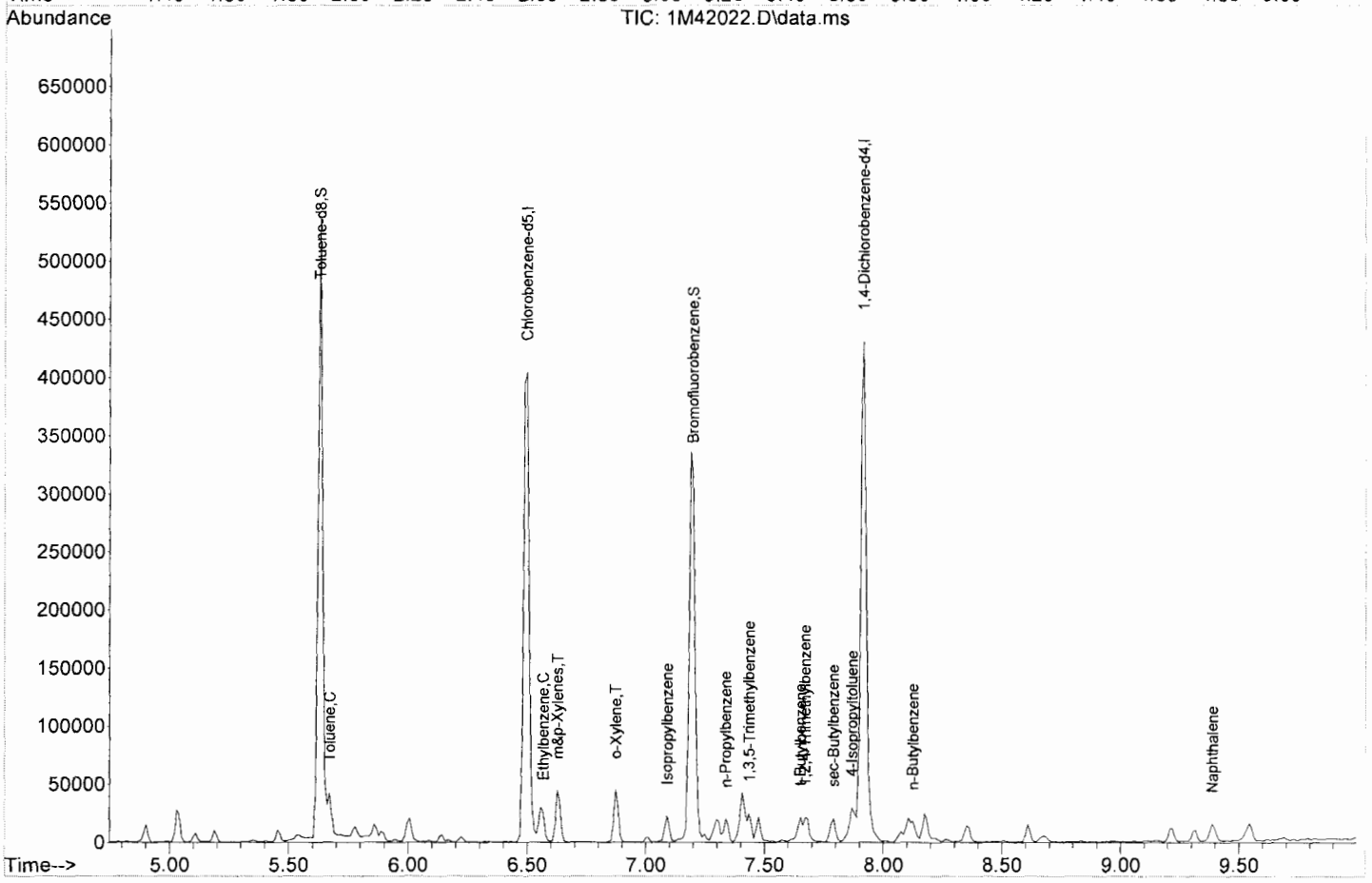
SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42022.D Sam Mult : 1 Vial# : 12 Qt On : 02/23/09 12:19
Acq On : 02/23/09 11:59 Misc : S,5G Qt Upd On: 02/23/09 12:10

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.872	106	5090	1.26 ug/l	98
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	
69) 1,3-Dichlorobenzene	0.000		0	N.D. d	
70) 1,4-Dichlorobenzene	0.000		0	N.D. d	
71) 1,2-Dichlorobenzene	0.000		0	N.D. d	
72) Isopropylbenzene	7.089	105	9851	0.91 ug/l	94
73) Cyclohexanone	0.000		0	N.D.	
74) 1,2,3-Trichloropropane	0.000		0	N.D. d	
75) 2-Chlorotoluene	0.000		0	N.D. d	
76) p-Ethyltoluene	0.000		0	N.D. d	
77) 4-Chlorotoluene	0.000		0	N.D. d	
78) n-Propylbenzene	7.335	91	12913	1.05 ug/l	100
79) Bromobenzene	0.000		0	N.D. d	
80) 1,3,5-Trimethylbenzene	7.434	105	8388	0.97 ug/l	65
81) t-Butylbenzene	7.651	119	8817	0.98 ug/l	92
82) 1,2,4-Trimethylbenzene	7.671	105	11611	1.25 ug/l	92
83) sec-Butylbenzene	7.789	105	10025	0.89 ug/l	98
84) 4-Isopropyltoluene	7.868	119	7437	0.90 ug/l	90
85) n-Butylbenzene	8.124	91	8600	0.93 ug/l	98
86) p-Diethylbenzene	0.000		0	N.D. d	
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D. d	
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.	
89) Hexachlorobutadiene	0.000		0	N.D. d	
90) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
91) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	
92) Naphthalene	9.386	128	11108	1.78 ug/l	100

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


Abundance
TIC: 1M42022.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 1M42022.D
Acq On : 02/23/09 11:59
Operator : WP
Sam Mult : 1 Vial# : 12
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/09 12:19
Qt Upd On: 02/23/09 12:10
Methyl-t-butyl ether
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Benzene,M
Fluorobenzene,I
Time-->


Abundance
TIC: 1M42022.D\data.ms
Toluene-d8,S
Toluene,C
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
1,3,5-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
Naphthalene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M42124.D **Instrument:** GCMS 1

Cont Calibration Date/Time 2/25/2009 8:31:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.65	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.48	35.39				0.619			
Dichlorodifluoromethane	1	0		1.48	25.21	50			0.281	0.142	49.58	
Chloromethane	1	0	CP	1.61	44.72	50	0.1		0.292	0.261	10.56	
Bromomethane	1	0		1.93	30.41	50			0.084	0.051	39.18	
Vinyl Chloride	1	0	CC	1.68	41.35	50	20		0.218	0.181	17.30	
Chloroethane	1	0		2.00	38.40	50			0.110	0.085	23.20	
Trichlorofluoromethane	1	0		2.18	37.82	50			0.348	0.243	24.36	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.56	33.80	50			0.192	0.129	32.40	
Methylene Chloride	1	0		2.91	49.87	50			0.354	0.353	0.26	
Acrolein	1	0		2.48	290.77	250			0.017	0.020	16.31	
Acrylonitrile	1	0		3.09	54.96	50			0.082	0.090	9.92	
Iodomethane	1	0		2.68	43.50	50			0.495	0.430	13.00	
Acetone	1	0		2.59	280.00	250			0.069	0.069	12.00	
Carbon Disulfide	1	0		2.74	41.67	50			1.011	0.843	16.66	
t-Butyl Alcohol	1	0		2.98	267.13	250			0.012	0.013	6.85	
n-Hexane	1	0		3.34	28.75	50			0.250	0.144	42.50	
Di-isopropyl-ether	1	0		3.50	51.97	50			1.210	1.258	3.94	
1.1-Dichloroethene	1	0	CC	2.56	40.37	50	20		0.555	0.448	19.26	
Methyl Acetate	1	0		2.83	51.76	50			0.195	0.202	3.52	
Methyl-t-butyl ether	1	0		3.13	55.32	50			0.478	0.529	10.64	
1.1-Dichloroethane	1	0	CP	3.45	47.00	50	0.1		0.732	0.688	6.00	
trans-1.2-Dichloroethene	1	0		3.13	47.96	50			0.299	0.287	4.08	
cis-1.2-Dichloroethene	1	0		3.90	49.01	50			0.665	0.652	1.98	
Bromochloromethane	1	0		4.07	43.45	50			0.395	0.343	13.10	
2.2-Dichloropropane	1	0		3.90	47.15	50			0.357	0.337	5.70	
1.4-Dioxane	1	0		5.10	2524.63	2500			0.002	0.002	0.99	
1.1-Dichloropropene	1	0		4.37	45.71	50			0.469	0.429	8.58	
Chloroform	1	0	CC	4.11	51.71	50	20		0.623	0.645	3.42	
Dibromofluoromethane	1	0	S	4.22	30.68	75			0.276	0.282	2.27	
Cyclohexane	1	0		4.31	32.67	50			0.466	0.304	34.66	
1.2-Dichloroethane-d4	1	0	S	4.45	30.24	75			0.052	0.052	0.80	
1.2-Dichloroethane	1	0		4.50	53.09	50			0.481	0.510	6.18	
2-Butanone	1	0		3.90	71.26	50			0.115	0.121	42.52	
1.1.1-Trichloroethane	1	0		4.26	46.79	50			0.437	0.409	6.42	
Carbon Tetrachloride	1	0		4.38	45.35	50			0.355	0.322	9.30	
Vinyl Acetate	1	0		3.50	53.88	50			1.024	1.104	7.76	
Bromodichloromethane	1	0		5.18	55.10	50			0.505	0.556	10.20	
Methylcyclohexane	1	0		5.02	32.42	50			0.421	0.273	35.16	
Dibromomethane	1	0		5.09	54.75	50			0.242	0.265	9.50	
1.2-Dichloropropane	1	0	CC	5.02	49.13	50	20		0.391	0.385	1.74	
Trichloroethene	1	0		4.88	50.04	50			0.369	0.369	0.08	
Benzene	1	0		4.50	45.95	50			1.359	1.249	8.10	
tert-Amyl methyl ether	1	0		4.56	52.63	50			0.542	0.571	5.26	
Chlorobenzene-d5	1	0	I	6.48	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.12	56.92	50			0.422	0.480	13.84	
2-Chloroethylvinylether	1	0		5.33	64.13	50			0.172	0.221	28.26	
cis-1.3-Dichloropropene	1	0		5.44	56.70	50			0.675	0.766	13.40	
trans-1.3-Dichloropropene	1	0		5.76	57.20	50			0.569	0.651	14.40	
1.1.2-Trichloroethane	1	0		5.88	55.17	50			0.313	0.345	10.34	
1.2-Dibromoethane	1	0		6.20	55.55	50			0.333	0.370	11.10	
1.3-Dichloropropane	1	0		5.97	53.46	50			0.596	0.637	6.92	
4-Methyl-2-Pentanone	1	0		5.52	54.44	50			0.279	0.304	8.88	
2-Hexanone	1	0		6.00	54.46	50			0.191	0.208	8.92	
Tetrachloroethene	1	0		5.99	51.69	50			0.373	0.386	3.38	
Toluene-d8	1	0	S	5.61	30.67	75			0.860	0.879	2.23	
Toluene	1	0	CC	5.65	59.60	50	20		1.127	1.039	19.20	
1.1.1.2-Tetrachloroethane	1	0		6.54	52.83	50			0.407	0.430	5.66	
Chlorobenzene	1	0	CP	6.50	52.97	50	0.3		1.155	1.223	5.94	
1.4-Dichlorobenzene-d4	1	0	I	7.90	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.99	58.17	50	0.1		0.513	0.597	16.34	
Ethylbenzene	1	0	CC	6.55	57.07	50	20		0.746	0.852	14.14	
1.1.2.2-Tetrachloroethane	1	0	CP	7.23	54.85	50	0.3		0.657	0.721	9.70	
Bromofluorobenzene	1	0	S	7.18	30.98	75			0.855	0.882	3.27	
Styrene	1	0		6.86	54.52	50			2.124	2.316	9.04	
m&p-Xylenes	1	0		6.62	102.55	100			1.247	1.279	2.55	
o-Xylene	1	0		6.85	53.19	50			1.271	1.353	6.38	
trans-1.4-Dichloro-2-butene	1	0		7.26	58.76	50			0.215	0.252	17.52	
1.3-Dichlorobenzene	1	0		7.86	60.49	50			1.506	1.822	20.98	
1.4-Dichlorobenzene	1	0		7.92	61.62	50			1.527	1.882	23.24	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M42124.D **Instrnment:** GCMS 1

Cont Calibration Date/Time 2/25/2009 8:31:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.15	58.58	50			1.448	1.697	17.16	
Isopropylbenzene	1	0		7.07	57.22	50			3.197	3.516	14.44	
Cyclohexanone	1	0		7.14	222.85				0.021			
1,2,3-Trichloropropane	1	0		7.27	56.32	50			0.810	0.912	12.64	
2-Chlorotoluene	1	0		7.39	57.12	50			1.892	2.162	14.24	
p-Ethyltoluene	1	0		7.38	57.56				3.389			
4-Chlorotoluene	1	0		7.45	58.35	50			1.815	2.118	16.70	
n-Propylbenzene	1	0		7.32	57.57	50			3.524	4.058	15.14	
Bromobenzene	1	0		7.29	67.15	50			1.907	2.113	34.30	
1,3,5-Trimethylbenzene	1	0		7.41	61.83	50			2.596	2.771	23.66	
t-Butylbenzene	1	0		7.63	52.41	50			2.681	2.810	4.82	
1,2,4-Trimethylbenzene	1	0		7.66	54.68	50			2.891	3.161	9.36	
sec-Butylbenzene	1	0		7.77	55.90	50			3.168	3.542	11.80	
4-Isopropyltoluene	1	0		7.85	60.93	50			2.463	3.002	21.86	
n-Butylbenzene	1	0		8.10	67.42	50			2.618	3.530	34.84	
p-Diethylbenzene	1	0		8.08	66.49				1.513			
1,2,4,5-Tetramethylbenzene	1	0		8.59	66.18				2.310			
1,2-Dibromo-3-Chloropropane	1	0		8.65	52.78	50			0.146	0.154	5.56	
Hexachlorobutadiene	1	0		9.30	56.15	50			0.744	0.835	12.30	
1,2,4-Trichlorobenzene	1	0		9.20	69.04	50			0.918	1.268	38.08	
1,2,3-Trichlorobenzene	1	0		9.52	69.17	50			0.999	1.110	38.34	
Naphthalene	1	0		9.37	59.24	50			1.957	1.693	18.48	
1,2-Dioxane	1	100		0.00	0.00	5000				0.000	100.00	
Freon 113	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42124.D Sam Mult : 1 Vial# : 4 Qt On : 02/25/09 08:54
Acq On : 02/25/09 08:31 Misc : S,5G:.4 Qt Upd On: 02/24/09 07:14

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.654	96	222791	30.00	ug/l	-0.02
45) Chlorobenzene-d5	6.477	117	173256	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.897	152	95536	30.00	ug/l	-0.02
System Monitoring Compounds						
30) Dibromofluoromethane	4.220	111	62814	30.68	ug/l	-0.02
Spiked Amount 30.000			Recovery = 102.27%			
32) 1,2-Dichloroethane-d4	4.447	102	11618	30.24	ug/l	-0.02
Spiked Amount 30.000			Recovery = 100.80%			
56) Toluene-d8	5.610	100	152351	30.67	ug/l	-0.02
Spiked Amount 30.000			Recovery = 102.23%			
64) Bromofluorobenzene	7.177	174	84308	30.98	ug/l	-0.02
Spiked Amount 30.000			Recovery = 103.27%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.478	51	162727	35.39	ug/l	81
3) Dichlorodifluoromethane	1.478	85	52664	25.21	ug/l	97
4) Chloromethane	1.612	50	96814	44.72	ug/l	99
5) Bromomethane	1.930	94	19027	30.41	ug/l	95
6) Vinyl Chloride	1.679	62	67085	41.35	ug/l	97
7) Chloroethane	1.997	64	31457	38.40	ug/l	94
8) Trichlorofluoromethane	2.181	101	90238	37.82	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.565	101	48073	33.80	ug/l	93
10) Methylene Chloride	2.910	84	131064	49.87	ug/l	97
11) Acrolein	2.476	56	36514	290.77	ug/l	95
12) Acrylonitrile	3.087	53	33590	54.96	ug/l	95
13) Iodomethane	2.683	142	159798	43.50	ug/l	68
14) Acetone	2.594	43	127321	280.00	ug/l	94
15) Carbon Disulfide	2.742	76	312962	41.67	ug/l	100
16) t-Butyl Alcohol	2.979	59	23640	267.13	ug/l	77
17) n-Hexane	3.343	57	53315	28.75	ug/l	87
18) Di-isopropyl-ether	3.501	45	467025	51.97	ug/l	89
19) 1,1-Dichloroethene	2.565	61	166302	40.37	ug/l	93
20) Methyl Acetate	2.831	43	74988	51.76	ug/l	100
21) Methyl-t-butyl ether	3.126	73	196465	55.32	ug/l	82
22) 1,1-Dichloroethane	3.452	63	255556	47.00	ug/l	100
23) trans-1,2-Dichloroethene	3.126	96	106429	47.96	ug/l	81
24) cis-1,2-Dichloroethene	3.895	61	242100	49.01	ug/l	94
25) Bromochloromethane	4.073	49	127356	43.45	ug/l	85
26) 2,2-Dichloropropane	3.905	77	125103	47.15	ug/l	94
27) 1,4-Dioxane	5.098	88	43700	2524.63	ug/l	83
28) 1,1-Dichloropropene	4.368	75	159297	45.71	ug/l	93
29) Chloroform	4.112	83	239330	51.71	ug/l	99
31) Cyclohexane	4.309	56	113036	32.67	ug/l	94
33) 1,2-Dichloroethane	4.496	62	189548	53.09	ug/l	97
34) 2-Butanone	3.895	43	45015	71.26	ug/l	90
35) 1,1,1-Trichloroethane	4.260	97	151829	46.79	ug/l	97
36) Carbon Tetrachloride	4.378	117	119677	45.35	ug/l	96
37) Vinyl Acetate	3.501	43	409779	53.88	ug/l	100
38) Bromodichloromethane	5.176	83	206567	55.10	ug/l	96
39) Methylcyclohexane	5.019	83	101448	32.42	ug/l	77
40) Dibromomethane	5.088	174	98394	54.75	ug/l	95
41) 1,2-Dichloropropane	5.019	63	142823	49.13	ug/l	91
42) Trichloroethene	4.881	130	137006	50.04	ug/l	93
43) Benzene	4.496	78	463772	45.95	ug/l	100
44) tert-Amyl methyl ether	4.555	73	212000	52.63	ug/l	74
46) Dibromochloromethane	6.123	129	138681	56.92	ug/l	97
47) 2-Chloroethylvinylether	5.334	63	63865	64.13	ug/l	90
48) cis-1,3-Dichloropropene	5.442	75	221141	56.70	ug/l	97
49) trans-1,3-Dichloropropene	5.758	75	187872	57.20	ug/l	96
50) 1,1,2-Trichloroethane	5.876	97	99629	55.17	ug/l	98
51) 1,2-Dibromoethane	6.201	107	106697	55.55	ug/l	95
52) 1,3-Dichloropropane	5.975	76	183995	53.46	ug/l	97
53) 4-Methyl-2-Pentanone	5.521	43	87749	54.44	ug/l	92
54) 2-Hexanone	6.004	43	60126	54.46	ug/l	99
55) Tetrachloroethene	5.994	164	111355	51.69	ug/l	98
57) Toluene	5.649	92	300154	59.60	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.536	133	124043	52.83	ug/l	95
59) Chlorobenzene	6.497	112	353256	52.97	ug/l	99
61) Bromoform	6.990	173	95071	58.17	ug/l	98
62) Ethylbenzene	6.546	106	135616	57.07	ug/l	96
63) 1,1,2,2-Tetrachloroethane	7.226	83	114783	54.85	ug/l	88
65) Styrene	6.862	104	368762	54.52	ug/l	96
66) m&p-Xylenes	6.615	106	407157	102.55	ug/l	99

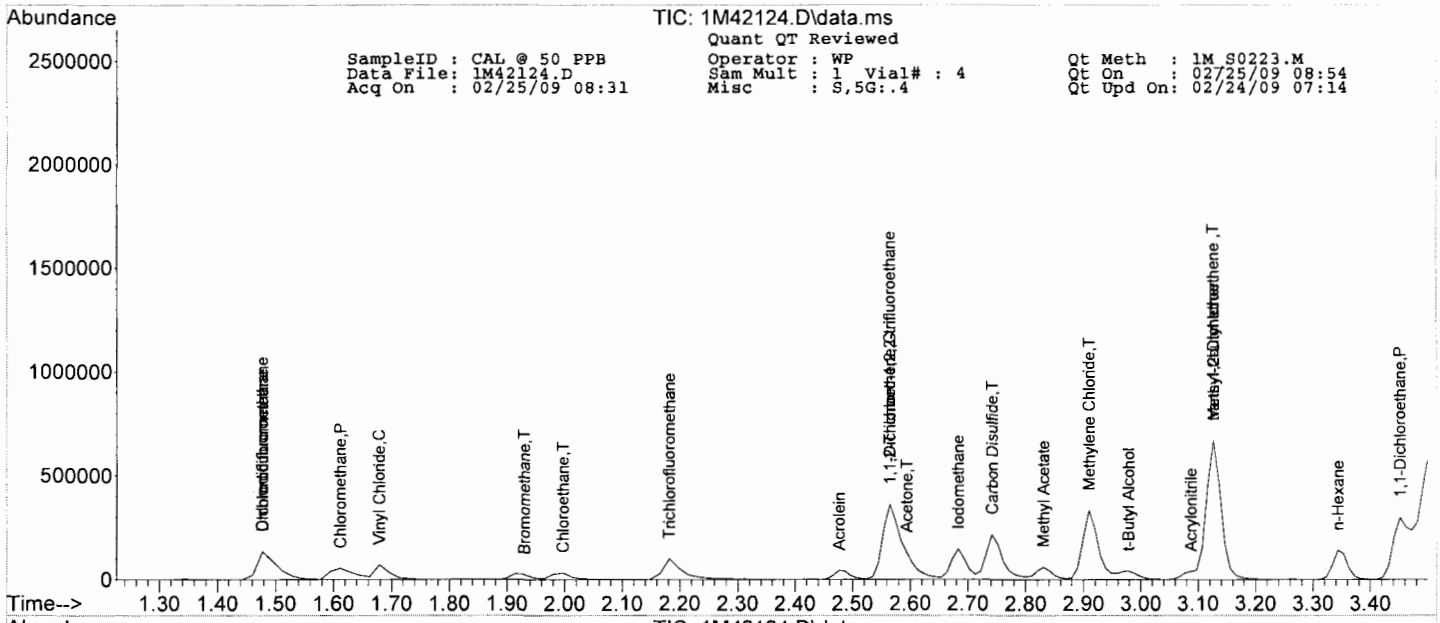
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42124.D Sam Mult : 1 Vial# : 4 Qt On : 02/25/09 08:54
Acq On : 02/25/09 08:31 Misc : S,5G:.4 Qt Upd On: 02/24/09 07:14

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.852	106	215358	53.19	ug/l	82
68) trans-1,4-Dichloro-2-b...	7.256	53	40195	58.76	ug/l	83
69) 1,3-Dichlorobenzene	7.857	146	290040	60.49	ug/l	95
70) 1,4-Dichlorobenzene	7.916	146	299710	61.62	ug/l	97
71) 1,2-Dichlorobenzene	8.153	146	270183	58.58	ug/l	96
72) Isopropylbenzene	7.069	105	559787	57.22	ug/l	99
73) Cyclohexanone	7.138	55	14629	222.85	ug/l	98
74) 1,2,3-Trichloropropane	7.266	75	145213	56.32	ug/l	95
75) 2-Chlorotoluene	7.394	91	344202	57.12	ug/l	98
76) p-Ethyltoluene	7.384	105	621097	57.56	ug/l	97
77) 4-Chlorotoluene	7.453	91	337221	58.35	ug/l	97
78) n-Propylbenzene	7.325	91	646144	57.57	ug/l	96
79) Bromobenzene	7.286	77	336450	67.15	ug/l	92
80) 1,3,5-Trimethylbenzene	7.414	105	441146	61.83	ug/l	54
81) t-Butylbenzene	7.630	119	447434	52.41	ug/l	94
82) 1,2,4-Trimethylbenzene	7.660	105	503366	54.68	ug/l	98
83) sec-Butylbenzene	7.768	105	563985	55.90	ug/l	99
84) 4-Isopropyltoluene	7.847	119	477982	60.93	ug/l	97
85) n-Butylbenzene	8.104	91	562091	67.42	ug/l	97
86) p-Diethylbenzene	8.084	119	320376	66.49	ug/l	98
87) 1,2,4,5-Tetramethylben...	8.586	119	486897	66.18	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.646	157	24548	52.78	ug/l	95
89) Hexachlorobutadiene	9.296	225	132996	56.15	ug/l	99
90) 1,2,4-Trichlorobenzene	9.198	180	201869	69.04	ug/l	98
91) 1,2,3-Trichlorobenzene	9.523	180	176789	69.17	ug/l	98
92) Naphthalene	9.365	128	269534	59.24	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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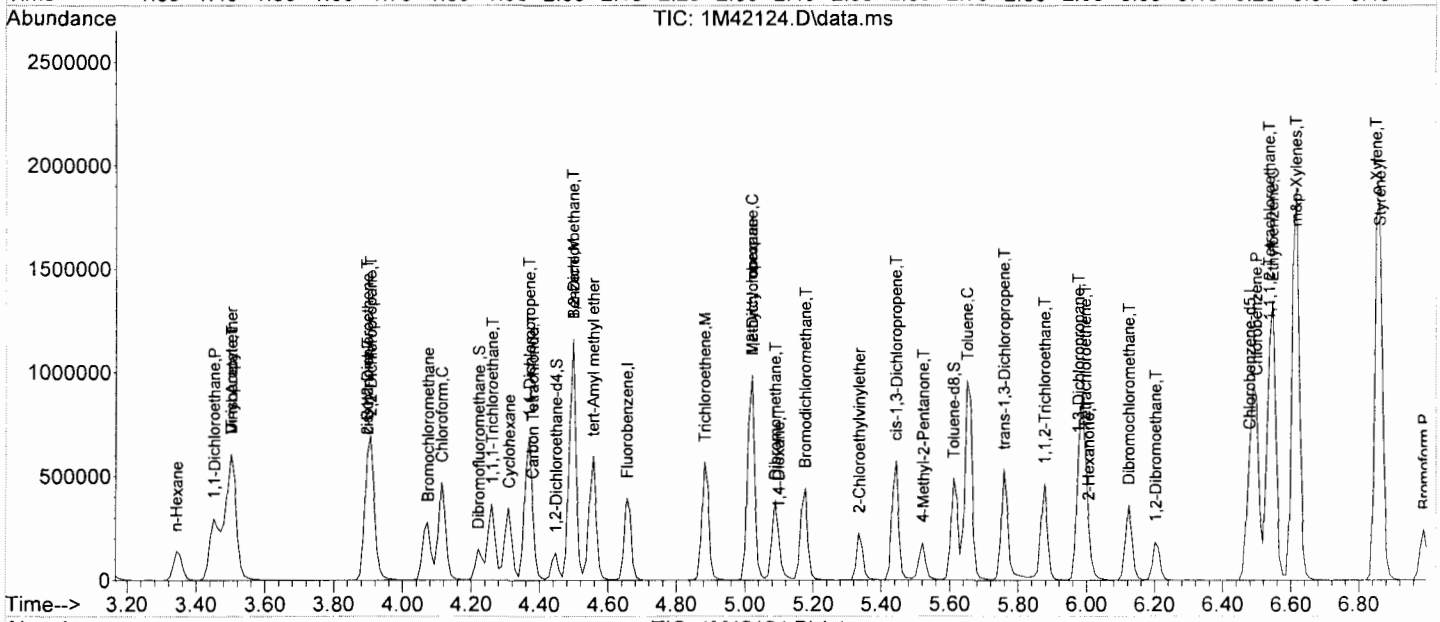
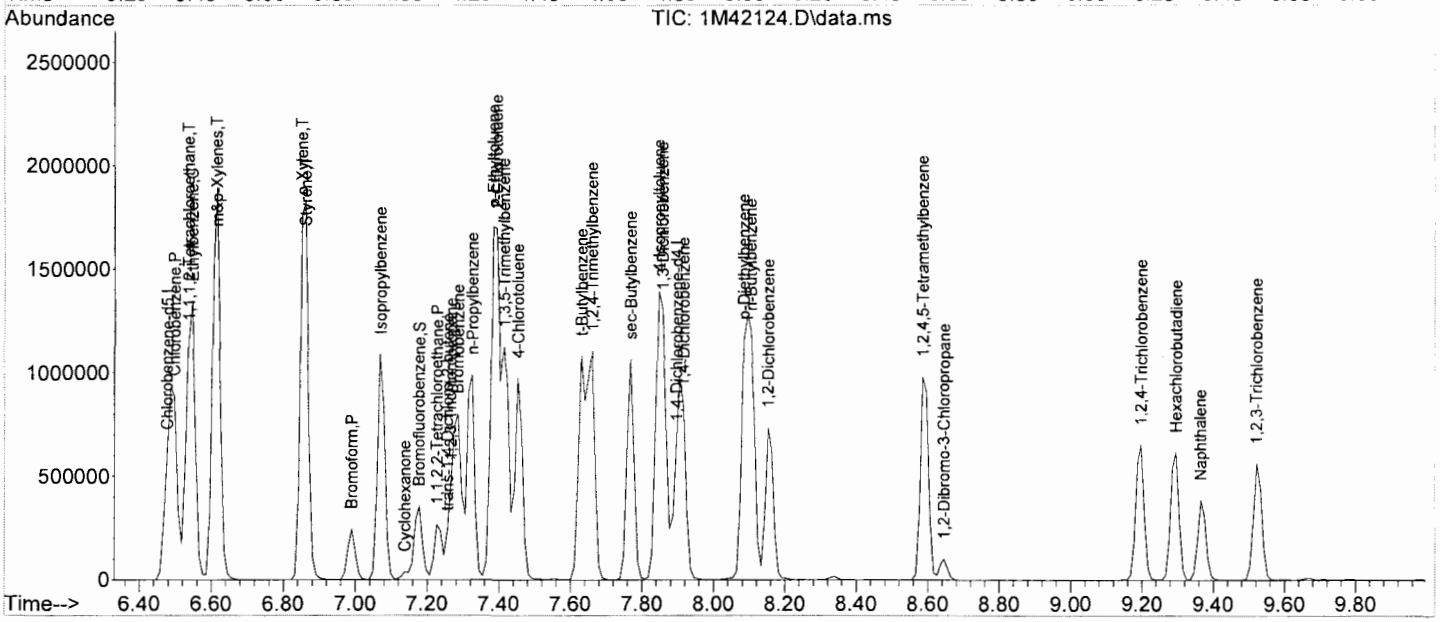
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M42124.D
Acq On : 02/25/09 08:31
Operator : WP
Sam Mult : 1 Vial# : 4
Misc : S,5G:.4
Qt Meth : 1M_S0223.M
Qt On : 02725/09 08:54
Qt Upd On: 02/24/09 07:14
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M42124.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Styrene,T
Time-->


Abundance
TIC: 1M42124.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M38278.D **Instrument:** GCMS 6

Cont Calibration Date/Time 2/20/2009 6:50:00 A Method: EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.39	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.29	17.92	20			0.564	0.506	10.40	
Dichlorodifluoromethane	1	0		1.28	17.16	20			0.320	0.336	14.20	
Chloromethane	1	0		1.41	15.39	20	1	40.8	0.370	0.349	23.05	
Bromomethane	1	0		1.71	22.35	20	2.8	37.2	0.158	0.176	11.75	
Vinyl Chloride	1	0		1.48	20.62	20	1	39.2	0.278	0.312	3.10	
Chloroethane	1	0		1.78	23.38	20	7.6	32.4	0.136	0.159	16.90	
Trichlorofluoromethane	1	0		1.97	17.27	20	9.6	30.4	0.213	0.246	13.65	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.33	21.79	20			0.132	0.155	8.95	
Methylene Chloride	1	0		2.67	21.46	20	12.1	27.9	0.185	0.198	7.30	
Acrolein	1	0		2.25	134.01	100			0.015	0.020	34.01	
Acrylonitrile	1	0		2.85	24.15	20			0.075	0.085	20.75	
Iodomethane	1	0		2.44	24.77	20			0.320	0.396	23.85	
Acetone	1	0		2.35	120.11	100			0.100	0.090	20.11	
Carbon Disulfide	1	0		2.50	19.88	20			0.471	0.519	0.60	
t-Butyl Alcohol	1	0		2.73	90.04	100			0.024	0.021	9.96	
n-Hexane	1	0		3.08	18.39	20			0.120	0.110	8.05	
Di-isopropyl-ether	1	0		3.23	18.75	20			1.086	1.018	6.25	
1.1-Dichloroethene	1	0		2.33	20.68	20	10.1	29.9	0.319	0.350	3.40	
Methyl Acetate	1	0		2.59	17.78	20			0.291	0.258	11.10	
Methyl-t-butyl ether	1	0		2.87	17.88	20			0.587	0.525	10.60	
1.1-Dichloroethane	1	0		3.18	20.95	20	14.5	25.5	0.400	0.420	4.75	
trans-1.2-Dichloroethene	1	0		2.88	23.31	20	13.9	26.1	0.148	0.173	16.55	
cis-1.2-Dichloroethene	1	0		3.63	19.54	20			0.508	0.496	2.30	
Bromochloromethane	1	0		3.81	16.39	20			0.313	0.256	18.05	
2.2-Dichloropropane	1	0		3.63	19.70	20			0.334	0.361	1.50	
1.4-Dioxane	1	0		4.78	986.07	1000			0.004	0.003	1.39	
1.1-Dichloropropene	1	0		4.11	18.55	20			0.325	0.353	7.25	
Chloroform	1	0		3.87	20.04	20	13.5	26.5	0.496	0.497	0.20	
Dibromofluoromethane	1	0	S	3.98	33.36	30			0.296	0.329	11.20	
Cyclohexane	1	0		4.05	15.21	20			0.374	0.306	23.95	
1.2-Dichloroethane-d4	1	0	S	4.19	27.67	30			0.185	0.171	7.77	
1.2-Dichloroethane	1	0		4.24	20.19	20	13.6	26.4	0.431	0.435	0.95	
2-Butanone	1	0		3.64	18.51	20			0.200	0.142	7.45	
1.1.1-Trichloroethane	1	0		4.00	18.71	20	15	25	0.369	0.377	6.45	
Carbon Tetrachloride	1	0		4.12	19.83	20	14.6	25.4	0.278	0.328	0.85	
Vinyl Acetate	1	0		3.08	17.37	20			0.109	0.089	13.15	
Bromodichloromethane	1	0		4.85	20.57	20	13.1	26.9	0.384	0.395	2.85	
Methylcyclohexane	1	0		4.70	13.87	20			0.208	0.189	30.65	
Dibromomethane	1	0		4.78	28.41	20			0.240	0.340	42.05	
1.2-Dichloropropane	1	0		4.71	18.55	20	6.8	33.2	0.310	0.288	7.25	
Trichloroethene	1	0		4.60	24.20	20	13.3	26.7	0.252	0.305	21.00	
Benzene	1	0		4.24	20.77	20	12.8	27.2	0.971	1.009	3.85	
tert-Amyl methyl ether	1	0		4.30	16.52				0.828			
Chlorobenzene-d5	1	0	I	5.95	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		5.65	19.79	20	13.5	26.5	0.437	0.475	1.05	
2-Chloroethylvinylether	1	0		4.99	13.70	20	1	44.8	0.227	0.192	31.50	
cis-1.3-Dichloropropene	1	0		5.07	14.94	20	4.8	35.2	0.635	0.554	25.30	
trans-1.3-Dichloropropene	1	0		5.35	14.18	20	10	30	0.569	0.484	29.10	
1.1.2-Trichloroethane	1	0		5.44	19.87	20	14.2	25.8	0.331	0.329	0.65	
1.2-Dibromoethane	1	0		5.72	18.46	20			0.367	0.381	7.70	
1.3-Dichloropropane	1	0		4.71	18.53	20			0.221	0.204	7.35	
4-Methyl-2-Pentanone	1	0		5.14	12.68	20			0.696	0.441	36.60	
2-Hexanone	1	0		5.56	12.49	20			0.441	0.275	37.55	
Tetrachloroethene	1	0		5.54	25.25	20	14.7	25.3	0.284	0.358	26.25	
Toluene-d8	1	0	S	5.22	27.31	30			1.410	1.284	8.97	
Toluene	1	0		5.25	19.64	20	14.9	25.1	0.811	0.797	1.80	
1.1.1.2-Tetrachloroethane	1	0		6.00	22.06	20			0.329	0.362	10.30	
Chlorobenzene	1	0		5.96	21.37	20	13.2	26.8	0.862	0.921	6.85	
1.4-Dichlorobenzene-d4	1	0	I	7.17	30.00	30				0.000	0.00	
Bromoform	1	0		6.39	18.36	20	14.2	25.8	0.749	0.811	8.20	
Ethylbenzene	1	0		6.01	19.07	20	11.8	28.2	0.690	0.734	4.65	
1.1.2.2-Tetrachloroethane	1	0		6.61	16.94	20	12.1	27.9	0.998	0.845	15.30	
Bromofluorobenzene	1	0	S	6.55	30.15	30			1.141	1.147	0.50	
Styrene	1	0		6.28	19.47	20			1.772	1.725	2.65	
m&p-Xylenes	1	0		6.07	40.33	40			0.884	0.892	0.83	
o-Xylene	1	0		6.27	20.13	20			0.946	0.952	0.65	
trans-1.4-Dichloro-2-butene	1	0		6.64	16.39	20			0.309	0.253	18.05	
1.3-Dichlorobenzene	1	0		7.14	22.62	20	14.6	25.4	1.135	1.283	13.10	
1.4-Dichlorobenzene	1	0		7.19	20.07	20	12.6	27.4	1.382	1.388	0.35	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M38278.D **Instrument:** GCMS 6

Cont Calibration Date/Time 2/20/2009 6:50:00 A **Method:** EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		7.40	20.19	20	12.6	27.4	1.331	1.344	0.95	
Isopropylbenzene	1	0		6.46	18.33	20			2.062	1.889	8.35	
Cyclohexanone	1	0		6.52	61.54				0.055			
1,2,3-Trichloropropane	1	0		6.64	15.96	20			1.257	1.003	20.20	
2-Chlorotoluene	1	0		6.74	18.90	20			1.869	1.766	5.50	
p-Ethyltoluene	1	0		6.74	21.04				1.842			
4-Chlorotoluene	1	0		6.79	15.33	20			1.823	1.726	23.35	
n-Propylbenzene	1	0		6.68	18.30	20			2.325	2.128	8.50	
Bromobenzene	1	0		6.64	15.93	20			1.967	1.566	20.35	
1,3,5-Trimethylbenzene	1	0		6.77	17.82	20			1.842	1.641	10.90	
t-Butylbenzene	1	0		6.95	19.59	20			1.383	1.354	2.05	
1,2,4-Trimethylbenzene	1	0		6.97	17.53	20			1.865	1.634	12.35	
sec-Butylbenzene	1	0		7.06	18.92	20			1.648	1.559	5.40	
4-Isopropyltoluene	1	0		7.13	19.99	20			1.320	1.319	0.05	
n-Butylbenzene	1	0		7.36	17.23	20			1.662	1.431	13.85	
p-Diethylbenzene	1	0		7.35	18.44				0.836			
1,2,4,5-Tetramethylbenzene	1	0		7.79	15.23				1.659			
1,2-Dibromo-3-Chloropropane	1	0		7.83	16.34	20			0.248	0.233	18.30	
Hexachlorobutadiene	1	0		8.39	13.48	20			0.872	0.529	32.60	
1,2,4-Trichlorobenzene	1	0		8.31	16.46	20			0.847	0.697	17.70	
1,2,3-Trichlorobenzene	1	0		8.59	17.29	20			0.863	0.746	13.55	
Naphthalene	1	0		8.45	15.55	20			2.236	1.739	22.25	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	
1,2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 6M38278.D
Acq On : 02/20/09 06:50
Operator : SG
Sam Mult : 1 Vial# : 4
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02/20/09 07:03
Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.392	96	356909	30.00	ug/l	0.02
45) Chlorobenzene-d5	5.950	117	257257	30.00	ug/l	0.02
60) 1,4-Dichlorobenzene-d4	7.171	152	138988	30.00	ug/l	0.01
System Monitoring Compounds						
30) Dibromofluoromethane	3.977	111	117448	33.36	ug/l	0.03
Spiked Amount 30.000			Recovery =	111.20%		
32) 1,2-Dichloroethane-d4	4.194	67	60885	27.67	ug/l	0.02
Spiked Amount 30.000			Recovery =	92.23%		
56) Toluene-d8	5.216	98	330304	27.31	ug/l	0.02
Spiked Amount 30.000			Recovery =	91.03%		
64) Bromofluorobenzene	6.552	174	159397	30.15	ug/l	0.02
Spiked Amount 30.000			Recovery =	100.50%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.292	51	120352	17.92	ug/l	92
3) Dichlorodifluoromethane	1.280	85	79885	17.16	ug/l	83
4) Chloromethane	1.413	50	82951	15.39	ug/l	93
5) Bromomethane	1.712	94	41928	22.35	ug/l	78
6) Vinyl Chloride	1.482	62	74303	20.62	ug/l	90
7) Chloroethane	1.782	64	37844	23.38	ug/l	95
8) Trichlorofluoromethane	1.968	101	58652	17.27	ug/l	87
9) 1,1,2-Trichloro-1,2,2-...	2.329	101	36798	21.79	ug/l	89
10) Methylene Chloride	2.666	84	47198	21.46	ug/l	91
11) Acrolein	2.251	56	23570	134.01	ug/l	92
12) Acrylonitrile	2.846	53	20315	24.15	ug/l	77
13) Iodomethane	2.443	142	94337	24.77	ug/l	86
14) Acetone	2.353	43	106809	120.11	ug/l	93
15) Carbon Disulfide	2.497	76	123593	19.88	ug/l	100
16) t-Butyl Alcohol	2.732	59	25369	90.04	ug/l	86
17) n-Hexane	3.081	57	26257	18.39	ug/l	90
18) Di-isopropyl-ether	3.231	45	242214	18.75	ug/l	97
19) 1,1-Dichloroethene	2.329	61	83232	20.68	ug/l	97
20) Methyl Acetate	2.588	43	61479	17.78	ug/l	100
21) Methyl-t-butyl ether	2.870	73	124966	17.88	ug/l	87
22) 1,1-Dichloroethane	3.183	63	99834	20.95	ug/l	96
23) trans-1,2-Dichloroethene	2.876	96	41158	23.31	ug/l	98
24) cis-1,2-Dichloroethene	3.634	61	118027	19.54	ug/l	92
25) Bromochloromethane	3.815	49	61005	16.39	ug/l	89
26) 2,2-Dichloropropane	3.634	77	85894	19.70	ug/l	96
27) 1,4-Dioxane	4.777	88	41579	986.07	ug/l	70
28) 1,1-Dichloropropene	4.109	75	84039	18.55	ug/l	97
29) Chloroform	3.869	83	118319	20.04	ug/l	85
31) Cyclohexane	4.049	56	72850	15.21	ug/l	88
33) 1,2-Dichloroethane	4.242	62	103537	20.19	ug/l	97
34) 2-Butanone	3.640	43	33746	18.51	ug/l	95
35) 1,1,1-Trichloroethane	4.001	97	89760	18.71	ug/l	90
36) Carbon Tetrachloride	4.115	117	77988	19.83	ug/l	95
37) Vinyl Acetate	3.081	43	21209	17.37	ug/l	100
38) Bromodichloromethane	4.849	83	94075	20.57	ug/l	94
39) Methylcyclohexane	4.705	83	44975	13.87	ug/l	98
40) Dibromomethane	4.777	174	80966	28.41	ug/l	95
41) 1,2-Dichloropropane	4.711	63	68508	18.55	ug/l	92
42) Trichloroethene	4.597	130	72619	24.20	ug/l	91
43) Benzene	4.236	78	240033	20.77	ug/l	100
44) tert-Amyl methyl ether	4.296	73	162745	16.52	ug/l	93
46) Dibromochloromethane	5.649	129	81380	19.79	ug/l	99
47) 2-Chloroethylvinylether	4.994	63	32981	13.70	ug/l	85
48) cis-1,3-Dichloropropene	5.072	75	95051	14.94	ug/l	95
49) trans-1,3-Dichloropropene	5.349	75	82934	14.18	ug/l	97
50) 1,1,2-Trichloroethane	5.445	97	56435	19.87	ug/l	86
51) 1,2-Dibromoethane	5.715	107	65374	18.46	ug/l	99
52) 1,3-Dichloropropane	4.711	76	35057	18.53	ug/l	99
53) 4-Methyl-2-Pentanone	5.144	43	75627	12.68	ug/l	97
54) 2-Hexanone	5.559	43	47191	12.49	ug/l	92
55) Tetrachloroethene	5.535	164	61419	25.25	ug/l	98
57) Toluene	5.252	92	136643	19.64	ug/l	96
58) 1,1,1,2-Tetrachloroethane	5.998	133	62138	22.06	ug/l	80
59) Chlorobenzene	5.962	112	158000	21.37	ug/l	97
61) Bromoform	6.389	173	75163	18.36	ug/l	94
62) Ethylbenzene	6.010	106	67992	19.07	ug/l	83
63) 1,1,2,2-Tetrachloroethane	6.606	83	78337	16.94	ug/l	95
65) Styrene	6.281	104	159790	19.47	ug/l	97
66) m&p-Xylenes	6.070	106	165227	40.33	ug/l	90

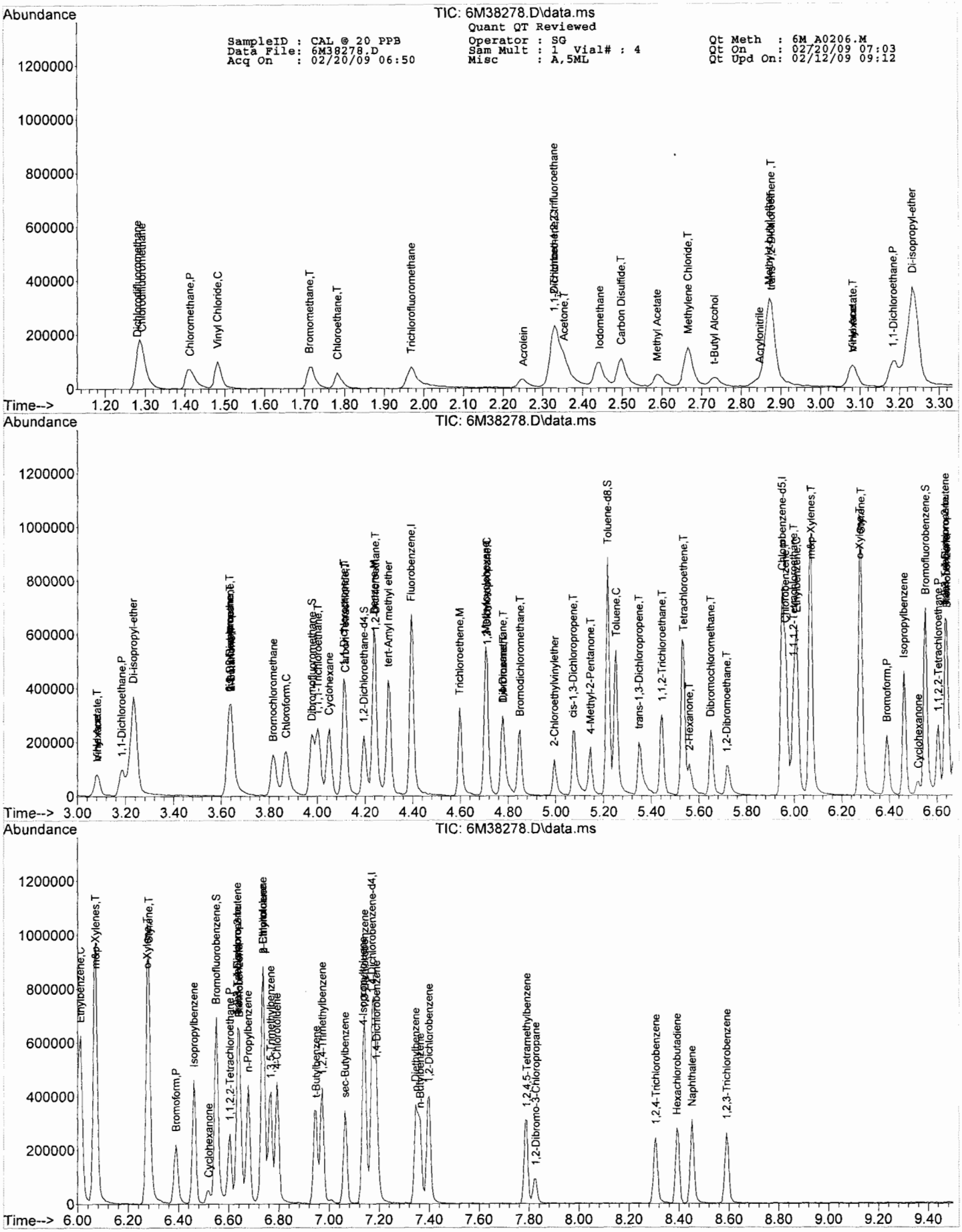
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 6M_A0206.M
Data File: 6M38278.D Sam Mult : 1 Vial# : 4 Qt On : 02/20/09 07:03
Acq On : 02/20/09 06:50 Misc : A,5ML Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-20-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.275	106	88217	20.13	ug/l	71
68) trans-1,4-Dichloro-2-b...	6.636	53	23444	16.39	ug/l	39
69) 1,3-Dichlorobenzene	7.141	146	118881	22.62	ug/l	83
70) 1,4-Dichlorobenzene	7.189	146	128567	20.07	ug/l	84
71) 1,2-Dichlorobenzene	7.400	146	124568	20.19	ug/l	84
72) Isopropylbenzene	6.461	105	175075	18.33	ug/l	92
73) Cyclohexanone	6.521	55	15539	61.54	ug/l	86
74) 1,2,3-Trichloropropane	6.636	75	92948	15.96	ug/l	91
75) 2-Chlorotoluene	6.738	91	163673	18.90	ug/l	93
76) p-Ethyltoluene	6.738	105	179499	21.04	ug/l	84
77) 4-Chlorotoluene	6.792	91	159958	15.33	ug/l	89
78) n-Propylbenzene	6.678	91	197159	18.30	ug/l	93
79) Bromobenzene	6.642	77	145136	15.93	ug/l	83
80) 1,3,5-Trimethylbenzene	6.768	105	152060	17.82	ug/l	85
81) t-Butylbenzene	6.949	119	125501	19.59	ug/l	82
82) 1,2,4-Trimethylbenzene	6.973	105	151419	17.53	ug/l	86
83) sec-Butylbenzene	7.063	105	144427	18.92	ug/l	97
84) 4-Isopropyltoluene	7.135	119	122235	19.99	ug/l	89
85) n-Butylbenzene	7.364	91	132632	17.23	ug/l	79
86) p-Diethylbenzene	7.346	119	71424	18.44	ug/l	90
87) 1,2,4,5-Tetramethylben...	7.791	119	117065	15.23	ug/l	90
88) 1,2-Dibromo-3-Chloropr...	7.827	157	21598	16.34	ug/l	47
89) Hexachlorobutadiene	8.392	225	49034	13.48	ug/l	95
90) 1,2,4-Trichlorobenzene	8.308	180	64619	16.46	ug/l	94
91) 1,2,3-Trichlorobenzene	8.591	180	69093	17.29	ug/l	94
92) Naphthalene	8.452	128	161123	15.55	ug/l	100

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


Abundance
TIC: 6M38278.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M38278.D
Acq On : 02/20/09 06:50
Operator : SG
Sam Mult : 1 Vial# : 4
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02/20/09 07:03
Qt Upd On: 02/12/09 09:12
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
1,1-Dichloroethane,P
Di-isopropyl-ether
Time-->

Abundance
TIC: 6M38278.D\data.ms
1,1-Dichloroethane,P
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
Time-->

Abundance
TIC: 6M38278.D\data.ms
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
n-Propylbenzene
t-Butylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M38331.D **Instrument:** GCMS 6

Cont Calibration Date/Time 2/23/2009 6:58:00 A **Method:** EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.38	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.29	18.77	20			0.564	0.530	6.15	
Dichlorodifluoromethane	1	0		1.27	14.54	20			0.320	0.285	27.30	
Chloromethane	1	0		1.40	15.08	20	1	40.8	0.370	0.342	24.60	
Bromomethane	1	0		1.71	19.28	20	2.8	37.2	0.158	0.152	3.60	
Vinyl Chloride	1	0		1.48	19.27	20	1	39.2	0.278	0.292	3.65	
Chloroethane	1	0		1.78	21.41	20	7.6	32.4	0.136	0.146	7.05	
Trichlorofluoromethane	1	0		1.97	13.57	20	9.6	30.4	0.213	0.194	32.15	
1,1,2-Trichloro-1,2,2-trifluoroetha	1	0		2.32	19.28	20			0.132	0.137	3.60	
Methylene Chloride	1	0		2.66	20.56	20	12.1	27.9	0.185	0.190	2.80	
Acrolein	1	0		2.24	96.74	100			0.015	0.014	3.26	
Acrylonitrile	1	0		2.83	20.44	20			0.075	0.072	2.20	
Iodomethane	1	0		2.43	21.30	20			0.320	0.341	6.50	
Acetone	1	0		2.34	114.52	100			0.100	0.086	14.52	
Carbon Disulfide	1	0		2.49	18.34	20			0.471	0.479	8.30	
t-Butyl Alcohol	1	0		2.72	75.28	100			0.024	0.018	24.72	
n-Hexane	1	0		3.07	17.22	20			0.120	0.103	13.90	
Di-isopropyl-ether	1	0		3.22	18.67	20			1.086	1.014	6.65	
1,1-Dichloroethene	1	0		2.32	19.39	20	10.1	29.9	0.319	0.328	3.05	
Methyl Acetate	1	0		2.58	16.89	20			0.291	0.245	15.55	
Methyl-t-butyl ether	1	0		2.86	17.18	20			0.587	0.504	14.10	
1,1-Dichloroethane	1	0		3.18	20.04	20	14.5	25.5	0.400	0.401	0.20	
trans-1,2-Dichloroethene	1	0		2.86	22.61	20	13.9	26.1	0.148	0.168	13.05	
cis-1,2-Dichloroethene	1	0		3.63	14.44	20			0.508	0.366	27.80	
Bromochloromethane	1	0		3.80	13.71	20			0.313	0.214	31.45	
2,2-Dichloropropane	1	0		3.63	14.07	20			0.334	0.258	29.65	
1,4-Dioxane	1	0		4.77	773.24	1000			0.004	0.003	22.68	
1,1-Dichloropropene	1	0		4.10	18.14	20			0.325	0.345	9.30	
Chloroform	1	0		3.86	18.30	20	13.5	26.5	0.496	0.454	8.50	
Dibromofluoromethane	1	0	S	3.96	31.17	30			0.296	0.308	3.90	
Cyclohexane	1	0		4.04	14.87	20			0.374	0.299	25.65	
1,2-Dichloroethane-d4	1	0	S	4.19	26.86	30			0.185	0.166	10.47	
1,2-Dichloroethane	1	0		4.23	17.96	20	13.6	26.4	0.431	0.387	10.20	
2-Butanone	1	0		3.63	19.01	20			0.200	0.146	4.95	
1,1,1-Trichloroethane	1	0		3.99	17.18	20	15	25	0.369	0.347	14.10	
Carbon Tetrachloride	1	0		4.11	18.23	20	14.6	25.4	0.278	0.301	8.85	
Vinyl Acetate	1	0		3.07	15.96	20			0.109	0.082	20.20	
Bromodichloromethane	1	0		4.84	18.30	20	13.1	26.9	0.384	0.352	8.50	
Methylcyclohexane	1	0		4.70	13.76	20			0.208	0.188	31.20	
Dibromomethane	1	0		4.77	26.37	20			0.240	0.316	31.85	
1,2-Dichloropropane	1	0		4.70	17.73	20	6.8	33.2	0.310	0.275	11.35	
Trichloroethene	1	0		4.59	21.94	20	13.3	26.7	0.252	0.277	9.70	
Benzene	1	0		4.23	20.35	20	12.8	27.2	0.971	0.988	1.75	
tert-Amyl methyl ether	1	0		4.29	16.13				0.828			
Chlorobenzene-d5	1	0	I	5.94	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		5.64	18.42	20	13.5	26.5	0.437	0.442	7.90	
2-Chloroethylvinylether	1	0		4.99	14.47	20	1	44.8	0.227	0.203	27.65	
cis-1,3-Dichloropropene	1	0		5.06	14.43	20	4.8	35.2	0.635	0.535	27.85	
trans-1,3-Dichloropropene	1	0		5.34	13.61	20	10	30	0.569	0.464	31.95	
1,1,2-Trichloroethane	1	0		5.44	18.86	20	14.2	25.8	0.331	0.312	5.70	
1,2-Dibromoethane	1	0		5.71	17.30	20			0.367	0.357	13.50	
1,3-Dichloropropane	1	0		4.70	16.46	20			0.221	0.182	17.70	
4-Methyl-2-Pentanone	1	0		5.14	11.70	20			0.696	0.407	41.50	
2-Hexanone	1	0		5.55	12.31	20			0.441	0.271	38.45	
Tetrachloroethene	1	0		5.53	24.31	20	14.7	25.3	0.284	0.345	21.55	
Toluene-d8	1	0	S	5.21	27.55	30			1.410	1.295	8.17	
Toluene	1	0		5.24	19.51	20	14.9	25.1	0.811	0.791	2.45	
1,1,1,2-Tetrachloroethane	1	0		5.99	21.27	20			0.329	0.349	6.35	
Chlorobenzene	1	0		5.95	20.16	20	13.2	26.8	0.862	0.869	0.80	
1,4-Dichlorobenzene-d4	1	0	I	7.16	30.00	30				0.000	0.00	
Bromoform	1	0		6.38	17.46	20	14.2	25.8	0.749	0.772	12.70	
Ethylbenzene	1	0		6.00	19.45	20	11.8	28.2	0.690	0.748	2.75	
1,1,2,2-Tetrachloroethane	1	0		6.60	16.51	20	12.1	27.9	0.998	0.824	17.45	
Bromofluorobenzene	1	0	S	6.54	30.84	30			1.141	1.173	2.80	
Styrene	1	0		6.27	19.42	20			1.772	1.721	2.90	
m&p-Xylenes	1	0		6.06	40.64	40			0.884	0.898	1.60	
o-Xylene	1	0		6.27	20.16	20			0.946	0.954	0.80	
trans-1,4-Dichloro-2-butene	1	0		6.62	15.91	20			0.309	0.246	20.45	
1,3-Dichlorobenzene	1	0		7.13	22.52	20	14.6	25.4	1.135	1.278	12.60	
1,4-Dichlorobenzene	1	0		7.18	19.91	20	12.6	27.4	1.382	1.376	0.45	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M38331.D **Instrument:** GCMS 6

Cont Calibration Date/Time 2/23/2009 6:58:00 A Method: EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Dichlorobenzene	1	0		7.39	20.30	20	12.6	27.4	1.331	1.352	1.50	
Isopropylbenzene	1	0		6.45	18.32	20			2.062	1.889	8.40	
Cyclohexanone	1	0		6.51	54.73				0.055			
1.2.3-Trichloropropane	1	0		6.63	15.28	20			1.257	0.961	23.60	
2-Chlorotoluene	1	0		6.73	18.72	20			1.869	1.750	6.40	
p-Ethyltoluene	1	0		6.72	21.40				1.842			
4-Chlorotoluene	1	0		6.78	15.69	20			1.823	1.766	21.55	
n-Propylbenzene	1	0		6.67	18.13	20			2.325	2.108	9.35	
Bromobenzene	1	0		6.63	15.22	20			1.967	1.497	23.90	
1.3.5-Trimethylbenzene	1	0		6.75	17.43	20			1.842	1.605	12.85	
t-Butylbenzene	1	0		6.94	19.60	20			1.383	1.355	2.00	
1.2.4-Trimethylbenzene	1	0		6.96	17.99	20			1.865	1.677	10.05	
sec-Butylbenzene	1	0		7.06	18.51	20			1.648	1.525	7.45	
4-Isopropyltoluene	1	0		7.13	20.09	20			1.320	1.325	0.45	
n-Butylbenzene	1	0		7.35	17.60	20			1.662	1.462	12.00	
p-Diethylbenzene	1	0		7.34	19.12				0.836			
1.2.4.5-Tetramethylbenzene	1	0		7.78	15.71				1.659			
1.2-Dibromo-3-Chloropropane	1	0		7.82	16.00	20			0.248	0.228	20.00	
Hexachlorobutadiene	1	0		8.38	13.32	20			0.872	0.523	33.40	
1.2.4-Trichlorobenzene	1	0		8.29	16.98	20			0.847	0.720	15.10	
1.2.3-Trichlorobenzene	1	0		8.58	17.39	20			0.863	0.750	13.05	
Naphthalene	1	0		8.44	15.16	20			2.236	1.695	24.20	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	
1.2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 6M38331.D
Acq On : 02/23/09 06:58

Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML

Qt Meth : 6M_A0206.M
Qt On : 02/23/09 07:13
Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.385	96	378639	30.00	ug/l	0.01
45) Chlorobenzene-d5	5.943	117	264970	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.164	152	139404	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.964	111	116432	31.17	ug/l	0.01
Spiked Amount 30.000			Recovery =	103.90%		
32) 1,2-Dichloroethane-d4	4.186	67	62695	26.86	ug/l	0.01
Spiked Amount 30.000			Recovery =	89.53%		
56) Toluene-d8	5.209	98	343187	27.55	ug/l	0.01
Spiked Amount 30.000			Recovery =	91.83%		
64) Bromofluorobenzene	6.544	174	163532	30.84	ug/l	0.01
Spiked Amount 30.000			Recovery =	102.80%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.287	51	133734	18.77	ug/l	92
3) Dichlorodifluoromethane	1.275	85	71843	14.54	ug/l	89
4) Chloromethane	1.402	50	86273	15.08	ug/l	99
5) Bromomethane	1.707	94	38376	19.28	ug/l	81
6) Vinyl Chloride	1.477	62	73678	19.27	ug/l	96
7) Chloroethane	1.776	64	36756	21.41	ug/l	90
8) Trichlorofluoromethane	1.967	101	48888	13.57	ug/l	86
9) 1,1,2-Trichloro-1,2,2-...	2.322	101	34533	19.28	ug/l	91
10) Methylene Chloride	2.658	84	47985	20.56	ug/l	82
11) Acrolein	2.237	56	18052	96.74	ug/l	98
12) Acrylonitrile	2.827	53	18244	20.44	ug/l	100
13) Iodomethane	2.430	142	86051	21.30	ug/l	85
14) Acetone	2.340	43	108040	114.52	ug/l	100
15) Carbon Disulfide	2.490	76	120920	18.34	ug/l	100
16) t-Butyl Alcohol	2.725	59	22500	75.28	ug/l	94
17) n-Hexane	3.067	57	26092	17.22	ug/l	92
18) Di-isopropyl-ether	3.224	45	255962	18.67	ug/l	97
19) 1,1-Dichloroethene	2.322	61	82804	19.39	ug/l	95
20) Methyl Acetate	2.580	43	61947	16.89	ug/l	100
21) Methyl-t-butyl ether	2.857	73	127330	17.18	ug/l	87
22) 1,1-Dichloroethane	3.176	63	101282	20.04	ug/l	99
23) trans-1,2-Dichloroethene	2.863	96	42341	22.61	ug/l	93
24) cis-1,2-Dichloroethene	3.627	61	92484	14.44	ug/l	95
25) Bromochloromethane	3.801	49	54123	13.71	ug/l	71
26) 2,2-Dichloropropane	3.627	77	65074	14.07	ug/l	98
27) 1,4-Dioxane	4.770	88	34590	773.24	ug/l	67
28) 1,1-Dichloropropene	4.102	75	87174	18.14	ug/l	95
29) Chloroform	3.855	83	114654	18.30	ug/l	85
31) Cyclohexane	4.036	56	75591	14.87	ug/l	86
33) 1,2-Dichloroethane	4.228	62	97703	17.96	ug/l	94
34) 2-Butanone	3.633	43	36778	19.01	ug/l	96
35) 1,1,1-Trichloroethane	3.994	97	87467	17.18	ug/l	100
36) Carbon Tetrachloride	4.108	117	76029	18.23	ug/l	94
37) Vinyl Acetate	3.073	43	20664	15.96	ug/l	100
38) Bromodichloromethane	4.836	83	88777	18.30	ug/l	100
39) Methylcyclohexane	4.698	83	47348	13.76	ug/l	96
40) Dibromomethane	4.770	174	79746	26.37	ug/l	96
41) 1,2-Dichloropropane	4.698	63	69484	17.73	ug/l	98
42) Trichloroethene	4.589	130	69853	21.94	ug/l	88
43) Benzene	4.228	78	249399	20.35	ug/l	100
44) tert-Amyl methyl ether	4.289	73	168574	16.13	ug/l	96
46) Dibromochloromethane	5.642	129	78042	18.42	ug/l	98
47) 2-Chloroethylvinylether	4.986	63	35866	14.47	ug/l	79
48) cis-1,3-Dichloropropene	5.064	75	94586	14.43	ug/l	96
49) trans-1,3-Dichloropropene	5.341	75	81958	13.61	ug/l	94
50) 1,1,2-Trichloroethane	5.437	97	55184	18.86	ug/l	91
51) 1,2-Dibromoethane	5.708	107	63117	17.30	ug/l	86
52) 1,3-Dichloropropane	4.704	76	32073	16.46	ug/l	92
53) 4-Methyl-2-Pentanone	5.137	43	71927	11.70	ug/l	93
54) 2-Hexanone	5.552	43	47905	12.31	ug/l	96
55) Tetrachloroethene	5.528	164	60911	24.31	ug/l	96
57) Toluene	5.239	92	139777	19.51	ug/l	96
58) 1,1,1,2-Tetrachloroethane	5.991	133	61716	21.27	ug/l	79
59) Chlorobenzene	5.955	112	153546	20.16	ug/l	96
61) Bromoform	6.382	173	71712	17.46	ug/l	93
62) Ethylbenzene	6.003	106	69552	19.45	ug/l	90
63) 1,1,2,2-Tetrachloroethane	6.598	83	76617	16.51	ug/l	96
65) Styrene	6.273	104	159925	19.42	ug/l	90
66) m&p-Xylenes	6.057	106	166993	40.64	ug/l	94

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 6M38331.D
Acq On : 02/23/09 06:58

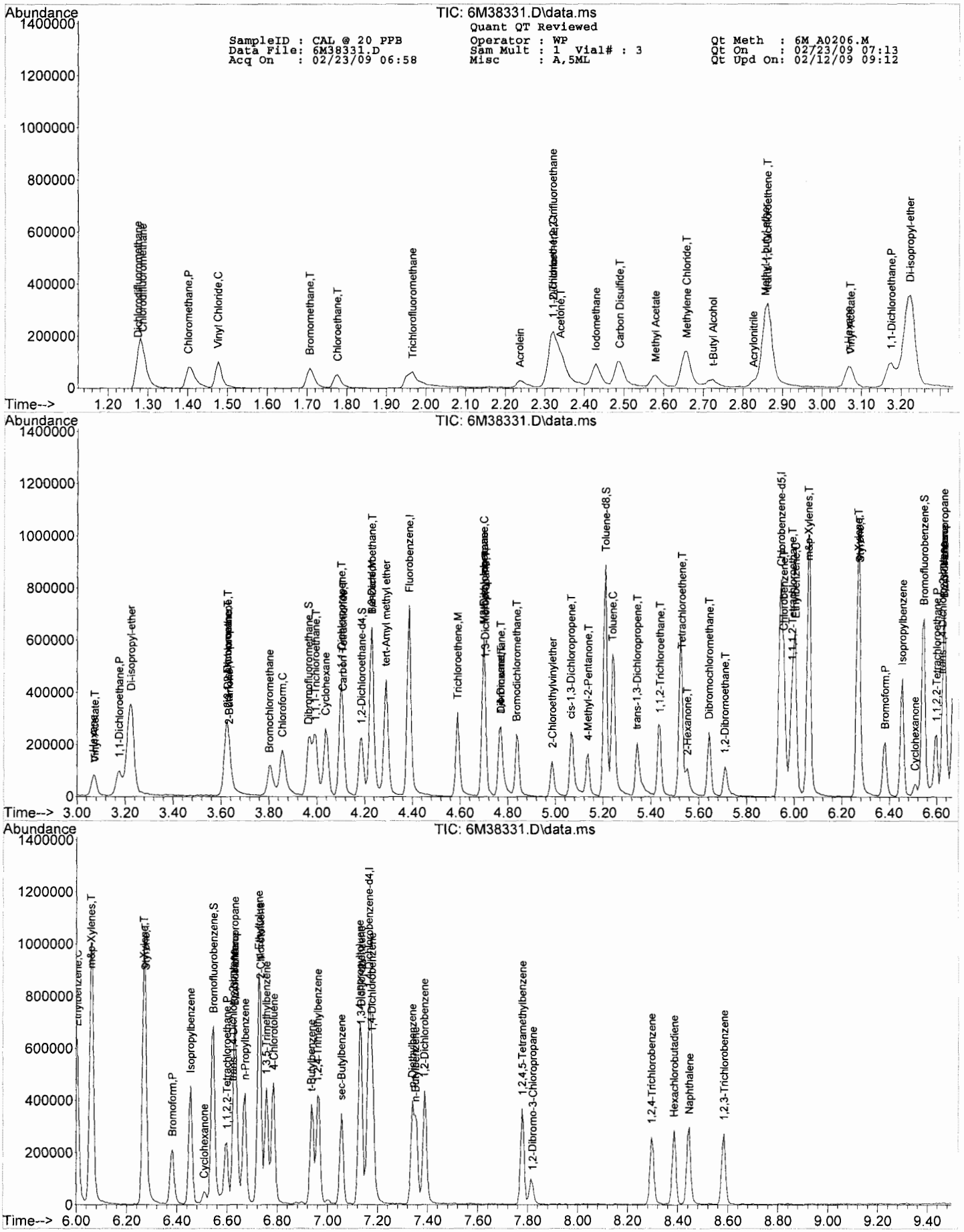
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML

Qt Meth : 6M_A0206.M
Qt On : 02/23/09 07:13
Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.267	106	88641	20.16	ug/l	77
68) trans-1,4-Dichloro-2-b...	6.622	53	22817	15.91	ug/l	37
69) 1,3-Dichlorobenzene	7.134	146	118751	22.52	ug/l	83
70) 1,4-Dichlorobenzene	7.176	146	127889	19.91	ug/l	85
71) 1,2-Dichlorobenzene	7.386	146	125612	20.30	ug/l	86
72) Isopropylbenzene	6.454	105	175533	18.32	ug/l	90
73) Cyclohexanone	6.508	55	13861	54.73	ug/l	84
74) 1,2,3-Trichloropropane	6.628	75	89274	15.28	ug/l	91
75) 2-Chlorotoluene	6.731	91	162601	18.72	ug/l	94
76) p-Ethyltoluene	6.725	105	183150	21.40	ug/l	86
77) 4-Chlorotoluene	6.785	91	164170	15.69	ug/l	87
78) n-Propylbenzene	6.670	91	195942	18.13	ug/l	92
79) Bromobenzene	6.628	77	139131	15.22	ug/l	79
80) 1,3,5-Trimethylbenzene	6.755	105	149165	17.43	ug/l	87
81) t-Butylbenzene	6.935	119	125919	19.60	ug/l	83
82) 1,2,4-Trimethylbenzene	6.959	105	155838	17.99	ug/l	88
83) sec-Butylbenzene	7.055	105	141724	18.51	ug/l	94
84) 4-Isopropyltoluene	7.128	119	123178	20.09	ug/l	92
85) n-Butylbenzene	7.350	91	135876	17.60	ug/l	79
86) p-Diethylbenzene	7.338	119	74280	19.12	ug/l	88
87) 1,2,4,5-Tetramethylben...	7.777	119	121159	15.71	ug/l	87
88) 1,2-Dibromo-3-Chloropr...	7.819	157	21210	16.00	ug/l	53
89) Hexachlorobutadiene	8.385	225	48580	13.32	ug/l	96
90) 1,2,4-Trichlorobenzene	8.295	180	66875	16.98	ug/l	95
91) 1,2,3-Trichlorobenzene	8.583	180	69715	17.39	ug/l	96
92) Naphthalene	8.445	128	157553	15.16	ug/l	100

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


TIC: 6M38331.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M38331.D
Acq On : 02/23/09 06:58
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02/23/09 07:13
Qt Upd On: 02/12/09 09:12
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,I
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
1,1-Dichloroethane,P
Di-isopropyl-ether
TIC: 6M38331.D\data.ms
1,1-Dichloroethane,P
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
TIC: 6M38331.D\data.ms
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M38396.D **Instrument:** GCMS 6

Cont Calibration Date/Time 2/24/2009 7:20:00 A **Method:** EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.38	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.28	16.58	20			0.564	0.468	17.10	
Dichlorodifluoromethane	1	0		1.27	18.19	20			0.320	0.356	9.05	
Chloromethane	1	0		1.40	15.52	20	1	40.8	0.370	0.352	22.40	
Bromomethane	1	0		1.70	24.81	20	2.8	37.2	0.158	0.196	24.05	
Vinyl Chloride	1	0		1.47	20.65	20	1	39.2	0.278	0.313	3.25	
Chloroethane	1	0		1.77	25.16	20	7.6	32.4	0.136	0.171	25.80	
Trichlorofluoromethane	1	0		1.95	17.64	20	9.6	30.4	0.213	0.252	11.80	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.31	24.11	20			0.132	0.171	20.55	
Methylene Chloride	1	0		2.65	22.78	20	12.1	27.9	0.185	0.211	13.90	
Acrolein	1	0		2.23	112.26	100			0.015	0.017	12.26	
Acrylonitrile	1	0		2.82	21.78	20			0.075	0.077	8.90	
Iodomethane	1	0		2.42	24.66	20			0.320	0.395	23.30	
Acetone	1	0		2.33	110.99	100			0.100	0.083	10.99	
Carbon Disulfide	1	0		2.48	21.35	20			0.471	0.558	6.75	
t-Butyl Alcohol	1	0		2.71	73.69	100			0.024	0.017	26.31	
n-Hexane	1	0		3.06	18.11	20			0.120	0.109	9.45	
Di-isopropyl-ether	1	0		3.21	17.30	20			1.086	0.940	13.50	
1.1-Dichloroethene	1	0		2.31	22.08	20	10.1	29.9	0.319	0.373	10.40	
Methyl Acetate	1	0		2.57	16.11	20			0.291	0.234	19.45	
Methyl-t-butyl ether	1	0		2.85	17.28	20			0.587	0.508	13.60	
1.1-Dichloroethane	1	0		3.16	20.86	20	14.5	25.5	0.400	0.418	4.30	
trans-1.2-Dichloroethene	1	0		2.85	25.56	20	13.9	26.1	0.148	0.190	27.80	
cis-1.2-Dichloroethene	1	0		3.61	18.21	20			0.508	0.462	8.95	
Bromochloromethane	1	0		3.80	14.55	20			0.313	0.228	27.25	
2.2-Dichloropropane	1	0		3.62	20.42	20			0.334	0.374	2.10	
1.4-Dioxane	1	0		4.76	874.27	1000			0.004	0.003	12.57	
1.1-Dichloropropene	1	0		4.09	18.16	20			0.325	0.346	9.20	
Chloroform	1	0		3.84	20.92	20	13.5	26.5	0.496	0.519	4.60	
Dibromofluoromethane	1	0	S	3.96	34.16	30			0.296	0.337	13.87	
Cyclohexane	1	0		4.03	13.95	20			0.374	0.281	30.25	
1.2-Dichloroethane-d4	1	0	S	4.18	27.66	30			0.185	0.170	7.80	
1.2-Dichloroethane	1	0		4.22	19.94	20	13.6	26.4	0.431	0.430	0.30	
2-Butanone	1	0		3.62	15.53	20			0.200	0.119	22.35	
1.1.1-Trichloroethane	1	0		3.98	19.82	20	15	25	0.369	0.400	0.90	
Carbon Tetrachloride	1	0		4.10	22.20	20	14.6	25.4	0.278	0.367	11.00	
Vinyl Acetate	1	0		3.06	17.69	20			0.109	0.091	11.55	
Bromodichloromethane	1	0		4.83	19.85	20	13.1	26.9	0.384	0.382	0.75	
Methylcyclohexane	1	0		4.69	15.04	20			0.208	0.205	24.80	
Dibromomethane	1	0		4.76	27.71	20			0.240	0.332	38.55	
1.2-Dichloropropane	1	0		4.69	16.25	20	6.8	33.2	0.310	0.252	18.75	
Trichloroethene	1	0		4.58	25.06	20	13.3	26.7	0.252	0.316	25.30	
Benzene	1	0		4.22	20.44	20	12.8	27.2	0.971	0.993	2.20	
tert-Amyl methyl ether	1	0		4.28	15.55				0.828			
Chlorobenzene-d5	1	0	I	5.94	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		5.64	19.20	20	13.5	26.5	0.437	0.460	4.00	
2-Chloroethylvinylether	1	0		4.98	11.36	20	1	44.8	0.227	0.159	43.20	
cis-1.3-Dichloropropene	1	0		5.06	13.59	20	4.8	35.2	0.635	0.504	32.05	
trans-1.3-Dichloropropene	1	0		5.34	12.64	20	10	30	0.569	0.431	36.80	
1.1.2-Trichloroethane	1	0		5.43	18.56	20	14.2	25.8	0.331	0.307	7.20	
1.2-Dibromoethane	1	0		5.70	17.24	20			0.367	0.356	13.80	
1.3-Dichloropropane	1	0		4.69	17.28	20			0.221	0.191	13.60	
4-Methyl-2-Pentanone	1	0		5.13	8.37	20			0.696	0.291	58.15	
2-Hexanone	1	0		5.55	9.19	20			0.441	0.202	54.05	
Tetrachloroethene	1	0		5.52	24.41	20	14.7	25.3	0.284	0.346	22.05	
Toluene-d8	1	0	S	5.20	25.66	30			1.410	1.206	14.47	
Toluene	1	0		5.23	18.56	20	14.9	25.1	0.811	0.753	7.20	
1.1.1.2-Tetrachloroethane	1	0		5.99	21.47	20			0.329	0.353	7.35	
Chlorobenzene	1	0		5.95	20.14	20	13.2	26.8	0.862	0.868	0.70	
1.4-Dichlorobenzene-d4	1	0	I	7.16	30.00	30				0.000	0.00	
Bromoform	1	0		6.37	18.59	20	14.2	25.8	0.749	0.821	7.05	
Ethylbenzene	1	0		6.00	19.28	20	11.8	28.2	0.690	0.742	3.60	
1.1.2.2-Tetrachloroethane	1	0		6.59	16.42	20	12.1	27.9	0.998	0.820	17.90	
Bromofluorobenzene	1	0	S	6.54	31.60	30			1.141	1.202	5.33	
Styrene	1	0		6.27	19.41	20			1.772	1.720	2.95	
m&p-Xylenes	1	0		6.05	40.33	40			0.884	0.892	0.83	
o-Xylene	1	0		6.26	19.52	20			0.946	0.923	2.40	
trans-1.4-Dichloro-2-butene	1	0		6.62	14.83	20			0.309	0.229	25.85	
1.3-Dichlorobenzene	1	0		7.13	23.72	20	14.6	25.4	1.135	1.346	18.60	
1.4-Dichlorobenzene	1	0		7.17	21.04	20	12.6	27.4	1.382	1.454	5.20	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M38396.D **Instrument:** GCMS 6

Cont Calibration Date/Time 2/24/2009 7:20:00 A **Method:** EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Dichlorobenzene	1	0		7.38	21.12	20	12.6	27.4	1.331	1.406	5.60	
Isopropylbenzene	1	0		6.45	19.13	20			2.062	1.972	4.35	
Cyclohexanone	1	0		6.50	44.30				0.055			
1.2.3-Trichloropropane	1	0		6.62	15.46	20			1.257	0.972	22.70	
2-Chlorotoluene	1	0		6.72	18.37	20			1.869	1.717	8.15	
p-Ethyltoluene	1	0		6.72	22.32				1.842			
4-Chlorotoluene	1	0		6.78	14.57	20			1.823	1.641	27.15	
n-Propylbenzene	1	0		6.67	18.90	20			2.325	2.197	5.50	
Bromobenzene	1	0		6.62	14.43	20			1.967	1.419	27.85	
1.3.5-Trimethylbenzene	1	0		6.75	18.03	20			1.842	1.661	9.85	
t-Butylbenzene	1	0		6.93	20.51	20			1.383	1.418	2.55	
1.2.4-Trimethylbenzene	1	0		6.95	18.13	20			1.865	1.690	9.35	
sec-Butylbenzene	1	0		7.05	19.43	20			1.648	1.601	2.85	
4-Isopropyltoluene	1	0		7.12	21.48	20			1.320	1.417	7.40	
n-Butylbenzene	1	0		7.35	18.04	20			1.662	1.499	9.80	
p-Diethylbenzene	1	0		7.33	19.16				0.836			
1.2.4.5-Tetramethylbenzene	1	0		7.77	15.89				1.659			
1.2-Dibromo-3-Chloropropane	1	0		7.81	16.02	20			0.248	0.229	19.90	
Hexachlorobutadiene	1	0		8.38	14.00	20			0.872	0.549	30.00	
1.2.4-Trichlorobenzene	1	0		8.29	17.20	20			0.847	0.729	14.00	
1.2.3-Trichlorobenzene	1	0		8.58	16.74	20			0.863	0.722	16.30	
Naphthalene	1	0		8.44	15.01	20			2.236	1.678	24.95	
1.2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 6M38396.D
Acq On : 02/24/09 07:20

Operator : WP
Sam Mult : 1 Vial# : 4
Misc : A,5ML

Qt Meth : 6M_A0206.M
Qt On : 02/24/09 07:37
Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.380	96	340839	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.938	117	258682	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.159	152	130719	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.959	111	114845	34.16	ug/l	0.00
Spiked Amount 30.000			Recovery =	113.87%		
32) 1,2-Dichloroethane-d4	4.175	67	58110	27.66	ug/l	0.00
Spiked Amount 30.000			Recovery =	92.20%		
56) Toluene-d8	5.198	98	312066	25.66	ug/l	0.00
Spiked Amount 30.000			Recovery =	85.53%		
64) Bromofluorobenzene	6.539	174	157132	31.60	ug/l	0.00
Spiked Amount 30.000			Recovery =	105.33%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.282	51	106327	16.58	ug/l	79
3) Dichlorodifluoromethane	1.270	85	80890	18.19	ug/l	83
4) Chloromethane	1.397	50	79923	15.52	ug/l	90
5) Bromomethane	1.697	94	44450	24.81	ug/l	88
6) Vinyl Chloride	1.472	62	71062	20.65	ug/l	95
7) Chloroethane	1.772	64	38882	25.16	ug/l	95
8) Trichlorofluoromethane	1.950	101	57229	17.64	ug/l	93
9) 1,1,2-Trichloro-1,2,2-...	2.311	101	38871	24.11	ug/l	91
10) Methylene Chloride	2.648	84	47854	22.78	ug/l	76
11) Acrolein	2.232	56	18856	112.26	ug/l	84
12) Acrylonitrile	2.822	53	17500	21.78	ug/l	91
13) Iodomethane	2.425	142	89706	24.66	ug/l	92
14) Acetone	2.335	43	94253	110.99	ug/l	99
15) Carbon Disulfide	2.479	76	126752	21.35	ug/l	100
16) t-Butyl Alcohol	2.714	59	19826	73.69	ug/l	90
17) n-Hexane	3.057	57	24690	18.11	ug/l	88
18) Di-isopropyl-ether	3.213	45	213512	17.30	ug/l	98
19) 1,1-Dichloroethene	2.311	61	84862	22.08	ug/l	90
20) Methyl Acetate	2.569	43	53193	16.11	ug/l	100
21) Methyl-t-butyl ether	2.852	73	115320	17.28	ug/l	90
22) 1,1-Dichloroethane	3.165	63	94891	20.86	ug/l	95
23) trans-1,2-Dichloroethene	2.852	96	43099	25.56	ug/l	96
24) cis-1,2-Dichloroethene	3.610	61	105018	18.21	ug/l	84
25) Bromochloromethane	3.796	49	51720	14.55	ug/l	81
26) 2,2-Dichloropropane	3.616	77	85029	20.42	ug/l	95
27) 1,4-Dioxane	4.765	88	35205	874.27	ug/l	83
28) 1,1-Dichloropropene	4.091	75	78577	18.16	ug/l	89
29) Chloroform	3.845	83	117927	20.92	ug/l	86
31) Cyclohexane	4.031	56	63803	13.95	ug/l	97
33) 1,2-Dichloroethane	4.223	62	97641	19.94	ug/l	96
34) 2-Butanone	3.616	43	27044	15.53	ug/l	99
35) 1,1,1-Trichloroethane	3.983	97	90810	19.82	ug/l	95
36) Carbon Tetrachloride	4.097	117	83357	22.20	ug/l	93
37) Vinyl Acetate	3.057	43	20625	17.69	ug/l	100
38) Bromodichloromethane	4.831	83	86692	19.85	ug/l	97
39) Methylcyclohexane	4.687	83	46525	15.04	ug/l	93
40) Dibromomethane	4.759	174	75436	27.71	ug/l	88
41) 1,2-Dichloropropane	4.693	63	57313	16.25	ug/l	99
42) Trichloroethene	4.584	130	71825	25.06	ug/l	87
43) Benzene	4.217	78	225535	20.44	ug/l	100
44) tert-Amyl methyl ether	4.284	73	146286	15.55	ug/l	97
46) Dibromochloromethane	5.637	129	79398	19.20	ug/l	96
47) 2-Chloroethylvinylether	4.981	63	27495	11.36	ug/l	85
48) cis-1,3-Dichloropropene	5.060	75	86934	13.59	ug/l	92
49) trans-1,3-Dichloropropene	5.336	75	74325	12.64	ug/l	98
50) 1,1,2-Trichloroethane	5.426	97	53003	18.56	ug/l	92
51) 1,2-Dibromoethane	5.703	107	61414	17.24	ug/l	94
52) 1,3-Dichloropropane	4.693	76	32862	17.28	ug/l	97
53) 4-Methyl-2-Pentanone	5.126	43	50218	8.37	ug/l	96
54) 2-Hexanone	5.547	43	34921	9.19	ug/l	83
55) Tetrachloroethene	5.517	164	59719	24.41	ug/l	97
57) Toluene	5.234	92	129799	18.56	ug/l	92
58) 1,1,1,2-Tetrachloroethane	5.986	133	60822	21.47	ug/l	86
59) Chlorobenzene	5.950	112	149761	20.14	ug/l	97
61) Bromoform	6.371	173	71588	18.59	ug/l	93
62) Ethylbenzene	5.998	106	64640	19.28	ug/l	79
63) 1,1,2,2-Tetrachloroethane	6.587	83	71436	16.42	ug/l	94
65) Styrene	6.269	104	149862	19.41	ug/l	91
66) m&p-Xylenes	6.052	106	155396	40.33	ug/l	90

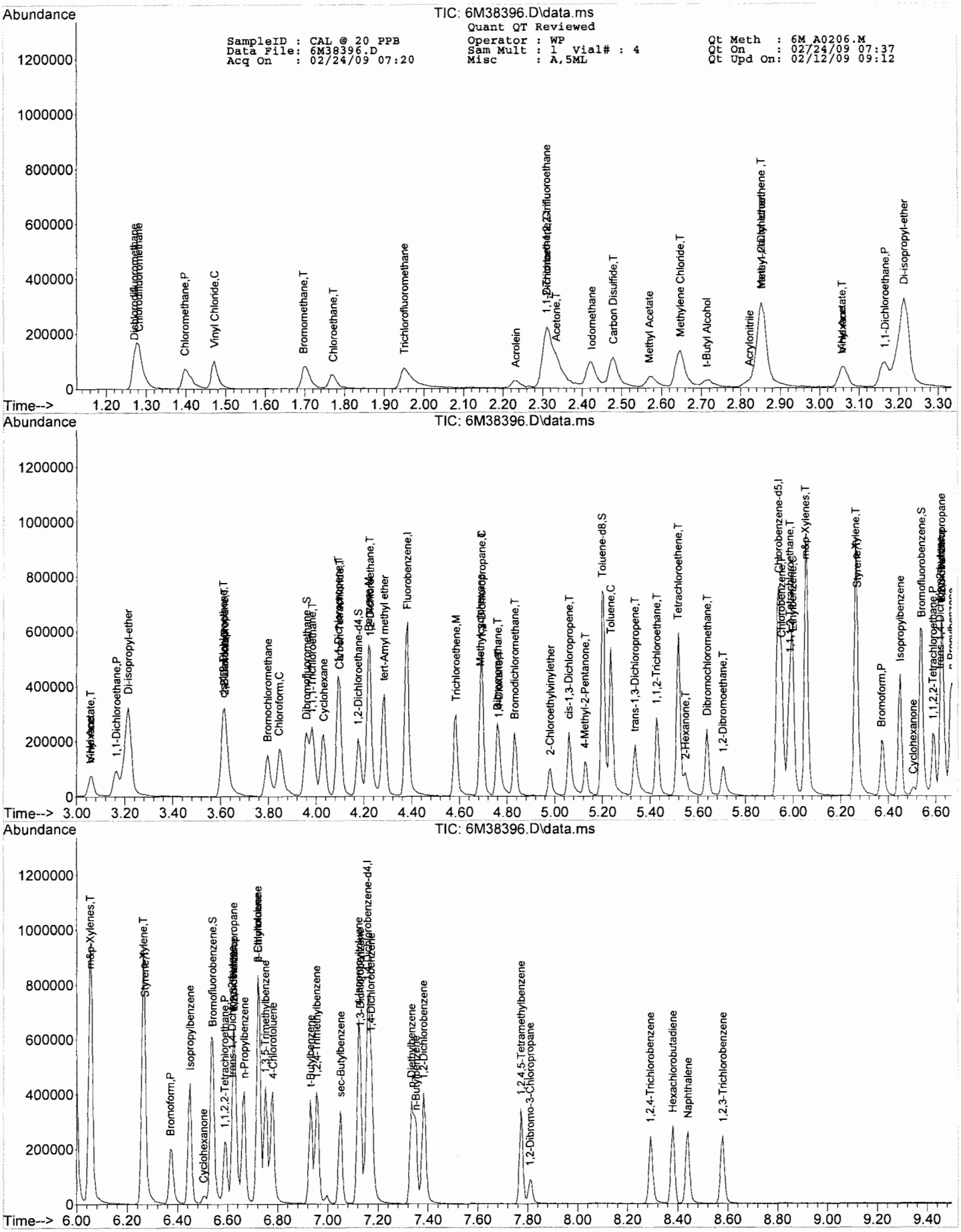
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 6M_A0206.M
Data File: 6M38396.D Sam Mult : 1 Vial# : 4 Qt On : 02/24/09 07:37
Acq On : 02/24/09 07:20 Misc : A,5ML Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.263	106	80460	19.52	ug/l	84
68) trans-1,4-Dichloro-2-b...	6.617	53	19951	14.83	ug/l	47
69) 1,3-Dichlorobenzene	7.129	146	117274	23.72	ug/l	82
70) 1,4-Dichlorobenzene	7.171	146	126735	21.04	ug/l	84
71) 1,2-Dichlorobenzene	7.381	146	122502	21.12	ug/l	83
72) Isopropylbenzene	6.449	105	171847	19.13	ug/l	93
73) Cyclohexanone	6.503	55	10520	44.30	ug/l	80
74) 1,2,3-Trichloropropane	6.623	75	84688	15.46	ug/l	95
75) 2-Chlorotoluene	6.720	91	149630	18.37	ug/l	94
76) p-Ethyltoluene	6.720	105	179103	22.32	ug/l	85
77) 4-Chlorotoluene	6.780	91	142988	14.57	ug/l	88
78) n-Propylbenzene	6.666	91	191497	18.90	ug/l	93
79) Bromobenzene	6.623	77	123700	14.43	ug/l	76
80) 1,3,5-Trimethylbenzene	6.750	105	144740	18.03	ug/l	91
81) t-Butylbenzene	6.930	119	123556	20.51	ug/l	81
82) 1,2,4-Trimethylbenzene	6.954	105	147318	18.13	ug/l	86
83) sec-Butylbenzene	7.051	105	139494	19.43	ug/l	93
84) 4-Isopropyltoluene	7.123	119	123524	21.48	ug/l	88
85) n-Butylbenzene	7.351	91	130638	18.04	ug/l	78
86) p-Diethylbenzene	7.333	119	69830	19.16	ug/l	85
87) 1,2,4,5-Tetramethylben...	7.772	119	114878	15.89	ug/l	87
88) 1,2-Dibromo-3-Chloropr...	7.808	157	19918	16.02	ug/l	54
89) Hexachlorobutadiene	8.380	225	47870	14.00	ug/l	95
90) 1,2,4-Trichlorobenzene	8.290	180	63525	17.20	ug/l	94
91) 1,2,3-Trichlorobenzene	8.578	180	62936	16.74	ug/l	93
92) Naphthalene	8.440	128	146237	15.01	ug/l	100

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


TIC: 6M38396.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M38396.D
Acq On : 02/24/09 07:20
Operator : WP
Sam Mult : 1 Vial# : 4
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02/24/09 07:37
Qt Upd On: 02/12/09 09:12
Abundance
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M42179.D **Instrument:** GCMS 1

Cont Calibration Date/Time 2/26/2009 8:07:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.66	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.48	38.05				0.619			
Dichlorodifluoromethane	1	0		1.48	24.35	50			0.281	0.137	51.30	
Chloromethane	1	0	CP	1.61	32.96	50	0.1		0.292	0.192	34.08	
Bromomethane	1	0		1.93	27.14	50			0.084	0.046	45.72	
Vinyl Chloride	1	0	CC	1.68	42.97	50	20		0.218	0.188	14.06	
Chloroethane	1	0		2.00	37.30	50			0.110	0.082	25.40	
Trichlorofluoromethane	1	0		2.18	57.35	50			0.348	0.354	14.70	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.56	64.43	50			0.192	0.247	28.86	
Methylene Chloride	1	0		2.91	43.03	50			0.354	0.305	13.94	
Acrolein	1	0		2.49	231.20	250			0.017	0.016	7.52	
Acrylonitrile	1	0		3.09	41.47	50			0.082	0.068	17.06	
Iodomethane	1	0		2.68	37.60	50			0.495	0.372	24.80	
Acetone	1	0		2.59	197.41	250			0.069	0.052	21.04	
Carbon Disulfide	1	0		2.74	45.91	50			1.011	0.929	8.18	
t-Butyl Alcohol	1	0		2.98	214.70	250			0.012	0.010	14.12	
n-Hexane	1	0		3.35	66.00	50			0.250	0.330	32.00	
Di-isopropyl-ether	1	0		3.50	46.21	50			1.210	1.118	7.58	
1.1-Dichloroethene	1	0	CC	2.56	50.49	50	20		0.555	0.560	0.98	
Methyl Acetate	1	0		2.83	39.33	50			0.195	0.153	21.34	
Methyl-t-butyl ether	1	0		3.13	43.63	50			0.478	0.417	12.74	
1.1-Dichloroethane	1	0	CP	3.45	46.08	50	0.1		0.732	0.675	7.84	
trans-1.2-Dichloroethene	1	0		3.13	51.00	50			0.299	0.305	2.00	
cis-1.2-Dichloroethene	1	0		3.90	48.36	50			0.665	0.643	3.28	
Bromochloromethane	1	0		4.07	36.50	50			0.395	0.288	27.00	
2.2-Dichloropropane	1	0		3.91	60.69	50			0.357	0.434	21.38	
1.4-Dioxane	1	0		5.10	1994.59	2500			0.002	0.002	20.22	
1.1-Dichloropropene	1	0		4.37	58.67	50			0.469	0.551	17.34	
Chloroform	1	0	CC	4.12	48.70	50	20		0.623	0.607	2.60	
Dibromofluoromethane	1	0	S	4.23	30.74	75			0.276	0.282	2.47	
Cyclohexane	1	0		4.31	64.45	50			0.466	0.601	28.90	
1.2-Dichloroethane-d4	1	0	S	4.45	31.57	75			0.052	0.054	5.23	
1.2-Dichloroethane	1	0		4.50	43.93	50			0.481	0.422	12.14	
2-Butanone	1	0		3.90	57.99	50			0.115	0.099	15.98	
1.1.1-Trichloroethane	1	0		4.26	53.97	50			0.437	0.472	7.94	
Carbon Tetrachloride	1	0		4.38	57.68	50			0.355	0.410	15.36	
Vinyl Acetate	1	0		3.50	45.03	50			1.024	0.922	9.94	
Bromodichloromethane	1	0		5.18	49.41	50			0.505	0.499	1.18	
Methylcyclohexane	1	0		5.02	70.53	50			0.421	0.594	41.06	
Dibromomethane	1	0		5.10	43.57	50			0.242	0.211	12.86	
1.2-Dichloropropane	1	0	CC	5.02	45.50	50	20		0.391	0.356	9.00	
Trichloroethene	1	0		4.89	54.93	50			0.369	0.405	9.86	
Benzene	1	0		4.50	46.47	50			1.359	1.263	7.06	
tert-Amyl methyl ether	1	0		4.56	44.67	50			0.542	0.485	10.66	
Chlorobenzene-d5	1	0	I	6.48	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.13	45.94	50			0.422	0.388	8.12	
2-Chloroethylvinylether	1	0		5.34	47.17	50			0.172	0.163	5.66	
cis-1.3-Dichloropropene	1	0		5.44	48.73	50			0.675	0.658	2.54	
trans-1.3-Dichloropropene	1	0		5.77	47.05	50			0.569	0.535	5.90	
1.1.2-Trichloroethane	1	0		5.88	44.12	50			0.313	0.276	11.76	
1.2-Dibromoethane	1	0		6.21	42.81	50			0.333	0.285	14.38	
1.3-Dichloropropane	1	0		5.98	42.87	50			0.596	0.511	14.26	
4-Methyl-2-Pentanone	1	0		5.52	40.91	50			0.279	0.228	18.18	
2-Hexanone	1	0		6.01	41.30	50			0.191	0.158	17.40	
Tetrachloroethene	1	0		5.99	60.13	50			0.373	0.449	20.26	
Toluene-d8	1	0	S	5.62	29.13	75			0.860	0.835	2.90	
Toluene	1	0	CC	5.66	58.49	50	20		1.127	1.020	16.98	
1.1.1.2-Tetrachloroethane	1	0		6.54	46.50	50			0.407	0.378	7.00	
Chlorobenzene	1	0	CP	6.50	48.35	50	0.3		1.155	1.117	3.30	
1.4-Dichlorobenzene-d4	1	0	I	7.91	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.99	45.77	50	0.1		0.513	0.470	8.46	
Ethylbenzene	1	0	CC	6.56	54.07	50	20		0.746	0.807	8.14	
1.1.2.2-Tetrachloroethane	1	0	CP	7.24	42.63	50	0.3		0.657	0.560	14.74	
Bromofluorobenzene	1	0	S	7.18	31.01	75			0.855	0.884	3.37	
Styrene	1	0		6.86	50.89	50			2.124	2.162	1.78	
m&p-Xylenes	1	0		6.62	104.00	100			1.247	1.297	4.00	
o-Xylene	1	0		6.86	52.09	50			1.271	1.325	4.18	
trans-1.4-Dichloro-2-butene	1	0		7.27	49.93	50			0.215	0.215	0.14	
1.3-Dichlorobenzene	1	0		7.87	58.05	50			1.506	1.748	16.10	
1.4-Dichlorobenzene	1	0		7.92	56.53	50			1.527	1.727	13.06	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M42179.D **Instrument:** GCMS 1

Cont Calibration Date/Time 2/26/2009 8:07:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.16	53.95	50			1.448	1.563	7.90	
Isopropylbenzene	1	0		7.08	59.62	50			3.197	3.812	19.24	
Cyclohexanone	1	0		7.15	217.29				0.021			
1,2,3-Trichloropropane	1	0		7.28	46.72	50			0.810	0.756	6.56	
2-Chlorotoluene	1	0		7.39	51.95	50			1.892	1.966	3.90	
p-Ethyltoluene	1	0		7.39	67.35				3.389			
4-Chlorotoluene	1	0		7.46	58.29	50			1.815	2.116	16.58	
n-Propylbenzene	1	0		7.32	64.65	50			3.524	4.557	29.30	
Bromobenzene	1	0		7.29	62.92	50			1.907	1.980	25.84	
1,3,5-Trimethylbenzene	1	0		7.42	71.95	50			2.596	3.224	43.90	
t-Butylbenzene	1	0		7.64	57.39	50			2.681	3.077	14.78	
1,2,4-Trimethylbenzene	1	0		7.66	55.11	50			2.891	3.186	10.22	
sec-Butylbenzene	1	0		7.77	65.51	50			3.168	4.151	31.02	
4-Isopropyltoluene	1	0		7.85	66.97	50			2.463	3.299	33.94	
n-Butylbenzene	1	0		8.11	78.33	50			2.618	4.101	56.66	
p-Diethylbenzene	1	0		8.09	72.30				1.513			
1,2,4,5-Tetramethylbenzene	1	0		8.60	66.82				2.310			
1,2-Dibromo-3-Chloropropane	1	0		8.65	39.22	50			0.146	0.115	21.56	
Hexachlorobutadiene	1	0		9.30	71.11	50			0.744	1.058	42.22	
1,2,4-Trichlorobenzene	1	0		9.20	66.08	50			0.918	1.213	32.16	
1,2,3-Trichlorobenzene	1	0		9.53	64.18	50			0.999	1.030	28.36	
Naphthalene	1	0		9.37	50.69	50			1.957	1.448	1.38	
1,2-Dioxane	1	100		0.00	0.00	5000				0.000	100.00	
Freon 113	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42179.D Sam Mult : 1 Vial# : 4 Qt On : 02/26/09 11:57
Acq On : 02/26/09 08:07 Misc : S,5G:.4 Qt Upd On: 02/26/09 11:56

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.664	96	222815	30.00	ug/l	-0.01
45) Chlorobenzene-d5	6.477	117	187308	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.906	152	100448	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.230	111	62939	30.74	ug/l	-0.01
Spiked Amount 30.000			Recovery = 102.47%			
32) 1,2-Dichloroethane-d4	4.447	102	12131	31.57	ug/l	-0.02
Spiked Amount 30.000			Recovery = 105.23%			
56) Toluene-d8	5.620	100	156445	29.13	ug/l	-0.01
Spiked Amount 30.000			Recovery = 97.10%			
64) Bromofluorobenzene	7.177	174	88753	31.01	ug/l	-0.02
Spiked Amount 30.000			Recovery = 103.37%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.478	51	174954	38.05	ug/l	76
3) Dichlorodifluoromethane	1.478	85	50880	24.35	ug/l	95
4) Chloromethane	1.612	50	71369	32.96	ug/l	98
5) Bromomethane	1.930	94	16982	27.14	ug/l	99
6) Vinyl Chloride	1.679	62	69728	42.97	ug/l	95
7) Chloroethane	1.997	64	30565	37.30	ug/l	93
8) Trichlorofluoromethane	2.181	101	131530	57.35	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.565	101	91639	64.43	ug/l	95
10) Methylene Chloride	2.910	84	113088	43.03	ug/l	95
11) Acrolein	2.486	56	29037	231.20	ug/l	94
12) Acrylonitrile	3.087	53	25346	41.47	ug/l	100
13) Iodomethane	2.683	142	138166	37.60	ug/l	63
14) Acetone	2.594	43	96340	197.41	ug/l	95
15) Carbon Disulfide	2.742	76	344854	45.91	ug/l	100
16) t-Butyl Alcohol	2.979	59	19002	214.70	ug/l	88
17) n-Hexane	3.353	57	122419	66.00	ug/l	87
18) Di-isopropyl-ether	3.501	45	415298	46.21	ug/l	86
19) 1,1-Dichloroethene	2.565	61	207999	50.49	ug/l	93
20) Methyl Acetate	2.831	43	56984	39.33	ug/l	100
21) Methyl-t-butyl ether	3.126	73	154953	43.63	ug/l	80
22) 1,1-Dichloroethane	3.452	63	250596	46.08	ug/l	100
23) trans-1,2-Dichloroethene	3.126	96	113203	51.00	ug/l	87
24) cis-1,2-Dichloroethene	3.905	61	238904	48.36	ug/l	93
25) Bromochloromethane	4.073	49	107002	36.50	ug/l	81
26) 2,2-Dichloropropane	3.915	77	161046	60.69	ug/l	94
27) 1,4-Dioxane	5.098	88	34529	1994.59	ug/l	74
28) 1,1-Dichloropropene	4.368	75	204482	58.67	ug/l	98
29) Chloroform	4.122	83	225432	48.70	ug/l	98
31) Cyclohexane	4.309	56	223029	64.45	ug/l	91
33) 1,2-Dichloroethane	4.496	62	156843	43.93	ug/l	97
34) 2-Butanone	3.905	43	36634	57.99	ug/l	92
35) 1,1,1-Trichloroethane	4.260	97	175136	53.97	ug/l	97
36) Carbon Tetrachloride	4.378	117	152237	57.68	ug/l	91
37) Vinyl Acetate	3.501	43	342520	45.03	ug/l	100
38) Bromodichloromethane	5.176	83	185264	49.41	ug/l	95
39) Methylcyclohexane	5.019	83	220714	70.53	ug/l	78
40) Dibromomethane	5.098	174	78320	43.57	ug/l	97
41) 1,2-Dichloropropane	5.019	63	132300	45.50	ug/l	90
42) Trichloroethene	4.891	130	150402	54.93	ug/l	95
43) Benzene	4.496	78	469154	46.47	ug/l	100
44) tert-Amyl methyl ether	4.555	73	179977	44.67	ug/l	76
46) Dibromochloromethane	6.132	129	121008	45.94	ug/l	99
47) 2-Chloroethylvinylether	5.344	63	50792	47.17	ug/l	94
48) cis-1,3-Dichloropropene	5.442	75	205482	48.73	ug/l	96
49) trans-1,3-Dichloropropene	5.768	75	167059	47.05	ug/l	97
50) 1,1,2-Trichloroethane	5.876	97	86134	44.12	ug/l	92
51) 1,2-Dibromoethane	6.211	107	88893	42.81	ug/l	95
52) 1,3-Dichloropropane	5.985	76	159523	42.87	ug/l	98
53) 4-Methyl-2-Pentanone	5.521	43	71291	40.91	ug/l	97
54) 2-Hexanone	6.014	43	49290	41.30	ug/l	100
55) Tetrachloroethene	5.994	164	140039	60.13	ug/l	98
57) Toluene	5.659	92	318456	58.49	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.536	133	118034	46.50	ug/l	95
59) Chlorobenzene	6.497	112	348595	48.35	ug/l	100
61) Bromoform	6.990	173	78656	45.77	ug/l	98
62) Ethylbenzene	6.556	106	135104	54.07	ug/l	93
63) 1,1,2,2-Tetrachloroethane	7.236	83	93811	42.63	ug/l	91
65) Styrene	6.862	104	361877	50.89	ug/l	92
66) m&p-Xylenes	6.615	106	434144	104.00	ug/l	98

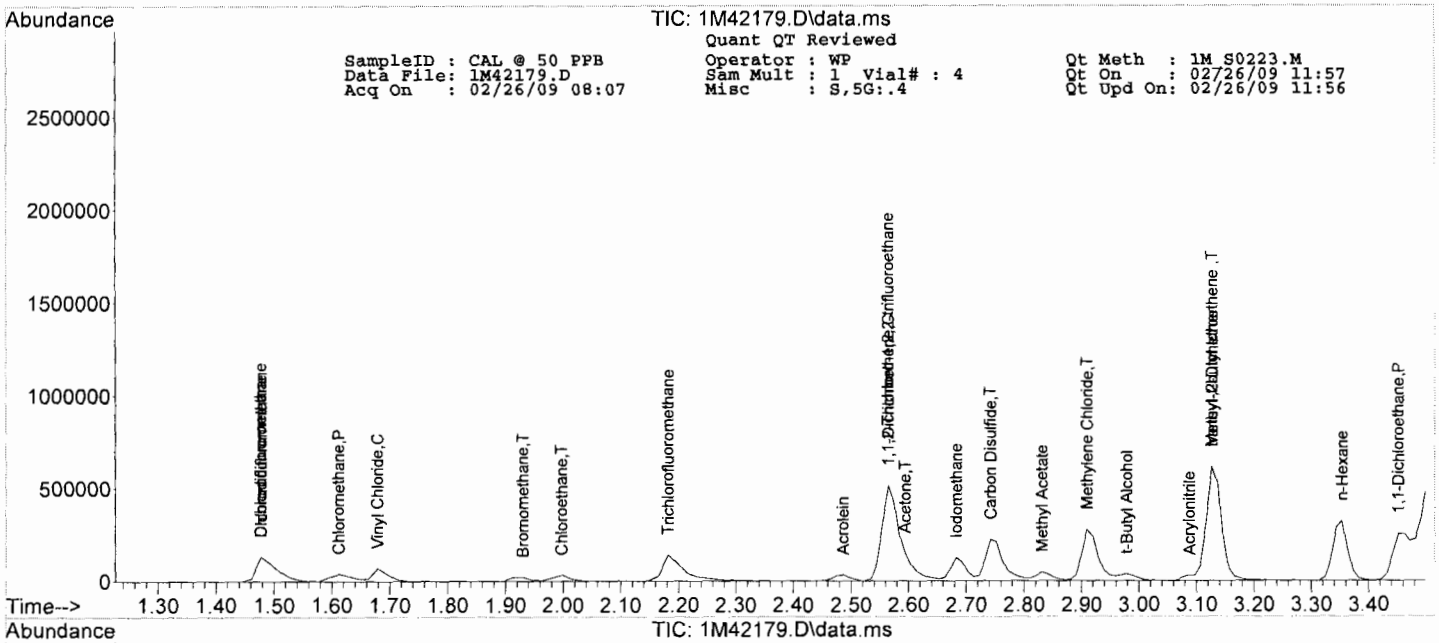
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42179.D Sam Mult : 1 Vial# : 4 Qt On : 02/26/09 11:57
Acq On : 02/26/09 08:07 Misc : S,5G:.4 Qt Upd On: 02/26/09 11:56

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67)	o-Xylene	6.862	106	221767	52.09	ug/l	88
68)	trans-1,4-Dichloro-2-b...	7.266	53	35913	49.93	ug/l	80
69)	1,3-Dichlorobenzene	7.867	146	292621	58.05	ug/l	95
70)	1,4-Dichlorobenzene	7.916	146	289088	56.53	ug/l	97
71)	1,2-Dichlorobenzene	8.163	146	261603	53.95	ug/l	98
72)	Isopropylbenzene	7.079	105	638154	59.62	ug/l	99
73)	Cyclohexanone	7.148	55	14997	217.29	ug/l	91
74)	1,2,3-Trichloropropane	7.276	75	126647	46.72	ug/l	92
75)	2-Chlorotoluene	7.394	91	329152	51.95	ug/l	97
76)	p-Ethyltoluene	7.394	105	764213	67.35	ug/l	99
77)	4-Chlorotoluene	7.463	91	354176	58.29	ug/l	98
78)	n-Propylbenzene	7.325	91	762896	64.65	ug/l	96
79)	Bromobenzene	7.285	77	331438	62.92	ug/l	91
80)	1,3,5-Trimethylbenzene	7.423	105	539791m	71.95	ug/l	
81)	t-Butylbenzene	7.640	119	515101	57.39	ug/l	93
82)	1,2,4-Trimethylbenzene	7.660	105	533434	55.11	ug/l	98
83)	sec-Butylbenzene	7.768	105	694946	65.51	ug/l	99
84)	4-Isopropyltoluene	7.847	119	552344	66.97	ug/l	96
85)	n-Butylbenzene	8.113	91	686634	78.33	ug/l	97
86)	p-Diethylbenzene	8.094	119	366277	72.30	ug/l	99
87)	1,2,4,5-Tetramethylben...	8.596	119	516849	66.82	ug/l	99
88)	1,2-Dibromo-3-Chloropr...	8.646	157	19177	39.22	ug/l	89
89)	Hexachlorobutadiene	9.296	225	177091	71.11	ug/l	99
90)	1,2,4-Trichlorobenzene	9.198	180	203152	66.08	ug/l	98
91)	1,2,3-Trichlorobenzene	9.533	180	172476	64.18	ug/l	97
92)	Naphthalene	9.375	128	242465	50.69	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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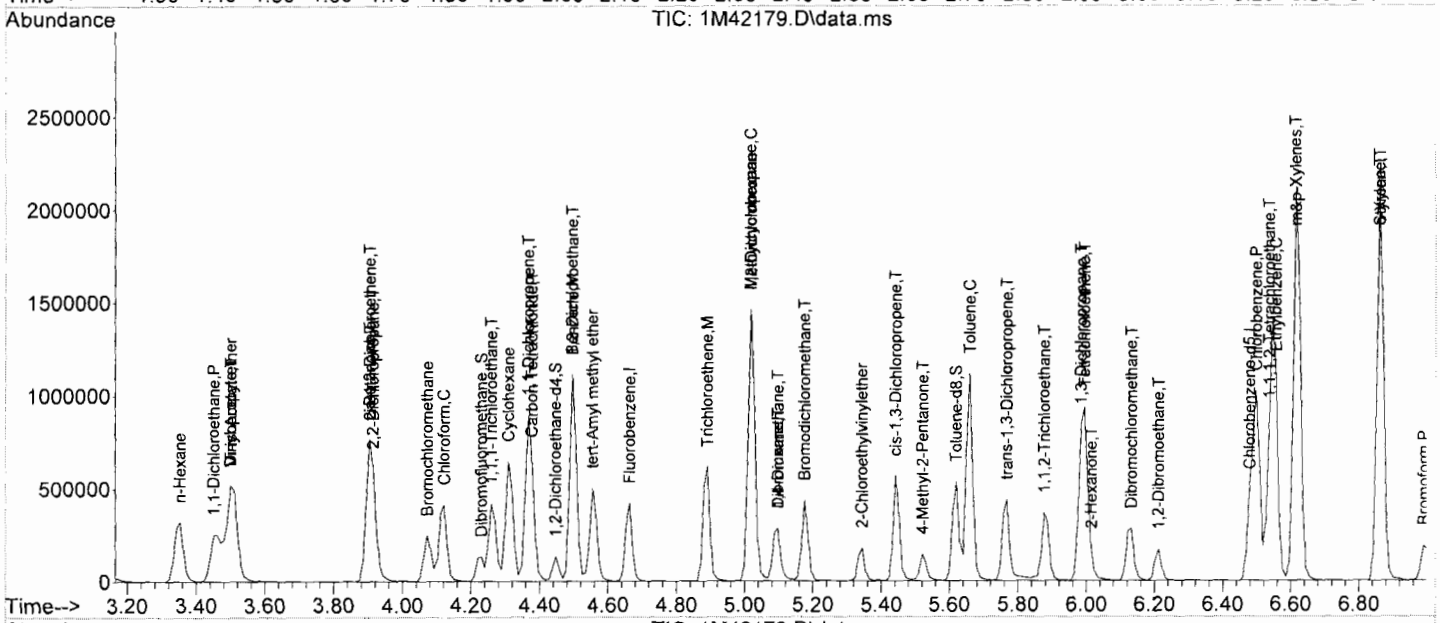
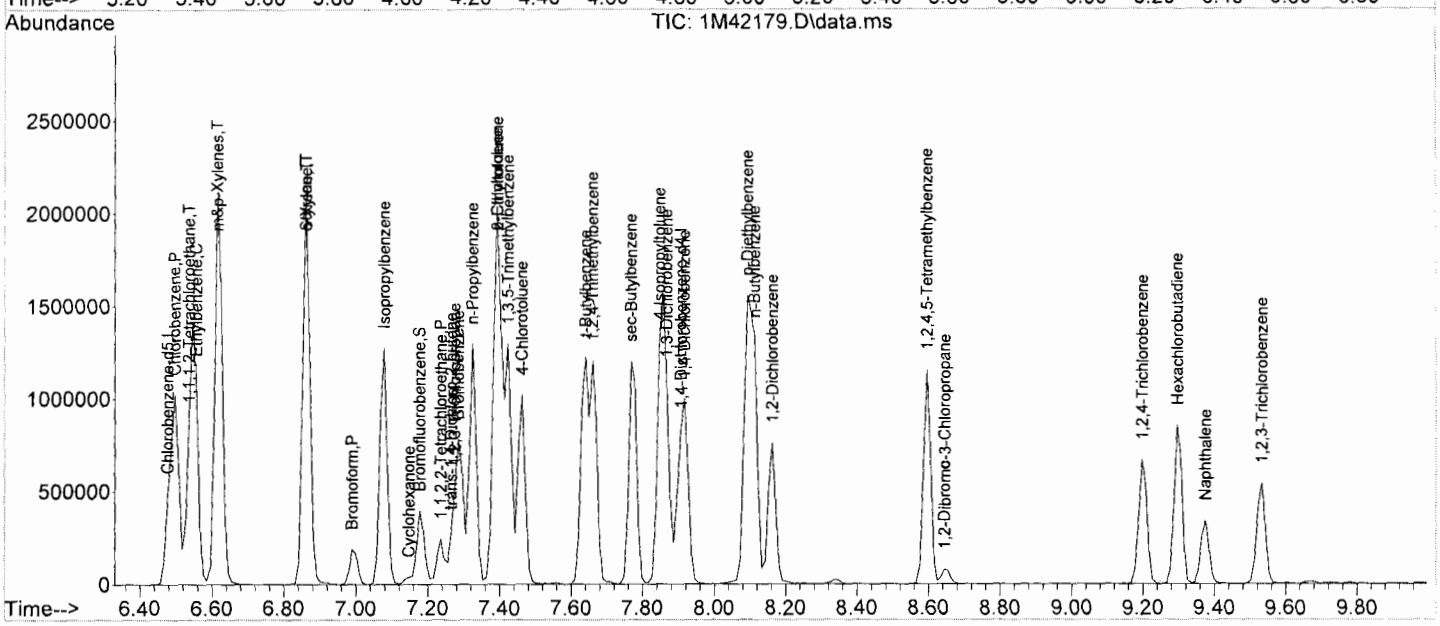
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M42179.D
Acq On : 02/26/09 08:07
Operator : WP
Sam Mult : 1 Vial# : 4
Misc : S,5G:.4
Qt Meth : 1M_S0223.M
Qt On : 02/26/09 11:57
Qt Upd On: 02/26/09 11:56
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M42179.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 1M42179.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
1,1,1,2-Tetrachloroethane,T
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,P
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M42231.D **Instrument:** GCMS 1

Cont Calibration Date/Time 2/27/2009 6:43:00 A Method: EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.69	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.58	35.03				0.619			
Dichlorodifluoromethane	1	0		1.56	21.53	50			0.281	0.121	56.94	
Chloromethane	1	0	CP	1.69	37.51	50	0.1		0.292	0.219	24.98	
Bromomethane	1	0		2.00	27.20	50			0.084	0.046	45.60	
Vinyl Chloride	1	0	CC	1.76	43.96	50	20		0.218	0.192	12.08	
Chloroethane	1	0		2.08	43.55	50			0.110	0.096	12.90	
Trichlorofluoromethane	1	0		2.26	48.04	50			0.348	0.301	3.92	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.63	58.81	50			0.192	0.225	17.62	
Methylene Chloride	1	0		2.99	47.59	50			0.354	0.337	4.82	
Acrolein	1	0		2.56	237.68	250			0.017	0.016	4.93	
Acrylonitrile	1	0		3.16	43.61	50			0.082	0.072	12.78	
Iodomethane	1	0		2.76	45.52	50			0.495	0.450	8.96	
Acetone	1	0		2.66	226.31	250			0.069	0.058	9.48	
Carbon Disulfide	1	0		2.82	45.11	50			1.011	0.913	9.78	
t-Butyl Alcohol	1	0		3.05	263.55	250			0.012	0.013	5.42	
n-Hexane	1	0		3.41	52.39	50			0.250	0.262	4.78	
Di-isopropyl-ether	1	0		3.57	46.11	50			1.210	1.116	7.78	
1.1-Dichloroethene	1	0	CC	2.64	47.87	50	20		0.555	0.531	4.26	
Methyl Acetate	1	0		2.90	38.86	50			0.195	0.152	22.28	
Methyl-t-butyl ether	1	0		3.20	47.56	50			0.478	0.455	4.88	
1.1-Dichloroethane	1	0	CP	3.52	48.46	50	0.1		0.732	0.710	3.08	
trans-1.2-Dichloroethene	1	0		3.20	52.56	50			0.299	0.314	5.12	
cis-1.2-Dichloroethene	1	0		3.95	51.21	50			0.665	0.681	2.42	
Bromochloromethane	1	0		4.12	48.27	50			0.395	0.381	3.46	
2.2-Dichloropropane	1	0		3.96	56.17	50			0.357	0.401	12.34	
1.4-Dioxane	1	0		5.13	3015.62	2500			0.002	0.003	20.62	
1.1-Dichloropropene	1	0		4.41	54.40	50			0.469	0.511	8.80	
Chloroform	1	0	CC	4.16	53.66	50	20		0.623	0.669	7.32	
Dibromofluoromethane	1	0	S	4.27	33.40	75			0.276	0.307	11.33	
Cyclohexane	1	0		4.35	51.34	50			0.466	0.478	2.68	
1.2-Dichloroethane-d4	1	0	S	4.49	32.46	75			0.052	0.056	8.20	
1.2-Dichloroethane	1	0		4.54	50.42	50			0.481	0.485	0.84	
2-Butanone	1	0		3.95	59.61	50			0.115	0.101	19.22	
1.1.1-Trichloroethane	1	0		4.31	55.70	50			0.437	0.487	11.40	
Carbon Tetrachloride	1	0		4.42	56.84	50			0.355	0.404	13.68	
Vinyl Acetate	1	0		3.56	46.30	50			1.024	0.948	7.40	
Bromodichloromethane	1	0		5.21	54.50	50			0.505	0.550	9.00	
Methylcyclohexane	1	0		5.05	57.64	50			0.421	0.486	15.28	
Dibromomethane	1	0		5.13	48.65	50			0.242	0.235	2.70	
1.2-Dichloropropane	1	0	CC	5.05	46.10	50	20		0.391	0.361	7.80	
Trichloroethene	1	0		4.92	54.03	50			0.369	0.398	8.06	
Benzene	1	0		4.54	47.35	50			1.359	1.287	5.30	
tert-Amyl methyl ether	1	0		4.60	45.84	50			0.542	0.497	8.32	
Chlorobenzene-d5	1	0	I	6.51	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.15	50.78	50			0.422	0.428	1.56	
2-Chloroethylvinylether	1	0		5.36	48.04	50			0.172	0.166	3.92	
cis-1.3-Dichloropropene	1	0		5.47	50.35	50			0.675	0.680	0.70	
trans-1.3-Dichloropropene	1	0		5.79	50.53	50			0.569	0.575	1.06	
1.1.2-Trichloroethane	1	0		5.91	46.21	50			0.313	0.289	7.58	
1.2-Dibromoethane	1	0		6.23	46.23	50			0.333	0.308	7.54	
1.3-Dichloropropane	1	0		6.00	45.10	50			0.596	0.538	9.80	
4-Methyl-2-Pentanone	1	0		5.55	40.24	50			0.279	0.225	19.52	
2-Hexanone	1	0		6.03	41.15	50			0.191	0.157	17.70	
Tetrachloroethene	1	0		6.01	55.53	50			0.373	0.414	11.06	
Toluene-d8	1	0	S	5.64	29.44	75			0.860	0.844	1.87	
Toluene	1	0	CC	5.68	58.57	50	20		1.127	1.022	17.14	
1.1.1.2-Tetrachloroethane	1	0		6.56	47.96	50			0.407	0.390	4.08	
Chlorobenzene	1	0	CP	6.52	48.04	50	0.3		1.155	1.109	3.92	
1.4-Dichlorobenzene-d4	1	0	I	7.92	30.00	30				0.000	0.00	
Bromoform	1	0	CP	7.01	47.36	50	0.1		0.513	0.486	5.28	
Ethylbenzene	1	0	CC	6.58	46.69	50	20		0.746	0.697	6.62	
1.1.2.2-Tetrachloroethane	1	0	CP	7.26	42.52	50	0.3		0.657	0.559	14.96	
Bromofluorobenzene	1	0	S	7.20	30.11	75			0.855	0.858	0.37	
Styrene	1	0		6.88	48.00	50			2.124	2.039	4.00	
m&p-Xylenes	1	0		6.64	96.80	100			1.247	1.207	3.20	
o-Xylene	1	0		6.88	49.10	50			1.271	1.248	1.80	
trans-1.4-Dichloro-2-butene	1	0		7.29	46.70	50			0.215	0.201	6.60	
1.3-Dichlorobenzene	1	0		7.89	51.99	50			1.506	1.566	3.98	
1.4-Dichlorobenzene	1	0		7.94	51.46	50			1.527	1.572	2.92	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M42231.D **Instrument:** GCMS 1

Cont Calibration Date/Time 2/27/2009 6:43:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.18	49.44	50			1.448	1.432	1.12	
Isopropylbenzene	1	0		7.10	53.74	50			3.197	3.436	7.48	
Cyclohexanone	1	0		7.17	228.67				0.021			
1,2,3-Trichloropropane	1	0		7.30	45.31	50			0.810	0.734	9.38	
2-Chlorotoluene	1	0		7.41	50.56	50			1.892	1.913	1.12	
p-Ethyltoluene	1	0		7.40	51.25				3.389			
4-Chlorotoluene	1	0		7.48	47.75	50			1.815	1.733	4.50	
n-Propylbenzene	1	0		7.35	56.20	50			3.524	3.961	12.40	
Bromobenzene	1	0		7.31	58.33	50			1.907	1.835	16.66	
1,3,5-Trimethylbenzene	1	0		7.44	62.97	50			2.596	2.822	25.94	
t-Butylbenzene	1	0		7.65	52.27	50			2.681	2.802	4.54	
1,2,4-Trimethylbenzene	1	0		7.68	50.06	50			2.891	2.894	0.12	
sec-Butylbenzene	1	0		7.79	56.70	50			3.168	3.593	13.40	
4-Isopropyltoluene	1	0		7.87	58.00	50			2.463	2.857	16.00	
n-Butylbenzene	1	0		8.12	63.18	50			2.618	3.308	26.36	
p-Diethylbenzene	1	0		8.11	60.61				1.513			
1,2,4,5-Tetramethylbenzene	1	0		8.62	56.46				2.310			
1,2-Dibromo-3-Chloropropane	1	0		8.67	38.41	50			0.146	0.112	23.18	
Hexachlorobutadiene	1	0		9.32	53.85	50			0.744	0.801	7.70	
1,2,4-Trichlorobenzene	1	0		9.22	51.34	50			0.918	0.943	2.68	
1,2,3-Trichlorobenzene	1	0		9.55	50.74	50			0.999	0.814	1.48	
Naphthalene	1	0		9.40	40.35	50			1.957	1.153	19.30	
1,2-Dioxane	1	100		0.00	0.00	5000				0.000	100.00	
Freon 113	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : SG Qt Meth : 1M_S0223.M
Data File: 1M42231.D Sam Mult : 1 Vial# : 3 Qt On : 02/27/09 06:58
Acq On : 02/27/09 06:43 Misc : S,5G:.4 Qt Upd On: 02/26/09 11:56

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Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.694	96	253492	30.00	ug/l	0.02
45) Chlorobenzene-d5	6.507	117	212809	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.917	152	119365	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.270	111	77793	33.40	ug/l	0.03
Spiked Amount 30.000			Recovery = 111.33%			
32) 1,2-Dichloroethane-d4	4.487	102	14192	32.46	ug/l	0.02
Spiked Amount 30.000			Recovery = 108.20%			
56) Toluene-d8	5.640	100	179628	29.44	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.13%			
64) Bromofluorobenzene	7.197	174	102391	30.11	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.37%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.576	51	183252	35.03	ug/l	74
3) Dichlorodifluoromethane	1.560	85	51168	21.53	ug/l	93
4) Chloromethane	1.694	50	92398	37.51	ug/l	98
5) Bromomethane	1.995	94	19362	27.20	ug/l	97
6) Vinyl Chloride	1.761	62	81151	43.96	ug/l	95
7) Chloroethane	2.079	64	40594	43.55	ug/l	98
8) Trichlorofluoromethane	2.263	101	127259	48.04	ug/l	100
9) 1,1,2-Trichloro-1,2,2-...	2.634	101	95168	58.81	ug/l	95
10) Methylene Chloride	2.989	84	142299	47.59	ug/l	92
11) Acrolein	2.555	56	33961	237.68	ug/l	92
12) Acrylonitrile	3.156	53	30324	43.61	ug/l	99
13) Iodomethane	2.762	142	190279	45.52	ug/l	68
14) Acetone	2.664	43	121942	226.31	ug/l	97
15) Carbon Disulfide	2.821	76	385533	45.11	ug/l	100
16) t-Butyl Alcohol	3.048	59	26537	263.55	ug/l	92
17) n-Hexane	3.413	57	110546	52.39	ug/l	87
18) Di-isopropyl-ether	3.570	45	471483	46.11	ug/l	94
19) 1,1-Dichloroethene	2.644	61	224373	47.87	ug/l	96
20) Methyl Acetate	2.900	43	64052	38.86	ug/l	100
21) Methyl-t-butyl ether	3.196	73	192181	47.56	ug/l	84
22) 1,1-Dichloroethane	3.521	63	299830	48.46	ug/l	100
23) trans-1,2-Dichloroethene	3.196	96	132723	52.56	ug/l	81
24) cis-1,2-Dichloroethene	3.955	61	287805	51.21	ug/l	96
25) Bromochloromethane	4.122	49	161009	48.27	ug/l	84
26) 2,2-Dichloropropane	3.965	77	169583	56.17	ug/l	94
27) 1,4-Dioxane	5.128	88	59392	3015.62	ug/l	74
28) 1,1-Dichloropropene	4.408	75	215696	54.40	ug/l	97
29) Chloroform	4.162	83	282591	53.66	ug/l	98
31) Cyclohexane	4.349	56	202101	51.34	ug/l	96
33) 1,2-Dichloroethane	4.536	62	204825	50.42	ug/l	99
34) 2-Butanone	3.955	43	42842	59.61	ug/l	98
35) 1,1,1-Trichloroethane	4.309	97	205637	55.70	ug/l	96
36) Carbon Tetrachloride	4.418	117	170662	56.84	ug/l	91
37) Vinyl Acetate	3.560	43	400668	46.30	ug/l	100
38) Bromodichloromethane	5.206	83	232449	54.50	ug/l	97
39) Methylcyclohexane	5.049	83	205203	57.64	ug/l	77
40) Dibromomethane	5.128	174	99482	48.65	ug/l	95
41) 1,2-Dichloropropane	5.049	63	152493	46.10	ug/l	92
42) Trichloroethene	4.921	130	168311	54.03	ug/l	96
43) Benzene	4.536	78	543759	47.35	ug/l	100
44) tert-Amyl methyl ether	4.595	73	210127	45.84	ug/l	76
46) Dibromochloromethane	6.153	129	151960	50.78	ug/l	99
47) 2-Chloroethylvinylether	5.364	63	58766	48.04	ug/l	91
48) cis-1,3-Dichloropropene	5.472	75	241189	50.35	ug/l	97
49) trans-1,3-Dichloropropene	5.788	75	203841	50.53	ug/l	98
50) 1,1,2-Trichloroethane	5.906	97	102493	46.21	ug/l	99
51) 1,2-Dibromoethane	6.231	107	109069	46.23	ug/l	96
52) 1,3-Dichloropropane	6.005	76	190655	45.10	ug/l	97
53) 4-Methyl-2-Pentanone	5.551	43	79670	40.24	ug/l	89
54) 2-Hexanone	6.034	43	55803	41.15	ug/l	96
55) Tetrachloroethene	6.015	164	146926	55.53	ug/l	99
57) Toluene	5.679	92	362325	58.57	ug/l	95
58) 1,1,1,2-Tetrachloroethane	6.557	133	138316	47.96	ug/l	92
59) Chlorobenzene	6.517	112	393506	48.04	ug/l	99
61) Bromoform	7.010	173	96705	47.36	ug/l	96
62) Ethylbenzene	6.576	106	138624	46.69	ug/l	96
63) 1,1,2,2-Tetrachloroethane	7.256	83	111174	42.52	ug/l	93
65) Styrene	6.882	104	405641	48.00	ug/l	92
66) m&p-Xylenes	6.635	106	480204	96.80	ug/l	97

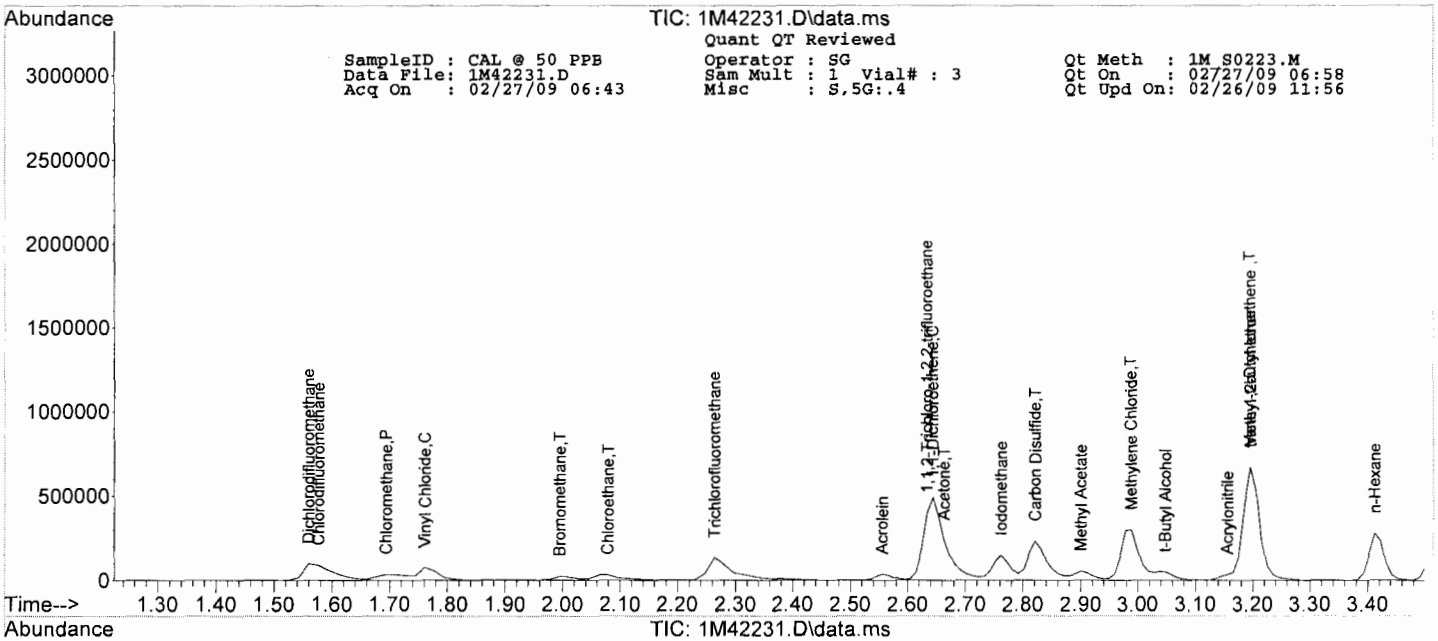
Quantitation Report (QT Reviewed)

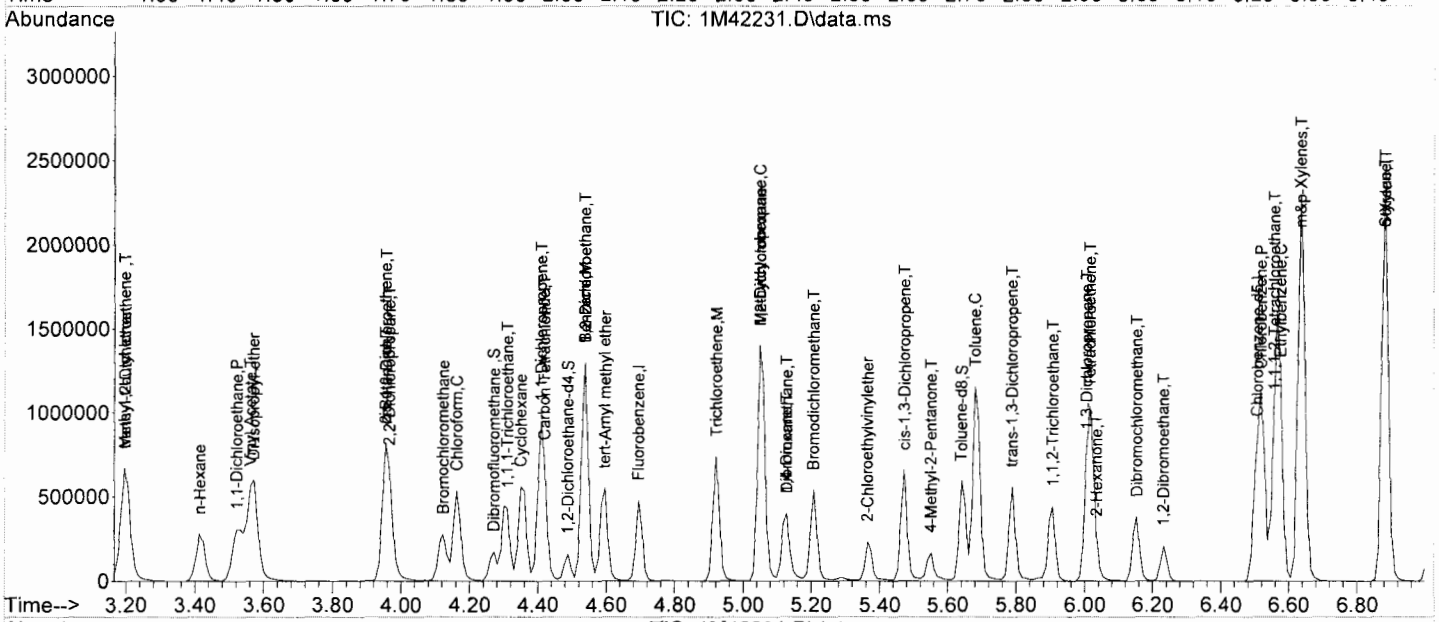
SampleID : CAL @ 50 PPB Operator : SG Qt Meth : 1M_S0223.M
Data File: 1M42231.D Sam Mult : 1 Vial# : 3 Qt On : 02/27/09 06:58
Acq On : 02/27/09 06:43 Misc : S,5G:.4 Qt Upd On: 02/26/09 11:56

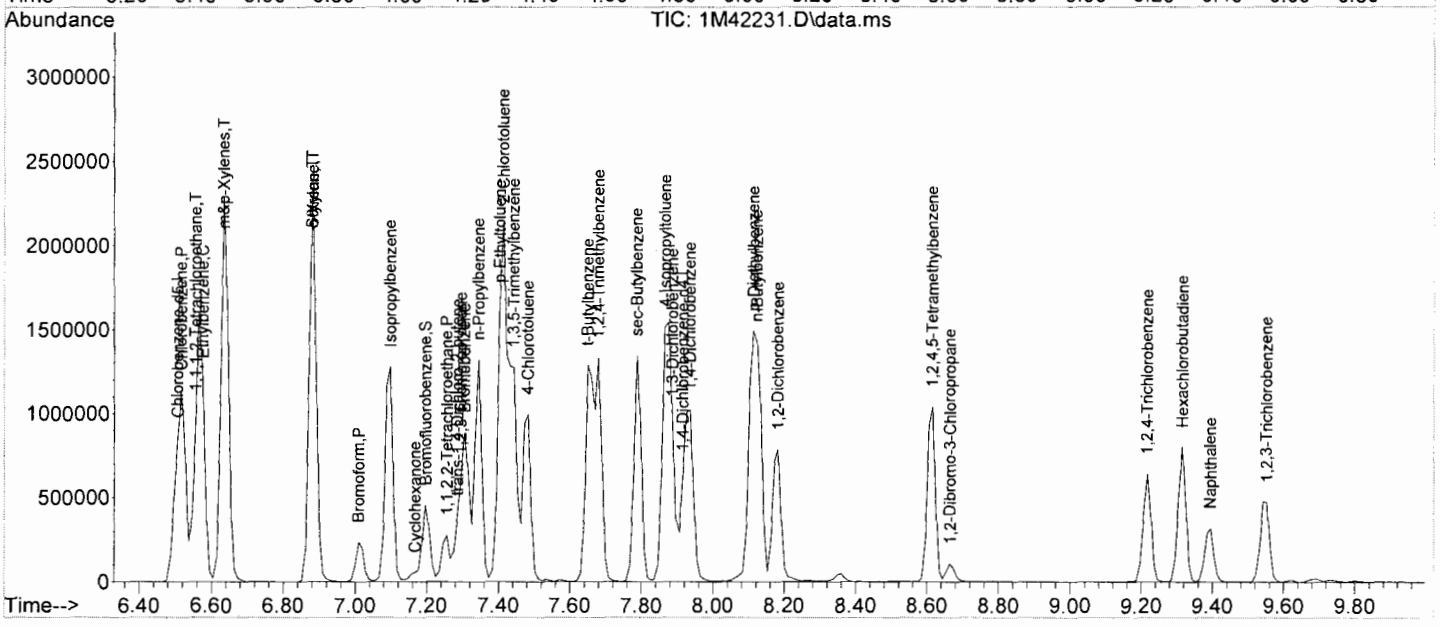
Data Path : G:\GcMsData\2009\GCMS_1\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.882	106	248371	49.10 ug/l	91
68) trans-1,4-Dichloro-2-b...	7.286	53	39911	46.70 ug/l	85
69) 1,3-Dichlorobenzene	7.887	146	311467	51.99 ug/l	96
70) 1,4-Dichlorobenzene	7.936	146	312739	51.46 ug/l	96
71) 1,2-Dichlorobenzene	8.183	146	284903	49.44 ug/l	97
72) Isopropylbenzene	7.099	105	683652	53.74 ug/l	98
73) Cyclohexanone	7.168	55	18755	228.67 ug/l	92
74) 1,2,3-Trichloropropane	7.296	75	145960	45.31 ug/l	95
75) 2-Chlorotoluene	7.414	91	380608	50.56 ug/l	96
76) p-Ethyltoluene	7.404	105	691047	51.25 ug/l	92
77) 4-Chlorotoluene	7.483	91	344768	47.75 ug/l	99
78) n-Propylbenzene	7.345	91	788049	56.20 ug/l	96
79) Bromobenzene	7.306	77	365101	58.33 ug/l	89
80) 1,3,5-Trimethylbenzene	7.444	105	561325m	62.97 ug/l	
81) t-Butylbenzene	7.651	119	557468	52.27 ug/l	93
82) 1,2,4-Trimethylbenzene	7.680	105	575753	50.06 ug/l	98
83) sec-Butylbenzene	7.789	105	714866	56.70 ug/l	99
84) 4-Isopropyltoluene	7.867	119	568474	58.00 ug/l	97
85) n-Butylbenzene	8.124	91	658094	63.18 ug/l	98
86) p-Diethylbenzene	8.114	119	364884	60.61 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.616	119	518987	56.46 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.666	157	22322	38.41 ug/l	88
89) Hexachlorobutadiene	9.316	225	159374	53.85 ug/l	98
90) 1,2,4-Trichlorobenzene	9.218	180	187568	51.34 ug/l	98
91) 1,2,3-Trichlorobenzene	9.553	180	162029	50.74 ug/l	97
92) Naphthalene	9.395	128	229368	40.35 ug/l	100

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


Abundance
TIC: 1M42231.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M42231.D
Acq On : 02/27/09 06:43
Operator : SG
Sam Mult : 1 Vial# : 3
Misc : S,5G:.4
Qt Meth : 1M_S0223.M
Qt On : 02/27/09 06:58
Qt Upd On: 02/26/09 11:56
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Time-->


Abundance
TIC: 1M42231.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
Carbon Tetrachloride,T
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Time-->


Abundance
TIC: 1M42231.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
4-Chlorotoluene
n-Propylbenzene
1,3,5-Trimethylbenzene
t-Butylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

GC/MS Volatile Data
Raw QC Data

Form 5

Tune Name: BFB TUNE **Data File:** 6M37639.D
Instrument: GCMS 6 **Analysis Date:** 02/06/09 12:38
Method: EPA 624

Tune Scan/Time Range: Average of 4.228 to 4.237 min

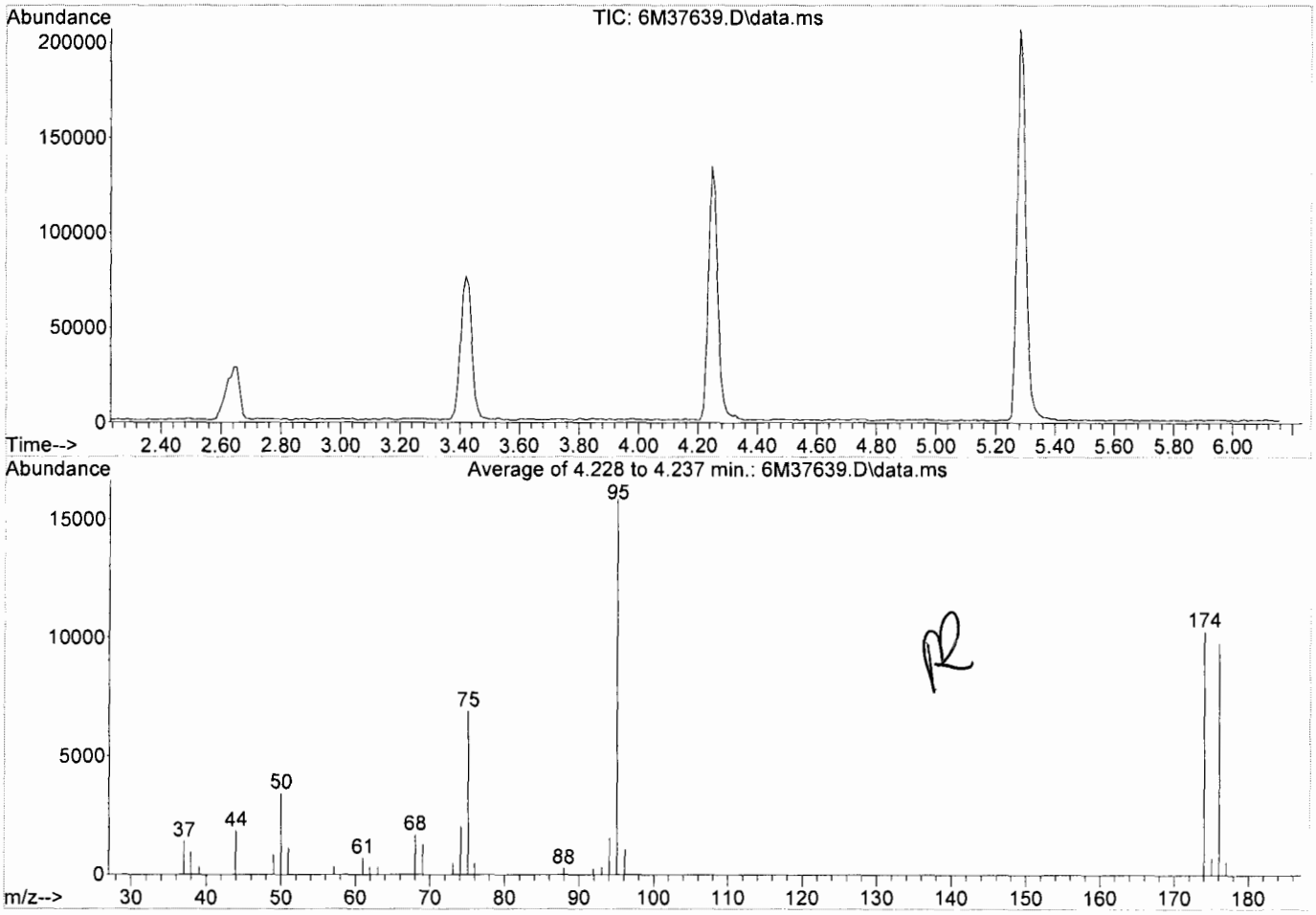
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	21.7	3439	PASS
75	95	30	60	43.5	6891	PASS
95	95	100	100	100.0	15850	PASS
96	95	5	9	6.8	1078	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	64.9	10283	PASS
175	174	5	9	6.9	706	PASS
176	174	95	101	95.1	9775	PASS
177	176	5	9	5.7	553	PASS

Data File	Sample Number	Analysis Date:
6M37641.D	CAL @ 500 PPB	02/06/09 13:04
6M37642.D	CAL @ 250 PPB	02/06/09 13:19
6M37643.D	CAL @ 100 PPB	02/06/09 13:35
6M37644.D	CAL @ 50 PPB	02/06/09 13:51
6M37645.D	CAL @ 20 PPB	02/06/09 14:07
6M37646.D	CAL @ 10 PPB	02/06/09 14:23
6M37647.D	5 PPB	02/06/09 14:38
6M37648.D	CAL @ 5 PPB	02/06/09 14:54
6M37650.D	CAL @ 1 PPB	02/06/09 15:26
6M37651.D	CAL @ 0.5 PPB	02/06/09 15:42
6M37652.D	20 PPB	02/06/09 15:58
6M37653.D	10 PPB	02/06/09 16:14
6M37654.D	ICV	02/06/09 16:29
6M37655.D	BLK	02/06/09 16:45
6M37656.D	DAILY BLANK	02/06/09 17:01
6M37657.D	DAILY BLANK	02/06/09 17:17
6M37658.D	MDL @ 1 PPB	02/06/09 17:33
6M37659.D	MDL @ 1 PPB	02/06/09 17:49
6M37660.D	MDL @ 1 PPB	02/06/09 18:05
6M37661.D	BLK	02/06/09 18:21
6M37662.D	MDL @ 1 PPB	02/06/09 18:43
6M37663.D	MDL @ 1 PPB	02/06/09 18:59
6M37664.D	MDL @ 1 PPB	02/06/09 19:15
6M37665.D	BLK	02/06/09 19:30
6M37666.D	MDL @ 4 PPB	02/06/09 19:46
6M37667.D	MDL @ 4 PPB	02/06/09 20:02
6M37668.D	MDL @ 4 PPB	02/06/09 20:18
6M37669.D	MDL @ 4 PPB	02/06/09 20:33
6M37670.D	MDL @ 4 PPB	02/06/09 20:49
6M37671.D	MDL @ 4 PPB	02/06/09 21:05
6M37672.D	MDL @ 4 PPB	02/06/09 21:21
6M37673.D	MDL @ 4 PPB	02/06/09 21:36
6M37674.D	MBS11196	02/06/09 21:52
6M37675.D	MBS11197	02/06/09 22:08
6M37676.D	MBS11198	02/06/09 22:24
6M37677.D	MBS11199	02/06/09 22:39
6M37678.D	MBS11200	02/06/09 22:55
6M37679.D	MBS11201	02/06/09 23:11
6M37680.D	MBS11202	02/06/09 23:26
6M37681.D	MBS11203	02/06/09 23:42
6M37682.D	BLK	02/06/09 23:58
6M37683.D	AC42545-003	02/07/09 00:13
6M37684.D	AC42545-005	02/07/09 00:29
6M37685.D	AC42535-001	02/07/09 00:45
6M37686.D	AC42535-002	02/07/09 01:00
6M37687.D	AC42542-004	02/07/09 01:16
6M37688.D	AC42542-005	02/07/09 01:32
6M37689.D	AC42548-004	02/07/09 01:47
6M37690.D	AC42549-004	02/07/09 02:03
6M37691.D	AC42549-005	02/07/09 02:19
6M37692.D	AC42542-001	02/07/09 02:35
6M37693.D	AC42542-002	02/07/09 02:50
6M37694.D	AC42542-003	02/07/09 03:06
6M37695.D	AC42545-008	02/07/09 03:22
6M37696.D	AC42548-001	02/07/09 03:38
6M37697.D	AC42548-002	02/07/09 03:54
6M37698.D	AC42548-003	02/07/09 04:09
6M37699.D	AC42549-002	02/07/09 04:25
6M37700.D	AC42549-003	02/07/09 04:41
6M37701.D	AC42549-001(10X)	02/07/09 04:59
6M37702.D	AC42535-003(50X)	02/07/09 05:20
6M37703.D	AC42535-004(50X)	02/07/09 05:41
6M37704.D	BLK	02/07/09 05:58
6M37705.D	BLK	02/07/09 06:14
6M37706.D	BLK	02/07/09 06:29

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-06-09\
Data File : 6M37639.D
Acq On : 6 Feb 2009 12:38
Operator : DB
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A1222.M
Title : @GCMS_6,ug,624,8260
Last Update : Tue Dec 30 14:38:10 2008



Spectrum Information: Average of 4.228 to 4.237 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.7	3439	PASS
75	95	30	60	43.5	6891	PASS
95	95	100	100	100.0	15850	PASS
96	95	5	9	6.8	1078	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	64.9	10283	PASS
175	174	5	9	6.9	706	PASS
176	174	95	101	95.1	9775	PASS
177	176	5	9	5.7	553	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 6
Data File: 6M38276.D
Analysis Date: 02/20/09 06:05
Method: EPA 624

Tune Scan/Time Range: Average of 4.264 to 4.274 min

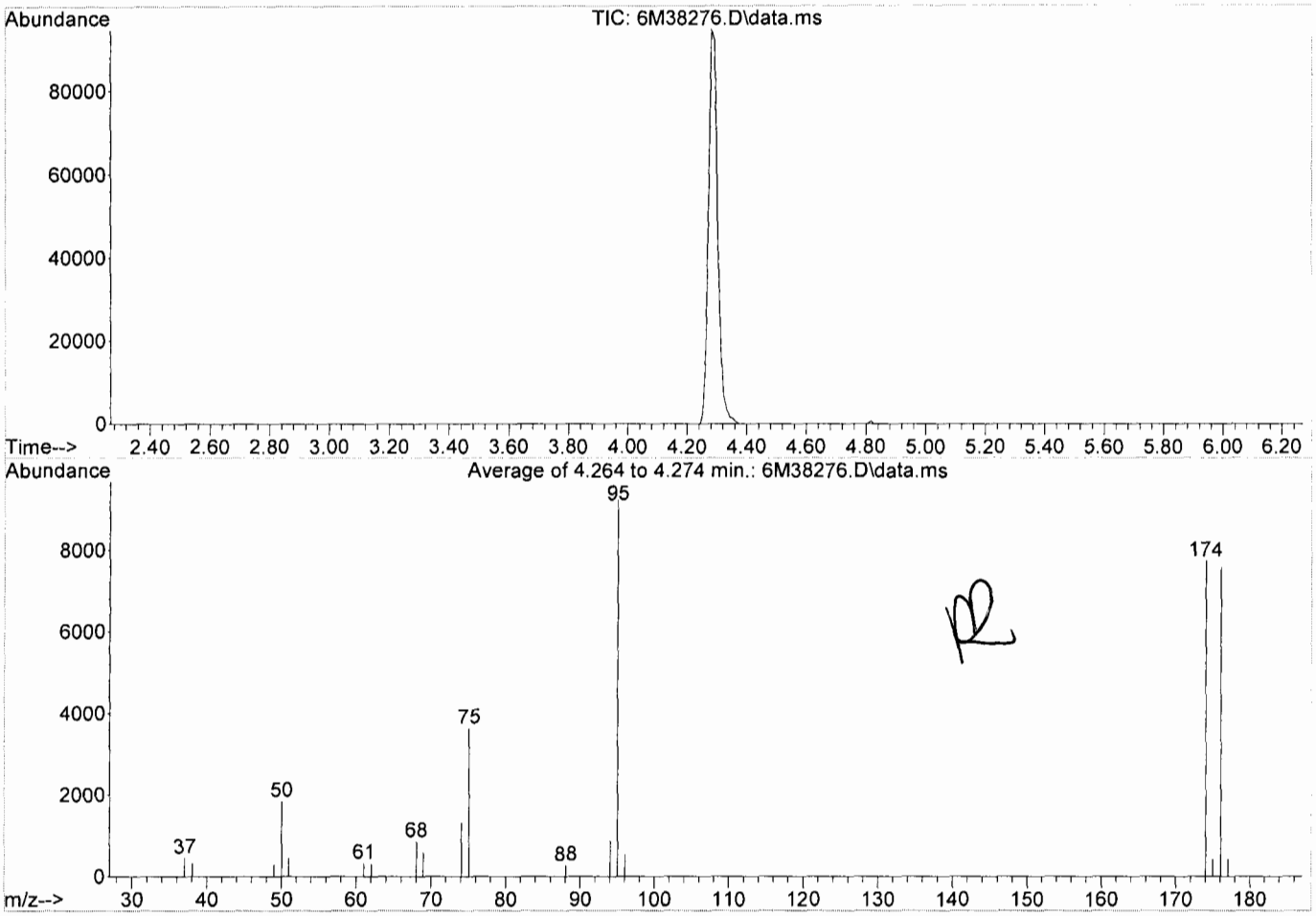
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.0	1846	PASS
75	95	30	60	39.4	3632	PASS
95	95	100	100	100.0	9225	PASS
96	95	5	9	5.8	533	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	83.9	7739	PASS
175	174	5	9	5.5	429	PASS
176	174	95	101	98.0	7581	PASS
177	176	5	9	5.7	435	PASS

Data File	Sample Number	Analysis Date:
6M38277.D	20 PPB	02/20/09 06:29
6M38278.D	CAL @ 20 PPB	02/20/09 06:50
6M38279.D	BLK	02/20/09 07:12
6M38280.D	DAILY BLANK	02/20/09 07:27
6M38281.D	DAILY BLANK	02/20/09 07:43
6M38282.D	MBS11346	02/20/09 08:05
6M38283.D	MBS11348	02/20/09 08:21
6M38284.D	BLKJUG#2	02/20/09 08:36
6M38285.D	AC42798-011(10X)	02/20/09 08:55
6M38286.D	AC42798-009(100	02/20/09 09:18
6M38287.D	BLK	02/20/09 09:35
6M38288.D	AC42639-005	02/20/09 09:51
6M38289.D	AC42639-007	02/20/09 10:07
6M38290.D	AC42645-010	02/20/09 10:23
6M38291.D	AC42645-013	02/20/09 10:38
6M38292.D	AC42652-005	02/20/09 10:54
6M38293.D	AC42703-001	02/20/09 11:10
6M38294.D	AC42704-001	02/20/09 11:26
6M38295.D	BLKJG#2	02/20/09 11:42
6M38296.D	AC42731-002	02/20/09 11:57
6M38297.D	BLKHCL	02/20/09 12:13
6M38298.D	AC42798-010	02/20/09 12:29
6M38299.D	AC42731-007	02/20/09 12:45
6M38300.D	AC42731-006	02/20/09 13:00
6M38301.D	AC42731-003(80uL	02/20/09 13:16
6M38302.D	AC42731-001	02/20/09 13:32
6M38303.D	AC42731-004	02/20/09 13:48
6M38304.D	AC42731-005	02/20/09 14:03
6M38305.D	BLK	02/20/09 14:19
6M38306.D	AC42811-001	02/20/09 14:35
6M38307.D	AC42821-001(10X)	02/20/09 14:54
6M38308.D	AC42817-001(10X)	02/20/09 15:14
6M38309.D	BLK	02/20/09 15:31
6M38310.D	AC42704-009	02/20/09 15:47
6M38311.D	AC42811-001	02/20/09 16:03
6M38312.D	AC42821-001	02/20/09 16:19
6M38313.D	BLKHCL	02/20/09 16:35
6M38314.D	BLKJUG2	02/20/09 16:51
6M38315.D	MBS11355	02/20/09 17:06
6M38316.D	BLKJUG1	02/20/09 17:22
6M38317.D	AC42831-005	02/20/09 17:38
6M38318.D	AC42831-004	02/20/09 17:53
6M38319.D	AC42831-003	02/20/09 18:09
6M38320.D	AC42831-002	02/20/09 18:25
6M38321.D	AC42831-001	02/20/09 18:40
6M38322.D	MBS11360	02/20/09 18:56
6M38323.D	AC42811-001(MS)	02/20/09 19:12
6M38324.D	AC42811-001(MSD	02/20/09 19:28
6M38325.D	BLK	02/20/09 19:43
6M38326.D	BLK	02/20/09 19:59
6M38327.D	BLK	02/20/09 20:15
6M38328.D	BLK	02/20/09 20:30

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-20-09\
Data File : 6M38276.D
Acq On : 20 Feb 2009 6:05
Operator : SG
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260
Last Update : Fri Feb 06 14:56:57 2009



Spectrum Information: Average of 4.264 to 4.274 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	1846	PASS
75	95	30	60	39.4	3632	PASS
95	95	100	100	100.0	9225	PASS
96	95	5	9	5.8	533	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	83.9	7739	PASS
175	174	5	9	5.5	429	PASS
176	174	95	101	98.0	7581	PASS
177	176	5	9	5.7	435	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 6M38330.D
Instrument: GCMS 6 **Analysis Date:** 02/23/09 06:48
Method: EPA 624

Tune Scan/Time Range: Average of 4.222 to 4.242 min

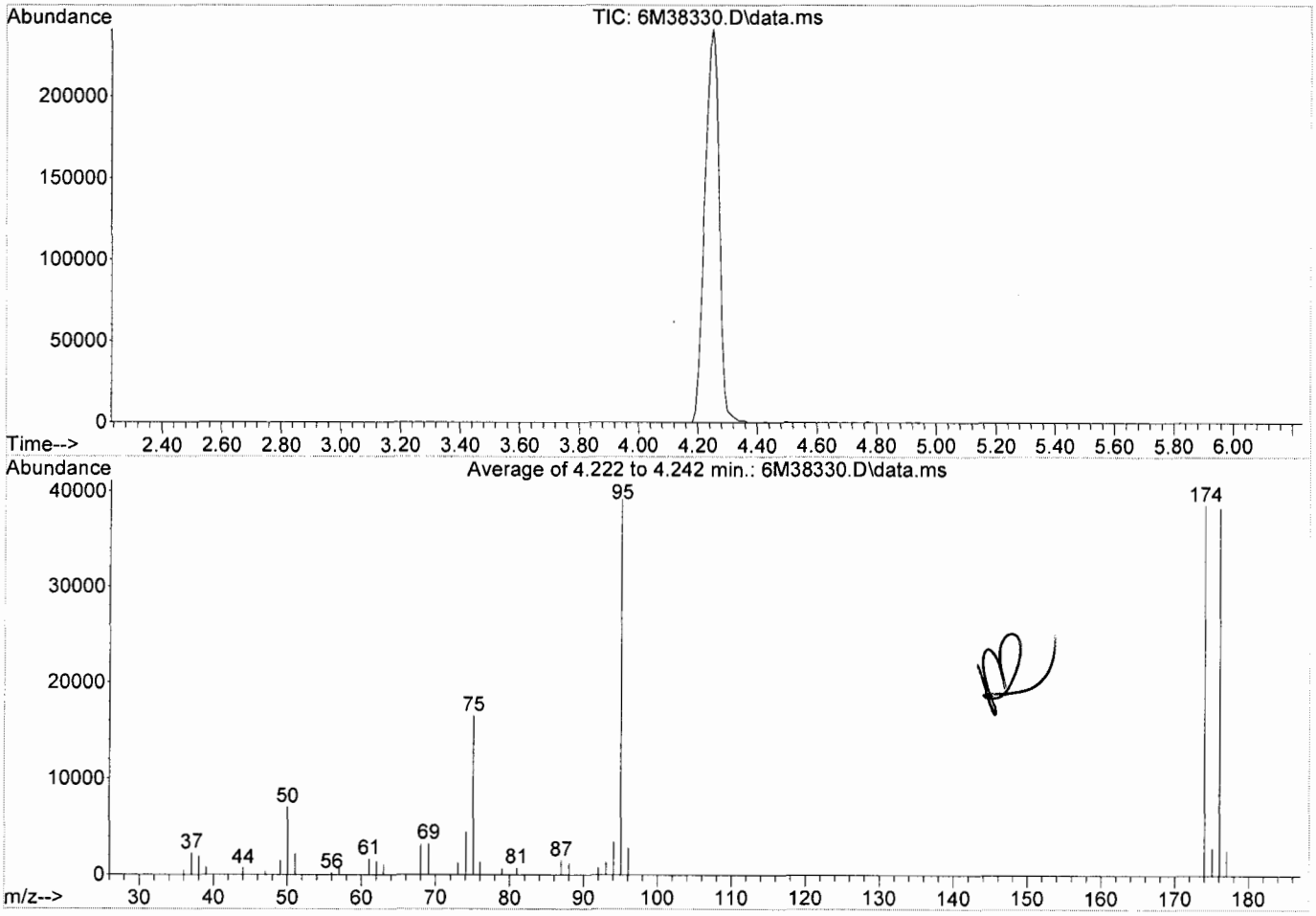
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	17.9	7003	PASS
75	95	30	60	42.2	16534	PASS
95	95	100	100	100.0	39160	PASS
96	95	5	9	7.2	2820	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.6	38597	PASS
175	174	5	9	7.4	2852	PASS
176	174	95	101	99.3	38320	PASS
177	176	5	9	6.8	2588	PASS

Data File	Sample Number	Analysis Date:
6M38331.D	CAL @ 20 PPB	02/23/09 06:58
6M38332.D	BLKJUG3	02/23/09 07:22
6M38333.D	DAILY BLANK	02/23/09 07:40
6M38334.D	DAILY BLANK	02/23/09 07:56
6M38335.D	MBS11362	02/23/09 08:12
6M38336.D	AC42704-004	02/23/09 08:28
6M38337.D	AC42704-002	02/23/09 08:44
6M38338.D	AC42704-008	02/23/09 09:00
6M38339.D	MBS11363	02/23/09 09:16
6M38340.D	AC42680-001(T)	02/23/09 09:32
6M38341.D	AC42724-001(T)	02/23/09 09:47
6M38342.D	EF-1-V-60223(022	02/23/09 10:03
6M38343.D	BLKJUG	02/23/09 10:21
6M38344.D	AC42645-013	02/23/09 10:36
6M38345.D	AC42731-001	02/23/09 10:52
6M38346.D	BLKJUG#2	02/23/09 11:08
6M38347.D	AC42817-001(2X)	02/23/09 11:24
6M38348.D	BLK	02/23/09 11:40
6M38349.D	AC42798-006	02/23/09 11:56
6M38350.D	AC42798-005(80uL	02/23/09 12:12
6M38351.D	AC42798-003(40uL	02/23/09 12:28
6M38352.D	AC42680-001(T:M	02/23/09 12:43
6M38353.D	AC42680-001(T:M	02/23/09 12:59
6M38354.D	BLK	02/23/09 13:15
6M38355.D	BLK	02/23/09 13:31
6M38356.D	BLK	02/23/09 13:46
6M38357.D	MBS11368	02/23/09 14:02
6M38358.D	BLK	02/23/09 14:18
6M38359.D	AC42645-013	02/23/09 14:34
6M38360.D	AC42849-005	02/23/09 14:49
6M38361.D	AC42849-006	02/23/09 15:05
6M38362.D	AC42863-007	02/23/09 15:21
6M38363.D	AC42849-001	02/23/09 15:37
6M38364.D	AC42849-002	02/23/09 15:52
6M38365.D	AC42849-003	02/23/09 16:08
6M38366.D	AC42849-004	02/23/09 16:24
6M38367.D	AC42731-006	02/23/09 16:40
6M38368.D	AC42831-003(MS)	02/23/09 16:55
6M38369.D	AC42831-003(MSD	02/23/09 17:11
6M38370.D	BLK	02/23/09 17:27
6M38371.D	AC42857-002	02/23/09 17:43
6M38372.D	AC42850-004	02/23/09 17:58
6M38373.D	AC42850-005	02/23/09 18:14
6M38374.D	AC42851-009	02/23/09 18:30
6M38375.D	AC42850-001	02/23/09 18:45
6M38376.D	AC42850-002	02/23/09 19:01
6M38377.D	AC42850-003	02/23/09 19:17
6M38378.D	AC42857-003	02/23/09 19:33
6M38379.D	AC42857-004	02/23/09 19:48
6M38380.D	AC42857-005	02/23/09 20:04
6M38381.D	AC42857-006	02/23/09 20:20
6M38382.D	AC42857-007	02/23/09 20:35
6M38383.D	MBS11371	02/23/09 20:51
6M38384.D	BLK	02/23/09 21:07
6M38385.D	AC42857-001	02/23/09 21:23
6M38386.D	BLK	02/23/09 21:39
6M38387.D	BLK	02/23/09 21:54
6M38388.D	BLK	02/23/09 22:10
6M38389.D	BLK	02/23/09 22:26
6M38390.D	BLK	02/23/09 22:42
6M38391.D	BLK	02/23/09 22:57
6M38392.D	BLK	02/23/09 23:13

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-23-09\
Data File : 6M38330.D
Acq On : 23 Feb 2009 6:48
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260
Last Update : Fri Feb 06 14:56:57 2009



Spectrum Information: Average of 4.222 to 4.242 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.9	7003	PASS
75	95	30	60	42.2	16534	PASS
95	95	100	100	100.0	39160	PASS
96	95	5	9	7.2	2820	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.6	38597	PASS
175	174	5	9	7.4	2852	PASS
176	174	95	101	99.3	38320	PASS
177	176	5	9	6.8	2588	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 6M38394.D
Instrument: GCMS 6 **Analysis Date:** 02/24/09 06:37
Method: EPA 624
Tune Scan/Time Range: Average of 4.180 to 4.200 min

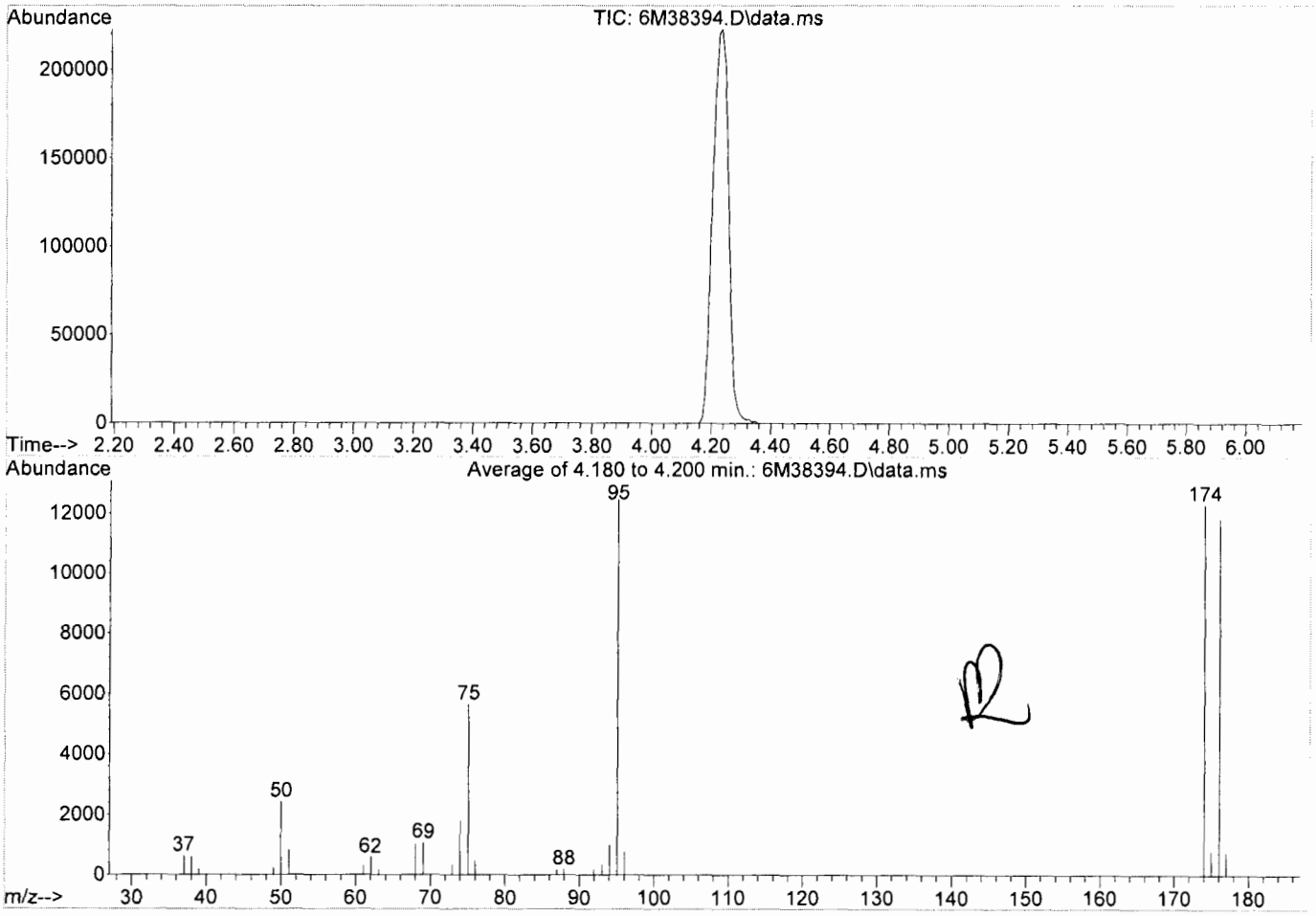
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	19.5	2426	PASS
75	95	30	60	45.4	5659	PASS
95	95	100	100	100.0	12465	PASS
96	95	5	9	6.2	770	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.8	12312	PASS
175	174	5	9	6.5	806	PASS
176	174	95	101	96.1	11837	PASS
177	176	5	9	6.5	770	PASS

Data File	Sample Number	Analysis Date:
6M38395.D	20 PPB	02/24/09 06:49
6M38396.D	CAL @ 20 PPB	02/24/09 07:20
6M38397.D	BLK	02/24/09 07:47
6M38398.D	DAILY BLANK	02/24/09 08:03
6M38399.D	BLKHCL	02/24/09 08:19
6M38400.D	AC42879-001(20uL	02/24/09 08:41
6M38401.D	MBS11374	02/24/09 08:56
6M38402.D	AC42879-001(400u	02/24/09 09:12
6M38403.D	MBS11375	02/24/09 09:28
6M38404.D	BLKJUG1	02/24/09 09:44
6M38405.D	DAILY BLANK	02/24/09 10:00
6M38406.D	BLKHCL	02/24/09 10:17
6M38407.D	AC42868-012	02/24/09 10:34
6M38408.D	AC42868-014	02/24/09 10:50
6M38409.D	AC42866-013	02/24/09 11:06
6M38410.D	AC42833-006(T)	02/24/09 11:22
6M38411.D	AC42802-001(T)	02/24/09 11:37
6M38412.D	EF-1-V-61190(022	02/24/09 11:53
6M38413.D	MBS11379	02/24/09 12:09
6M38414.D	BLK	02/24/09 12:25
6M38415.D	AC42869-001	02/24/09 12:41
6M38416.D	AC42869-002(100	02/24/09 12:59
6M38417.D	AC42869-003(100	02/24/09 13:20
6M38418.D	AC42869-004(100	02/24/09 13:40
6M38419.D	AC42868-006	02/24/09 13:58
6M38420.D	AC42868-008	02/24/09 14:13
6M38421.D	AC42868-009	02/24/09 14:29
6M38422.D	AC42873-001	02/24/09 14:45
6M38423.D	AC42873-002	02/24/09 15:01
6M38424.D	MBS11381	02/24/09 15:16
6M38425.D	AC42833-006(T:M	02/24/09 15:32
6M38426.D	AC42833-006(T:M	02/24/09 15:48
6M38427.D	BLK	02/24/09 16:04
6M38428.D	AC42869-002(10X)	02/24/09 16:22
6M38429.D	BLK	02/24/09 16:40
6M38430.D	AC42868-006	02/24/09 16:55
6M38431.D	AC42841-001	02/24/09 17:11
6M38432.D	AC42855-001	02/24/09 17:27
6M38433.D	BLK	02/24/09 17:43
6M38434.D	BLK	02/24/09 17:58
6M38435.D	BLK	02/24/09 18:14
6M38436.D	BLK	02/24/09 18:30
6M38437.D	BLK	02/24/09 18:46
6M38438.D	BLK	02/24/09 19:01
6M38439.D	BLK	02/24/09 19:17
6M38440.D	BLK	02/24/09 19:32

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38394.D
Acq On : 24 Feb 2009 6:37
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260
Last Update : Fri Feb 06 14:56:57 2009



Spectrum Information: Average of 4.180 to 4.200 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.5	2426	PASS
75	95	30	60	45.4	5659	PASS
95	95	100	100	100.0	12465	PASS
96	95	5	9	6.2	770	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.8	12312	PASS
175	174	5	9	6.5	806	PASS
176	174	95	101	96.1	11837	PASS
177	176	5	9	6.5	770	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 1M42010.D
Instrument: GCMS 1 **Analysis Date:** 02/23/09 07:55
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.511 to 4.541 min

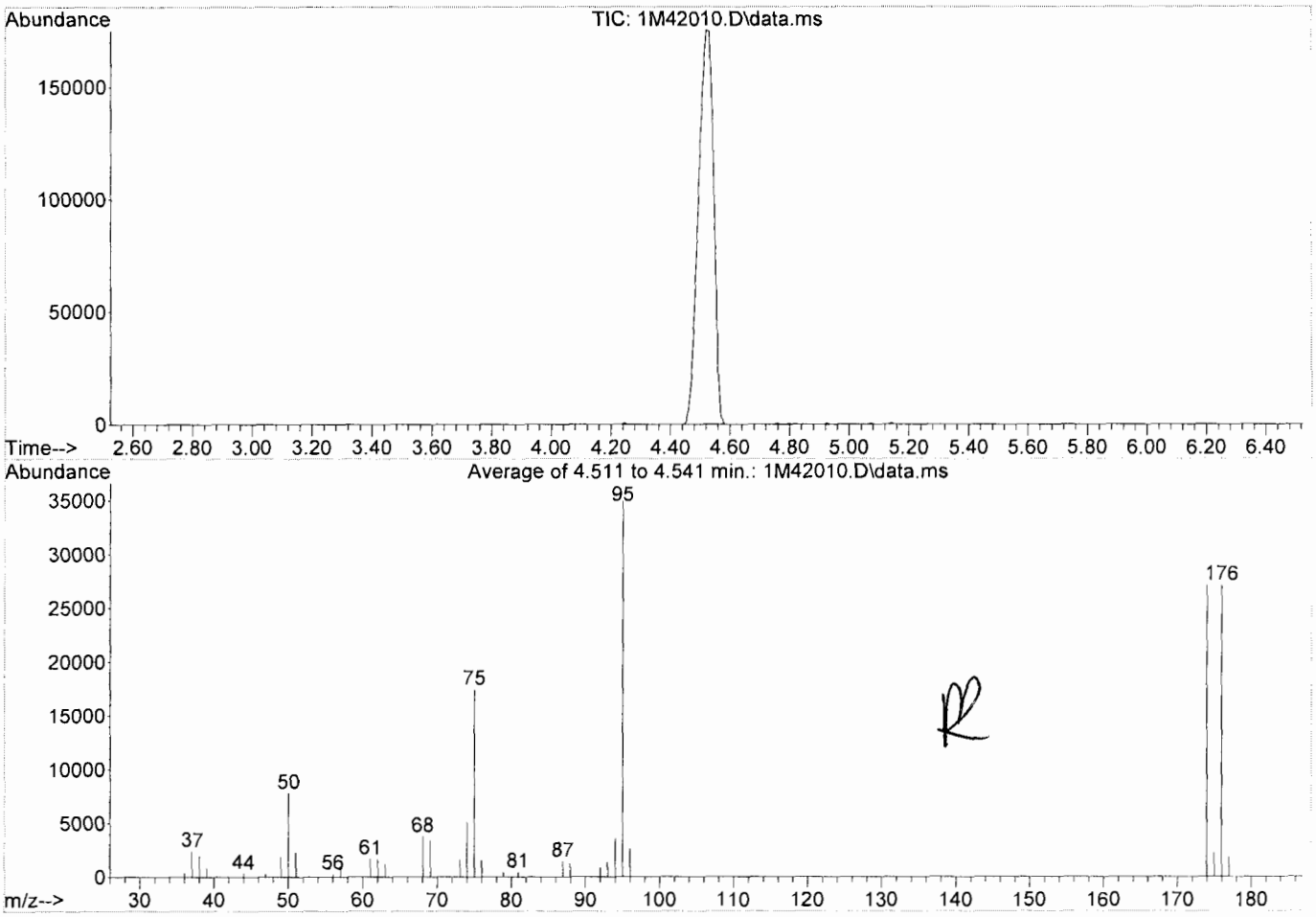
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.4	7810	PASS
75	95	30	60	50.0	17437	PASS
95	95	100	100	100.0	34906	PASS
96	95	5	9	7.6	2639	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	77.5	27046	PASS
175	174	5	9	8.3	2232	PASS
176	174	95	101	100.2	27092	PASS
177	176	5	9	6.7	1818	PASS

Data File	Sample Number	Analysis Date:
1M42011.D	CAL @ 50 PPB	02/23/09 08:31
1M42013.D	50 PPB	02/23/09 09:15
1M42014.D	CAL @ 50 PPB	02/23/09 09:43
1M42016.D	CAL @ 500 PPB	02/23/09 10:17
1M42017.D	CAL @ 250 PPB	02/23/09 10:34
1M42018.D	CAL @ 100 PPB	02/23/09 10:51
1M42019.D	CAL @ 20 PPB	02/23/09 11:08
1M42020.D	CAL @ 10 PPB	02/23/09 11:25
1M42021.D	CAL @ 5 PPB	02/23/09 11:42
1M42022.D	CAL @ 1 PPB	02/23/09 11:59
1M42023.D	ICV	02/23/09 12:16
1M42024.D	BLK	02/23/09 12:37
1M42025.D	DAILY BLANK	02/23/09 12:54
1M42026.D	BLK	02/23/09 13:06
1M42027.D	MBS11367	02/23/09 13:16
1M42028.D	BLK	02/23/09 13:36
1M42029.D	AC42731-002	02/23/09 13:53
1M42030.D	AC42731-004	02/23/09 14:10
1M42031.D	AC42731-007	02/23/09 14:27
1M42032.D	AC42731-006	02/23/09 14:45
1M42033.D	MBS11369	02/23/09 15:02
1M42034.D	AC42725-008	02/23/09 15:19
1M42035.D	AC42772-003	02/23/09 15:36
1M42036.D	AC42704-001	02/23/09 15:53
1M42037.D	AC42725-009	02/23/09 16:10
1M42038.D	AC42771-001	02/23/09 16:26
1M42039.D	AC42771-002	02/23/09 16:43
1M42040.D	AC42771-003	02/23/09 17:00
1M42041.D	AC42771-004	02/23/09 17:18
1M42042.D	AC42772-001	02/23/09 17:35
1M42043.D	AC42772-002	02/23/09 17:52
1M42044.D	AC42725-007	02/23/09 18:08
1M42045.D	AC42725-013	02/23/09 18:25
1M42046.D	AC42725-014	02/23/09 18:42
1M42047.D	AC42781-001	02/23/09 18:59
1M42048.D	AC42792-001	02/23/09 19:16
1M42049.D	AC42792-002	02/23/09 19:33
1M42050.D	AC42767-001(5X)	02/23/09 19:50
1M42051.D	MBS11370	02/23/09 20:07
1M42052.D	AC42772-003(MS)	02/23/09 20:24
1M42053.D	AC42772-003(MSD	02/23/09 20:41
1M42054.D	BLK	02/23/09 20:58
1M42055.D	BLK	02/23/09 21:15
1M42056.D	BLK	02/23/09 21:32
1M42057.D	BLK	02/23/09 21:49
1M42058.D	BLK	02/23/09 22:06
1M42059.D	BLK	02/23/09 22:23
1M42060.D	BLK	02/23/09 22:40

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-23-09\
Data File : 1M42010.D
Acq On : 23 Feb 2009 7:55
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 3 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0205.M
Title : @GCMS_1,ug,624,8260
Last Update : Thu Feb 05 11:24:17 2009



Spectrum Information: Average of 4.511 to 4.541 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.4	7810	PASS
75	95	30	60	50.0	17437	PASS
95	95	100	100	100.0	34906	PASS
96	95	5	9	7.6	2639	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	77.5	27046	PASS
175	174	5	9	8.3	2232	PASS
176	174	95	101	100.2	27092	PASS
177	176	5	9	6.7	1818	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M42123.D
Analysis Date: 02/25/09 08:22
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.470 to 4.539 min

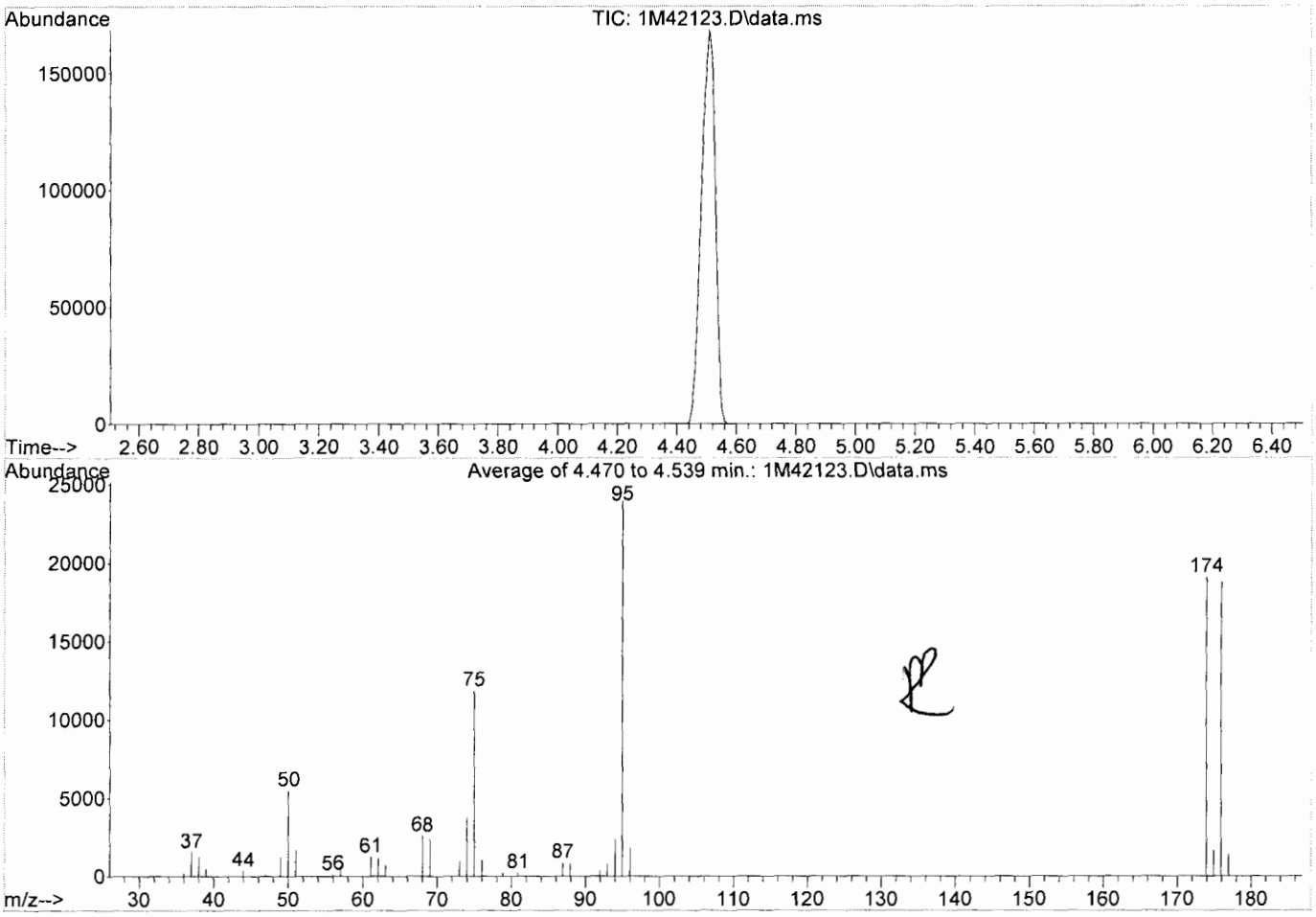
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.9	5490	PASS
75	95	30	60	49.5	11862	PASS
95	95	100	100	100.0	23946	PASS
96	95	5	9	7.4	1778	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.7	19092	PASS
175	174	5	9	8.7	1656	PASS
176	174	95	101	98.2	18758	PASS
177	176	5	9	7.4	1391	PASS

Data File	Sample Number	Analysis Date:
1M42124.D	CAL @ 50 PPB	02/25/09 08:31
1M42125.D	BLK	02/25/09 09:02
1M42126.D	DAILY BLANK	02/25/09 09:19
1M42127.D	AC42798-007	02/25/09 09:43
1M42128.D	AC42798-002	02/25/09 10:00
1M42129.D	AC42798-004(5X)	02/25/09 10:17
1M42130.D	MBS11391	02/25/09 10:34
1M42131.D	AC42725-006	02/25/09 10:51
1M42132.D	AC42823-001	02/25/09 11:31
1M42133.D	AC42823-002	02/25/09 11:48
1M42134.D	AC42823-003	02/25/09 12:05
1M42135.D	AC42823-004	02/25/09 12:22
1M42136.D	AC42823-005	02/25/09 12:39
1M42137.D	AC42823-006	02/25/09 12:56
1M42138.D	AC42823-007	02/25/09 13:13
1M42139.D	AC42823-008	02/25/09 13:30
1M42140.D	AC42841-002	02/25/09 13:47
1M42141.D	AC42860-002	02/25/09 14:04
1M42142.D	AC42860-004	02/25/09 14:21
1M42143.D	AC42860-006	02/25/09 14:38
1M42144.D	AC42859-006	02/25/09 14:55
1M42145.D	AC42859-004	02/25/09 15:12
1M42146.D	AC42859-002	02/25/09 15:29
1M42147.D	AC42861-001	02/25/09 15:46
1M42148.D	AC42868-001(MS)	02/25/09 16:03
1M42149.D	AC42868-001(MSD	02/25/09 16:20
1M42150.D	BLK	02/25/09 16:37
1M42151.D	BLK	02/25/09 16:54
1M42152.D	AC42820-006	02/25/09 17:11
1M42153.D	AC42820-009	02/25/09 17:28
1M42154.D	AC42868-001	02/25/09 17:45
1M42155.D	AC42725-012	02/25/09 18:02
1M42156.D	MBS11395	02/25/09 18:19
1M42157.D	AC42868-002(MS)	02/25/09 18:36
1M42158.D	AC42868-002(MSD	02/25/09 18:53
1M42159.D	BLK	02/25/09 19:10
1M42160.D	AC42868-002	02/25/09 19:27
1M42161.D	AC42868-003	02/25/09 19:44
1M42162.D	AC42868-004	02/25/09 20:01
1M42163.D	AC42868-005	02/25/09 20:18
1M42164.D	AC42880-001	02/25/09 20:34
1M42165.D	MBS11396	02/25/09 20:51
1M42166.D	BLK	02/25/09 21:08
1M42167.D	BLK	02/25/09 21:25
1M42168.D	BLK	02/25/09 21:42
1M42169.D	BLK	02/25/09 21:59
1M42170.D	BLK	02/25/09 22:16
1M42171.D	BLK	02/25/09 22:33
1M42172.D	BLK	02/25/09 22:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42123.D
Acq On : 25 Feb 2009 8:22
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260
Last Update : Thu Feb 26 11:56:58 2009



Spectrum Information: Average of 4.470 to 4.539 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.9	5490	PASS
75	95	30	60	49.5	11862	PASS
95	95	100	100	100.0	23946	PASS
96	95	5	9	7.4	1778	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.7	19092	PASS
175	174	5	9	8.7	1656	PASS
176	174	95	101	98.2	18758	PASS
177	176	5	9	7.4	1391	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 1M42178.D
Instrument: GCMS 1 **Analysis Date:** 02/26/09 07:57
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.493 to 4.552 min

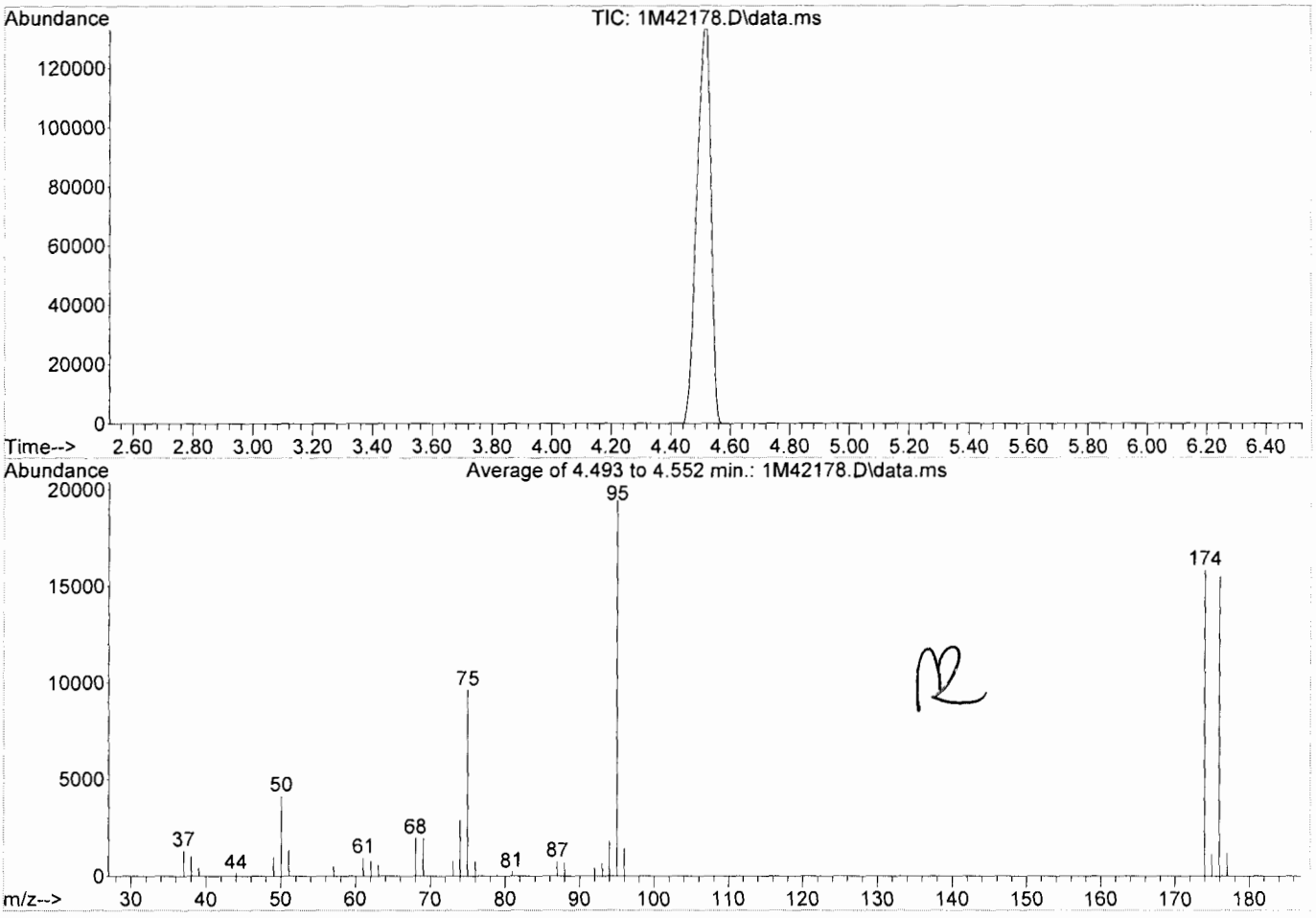
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	21.4	4149	PASS
75	95	30	60	49.6	9638	PASS
95	95	100	100	100.0	19418	PASS
96	95	5	9	7.5	1457	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.5	15828	PASS
175	174	5	9	7.2	1143	PASS
176	174	95	101	97.8	15482	PASS
177	176	5	9	7.6	1181	PASS

Data File	Sample Number	Analysis Date:
1M42179.D	CAL @ 50 PPB	02/26/09 08:07
1M42180.D	BLK	02/26/09 08:26
1M42181.D	DAILY BLANK	02/26/09 08:43
1M42182.D	BLK	02/26/09 09:00
1M42183.D	MBS11399	02/26/09 09:17
1M42184.D	BLK	02/26/09 09:38
1M42185.D	AC42823-002	02/26/09 09:55
1M42186.D	AC42823-005	02/26/09 10:12
1M42187.D	AC42845-001	02/26/09 10:29
1M42188.D	AC42845-002	02/26/09 10:46
1M42189.D	AC42845-003	02/26/09 11:03
1M42190.D	AC42845-004	02/26/09 11:20
1M42191.D	AC42866-001	02/26/09 11:37
1M42192.D	AC42866-002	02/26/09 11:54
1M42193.D	AC42866-003	02/26/09 12:11
1M42194.D	AC42866-004	02/26/09 12:28
1M42195.D	AC42866-005	02/26/09 12:45
1M42196.D	AC42866-006	02/26/09 13:02
1M42197.D	AC42866-007	02/26/09 13:19
1M42198.D	AC42866-008	02/26/09 13:36
1M42199.D	AC42866-009	02/26/09 13:53
1M42200.D	AC42866-010	02/26/09 14:10
1M42201.D	AC42866-011	02/26/09 14:27
1M42202.D	AC42866-012	02/26/09 14:44
1M42203.D	AC42798-004	02/26/09 15:01
1M42204.D	AC42845-001(MS)	02/26/09 15:18
1M42205.D	AC42845-001(MSD	02/26/09 15:35
1M42206.D	AC42880-001	02/26/09 15:52
1M42207.D	BLK	02/26/09 16:09
1M42208.D	AC42868-001	02/26/09 16:26
1M42209.D	AC42820-007	02/26/09 16:43
1M42210.D	AC42820-008	02/26/09 17:00
1M42211.D	MBS11402	02/26/09 17:17
1M42212.D	AC42845-002(MS)	02/26/09 17:34
1M42213.D	AC42845-002(MSD	02/26/09 17:51
1M42214.D	AC42789-001	02/26/09 18:08
1M42215.D	AC42788-004	02/26/09 18:25
1M42216.D	AC42788-005	02/26/09 18:42
1M42217.D	AC42788-006	02/26/09 18:59
1M42218.D	AC42788-007	02/26/09 19:16
1M42219.D	AC42788-011	02/26/09 19:33
1M42220.D	AC42808-001	02/26/09 19:50
1M42221.D	BLK	02/26/09 20:07
1M42222.D	BLK	02/26/09 20:24
1M42223.D	BLK	02/26/09 20:41
1M42224.D	BLK	02/26/09 20:58
1M42225.D	BLK	02/26/09 21:15
1M42226.D	BLK	02/26/09 21:31
1M42227.D	BLK	02/26/09 21:48
1M42228.D	BLK	02/26/09 22:05

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42178.D
Acq On : 26 Feb 2009 7:57
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260
Last Update : Thu Feb 26 11:56:58 2009



Spectrum Information: Average of 4.493 to 4.552 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.4	4149	PASS
75	95	30	60	49.6	9638	PASS
95	95	100	100	100.0	19418	PASS
96	95	5	9	7.5	1457	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.5	15828	PASS
175	174	5	9	7.2	1143	PASS
176	174	95	101	97.8	15482	PASS
177	176	5	9	7.6	1181	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 1M42230.D
Instrument: GCMS 1 **Analysis Date:** 02/27/09 06:27
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.525 to 4.555 min

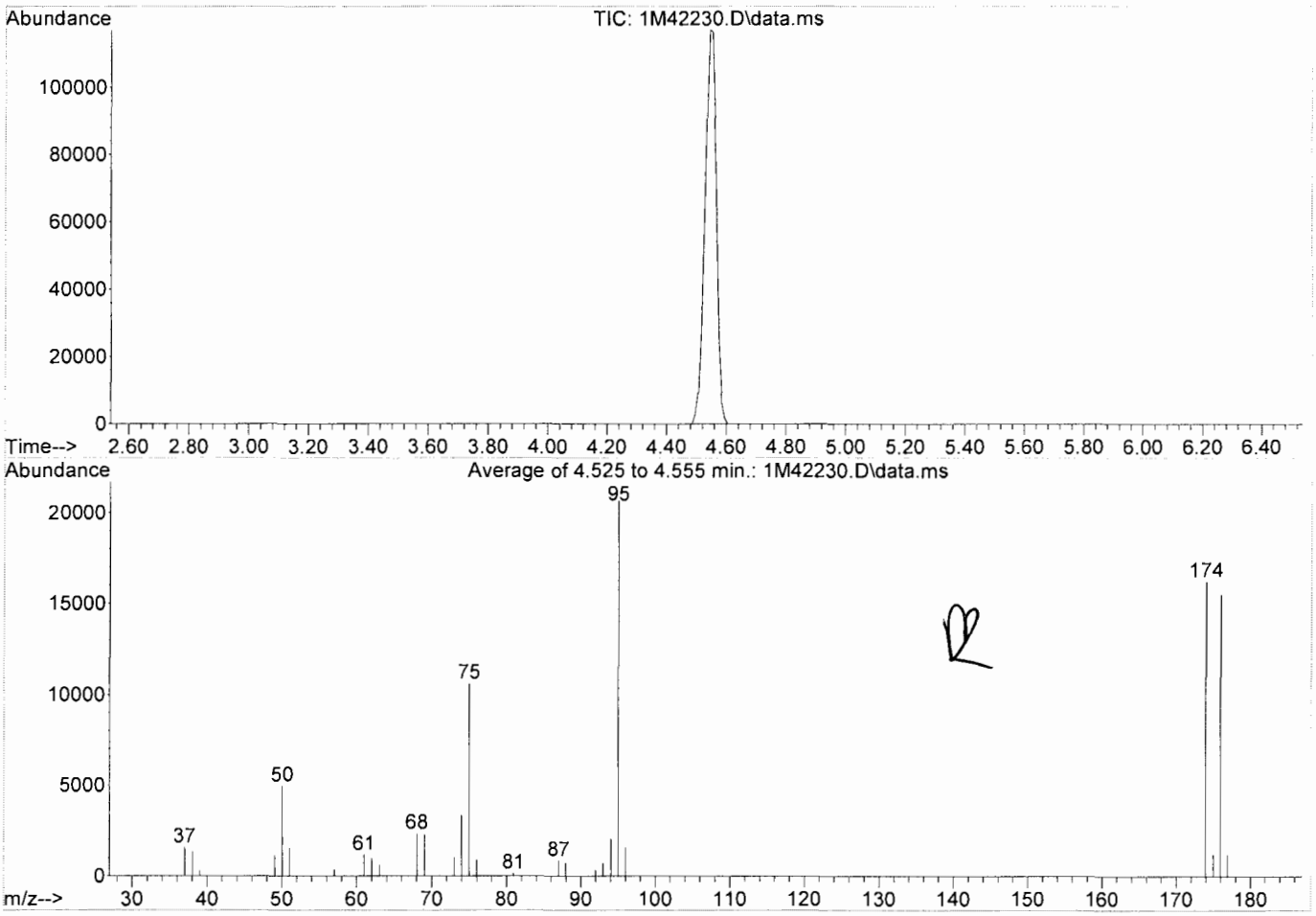
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.0	4965	PASS
75	95	30	60	51.4	10609	PASS
95	95	100	100	100.0	20660	PASS
96	95	5	9	7.6	1574	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.5	16225	PASS
175	174	5	9	7.6	1234	PASS
176	174	95	101	95.6	15510	PASS
177	176	5	9	8.0	1233	PASS

Data File	Sample Number	Analysis Date:
1M42231.D	CAL @ 50 PPB	02/27/09 06:43
1M42232.D	BLK	02/27/09 07:05
1M42233.D	DAILY BLANK	02/27/09 07:22
1M42234.D	MBS11407	02/27/09 07:41
1M42235.D	BLKTEST	02/27/09 07:58
1M42236.D	AC42959-003	02/27/09 08:15
1M42237.D	AC42959-004	02/27/09 08:32
1M42238.D	AC42863-001	02/27/09 08:49
1M42239.D	AC42863-002	02/27/09 09:06
1M42240.D	AC42863-003	02/27/09 09:23
1M42241.D	AC42863-004	02/27/09 09:40
1M42242.D	AC42863-005	02/27/09 09:57
1M42243.D	AC42863-006	02/27/09 10:14
1M42244.D	AC42953-002(5X)	02/27/09 10:31
1M42245.D	MBS11410	02/27/09 10:48
1M42246.D	AC42789-001(MS)	02/27/09 11:05
1M42247.D	AC42789-001(MSD	02/27/09 11:22
1M42248.D	BLK	02/27/09 11:39
1M42249.D	AC42918-007	02/27/09 11:56
1M42250.D	AC42951-001	02/27/09 12:14
1M42251.D	MBS11413	02/27/09 12:30
1M42252.D	BLK	02/27/09 12:47
1M42253.D	AC42863-006	02/27/09 13:04
1M42254.D	AC42866-012	02/27/09 13:21
1M42255.D	AC42875-001	02/27/09 13:38
1M42256.D	AC42951-001	02/27/09 13:55
1M42257.D	AC42868-005(MS)	02/27/09 14:12
1M42258.D	AC42875-001	02/27/09 14:30
1M42259.D	AC42868-005(MSD	02/27/09 14:47
1M42260.D	BLK	02/27/09 15:04
1M42261.D	BLK	02/27/09 15:21
1M42262.D	AC42990-002	02/27/09 15:38
1M42263.D	MBS11416	02/27/09 15:55
1M42264.D	BLK	02/27/09 16:12
1M42265.D	AC42916-001	02/27/09 16:29
1M42266.D	AC42916-002	02/27/09 16:46
1M42267.D	AC42916-008	02/27/09 17:03
1M42268.D	AC42916-014	02/27/09 17:20
1M42269.D	AC42916-015	02/27/09 17:37
1M42271.D	AC42880-001(MS)	02/27/09 17:54
1M42272.D	AC42880-001(MSD	02/27/09 18:11
1M42273.D	MBS11418	02/27/09 18:28
1M42274.D	BLK	02/27/09 18:45
1M42275.D	BLK	02/27/09 19:02
1M42276.D	BLK	02/27/09 19:19
1M42277.D	BLK	02/27/09 19:36
1M42278.D	BLK	02/27/09 19:53
1M42279.D	BLK	02/27/09 20:10
1M42280.D	BLK	02/27/09 20:27
1M42281.D	BLK	02/27/09 20:43
1M42282.D	BLK	02/27/09 21:00

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-27-09\
Data File : 1M42230.D
Acq On : 27 Feb 2009 6:27
Operator : SG
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260
Last Update : Thu Feb 26 11:56:58 2009



Spectrum Information: Average of 4.525 to 4.555 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.0	4965	PASS
75	95	30	60	51.4	10609	PASS
95	95	100	100	100.0	20660	PASS
96	95	5	9	7.6	1574	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.5	16225	PASS
175	174	5	9	7.6	1234	PASS
176	174	95	101	95.6	15510	PASS
177	176	5	9	8.0	1233	PASS

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 6M38405.D
Analysis Date: 02/24/09 10:00
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	25	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U				

Worksheet #: 109905

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 6M38405.D
Analysis Date: 02/24/09 10:00
Date Rec/Extracted:

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109905

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK
Data File: 6M38405.D
Acq On : 02/24/09 10:00

Operator : WP
Sam Mult : 1 Vial# : 12
Misc : A,5ML

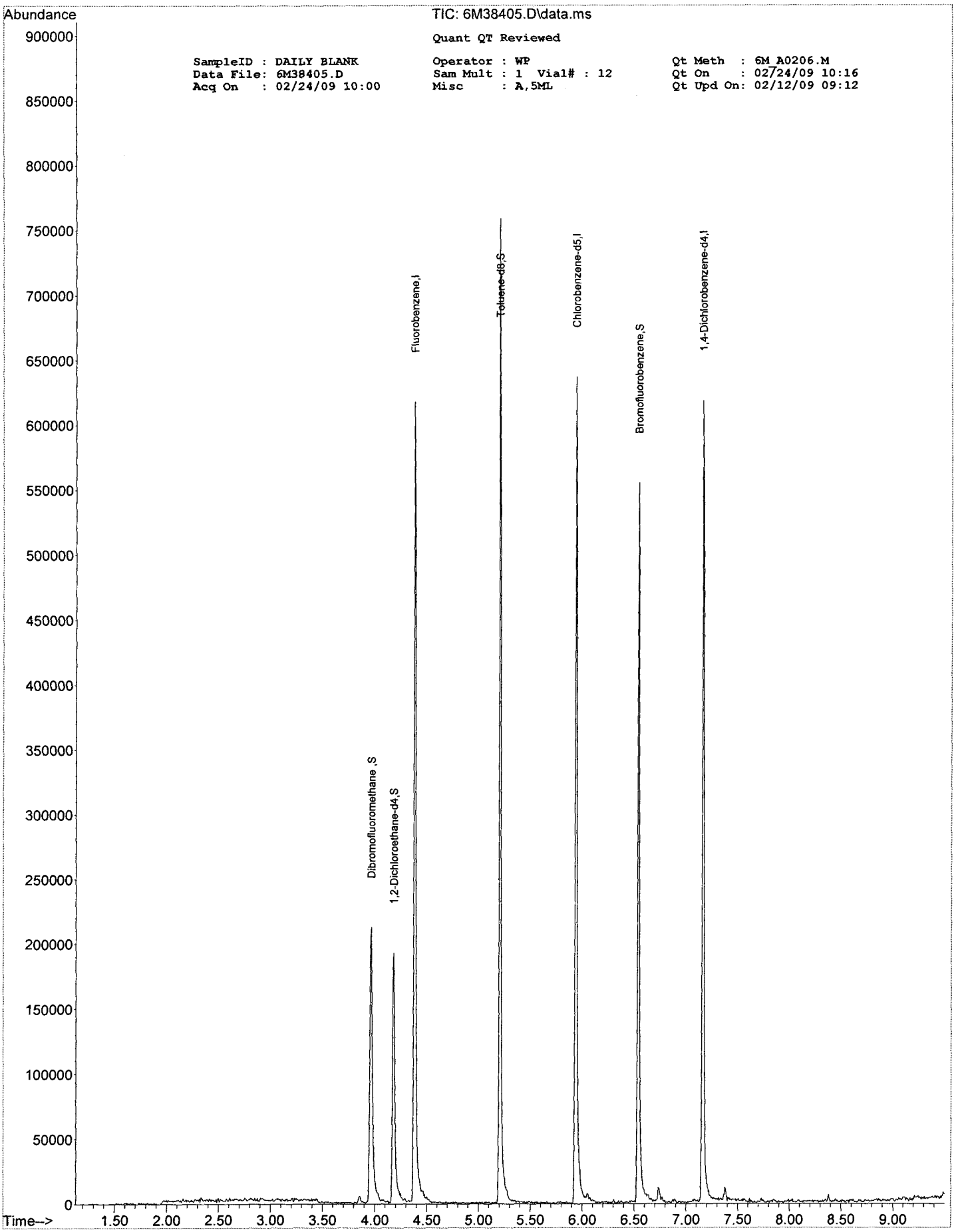
Qt Meth : 6M_A0206.M
Qt On : 02/24/09 10:16
Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.379	96	345562	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.936	117	248767	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	131004	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.964	111	113877	33.41	ug/l	0.01
Spiked Amount 30.000			Recovery =	111.37%		
32) 1,2-Dichloroethane-d4	4.180	67	59133	27.76	ug/l	0.00
Spiked Amount 30.000			Recovery =	92.53%		
56) Toluene-d8	5.203	98	312980	26.76	ug/l	0.00
Spiked Amount 30.000			Recovery =	89.20%		
64) Bromofluorobenzene	6.538	174	143436	28.79	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.97%		
Target Compounds						Qvalue
Library Search Compounds						

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

lle


Abundance
TIC: 6M38405.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 6M38405.D
Acq On : 02/24/09 10:00
Operator : WP
Sam Mult : 1 Vial# : 12
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02/24/09 10:16
Qt Upd On: 02/12/09 09:12
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38405.D
Acq On : 24 Feb 2009 10:00
Operator : WP
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

Signal : TIC: 6M38405.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.200	12	13	14	rBB	288	100	0.01%	0.002%
2	1.246	20	21	22	rBB	265	92	0.01%	0.002%
3	1.257	22	23	24	rBV	379	222	0.03%	0.005%
4	1.292	28	29	32	rVB	869	495	0.06%	0.010%
5	1.453	56	57	60	rBB	299	304	0.04%	0.006%
6	1.488	60	63	64	rBB	605	505	0.06%	0.011%
7	1.522	65	69	71	rBB	683	868	0.10%	0.018%
8	1.540	71	72	75	rBB	565	433	0.05%	0.009%
9	1.609	79	84	85	rBV	969	1274	0.15%	0.027%
10	1.620	85	86	88	rVB	986	438	0.05%	0.009%
11	1.638	88	89	90	rBV	276	100	0.01%	0.002%
12	1.661	90	93	95	rVB	954	1005	0.12%	0.021%
13	1.678	95	96	98	rBV	1250	615	0.07%	0.013%
14	1.695	98	99	100	rVB	264	91	0.01%	0.002%
15	1.707	100	101	103	rBB	324	223	0.03%	0.005%
16	1.736	104	106	109	rBV	1229	877	0.10%	0.018%
17	1.759	109	110	112	rVB	731	278	0.03%	0.006%
18	1.776	112	113	115	rVB	353	235	0.03%	0.005%
19	1.822	117	121	122	rVB	1047	1047	0.12%	0.022%
20	1.839	122	124	127	rBB	632	597	0.07%	0.013%
21	1.862	127	128	129	rBB	785	271	0.03%	0.006%
22	1.880	129	131	132	rBB	1236	521	0.06%	0.011%
23	1.903	132	135	136	rBB	562	474	0.06%	0.010%
24	1.937	140	141	142	rBB	267	92	0.01%	0.002%
25	1.973	142	145	147	rBV	3042	5446	0.64%	0.114%
26	1.997	147	149	151	rVB2	1593	977	0.11%	0.021%
27	2.015	151	152	156	rBV	1631	1698	0.20%	0.036%
28	2.075	160	162	164	rBV	800	936	0.11%	0.020%
29	2.135	171	172	173	rVB	1538	554	0.06%	0.012%
30	2.159	173	176	179	rBV	2736	2878	0.34%	0.060%
31	2.189	179	181	182	rVV	1756	1068	0.13%	0.022%
32	2.207	182	184	186	rVB	1298	1278	0.15%	0.027%
33	2.231	186	188	189	rBV	1094	638	0.07%	0.013%
34	2.273	193	195	197	rBV	2442	2833	0.33%	0.060%
35	2.315	201	202	203	rVB	3209	1158	0.14%	0.024%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38405.D
Acq On : 24 Feb 2009 10:00
Operator : WP
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

36	2.333	203	205	208	rBV	4090	4632	0.54%	0.097%
37	2.388	212	214	217	rVB	1802	2127	0.25%	0.045%
38	2.412	217	218	221	rBV	2353	2018	0.24%	0.042%
39	2.478	227	229	230	rVB	2863	1381	0.16%	0.029%
40	2.502	230	233	234	rBV	3531	3521	0.41%	0.074%
41	2.520	234	236	238	rBV	2382	2157	0.25%	0.045%
42	2.580	244	246	249	rVB	1787	1454	0.17%	0.031%
43	2.610	249	251	252	rBV	2557	1657	0.19%	0.035%
44	2.658	257	259	260	rBV	1625	1416	0.17%	0.030%
45	2.755	273	275	279	rVB	2210	1956	0.23%	0.041%
46	2.809	282	284	285	rVV	1317	801	0.09%	0.017%
47	2.851	289	291	292	rVB	2115	932	0.11%	0.020%
48	2.875	293	295	298	rVB	2527	1857	0.22%	0.039%
49	2.905	298	300	301	rBV	3067	2242	0.26%	0.047%
50	3.019	317	319	320	rVB	1840	1000	0.12%	0.021%
51	3.109	333	334	336	rBV	1885	1446	0.17%	0.030%
52	3.158	339	342	343	rBV	1862	1675	0.20%	0.035%
53	3.200	348	349	353	rVB	2932	2925	0.34%	0.061%
54	3.230	353	354	355	rBV	2852	1607	0.19%	0.034%
55	3.248	355	357	358	rVV	1791	1295	0.15%	0.027%
56	3.296	361	365	367	rBV	1603	1602	0.19%	0.034%
57	3.332	367	371	374	rBV	1344	2311	0.27%	0.049%
58	3.398	381	382	383	rVB	2134	770	0.09%	0.016%
59	3.416	383	385	387	rVV	1800	1714	0.20%	0.036%
60	3.440	387	389	393	rVB	3106	3546	0.42%	0.075%
61	3.494	396	398	402	rVB	1285	1289	0.15%	0.027%
62	3.524	402	403	404	rBV	1113	643	0.08%	0.014%
63	3.555	407	408	411	rVB	1132	672	0.08%	0.014%
64	3.579	411	412	414	rVB	714	445	0.05%	0.009%
65	3.633	420	421	423	rVB	1257	490	0.06%	0.010%
66	3.651	423	424	427	rBV	782	553	0.06%	0.012%
67	3.681	427	429	430	rBV	905	485	0.06%	0.010%
68	3.705	430	433	434	rVB	990	956	0.11%	0.020%
69	3.729	434	437	438	rBV	903	928	0.11%	0.019%
70	3.753	440	441	442	rVB	633	238	0.03%	0.005%
71	3.795	447	448	449	rVB	189	68	0.01%	0.001%
72	3.807	449	450	454	rBV	1113	1035	0.12%	0.022%
73	3.855	454	458	462	rBV3	5176	8410	0.98%	0.177%
74	3.903	465	466	467	rVB	583	210	0.02%	0.004%
75	3.964	470	476	491	rBV	211282	373160	43.68%	7.840%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38405.D
Acq On : 24 Feb 2009 10:00
Operator : WP
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

76	4.126	502	503	504	rVB	2123	766	0.09%	0.016%
77	4.138	504	505	507	rBV	1199	898	0.11%	0.019%
78	4.180	507	512	522	rBV	191915	298566	34.95%	6.273%
79	4.288	529	530	533	rVB	2836	1814	0.21%	0.038%
80	4.349	538	540	541	rBV	957	666	0.08%	0.014%
81	4.379	541	545	556	rBV	616377	772791	90.46%	16.237%
82	4.565	574	576	577	rBV2	860	644	0.08%	0.014%
83	4.631	583	587	589	rVB	987	1284	0.15%	0.027%
84	4.649	589	590	591	rVB	804	290	0.03%	0.006%
85	4.667	591	593	595	rBV	793	485	0.06%	0.010%
86	4.685	595	596	598	rBV	1214	654	0.08%	0.014%
87	4.721	600	602	603	rBV	417	213	0.02%	0.004%
88	4.746	603	606	607	rVB	365	378	0.04%	0.008%
89	4.758	607	608	609	rBV	719	294	0.03%	0.006%
90	4.776	609	611	614	rVV	837	766	0.09%	0.016%
91	4.818	616	618	621	rBV	483	529	0.06%	0.011%
92	4.854	621	624	625	rBV	511	724	0.08%	0.015%
93	4.896	627	631	635	rBV	840	1494	0.17%	0.031%
94	4.932	635	637	638	rVB	409	176	0.02%	0.004%
95	4.944	638	639	641	rBV	759	554	0.06%	0.012%
96	4.974	643	644	645	rVB	1130	408	0.05%	0.009%
97	4.986	645	646	647	rBV	1457	694	0.08%	0.015%
98	5.010	647	650	651	rVB	994	576	0.07%	0.012%
99	5.034	653	654	655	rVB	1155	417	0.05%	0.009%
100	5.052	655	657	658	rBV	550	429	0.05%	0.009%
101	5.064	658	659	660	rBV	1114	405	0.05%	0.009%
102	5.076	660	661	663	rBV	1104	797	0.09%	0.017%
103	5.100	663	665	668	rVB	1212	1026	0.12%	0.022%
104	5.130	668	670	672	rBV	778	467	0.05%	0.010%
105	5.203	678	682	702	rBV	757650	854291	100.00%	17.949%
106	5.383	709	712	714	rBV2	1513	1752	0.21%	0.037%
107	5.443	721	722	725	rVB2	1356	794	0.09%	0.017%
108	5.467	725	726	727	rBV2	1163	493	0.06%	0.010%
109	5.485	727	729	732	rVV	1519	1808	0.21%	0.038%
110	5.515	732	734	735	rVV	1424	723	0.08%	0.015%
111	5.533	735	737	738	rVV	537	320	0.04%	0.007%
112	5.552	738	740	741	rVV	1091	824	0.10%	0.017%
113	5.588	744	746	748	rBV	484	407	0.05%	0.009%
114	5.606	748	749	750	rBV	979	449	0.05%	0.009%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38405.D
Acq On : 24 Feb 2009 10:00
Operator : WP
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

115	5.624	750	752	753	rVV	545	428	0.05%	0.009%
116	5.660	755	758	761	rBV	1332	1099	0.13%	0.023%
117	5.696	762	764	765	rVB	796	519	0.06%	0.011%
118	5.714	765	767	768	rBB	905	496	0.06%	0.010%
119	5.732	768	770	772	rBB	1146	921	0.11%	0.019%
120	5.768	772	776	778	rBV	1472	2098	0.25%	0.044%
121	5.792	778	780	783	rVV	854	768	0.09%	0.016%
122	5.828	784	786	788	rVB	772	655	0.08%	0.014%
123	5.852	788	790	792	rVB	1579	1287	0.15%	0.027%
124	5.876	792	794	795	rBV	877	814	0.10%	0.017%
125	5.937	800	804	818	rBV	636144	768120	89.91%	16.138%
126	6.045	821	822	825	rVV3	6235	6578	0.77%	0.138%
127	6.075	825	827	829	rVV2	3077	2508	0.29%	0.053%
128	6.099	829	831	832	rVB	1022	684	0.08%	0.014%
129	6.189	844	846	849	rVB	974	622	0.07%	0.013%
130	6.219	849	851	852	rBV	543	445	0.05%	0.009%
131	6.237	852	854	856	rVB	1560	1030	0.12%	0.022%
132	6.255	856	857	860	rBV	1032	908	0.11%	0.019%
133	6.279	860	861	862	rVB	1028	371	0.04%	0.008%
134	6.303	862	865	868	rBV2	2870	2601	0.30%	0.055%
135	6.352	870	873	874	rBV	2038	1260	0.15%	0.026%
136	6.376	874	877	881	rVB	1915	2152	0.25%	0.045%
137	6.406	881	882	884	rBV	862	612	0.07%	0.013%
138	6.424	884	885	886	rBV	744	385	0.05%	0.008%
139	6.460	889	891	892	rBV	1640	1123	0.13%	0.024%
140	6.472	892	893	896	rBV2	1174	1196	0.14%	0.025%
141	6.502	896	898	900	rVB2	1020	551	0.06%	0.012%
142	6.538	900	904	916	rBV	554074	677516	79.31%	14.235%
143	6.688	928	929	931	rBV	1522	1112	0.13%	0.023%
144	6.706	931	932	933	rVV	1716	1018	0.12%	0.021%
145	6.737	934	937	941	rVV3	11104	14946	1.75%	0.314%
146	6.767	941	942	946	rVB	3771	2879	0.34%	0.060%
147	6.833	952	953	957	rVB	1775	1542	0.18%	0.032%
148	6.875	957	960	961	rBV	2725	2722	0.32%	0.057%
149	6.893	961	963	968	rVB2	2995	3431	0.40%	0.072%
150	6.941	968	971	973	rBV	1438	1578	0.18%	0.033%
151	6.965	973	975	979	rBV	919	1046	0.12%	0.022%
152	7.001	979	981	982	rVB	789	436	0.05%	0.009%
153	7.019	982	984	985	rBV	1096	662	0.08%	0.014%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38405.D
Acq On : 24 Feb 2009 10:00
Operator : WP
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

154	7.043	985	988	990	rBV	641	659	0.08%	0.014%
155	7.067	990	992	993	rBV	1795	1023	0.12%	0.021%
156	7.079	993	994	997	rBV2	1640	1244	0.15%	0.026%
157	7.158	1003	1007	1019	rBV	616103	719238	84.19%	15.111%
158	7.314	1032	1033	1034	rVB	2264	816	0.10%	0.017%
159	7.332	1034	1036	1040	rBV2	1846	2519	0.29%	0.053%
160	7.374	1040	1043	1047	rVB4	10711	13832	1.62%	0.291%
161	7.404	1047	1048	1051	rBV2	3044	3050	0.36%	0.064%
162	7.452	1054	1056	1057	rVV	1389	1280	0.15%	0.027%
163	7.506	1061	1065	1068	rBV3	1807	1947	0.23%	0.041%
164	7.537	1068	1070	1071	rVB	1196	694	0.08%	0.015%
165	7.549	1071	1072	1073	rBV	2022	925	0.11%	0.019%
166	7.591	1078	1079	1081	rVB	1529	903	0.11%	0.019%
167	7.615	1081	1083	1084	rVB	3569	1702	0.20%	0.036%
168	7.627	1084	1085	1088	rBV	2349	1855	0.22%	0.039%
169	7.663	1089	1091	1093	rBV	1176	579	0.07%	0.012%
170	7.693	1095	1096	1099	rBV	1119	1040	0.12%	0.022%
171	7.729	1099	1102	1103	rBV	2881	2361	0.28%	0.050%
172	7.795	1110	1113	1115	rVB	1532	1313	0.15%	0.028%
173	7.813	1115	1116	1117	rBV	1558	951	0.11%	0.020%
174	7.831	1117	1119	1120	rVV	1500	1091	0.13%	0.023%
175	7.849	1120	1122	1127	rVV	2403	3568	0.42%	0.075%
176	7.897	1129	1130	1132	rBV	1496	939	0.11%	0.020%
177	7.933	1132	1136	1137	rVB	861	964	0.11%	0.020%
178	7.958	1137	1140	1142	rBV	1609	1650	0.19%	0.035%
179	7.994	1142	1146	1147	rVB	2346	2031	0.24%	0.043%
180	8.030	1147	1152	1153	rBV2	2883	2920	0.34%	0.061%
181	8.060	1153	1157	1158	rVB	937	1064	0.12%	0.022%
182	8.096	1158	1163	1166	rBV2	1861	3047	0.36%	0.064%
183	8.120	1166	1167	1169	rVB	1129	764	0.09%	0.016%
184	8.144	1169	1171	1174	rBV	1295	1986	0.23%	0.042%
185	8.228	1184	1185	1186	rVB	1773	640	0.07%	0.013%
186	8.246	1186	1188	1192	rBV	1375	2442	0.29%	0.051%
187	8.276	1192	1193	1194	rVB	1662	600	0.07%	0.013%
188	8.306	1196	1198	1200	rBV	978	987	0.12%	0.021%
189	8.324	1200	1201	1202	rVV	1664	695	0.08%	0.015%
190	8.349	1204	1205	1207	rVV2	1775	1252	0.15%	0.026%
191	8.379	1207	1210	1213	rVV2	5590	5032	0.59%	0.106%
192	8.421	1216	1217	1219	rBV	1467	1298	0.15%	0.027%

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38405.D
Acq On : 24 Feb 2009 10:00
Operator : WP
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260

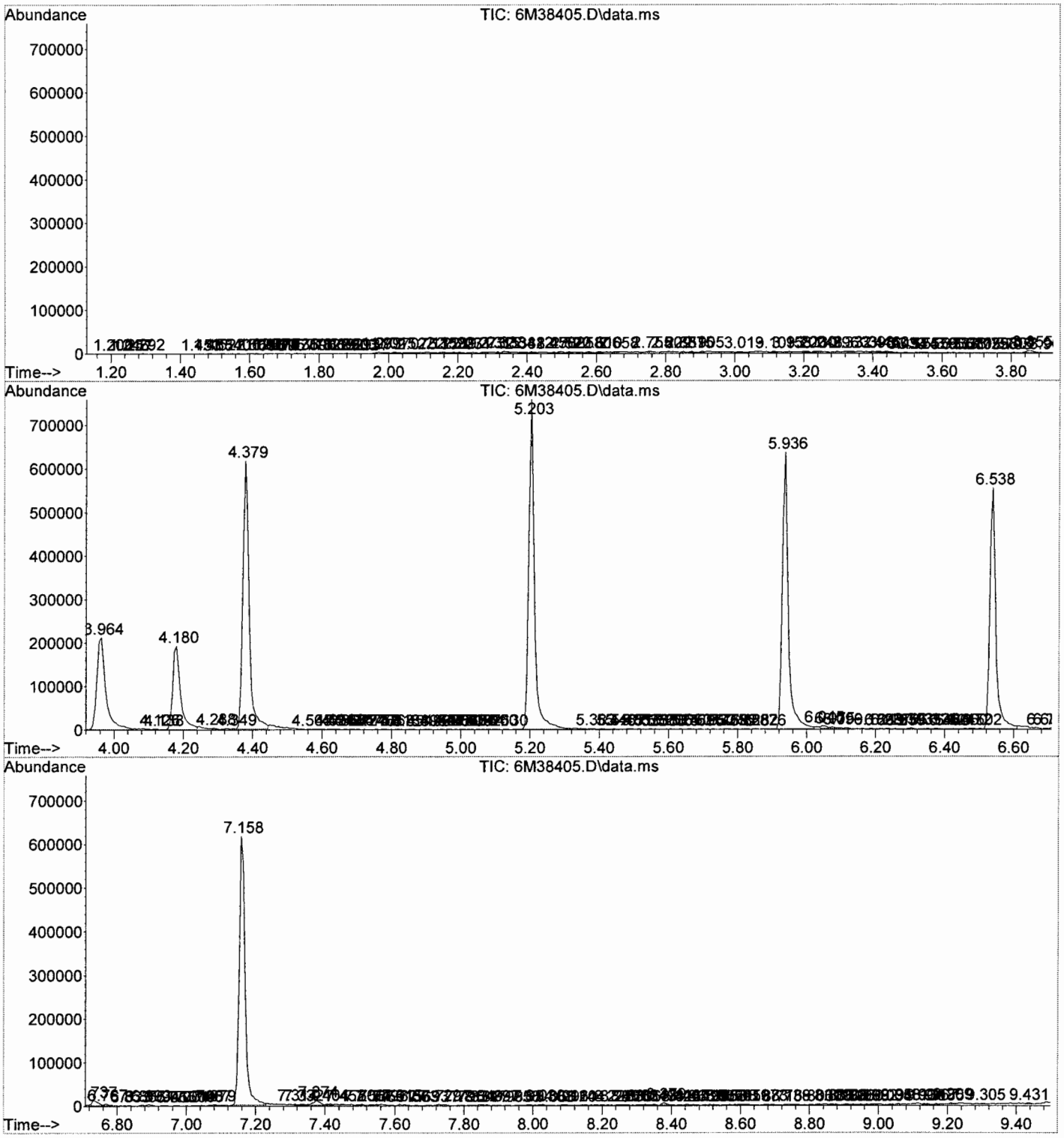
193	8.445	1219	1221	1223	rVV	2151	1436	0.17%	0.030%
194	8.463	1223	1224	1226	rVB	1206	536	0.06%	0.011%
195	8.499	1228	1230	1231	rVB	1528	931	0.11%	0.020%
196	8.511	1231	1232	1237	rBV	2316	2511	0.29%	0.053%
197	8.553	1237	1239	1241	rBV2	1302	1351	0.16%	0.028%
198	8.571	1241	1242	1243	rVB2	1750	631	0.07%	0.013%
199	8.583	1243	1244	1245	rBV	2402	1340	0.16%	0.028%
200	8.595	1245	1246	1248	rVV2	1201	874	0.10%	0.018%
201	8.619	1248	1250	1252	rVB2	1894	1435	0.17%	0.030%
202	8.673	1256	1259	1261	rBV	2198	2358	0.28%	0.050%
203	8.715	1265	1266	1267	rBV	832	326	0.04%	0.007%
204	8.739	1267	1270	1271	rBV	1834	2213	0.26%	0.046%
205	8.806	1279	1281	1282	rBV	753	558	0.07%	0.012%
206	8.830	1282	1285	1286	rVV	1103	1099	0.13%	0.023%
207	8.866	1289	1291	1295	rVB2	1803	1721	0.20%	0.036%
208	8.908	1295	1298	1299	rBV	1458	1162	0.14%	0.024%
209	8.926	1299	1301	1303	rVB2	1192	824	0.10%	0.017%
210	8.950	1303	1305	1306	rBV2	1040	671	0.08%	0.014%
211	8.968	1306	1308	1309	rVB	925	614	0.07%	0.013%
212	8.992	1309	1312	1313	rBV3	1573	2116	0.25%	0.044%
213	9.034	1317	1319	1321	rBV2	1442	1189	0.14%	0.025%
214	9.058	1321	1323	1324	rBV	2155	1197	0.14%	0.025%
215	9.100	1328	1330	1331	rBV	1509	1179	0.14%	0.025%
216	9.130	1334	1335	1339	rVB2	2536	2912	0.34%	0.061%
217	9.167	1339	1341	1343	rBV	2669	2131	0.25%	0.045%
218	9.185	1343	1344	1345	rVB	1583	571	0.07%	0.012%
219	9.209	1347	1348	1351	rBV	3333	3162	0.37%	0.066%
220	9.305	1362	1364	1365	rBV	2000	1119	0.13%	0.024%
221	9.431	1384	1385	1389	rVB2	2049	2061	0.24%	0.043%

Sum of corrected areas: 4759559

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38405.D
Acq On : 24 Feb 2009 10:00
Operator : WP
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 12 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Data File : 6M38405.D
Acq On : 24 Feb 2009 10:00
Operator : WP
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 12 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 1M42126.D
Analysis Date: 02/25/09 09:19
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1.00
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0050	U	56-23-5	Carbon Tetrachloride	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U	108-90-7	Chlorobenzene	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0050	U	75-00-3	Chloroethane	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U	67-66-3	Chloroform	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U	74-87-3	Chloromethane	0.0050	U
75-35-4	1,1-Dichloroethene	0.0050	U	156-59-2	cis-1,2-Dichloroethene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U	10061-01-5	cis-1,3-Dichloropropene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U	75-71-8	Dichlorodifluoromethane	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U	100-41-4	Ethylbenzene	0.0010	U
78-87-5	1,2-Dichloropropane	0.0050	U	98-82-8	Isopropylbenzene	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	136777612	m&p-Xylenes	0.0020	U
541-73-1	1,3-Dichlorobenzene	0.0050	U	75-09-2	Methylene Chloride	0.0050	U
142-28-9	1,3-Dichloropropane	0.0050	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0050	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.25	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0050	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0050	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0050	U	100-42-5	Styrene	0.0050	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.025	U
108-10-1	4-Methyl-2-Pentanone	0.0050	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.025	U	127-18-4	Tetrachloroethene	0.0050	U
107-02-8	Acrolein	0.025	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0050	U	156-60-5	trans-1,2-Dichloroethene	0.0050	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U	79-01-6	Trichloroethene	0.0050	U
75-25-2	Bromoform	0.0050	U	75-69-4	Trichlorofluoromethane	0.0050	U
74-83-9	Bromomethane	0.0050	U	75-01-4	Vinyl Chloride	0.0050	U
75-15-0	Carbon Disulfide	0.0050	U				

Worksheet #: 110162

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK	Matrix: Soil
Client Id:	Initial Vol: 5g
Data File: 1M42126.D	Final Vol: NA
Analysis Date: 02/25/09 09:19	Dilution: 1.00
Date Rec/Extracted:	Solids: 100
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK
Data File: 1M42126.D
Acq On : 02/25/09 09:19

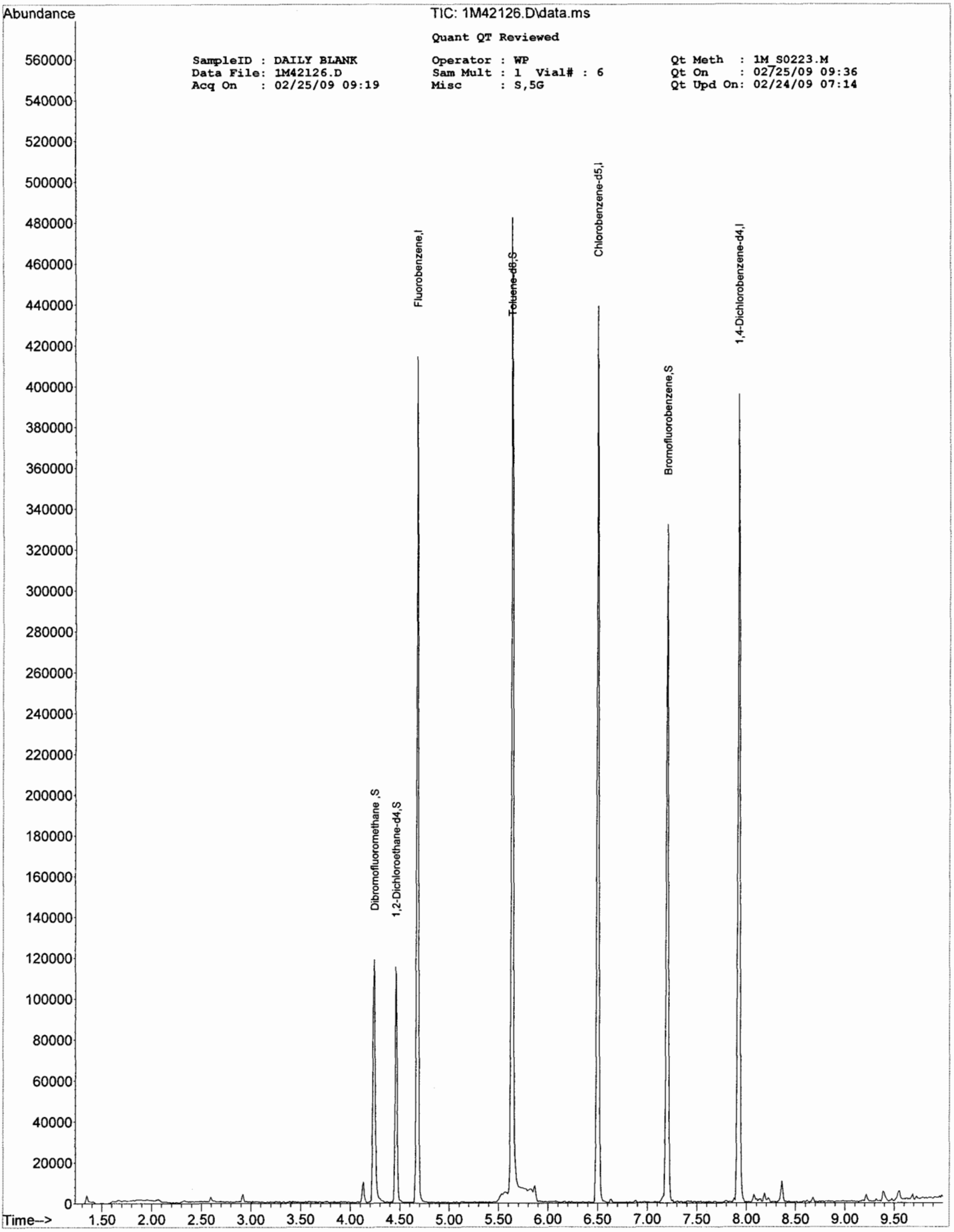
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : S,5G

Qt Meth : 1M_S0223.M
Qt On : 02/25/09 09:36
Qt Upd On: 02/24/09 07:14

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.674	96	198606	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.497	117	164758	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.917	152	92388	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.240	111	59715	32.72	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.07%			
32) 1,2-Dichloroethane-d4	4.457	102	10196	29.77	ug/l	-0.01
Spiked Amount 30.000			Recovery = 99.23%			
56) Toluene-d8	5.630	100	136284	28.85	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.17%			
64) Bromofluorobenzene	7.197	174	76945	29.23	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.43%			
Target Compounds						Qvalue
Library Search Compounds						

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


Abundance
TIC: 1M42126.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 1M42126.D
Acq On : 02/25/09 09:19
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/25/09 09:36
Qt Upd On: 02/24/09 07:14
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42126.D
Acq On : 25 Feb 2009 9:19
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M42126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.347	6	8	11	rBV	3990	7297	1.13%	0.212%
2	1.414	11	12	14	rVV	1090	1343	0.21%	0.039%
3	1.514	14	18	20	rVB	311	959	0.15%	0.028%
4	1.615	20	24	25	rBV	1057	3297	0.51%	0.096%
5	1.665	25	27	29	rVV	1580	5081	0.79%	0.148%
6	1.715	29	30	33	rVV	1416	5065	0.79%	0.147%
7	1.816	33	36	37	rVV3	1576	5613	0.87%	0.163%
8	1.849	37	38	43	rVV3	1890	10176	1.58%	0.296%
9	1.950	43	44	49	rVV2	1864	9408	1.46%	0.274%
10	2.067	49	51	53	rVV2	2053	5842	0.91%	0.170%
11	2.117	53	54	59	rVV	699	3260	0.51%	0.095%
12	2.218	59	60	61	rVV	469	668	0.10%	0.019%
13	2.252	61	62	63	rVV	504	732	0.11%	0.021%
14	2.328	63	65	69	rVV2	1421	5318	0.83%	0.155%
15	2.378	69	70	72	rVV	874	1450	0.23%	0.042%
16	2.407	72	73	75	rVV	1035	1591	0.25%	0.046%
17	2.447	75	77	78	rVV	918	1578	0.24%	0.046%
18	2.476	78	80	81	rVV	988	1555	0.24%	0.045%
19	2.496	81	82	84	rVV	945	1497	0.23%	0.044%
20	2.535	84	86	87	rVV	1090	1458	0.23%	0.042%
21	2.555	87	88	90	rVV	907	1359	0.21%	0.040%
22	2.594	90	92	95	rVV	2997	5210	0.81%	0.152%
23	2.634	95	96	98	rVV	1300	1557	0.24%	0.045%
24	2.663	98	99	101	rVV	816	1313	0.20%	0.038%
25	2.693	101	102	104	rVV	1015	1362	0.21%	0.040%
26	2.723	104	105	107	rVV	708	1051	0.16%	0.031%
27	2.752	107	108	111	rVV	796	1488	0.23%	0.043%
28	2.801	111	113	114	rVV	702	977	0.15%	0.028%
29	2.831	114	116	117	rVV	474	781	0.12%	0.023%
30	2.851	117	118	119	rVV	874	904	0.14%	0.026%
31	2.890	119	122	123	rVV	820	1711	0.27%	0.050%
32	2.920	123	125	127	rVV	4360	5936	0.92%	0.173%
33	2.959	127	129	130	rVV	945	1282	0.20%	0.037%
34	2.979	130	131	134	rVV	588	1161	0.18%	0.034%
35	3.018	134	135	136	rVV	920	770	0.12%	0.022%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42126.D
Acq On : 25 Feb 2009 9:19
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

36	3.058	136	139	141	rVV	707	1699	0.26%	0.049%
37	3.087	141	142	143	rVV	671	594	0.09%	0.017%
38	3.107	143	144	147	rVV	677	1206	0.19%	0.035%
39	3.166	147	150	152	rVV	592	1149	0.18%	0.033%
40	3.196	152	153	154	rVV	719	674	0.10%	0.020%
41	3.225	154	156	157	rVV	515	677	0.11%	0.020%
42	3.255	157	159	161	rVV	772	1378	0.21%	0.040%
43	3.294	161	163	165	rVV	623	1001	0.16%	0.029%
44	3.334	165	167	169	rVV	680	948	0.15%	0.028%
45	3.363	169	170	171	rVV	423	338	0.05%	0.010%
46	3.393	171	173	175	rVV	698	959	0.15%	0.028%
47	3.422	175	176	177	rVV	687	608	0.09%	0.018%
48	3.452	177	179	180	rVV	433	561	0.09%	0.016%
49	3.472	180	181	182	rVV	490	478	0.07%	0.014%
50	3.491	182	183	185	rVV	372	520	0.08%	0.015%
51	3.521	185	186	187	rVV	281	269	0.04%	0.008%
52	3.550	187	189	190	rVV	641	709	0.11%	0.021%
53	3.580	190	192	195	rVV	698	1339	0.21%	0.039%
54	3.619	195	196	197	rVV	448	452	0.07%	0.013%
55	3.639	197	198	199	rVV	551	398	0.06%	0.012%
56	3.659	199	200	201	rVV	600	451	0.07%	0.013%
57	3.688	201	203	205	rVV	535	787	0.12%	0.023%
58	3.718	205	206	207	rVV	256	289	0.04%	0.008%
59	3.748	207	209	214	rVV	634	1512	0.23%	0.044%
60	3.817	214	216	217	rVV	459	465	0.07%	0.014%
61	3.836	217	218	221	rVV	665	748	0.12%	0.022%
62	3.876	221	222	223	rVV	320	323	0.05%	0.009%
63	3.905	223	225	227	rVV	633	952	0.15%	0.028%
64	3.935	227	228	229	rVV	456	438	0.07%	0.013%
65	3.954	229	230	231	rVV	473	308	0.05%	0.009%
66	3.984	231	233	236	rVV	468	788	0.12%	0.023%
67	4.023	236	237	238	rVV	413	315	0.05%	0.009%
68	4.073	240	242	244	rVV	543	792	0.12%	0.023%
69	4.132	244	248	252	rVV	10252	15156	2.35%	0.441%
70	4.240	255	259	271	rVB	118614	197286	30.62%	5.744%
71	4.368	271	272	274	rBV	405	468	0.07%	0.014%
72	4.418	274	277	278	rVB	353	354	0.05%	0.010%
73	4.457	278	281	289	rVB	115249	156703	24.32%	4.562%
74	4.566	289	292	293	rBV	243	321	0.05%	0.009%
75	4.585	293	294	297	rBB	307	403	0.06%	0.012%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42126.D
Acq On : 25 Feb 2009 9:19
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

76	4.674	300	303	315	rVV	414162	506187	78.58%	14.737%
77	4.802	315	316	317	rVV	286	226	0.04%	0.007%
78	4.822	317	318	322	rVB	309	442	0.07%	0.013%
79	4.891	322	325	327	rVB	377	414	0.06%	0.012%
80	4.940	327	330	331	rBV	158	348	0.05%	0.010%
81	4.960	331	332	334	rVB	275	222	0.03%	0.006%
82	4.989	334	335	336	rVB	228	135	0.02%	0.004%
83	5.009	336	337	340	rVB	150	160	0.02%	0.005%
84	5.048	340	341	342	rBV	434	282	0.04%	0.008%
85	5.078	342	344	346	rVB	500	533	0.08%	0.016%
86	5.147	346	351	352	rBV	474	1040	0.16%	0.030%
87	5.177	352	354	355	rVB	235	204	0.03%	0.006%
88	5.216	355	358	360	rBV	235	433	0.07%	0.013%
89	5.255	361	362	364	rVB	282	310	0.05%	0.009%
90	5.305	364	367	370	rVB	327	467	0.07%	0.014%
91	5.344	370	371	372	rBV	333	237	0.04%	0.007%
92	5.374	372	374	376	rVB	152	247	0.04%	0.007%
93	5.403	376	377	379	rBV	288	294	0.05%	0.009%
94	5.453	379	382	383	rBV	221	255	0.04%	0.007%
95	5.630	397	400	407	rBV	476821	644208	100.00%	18.756%
96	5.827	416	420	422	rVB2	1627	3803	0.59%	0.111%
97	5.867	422	424	427	rVB	7729	11678	1.81%	0.340%
98	5.916	427	429	434	rVB2	484	821	0.13%	0.024%
99	5.975	434	435	437	rVB2	507	407	0.06%	0.012%
100	6.004	437	438	439	rBV	295	256	0.04%	0.007%
101	6.024	439	440	441	rBV	99	90	0.01%	0.003%
102	6.054	441	443	444	rBV	127	101	0.02%	0.003%
103	6.073	444	445	450	rVB	635	996	0.15%	0.029%
104	6.172	452	455	456	rVB	668	967	0.15%	0.028%
105	6.211	456	459	460	rBV	529	561	0.09%	0.016%
106	6.241	460	462	464	rVB	514	525	0.08%	0.015%
107	6.290	464	467	469	rBV	283	511	0.08%	0.015%
108	6.330	469	471	472	rVB	101	114	0.02%	0.003%
109	6.349	472	473	475	rVB	370	343	0.05%	0.010%
110	6.379	475	476	477	rBV	65	52	0.01%	0.002%
111	6.409	477	479	484	rVB	319	546	0.08%	0.016%
112	6.497	484	488	500	rBV	438934	586085	90.98%	17.064%
113	6.635	500	502	506	rVB2	1795	2435	0.38%	0.071%
114	6.694	506	508	510	rBV	241	301	0.05%	0.009%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42126.D
Acq On : 25 Feb 2009 9:19
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

115	6.734	510	512	513	rVB	200	196	0.03%	0.006%
116	6.754	513	514	516	rBV	84	88	0.01%	0.003%
117	6.793	516	518	519	rVB	288	299	0.05%	0.009%
118	6.823	519	521	522	rBV	405	280	0.04%	0.008%
119	6.882	524	527	529	rVB	1139	1427	0.22%	0.042%
120	6.931	529	532	533	rVB	282	283	0.04%	0.008%
121	6.970	533	536	538	rBV	517	694	0.11%	0.020%
122	7.000	538	539	542	rVB	204	290	0.05%	0.008%
123	7.039	542	543	545	rVB	159	109	0.02%	0.003%
124	7.079	545	547	548	rBV	364	365	0.06%	0.011%
125	7.098	548	549	551	rVB	217	143	0.02%	0.004%
126	7.197	555	559	564	rVB	331050	473400	73.49%	13.783%
127	7.256	564	565	566	rVB	1133	670	0.10%	0.020%
128	7.305	566	570	572	rBV	642	800	0.12%	0.023%
129	7.345	572	574	576	rVB	566	716	0.11%	0.021%
130	7.384	576	578	579	rBV	371	400	0.06%	0.012%
131	7.404	579	580	583	rBV	574	997	0.15%	0.029%
132	7.443	583	584	585	rVB	712	421	0.07%	0.012%
133	7.473	585	587	590	rBV	436	612	0.10%	0.018%
134	7.512	590	591	592	rBV	305	226	0.04%	0.007%
135	7.542	592	594	595	rVB	673	649	0.10%	0.019%
136	7.572	595	597	599	rBV	344	466	0.07%	0.014%
137	7.601	599	600	601	rVB	298	176	0.03%	0.005%
138	7.621	601	602	606	rVB	594	830	0.13%	0.024%
139	7.680	606	608	610	rBV2	594	1009	0.16%	0.029%
140	7.729	610	613	614	rBV	167	186	0.03%	0.005%
141	7.759	614	616	617	rVB	89	101	0.02%	0.003%
142	7.798	617	620	622	rBV	816	1269	0.20%	0.037%
143	7.828	622	623	626	rVB	365	529	0.08%	0.015%
144	7.877	626	628	629	rBV	2011	2357	0.37%	0.069%
145	7.917	629	632	639	rVB	395668	588996	91.43%	17.148%
146	7.995	639	640	641	rVB	293	173	0.03%	0.005%
147	8.025	641	643	645	rBV	372	481	0.07%	0.014%
148	8.074	645	648	652	rBV5	3779	6829	1.06%	0.199%
149	8.143	652	655	657	rVB2	1316	2016	0.31%	0.059%
150	8.183	657	659	661	rBV	4059	5101	0.79%	0.149%
151	8.222	661	663	666	rVB2	2105	2726	0.42%	0.079%
152	8.271	666	668	672	rVB	345	779	0.12%	0.023%
153	8.360	672	677	680	rBV	10330	16137	2.50%	0.470%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42126.D
Acq On : 25 Feb 2009 9:19
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

154	8.399	680	681	683	rVB	585	591	0.09%	0.017%
155	8.429	683	684	686	rBV	520	611	0.09%	0.018%
156	8.459	686	687	689	rBV	331	316	0.05%	0.009%
157	8.508	689	692	694	rVB	460	759	0.12%	0.022%
158	8.547	694	696	698	rBV	369	507	0.08%	0.015%
159	8.587	698	700	701	rVB	726	676	0.10%	0.020%
160	8.616	701	703	706	rVB2	1006	1285	0.20%	0.037%
161	8.675	706	709	711	rVB2	2518	3259	0.51%	0.095%
162	8.705	711	712	714	rBV	499	604	0.09%	0.018%
163	8.735	714	715	717	rBV2	367	532	0.08%	0.015%
164	8.764	717	718	721	rVB2	297	516	0.08%	0.015%
165	8.813	721	723	724	rBV	539	739	0.11%	0.022%
166	8.843	724	726	727	rVB	326	345	0.05%	0.010%
167	8.863	727	728	731	rVB2	668	949	0.15%	0.028%
168	8.922	731	734	735	rBV2	495	987	0.15%	0.029%
169	8.981	735	740	741	rBV2	461	467	0.07%	0.014%
170	9.010	741	743	744	rVB	288	313	0.05%	0.009%
171	9.030	744	745	747	rBV	329	320	0.05%	0.009%
172	9.070	747	749	750	rVB2	298	315	0.05%	0.009%
173	9.089	750	751	753	rVB	147	156	0.02%	0.005%
174	9.129	753	755	756	rVB	488	466	0.07%	0.014%
175	9.178	756	760	762	rBV2	794	2203	0.34%	0.064%
176	9.217	762	764	767	rVB2	3461	4629	0.72%	0.135%
177	9.257	767	768	769	rBV2	356	265	0.04%	0.008%
178	9.286	769	771	772	rVB	189	144	0.02%	0.004%
179	9.316	772	774	777	rBV2	1141	1351	0.21%	0.039%
180	9.355	777	778	779	rVB	529	313	0.05%	0.009%
181	9.385	779	781	787	rBV2	5039	9785	1.52%	0.285%
182	9.474	787	790	792	rBV2	1288	1643	0.26%	0.048%
183	9.553	792	798	802	rBV5	4706	11929	1.85%	0.347%
184	9.602	802	803	804	rVB5	384	227	0.04%	0.007%
185	9.622	804	805	807	rVB	755	798	0.12%	0.023%
186	9.691	807	812	814	rVB3	2864	4248	0.66%	0.124%
187	9.730	814	816	819	rBV2	1757	3010	0.47%	0.088%
188	9.789	819	822	824	rBV2	772	1373	0.21%	0.040%
189	9.829	824	826	827	rVB2	457	310	0.05%	0.009%
190	9.858	827	829	830	rBV	620	683	0.11%	0.020%
191	9.878	830	831	833	rVB2	539	469	0.07%	0.014%
192	9.917	833	835	837	rBV2	769	1292	0.20%	0.038%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42126.D
Acq On : 25 Feb 2009 9:19
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

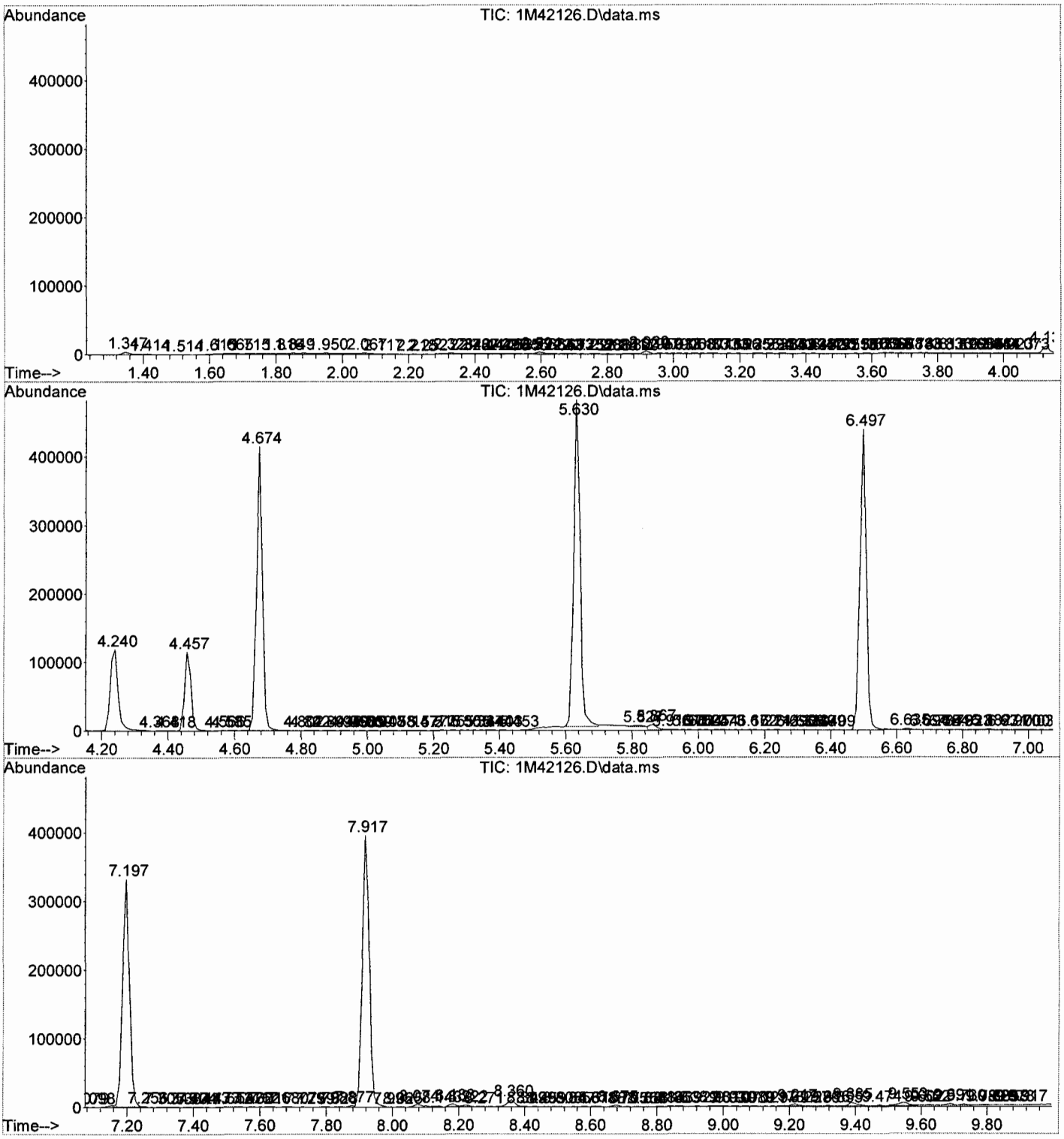
Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Sum of corrected areas: 3434713

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42126.D
Acq On : 25 Feb 2009 9:19
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Data File : 1M42126.D
Acq On : 25 Feb 2009 9:19
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 1M42181.D
Analysis Date: 02/26/09 08:43
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1.00
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0050	U	56-23-5	Carbon Tetrachloride	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U	108-90-7	Chlorobenzene	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0050	U	75-00-3	Chloroethane	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U	67-66-3	Chloroform	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U	74-87-3	Chloromethane	0.0050	U
75-35-4	1,1-Dichloroethene	0.0050	U	156-59-2	cis-1,2-Dichloroethene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U	10061-01-5	cis-1,3-Dichloropropene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U	75-71-8	Dichlorodifluoromethane	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U	100-41-4	Ethylbenzene	0.0010	U
78-87-5	1,2-Dichloropropane	0.0050	U	98-82-8	Isopropylbenzene	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	136777612	m&p-Xylenes	0.0020	U
541-73-1	1,3-Dichlorobenzene	0.0050	U	75-09-2	Methylene Chloride	0.0050	U
142-28-9	1,3-Dichloropropane	0.0050	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0050	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.25	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0050	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0050	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0050	U	100-42-5	Styrene	0.0050	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.025	U
108-10-1	4-Methyl-2-Pentanone	0.0050	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.025	U	127-18-4	Tetrachloroethene	0.0050	U
107-02-8	Acrolein	0.025	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0050	U	156-60-5	trans-1,2-Dichloroethene	0.0050	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U	79-01-6	Trichloroethene	0.0050	U
75-25-2	Bromoform	0.0050	U	75-69-4	Trichlorofluoromethane	0.0050	U
74-83-9	Bromomethane	0.0050	U	75-01-4	Vinyl Chloride	0.0050	U
75-15-0	Carbon Disulfide	0.0050	U				

Worksheet #: 110162

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK	Matrix: Soil
Client Id:	Initial Vol: 5g
Data File: 1M42181.D	Final Vol: NA
Analysis Date: 02/26/09 08:43	Dilution: 1.00
Date Rec/Extracted:	Solids: 100
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110162

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK
Data File: 1M42181.D
Acq On : 02/26/09 08:43

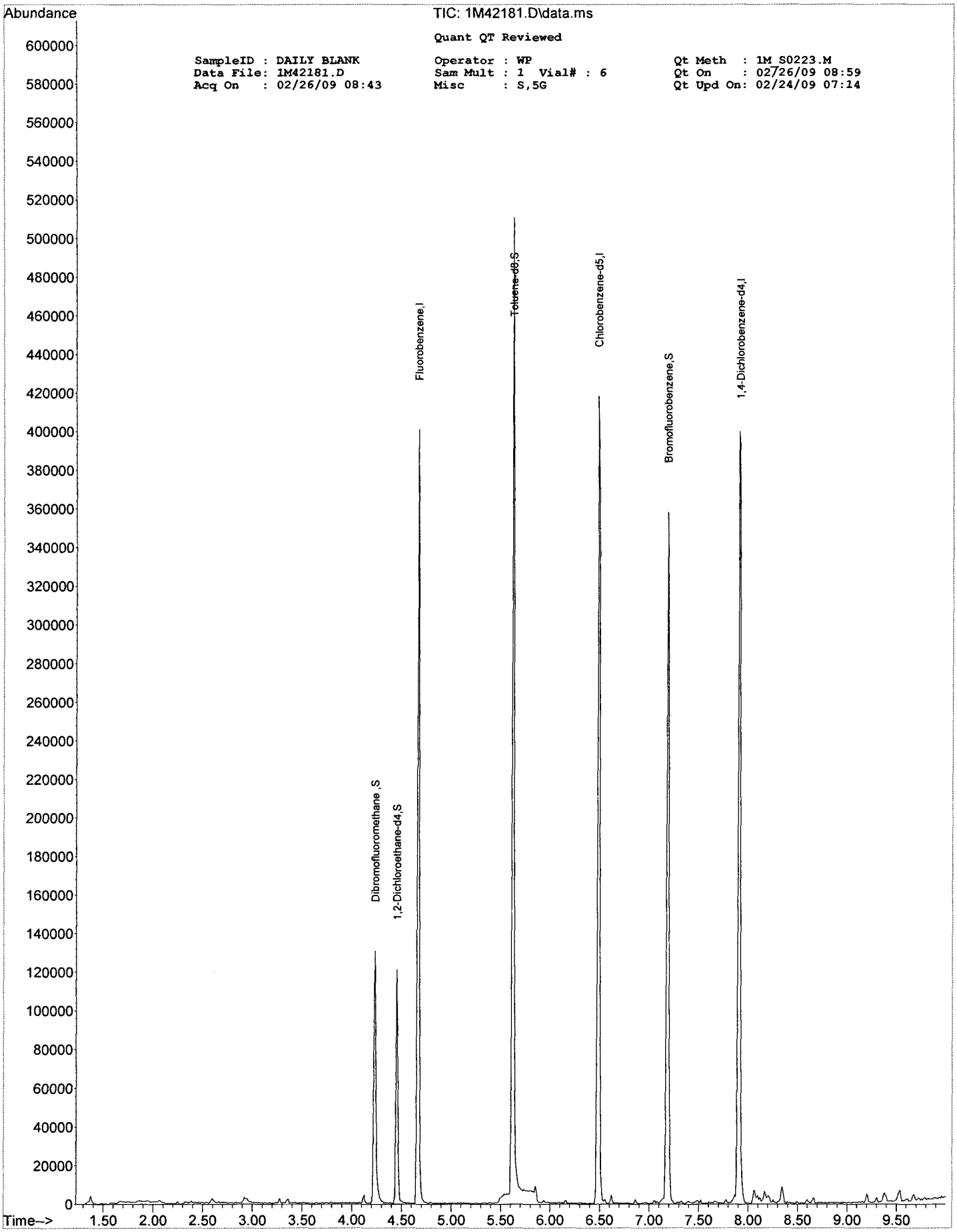
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : S,5G

Qt Meth : 1M_S0223.M
Qt On : 02/26/09 08:59
Qt Upd On: 02/24/09 07:14

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.665	96	204653	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.478	117	176316	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.907	152	100713	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.231	111	62175	33.06	ug/l	0.00
Spiked Amount 30.000			Recovery = 110.20%			
32) 1,2-Dichloroethane-d4	4.448	102	10525	29.82	ug/l	-0.02
Spiked Amount 30.000			Recovery = 99.40%			
56) Toluene-d8	5.621	100	141982	28.08	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.60%			
64) Bromofluorobenzene	7.178	174	84124	29.32	ug/l	-0.02
Spiked Amount 30.000			Recovery = 97.73%			
Target Compounds						Qvalue
Library Search Compounds						

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


Abundance
TIC: 1M42181.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 1M42181.D
Acq On : 02/26/09 08:43
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/26/09 08:59
Qt Upd On: 02/24/09 07:14
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42181.D
Acq On : 26 Feb 2009 8:43
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M42181.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.377	6	10	15	rBV	4122	7804	1.08%	0.205%
2	1.477	15	16	20	rVB	369	1115	0.15%	0.029%
3	1.578	20	22	25	rBV	797	2190	0.30%	0.057%
4	1.679	25	28	31	rVV3	1656	6850	0.95%	0.180%
5	1.746	31	32	34	rVV	1324	3392	0.47%	0.089%
6	1.863	36	39	42	rVV4	1675	8427	1.17%	0.221%
7	1.947	42	44	46	rVV2	1763	5790	0.80%	0.152%
8	1.997	46	47	50	rVV2	1398	5254	0.73%	0.138%
9	2.064	50	51	55	rVV2	2044	5298	0.73%	0.139%
10	2.164	55	57	58	rVV	438	852	0.12%	0.022%
11	2.198	58	59	61	rVV	387	932	0.13%	0.024%
12	2.248	61	62	64	rVB	1428	1572	0.22%	0.041%
13	2.329	64	66	69	rBV	1203	3719	0.52%	0.098%
14	2.388	69	72	73	rVV	1543	2409	0.33%	0.063%
15	2.428	73	76	78	rVV	881	2392	0.33%	0.063%
16	2.457	78	79	81	rVV	1065	1140	0.16%	0.030%
17	2.497	81	83	85	rVV	993	1860	0.26%	0.049%
18	2.536	85	87	89	rVV	1158	2027	0.28%	0.053%
19	2.595	89	93	98	rVV2	2873	7684	1.06%	0.202%
20	2.664	98	100	102	rVV	1285	2029	0.28%	0.053%
21	2.694	102	103	104	rVV	1133	999	0.14%	0.026%
22	2.714	104	105	106	rVV	1067	953	0.13%	0.025%
23	2.733	106	107	109	rVV	894	1138	0.16%	0.030%
24	2.773	109	111	115	rVV	740	2055	0.28%	0.054%
25	2.842	115	118	119	rVV	824	1602	0.22%	0.042%
26	2.881	119	122	123	rVV	652	1314	0.18%	0.034%
27	2.920	123	126	127	rVV	3353	5257	0.73%	0.138%
28	2.940	127	128	131	rVV2	2863	4800	0.66%	0.126%
29	2.980	131	132	135	rVV	1115	2110	0.29%	0.055%
30	3.019	135	136	137	rVV	766	823	0.11%	0.022%
31	3.039	137	138	139	rVV	876	862	0.12%	0.023%
32	3.068	139	141	142	rVV	993	1261	0.17%	0.033%
33	3.098	142	144	145	rVV	703	863	0.12%	0.023%
34	3.127	145	147	148	rVV	715	1059	0.15%	0.028%
35	3.157	148	150	151	rVV	581	820	0.11%	0.022%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42181.D
Acq On : 26 Feb 2009 8:43
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

36	3.177	151	152	154	rVV	763	818	0.11%	0.021%
37	3.236	154	158	160	rVV	841	1742	0.24%	0.046%
38	3.275	160	162	164	rVV2	2806	3569	0.49%	0.094%
39	3.325	164	167	168	rVV	795	1352	0.19%	0.035%
40	3.364	168	171	172	rVV	2356	3821	0.53%	0.100%
41	3.403	172	175	176	rVV	641	1209	0.17%	0.032%
42	3.433	176	178	181	rVV	729	1409	0.20%	0.037%
43	3.512	181	186	189	rVV2	768	2329	0.32%	0.061%
44	3.561	189	191	192	rVV	427	666	0.09%	0.017%
45	3.581	192	193	197	rVV	550	1045	0.14%	0.027%
46	3.650	197	200	203	rVV	620	1560	0.22%	0.041%
47	3.709	203	206	208	rVV	539	1207	0.17%	0.032%
48	3.739	208	209	212	rVV	694	1084	0.15%	0.028%
49	3.798	212	215	217	rVV	904	1534	0.21%	0.040%
50	3.847	217	220	221	rVV	602	883	0.12%	0.023%
51	3.867	221	222	225	rVV	540	1044	0.14%	0.027%
52	3.916	225	227	228	rVV	539	815	0.11%	0.021%
53	3.945	228	230	232	rVV	494	985	0.14%	0.026%
54	3.985	232	234	236	rVV	549	1014	0.14%	0.027%
55	4.024	236	238	240	rVV	531	895	0.12%	0.023%
56	4.083	240	244	245	rVV	607	1125	0.16%	0.030%
57	4.123	245	248	251	rVV	4601	6143	0.85%	0.161%
58	4.182	253	254	255	rVV	511	358	0.05%	0.009%
59	4.231	255	259	269	rVV	130646	208611	28.89%	5.474%
60	4.340	269	270	273	rVV	452	847	0.12%	0.022%
61	4.389	273	275	278	rVV	475	872	0.12%	0.023%
62	4.448	278	281	286	rVV	120997	163954	22.71%	4.302%
63	4.527	288	289	291	rVV	619	746	0.10%	0.020%
64	4.566	291	293	295	rVV	569	741	0.10%	0.019%
65	4.606	295	297	300	rVB	268	384	0.05%	0.010%
66	4.665	300	303	314	rBV	400764	524112	72.58%	13.752%
67	4.793	314	316	319	rVV	748	1221	0.17%	0.032%
68	4.852	321	322	324	rVV	211	287	0.04%	0.008%
69	4.882	324	325	327	rVV	322	324	0.04%	0.009%
70	4.921	327	329	330	rVV	266	272	0.04%	0.007%
71	4.941	330	331	334	rVV	385	303	0.04%	0.008%
72	4.990	334	336	339	rVV	261	342	0.05%	0.009%
73	5.030	339	340	341	rVV	329	288	0.04%	0.008%
74	5.069	341	344	345	rVV	445	493	0.07%	0.013%
75	5.099	345	347	349	rVV	469	476	0.07%	0.012%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42181.D
Acq On : 26 Feb 2009 8:43
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

76	5.128	349	350	351	rVV	327	230	0.03%	0.006%
77	5.158	351	353	354	rVB	341	357	0.05%	0.009%
78	5.197	354	357	359	rBV	294	630	0.09%	0.017%
79	5.256	359	363	365	rVV	412	520	0.07%	0.014%
80	5.286	365	366	367	rVV	129	131	0.02%	0.003%
81	5.325	368	370	371	rVV	401	487	0.07%	0.013%
82	5.345	371	372	373	rVV	527	350	0.05%	0.009%
83	5.394	373	377	380	rVV2	547	1149	0.16%	0.030%
84	5.434	380	381	382	rVV	377	345	0.05%	0.009%
85	5.532	382	391	393	rVV3	4896	17920	2.48%	0.470%
86	5.562	393	394	396	rVV	4974	8490	1.18%	0.223%
87	5.621	396	400	410	rVV	510341	722080	100.00%	18.946%
88	5.729	410	411	416	rVV3	7275	23983	3.32%	0.629%
89	5.789	416	417	422	rVV4	6718	22545	3.12%	0.592%
90	5.848	422	423	427	rVV	8957	11911	1.65%	0.313%
91	5.897	427	428	430	rVV	792	1005	0.14%	0.026%
92	5.936	430	432	435	rVV2	1627	2569	0.36%	0.067%
93	5.976	435	436	439	rVV	669	1093	0.15%	0.029%
94	6.025	439	441	442	rVV2	362	462	0.06%	0.012%
95	6.045	442	443	445	rVV2	292	369	0.05%	0.010%
96	6.084	445	447	449	rVV	479	954	0.13%	0.025%
97	6.114	449	450	453	rVV	431	498	0.07%	0.013%
98	6.163	453	455	456	rVV	1526	1727	0.24%	0.045%
99	6.183	456	457	458	rVB	198	117	0.02%	0.003%
100	6.222	458	461	463	rBV	297	422	0.06%	0.011%
101	6.252	463	464	466	rVB	113	114	0.02%	0.003%
102	6.311	466	470	471	rBV	526	854	0.12%	0.022%
103	6.360	471	475	476	rVB	191	348	0.05%	0.009%
104	6.380	476	477	478	rBV	234	163	0.02%	0.004%
105	6.400	478	479	482	rVB	137	109	0.02%	0.003%
106	6.478	484	487	493	rVV	417879	617575	85.53%	16.204%
107	6.557	493	495	497	rVB	2025	2580	0.36%	0.068%
108	6.616	497	501	504	rBV	4418	5385	0.75%	0.141%
109	6.676	504	507	508	rVB	424	547	0.08%	0.014%
110	6.695	508	509	511	rBV	122	128	0.02%	0.003%
111	6.725	511	512	513	rVB	142	84	0.01%	0.002%
112	6.754	513	515	516	rBV	194	245	0.03%	0.006%
113	6.774	516	517	519	rVB	118	135	0.02%	0.004%
114	6.804	519	520	522	rVB	117	110	0.02%	0.003%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42181.D
Acq On : 26 Feb 2009 8:43
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

115	6.833	522	523	524	rBV	140	108	0.01%	0.003%
116	6.863	524	526	529	rBV2	2157	2014	0.28%	0.053%
117	6.902	529	530	531	rVB	246	146	0.02%	0.004%
118	6.961	531	536	537	rBV	389	860	0.12%	0.023%
119	6.981	537	538	540	rVB	440	331	0.05%	0.009%
120	7.020	540	542	543	rBV	242	205	0.03%	0.005%
121	7.050	543	545	547	rBV2	1526	2015	0.28%	0.053%
122	7.080	547	548	550	rVB	855	801	0.11%	0.021%
123	7.178	555	558	566	rVB	357915	519988	72.01%	13.644%
124	7.287	566	569	571	rBV	755	1253	0.17%	0.033%
125	7.326	571	573	577	rVB2	1249	1366	0.19%	0.036%
126	7.395	577	580	582	rBV3	1229	2237	0.31%	0.059%
127	7.425	582	583	585	rVB3	361	322	0.04%	0.008%
128	7.484	585	589	591	rBV3	1382	2576	0.36%	0.068%
129	7.523	591	593	594	rVB	1953	1506	0.21%	0.040%
130	7.563	594	597	598	rBV	133	234	0.03%	0.006%
131	7.582	598	599	600	rVB	379	224	0.03%	0.006%
132	7.602	600	601	603	rBV	996	1167	0.16%	0.031%
133	7.632	603	604	605	rBV	377	247	0.03%	0.006%
134	7.661	605	607	612	rVB	1056	2055	0.28%	0.054%
135	7.720	612	613	615	rVB	480	363	0.05%	0.010%
136	7.779	615	619	622	rBV2	1890	3108	0.43%	0.082%
137	7.858	622	627	628	rBV3	3804	6033	0.84%	0.158%
138	7.898	628	631	640	rVB	399379	660545	91.48%	17.332%
139	7.996	640	641	644	rVB	345	270	0.04%	0.007%
140	8.055	644	647	650	rBV	6669	12587	1.74%	0.330%
141	8.095	650	651	652	rVB	2360	1396	0.19%	0.037%
142	8.114	652	653	655	rVB2	1923	1772	0.25%	0.046%
143	8.164	655	658	660	rBV2	5193	7842	1.09%	0.206%
144	8.203	660	662	666	rVB3	3428	5500	0.76%	0.144%
145	8.252	666	667	671	rVB2	1620	1517	0.21%	0.040%
146	8.341	671	676	681	rVB3	8495	15591	2.16%	0.409%
147	8.400	681	682	685	rBV3	590	697	0.10%	0.018%
148	8.450	685	687	690	rVB	235	400	0.06%	0.010%
149	8.499	690	692	694	rVB	977	1397	0.19%	0.037%
150	8.548	694	697	699	rBV	466	684	0.09%	0.018%
151	8.597	699	702	706	rBV2	1981	3463	0.48%	0.091%
152	8.657	706	708	711	rVB2	2848	4196	0.58%	0.110%
153	8.696	711	712	713	rBV	369	419	0.06%	0.011%

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42181.D
Acq On : 26 Feb 2009 8:43
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

154	8.726	713	715	717	rBV	176	142	0.02%	0.004%
155	8.755	717	718	719	rVB	359	212	0.03%	0.006%
156	8.775	719	720	721	rBV	313	253	0.04%	0.007%
157	8.795	721	722	724	rVB	240	227	0.03%	0.006%
158	8.844	724	727	731	rBV	448	1096	0.15%	0.029%
159	8.893	731	732	735	rVB2	282	326	0.05%	0.009%
160	8.932	735	736	737	rVB	386	228	0.03%	0.006%
161	8.952	737	738	739	rBV	656	537	0.07%	0.014%
162	8.982	739	741	742	rBV	390	508	0.07%	0.013%
163	9.021	742	745	747	rVB2	375	503	0.07%	0.013%
164	9.100	747	753	754	rBV	337	1019	0.14%	0.027%
165	9.120	754	755	757	rVB2	345	391	0.05%	0.010%
166	9.159	757	759	761	rBV2	546	604	0.08%	0.016%
167	9.199	761	763	770	rBV2	4462	6689	0.93%	0.176%
168	9.297	770	773	775	rBV2	2501	2960	0.41%	0.078%
169	9.376	775	781	786	rBV2	4900	10650	1.47%	0.279%
170	9.445	786	788	789	rVB2	363	368	0.05%	0.010%
171	9.534	791	797	799	rBV2	5887	12140	1.68%	0.319%
172	9.603	799	804	808	rVB3	1248	2950	0.41%	0.077%
173	9.672	808	811	814	rBV4	3654	6464	0.90%	0.170%
174	9.721	814	816	818	rBV	1217	1547	0.21%	0.041%
175	9.790	820	823	824	rBV2	1320	2004	0.28%	0.053%
176	9.819	824	826	828	rBV2	491	994	0.14%	0.026%
177	9.849	828	829	830	rBV	239	143	0.02%	0.004%
178	9.879	830	832	836	rBV3	742	1767	0.24%	0.046%
179	9.938	836	838	839	rBV	601	757	0.10%	0.020%

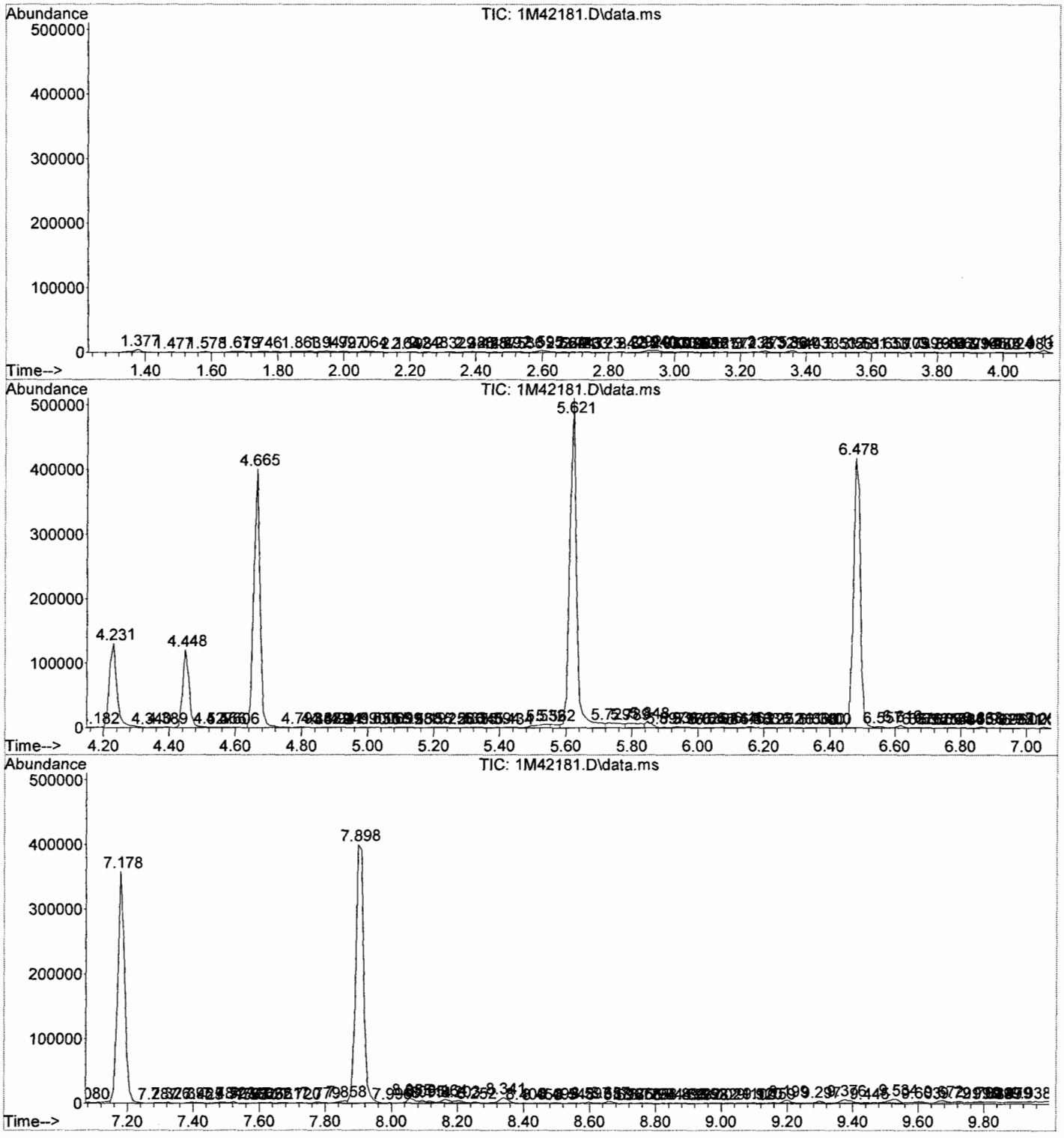
Sum of corrected areas: 3811167

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42181.D
Acq On : 26 Feb 2009 8:43
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Data File : 1M42181.D
Acq On : 26 Feb 2009 8:43
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form3

MBS Data

Method: 8260

Data File:==>					1M42130.D			1M42183.D										
Data/Batch/Sample ID:==>					MBS11391			MBS11399										
Date/Time:==>					02/25/09 10:34			02/26/09 09:17										
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1-Dichloroethane	14-127		1	0	42.72	50	85	43.33	50	87								
1,1-Dichloroethene	8-114		1	0	46.69	50	93	47.13	50	94								
1,2-Dichlorobenzen	19-113		1	0	44.89	50	90	45.57	50	91								
1,2-Dichloroethane	18-130		1	0	41.05	50	82	41.45	50	83								
1,4-Dichlorobenzen	20-110		1	0	47.41	50	95	47.24	50	94								
2-Butanone	4-141		1	0	46.23	50	92	49.08	50	98								
Benzene	21-122		1	0	41.14	50	82	42.87	50	86								
Carbon Tetrachlorid	19-122		1	0	56.57	50	113	56.4	50	113								
Chlorobenzene	21-117		1	0	41.95	50	84	42.23	50	84								
Chloroform	26-119		1	0	46.28	50	93	45.74	50	91								
n-Propylbenzene	16-122		1	0	52.96	50	106	53.08	50	106								
sec-Butylbenzene	9-125		1	0	55.08	50	110	55.11	50	110								
Tetrachloroethene	18-116		1	0	51.7	50	103	52.26	50	105								
Toluene	19-128		1	0	51.7	50	103	51.87	50	104								
Trichloroethene	21-116		1	0	46.62	50	93	47.63	50	95								
Vinyl Chloride	6-117		1	0	42.72	50	85	44.24	50	88								

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

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 1M42130.D
Acq On : 02/25/09 10:34

Operator : WP
Sam Mult : 1 Vial# : 10
Misc : S,5G

Qt Meth : 1M_S0223.M
Qt On : 02/25/09 10:57
Qt Upd On: 02/24/09 07:14

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.664	96	202818	30.00	ug/l	-0.01
45) Chlorobenzene-d5	6.477	117	166550	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.897	152	94999	30.00	ug/l	-0.02
System Monitoring Compounds						
30) Dibromofluoromethane	4.230	111	61721	33.12	ug/l	-0.01
Spiked Amount 30.000			Recovery =	110.40%		
32) 1,2-Dichloroethane-d4	4.447	102	10200	29.16	ug/l	-0.02
Spiked Amount 30.000			Recovery =	97.20%		
56) Toluene-d8	5.620	100	140203	29.36	ug/l	-0.01
Spiked Amount 30.000			Recovery =	97.87%		
64) Bromofluorobenzene	7.177	174	80818	29.86	ug/l	-0.02
Spiked Amount 30.000			Recovery =	99.53%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.495	51	232031	55.44	ug/l	84
3) Dichlorodifluoromethane	1.478	85	79803	41.96	ug/l	94
4) Chloromethane	1.629	50	82518	41.87	ug/l	91
5) Bromomethane	1.931	94	23803	41.80	ug/l	98
6) Vinyl Chloride	1.696	62	63100	42.72	ug/l	99
7) Chloroethane	1.998	64	35991	48.26	ug/l	98
8) Trichlorofluoromethane	2.199	101	137329	66.49	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.565	101	84319	65.13	ug/l	96
10) Methylene Chloride	2.919	84	93293	39.00	ug/l	94
11) Acrolein	2.486	56	26388	230.83	ug/l	97
12) Acrylonitrile	3.087	53	18612	33.45	ug/l	96
13) Iodomethane	2.693	142	145326	43.45	ug/l	67
14) Acetone	2.594	43	81991	180.72	ug/l	98
15) Carbon Disulfide	2.752	76	337564	49.37	ug/l	100
16) t-Butyl Alcohol	2.978	59	14147	175.60	ug/l	78
17) n-Hexane	3.353	57	105945	62.75	ug/l	86
18) Di-isopropyl-ether	3.501	45	319657	39.08	ug/l	88
19) 1,1-Dichloroethene	2.574	61	175099	46.69	ug/l	94
20) Methyl Acetate	2.831	43	47433	35.96	ug/l	100
21) Methyl-t-butyl ether	3.126	73	126858	39.24	ug/l	83
22) 1,1-Dichloroethane	3.461	63	211494	42.72	ug/l	99
23) trans-1,2-Dichloroethene	3.136	96	100380	49.68	ug/l	76
24) cis-1,2-Dichloroethene	3.905	61	196485	43.69	ug/l	93
25) Bromochloromethane	4.072	49	81572	30.57	ug/l	85
26) 2,2-Dichloropropane	3.915	77	149238	61.78	ug/l	93
27) 1,4-Dioxane	5.097	88	26589	1687.37	ug/l	84
28) 1,1-Dichloropropene	4.368	75	167204	52.70	ug/l	96
29) Chloroform	4.122	83	194990	46.28	ug/l	98
31) Cyclohexane	4.309	56	179207	56.90	ug/l	95
33) 1,2-Dichloroethane	4.496	62	133408	41.05	ug/l	99
34) 2-Butanone	3.905	43	26586	46.23	ug/l	89
35) 1,1,1-Trichloroethane	4.260	97	155871	52.77	ug/l	100
36) Carbon Tetrachloride	4.378	117	135893	56.57	ug/l	90
37) Vinyl Acetate	3.501	43	253143	36.56	ug/l	100
38) Bromodichloromethane	5.176	83	140483	41.16	ug/l	96
39) Methylcyclohexane	5.019	83	183477	64.42	ug/l	76
40) Dibromomethane	5.097	174	61722	37.73	ug/l	94
41) 1,2-Dichloropropane	5.019	63	103122	38.96	ug/l	87
42) Trichloroethene	4.891	130	116199	46.62	ug/l	95
43) Benzene	4.496	78	378042	41.14	ug/l	100
44) tert-Amyl methyl ether	4.555	73	143786	39.21	ug/l	77
46) Dibromochloromethane	6.122	129	89421	38.18	ug/l	96
47) 2-Chloroethylvinylether	5.344	63	33418	34.91	ug/l	93
48) cis-1,3-Dichloropropene	5.442	75	149846	39.97	ug/l	95
49) trans-1,3-Dichloropropene	5.758	75	127106	40.26	ug/l	100
50) 1,1,2-Trichloroethane	5.876	97	64196	36.98	ug/l	96
51) 1,2-Dibromoethane	6.211	107	67082	36.33	ug/l	89
52) 1,3-Dichloropropane	5.985	76	121075	36.59	ug/l	99
53) 4-Methyl-2-Pentanone	5.521	43	53040	34.23	ug/l	94
54) 2-Hexanone	6.004	43	37076	34.93	ug/l	98
55) Tetrachloroethene	5.994	164	107062	51.70	ug/l	98
57) Toluene	5.659	92	250291	51.70	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.536	133	95876	42.48	ug/l	95
59) Chlorobenzene	6.497	112	268934	41.95	ug/l	99
61) Bromoform	6.990	173	58021	35.70	ug/l	99
62) Ethylbenzene	6.546	106	110568	46.79	ug/l	93
63) 1,1,2,2-Tetrachloroethane	7.236	83	73007	35.08	ug/l	90
65) Styrene	6.862	104	276188	41.07	ug/l	96
66) m&p-Xylenes	6.615	106	349809	88.60	ug/l	99

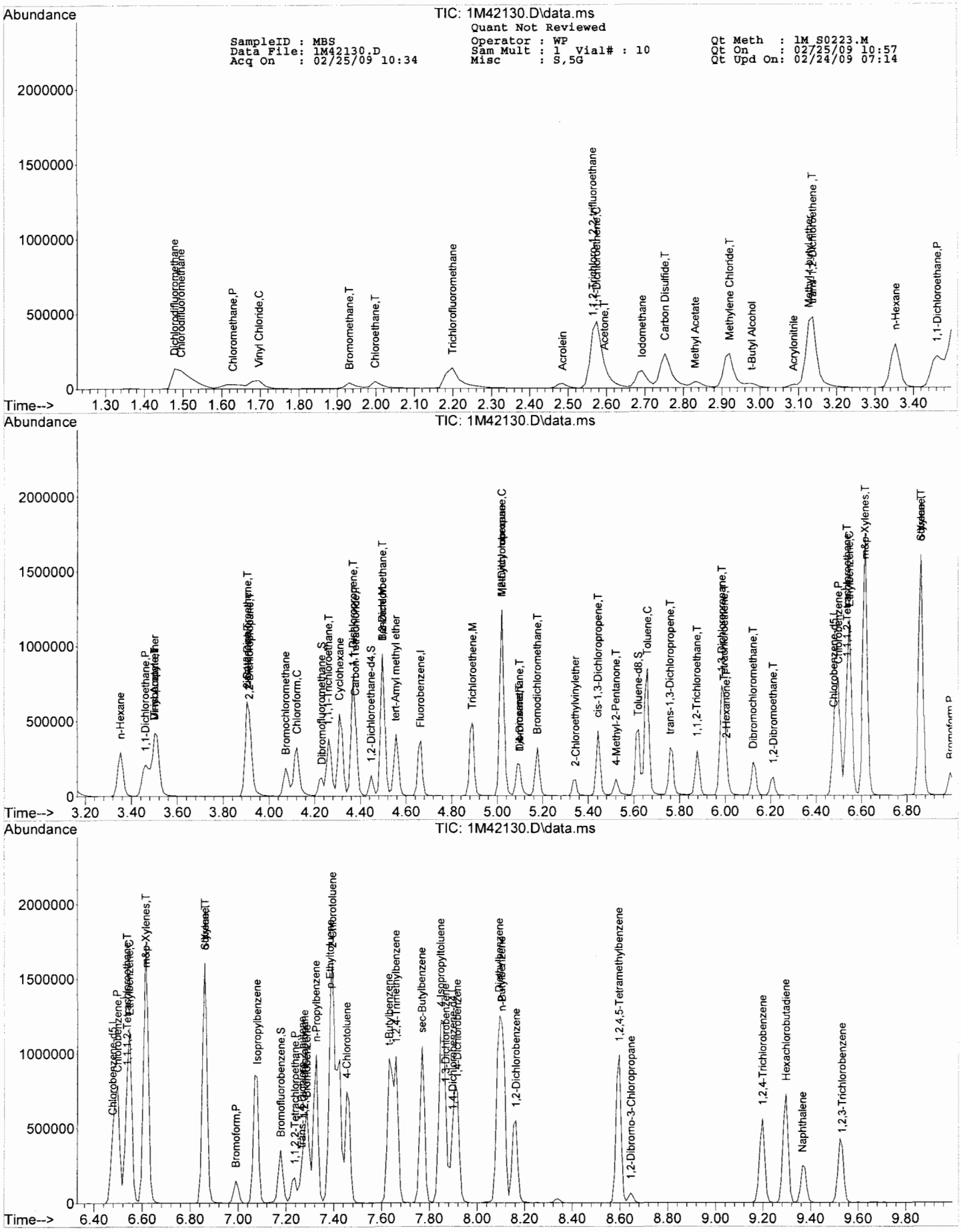
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42130.D Sam Mult : 1 Vial# : 10 Qt On : 02/25/09 10:57
Acq On : 02/25/09 10:34 Misc : S,5G Qt Upd On: 02/24/09 07:14

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-25-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.862	106	170966	42.46 ug/l	89
68) trans-1,4-Dichloro-2-b...	7.266	53	27410	40.30 ug/l	82
69) 1,3-Dichlorobenzene	7.867	146	228893	48.01 ug/l	96
70) 1,4-Dichlorobenzene	7.916	146	229313	47.41 ug/l	96
71) 1,2-Dichlorobenzene	8.163	146	205879	44.89 ug/l	96
72) Isopropylbenzene	7.079	105	468889	48.20 ug/l	98
74) 1,2,3-Trichloropropane	7.276	75	98118	38.27 ug/l	94
75) 2-Chlorotoluene	7.394	91	287744	48.02 ug/l	97
76) p-Ethyltoluene	7.384	105	541345	50.45 ug/l	93
77) 4-Chlorotoluene	7.453	91	254848	44.35 ug/l	97
78) n-Propylbenzene	7.325	91	591051	52.96 ug/l	95
79) Bromobenzene	7.285	77	248949	49.97 ug/l	91
81) t-Butylbenzene	7.630	119	409944	48.29 ug/l	93
82) 1,2,4-Trimethylbenzene	7.660	105	432553	47.25 ug/l	98
83) sec-Butylbenzene	7.768	105	552610	55.08 ug/l	99
84) 4-Isopropyltoluene	7.847	119	445309	57.09 ug/l	97
85) n-Butylbenzene	8.104	91	566507	68.33 ug/l	98
86) p-Diethylbenzene	8.094	119	301365	62.90 ug/l	98
87) 1,2,4,5-Tetramethylben...	8.596	119	467303	63.88 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.646	157	15380	33.25 ug/l	90
89) Hexachlorobutadiene	9.296	225	146438	62.17 ug/l	98
90) 1,2,4-Trichlorobenzene	9.197	180	163834	56.34 ug/l	99
91) 1,2,3-Trichlorobenzene	9.533	180	134624	52.97 ug/l	96
92) Naphthalene	9.365	128	181693	40.16 ug/l	100

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


Abundance
TIC: 1M42130.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 1M42130.D
Acq On : 02/25/09 10:34
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02725/09 10:57
Qt Upd On: 02/24/09 07:14
Time-->
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
Carbon Tetrachloride,T
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 1M42183.D
Acq On : 02/26/09 09:17

Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G

Qt Meth : 1M_S0223.M
Qt On : 02/26/09 11:59
Qt Upd On: 02/26/09 11:56

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.665	96	198834	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.478	117	169315	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.907	152	99222	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.231	111	60210	32.96	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.87%			
32) 1,2-Dichloroethane-d4	4.448	102	10351	30.18	ug/l	-0.02
Spiked Amount 30.000			Recovery = 100.60%			
56) Toluene-d8	5.621	100	137384	28.30	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.33%			
64) Bromofluorobenzene	7.178	174	83241	29.45	ug/l	-0.02
Spiked Amount 30.000			Recovery = 98.17%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.500	51	192557	46.93	ug/l	87
3) Dichlorodifluoromethane	1.483	85	70113	37.60	ug/l	97
4) Chloromethane	1.617	50	79667	41.24	ug/l	95
5) Bromomethane	1.935	94	23258	41.66	ug/l	91
6) Vinyl Chloride	1.684	62	64054	44.24	ug/l	97
7) Chloroethane	2.002	64	32931	45.04	ug/l	96
8) Trichlorofluoromethane	2.187	101	134423	66.38	ug/l	95
9) 1,1,2-Trichloro-1,2,2-...	2.565	101	83057	65.44	ug/l	95
10) Methylene Chloride	2.920	84	93029	39.66	ug/l	95
11) Acrolein	2.486	56	27133	242.10	ug/l	95
12) Acrylonitrile	3.088	53	20003	36.68	ug/l	99
13) Iodomethane	2.693	142	146701	44.74	ug/l	64
14) Acetone	2.595	43	81569	184.27	ug/l	96
15) Carbon Disulfide	2.753	76	335685	50.08	ug/l	100
16) t-Butyl Alcohol	2.979	59	16404	207.70	ug/l	93
17) n-Hexane	3.354	57	104611	63.21	ug/l	87
18) Di-isopropyl-ether	3.511	45	327069	40.78	ug/l	93
19) 1,1-Dichloroethene	2.575	61	173265	47.13	ug/l	99
20) Methyl Acetate	2.831	43	47221	36.52	ug/l	100
21) Methyl-t-butyl ether	3.127	73	127982	40.38	ug/l	83
22) 1,1-Dichloroethane	3.462	63	210288	43.33	ug/l	96
23) trans-1,2-Dichloroethene	3.137	96	100899	50.94	ug/l	76
24) cis-1,2-Dichloroethene	3.906	61	198216	44.96	ug/l	92
25) Bromochloromethane	4.073	49	83141	31.78	ug/l	82
26) 2,2-Dichloropropane	3.916	77	147058	62.10	ug/l	95
27) 1,4-Dioxane	5.098	88	29466	1907.41	ug/l	80
28) 1,1-Dichloropropene	4.369	75	166203	53.44	ug/l	97
29) Chloroform	4.123	83	188916	45.74	ug/l	97
31) Cyclohexane	4.310	56	184038	59.60	ug/l	93
33) 1,2-Dichloroethane	4.497	62	132074	41.45	ug/l	95
34) 2-Butanone	3.906	43	27671	49.08	ug/l	94
35) 1,1,1-Trichloroethane	4.261	97	153196	52.90	ug/l	96
36) Carbon Tetrachloride	4.379	117	132839	56.40	ug/l	90
37) Vinyl Acetate	3.502	43	260298	38.35	ug/l	100
38) Bromodichloromethane	5.177	83	140793	42.08	ug/l	97
39) Methylcyclohexane	5.019	83	185554	66.45	ug/l	75
40) Dibromomethane	5.098	174	63305	39.47	ug/l	94
41) 1,2-Dichloropropane	5.019	63	105564	40.69	ug/l	90
42) Trichloroethene	4.891	130	116390	47.63	ug/l	97
43) Benzene	4.497	78	386156	42.87	ug/l	100
44) tert-Amyl methyl ether	4.556	73	146887	40.86	ug/l	76
46) Dibromochloromethane	6.133	129	91751	38.54	ug/l	97
47) 2-Chloroethylvinylether	5.345	63	35850	36.84	ug/l	93
48) cis-1,3-Dichloropropene	5.443	75	154165	40.45	ug/l	99
49) trans-1,3-Dichloropropene	5.768	75	129620	40.38	ug/l	98
50) 1,1,2-Trichloroethane	5.877	97	67876	38.46	ug/l	95
51) 1,2-Dibromoethane	6.212	107	67333	35.87	ug/l	93
52) 1,3-Dichloropropane	5.985	76	124388	36.98	ug/l	97
53) 4-Methyl-2-Pentanone	5.522	43	54486	34.59	ug/l	95
54) 2-Hexanone	6.015	43	37476	34.73	ug/l	99
55) Tetrachloroethene	5.995	164	110015	52.26	ug/l	98
57) Toluene	5.660	92	255320	51.87	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.537	133	99587	43.40	ug/l	93
59) Chlorobenzene	6.498	112	275207	42.23	ug/l	100
61) Bromoform	6.991	173	59391	34.99	ug/l	97
62) Ethylbenzene	6.557	106	107784	43.67	ug/l	98
63) 1,1,2,2-Tetrachloroethane	7.237	83	78128	35.94	ug/l	87
65) Styrene	6.862	104	286860	40.84	ug/l	89
66) m&p-Xylenes	6.616	106	363553	88.16	ug/l	98

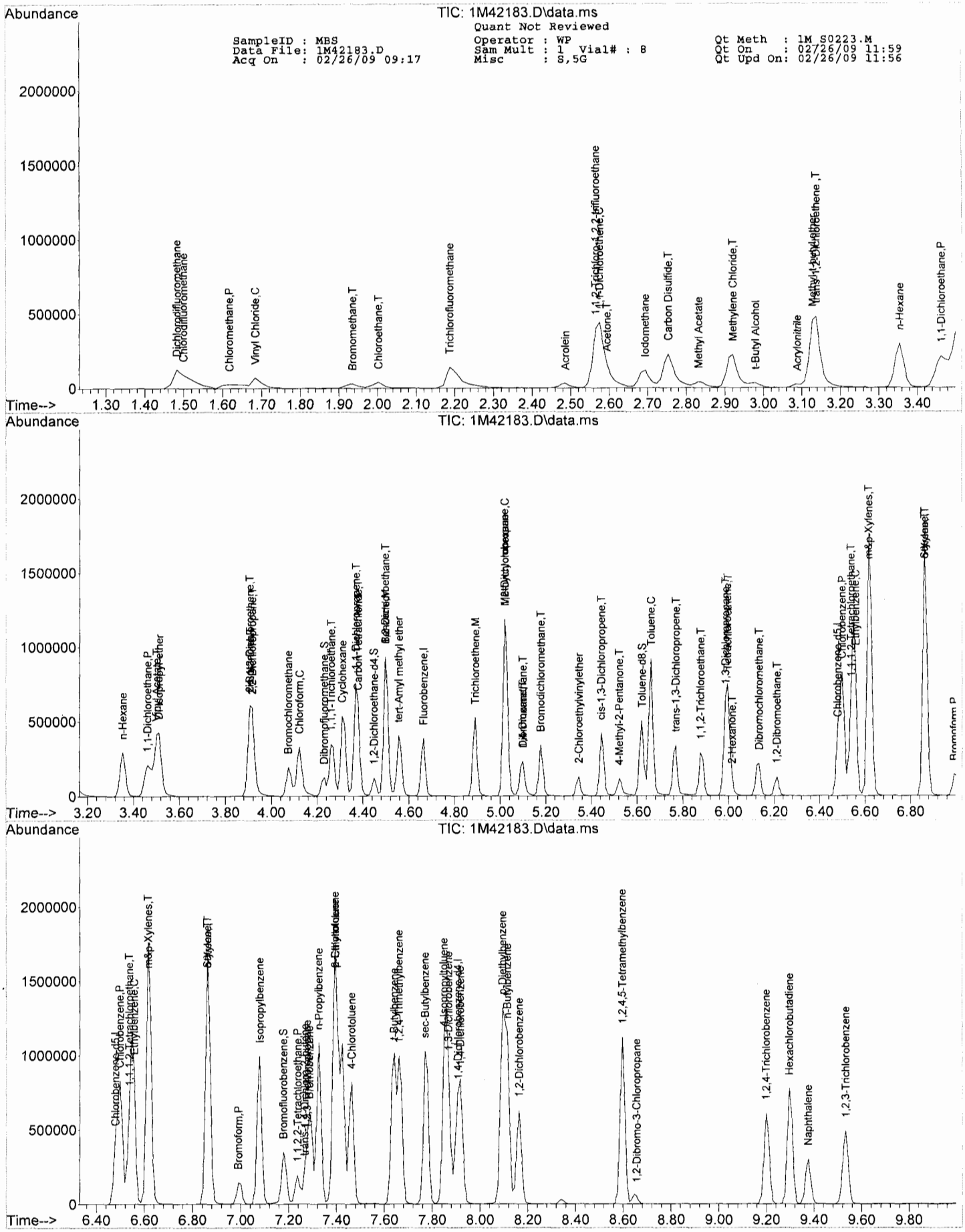
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M42183.D Sam Mult : 1 Vial# : 8 Qt On : 02/26/09 11:59
Acq On : 02/26/09 09:17 Misc : S,5G Qt Upd On: 02/26/09 11:56

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-26-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.862	106	179290	42.64 ug/l	88
68) trans-1,4-Dichloro-2-b...	7.267	53	28960	40.76 ug/l	80
69) 1,3-Dichlorobenzene	7.868	146	248233	49.85 ug/l	96
70) 1,4-Dichlorobenzene	7.917	146	238621	47.24 ug/l	96
71) 1,2-Dichlorobenzene	8.163	146	218262	45.57 ug/l	96
72) Isopropylbenzene	7.079	105	490016	46.34 ug/l	99
74) 1,2,3-Trichloropropane	7.276	75	102544	38.30 ug/l	92
75) 2-Chlorotoluene	7.395	91	277952	44.41 ug/l	97
76) p-Ethyltoluene	7.395	105	663074	59.16 ug/l	99
77) 4-Chlorotoluene	7.464	91	283072	47.16 ug/l	99
78) n-Propylbenzene	7.326	91	618737	53.08 ug/l	96
79) Bromobenzene	7.286	77	263807	50.70 ug/l	92
81) t-Butylbenzene	7.641	119	427135	48.18 ug/l	93
82) 1,2,4-Trimethylbenzene	7.661	105	455663	47.66 ug/l	97
83) sec-Butylbenzene	7.769	105	577530	55.11 ug/l	99
84) 4-Isopropyltoluene	7.848	119	464577	57.02 ug/l	96
85) n-Butylbenzene	8.114	91	599480	69.23 ug/l	98
86) p-Diethylbenzene	8.094	119	318754	63.70 ug/l	98
87) 1,2,4,5-Tetramethylben...	8.597	119	507667	66.44 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.656	157	16662	34.49 ug/l	97
89) Hexachlorobutadiene	9.297	225	158959	64.62 ug/l	98
90) 1,2,4-Trichlorobenzene	9.198	180	181011	59.60 ug/l	99
91) 1,2,3-Trichlorobenzene	9.533	180	154136	58.07 ug/l	97
92) Naphthalene	9.376	128	208892	44.21 ug/l	100

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


Abundance
TIC: 1M42183.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 1M42183.D
Acq On : 02/26/09 09:17
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/26/09 11:59
Qt Upd On: 02/26/09 11:56
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->

Form3

MBS Data

Method: 624

Data File:==>					6M38413.D														
Data/Batch/Sample ID:==>					MBS11379														
Date/Time:==>					02/24/09 12:09														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1,1-Trichloroethan		52-162	1	0	15.2	20	76												
1,1,2,2-Tetrachloroe		46-157	1	0	11.39	20	57												
1,1,2-Trichloroethan		52-150	1	0	13.9	20	69												
1,1-Dichloroethane		59-155	1	0	14.41	20	72												
1,1-Dichloroethene		1-234	1	0	13.63	20	68												
1,2-Dichlorobenzen		18-190	1	0	14.49	20	72												
1,2-Dichloroethane		49-155	1	0	14.83	20	74												
1,2-Dichloropropane		1-210	1	0	11.74	20	59												
1,3-Dichlorobenzen		59-156	1	0	15.92	20	80												
1,4-Dichlorobenzen		18-190	1	0	14.56	20	73												
2-Chloroethylvinylet		1-305	1	0	7.48	20	37												
Benzene		37-151	1	0	14.52	20	73												
Bromodichlorometh		35-155	1	0	13.59	20	68												
Bromoform		45-169	1	0	11.34	20	57												
Bromomethane		1-242	1	0	15.43	20	77												
Carbon Tetrachlorid		70-140	1	0	16	20	80												
Chlorobenzene		37-160	1	0	15.69	20	78												
Chloroethane		14-230	1	0	15.92	20	80												
Chloroform		51-138	1	0	15.08	20	75												
Chloromethane		1-273	1	0	9.83	20	49												
cis-1,3-Dichloroprop		1-227	1	0	9.53	20	48												
Dibromochlorometh		53-149	1	0	12.65	20	63												
Ethylbenzene		37-162	1	0	12.43	20	62												
Methylene Chloride		1-221	1	0	15.58	20	78												
Tetrachloroethene		64-148	1	0	18.93	20	95												
Toluene		47-150	1	0	14.55	20	73												
trans-1,2-Dichloroet		54-156	1	0	18.02	20	90												
trans-1,3-Dichloropr		17-183	1	0	9.07	20	45												
Trichloroethene		71-157	1	0	17.58	20	88												
Trichlorofluorometh		17-181	1	0	12.17	20	61												
Vinyl Chloride		1-251	1	0	11.91	20	60												

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

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M38413.D
Acq On : 02/24/09 12:09

Operator : WP
Sam Mult : 1 Vial# : 20
Misc : A,5ML

Qt Meth : 6M_A0206.M
Qt On : 02/24/09 12:40
Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.379	96	343709	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.937	117	244539	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	136471	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	115446	34.05	ug/l	0.00
Spiked Amount 30.000			Recovery =	113.50%		
32) 1,2-Dichloroethane-d4	4.181	67	61285	28.92	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.40%		
56) Toluene-d8	5.203	98	317416	27.61	ug/l	0.00
Spiked Amount 30.000			Recovery =	92.03%		
64) Bromofluorobenzene	6.538	174	151932	29.27	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.57%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.284	51	142160	21.98	ug/l	62
3) Dichlorodifluoromethane	1.273	85	43958	9.80	ug/l	88
4) Chloromethane	1.405	50	51034	9.83	ug/l	95
5) Bromomethane	1.705	94	27877	15.43	ug/l	76
6) Vinyl Chloride	1.474	62	41343	11.91	ug/l	92
7) Chloroethane	1.768	64	24806	15.92	ug/l	100
8) Trichlorofluoromethane	1.947	101	39795	12.17	ug/l	79
9) 1,1,2-Trichloro-1,2,2-...	2.316	101	26043	16.02	ug/l	91
10) Methylene Chloride	2.647	84	33006	15.58	ug/l	69
11) Acrolein	2.232	56	16149	95.34	ug/l	91
12) Acrylonitrile	2.821	53	11527	14.23	ug/l	97
13) Iodomethane	2.424	142	64155	17.49	ug/l	94
14) Acetone	2.340	43	65031	75.94	ug/l	98
15) Carbon Disulfide	2.478	76	86369	14.43	ug/l	100
16) t-Butyl Alcohol	2.713	59	14659	54.03	ug/l	76
17) n-Hexane	3.062	57	16179	11.77	ug/l	81
18) Di-isopropyl-ether	3.218	45	149720	12.03	ug/l	98
19) 1,1-Dichloroethene	2.310	61	52853	13.63	ug/l	96
20) Methyl Acetate	2.574	43	36901	11.08	ug/l	100
21) Methyl-t-butyl ether	2.851	73	86932	12.92	ug/l	93
22) 1,1-Dichloroethane	3.164	63	66119	14.41	ug/l	98
23) trans-1,2-Dichloroethene	2.857	96	30632	18.02	ug/l	97
24) cis-1,2-Dichloroethene	3.621	61	72377	12.45	ug/l	79
25) Bromochloromethane	3.802	49	35951	10.03	ug/l	95
26) 2,2-Dichloropropane	3.615	77	63580	15.14	ug/l	91
27) 1,4-Dioxane	4.764	88	25390	625.26	ug/l	80
28) 1,1-Dichloropropene	4.096	75	55669	12.76	ug/l	93
29) Chloroform	3.850	83	85749	15.08	ug/l	90
31) Cyclohexane	4.030	56	42248	9.16	ug/l	95
33) 1,2-Dichloroethane	4.229	62	73249	14.83	ug/l	88
34) 2-Butanone	3.627	43	19508	11.11	ug/l	89
35) 1,1,1-Trichloroethane	3.988	97	70219	15.20	ug/l	97
36) Carbon Tetrachloride	4.102	117	60580	16.00	ug/l	88
37) Vinyl Acetate	3.068	43	11127	9.46	ug/l	100
38) Bromodichloromethane	4.836	83	59854	13.59	ug/l	94
39) Methylcyclohexane	4.692	83	30665	9.79	ug/l	95
40) Dibromomethane	4.764	174	50183	18.28	ug/l	90
41) 1,2-Dichloropropane	4.692	63	41770	11.74	ug/l	88
42) Trichloroethene	4.584	130	50794	17.58	ug/l	89
43) Benzene	4.223	78	161574	14.52	ug/l	100
44) tert-Amyl methyl ether	4.283	73	105144	11.09	ug/l	94
46) Dibromochloromethane	5.636	129	49451	12.65	ug/l	92
47) 2-Chloroethylvinylether	4.981	63	17103	7.48	ug/l	88
48) cis-1,3-Dichloropropene	5.065	75	57652	9.53	ug/l	89
49) trans-1,3-Dichloropropene	5.335	75	50446	9.07	ug/l	99
50) 1,1,2-Trichloroethane	5.432	97	37524	13.90	ug/l	84
51) 1,2-Dibromoethane	5.708	107	41456	12.31	ug/l	89
52) 1,3-Dichloropropane	4.698	76	24381	13.56	ug/l	100
53) 4-Methyl-2-Pentanone	5.131	43	40862	7.21	ug/l	99
54) 2-Hexanone	5.546	43	23635	6.58	ug/l	86
55) Tetrachloroethene	5.522	164	43773	18.93	ug/l	98
57) Toluene	5.239	92	96235	14.55	ug/l	95
58) 1,1,1,2-Tetrachloroethane	5.985	133	45619	17.04	ug/l	84
59) Chlorobenzene	5.949	112	110294	15.69	ug/l	97
61) Bromoform	6.376	173	45598	11.34	ug/l	86
62) Ethylbenzene	5.997	106	43496	12.43	ug/l	96
63) 1,1,2,2-Tetrachloroethane	6.593	83	51717	11.39	ug/l	92
65) Styrene	6.268	104	105177	13.05	ug/l	93
66) m&p-Xylenes	6.057	106	117022	29.09	ug/l	93

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M38413.D
Acq On : 02/24/09 12:09

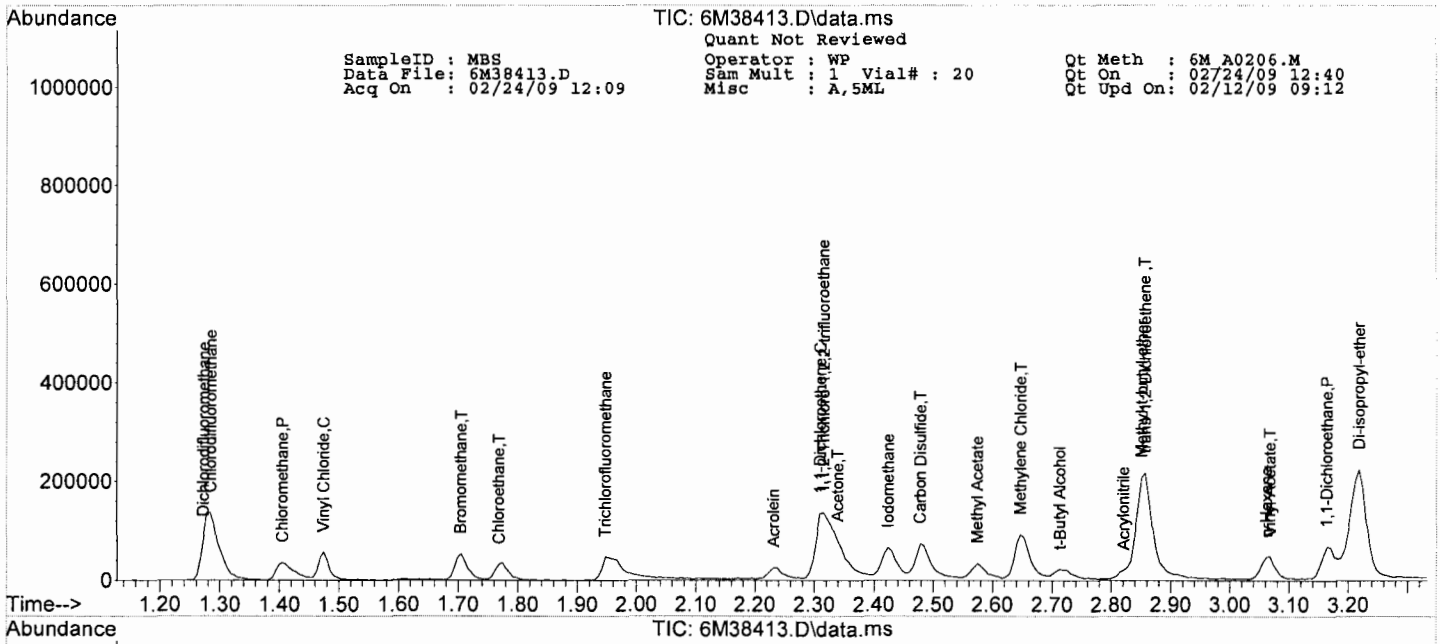
Operator : WP
Sam Mult : 1 Vial# : 20
Misc : A,5ML

Qt Meth : 6M_A0206.M
Qt On : 02/24/09 12:40
Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.262	106	58301	13.55 ug/l	78
68) trans-1,4-Dichloro-2-b...	6.623	53	15723	11.20 ug/l	33
69) 1,3-Dichlorobenzene	7.128	146	82155	15.92 ug/l	83
70) 1,4-Dichlorobenzene	7.176	146	91572	14.56 ug/l	83
71) 1,2-Dichlorobenzene	7.380	146	87776	14.49 ug/l	85
72) Isopropylbenzene	6.448	105	114625	12.22 ug/l	92
74) 1,2,3-Trichloropropane	6.623	75	59747	10.45 ug/l	93
75) 2-Chlorotoluene	6.725	91	113884	13.39 ug/l	97
76) p-Ethyltoluene	6.725	105	132499	15.81 ug/l	84
77) 4-Chlorotoluene	6.779	91	108211	10.56 ug/l	91
78) n-Propylbenzene	6.665	91	140801	13.31 ug/l	94
79) Bromobenzene	6.629	77	97786	10.93 ug/l	80
80) 1,3,5-Trimethylbenzene	6.749	105	107384	12.81 ug/l	91
81) t-Butylbenzene	6.929	119	89088	14.16 ug/l	80
82) 1,2,4-Trimethylbenzene	6.959	105	107939	12.73 ug/l	88
83) sec-Butylbenzene	7.050	105	101653	13.56 ug/l	94
84) 4-Isopropyltoluene	7.122	119	87637	14.60 ug/l	88
85) n-Butylbenzene	7.350	91	97282	12.87 ug/l	76
86) p-Diethylbenzene	7.332	119	52564	13.82 ug/l	93
87) 1,2,4,5-Tetramethylben...	7.771	119	92031	12.19 ug/l	88
88) 1,2-Dibromo-3-Chloropr...	7.808	157	13040	10.05 ug/l	57
89) Hexachlorobutadiene	8.379	225	34295	9.58 ug/l	98
90) 1,2,4-Trichlorobenzene	8.295	180	46376	12.03 ug/l	94
91) 1,2,3-Trichlorobenzene	8.578	180	50094	12.76 ug/l	96
92) Naphthalene	8.439	128	106420	10.46 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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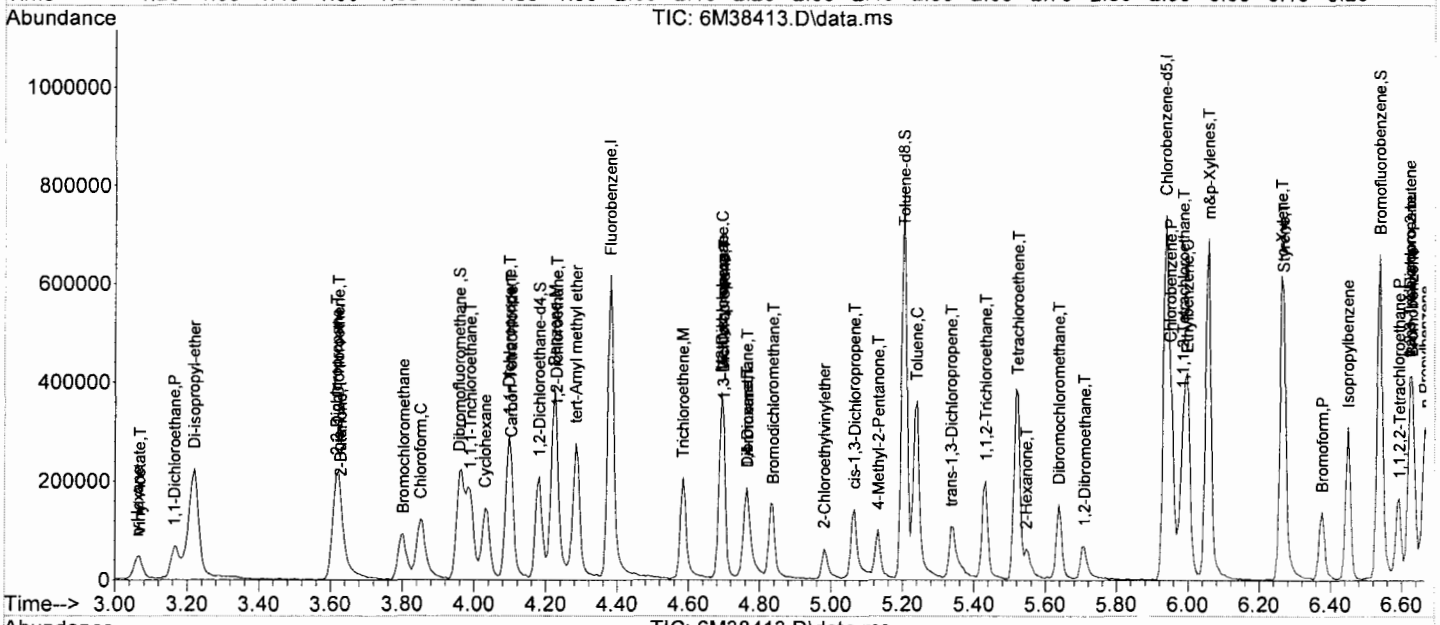
Operator : WP
Sam Mult : 1 Vial# : 20
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02/24/09 12:40
Qt Upd On: 02/12/09 09:12
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
1,1-Dichloroethane,P
Di-isopropyl-ether
Time-->


Abundance
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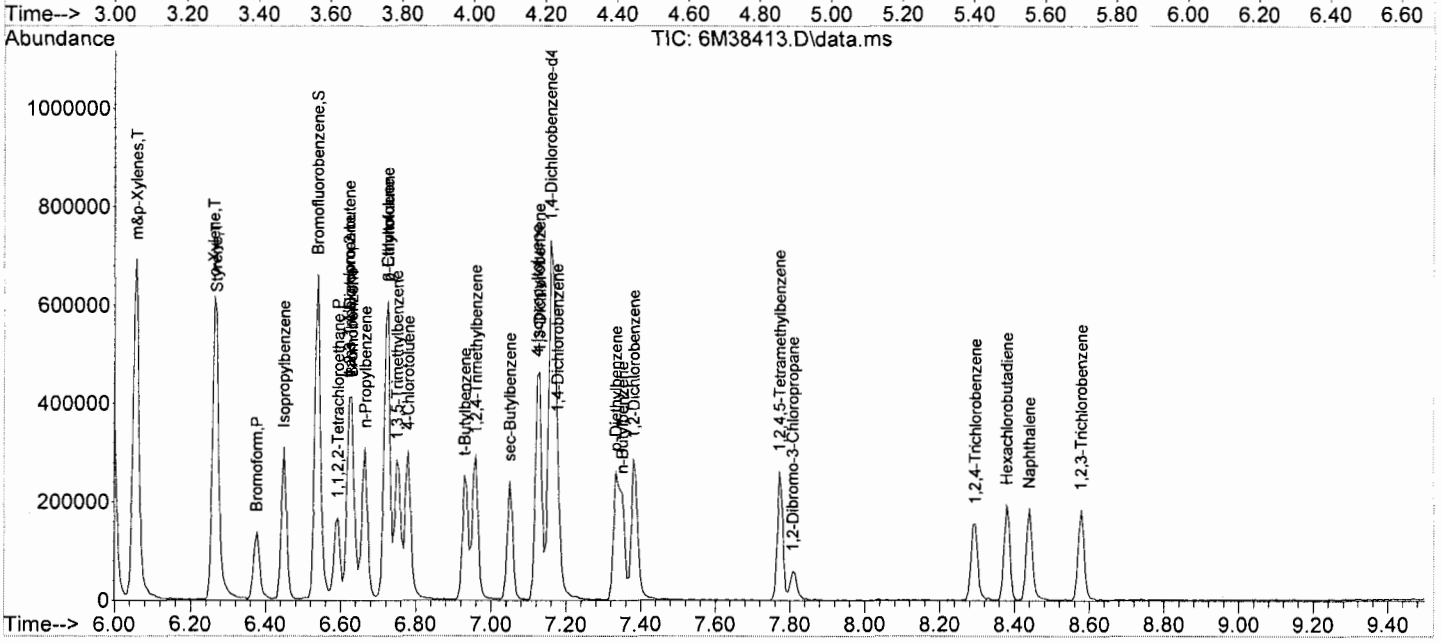
1,1-Dichloroethane,P
Di-isopropyl-ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Time-->


Abundance
TIC: 6M38413.D\data.ms
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

FORM 3

Spike Recovery

Batch Number: MBS11368
Mbs Name: MBS11368
Ns Name: AC42831-003
Ms Name: AC42831-003(MS)
Msd Name: AC42831-003(MSD

Mbs File: 6M38357.D
Non Spk'd File: 6M38319.D
Spike File: 6M38368.D
Spike Dup File: 6M38369.D
Matrix: Aqueous
Method: EPA 624

Mbs Date: 02/23/09 14:02
Non Spk'd Date: 02/20/09 18:09
Spike Date : 02/23/09 16:55
Spike Dup Date: 02/23/09 17:11

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Chloromethane	4	1	0	20	1	273	66	10.06	0.00	10.59	9.77	50	53	49	8.1
Bromomethane	5	1	0	20	1	242	42	14.80	0.00	14.75	13.81	74	74	69	6.6
Vinyl Chloride	6	1	0	20	1	251	30	12.21	0.00	12.27	11.78	61	61	59	4.1
Chloroethane	7	1	0	20	14	230	50	17.06	0.00	16.13	14.85	85	81	74	8.3
Trichlorofluoromethan	8	1	0	20	17	181	41	11.95	0.00	11.32	11.34	60	57	57	0.18
Methylene Chloride	10	1	0	20	1	221	38	14.34	0.00	15.86	14.97	72	79	75	5.8
1,1-Dichloroethene	19	1	0	20	1	234	34	13.22	0.00	14.24	13.03	66	71	65	8.9
1,1-Dichloroethane	22	1	0	20	59	155	30	14.12	0.00	14.65	14.10	71	73	71	3.8
trans-1,2-Dichloroeth	23	1	0	20	54	156	48	16.83	0.00	18.09	16.32	84	90	82	10
Chloroform	29	1	0	20	51	138	37	14.82	0.00	14.37	14.15	74	72	71	1.5
1,2-Dichloroethane	33	1	0	20	49	155	34	13.39	0.00	14.36	13.64	67	72	68	5.1
1,1,1-Trichloroethane	35	1	0	20	52	162	33	14.30	0.00	14.19	13.90	72	71	69	2.1
Carbon Tetrachloride	36	1	0	20	70	140	32	15.13	0.00	15.40	15.56	76	77	78	1
Bromodichloromethan	38	1	0	20	35	155	30	13.09	0.00	13.68	12.60	65	68	63	8.2
1,2-Dichloropropane	41	1	0	20	1	210	30	12.50	0.00	12.66	12.39	62	63	62	2.2
Trichloroethene	42	1	0	20	71	157	30	17.08	0.00	16.87	17.39	85	84	87	3
Benzene	43	1	0	20	37	151	29	14.80	0.00	14.63	14.83	74	73	74	1.4
Dibromochloromethan	46	1	0	20	53	149	30	12.51	0.00	12.68	13.32	63	63	67	4.9
2-Chloroethylvinylethe	47	1	0	20	1	305	40	7.80	0.00	0.00	0.00	39	0 Mo	0 Mo	NA^
cis-1,3-Dichloroprope	48	1	0	20	1	227	34	9.38	0.00	8.86	8.54	47	44	43	3.7
trans-1,3-Dichloropro	49	1	0	20	17	183	31	8.98	0.00	8.52	8.88	45	43	44	4.1
1,1,2-Trichloroethane	50	1	0	20	52	150	37	13.57	0.00	13.91	14.62	68	70	73	5
Tetrachloroethene	55	1	0	20	64	148	27	18.73	0.00	18.69	18.17	94	93	91	2.8
Toluene	57	1	0	20	47	150	33	14.68	0.00	15.13	14.24	73	76	71	6.1
Chlorobenzene	59	1	0	20	37	160	30	15.45	0.00	15.55	15.54	77	78	78	0.06
Bromoform	61	1	0	20	45	169	30	10.90	0.00	11.17	11.36	54	56	57	1.7
Ethylbenzene	62	1	0	20	37	162	41	13.20	0.00	12.98	12.91	66	65	65	0.54
1,1,2,2-Tetrachloroeth	63	1	0	20	46	157	29	11.60	0.00	11.18	11.42	58	56	57	2.1
1,3-Dichlorobenzene	69	1	0	20	59	156	30	15.37	0.00	16.09	15.67	77	80	78	2.6
1,4-Dichlorobenzene	70	1	0	20	18	190	30	13.79	0.00	14.25	13.77	69	71	69	3.4
1,2-Dichlorobenzene	71	1	0	20	18	190	34	14.37	0.00	14.65	14.20	72	73	71	3.1

Note:

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

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

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M38357.D
Acq On : 02/23/09 14:02

Operator : WP
Sam Mult : 1 Vial# : 22
Misc : A,5ML

Qt Meth : 6M_A0206.M
Qt On : 02/23/09 14:28
Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.386	96	382755	30.00	ug/l	0.01
45) Chlorobenzene-d5	5.944	117	270642	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.165	152	150206	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.971	111	122939	32.56	ug/l	0.02
Spiked Amount 30.000			Recovery = 108.53%			
32) 1,2-Dichloroethane-d4	4.187	67	65454	27.74	ug/l	0.01
Spiked Amount 30.000			Recovery = 92.47%			
56) Toluene-d8	5.210	98	347751	27.33	ug/l	0.01
Spiked Amount 30.000			Recovery = 91.10%			
64) Bromofluorobenzene	6.545	174	171129	29.95	ug/l	0.01
Spiked Amount 30.000			Recovery = 99.83%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.287	51	139296	19.34	ug/l	66
3) Dichlorodifluoromethane	1.276	85	48090	9.63	ug/l	78
4) Chloromethane	1.408	50	58182	10.06	ug/l	92
5) Bromomethane	1.714	94	29774	14.80	ug/l	94
6) Vinyl Chloride	1.478	62	47178	12.21	ug/l	96
7) Chloroethane	1.777	64	29611	17.06	ug/l	96
8) Trichlorofluoromethane	1.968	101	43520	11.95	ug/l	76
9) 1,1,2-Trichloro-1,2,2-...	2.323	101	26897	14.85	ug/l	87
10) Methylene Chloride	2.659	84	33818	14.34	ug/l	74
11) Acrolein	2.238	56	16868	89.43	ug/l	87
12) Acrylonitrile	2.834	53	14196	15.74	ug/l	80
13) Iodomethane	2.431	142	68394	16.74	ug/l	83
14) Acetone	2.341	43	78192	81.99	ug/l	97
15) Carbon Disulfide	2.491	76	94249	14.14	ug/l	100
16) t-Butyl Alcohol	2.726	59	18409	60.93	ug/l	86
17) n-Hexane	3.074	57	18516	12.09	ug/l	87
18) Di-isopropyl-ether	3.225	45	171747	12.40	ug/l	97
19) 1,1-Dichloroethene	2.323	61	57087	13.22	ug/l	94
20) Methyl Acetate	2.581	43	46691	12.59	ug/l	100
21) Methyl-t-butyl ether	2.864	73	91678	12.23	ug/l	87
22) 1,1-Dichloroethane	3.183	63	72163	14.12	ug/l	94
23) trans-1,2-Dichloroethene	2.870	96	31862	16.83	ug/l	97
24) cis-1,2-Dichloroethene	3.628	61	85863	13.26	ug/l	86
25) Bromochloromethane	3.802	49	41178	10.32	ug/l	97
26) 2,2-Dichloropropane	3.628	77	65563	14.02	ug/l	93
27) 1,4-Dioxane	4.771	88	27676	612.03	ug/l	84
28) 1,1-Dichloropropene	4.103	75	64944	13.37	ug/l	95
29) Chloroform	3.856	83	93808	14.82	ug/l	79
31) Cyclohexane	4.037	56	54621	10.63	ug/l	91
33) 1,2-Dichloroethane	4.229	62	73622	13.39	ug/l	91
34) 2-Butanone	3.634	43	25226	12.90	ug/l	98
35) 1,1,1-Trichloroethane	3.995	97	73561	14.30	ug/l	95
36) Carbon Tetrachloride	4.109	117	63802	15.13	ug/l	87
37) Vinyl Acetate	3.074	43	13873	10.60	ug/l	100
38) Bromodichloromethane	4.837	83	64180	13.09	ug/l	95
39) Methylcyclohexane	4.699	83	33415	9.57	ug/l	99
40) Dibromomethane	4.771	174	56529	18.49	ug/l	91
41) 1,2-Dichloropropane	4.699	63	49501	12.50	ug/l	90
42) Trichloroethene	4.590	130	54976	17.08	ug/l	92
43) Benzene	4.229	78	183369	14.80	ug/l	100
44) tert-Amyl methyl ether	4.289	73	122420	11.59	ug/l	92
46) Dibromochloromethane	5.643	129	54136	12.51	ug/l	94
47) 2-Chloroethylvinylether	4.987	63	19744	7.80	ug/l	84
48) cis-1,3-Dichloropropene	5.065	75	62805	9.38	ug/l	86
49) trans-1,3-Dichloropropene	5.348	75	55258	8.98	ug/l	99
50) 1,1,2-Trichloroethane	5.438	97	40539	13.57	ug/l	87
51) 1,2-Dibromoethane	5.715	107	41018	11.01	ug/l	88
52) 1,3-Dichloropropane	4.705	76	26032	13.08	ug/l	95
53) 4-Methyl-2-Pentanone	5.132	43	50302	8.01	ug/l	93
54) 2-Hexanone	5.553	43	30732	7.73	ug/l	95
55) Tetrachloroethene	5.529	164	47926	18.73	ug/l	92
57) Toluene	5.246	92	107440	14.68	ug/l	93
58) 1,1,1,2-Tetrachloroethane	5.992	133	49608	16.74	ug/l	80
59) Chlorobenzene	5.956	112	120202	15.45	ug/l	97
61) Bromoform	6.383	173	48225	10.90	ug/l	96
62) Ethylbenzene	6.004	106	50864	13.20	ug/l	84
63) 1,1,2,2-Tetrachloroethane	6.593	83	57964	11.60	ug/l	89
65) Styrene	6.274	104	114515	12.91	ug/l	95
66) m&p-Xylenes	6.058	106	123414	27.88	ug/l	92

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M38357.D
Acq On : 02/23/09 14:02

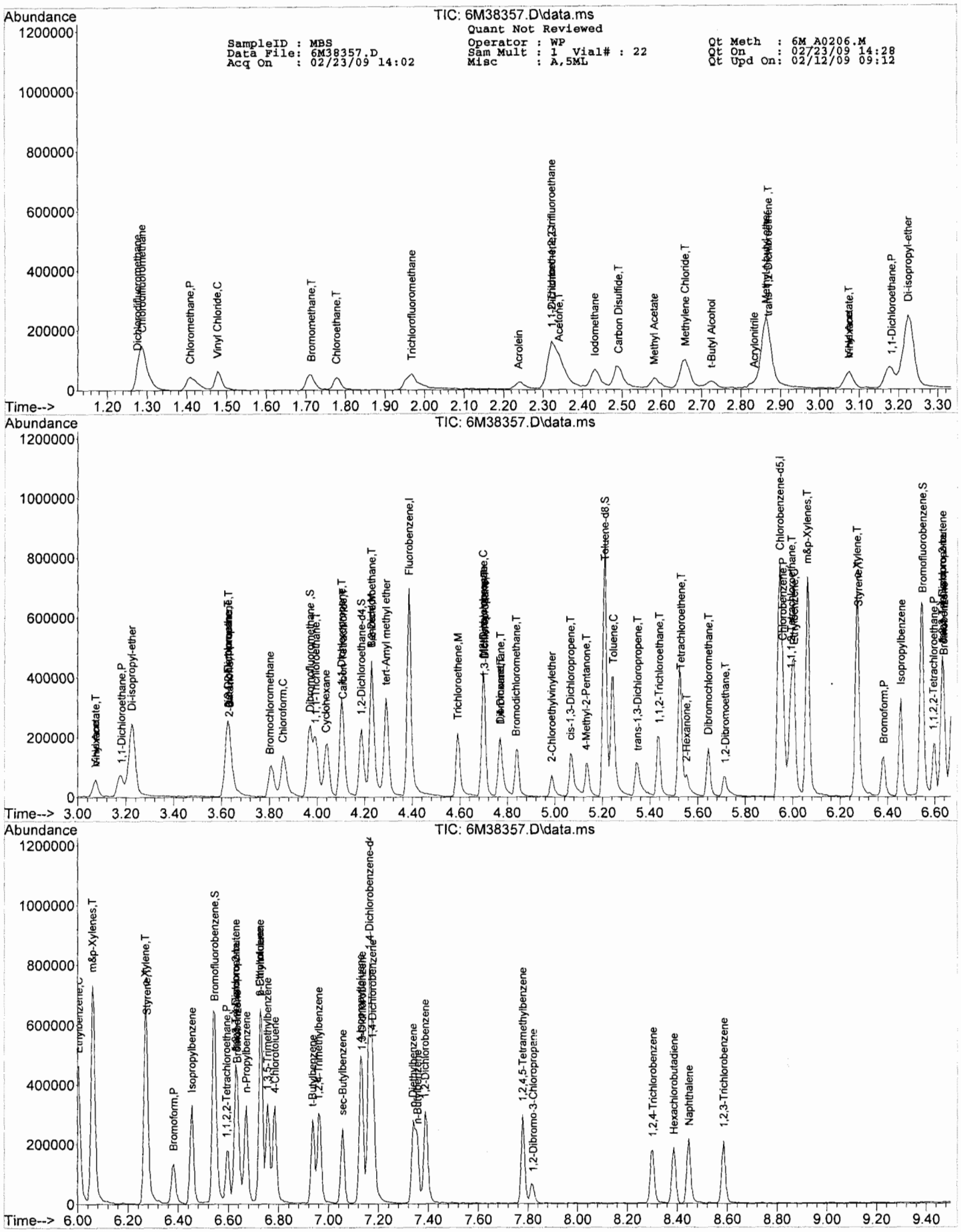
Operator : WP
Sam Mult : 1 Vial# : 22
Misc : A,5ML

Qt Meth : 6M_A0206.M
Qt On : 02/23/09 14:28
Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.268	106	63076	13.32 ug/l	77
68) trans-1,4-Dichloro-2-b...	6.629	53	14108	9.13 ug/l	61
69) 1,3-Dichlorobenzene	7.135	146	87305	15.37 ug/l	84
70) 1,4-Dichlorobenzene	7.177	146	95431	13.79 ug/l	87
71) 1,2-Dichlorobenzene	7.387	146	95821	14.37 ug/l	85
72) Isopropylbenzene	6.455	105	125835	12.19 ug/l	92
74) 1,2,3-Trichloropropane	6.629	75	66169	10.51 ug/l	90
75) 2-Chlorotoluene	6.726	91	120845	12.91 ug/l	95
76) p-Ethyltoluene	6.726	105	145083	15.73 ug/l	85
77) 4-Chlorotoluene	6.786	91	116215	10.31 ug/l	89
78) n-Propylbenzene	6.671	91	149269	12.82 ug/l	94
79) Bromobenzene	6.635	77	106257	10.79 ug/l	81
80) 1,3,5-Trimethylbenzene	6.756	105	117585	12.75 ug/l	89
81) t-Butylbenzene	6.936	119	94709	13.68 ug/l	83
82) 1,2,4-Trimethylbenzene	6.960	105	117106	12.54 ug/l	87
83) sec-Butylbenzene	7.056	105	103459	12.54 ug/l	92
84) 4-Isopropyltoluene	7.129	119	92395	13.98 ug/l	88
85) n-Butylbenzene	7.357	91	97754	11.75 ug/l	78
86) p-Diethylbenzene	7.339	119	54722	13.07 ug/l	92
87) 1,2,4,5-Tetramethylben...	7.778	119	100201	12.06 ug/l	87
88) 1,2-Dibromo-3-Chloropr...	7.820	157	15134	10.60 ug/l	49
89) Hexachlorobutadiene	8.386	225	33424	8.47 ug/l	97
90) 1,2,4-Trichlorobenzene	8.302	180	49618	11.69 ug/l	95
91) 1,2,3-Trichlorobenzene	8.584	180	50895	11.78 ug/l	95
92) Naphthalene	8.446	128	116284	10.39 ug/l	100

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


Abundance
TIC: 6M38357.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M38357.D
Acq On : 02/23/09 14:02
Operator : WP
Sam Mult : 1 Vial# : 22
Misc : A,5ML
Qt Meth : 6M_A0206.M
Qt On : 02/23/09 14:28
Qt Upd On: 02/12/09 09:12
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42831-003(MS) Operator : WP Qt Meth : 6M_A0206.M
Data File: 6M38368.D Sam Mult : 1 Vial# : 33 Qt On : 02/24/09 06:49
Acq On : 02/23/09 16:55 Misc : A,5ML!5 Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.385	96	375724	30.00	ug/l	0.01
45) Chlorobenzene-d5	5.943	117	268811	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.164	152	149417	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.970	111	117044	31.58	ug/l	0.02
Spiked Amount 30.000			Recovery =	105.27%		
32) 1,2-Dichloroethane-d4	4.187	67	61906	26.73	ug/l	0.01
Spiked Amount 30.000			Recovery =	89.10%		
56) Toluene-d8	5.209	98	345343	27.33	ug/l	0.01
Spiked Amount 30.000			Recovery =	91.10%		
64) Bromofluorobenzene	6.545	174	165161	29.06	ug/l	0.01
Spiked Amount 30.000			Recovery =	96.87%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.287	51	144036	20.38	ug/l	65
3) Dichlorodifluoromethane	1.275	85	48342	9.86	ug/l	86
4) Chloromethane	1.402	50	60094	10.59	ug/l	97
5) Bromomethane	1.708	94	29125	14.75	ug/l	73
6) Vinyl Chloride	1.477	62	46546	12.27	ug/l	94
7) Chloroethane	1.777	64	27476	16.13	ug/l	99
8) Trichlorofluoromethane	1.967	101	40460	11.32	ug/l	87
9) 1,1,2-Trichloro-1,2,2-...	2.322	101	29539	16.62	ug/l	88
10) Methylene Chloride	2.653	84	36731	15.86	ug/l	78
11) Acrolein	2.238	56	17946	96.92	ug/l	92
12) Acrylonitrile	2.833	53	12615	14.24	ug/l	98
13) Iodomethane	2.430	142	68383	17.05	ug/l	90
14) Acetone	2.340	43	68398	73.07	ug/l	96
15) Carbon Disulfide	2.490	76	96325	14.72	ug/l	100
16) t-Butyl Alcohol	2.719	59	16300	54.96	ug/l	99
17) n-Hexane	3.074	57	17661	11.75	ug/l	89
18) Di-isopropyl-ether	3.224	45	172492	12.68	ug/l	97
19) 1,1-Dichloroethene	2.322	61	60333	14.24	ug/l	97
20) Methyl Acetate	2.581	43	43593	11.97	ug/l	100
21) Methyl-t-butyl ether	2.857	73	94072	12.79	ug/l	88
22) 1,1-Dichloroethane	3.176	63	73489	14.65	ug/l	96
23) trans-1,2-Dichloroethene	2.869	96	33617	18.09	ug/l	88
24) cis-1,2-Dichloroethene	3.621	61	64253	10.11	ug/l	95
25) Bromochloromethane	3.802	49	41259	10.53	ug/l	91
26) 2,2-Dichloropropane	3.627	77	46273	10.08	ug/l	94
27) 1,4-Dioxane	4.770	88	27464	618.71	ug/l	93
28) 1,1-Dichloropropene	4.102	75	63839	13.38	ug/l	99
29) Chloroform	3.856	83	89301	14.37	ug/l	88
31) Cyclohexane	4.042	56	49647	9.84	ug/l	97
33) 1,2-Dichloroethane	4.229	62	77535	14.36	ug/l	91
34) 2-Butanone	3.627	43	24834	12.94	ug/l	81
35) 1,1,1-Trichloroethane	3.994	97	71652	14.19	ug/l	98
36) Carbon Tetrachloride	4.102	117	63733	15.40	ug/l	92
37) Vinyl Acetate	3.068	43	13912	10.83	ug/l	100
38) Bromodichloromethane	4.836	83	65887	13.68	ug/l	89
39) Methylcyclohexane	4.698	83	34216	9.99	ug/l	97
40) Dibromomethane	4.770	174	56453	18.81	ug/l	95
41) 1,2-Dichloropropane	4.698	63	49232	12.66	ug/l	91
42) Trichloroethene	4.590	130	53289	16.87	ug/l	94
43) Benzene	4.229	78	177996	14.63	ug/l	100
44) tert-Amyl methyl ether	4.289	73	118246	11.40	ug/l	91
46) Dibromochloromethane	5.642	129	54506	12.68	ug/l	94
48) cis-1,3-Dichloropropene	5.065	75	58928	8.86	ug/l	88
49) trans-1,3-Dichloropropene	5.342	75	52081	8.52	ug/l	95
50) 1,1,2-Trichloroethane	5.432	97	41277	13.91	ug/l	87
51) 1,2-Dibromoethane	5.708	107	44180	11.94	ug/l	95
52) 1,3-Dichloropropane	4.704	76	24899	12.60	ug/l	94
53) 4-Methyl-2-Pentanone	5.137	43	47177	7.57	ug/l	93
54) 2-Hexanone	5.552	43	29095	7.37	ug/l	87
55) Tetrachloroethene	5.528	164	47497	18.69	ug/l	96
57) Toluene	5.245	92	109948	15.13	ug/l	98
58) 1,1,1,2-Tetrachloroethane	5.991	133	47371	16.09	ug/l	65
59) Chlorobenzene	5.955	112	120153	15.55	ug/l	99
61) Bromoform	6.382	173	49158	11.17	ug/l	99
62) Ethylbenzene	6.003	106	49744	12.98	ug/l	94
63) 1,1,2,2-Tetrachloroethane	6.593	83	55595	11.18	ug/l	93
65) Styrene	6.274	104	112865	12.79	ug/l	90
66) m&p-Xylenes	6.057	106	127578	28.97	ug/l	95
67) o-Xylene	6.268	106	63641	13.51	ug/l	76

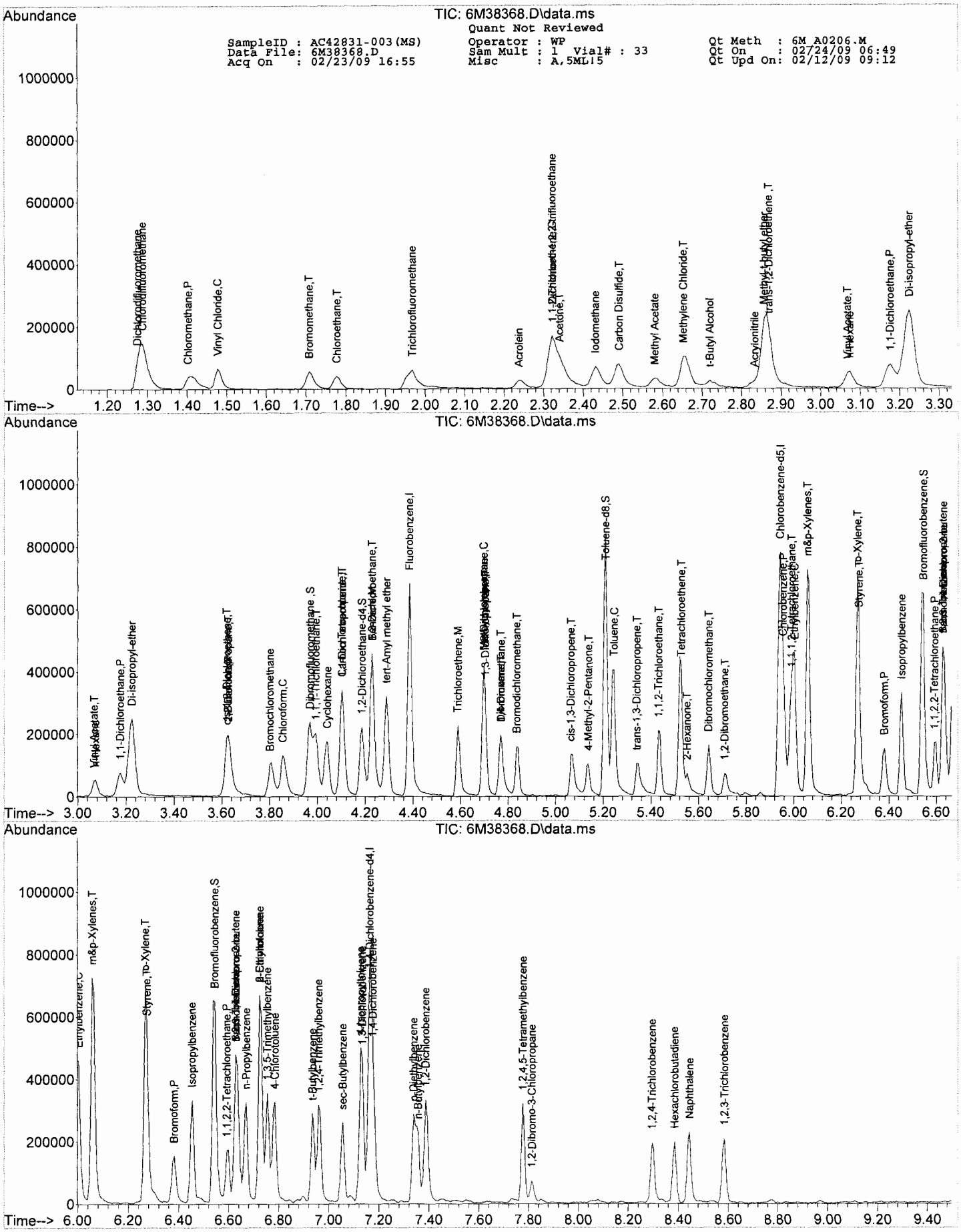
Quantitation Report (Not Reviewed)

SampleID : AC42831-003(MS) Operator : WP Qt Meth : 6M_A0206.M
Data File: 6M38368.D Sam Mult : 1 Vial# : 33 Qt On : 02/24/09 06:49
Acq On : 02/23/09 16:55 Misc : A,5ML!5 Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	trans-1,4-Dichloro-2-b...	6.629	53	13494	8.78	ug/l	59
69)	1,3-Dichlorobenzene	7.134	146	90943	16.09	ug/l	83
70)	1,4-Dichlorobenzene	7.176	146	98147	14.25	ug/l	84
71)	1,2-Dichlorobenzene	7.387	146	97181	14.65	ug/l	85
72)	Isopropylbenzene	6.454	105	128453	12.51	ug/l	92
74)	1,2,3-Trichloropropane	6.629	75	62898	10.04	ug/l	94
75)	2-Chlorotoluene	6.725	91	120154	12.91	ug/l	95
76)	p-Ethyltoluene	6.725	105	141542	15.43	ug/l	86
77)	4-Chlorotoluene	6.785	91	111368	9.93	ug/l	87
78)	n-Propylbenzene	6.671	91	147994	12.78	ug/l	91
79)	Bromobenzene	6.629	77	99716	10.18	ug/l	77
80)	1,3,5-Trimethylbenzene	6.755	105	113343	12.35	ug/l	87
81)	t-Butylbenzene	6.936	119	94927	13.78	ug/l	85
82)	1,2,4-Trimethylbenzene	6.960	105	119953	12.92	ug/l	89
83)	sec-Butylbenzene	7.056	105	104116	12.69	ug/l	95
84)	4-Isopropyltoluene	7.128	119	94204	14.33	ug/l	91
85)	n-Butylbenzene	7.357	91	101353	12.25	ug/l	78
86)	p-Diethylbenzene	7.339	119	55680	13.37	ug/l	90
87)	1,2,4,5-Tetramethylben...	7.778	119	107333	12.99	ug/l	90
88)	1,2-Dibromo-3-Chloropr...	7.814	157	14293	10.06	ug/l	50
89)	Hexachlorobutadiene	8.385	225	31359	7.99	ug/l	93
90)	1,2,4-Trichlorobenzene	8.295	180	53572	12.69	ug/l	92
91)	1,2,3-Trichlorobenzene	8.584	180	52247	12.16	ug/l	96
92)	Naphthalene	8.445	128	125655	11.28	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : AC42831-003(MS)
Data File: 6M38368.D
Acq On : 02/23/09 16:55
Operator : WP
Sam Mult : 1 Vial# : 33
Misc : A,5ML15
Qt Meth : 6M_A0206.M
Qt On : 02724/09 06:49
Qt Upd On: 02/12/09 09:12
Abundance
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42831-003(MSD) Operator : WP Qt Meth : 6M_A0206.M
Data File: 6M38369.D Sam Mult : 1 Vial# : 33 Qt On : 02/24/09 06:49
Acq On : 02/23/09 17:11 Misc : A,5ML!5 Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.391	96	388877	30.00	ug/l	0.02
45) Chlorobenzene-d5	5.943	117	270682	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.164	152	153276	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.970	111	124937	32.57	ug/l	0.02
Spiked Amount 30.000			Recovery =	108.57%		
32) 1,2-Dichloroethane-d4	4.187	67	64861	27.06	ug/l	0.01
Spiked Amount 30.000			Recovery =	90.20%		
56) Toluene-d8	5.209	98	348093	27.36	ug/l	0.01
Spiked Amount 30.000			Recovery =	91.20%		
64) Bromofluorobenzene	6.545	174	168008	28.82	ug/l	0.01
Spiked Amount 30.000			Recovery =	96.07%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.286	51	140291	19.17	ug/l	68
3) Dichlorodifluoromethane	1.280	85	49759	9.81	ug/l	77
4) Chloromethane	1.407	50	57381	9.77	ug/l	85
5) Bromomethane	1.707	94	28222	13.81	ug/l	88
6) Vinyl Chloride	1.476	62	46263	11.78	ug/l	93
7) Chloroethane	1.776	64	26187	14.85	ug/l	92
8) Trichlorofluoromethane	1.967	101	41954	11.34	ug/l	80
9) 1,1,2-Trichloro-1,2,2-...	2.322	101	27785	15.10	ug/l	89
10) Methylene Chloride	2.659	84	35877	14.97	ug/l	72
11) Acrolein	2.244	56	20640	107.70	ug/l	84
12) Acrylonitrile	2.833	53	13890	15.15	ug/l	95
13) Iodomethane	2.430	142	69763	16.81	ug/l	82
14) Acetone	2.346	43	73163	75.51	ug/l	99
15) Carbon Disulfide	2.490	76	94712	13.98	ug/l	100
16) t-Butyl Alcohol	2.725	59	18869	61.47	ug/l	82
17) n-Hexane	3.074	57	17743	11.40	ug/l	88
18) Di-isopropyl-ether	3.224	45	169162	12.02	ug/l	97
19) 1,1-Dichloroethene	2.322	61	57141	13.03	ug/l	94
20) Methyl Acetate	2.581	43	42666	11.32	ug/l	100
21) Methyl-t-butyl ether	2.863	73	96454	12.67	ug/l	95
22) 1,1-Dichloroethane	3.176	63	73210	14.10	ug/l	92
23) trans-1,2-Dichloroethene	2.863	96	31391	16.32	ug/l	83
24) cis-1,2-Dichloroethene	3.627	61	82733	12.57	ug/l	89
25) Bromochloromethane	3.808	49	39957	9.85	ug/l	90
26) 2,2-Dichloropropane	3.627	77	59254	12.47	ug/l	93
27) 1,4-Dioxane	4.770	88	28881	628.62	ug/l	94
28) 1,1-Dichloropropene	4.102	75	66000	13.37	ug/l	99
29) Chloroform	3.862	83	91050	14.15	ug/l	91
31) Cyclohexane	4.042	56	52853	10.12	ug/l	90
33) 1,2-Dichloroethane	4.235	62	76215	13.64	ug/l	91
34) 2-Butanone	3.633	43	25444	12.81	ug/l	93
35) 1,1,1-Trichloroethane	3.994	97	72656	13.90	ug/l	96
36) Carbon Tetrachloride	4.108	117	66674	15.56	ug/l	85
37) Vinyl Acetate	3.074	43	15171	11.41	ug/l	100
38) Bromodichloromethane	4.842	83	62772	12.60	ug/l	98
39) Methylcyclohexane	4.698	83	33467	9.44	ug/l	98
40) Dibromomethane	4.770	174	58603	18.87	ug/l	94
41) 1,2-Dichloropropane	4.704	63	49850	12.39	ug/l	92
42) Trichloroethene	4.590	130	56861	17.39	ug/l	97
43) Benzene	4.229	78	186677	14.83	ug/l	100
44) tert-Amyl methyl ether	4.295	73	120040	11.19	ug/l	93
46) Dibromochloromethane	5.642	129	57618	13.32	ug/l	98
48) cis-1,3-Dichloropropene	5.071	75	57176	8.54	ug/l	89
49) trans-1,3-Dichloropropene	5.348	75	54636	8.88	ug/l	90
50) 1,1,2-Trichloroethane	5.438	97	43709	14.62	ug/l	87
51) 1,2-Dibromoethane	5.715	107	44328	11.89	ug/l	86
52) 1,3-Dichloropropane	4.704	76	25551	12.84	ug/l	96
53) 4-Methyl-2-Pentanone	5.137	43	47235	7.52	ug/l	95
54) 2-Hexanone	5.558	43	32929	8.28	ug/l	90
55) Tetrachloroethene	5.528	164	46520	18.17	ug/l	98
57) Toluene	5.245	92	104233	14.24	ug/l	89
58) 1,1,1,2-Tetrachloroethane	5.991	133	51661	17.43	ug/l	79
59) Chlorobenzene	5.955	112	120915	15.54	ug/l	99
61) Bromoform	6.382	173	51277	11.36	ug/l	99
62) Ethylbenzene	6.003	106	50768	12.91	ug/l	74
63) 1,1,2,2-Tetrachloroethane	6.599	83	58268	11.42	ug/l	97
65) Styrene	6.274	104	110349	12.19	ug/l	95
66) m&p-Xylenes	6.063	106	129423	28.65	ug/l	93
67) o-Xylene	6.268	106	66186	13.69	ug/l	74

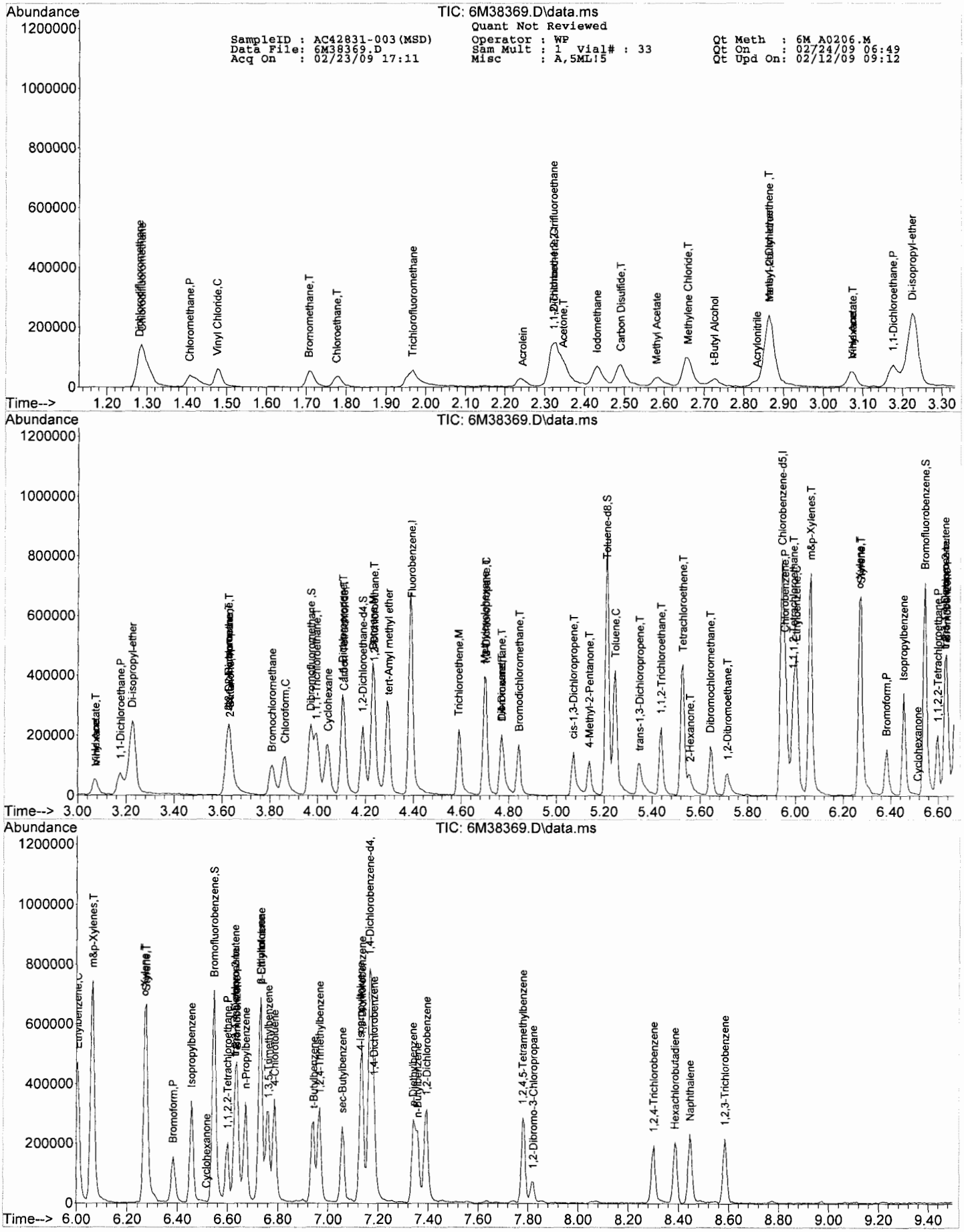
Quantitation Report (Not Reviewed)

SampleID : AC42831-003(MSD) Operator : WP Qt Meth : 6M_A0206.M
Data File: 6M38369.D Sam Mult : 1 Vial# : 33 Qt On : 02/24/09 06:49
Acq On : 02/23/09 17:11 Misc : A,5ML!5 Qt Upd On: 02/12/09 09:12

Data Path : G:\GcMsData\2009\GCMS_6\Data\02-23-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	6.629	53	12931	8.20 ug/l	72
69) 1,3-Dichlorobenzene	7.134	146	90820	15.67 ug/l	84
70) 1,4-Dichlorobenzene	7.182	146	97286	13.77 ug/l	84
71) 1,2-Dichlorobenzene	7.393	146	96594	14.20 ug/l	85
72) Isopropylbenzene	6.454	105	123925	11.76 ug/l	91
73) Cyclohexanone	6.515	55	751	2.70 ug/l	71
74) 1,2,3-Trichloropropane	6.629	75	65443	10.19 ug/l	94
75) 2-Chlorotoluene	6.731	91	127185	13.32 ug/l	95
76) p-Ethyltoluene	6.731	105	143677	15.27 ug/l	84
77) 4-Chlorotoluene	6.785	91	131317	11.41 ug/l	89
78) n-Propylbenzene	6.671	91	144733	12.18 ug/l	89
79) Bromobenzene	6.635	77	97462	9.70 ug/l	75
80) 1,3,5-Trimethylbenzene	6.761	105	113090	12.02 ug/l	86
81) t-Butylbenzene	6.942	119	97230	13.76 ug/l	81
82) 1,2,4-Trimethylbenzene	6.966	105	116627	12.24 ug/l	87
83) sec-Butylbenzene	7.056	105	106454	12.64 ug/l	94
84) 4-Isopropyltoluene	7.128	119	93356	13.85 ug/l	90
85) n-Butylbenzene	7.357	91	98263	11.57 ug/l	78
86) p-Diethylbenzene	7.339	119	56553	13.24 ug/l	92
87) 1,2,4,5-Tetramethylben...	7.778	119	108250	12.77 ug/l	93
88) 1,2-Dibromo-3-Chloropr...	7.820	157	15757	10.81 ug/l	55
89) Hexachlorobutadiene	8.385	225	35791	8.89 ug/l	94
90) 1,2,4-Trichlorobenzene	8.301	180	53089	12.26 ug/l	94
91) 1,2,3-Trichlorobenzene	8.584	180	53594	12.16 ug/l	94
92) Naphthalene	8.445	128	123429	10.80 ug/l	100

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


Abundance
TIC: 6M38369.D\data.ms
Quant Not Reviewed
SampleID : AC42831-003(MSD)
Data File: 6M38369.D
Acq On : 02/23/09 17:11
Operator : WP
Sam Mult : 1 Vial# : 33
Misc : A,5ML!5
Qt Meth : 6M A0206.M
Qt On : 02/24/09 06:49
Qt Upd On: 02/12/09 09:12
Time-->

FORM 3

Spike Recovery

Batch Number: MBS11410
Mbs Name: MBS11410
Ns Name: AC42868-005
Ms Name: AC42868-005(MS)
Msd Name: AC42868-005(MSD

Mbs File: 1M42245.D
Non Spk'd File: 1M42163.D
Spike File: 1M42257.D
Spike Dup File: 1M42259.D
Matrix: Soil
Method: EPA 8260B

Mbs Date: 02/27/09 10:48
Non Spk'd Date: 02/25/09 20:18
Spike Date : 02/27/09 14:12
Spike Dup Date: 02/27/09 14:47

Compound	C#	Co	Mr	Conc Exp	Lo LIm	Hi Lim	Rpd LIm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	6	1	0	50	6	117	53	43.79	0.00	62.03	61.50	88	124 Mo	123 Mo	0.86
1,1-Dichloroethene	19	1	0	50	8	114	53	44.29	0.00	57.44	61.31	89	115 Mo	123 Mo	6.5
1,1-Dichloroethane	22	1	0	50	14	127	44	41.36	0.00	51.30	54.51	83	103	109	6.1
Chloroform	29	1	0	50	26	119	39	45.42	0.00	53.38	55.98	91	107	112	4.8
1,2-Dichloroethane	33	1	0	50	18	130	37	41.54	0.00	48.65	50.48	83	97	101	3.7
2-Butanone	34	1	0	50	4	141	59	46.27	0.00	65.14	67.52	93	130	135	3.6
Carbon Tetrachloride	36	1	0	50	19	122	40	56.31	0.00	65.00	68.48	113	130 Mo	137 Mo	5.2
Trichloroethene	42	1	0	50	21	116	39	46.53	0.00	52.92	57.01	93	106	114	7.4
Benzene	43	1	0	50	21	122	38	39.17	0.00	47.32	50.29	78	95	101	6.1
Tetrachloroethene	55	1	0	50	18	116	37	47.38	0.00	55.14	57.25	95	110	114	3.8
Toluene	57	1	0	50	19	128	35	47.01	0.00	56.42	58.39	94	113	117	3.4
Chlorobenzene	59	1	0	50	21	117	37	38.90	0.00	41.62	42.99	78	83	86	3.2
1,4-Dichlorobenzene	70	1	0	50	20	110	41	44.32	0.00	41.39	40.29	89	83	81	2.7
1,2-Dichlorobenzene	71	1	0	50	19	113	42	41.89	0.00	36.87	36.90	84	74	74	0.08
n-Propylbenzene	78	1	0	50	16	122	42	50.47	0.00	60.05	58.67	101	120	117	2.3
sec-Butylbenzene	83	1	0	50	9	125	48	51.76	0.00	56.50	55.37	104	113	111	2

Note:

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

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

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 1M42245.D
Acq On : 02/27/09 10:48

Operator : SG
Sam Mult : 1 Vial# : 16
Misc : S,5G

Qt Meth : 1M_S0223.M
Qt On : 02/27/09 11:04
Qt Upd On: 02/26/09 11:56

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.703	96	261418	30.00	ug/l	0.03
45) Chlorobenzene-d5	6.507	117	231356	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.926	152	132736	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.270	111	84795	35.30	ug/l	0.03
Spiked Amount 30.000			Recovery = 117.67%			
32) 1,2-Dichloroethane-d4	4.496	102	14424	31.99	ug/l	0.03
Spiked Amount 30.000			Recovery = 106.63%			
56) Toluene-d8	5.649	100	185250	27.92	ug/l	0.02
Spiked Amount 30.000			Recovery = 93.07%			
64) Bromofluorobenzene	7.207	174	113374	29.98	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.93%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.578	51	127271	23.59	ug/l	70
3) Dichlorodifluoromethane	1.561	85	82267	33.56	ug/l	95
4) Chloromethane	1.712	50	101340	39.90	ug/l	95
5) Bromomethane	2.014	94	29190	39.76	ug/l	97
6) Vinyl Chloride	1.779	62	83371	43.79	ug/l	97
7) Chloroethane	2.081	64	61373	63.84	ug/l	99
8) Trichlorofluoromethane	2.282	101	157910	58.79	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.643	101	108586	65.07	ug/l	96
10) Methylene Chloride	2.988	84	122037	39.58	ug/l	95
11) Acrolein	2.565	56	34365	233.22	ug/l	96
12) Acrylonitrile	3.156	53	25259	35.23	ug/l	95
13) Iodomethane	2.772	142	168608	39.11	ug/l	65
14) Acetone	2.673	43	105415	180.11	ug/l	97
15) Carbon Disulfide	2.831	76	415997	47.20	ug/l	100
16) t-Butyl Alcohol	3.047	59	19895	191.59	ug/l	91
17) n-Hexane	3.422	57	127696	58.68	ug/l	87
18) Di-isopropyl-ether	3.580	45	392125	37.19	ug/l	94
19) 1,1-Dichloroethene	2.653	61	214090	44.29	ug/l	98
20) Methyl Acetate	2.910	43	55863	32.86	ug/l	100
21) Methyl-t-butyl ether	3.205	73	169684	40.72	ug/l	86
22) 1,1-Dichloroethane	3.530	63	263889	41.36	ug/l	100
23) trans-1,2-Dichloroethene	3.205	96	130329	50.05	ug/l	80
24) cis-1,2-Dichloroethene	3.964	61	245087	42.29	ug/l	94
25) Bromochloromethane	4.122	49	125666	36.54	ug/l	80
26) 2,2-Dichloropropane	3.974	77	195763	62.88	ug/l	94
27) 1,4-Dioxane	5.137	88	37346	1838.75	ug/l	83
28) 1,1-Dichloropropene	4.417	75	205637	50.29	ug/l	93
29) Chloroform	4.171	83	246645	45.42	ug/l	99
31) Cyclohexane	4.358	56	217492	53.57	ug/l	95
33) 1,2-Dichloroethane	4.536	62	174021	41.54	ug/l	99
34) 2-Butanone	3.954	43	34298	46.27	ug/l	94
35) 1,1,1-Trichloroethane	4.309	97	203163	53.36	ug/l	98
36) Carbon Tetrachloride	4.427	117	174348	56.31	ug/l	90
37) Vinyl Acetate	3.570	43	316579	35.47	ug/l	100
38) Bromodichloromethane	5.216	83	187995	42.74	ug/l	97
39) Methylcyclohexane	5.058	83	229348	62.47	ug/l	73
40) Dibromomethane	5.137	174	78284	37.12	ug/l	93
41) 1,2-Dichloropropane	5.058	63	124774	36.58	ug/l	88
42) Trichloroethene	4.930	130	149473	46.53	ug/l	98
43) Benzene	4.546	78	463971	39.17	ug/l	100
44) tert-Amyl methyl ether	4.595	73	188207	39.82	ug/l	81
46) Dibromochloromethane	6.152	129	120976	37.19	ug/l	98
47) 2-Chloroethylvinylether	5.373	63	43144	32.44	ug/l	91
48) cis-1,3-Dichloropropene	5.482	75	193709	37.19	ug/l	99
49) trans-1,3-Dichloropropene	5.797	75	168972	38.53	ug/l	98
50) 1,1,2-Trichloroethane	5.906	97	88120	36.55	ug/l	95
51) 1,2-Dibromoethane	6.241	107	89915	35.06	ug/l	96
52) 1,3-Dichloropropane	6.014	76	158674	34.52	ug/l	98
53) 4-Methyl-2-Pentanone	5.551	43	69368	32.23	ug/l	92
54) 2-Hexanone	6.034	43	49282	33.43	ug/l	95
55) Tetrachloroethene	6.024	164	136282	47.38	ug/l	99
57) Toluene	5.689	92	316193	47.01	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.566	133	127827	40.77	ug/l	99
59) Chlorobenzene	6.527	112	346433	38.90	ug/l	100
61) Bromoform	7.019	173	79485	35.00	ug/l	99
62) Ethylbenzene	6.576	106	140326	42.50	ug/l	94
63) 1,1,2,2-Tetrachloroethane	7.256	83	97139	33.41	ug/l	91
65) Styrene	6.891	104	364453	38.78	ug/l	97
66) m&p-Xylenes	6.645	106	445094	80.68	ug/l	99

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 1M42245.D
Acq On : 02/27/09 10:48

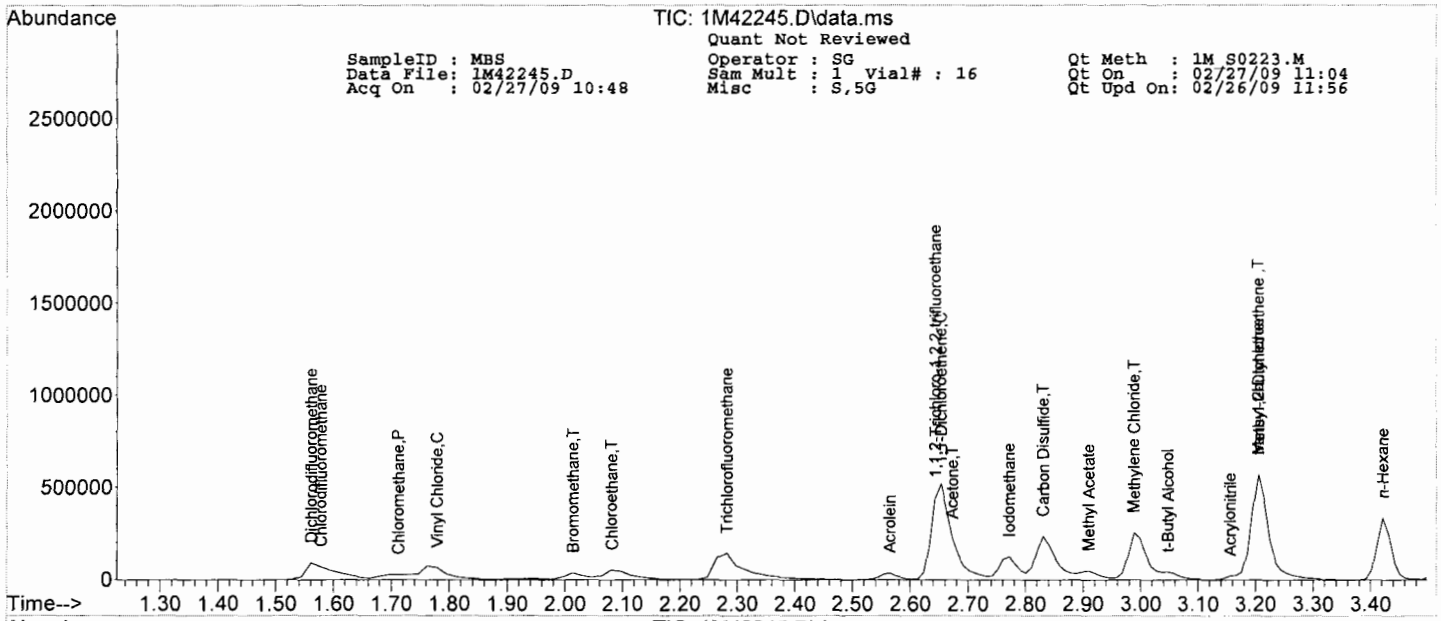
Operator : SG
Sam Mult : 1 Vial# : 16
Misc : S,5G

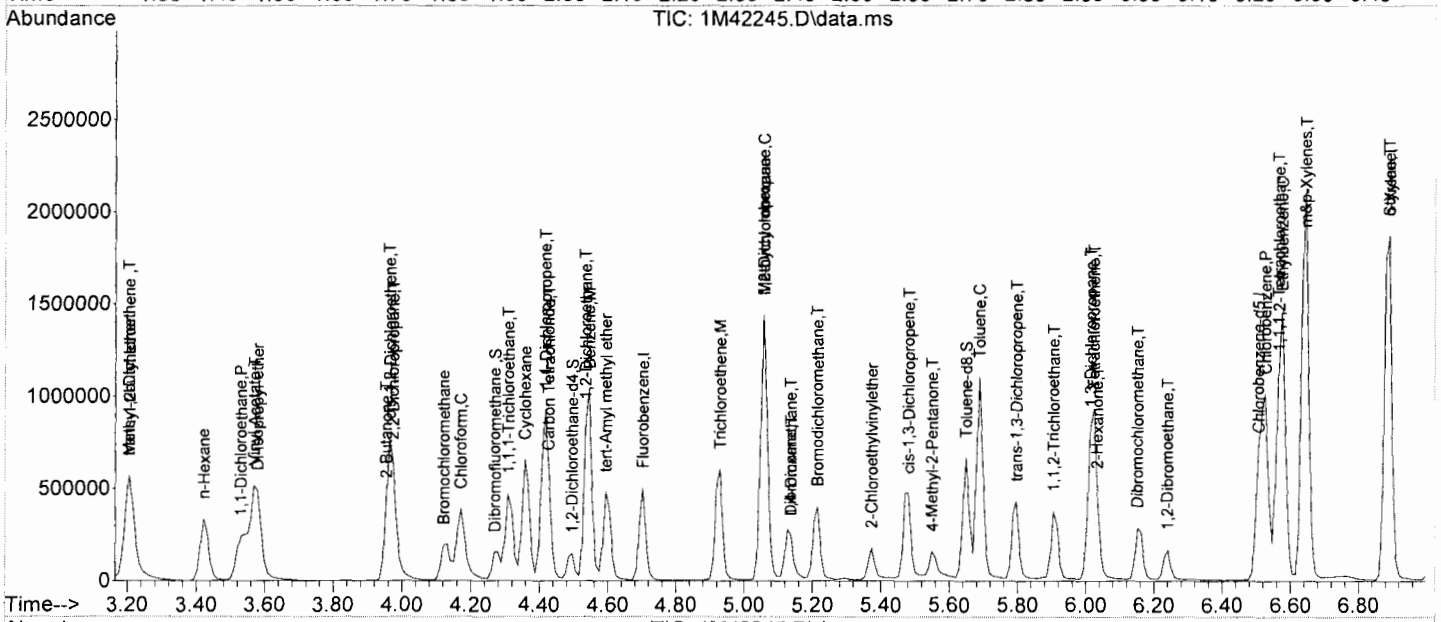
Qt Meth : 1M_S0223.M
Qt On : 02/27/09 11:04
Qt Upd On: 02/26/09 11:56

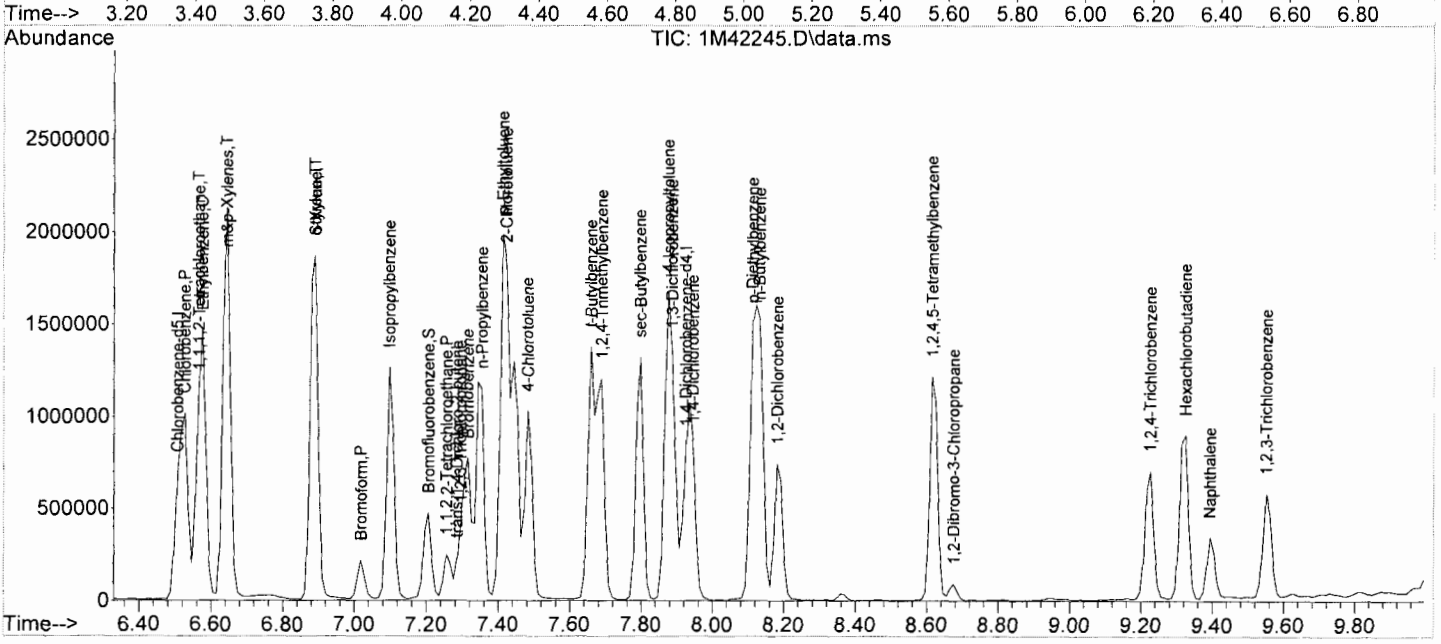
Data Path : G:\GcMsData\2009\GCMS_1\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.891	106	222923	39.63 ug/l	90
68) trans-1,4-Dichloro-2-b...	7.285	53	38997	41.03 ug/l	75
69) 1,3-Dichlorobenzene	7.887	146	301202	45.22 ug/l	95
70) 1,4-Dichlorobenzene	7.946	146	299523	44.32 ug/l	96
71) 1,2-Dichlorobenzene	8.182	146	268432	41.89 ug/l	96
72) Isopropylbenzene	7.098	105	630300	44.56 ug/l	99
74) 1,2,3-Trichloropropane	7.295	75	132299	36.93 ug/l	92
75) 2-Chlorotoluene	7.423	91	358517	42.82 ug/l	99
76) p-Ethyltoluene	7.414	105	745757	49.74 ug/l	97
77) 4-Chlorotoluene	7.483	91	348048	43.35 ug/l	97
78) n-Propylbenzene	7.354	91	787016	50.47 ug/l	97
79) Bromobenzene	7.315	77	323905	46.53 ug/l	93
81) t-Butylbenzene	7.660	119	550452	46.41 ug/l	94
82) 1,2,4-Trimethylbenzene	7.690	105	567195	44.35 ug/l	97
83) sec-Butylbenzene	7.798	105	725622	51.76 ug/l	99
84) 4-Isopropyltoluene	7.877	119	589144	54.06 ug/l	96
85) n-Butylbenzene	8.133	91	745473	64.35 ug/l	99
86) p-Diethylbenzene	8.113	119	398676	59.55 ug/l	98
87) 1,2,4,5-Tetramethylben...	8.616	119	594615	58.17 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.675	157	20873	32.30 ug/l	89
89) Hexachlorobutadiene	9.326	225	191692	58.25 ug/l	98
90) 1,2,4-Trichlorobenzene	9.227	180	211050	51.95 ug/l	98
91) 1,2,3-Trichlorobenzene	9.552	180	172881	48.68 ug/l	96
92) Naphthalene	9.395	128	228900	36.21 ug/l	100

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


Abundance
TIC: 1M42245.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 1M42245.D
Acq On : 02/27/09 10:48
Operator : SG
Sam Mult : 1 Vial# : 16
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/27/09 11:04
Qt Upd On: 02/26/09 11:56
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichloro-1,2,2-trifluoroethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Time-->


Abundance
TIC: 1M42245.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
Carbon Tetrachloride,T
1,2-Dichloroethane-d4,S
1,2-Dichloroethane,T
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Time-->


Abundance
TIC: 1M42245.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Diethylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42868-005(MS) Operator : SG Qt Meth : 1M_S0223.M
Data File: 1M42257.D Sam Mult : 1 Vial# : 21 Qt On : 02/27/09 14:39
Acq On : 02/27/09 14:12 Misc : S,5G!6 Qt Upd On: 02/26/09 11:56

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.703	96	249453	30.00	ug/l	0.03
45) Chlorobenzene-d5	6.507	117	205325	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.926	152	97525	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.270	111	79000	34.47	ug/l	0.03
Spiked Amount 30.000			Recovery = 114.90%			
32) 1,2-Dichloroethane-d4	4.496	102	13209	30.70	ug/l	0.03
Spiked Amount 30.000			Recovery = 102.33%			
56) Toluene-d8	5.650	100	171196	29.08	ug/l	0.02
Spiked Amount 30.000			Recovery = 96.93%			
64) Bromofluorobenzene	7.207	174	93043	33.49	ug/l	0.00
Spiked Amount 30.000			Recovery = 111.63%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.560	85	166215	71.06	ug/l	94
4) Chloromethane	1.728	50	148161	61.13	ug/l	89
5) Bromomethane	2.012	94	40024	57.14	ug/l	93
6) Vinyl Chloride	1.778	62	112693	62.03	ug/l	99
7) Chloroethane	2.079	64	72923	79.49	ug/l	96
8) Trichlorofluoromethane	2.280	101	195370	77.67	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.653	101	127861	80.30	ug/l	94
10) Methylene Chloride	2.998	84	149714	50.88	ug/l	91
11) Acrolein	2.565	56	16282	115.80	ug/l	84
12) Acrylonitrile	3.166	53	29954	43.78	ug/l	96
13) Iodomethane	2.772	142	211703	51.47	ug/l	68
14) Acetone	2.673	43	142731	280.42	ug/l	97
15) Carbon Disulfide	2.831	76	515500	61.30	ug/l	100
16) t-Butyl Alcohol	3.058	59	27708	279.63	ug/l	99
17) n-Hexane	3.422	57	135731	65.37	ug/l	87
18) Di-isopropyl-ether	3.580	45	455661	45.29	ug/l	97
19) 1,1-Dichloroethene	2.653	61	264939	57.44	ug/l	93
20) Methyl Acetate	2.910	43	71429	44.03	ug/l	100
21) Methyl-t-butyl ether	3.205	73	204912	51.53	ug/l	87
22) 1,1-Dichloroethane	3.531	63	312343	51.30	ug/l	99
23) trans-1,2-Dichloroethene	3.215	96	155969	62.77	ug/l	73
24) cis-1,2-Dichloroethene	3.964	61	282983	51.17	ug/l	94
25) Bromochloromethane	4.122	49	147028	44.80	ug/l	81
26) 2,2-Dichloropropane	3.974	77	223758	75.31	ug/l	93
27) 1,4-Dioxane	5.127	88	58714	3029.47	ug/l	81
28) 1,1-Dichloropropene	4.418	75	235053	60.24	ug/l	96
29) Chloroform	4.171	83	276633	53.38	ug/l	98
31) Cyclohexane	4.358	56	239899	61.93	ug/l	95
33) 1,2-Dichloroethane	4.536	62	194478	48.65	ug/l	97
34) 2-Butanone	3.954	43	46073	65.14	ug/l	90
35) 1,1,1-Trichloroethane	4.309	97	231321	63.67	ug/l	97
36) Carbon Tetrachloride	4.427	117	192066	65.00	ug/l	92
37) Vinyl Acetate	3.580	43	271369	31.87	ug/l	100
38) Bromodichloromethane	5.216	83	195490	46.57	ug/l	98
39) Methylcyclohexane	5.058	83	224638	64.12	ug/l	75
40) Dibromomethane	5.127	174	84133	41.81	ug/l	95
41) 1,2-Dichloropropane	5.058	63	140727	43.23	ug/l	89
42) Trichloroethene	4.930	130	162244	52.92	ug/l	96
43) Benzene	4.546	78	534784	47.32	ug/l	100
44) tert-Amyl methyl ether	4.595	73	214769	47.62	ug/l	84
46) Dibromochloromethane	6.152	129	117674	40.76	ug/l	99
47) 2-Chloroethylvinylether	5.374	63	40255	34.11	ug/l	95
48) cis-1,3-Dichloropropene	5.472	75	203213	43.97	ug/l	97
49) trans-1,3-Dichloropropene	5.788	75	168597	43.31	ug/l	99
50) 1,1,2-Trichloroethane	5.906	97	85250	39.84	ug/l	98
51) 1,2-Dibromoethane	6.231	107	89414	39.28	ug/l	96
52) 1,3-Dichloropropane	6.014	76	163666	40.12	ug/l	98
53) 4-Methyl-2-Pentanone	5.551	43	75729	39.65	ug/l	93
54) 2-Hexanone	6.034	43	53730	41.07	ug/l	99
55) Tetrachloroethene	6.024	164	140768	55.14	ug/l	98
57) Toluene	5.689	92	336741	56.42	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.566	133	122289	43.95	ug/l	99
59) Chlorobenzene	6.527	112	328920	41.62	ug/l	99
61) Bromoform	7.020	173	71768	43.02	ug/l	100
62) Ethylbenzene	6.576	106	145408	59.94	ug/l	98
63) 1,1,2,2-Tetrachloroethane	7.256	83	84890	39.73	ug/l	92
65) Styrene	6.891	104	296155	42.89	ug/l	98
66) m&p-Xylenes	6.645	106	433480	106.95	ug/l	96
67) o-Xylene	6.882	106	209547	50.70	ug/l	82

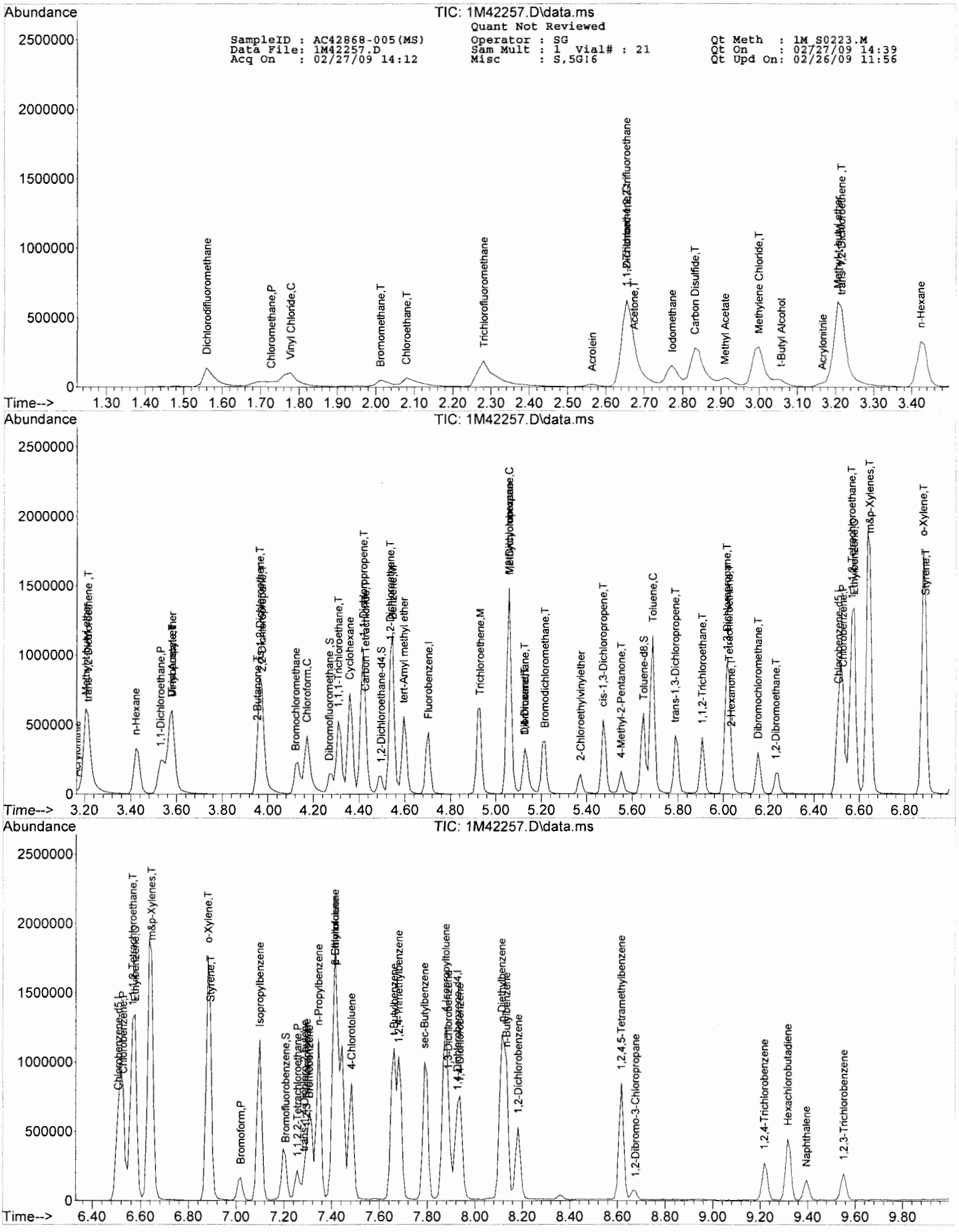
Quantitation Report (Not Reviewed)

SampleID : AC42868-005(MS) Operator : SG Qt Meth : 1M_S0223.M
Data File: 1M42257.D Sam Mult : 1 Vial# : 21 Qt On : 02/27/09 14:39
Acq On : 02/27/09 14:12 Misc : S,5G!6 Qt Upd On: 02/26/09 11:56

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	7.286	53	31236	44.73 ug/l	91
69) 1,3-Dichlorobenzene	7.887	146	212242	43.37 ug/l	96
70) 1,4-Dichlorobenzene	7.936	146	205509	41.39 ug/l	96
71) 1,2-Dichlorobenzene	8.182	146	173570	36.87 ug/l	95
72) Isopropylbenzene	7.098	105	572139	55.05 ug/l	99
74) 1,2,3-Trichloropropane	7.295	75	118843	45.16 ug/l	95
75) 2-Chlorotoluene	7.414	91	274209	44.58 ug/l	97
76) p-Ethyltoluene	7.414	105	710151	64.47 ug/l	97
77) 4-Chlorotoluene	7.483	91	294446	49.91 ug/l	97
78) n-Propylbenzene	7.345	91	688015	60.05 ug/l	97
79) Bromobenzene	7.305	77	275453	53.86 ug/l	92
81) t-Butylbenzene	7.660	119	457210	52.47 ug/l	93
82) 1,2,4-Trimethylbenzene	7.680	105	465266	49.51 ug/l	97
83) sec-Butylbenzene	7.788	105	581963	56.50 ug/l	98
84) 4-Isopropyltoluene	7.877	119	458348	57.24 ug/l	96
85) n-Butylbenzene	8.133	91	527150	61.94 ug/l	98
86) p-Diethylbenzene	8.114	119	285726	58.09 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.616	119	380395	50.65 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.675	157	17644	37.16 ug/l	92
89) Hexachlorobutadiene	9.316	225	91020	37.64 ug/l	98
90) 1,2,4-Trichlorobenzene	9.217	180	80037	26.81 ug/l	99
91) 1,2,3-Trichlorobenzene	9.552	180	55734	21.36 ug/l	95
92) Naphthalene	9.395	128	102022	21.97 ug/l	100

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


Abundance
TIC: 1M42257.D\data.ms
Quant Not Reviewed
SampleID : AC42868-005(MS)
Data File: 1M42257.D
Acq On : 02/27/09 14:12
Operator : SG
Sam Mult : 1 Vial# : 21
Misc : S,5G16
Qt Meth : 1M_S0223.M
Qt On : 02727/09 14:39
Qt Upd On: 02/26/09 11:56
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Time-->

Abundance
TIC: 1M42257.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
Carbon Tetrachloride,T
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Time-->

Abundance
TIC: 1M42257.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-Chloropropane
1,2,4,5-Tetramethylbenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42868-005(MSD) Operator : SG Qt Meth : 1M_S0223.M
Data File: 1M42259.D Sam Mult : 1 Vial# : 22 Qt On : 02/27/09 15:03
Acq On : 02/27/09 14:47 Misc : S,5G!7 Qt Upd On: 02/26/09 11:56

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.673	96	175651	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.497	117	149524	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.926	152	73297	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.240	111	54899	34.01	ug/l	0.00
Spiked Amount 30.000			Recovery = 113.37%			
32) 1,2-Dichloroethane-d4	4.466	102	9322	30.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.57%			
56) Toluene-d8	5.629	100	123315	28.76	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.87%			
64) Bromofluorobenzene	7.196	174	66899	32.04	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.80%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.481	85	135494	82.26	ug/l	92
4) Chloromethane	1.648	50	107402	62.93	ug/l	95
5) Bromomethane	1.933	94	30266	61.36	ug/l	98
6) Vinyl Chloride	1.699	62	78668	61.50	ug/l	99
7) Chloroethane	2.000	64	42670	66.06	ug/l	98
8) Trichlorofluoromethane	2.201	101	157041	89.35	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.584	101	98970	88.27	ug/l	95
10) Methylene Chloride	2.929	84	107180	51.73	ug/l	96
11) Acrolein	2.495	56	7977	80.57	ug/l	93
12) Acrylonitrile	3.106	53	20708	42.98	ug/l	95
13) Iodomethane	2.702	142	160726	55.49	ug/l	67
14) Acetone	2.604	43	104683	294.54	ug/l	100
15) Carbon Disulfide	2.761	76	380695	64.29	ug/l	100
16) t-Butyl Alcohol	2.988	59	20720	296.97	ug/l	88
17) n-Hexane	3.372	57	106940	73.14	ug/l	88
18) Di-isopropyl-ether	3.520	45	340756	48.10	ug/l	89
19) 1,1-Dichloroethene	2.584	61	199131	61.31	ug/l	95
20) Methyl Acetate	2.850	43	54794	47.97	ug/l	100
21) Methyl-t-butyl ether	3.146	73	147543	52.69	ug/l	87
22) 1,1-Dichloroethane	3.471	63	233699	54.51	ug/l	100
23) trans-1,2-Dichloroethene	3.155	96	113447	64.84	ug/l	75
24) cis-1,2-Dichloroethene	3.924	61	211494	54.31	ug/l	92
25) Bromochloromethane	4.092	49	85987	37.21	ug/l	82
26) 2,2-Dichloropropane	3.934	77	161599	77.25	ug/l	94
27) 1,4-Dioxane	5.107	88	45656	3345.50	ug/l	76
28) 1,1-Dichloropropene	4.387	75	178630	65.01	ug/l	94
29) Chloroform	4.141	83	204287	55.98	ug/l	100
31) Cyclohexane	4.328	56	190582	69.86	ug/l	95
33) 1,2-Dichloroethane	4.516	62	142091	50.48	ug/l	97
34) 2-Butanone	3.914	43	33628	67.52	ug/l	89
35) 1,1,1-Trichloroethane	4.279	97	170019	66.46	ug/l	97
36) Carbon Tetrachloride	4.397	117	142467	68.48	ug/l	90
37) Vinyl Acetate	3.520	43	187869	31.33	ug/l	100
38) Bromodichloromethane	5.196	83	142357	48.17	ug/l	97
39) Methylcyclohexane	5.038	83	178239	72.25	ug/l	73
40) Dibromomethane	5.107	174	62654	44.22	ug/l	96
41) 1,2-Dichloropropane	5.038	63	106468	46.45	ug/l	88
42) Trichloroethene	4.900	130	123057	57.01	ug/l	90
43) Benzene	4.516	78	400199	50.29	ug/l	100
44) tert-Amyl methyl ether	4.575	73	153697	48.39	ug/l	81
46) Dibromochloromethane	6.142	129	87944	41.83	ug/l	100
47) 2-Chloroethylvinylether	5.353	63	29499	34.32	ug/l	88
48) cis-1,3-Dichloropropene	5.462	75	149386	44.38	ug/l	97
49) trans-1,3-Dichloropropene	5.777	75	123099	43.43	ug/l	95
50) 1,1,2-Trichloroethane	5.895	97	64516	41.40	ug/l	94
51) 1,2-Dibromoethane	6.230	107	66702	40.24	ug/l	93
52) 1,3-Dichloropropane	6.004	76	123243	41.49	ug/l	96
53) 4-Methyl-2-Pentanone	5.541	43	55344	39.79	ug/l	91
54) 2-Hexanone	6.024	43	38909	40.84	ug/l	99
55) Tetrachloroethene	6.014	164	106434	57.25	ug/l	98
57) Toluene	5.679	92	253784	58.39	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.556	133	90472	44.65	ug/l	97
59) Chlorobenzene	6.516	112	247427	42.99	ug/l	100
61) Bromoform	7.009	173	51187	40.82	ug/l	98
62) Ethylbenzene	6.566	106	98392	53.96	ug/l	88
63) 1,1,2,2-Tetrachloroethane	7.255	83	64630	40.25	ug/l	89
65) Styrene	6.881	104	213139	41.07	ug/l	91
66) m&p-Xylenes	6.635	106	320303	105.15	ug/l	97
67) o-Xylene	6.881	106	158278	50.95	ug/l	86

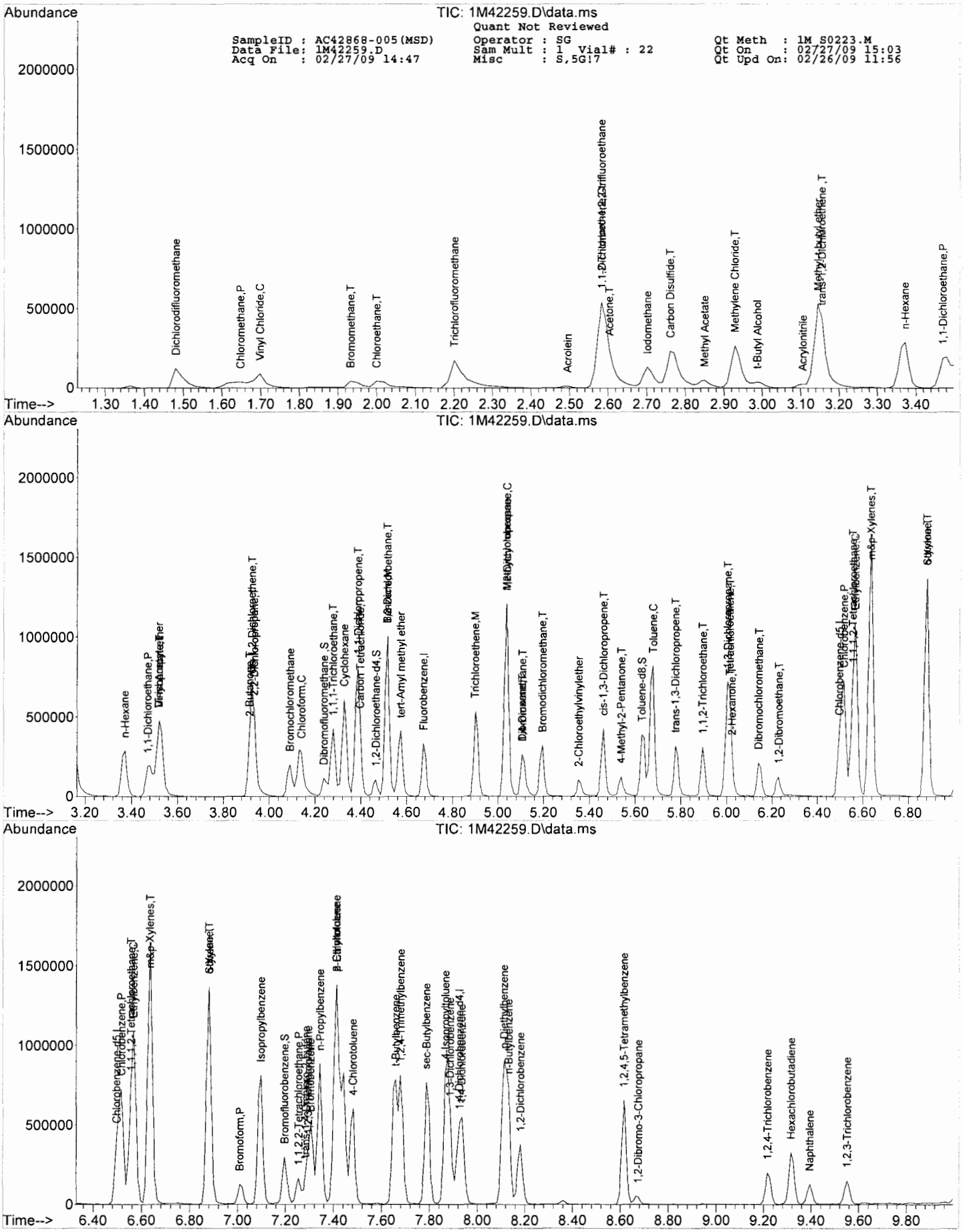
Quantitation Report (Not Reviewed)

SampleID : AC42868-005(MSD) Operator : SG Qt Meth : 1M_S0223.M
Data File: 1M42259.D Sam Mult : 1 Vial# : 22 Qt On : 02/27/09 15:03
Acq On : 02/27/09 14:47 Misc : S,5G!7 Qt Upd On: 02/26/09 11:56

Data Path : G:\GcMsData\2009\GCMS_1\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	trans-1,4-Dichloro-2-b...	7.285	53	21691	41.33	ug/l	97
69)	1,3-Dichlorobenzene	7.886	146	161876	44.01	ug/l	98
70)	1,4-Dichlorobenzene	7.936	146	150346	40.29	ug/l	95
71)	1,2-Dichlorobenzene	8.182	146	130554	36.90	ug/l	96
72)	Isopropylbenzene	7.098	105	421694	53.99	ug/l	98
74)	1,2,3-Trichloropropane	7.295	75	87337	44.15	ug/l	95
75)	2-Chlorotoluene	7.413	91	218848	47.34	ug/l	96
76)	p-Ethyltoluene	7.413	105	797040	96.27	ug/l	99
77)	4-Chlorotoluene	7.482	91	208868	47.11	ug/l	99
78)	n-Propylbenzene	7.344	91	505162	58.67	ug/l	98
79)	Bromobenzene	7.305	77	203679	52.99	ug/l	90
81)	t-Butylbenzene	7.660	119	341214	52.10	ug/l	93
82)	1,2,4-Trimethylbenzene	7.679	105	353196	50.01	ug/l	97
83)	sec-Butylbenzene	7.788	105	428599	55.37	ug/l	98
84)	4-Isopropyltoluene	7.867	119	338282	56.21	ug/l	95
85)	n-Butylbenzene	8.133	91	395958	61.90	ug/l	98
86)	p-Diethylbenzene	8.113	119	218809	59.19	ug/l	98
87)	1,2,4,5-Tetramethylben...	8.616	119	288126	51.04	ug/l	99
88)	1,2-Dibromo-3-Chloropr...	8.675	157	12966	36.34	ug/l	88
89)	Hexachlorobutadiene	9.315	225	66637	36.67	ug/l	98
90)	1,2,4-Trichlorobenzene	9.217	180	59213	26.39	ug/l	97
91)	1,2,3-Trichlorobenzene	9.552	180	44731	22.81	ug/l	98
92)	Naphthalene	9.394	128	84150	24.11	ug/l	100

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


Abundance
TIC: 1M42259.D\data.ms
Quant Not Reviewed
SampleID : AC42868-005(MSD)
Data File: 1M42259.D
Acq On : 02/27/09 14:47
Operator : SG
Sam Mult : 1 Vial# : 22
Misc : S,5G17
Qt Meth : 1M_S0223.M
Qt On : 02727/09 15:03
Qt Upd On: 02/26/09 11:56
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 1M42259.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Time-->

Abundance
TIC: 1M42259.D\data.ms
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

GC/MS Volatile Data
Logbook Data

RUN LOG

1-1-6M37639

Instrument: GCMS_6 Year: 2009
Analyst: DB

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6M37639.	BFB TUNE		OK,,OK,V59620,V-58441,V60607	DB						02/06 12:38
6M37641.	CAL @ 500 PPB	Oc	B-5161	WP		Aqueous	1	1	624 8260	02/06 13:04
6M37642.	CAL @ 250 PPB	Oc	B-5161	WP		Aqueous	1	1	624 8260	02/06 13:19
6M37643.	CAL @ 100 PPB	Oc	B-5161	WP		Aqueous	1	1	624 8260	02/06 13:35
6M37644.	CAL @ 50 PPB	Oc	B-5161	WP		Aqueous	1	1	624 8260	02/06 13:51
6M37645.	CAL @ 20 PPB		B-5161	WP		Aqueous	1	1	624 8260	02/06 14:07
6M37646.	CAL @ 10 PPB		B-5161	WP		Aqueous	1	1	624 8260	02/06 14:23
6M37647.	5 PPB	Is	-	DB		Aqueous	1	1	624 8260	02/06 14:38
6M37648.	CAL @ 5 PPB		B-5161	WP		Aqueous	1	1	624 8260	02/06 14:54
6M37650.	CAL @ 1 PPB		B-5161	WP		Aqueous	1	1	624 8260	02/06 15:26
6M37651.	CAL @ 0.5 PPB		B-5161	WP		Aqueous	1	1	624 8260	02/06 15:42
6M37652.	20 PPB		-	DB		Aqueous	1	1	624 8260	02/06 15:58
6M37653.	10 PPB		-	DB		Aqueous	1	1	624 8260	02/06 16:14
6M37654.	ICV	Ivo	V-60618	WP		Aqueous	1	1	624 8260	02/06 16:29
6M37655.	BLK		-	DB		Aqueous	1	1	624 8260	02/06 16:45
6M37656.	DAILY BLANK		OK	DB		Methano	1	1	8260	02/06 17:01
6M37657.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	02/06 17:17
6M37658.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/06 17:33
6M37659.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/06 17:49
6M37660.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/06 18:05
6M37661.	BLK					Aqueous	1	1	624 8260	02/06 18:21
6M37662.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/06 18:43
6M37663.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/06 18:59
6M37664.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/06 19:15
6M37665.	BLK					Aqueous	1	1	624 8260	02/06 19:30
6M37666.	MDL @ 4 PPB					Aqueous	1	1	624 8260	02/06 19:46
6M37667.	MDL @ 4 PPB					Aqueous	1	1	624 8260	02/06 20:02
6M37668.	MDL @ 4 PPB					Aqueous	1	1	624 8260	02/06 20:18
6M37669.	MDL @ 4 PPB					Aqueous	1	1	624 8260	02/06 20:33
6M37670.	MDL @ 4 PPB					Aqueous	1	1	624 8260	02/06 20:49
6M37671.	MDL @ 4 PPB					Aqueous	1	1	624 8260	02/06 21:05
6M37672.	MDL @ 4 PPB					Aqueous	1	1	624 8260	02/06 21:21
6M37673.	MDL @ 4 PPB					Aqueous	1	1	624 8260	02/06 21:36
6M37674.	MBS11196		OK MBS11196	DB		Aqueous	1	1	624 8260	02/06 21:52
6M37675.	MBS11197		OK MBS11197	DB		Aqueous	1	1	624 8260	02/06 22:08
6M37676.	MBS11198		OK MBS11198	DB		Aqueous	1	1	624 8260	02/06 22:24
6M37677.	MBS11199		OK MBS11199	DB		Aqueous	1	1	624 8260	02/06 22:39
6M37678.	MBS11200		OK MBS11200	DB		Methano	1	1	8260	02/06 22:55
6M37679.	MBS11201		OK MBS11201	DB		Methano	1	1	8260	02/06 23:11
6M37680.	MBS11202		OK MBS11202	DB		Methano	1	1	8260	02/06 23:26
6M37681.	MBS11203		OK MBS11203	DB		Methano	1	1	8260	02/06 23:42
6M37682.	BLK		-	DB		Aqueous	1	1	624 8260	02/06 23:58
6M37683.	AC42545-003		OK	DB	VO15-624	Aqueous	1	1	624	02/07 00:13
6M37684.	AC42545-005		OK	DB	VO15-624	Aqueous	1	1	624	02/07 00:29
6M37685.	AC42535-001		OK	DB	VO10-624	Aqueous	1	1	624	02/07 00:45
6M37686.	AC42535-002		OK	DB	VO10-624	Aqueous	1	1	624	02/07 01:00
6M37687.	AC42542-004		OK	DB	VO10-624	Aqueous	1	1	624	02/07 01:16
6M37688.	AC42542-005		OK	DB	VO10-624	Aqueous	1	1	624	02/07 01:32
6M37689.	AC42548-004		OK	DB	VO10-624	Aqueous	1	1	624	02/07 01:47
6M37690.	AC42549-004		OK	DB	VO10-624	Aqueous	1	1	624	02/07 02:03
6M37691.	AC42549-005		OK	DB	VO10-624	Aqueous	1	1	624	02/07 02:19
6M37692.	AC42542-001		OK	DB	VO10-624	Aqueous	1	1	624	02/07 02:35
6M37693.	AC42542-002		OK	DB	VO10-624	Aqueous	1	1	624	02/07 02:50
6M37694.	AC42542-003		OK	DB	VO10-624	Aqueous	1	1	624	02/07 03:06
6M37695.	AC42545-008		OK	DB	VO10-624	Aqueous	1	1	624	02/07 03:22
6M37696.	AC42548-001		OK	DB	VO10-624	Aqueous	1	1	624	02/07 03:38
6M37697.	AC42548-002		OK	DB	VO10-624	Aqueous	1	1	624	02/07 03:54
6M37698.	AC42548-003		OK	DB	VO10-624	Aqueous	1	1	624	02/07 04:09
6M37699.	AC42549-002		OK	DB	VO10-624	Aqueous	1	1	624	02/07 04:25
6M37700.	AC42549-003		RR-1X - TIC CO	DB	VO10-624	Aqueous	1	1	624	02/07 04:41
6M37701.	AC42549-001(10X)		OK	DB	VO10-624	Aqueous	1	10	624	02/07 04:59
6M37702.	AC42535-003(50X)		RR-1X	DB	VO10-624	Aqueous	1	50	624	02/07 05:20
6M37703.	AC42535-004(50X)		RR-5X	DB	VO10-624	Aqueous	1	50	624	02/07 05:41
6M37704.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/07 05:58
6M37705.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/07 06:14
6M37706.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/07 06:29

Anc	Area Not Checked	En	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddl or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6M38276

Instrument: GCMS_6 Year: 2009
Analyst: SG

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6M38276.	BFB TUNE		OK,V-59620,V-61192,V-58441,V-60607	DB						02/20 06:05
6M38277.	20 PPB	CnAnc	-	DB		Aqueous	1	1	624 8260	02/20 06:29
6M38278.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	02/20 06:50
6M38279.	BLK		-	DB		Aqueous	1	1	624 8260	02/20 07:12
6M38280.	DAILY BLANK		OK	DB		Methano	1	1	8260	02/20 07:27
6M38281.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	02/20 07:43
6M38282.	MBS11346		OK MBS11346	DB		Methano	1	1	8260	02/20 08:05
6M38283.	MBS11348		OK MBS11348	DB		Aqueous	1	1	624 8260	02/20 08:21
6M38284.	BLKJUG#2		N/G-acetone	DB		Aqueous	1	1	624 8260	02/20 08:36
6M38285.	AC42798-011(10X)		OK	DB	VO10-624	Aqueous	1	10	624	02/20 08:55
6M38286.	AC42798-009(100X)		OK	DB	VO10-624	Aqueous	1	100	624	02/20 09:18
6M38287.	BLK		-	DB		Aqueous	1	1	624 8260	02/20 09:35
6M38288.	AC42639-005		OK	DB	VO10-8260	Methano	1	1	8260	02/20 09:51
6M38289.	AC42639-007		OK	DB	VO10-8260	Methano	1	1	8260	02/20 10:07
6M38290.	AC42645-010		OK	DB	VO10-8260	Methano	1	1	8260	02/20 10:23
6M38291.	AC42645-013				VO10-8260	Methano	1	1	8260	02/20 10:38
6M38292.	AC42652-005		OK	DB	VO10-8260	Methano	1	1	8260	02/20 10:54
6M38293.	AC42703-001		-	DB	VO15-8260	Methano	1	1	8260	02/20 11:10
6M38294.	AC42704-001				VO10-8260	Methano	1	1	8260	02/20 11:26
6M38295.	BLKJG#2		N/G-acetone	DB		Aqueous	1	1	624 8260	02/20 11:42
6M38296.	AC42731-002		RR-5g	DB	VO10-8260	Methano	1	1	8260	02/20 11:57
6M38297.	BLKHCL		OK	DB		Aqueous	1	1	624 8260	02/20 12:13
6M38298.	AC42798-010		OK	DB	VO10-624	Aqueous	1	1	624	02/20 12:29
6M38299.	AC42731-007		RR-5g - DIRTY!!!	DB	VO10-8260	Methano	1	1	8260	02/20 12:45
6M38300.	AC42731-006		RR-5g - DIRTY!!!	DB	VO10-8260	Methano	1	1	8260	02/20 13:00
6M38301.	AC42731-003(80uL)		OK	DB	VO10-8260	Methano	1	10	8260	02/20 13:16
6M38302.	AC42731-001		RR-800uL - possible CO	DB	VO10-8260	Methano	1	1	8260	02/20 13:32
6M38303.	AC42731-004		RR-5g	DB	VO10-8260	Methano	1	1	8260	02/20 13:48
6M38304.	AC42731-005		OK	DB	VO10-8260	Methano	1	1	8260	02/20 14:03
6M38305.	BLK		-	DB		Aqueous	1	1	624 8260	02/20 14:19
6M38306.	AC42811-001		RR-1X see below	DB	VO10-624	Aqueous	1	1	624	02/20 14:35
6M38307.	AC42821-001(10X)		RR-1X see below	DB	VO10-624	Aqueous	1	10	624	02/20 14:54
6M38308.	AC42817-001(10X)		RR-2X - DIRTY	DB	VO10-624	Aqueous	1	10	624	02/20 15:14
6M38309.	BLK		-	DB		Aqueous	1	1	624 8260	02/20 15:31
6M38310.	AC42704-009		-	DB	VO10-8260	Methano	1	1	8260	02/20 15:47
6M38311.	AC42811-001		OK MBS11360	DB	VO10-624	Aqueous	1	1	624	02/20 16:03
6M38312.	AC42821-001		OK	DB	VO10-624	Aqueous	1	1	624	02/20 16:19
6M38313.	BLKHCL		N/G-acetone	DB		Aqueous	1	1	624 8260	02/20 16:35
6M38314.	BLKJUG2		N/G-acetone	DB		Aqueous	1	1	624 8260	02/20 16:51
6M38315.	MBS11355		OK MBS11355	DB		Aqueous	1	1	624 8260	02/20 17:06
6M38316.	BLKJUG1		N/G-acetone	DB		Aqueous	1	1	624 8260	02/20 17:22
6M38317.	AC42831-005		OK	DB	VO10-624	Aqueous	1	1	624	02/20 17:38
6M38318.	AC42831-004		OK	DB	VO10-624	Aqueous	1	1	624	02/20 17:53
6M38319.	AC42831-003		OK	DB	VO10-624	Aqueous	1	1	624	02/20 18:09
6M38320.	AC42831-002		OK	DB	VO10-624	Aqueous	1	1	624	02/20 18:25
6M38321.	AC42831-001		OK	DB	VO10-624	Aqueous	1	1	624	02/20 18:40
6M38322.	MBS11360	Ti8	OK MBS11360	DB		Aqueous	1	1	624 8260	02/20 18:56
6M38323.	AC42811-001(MS)	Ti8	OK MBS11360	DB	VO10-624	Aqueous	1	1	624 8260	02/20 19:12
6M38324.	AC42811-001(MSD)	Ti8	OK MBS11360	DB	VO10-624	Aqueous	1	1	624 8260	02/20 19:28
6M38325.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/20 19:43
6M38326.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/20 19:59
6M38327.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/20 20:15
6M38328.	BLK	Ti8	--	DB		Aqueous	1	1	624 8260	02/20 20:30

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evtc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	Problem Checking Prep/runDates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6M38330

Instrument: GCMS_6 Year: 2009
Analyst: WP

0431

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6M38330.	BFB TUNE		OK,V-59620,V-61299,V-58441,V-60607	DB						02/23 06:48
6M38331.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	02/23 06:58
6M38332.	BLKJUG3		OK	DB		Aqueous	1	1	624 8260	02/23 07:22
6M38333.	DAILY BLANK		OK	DB		Methano	1	1	8260	02/23 07:40
6M38334.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	02/23 07:56
6M38335.	MBS11362		OK MBS11362	DB		Methano	1	1	8260	02/23 08:12
6M38336.	AC42704-004		OK	DB	VO10-8260	Methano	1	1	8260	02/23 08:28
6M38337.	AC42704-002		OK	DB	VO10-8260	Methano	1	1	8260	02/23 08:44
6M38338.	AC42704-008		OK	DB	VO10-8260	Methano	1	1	8260	02/23 09:00
6M38339.	MBS11363		OK MBS11363	DB		Aqueous	1	1	624 8260	02/23 09:16
6M38340.	AC42680-001(T)		OK MBS11363	DB	VOTCLP-826	Aqueous	1	1	8260	02/23 09:32
6M38341.	AC42724-001(T)		OK	DB	VOTCLP-826	Aqueous	1	1	8260	02/23 09:47
6M38342.	EF-1-V-60223(022009)		OK	KL		Aqueous	1	2200	8260	02/23 10:03
6M38343.	BLKJUG		-	DB		Aqueous	1	1	624 8260	02/23 10:21
6M38344.	AC42645-013				VO10-8260	Methano	1	1	8260	02/23 10:36
6M38345.	AC42731-001		OK	DB	VO10-8260	Methano	1	1	8260	02/23 10:52
6M38346.	BLKJUG#2		N/G-acetone	DB		Aqueous	1	1	624 8260	02/23 11:08
6M38347.	AC42817-001(2X)		OK	DB	VO10-624	Aqueous	1	2	624	02/23 11:24
6M38348.	BLK		-	DB		Aqueous	1	1	624 8260	02/23 11:40
6M38349.	AC42798-006		OK	DB	VO10-8260	Methano	1	1	8260	02/23 11:56
6M38350.	AC42798-005(80uL)		OK	DB	VO10-8260	Methano	1	10	8260	02/23 12:12
6M38351.	AC42798-003(40uL)		OK	DB	VO10-8260	Methano	1	20	8260	02/23 12:28
6M38352.	AC42680-001(T:MS)		OK MBS11363	DB	VOTCLP-826	Aqueous	1	1	624 8260	02/23 12:43
6M38353.	AC42680-001(T:MSD)		OK MBS11363	DB	VOTCLP-826	Aqueous	1	1	624 8260	02/23 12:59
6M38354.	BLK		-	DB		Aqueous	1	1	624 8260	02/23 13:15
6M38355.	BLK		-	DB		Aqueous	1	1	624 8260	02/23 13:31
6M38356.	BLK		OK	DB		Aqueous	1	1	624 8260	02/23 13:46
6M38357.	MBS11368		OK MBS11368	DB		Aqueous	1	1	624 8260	02/23 14:02
6M38358.	BLK		-	DB		Aqueous	1	1	624 8260	02/23 14:18
6M38359.	AC42645-013				VO10-8260	Methano	1	1	8260	02/23 14:34
6M38360.	AC42849-005		OK	DB	VO-8260	Aqueous	1	1	8260	02/23 14:49
6M38361.	AC42849-006		OK	DB	VO-8260	Aqueous	1	1	8260	02/23 15:05
6M38362.	AC42863-007		OK	DB	VO10-8260	Aqueous	1	1	8260	02/23 15:21
6M38363.	AC42849-001		OK	DB	VO-8260	Aqueous	1	1	8260	02/23 15:37
6M38364.	AC42849-002		OK	DB	VO-8260	Aqueous	1	1	8260	02/23 15:52
6M38365.	AC42849-003		OK	DB	VO-8260	Aqueous	1	1	8260	02/23 16:08
6M38366.	AC42849-004		OK	DB	VO-8260	Aqueous	1	1	8260	02/23 16:24
6M38367.	AC42731-006		OK	DB	VO10-8260	Methano	1	1	8260	02/23 16:40
6M38368.	AC42831-003(MS)	M16	OK MBS11368	DB	VO10-624	Aqueous	1	1	624 8260	02/23 16:55
6M38369.	AC42831-003(MSD)	M16	OK MBS11368	DB	VO10-624	Aqueous	1	1	624 8260	02/23 17:11
6M38370.	BLK		-	DB		Aqueous	1	1	624 8260	02/23 17:27
6M38371.	AC42857-002		OK	DB	VO10-624	Aqueous	1	1	624	02/23 17:43
6M38372.	AC42850-004		OK	DB	VO10-624	Aqueous	1	1	624	02/23 17:58
6M38373.	AC42850-005		OK	DB	VO10-624	Aqueous	1	1	624	02/23 18:14
6M38374.	AC42851-009		OK	DB	VO10-624	Aqueous	1	1	624	02/23 18:30
6M38375.	AC42850-001		OK	DB	VO10-624	Aqueous	1	1	624	02/23 18:45
6M38376.	AC42850-002		OK	DB	VO10-624	Aqueous	1	1	624	02/23 19:01
6M38377.	AC42850-003		OK	DB	VO10-624	Aqueous	1	1	624	02/23 19:17
6M38378.	AC42857-003		OK	DB	VO10-624	Aqueous	1	1	624	02/23 19:33
6M38379.	AC42857-004		OK	DB	VO10-624	Aqueous	1	1	624	02/23 19:48
6M38380.	AC42857-005		OK	DB	VO10-624	Aqueous	1	1	624	02/23 20:04
6M38381.	AC42857-006		OK	DB	VO10-624	Aqueous	1	1	624	02/23 20:20
6M38382.	AC42857-007		OK	DB	VO10-624	Aqueous	1	1	624	02/23 20:35
6M38383.	MBS11371	Ti8	OK MBS11371	DB		Aqueous	1	1	624 8260	02/23 20:51
6M38384.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/23 21:07
6M38385.	AC42857-001		OK	DB	VO10-624	Aqueous	1	1	624	02/23 21:23
6M38386.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/23 21:39
6M38387.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/23 21:54
6M38388.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/23 22:10
6M38389.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/23 22:26
6M38390.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/23 22:42
6M38391.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/23 22:57
6M38392.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/23 23:13

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Toln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Toln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/runDates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6M38394

Instrument: GCMS_6 Year: 2009
Analyst: WP 0432

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6M38394.	BFB TUNE		OK,V-59620,V-61403,V-58441,V-60607	DB						02/24 06:37
6M38395.	20 PPB	CnAnc	-	DB		Aqueous	1	1	624 8260	02/24 06:49
6M38396.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	02/24 07:20
6M38397.	BLK		-	DB		Aqueous	1	1	624 8260	02/24 07:47
6M38398.	DAILY BLANK		OK	DB		Methano	1	1	8260	02/24 08:03
6M38399.	BLKHCL		-	DB		Aqueous	1	1	624 8260	02/24 08:19
6M38400.	AC42879-001(20uL)		RR-400uL see below	DB	VO-8260	Methano	1	40	8260	02/24 08:41
6M38401.	MBS11374		OK MBS11374	DB		Methano	1	1	8260	02/24 08:56
6M38402.	AC42879-001(400uL)		OK	DB	VO-8260	Methano	1	2	8260	02/24 09:12
6M38403.	MBS11375		OK MBS11375	DB		Aqueous	1	1	624 8260	02/24 09:28
6M38404.	BLKJUG1		N/G-MeCl2	DB		Aqueous	1	1	624 8260	02/24 09:44
6M38405.	DAILY BLANK		OK	KL		Aqueous	1	1	624 8260	02/24 10:00
6M38406.	BLKHCL		OK	DB		Aqueous	1	1	624 8260	02/24 10:17
6M38407.	AC42868-012		OK	DB	VO10-624	Aqueous	1	1	624	02/24 10:34
6M38408.	AC42868-014		OK	DB	VO10-624	Aqueous	1	1	624	02/24 10:50
6M38409.	AC42866-013		OK	DB	VO15-8260	Aqueous	1	1	8260	02/24 11:06
6M38410.	AC42833-006(T)		OK MBS11379	KL	VOTCLP-826	Aqueous	1	1	8260	02/24 11:22
6M38411.	AC42802-001(T)		OK	KL	VOTCLP-826	Aqueous	1	1	8260	02/24 11:37
6M38412.	EF-1-V-61190(022409)		OK	KL		Aqueous	1	2240	8260	02/24 11:53
6M38413.	MBS11379		OK MBS11379	DB		Aqueous	1	1	624 8260	02/24 12:09
6M38414.	BLK		-	DB		Aqueous	1	1	624 8260	02/24 12:25
6M38415.	AC42869-001		OK	DB	VO10-624	Aqueous	1	1	624	02/24 12:41
6M38416.	AC42869-002(100X)		RR-10X see below	DB	VO10-624	Aqueous	1	100	624	02/24 12:59
6M38417.	AC42869-003(100X)		RR-20X - high naphthalene	DB	VO10-624	Aqueous	1	100	624	02/24 13:20
6M38418.	AC42869-004(100X)		OK	DB	VO10-624	Aqueous	1	100	624	02/24 13:40
6M38419.	AC42868-006		RR-1X - TIC CO see below	DB	VO10-624	Aqueous	1	1	624	02/24 13:58
6M38420.	AC42868-008		OK	DB	VO10-624	Aqueous	1	1	624	02/24 14:13
6M38421.	AC42868-009		OK	DB	VO10-624	Aqueous	1	1	624	02/24 14:29
6M38422.	AC42873-001	Oc	RR-100X	DB	VO10-624	Aqueous	1	1	624	02/24 14:45
6M38423.	AC42873-002	Oc	RR-10X	DB	VO10-624	Aqueous	1	1	624	02/24 15:01
6M38424.	MBS11381		N/G MBS11381	DB		Aqueous	1	1	624 8260	02/24 15:16
6M38425.	AC42833-006(T:MS)		OK MBS11379	DB	VOTCLP-826	Aqueous	1	1	624 8260	02/24 15:32
6M38426.	AC42833-006(T:MSD)		OK MBS11379	DB	VOTCLP-826	Aqueous	1	1	624 8260	02/24 15:48
6M38427.	BLK		-	DB		Aqueous	1	1	624 8260	02/24 16:04
6M38428.	AC42869-002(10X)		RR-10X - CO	DB	VO10-624	Aqueous	1	10	624	02/24 16:22
6M38429.	BLK		-	DB		Aqueous	1	1	624 8260	02/24 16:40
6M38430.	AC42868-006		OK	DB	VO10-624	Aqueous	1	1	624	02/24 16:55
6M38431.	AC42841-001		OK	DB	VO-PA-FO82	Methano	1	1	8260	02/24 17:11
6M38432.	AC42855-001		OK	DB	VO10-8260	Methano	1	1	8260	02/24 17:27
6M38433.	BLK		-	DB		Aqueous	1	1	624 8260	02/24 17:43
6M38434.	BLK		-	DB		Aqueous	1	1	624 8260	02/24 17:58
6M38435.	BLK		-	DB		Aqueous	1	1	624 8260	02/24 18:14
6M38436.	BLK		-	DB		Aqueous	1	1	624 8260	02/24 18:30
6M38437.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/24 18:46
6M38438.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/24 19:01
6M38439.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/24 19:17
6M38440.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/24 19:32

Anc	Area Not Checked	En	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclo/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclo Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calnot csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	Problem Checking Prep/rundatas modcheckprerunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-1M42010

Instrument: GCMS_1 Year: 2009
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M42010.	BFB TUNE		OK,V-59620,V-58441,V-60607	DB						02/23 07:55
1M42011.	CAL @ 50 PPB	C16C18	-	DB		Soil	0.4	1	624 8260	02/23 08:31
1M42013.	50 PPB	C8f	-	DB		Soil	1	1	8260	02/23 09:15
1M42014.	CAL @ 50 PPB		B-5258	DB		Soil	1	1	624 8260	02/23 09:43
1M42016.	CAL @ 500 PPB	Oc	B-5258	DB		Soil	1	1	624 8260	02/23 10:17
1M42017.	CAL @ 250 PPB	Oc	B-5258	DB		Soil	1	1	624 8260	02/23 10:34
1M42018.	CAL @ 100 PPB		B-5258	DB		Soil	1	1	624 8260	02/23 10:51
1M42019.	CAL @ 20 PPB		B-5258	DB		Soil	1	1	624 8260	02/23 11:08
1M42020.	CAL @ 10 PPB		B-5258	DB		Soil	1	1	624 8260	02/23 11:25
1M42021.	CAL @ 5 PPB		B-5258	DB		Soil	1	1	624 8260	02/23 11:42
1M42022.	CAL @ 1 PPB		B-5258	DB		Soil	1	1	624 8260	02/23 11:59
1M42023.	ICV	IvoSd	V-61388	DB		Soil	2.5	1	8260	02/23 12:16
1M42024.	BLK		-	DB		Soil	1	1	8260	02/23 12:37
1M42025.	DAILY BLANK		OK	DB		Soil	1	1	8260	02/23 12:54
1M42026.	BLK	S8AoRo	-	DB		Soil	1	1	8260	02/23 13:06
1M42027.	MBS11367		- MBS11367	DB		Soil	1	1	8260	02/23 13:16
1M42028.	BLK		-	DB		Soil	1	1	8260	02/23 13:36
1M42029.	AC42731-002		OK	DB	VO10-8260	Soil	1	1	8260	02/23 13:53
1M42030.	AC42731-004		OK	DB	VO10-8260	Soil	1	1	8260	02/23 14:10
1M42031.	AC42731-007		OK	DB	VO10-8260	Soil	1	1	8260	02/23 14:27
1M42032.	AC42731-006	S8Oc	USE MEXT RUN	DB	VO10-8260	Soil	1	1	8260	02/23 14:45
1M42033.	MBS11369		OK MBS11369	DB		Soil	1	1	8260	02/23 15:02
1M42034.	AC42725-008		OK	DB	VOBTEX-826	Soil	1	1	8260	02/23 15:19
1M42035.	AC42772-003		OK	DB	VO10-8260	Soil	1	1	8260	02/23 15:36
1M42036.	AC42704-001		OK	DB	VO10-8260	Soil	1	1	8260	02/23 15:53
1M42037.	AC42725-009		OK	DB	VOBTEX-826	Soil	1	1	8260	02/23 16:10
1M42038.	AC42771-001		OK	DB	VO10-8260	Soil	1	1	8260	02/23 16:26
1M42039.	AC42771-002		OK	DB	VO10-8260	Soil	1	1	8260	02/23 16:43
1M42040.	AC42771-003		OK	DB	VO10-8260	Soil	1	1	8260	02/23 17:00
1M42041.	AC42771-004		OK	DB	VO10-8260	Soil	1	1	8260	02/23 17:18
1M42042.	AC42772-001		OK	DB	VO10-8260	Soil	1	1	8260	02/23 17:35
1M42043.	AC42772-002		OK	DB	VO10-8260	Soil	1	1	8260	02/23 17:52
1M42044.	AC42725-007		OK	DB	VOBTEX-826	Soil	1	1	8260	02/23 18:08
1M42045.	AC42725-013		OK	DB	VOBTEX-826	Soil	1	1	8260	02/23 18:25
1M42046.	AC42725-014		OK	DB	VOBTEX-826	Soil	1	1	8260	02/23 18:42
1M42047.	AC42781-001		OK	DB	VO15-8260	Soil	1	1	8260	02/23 18:59
1M42048.	AC42792-001		OK	DB	VO15-8260	Soil	1	1	8260	02/23 19:16
1M42049.	AC42792-002		OK	DB	VO15-8260	Soil	1	1	8260	02/23 19:33
1M42050.	AC42767-001(5X)	S8	USE MEXT RUN	DB	VO10-8260	Soil	1	5	8260	02/23 19:50
1M42051.	MBS11370	Ti8	- MBS11370	DB		Soil	1	1	8260	02/23 20:07
1M42052.	AC42772-003(MS)	S8Ti8Ao	- MBS11370	DB	VO10-8260	Soil	1	1	8260	02/23 20:24
1M42053.	AC42772-003(MSD)	Ti8	- MBS11370	DB	VO10-8260	Soil	1	1	8260	02/23 20:41
1M42054.	BLK	Ti8	-	DB		Soil	1	1	8260	02/23 20:58
1M42055.	BLK	Ti8	-	DB		Soil	1	1	8260	02/23 21:15
1M42056.	BLK	Ti8	-	DB		Soil	1	1	8260	02/23 21:32
1M42057.	BLK	Ti8	-	DB		Soil	1	1	8260	02/23 21:49
1M42058.	BLK	Ti8	-	DB		Soil	1	1	8260	02/23 22:06
1M42059.	BLK	Ti8	-	DB		Soil	1	1	8260	02/23 22:23
1M42060.	BLK	Ti8	-	DB		Soil	1	1	8260	02/23 22:40

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclo/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclo Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for Init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method.	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncls	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Qc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-1M42123

Instrument: GCMS_1 Year: 2009 0434
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M42123.	BFB TUNE		OK,V-59620,V-61509,V-58441,V-61032	DB						02/25 08:22
1M42124.	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624 8260	02/25 08:31
1M42125.	BLK		-	DB		Soil	1	1	8260	02/25 09:02
1M42126.	DAILY BLANK		OK	DB		Soil	1	1	8260	02/25 09:19
1M42127.	AC42798-007	S8Ao	2ND RUN,REPORT	DB	VO10-8260	Soil	1	1	8260	02/25 09:43
1M42128.	AC42798-002	S8Ao	2ND RUN	DB	VO10-8260	Soil	1	1	8260	02/25 10:00
1M42129.	AC42798-004(5X)	S8Ao	RR-5g	DB	VO10-8260	Soil	1	5	8260	02/25 10:17
1M42130.	MBS11391		OK MBS11391	DB		Soil	1	1	8260	02/25 10:34
1M42131.	AC42725-006		OK	DB	VOBTEX-826	Soil	1	1	8260	02/25 10:51
1M42132.	AC42823-001		OK	DB	VO10-8260	Soil	1	1	8260	02/25 11:31
1M42133.	AC42823-002		RR-5g - TIC CO	DB	VO10-8260	Soil	1	1	8260	02/25 11:48
1M42134.	AC42823-003		OK	DB	VO10-8260	Soil	1	1	8260	02/25 12:05
1M42135.	AC42823-004		OK	DB	VO10-8260	Soil	1	1	8260	02/25 12:22
1M42136.	AC42823-005		RR-5g - possible TIC CO	DB	VO10-8260	Soil	1	1	8260	02/25 12:39
1M42137.	AC42823-006		OK	DB	VO10-8260	Soil	1	1	8260	02/25 12:56
1M42138.	AC42823-007		OK	DB	VO10-8260	Soil	1	1	8260	02/25 13:13
1M42139.	AC42823-008		OK	DB	VO10-8260	Soil	1	1	8260	02/25 13:30
1M42140.	AC42841-002		OK	DB	VO-PA-FO82	Soil	1	1	8260	02/25 13:47
1M42141.	AC42860-002		OK	DB	VO15-8260	Soil	1	1	8260	02/25 14:04
1M42142.	AC42860-004		OK	DB	VO15-8260	Soil	1	1	8260	02/25 14:21
1M42143.	AC42860-006		OK	DB	VO15-8260	Soil	1	1	8260	02/25 14:38
1M42144.	AC42859-006		OK	DB	VO15-8260	Soil	1	1	8260	02/25 14:55
1M42145.	AC42859-004		OK	DB	VO15-8260	Soil	1	1	8260	02/25 15:12
1M42146.	AC42859-002		OK	DB	VO15-8260	Soil	1	1	8260	02/25 15:29
1M42147.	AC42861-001		OK	DB	VO15-8260	Soil	1	1	8260	02/25 15:46
1M42148.	AC42868-001(MS)		OK MBS11391	DB	VO10-8260	Soil	1	1	8260	02/25 16:03
1M42149.	AC42868-001(MSD)		OK MBS11391	DB	VO10-8260	Soil	1	1	8260	02/25 16:20
1M42150.	BLK		-	DB		Soil	1	1	8260	02/25 16:37
1M42151.	BLK		OK	DB		Soil	1	1	8260	02/25 16:54
1M42152.	AC42820-006		OK	DB	VO10-8260	Soil	1	1	8260	02/25 17:11
1M42153.	AC42820-009		OK	DB	VO10-8260	Soil	1	1	8260	02/25 17:28
1M42154.	AC42868-001		RR-5g - CO	DB	VO10-8260	Soil	1	1	8260	02/25 17:45
1M42155.	AC42725-012		OK	DB	VOBTEX-826	Soil	1	1	8260	02/25 18:02
1M42156.	MBS11395		OK MBS11395	DB		Soil	1	1	8260	02/25 18:19
1M42157.	AC42868-002(MS)		OK MBS11395	DB	VO10-8260	Soil	1	1	8260	02/25 18:36
1M42158.	AC42868-002(MSD)		OK MBS11395	DB	VO10-8260	Soil	1	1	8260	02/25 18:53
1M42159.	BLK		-	DB		Soil	1	1	8260	02/25 19:10
1M42160.	AC42868-002		OK MBS11395	DB	VO10-8260	Soil	1	1	8260	02/25 19:27
1M42161.	AC42868-003		OK	DB	VO10-8260	Soil	1	1	8260	02/25 19:44
1M42162.	AC42868-004		OK	DB	VO10-8260	Soil	1	1	8260	02/25 20:01
1M42163.	AC42868-005		OK	DB	VO10-8260	Soil	1	1	8260	02/25 20:18
1M42164.	AC42880-001	Ti8	RR-5g within 12hr clk	DB	VO-8260	Soil	1	1	8260	02/25 20:34
1M42165.	MBS11396	Ti8	- MBS11396	DB		Soil	1	1	8260	02/25 20:51
1M42166.	BLK	Ti8	-	DB		Soil	1	1	8260	02/25 21:08
1M42167.	BLK	Ti8	-	DB		Soil	1	1	8260	02/25 21:25
1M42168.	BLK	Ti8	-	DB		Soil	1	1	8260	02/25 21:42
1M42169.	BLK	Ti8	-	DB		Soil	1	1	8260	02/25 21:59
1M42170.	BLK	Ti8	-	DB		Soil	1	1	8260	02/25 22:16
1M42171.	BLK	Ti8	-	DB		Soil	1	1	8260	02/25 22:33
1M42172.	BLK	Ti8	-	DB		Soil	1	1	8260	02/25 22:50

Anc	Area Not Checked	En	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endinn Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method.	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprerunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-1M42178

Instrument: GCMS_1 Year: 2009
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M42178.	BFB TUNE		OK,V-59620,V-61525,V-58441,V-61032	DB						02/26 07:57
1M42179.	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624 8260	02/26 08:07
1M42180.	BLK		-	DB		Soil	1	1	8260	02/26 08:26
1M42181.	DAILY BLANK		OK	DB		Soil	1	1	8260	02/26 08:43
1M42182.	BLK		-	DB		Soil	1	1	8260	02/26 09:00
1M42183.	MBS11399		OK MBS11399	DB		Soil	1	1	8260	02/26 09:17
1M42184.	BLK		-	DB		Soil	1	1	8260	02/26 09:38
1M42185.	AC42823-002		OK	DB	VO10-8260	Soil	1	1	8260	02/26 09:55
1M42186.	AC42823-005		OK	DB	VO10-8260	Soil	1	1	8260	02/26 10:12
1M42187.	AC42845-001		OK MBS11399	DB	VO10-8260	Soil	1	1	8260	02/26 10:29
1M42188.	AC42845-002	S8Ao	2ND RUN,REPORT MBS11402	DB	VO10-8260	Soil	1	1	8260	02/26 10:46
1M42189.	AC42845-003	Ao	2ND RUN,REPORT	DB	VO10-8260	Soil	1	1	8260	02/26 11:03
1M42190.	AC42845-004		OK	DB	VO10-8260	Soil	1	1	8260	02/26 11:20
1M42191.	AC42866-001		OK	DB	VO15-8260	Soil	1	1	8260	02/26 11:37
1M42192.	AC42866-002		OK	DB	VO15-8260	Soil	1	1	8260	02/26 11:54
1M42193.	AC42866-003		OK	DB	VO15-8260	Soil	1	1	8260	02/26 12:11
1M42194.	AC42866-004		OK	DB	VO15-8260	Soil	1	1	8260	02/26 12:28
1M42195.	AC42866-005		OK	DB	VO15-8260	Soil	1	1	8260	02/26 12:45
1M42196.	AC42866-006		OK	DB	VO15-8260	Soil	1	1	8260	02/26 13:02
1M42197.	AC42866-007		OK	DB	VO15-8260	Soil	1	1	8260	02/26 13:19
1M42198.	AC42866-008		OK	DB	VO15-8260	Soil	1	1	8260	02/26 13:36
1M42199.	AC42866-009		OK	DB	VO15-8260	Soil	1	1	8260	02/26 13:53
1M42200.	AC42866-010		OK	DB	VO15-8260	Soil	1	1	8260	02/26 14:10
1M42201.	AC42866-011		OK	DB	VO15-8260	Soil	1	1	8260	02/26 14:27
1M42202.	AC42866-012	Oc	RR-1g OR MEXT	DB	VO15-8260	Soil	1	1	8260	02/26 14:44
1M42203.	AC42798-004	S8Ao	2ND RUN, OK,REPORT	DB	VO10-8260	Soil	1	1	8260	02/26 15:01
1M42204.	AC42845-001(MS)	S8Ao	OK MBS11399	DB	VO10-8260	Soil	1	1	8260	02/26 15:18
1M42205.	AC42845-001(MSD)		OK MBS11399	DB	VO10-8260	Soil	1	1	8260	02/26 15:35
1M42206.	AC42880-001		OK	DB	VO-8260	Soil	1	1	8260	02/26 15:52
1M42207.	BLK		-	DB		Soil	1	1	8260	02/26 16:09
1M42208.	AC42868-001		OK	DB	VO10-8260	Soil	1	1	8260	02/26 16:26
1M42209.	AC42820-007		OK	DB	VO10-8260	Soil	1	1	8260	02/26 16:43
1M42210.	AC42820-008		OK	DB	VO10-8260	Soil	1	1	8260	02/26 17:00
1M42211.	MBS11402		OK MBS11402	DB		Soil	1	1	8260	02/26 17:17
1M42212.	AC42845-002(MS)	S8Ao	OK MBS11402	DB	VO10-8260	Soil	1	1	8260	02/26 17:34
1M42213.	AC42845-002(MSD)	S8Ao	OK MBS11402	DB	VO10-8260	Soil	1	1	8260	02/26 17:51
1M42214.	AC42789-001		OK	DB	VO-8260	Soil	1	1	8260	02/26 18:08
1M42215.	AC42788-004		OK	DB	VO10-8260	Soil	1	1	8260	02/26 18:25
1M42216.	AC42788-005		OK	DB	VO10-8260	Soil	1	1	8260	02/26 18:42
1M42217.	AC42788-006		OK	DB	VO10-8260	Soil	1	1	8260	02/26 18:59
1M42218.	AC42788-007		OK	DB	VO10-8260	Soil	1	1	8260	02/26 19:16
1M42219.	AC42788-011		OK	DB	VO10-8260	Soil	1	1	8260	02/26 19:33
1M42220.	AC42808-001		OK	DB	VO10-8260	Soil	1	1	8260	02/26 19:50
1M42221.	BLK	Ti8	-	DB		Soil	1	1	8260	02/26 20:07
1M42222.	BLK	Ti8	-	DB		Soil	1	1	8260	02/26 20:24
1M42223.	BLK	Ti8	-	DB		Soil	1	1	8260	02/26 20:41
1M42224.	BLK	Ti8	-	DB		Soil	1	1	8260	02/26 20:58
1M42225.	BLK	Ti8	-	DB		Soil	1	1	8260	02/26 21:15
1M42226.	BLK	Ti8	-	DB		Soil	1	1	8260	02/26 21:31
1M42227.	BLK	Ti8	-	DB		Soil	1	1	8260	02/26 21:48
1M42228.	BLK	Ti8	-	DB		Soil	1	1	8260	02/26 22:05

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method.	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	Sd	Surrogate Diluted Out
D1o,D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	Problem Checking Prep/rundates modcheckprepruna	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-1M42230

Instrument: GCMS_1 Year: 2009
Analyst: SG

0436

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M42230.	BFB TUNE		OK,V-59620,V-61559,V-58441,V-61032	DB						02/27 06:27
1M42231.	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624 8260	02/27 06:43
1M42232.	BLK		-	DB		Soil	1	1	8260	02/27 07:05
1M42233.	DAILY BLANK		OK	DB		Soil	1	1	8260	02/27 07:22
1M42234.	MBS11407		OK MBS11407	DB		Soil	1	1	8260	02/27 07:41
1M42235.	BLKTEST		-	DB		Soil	1	1	8260	02/27 07:58
1M42236.	AC42959-003		OK	DB	VO10-8260	Soil	1	1	8260	02/27 08:15
1M42237.	AC42959-004		OK	DB	VO10-8260	Soil	1	1	8260	02/27 08:32
1M42238.	AC42863-001		OK	DB	VO10-8260	Soil	1	1	8260	02/27 08:49
1M42239.	AC42863-002		OK	DB	VO10-8260	Soil	1	1	8260	02/27 09:06
1M42240.	AC42863-003		OK	DB	VO10-8260	Soil	1	1	8260	02/27 09:23
1M42241.	AC42863-004		OK	DB	VO10-8260	Soil	1	1	8260	02/27 09:40
1M42242.	AC42863-005		OK	DB	VO10-8260	Soil	1	1	8260	02/27 09:57
1M42243.	AC42863-006	S8	RR-5g	DB	VO10-8260	Soil	1	1	8260	02/27 10:14
1M42244.	AC42953-002(5X)		OK	DB	VOSTARS-82	Soil	1	5	8260	02/27 10:31
1M42245.	MBS11410		OK MBS11410	DB		Soil	1	1	8260	02/27 10:48
1M42246.	AC42789-001(MS)		OK MBS11407	DB	VO-8260	Soil	1	1	8260	02/27 11:05
1M42247.	AC42789-001(MSD)		OK MBS11407	DB	VO-8260	Soil	1	1	8260	02/27 11:22
1M42248.	BLK		-	DB		Soil	1	1	8260	02/27 11:39
1M42249.	AC42918-007		OK	DB	VO10-8260	Soil	1	1	8260	02/27 11:56
1M42250.	AC42951-001	S8Ao	RR- 5G	KL	VO-8260	Soil	1	1	8260	02/27 12:14
1M42251.	MBS11413		- MBS11413	DB		Soil	1	1	8260	02/27 12:30
1M42252.	BLK		-	DB		Soil	1	1	8260	02/27 12:47
1M42253.	AC42863-006	S8Ao	2ND RUN	DB	VO10-8260	Soil	1	1	8260	02/27 13:04
1M42254.	AC42866-012		OK	KL	VO15-8260	Soil	1	1	8260	02/27 13:21
1M42255.	AC42875-001	S8Ao	RR- 5G	KL	VO10-8260	Soil	1	1	8260	02/27 13:38
1M42256.	AC42951-001	S8Ao	Confirms surr.	KL	VO-8260	Soil	1	1	8260	02/27 13:55
1M42257.	AC42868-005(MS)	M18	OK MBS11410	DB	VO10-8260	Soil	1	1	8260	02/27 14:12
1M42258.	AC42875-001	S8Ao	Confirms surr.	KL	VO10-8260	Soil	1	1	8260	02/27 14:30
1M42259.	AC42868-005(MSD)	M18	OK MBS11410	DB	VO10-8260	Soil	1	1	8260	02/27 14:47
1M42260.	BLK		-	DB		Soil	1	1	8260	02/27 15:04
1M42261.	BLK		-	DB		Soil	1	1	8260	02/27 15:21
1M42262.	AC42990-002		OK	DB	VO10-8260	Soil	1	1	8260	02/27 15:38
1M42263.	MBS11416		OK MBS11416	DB		Soil	1	1	8260	02/27 15:55
1M42264.	BLK		-	DB		Soil	1	1	8260	02/27 16:12
1M42265.	AC42916-001		OK	DB	VO10-8260	Soil	1	1	8260	02/27 16:29
1M42266.	AC42916-002		OK	DB	VO10-8260	Soil	1	1	8260	02/27 16:46
1M42267.	AC42916-008		OK	DB	VO10-8260	Soil	1	1	8260	02/27 17:03
1M42268.	AC42916-014		OK	DB	VO10-8260	Soil	1	1	8260	02/27 17:20
1M42269.	AC42916-015		OK	DB	VO10-8260	Soil	1	1	8260	02/27 17:37
1M42271.	AC42880-001(MS)		- MBS11416	DB	VO-8260	Soil	1	1	8260	02/27 17:54
1M42272.	AC42880-001(MSD)	Ao	- MBS11416	DB	VO-8260	Soil	1	1	8260	02/27 18:11
1M42273.	MBS11418	Ti8	- MBS11418	DB		Soil	1	1	8260	02/27 18:28
1M42274.	BLK	Ti8	-	DB		Soil	1	1	8260	02/27 18:45
1M42275.	BLK	Ti8	-	DB		Soil	1	1	8260	02/27 19:02
1M42276.	BLK	Ti8	-	DB		Soil	1	1	8260	02/27 19:19
1M42277.	BLK	Ti8	-	DB		Soil	1	1	8260	02/27 19:36
1M42278.	BLK	Ti8	-	DB		Soil	1	1	8260	02/27 19:53
1M42279.	BLK	Ti8	-	DB		Soil	1	1	8260	02/27 20:10
1M42280.	BLK	Ti8	-	DB		Soil	1	1	8260	02/27 20:27
1M42281.	BLK	Ti8	-	DB		Soil	1	1	8260	02/27 20:43
1M42282.	BLK	Ti8	-	DB		Soil	1	1	8260	02/27 21:00

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	*Blank 600 series missing*	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before *Collection Date*	R18,R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	*Calibration Column 2 Out (600 Series)*	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	*Prob with calcst.csv for Init calibration chek rfs*	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	*Calibration Not Checked for sample/blank/eval*	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	*M18,M28*	*Spike Out Col 1 and or Col 2 8000 series*	Ti6	Outside of 600 series Tune time/Cal Time
Eha	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	*Problem Checking Pren/rundates modcheckprepnunda*	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	*If for 600 ser Too many samples begin Calibration*

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-51813

Prepared By: Revolus, Jean
Description: CYCLOHEXANONE
Prep Date: 9/12/2008
Expiration Date: 9/12/2009
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2726	CYCLOHEXANONE	50 mg	NEAT	10000 ppm
3593	Methanol	5 ml	neat neat	

Veritech Lot Number: V-54401

Prepared By: Revolus, Jean
Description: VOA STOCK INT/SURR MIX
Prep Date: 10/22/2008
Expiration Date: 10/22/2009
Department: Organics
BatchNumber:
Concentration: 1500 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3178	1,2-Dichloroethane-d4	150 mg	NEAT	1500 ppm
1297	TOLUENE-D8	150 mg	NEAT	1500 ppm
1295	CHLOROBENZENE-D5	150 mg	NEAT	1500 ppm
777	1-bromo-4-fluorobenzenne	150 mg	neat	1500 ppm
2615	1,4-Dichlorobenzene-d4	150 mg	neat neat	1500 ppm
3661	Fluorobenzene	150 mg	NEAT	1500 ppm
3693	Dibromofluoromethane	150 mg	NEAT	1500 ppm
3232	Methanol	100 ml	neat neat	

Veritech Lot Number: V-58441

Prepared By: Previlon, Wilner
Description: VOA WORKING INT/SURR MIX
Prep Date: 2/26/2009
Expiration Date: 8/26/2009
Department: Organics
BatchNumber:
Concentration: 150 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1912	METHANOL	225 ml	NEAT	
V-54401	VOA STOCK INT/SURR MIX	25 ml	1500 ppm	150 ppm

Veritech Lot Number: V-59551

Prepared By: Rana, Kalpeshkumar V
Description: VOA ADD MIX
Prep Date: 1/23/2009
Expiration Date: 1/23/2010
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm
3741	Methanol	5 ml	neat neat	

Veritech Lot Number: V-59552

Prepared By: Rana, Kalpeshkumar V
Description: VOA ADD MIX(2nd Source)
Prep Date: 1/23/2009
Expiration Date: 1/23/2010
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
3741	Methanol	5 ml	neat neat	
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-59620

Prepared By: Previlon, Wilner
Description: BFB Tune Mix
Prep Date: 1/26/2009
Expiration Date: 6/7/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1.5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58441	VOA WORKING INT/SURR MIX	500 ul	150 ppm	50 ppm
1230	METHANOL	1000 ul	NEAT	

Veritech Lot Number: V-60607

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 2/6/2009
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3838	8260 ADDITIONS	50 ul	2000 ppm	100 ppm
3839	502/524 Voa Cal Mix	50 ul	2000 ppm	100 ppm
3850	Voa Comp Mix # 6(Gases)	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
3443	Custom VOC Standard	50 ul	Various	100 ppm
V-59552	VOA ADD MIX(2nd Source)	20 ul	5000 ppm	100 ppm
3607	Cyclohexanone	50 ul	1008 ug/ml	100 ppm
3749	tert-Amyl methyl ether	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-61031

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 2/17/2009
Expiration Date: 3/13/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3809	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	neat
3442	Custom VOC Mix	100 ul	Various	various ppm
3831	8260 ADDITIONS	100 ul	2000 ppm	various ppm
3712	VOA GASES COMP MIX	100 ul	2000 ppm	200 ppm
3807	tert-Amyl Methyl Ether	100 ul	2000 ppm	200
V-59551	VOA ADD MIX	40 ul	5000 ppm	200
V-51813	CYCLOHEXANONE	100 ul	10000 ppm	200

Veritech Lot Number: V-61032

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 2/17/2009
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3838	8260 ADDITIONS	50 ul	2000 ppm	100 ppm
3839	502/524 Voa Cal Mix	50 ul	2000 ppm	100 ppm
3850	Voa Comp Mix # 6(Gases)	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
3443	Custom VOC Standard	50 ul	Various	100 ppm
V-59552	VOA ADD MIX(2nd Source)	20 ul	5000 ppm	100 ppm
3607	Cyclohexanone	50 ul	1008 ug/ml	100 ppm
3749	tert-Amyl methyl ether	50 ul	2000 ppm	100 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61379

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 500 PPB
Prep Date: 2/23/2009
Expiration Date: 2/24/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 40 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61031	200ppm VOA Working Std	100 ul	VARIOUS pp	500 ppb
1398	p&t water	40 ml	neat neat	neat
3664	Chlorodifluoromethane (Freon#22)	100	200 ppm	500 ppb

Veritech Lot Number: V-61380

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 250 PPB
Prep Date: 2/23/2009
Expiration Date: 2/24/2009
Department: Organics
BatchNumber: B-5258
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61379	Soil8260 CAL @ 500 PPB	2.5 ml	VARIOUS pp	250 ppb
1398	p&t water	2.5 ml	neat neat	

Veritech Lot Number: V-61381

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 100 PPB
Prep Date: 2/23/2009
Expiration Date: 2/24/2009
Department: Organics
BatchNumber: B-5258
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water		neat neat	
V-61379	Soil8260 CAL @ 500 PPB		VARIOUS pp	

Veritech Lot Number: V-61382

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 50 PPB
Prep Date: 2/23/2009
Expiration Date: 2/24/2009
Department: Organics
BatchNumber: B-5258
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61379	Soil8260 CAL @ 500 PPB	.5 ml	VARIOUS pp	50 ppb
1398	p&t water	4.5 ml	neat neat	

Veritech Lot Number: V-61383

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 20 PPB
Prep Date: 2/23/2009
Expiration Date: 2/24/2009
Department: Organics
BatchNumber: B-5258
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61379	Soil8260 CAL @ 500 PPB	.2 ml	VARIOUS pp	20 ppb
1398	p&t water	4.8 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61384

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 10 PPB
Prep Date: 2/23/2009
Expiration Date: 2/24/2009
Department: Organics
BatchNumber: B-5258
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.9 ml	neat neat	
V-61379	Soil8260 CAL @ 500 PPB	.1 ml	VARIOUS pp	10 ppb

Veritech Lot Number: V-61385

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 5 PPB
Prep Date: 2/23/2009
Expiration Date: 2/24/2009
Department: Organics
BatchNumber: B-5258
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.95 ml	neat neat	
V-61379	Soil8260 CAL @ 500 PPB	.05 ml	VARIOUS pp	5 ppb

Veritech Lot Number: V-61386

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 1 PPB
Prep Date: 2/23/2009
Expiration Date: 2/24/2009
Department: Organics
BatchNumber: B-5258
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.99 ml	neat neat	
V-61379	Soil8260 CAL @ 500 PPB	.01 ml	VARIOUS pp	1 ppb

Veritech Lot Number: V-61387

Prepared By: Previlon, Wilner
Description: Soil8260 CAL @ 500 PPB
Prep Date: 2/23/2009
Expiration Date: 2/24/2009
Department: Organics
BatchNumber: B-5258
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61379	Soil8260 CAL @ 500 PPB	5 ml	VARIOUS pp	500 ppb

Veritech Lot Number: V-61388

Prepared By: Previlon, Wilner
Description: ICV CAL @ 50 PPB
Prep Date: 2/23/2009
Expiration Date: 2/24/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	5 ml	neat neat	
V-61032	MBS	2.5 ul	100 ppm	50 ppb
3664	Chlorodifluoromethane (Freon#22)	1.25	200 ppm	50

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61509

Prepared By: Previlon, Wilner
Description: CAL @ 50 PPB
Prep Date: 2/25/2009
Expiration Date: 2/26/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61031	200ppm VOA Working Std	1.25 ul	VARIOUS pp	50 ppb
1398	p&t water	5 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	1.25 ul	200 ppm	50 ppb

Veritech Lot Number: V-61525

Prepared By: Previlon, Wilner
Description: CAL @ 50 PPB
Prep Date: 2/26/2009
Expiration Date: 2/27/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61031	200ppm VOA Working Std	1.25 ul	VARIOUS pp	50 ppb
1398	p&t water	5 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	1.25 ul	200 ppm	50 ppb

Veritech Lot Number: V-61559

Prepared By: Goring, Shawn
Description: CAL @ 50 PPB
Prep Date: 2/27/2009
Expiration Date: 2/28/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61031	200ppm VOA Working Std	1.25 ul	VARIOUS pp	50 ppb
1398	p&t water	5 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	1.25 ul	200 ppm	50 ppb

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 777

Description
1-bromo-4-fluorobenzenne

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	b6,720-1	08115kn	06/05/01	06/11/11	jean	1	25ml	neat	

Veritech Control/Receipt Number: 1230

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	045850	06/22/05	06/22/15	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1295

Description
CHLOROBENZENE-D5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	176605-1G	02702EA	09/06/05	09/30/15	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 1297

Description
TOLUENE-D8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	434388-5G	02504HB	09/06/05	09/30/15	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1308

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	052204	09/14/05	09/14/10	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1398

Description
p&t water

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
veritech	na	na	01/01/08	11/01/10	Batelli, Daniel	1	na	neat	neat

Veritech Control/Receipt Number: 1588

Description
P&T METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	055310	03/03/06	03/03/10	Wickliffe, David	6	1L	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1912

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	063720	09/07/06	08/28/10	Revolus, Jean	42	1L	NEAT	

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2726

Description
CYCLOHEXANONE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F2326	352-153B	09/04/07	01/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2880

Description
p-ETHYLTOLUENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2413	376-30A	11/19/07	01/31/12	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2881

Description
p-DIETHYLBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2296	371-140A	11/19/07	12/31/10	Revolus, Jean	3	100m	NEAT	

Veritech Control/Receipt Number: 2889

Description
1,2,4,5-TETRAMETHYLBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACROS ORGANI	409390050	A0214190	11/20/07	11/30/20	Revolus, Jean	1	1ML	NEAT	

Veritech Control/Receipt Number: 3178

Description
1,2-Dichloroethane-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	396540-1G	EW0372	03/26/08	03/26/18	Revolus, Jean	1	1g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3232

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9077-02	E20E38	04/15/08	04/14/11	Lopez, Jose	48	1L	neat	neat

Veritech Control/Receipt Number: 3442

Description
Custom VOC Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B8070002	07/03/08	07/02/09	Revolus, Jean	5	1ml	Various	

Veritech Control/Receipt Number: 3443

Description
Custom VOC Standard

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B8070005	07/03/08	07/02/09	Revolus, Jean	5	1ml	Various	

Veritech Control/Receipt Number: 3593

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9077-02	E22E25	09/09/08	09/08/10	Okomeng, Maxwel	30	1LT	neat	neat

Veritech Control/Receipt Number: 3607

Description
Cyclohexanone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accustd	M-554-04	108-94-1	09/18/08	03/31/09	Hamid, Akmal	2	1ml	1008	ug/ml

Veritech Control/Receipt Number: 3661

Description
Fluorobenzene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F839	388-117B	10/06/08	09/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Control/Receipt Number: 3664

Description
Chlorodifluoromethane (Freon#22)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	B8040176	10/10/08	04/14/18	Revolus, Jean	10	1ml	200	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3693

Description
Dibromofluoromethane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30634	A063048	10/22/08	09/30/13	Revolus, Jean	5	100m	NEAT	

Veritech Control/Receipt Number: 3712

Description
VOA GASES COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-601B-10X-PAK	B8070073	11/07/08	07/10/11	Revolus, Jean	10	1ML	2000	PPM

Veritech Control/Receipt Number: 3741

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	907702	G32E79	11/13/08	11/12/10	Okomeng, Maxwel	48	1LT	neat	neat

Veritech Control/Receipt Number: 3749

Description
tert-Amyl methyl ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-06737	LB60583	11/18/08	11/30/11	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3807

Description
tert-Amyl Methyl Ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30629	A052131	01/07/09	05/31/12	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3809

Description
502/524 VOA CAL MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	LVOC-1RPM	414-98A	01/07/09	12/31/09	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3831

Description
8260 ADDITIONS

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8260-ADD-10X	B8110117	01/08/09	03/13/09	Revolus, Jean	3	1ML	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3838

Description
8260 ADDITIONS

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	46831-U	LB55764	01/09/09	12/31/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3839

Description
502/524 Voa Cal Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-02111	LB62001	01/12/09	10/31/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3850

Description
Voa Comp Mix # 6(Gases)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48799-U	LB63139	01/19/09	03/31/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-59620

Prepared By: Previlon, Wilner
Description: BFB Tune Mix
Prep Date: 1/26/2009
Expiration Date: 6/7/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1.5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58441	VOA WORKING INT/SURR MIX	500 ul	150 ppm	50 ppm
1230	METHANOL	1000 ul	NEAT	

Veritech Lot Number: V-60393

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 2/4/2009
Expiration Date: 3/13/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3809	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	neat
3442	Custom VOC Mix	100 ul	Various	various ppm
3831	8260 ADDITIONS	100 ul	2000 ppm	various ppm
3712	VOA GASES COMP MIX	100 ul	2000 ppm	200 ppm
3807	tert-Amyl Methyl Ether	100 ul	2000 ppm	200
V-59551	VOA ADD MIX	40 ul	5000 ppm	200
V-51813	CYCLOHEXANONE	100 ul	10000 ppm	200

Veritech Lot Number: V-60607

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 2/6/2009
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3838	8260 ADDITIONS	50 ul	2000 ppm	100 ppm
3839	502/524 Voa Cal Mix	50 ul	2000 ppm	100 ppm
3850	Voa Comp Mix # 6(Gases)	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
3443	Custom VOC Standard	50 ul	Various	100 ppm
V-59552	VOA ADD MIX(2nd Source)	20 ul	5000 ppm	100 ppm
3607	Cyclohexanone	50 ul	1008 ug/ml	100 ppm
3749	tert-Amyl methyl ether	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-60608

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 250 PPB
Prep Date: 2/6/2009
Expiration Date: 2/13/2009
Department: Organics
BatchNumber: B-5161
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60393	200ppm VOA Working Std	125 ul	VARIOUS pp	250 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	125 ul	200 ppm	250 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60609

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 100 PPB
Prep Date: 2/6/2009
Expiration Date: 2/13/2009
Department: Organics
BatchNumber: B-5161
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60393	200ppm VOA Working Std	50 ul	VARIOUS pp	100 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	50 ul	200 ppm	100 ppb

Veritech Lot Number: V-60610

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 50 PPB
Prep Date: 2/6/2009
Expiration Date: 2/13/2009
Department: Organics
BatchNumber: B-5161
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60393	200ppm VOA Working Std	25 ul	VARIOUS pp	50 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	25 ul	200 ppm	50 ppb

Veritech Lot Number: V-60611

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 20 PPB
Prep Date: 2/6/2009
Expiration Date: 2/13/2009
Department: Organics
BatchNumber: B-5161
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60393	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Lot Number: V-60612

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 10 PPB
Prep Date: 2/6/2009
Expiration Date: 2/13/2009
Department: Organics
BatchNumber: B-5161
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60393	200ppm VOA Working Std	5 ul	VARIOUS pp	10 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	5 ul	200 ppm	10 ppb

Veritech Lot Number: V-60613

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 5 PPB
Prep Date: 2/6/2009
Expiration Date: 2/13/2009
Department: Organics
BatchNumber: B-5161
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60393	200ppm VOA Working Std	2.5 ul	VARIOUS pp	5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	2.5 ul	200 ppm	5 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60614

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 1 PPB
Prep Date: 2/6/2009
Expiration Date: 2/13/2009
Department: Organics
BatchNumber: B-5161
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60393	200ppm VOA Working Std	.5 ul	VARIOUS pp	1 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.5 ul	200 ppm	1

Veritech Lot Number: V-60615

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 0.5 PPB
Prep Date: 2/6/2009
Expiration Date: 2/13/2009
Department: Organics
BatchNumber: B-5161
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60393	200ppm VOA Working Std	.25 ul	VARIOUS pp	0.5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.25 ul	200 ppm	0.5

Veritech Lot Number: V-60616

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 500 PPB
Prep Date: 2/6/2009
Expiration Date: 2/13/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60393	200ppm VOA Working Std	250 ul	VARIOUS pp	500 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	250 ul	200 ppm	500 ppb

Veritech Lot Number: V-60618

Prepared By: Previlon, Wilner
Description: ICV CAL @ 20 PPB
Prep Date: 2/6/2009
Expiration Date: 2/13/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60607	MBS	20 ul	100 ppm	20
1398	p&t water	100 ml	neat neat	neat
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Lot Number: V-61031

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 2/17/2009
Expiration Date: 3/13/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3809	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	neat
3442	Custom VOC Mix	100 ul	Various	various ppm
3831	8260 ADDITIONS	100 ul	2000 ppm	various ppm
3712	VOA GASES COMP MIX	100 ul	2000 ppm	200 ppm
3807	tert-Amyl Methyl Ether	100 ul	2000 ppm	200
V-59551	VOA ADD MIX	40 ul	5000 ppm	200
V-51813	CYCLOHEXANONE	100 ul	10000 ppm	200

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61192

Prepared By:	Goring, Shawn	Department:	Organics
Description:	CAL @ 20 PPB	BatchNumber:	
Prep Date:	2/20/2009	Concentration:	VARIOUS
Expiration Date:	2/27/2009	Final Volume:	100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61031	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Lot Number: V-61299

Prepared By:	Previlon, Wilner	Department:	Organics
Description:	CAL @ 20 PPB	BatchNumber:	
Prep Date:	2/23/2009	Concentration:	VARIOUS
Expiration Date:	3/2/2009	Final Volume:	100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61031	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Lot Number: V-61403

Prepared By:	Previlon, Wilner	Department:	Organics
Description:	CAL @ 20 PPB	BatchNumber:	
Prep Date:	2/24/2009	Concentration:	VARIOUS
Expiration Date:	3/3/2009	Final Volume:	100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61031	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 777

Description
1-bromo-4-fluorobenzenne

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	b6,720-1	08115kn	06/05/01	06/11/11	jean	1	25ml	neat	

Veritech Control/Receipt Number: 1230

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	045850	06/22/05	06/22/15	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1295

Description
CHLOROBENZENE-D5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	176605-1G	02702EA	09/06/05	09/30/15	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 1297

Description
TOLUENE-D8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	434388-5G	02504HB	09/06/05	09/30/15	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1308

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	052204	09/14/05	09/14/10	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1398

Description
p&t water

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
veritech	na	na	01/01/08	11/01/10	Batelli, Daniel	1	na	neat	neat

Veritech Control/Receipt Number: 1588

Description
P&T METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	055310	03/03/06	03/03/10	Wickliffe, David	6	1L	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1912

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	063720	09/07/06	08/28/10	Revolus, Jean	42	1L	NEAT	

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2726

Description
CYCLOHEXANONE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F2326	352-153B	09/04/07	01/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2880

Description
p-ETHYLTOLUENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2413	376-30A	11/19/07	01/31/12	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2881

Description
p-DIETHYLBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2296	371-140A	11/19/07	12/31/10	Revolus, Jean	3	100m	NEAT	

Veritech Control/Receipt Number: 2889

Description
1,2,4,5-TETRAMETHYLBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACROS ORGANI	409390050	A0214190	11/20/07	11/30/20	Revolus, Jean	1	1ML	NEAT	

Veritech Control/Receipt Number: 3178

Description
1,2-Dichloroethane-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	396540-1G	EW0372	03/26/08	03/26/18	Revolus, Jean	1	1g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3232

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9077-02	E20E38	04/15/08	04/14/11	Lopez, Jose	48	1L	neat	neat

Veritech Control/Receipt Number: 3235

Description
CHLORODIFLUOROMETHANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	B8040176	04/15/08	04/14/18	Revolus, Jean	5	1ML	200	PPM

Veritech Control/Receipt Number: 3442

Description
Custom VOC Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B8070002	07/03/08	07/02/09	Revolus, Jean	5	1ml	Various	

Veritech Control/Receipt Number: 3443

Description
Custom VOC Standard

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B8070005	07/03/08	07/02/09	Revolus, Jean	5	1ml	Various	

Veritech Control/Receipt Number: 3593

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9077-02	E22E25	09/09/08	09/08/10	Okomeng, Maxwel	30	1LT	neat	neat

Veritech Control/Receipt Number: 3607

Description
Cyclohexanone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accustd	M-554-04	108-94-1	09/18/08	03/31/09	Hamid, Akmal	2	1ml	1008	ug/ml

Veritech Control/Receipt Number: 3661

Description
Fluorobenzene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F839	388-117B	10/06/08	09/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3664

Description
Chlorodifluoromethane (Freon#22)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	B8040176	10/10/08	04/14/18	Revolus, Jean	10	1ml	200	PPM

Veritech Control/Receipt Number: 3693

Description
Dibromofluoromethane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30634	A063048	10/22/08	09/30/13	Revolus, Jean	5	100m	NEAT	

Veritech Control/Receipt Number: 3712

Description
VOA GASES COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-601B-10X-PAK	B8070073	11/07/08	07/10/11	Revolus, Jean	10	1ML	2000	PPM

Veritech Control/Receipt Number: 3741

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	907702	G32E79	11/13/08	11/12/10	Okomeng, Maxwel	48	1LT	neat	neat

Veritech Control/Receipt Number: 3749

Description
tert-Amyl methyl ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-06737	LB60583	11/18/08	11/30/11	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3807

Description
tert-Amyl Methyl Ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30629	A052131	01/07/09	05/31/12	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3809

Description
502/524 VOA CAL MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	LVOC-1RPM	414-98A	01/07/09	12/31/09	Revolus, Jean	5	1ML	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3831

Description
8260 ADDITIONS

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8260-ADD-10X	B8110117	01/08/09	03/13/09	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3838

Description
8260 ADDITIONS

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	46831-U	LB55764	01/09/09	12/31/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3839

Description
502/524 Voa Cal Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-02111	LB62001	01/12/09	10/31/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3850

Description
Voa Comp Mix # 6(Gases)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48799-U	LB63139	01/19/09	03/31/10	Revolus, Jean	5	1ML	2000	PPM

GC/MS Semi-Volatile Data

GC/MS Semi-Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8270C

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
10M03167.D	SMB4052	Soil	02/24/09 13:17	1		102	96	92	94	85	99
10M03183.D	AC42868-001	Soil	02/24/09 20:10	1		98	91	82	76	80	97
10M03184.D	AC42868-002	Soil	02/24/09 20:32	1		98	92	81	79	82	111
10M03185.D	AC42868-003	Soil	02/24/09 20:54	1		94	90	85	85	81	108
10M03186.D	AC42868-004	Soil	02/24/09 21:16	1		88	84	81	80	85	106
10M03187.D	AC42868-005	Soil	02/24/09 21:38	1		94	93	82	81	88	111
10M03166.D	SMB4052(MS)	Soil	02/24/09 12:54	1		98	95	94	92	90	102
10M03173.D	AC42820-007	Soil	02/24/09 15:29	1		72	76	76	77	92	88
10M03174.D	AC42820-007(	Soil	02/24/09 15:51	1		61	68	62	62	73	79
10M03175.D	AC42820-007(	Soil	02/24/09 16:13	1		73	77	71	69	80	85

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	36-114
S2=Phenol-d5	100	32-113
S3=Nitrobenzene-d5	50	37-116
S4=2-Fluorobiphenyl	50	47-113
S5=2,4,6-Tribromophenol	100	31-140
S6=Terphenyl-d14	50	41-152

FORM2

Surrogate Recovery

Method: EPA 625

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
5M49049.D	WMB4054	Aqueous	02/24/09 08:32	1		42	33	71	70	101	92
5M49063.D	WMB4055	Aqueous	02/24/09 13:41	1		52	38	93	91	112	97
5M49083.D	AC42868-006	Aqueous	02/24/09 21:03	1		53	39	87	87	111	100
5M49084.D	AC42868-008	Aqueous	02/24/09 21:25	1		52	39	91	88	116	101
5M49085.D	AC42868-009	Aqueous	02/24/09 21:47	1		51	38	86	85	109	99
5M49086.D	AC42868-012	Aqueous	02/24/09 22:09	1		42	32	87	88	112	104
5M49050.D	WMB4054(MS	Aqueous	02/24/09 08:54	1		55	42	88	81	107	98
5M49054.D	AC42849-003	Aqueous	02/24/09 10:22	1		48	43	74	83	107	101
5M49055.D	AC42849-003(	Aqueous	02/24/09 10:44	1		52	47	83	92	105	100
5M49056.D	AC42849-003(	Aqueous	02/24/09 11:06	1		41	39	71	82	104	97
5M49062.D	WMB4055(MS	Aqueous	02/24/09 13:19	1		56	41	97	80	106	101

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 625

Aqueous Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	22-101
S2=Phenol-d5	100	1-95
S3=Nitrobenzene-d5	50	50-128
S4=2-Fluorobiphenyl	50	48-123
S5=2,4,6-Tribromophenol	100	10-123
S6=Terphenyl-d14	50	44-132

Form3

MBS Data

Method: 625

Data File:====>					5M49062.D														
Data/Batch/Sample ID:====>					WMB4055(MS)														
Date/Time:====>					02/24/09 13:19														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,2,4-Trichlorobenz		44-142	1	0	95.87	100	96												
2,4,6-Trichlorophen		37-144	1	0	104.9	100	105												
2,4-Dichlorophenol		39-135	1	0	103.3	100	103												
2,4-Dimethylphenol		32-119	1	0	97.44	100	97												
2,4-Dinitrophenol		1-191	1	0	96.85	100	97												
2,4-Dinitrotoluene		39-139	1	0	105.3	100	105												
2,6-Dinitrotoluene		50-158	1	0	104.7	100	105												
2-Chloronaphthalen		60-118	1	0	102.9	100	103												
2-Chlorophenol		23-134	1	0	90.95	100	91												
2-Nitrophenol		29-182	1	0	103.0	100	103												
3,3'-Dichlorobenzidi		1-262	1	0	152.9	100	153												
4,6-Dinitro-2-methyl		1-181	1	0	106.9	100	107												
4-Bromophenyl-phe		53-127	1	0	102.4	100	102												
4-Chloro-3-methylph		22-147	1	0	105.3	100	105												
4-Chlorophenyl-phe		25-158	1	0	101.1	100	101												
4-Nitrophenol		1-132	1	0	52.69	100	53												
Acenaphthene		47-145	1	0	97.95	100	98												
Acenaphthylene		33-145	1	0	97.89	100	98												
Anthracene		27-133	1	0	97.68	100	98												
Benzo[a]anthracene		33-143	1	0	98.13	100	98												
Benzo[a]pyrene		17-163	1	0	100.7	100	101												
Benzo[b]fluoranthen		24-159	1	0	98.74	100	99												
Benzo[g,h,i]perylene		1-219	1	0	102.6	100	103												
Benzo[k]fluoranthen		11-162	1	0	99.27	100	99												
bis(2-Chloroethoxy)		33-184	1	0	93.05	100	93												
bis(2-Chloroethyl)et		12-158	1	0	83.61	100	84												
bis(2-chloroisopropy		36-166	1	0	74.1	100	74												
bis(2-Ethylhexyl)pht		8-158	1	0	104.5	100	105												
Butylbenzylphthalat		1-152	1	0	103.2	100	103												
Chrysene		17-168	1	0	99.99	100	100												
Dibenzo[a,h]anthrac		1-227	1	0	105.4	100	105												
Diethylphthalate		1-114	1	0	99.91	100	100												
Dimethylphthalate		1-112	1	0	103.6	100	104												
Di-n-butylphthalate		1-118	1	0	102.5	100	103												
Di-n-octylphthalate		4-146	1	0	105.4	100	105												
Fluoranthene		26-137	1	0	104.3	100	104												
Fluorene		59-121	1	0	97.52	100	98												
Hexachlorobenzene		1-152	1	0	101	100	101												
Hexachlorobutadien		24-116	1	0	97.21	100	97												
Hexachloroethane		40-113	1	0	86.21	100	86												
Indeno[1,2,3-cd]pyr		1-171	1	0	105.2	100	105												
Isophorone		21-196	1	0	85.38	100	85												
Naphthalene		21-133	1	0	95.4	100	95												
Nitrobenzene		35-180	1	0	95.64	100	96												
N-Nitrosodimethyla		40-109	1	0	55.34	100	55												
N-Nitroso-di-n-propy		1-230	1	0	88.65	100	89												
Pentachlorophenol		14-176	1	0	106.8	100	107												
Phenanthrene		54-120	1	0	103.5	100	104												
Phenol		5-112	1	0	41.86	100	42												
Pyrene		52-115	1	0	91.35	100	91												

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

FORM 3

Spike Recovery

Batch Number: SMB4052
Mbs Name: SMB4052(MS)
Ns Name: AC42820-007
Ms Name: AC42820-007(MS)
Msd Name: AC42820-007(MSD

Mbs File: 10M03166.D
Non Spk'd File: 10M03173.D
Spike File: 10M03174.D
Spike Dup File: 10M03175.D
Matrix: Soil
Method: EPA 8270C

Mbs Date: 02/24/09 12:54
Non Spk'd Date: 02/24/09 15:29
Spike Date : 02/24/09 15:51
Spike Dup Date: 02/24/09 16:13

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	10	1	0	100	35	130	31	91.42	0.00	64.63	76.92	91	65	77	17
2-Chlorophenol	11	1	0	100	43	131	32	98.78	0.00	72.40	84.64	99	72	85	16
1,4-Dichlorobenzene	14	1	0	50	26	128	41	43.03	0.00	34.35	38.83	86	69	78	12
2-Methylphenol	18	1	0	100	40	137	32	97.22	0.00	74.82	89.66	97	75	90	18
N-Nitroso-di-n-propyla	21	1	0	50	23	147	39	43.79	0.00	43.41	54.36	88	87	109	22
2,4-Dimethylphenol	28	1	0	100	47	135	32	99.91	0.00	70.32	81.50	100	70	81	15
1,2,4-Trichlorobenzen	32	1	0	50	40	129	39	43.31	0.00	33.62	37.83	87	67	76	12
Naphthalene	33	1	0	50	44	132	41	46.26	0.00	36.89	40.30	93	74	81	8.8
4-Chloro-3-methylphe	37	1	0	100	45	142	32	93.54	0.00	72.82	84.73	94	73	85	15
Acenaphthene	55	1	0	50	47	137	58	47.77	0.00	35.95	40.32	96	72	81	11
2,4-Dinitrotoluene	59	1	0	50	30	139	47	44.57	0.00	30.66	37.42	89	61	75	20
4-Nitrophenol	60	1	0	100	35	146	36	75.98	0.00	67.82	78.78	76	68	79	15
Fluorene	62	1	0	50	42	135	43	47.02	2.66	37.74	44.38	94	70	83	16
Pentachlorophenol	75	1	0	100	38	132	37	71.54	0.00	81.12	91.93	72	81	92	12
Pyrene	82	1	0	50	45	167	53	51.40	16.65	58.25	61.45	103	83	90	5.3
Butylbenzylphthalate	88	1	0	50	45	157	40	53.88	0.00	50.18	59.22	108	100	118	17

Note:

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

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

FORM 3

Spike Recovery

Batch Number: WMB4054
Mbs Name: WMB4054(MS)
Ns Name: AC42849-003
Ms Name: AC42849-003(MS)
Msd Name: AC42849-003(MSD

Mbs File: 5M49050.D
Non Spk'd File: 5M49054.D
Spike File: 5M49055.D
Spike Dup File: 5M49056.D
Matrix: Aqueous
Method: EPA 625

Mbs Date: 02/24/09 08:54
Non Spk'd Date: 02/24/09 10:22
Spike Date : 02/24/09 10:44
Spike Dup Date: 02/24/09 11:06

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
N-Nitrosodimethylami	3	1	0	100	40	109	17	64.78	0.00	65.97	61.85	65	66	62	6.4
bis(2-Chloroethyl)ethe	8	1	0	100	12	158	12	81.09	0.00	77.50	77.41	81	77	77	0.12
Phenol	10	1	0	100	5	112	27	43.36	0.00	48.10	48.62	43	48	49	1.1
2-Chlorophenol	11	1	0	100	23	134	21	87.55	0.00	83.68	82.63	88	84	83	1.3
bis(2-chloroisopropyl)	17	1	0	100	36	166	14	74.21	0.00	70.13	67.15	74	70	67	4.3
Hexachloroethane	20	1	0	100	40	113	39	80.48	0.00	77.89	73.39	80	78	73	5.9
N-Nitroso-di-n-propyla	21	1	0	100	1	230	14	89.55	0.00	83.23	82.76	90	83	83	0.57
Nitrobenzene	25	1	0	100	35	180	13	88.63	0.00	87.95	84.85	89	88	85	3.6
Isophorone	26	1	0	100	21	196	12	85.20	0.00	80.74	80.54	85	81	81	0.25
2-Nitrophenol	27	1	0	100	29	182	31	96.92	0.00	95.80	98.54	97	96	99	2.8
2,4-Dimethylphenol	28	1	0	100	32	119	18	93.55	0.00	87.23	90.40	94	87	90	3.6
bis(2-Chloroethoxy)m	30	1	0	100	33	184	12	87.10	0.00	86.27	83.88	87	86	84	2.8
2,4-Dichlorophenol	31	1	0	100	39	135	21	97.36	0.00	94.57	96.44	97	95	96	2
1,2,4-Trichlorobenzen	32	1	0	100	44	142	17	85.62	0.00	88.15	87.44	86	88	87	0.81
Naphthalene	33	1	0	100	21	133	16	87.44	0.00	88.65	86.84	87	89	87	2.1
Hexachlorobutadiene	35	1	0	100	24	116	24	85.54	0.00	86.30	83.96	86	86	84	2.7
4-Chloro-3-methylphe	37	1	0	100	22	147	16	107.52	0.00	98.18	104.45	108	98	104	6.2
2,4,6-Trichlorophenol	44	1	0	100	37	144	24	109.49	0.00	106.95	106.02	109	107	106	0.87
2-Chloronaphthalene	47	1	0	100	60	118	13	101.24	0.00	101.47	95.94	101	101	96	5.6
Acenaphthylene	52	1	0	100	33	145	13	98.28	0.00	97.28	95.25	98	97	95	2.1
Dimethylphthalate	53	1	0	100	1	112	12	110.31	0.00	106.98	102.81	110	107	103	4
2,6-Dinitrotoluene	54	1	0	100	50	158	13	113.02	0.00	108.63	108.24	113	109	108	0.36
Acenaphthene	55	1	0	100	47	145	14	97.21	0.00	94.77	94.36	97	95	94	0.43
2,4-Dinitrophenol	57	1	0	100	1	191	37	108.13	0.00	106.73	115.58	108	107	116	8
2,4-Dinitrotoluene	59	1	0	100	39	139	13	110.41	0.00	105.39	106.76	110	105	107	1.3
4-Nitrophenol	60	1	0	100	1	132	41	55.44	0.00	68.23	71.04	55	68	71	4
Fluorene	62	1	0	100	59	121	14	98.19	0.00	95.99	96.07	98	96	96	0.08
4-Chlorophenyl-pheny	63	1	0	100	25	158	13	103.29	0.00	99.98	100.34	103	100	100	0.36
Diethylphthalate	64	1	0	100	1	114	12	103.83	0.00	100.36	100.24	104	100	100	0.12
4,6-Dinitro-2-methylph	68	1	0	100	1	181	25	111.28	0.00	111.28	114.05	111	111	114	2.5
4-Bromophenyl-pheny	72	1	0	100	53	127	13	104.23	0.00	104.91	100.73	104	105	101	4.1
Hexachlorobenzene	73	1	0	100	1	152	12	101.92	0.00	102.92	100.92	102	103	101	2
Pentachlorophenol	75	1	0	100	14	176	31	106.93	0.00	108.86	111.40	107	109	111	2.3
Phenanthrene	76	1	0	100	54	120	12	103.74	0.00	105.02	101.84	104	105	102	3.1
Anthracene	77	1	0	100	27	133	12	97.16	0.00	97.39	95.25	97	97	95	2.2
Di-n-butylphthalate	79	1	0	100	1	118	12	104.27	0.00	102.85	102.06	104	103	102	0.77
Fluoranthene	80	1	0	100	26	137	13	106.25	0.00	102.84	104.66	106	103	105	1.8
Pyrene	82	1	0	100	52	115	13	90.01	0.00	92.15	87.44	90	92	87	5.2
Butylbenzylphthalate	88	1	0	100	1	152	12	101.98	0.00	101.90	100.14	102	102	100	1.7
3,3'-Dichlorobenzidine	92	1	0	100	1	262	40	157.85	0.00	116.50	133.45	158	116	133	14
Benzo[a]anthracene	93	1	0	100	33	143	12	99.54	0.00	100.13	97.62	100	100	98	2.5
Chrysene	94	1	0	100	17	168	12	102.05	0.00	101.61	99.05	102	102	99	2.6
bis(2-Ethylhexyl)phtha	95	1	0	100	8	158	14	101.87	0.00	102.94	99.68	102	103	100	3.2
Di-n-octylphthalate	97	1	0	100	4	146	14	103.71	0.00	103.51	102.05	104	104	102	1.4
Benzo[b]fluoranthene	98	1	0	100	24	159	15	100.12	0.00	100.60	94.80	100	101	95	5.9
Benzo[k]fluoranthene	99	1	0	100	11	162	14	101.28	0.00	99.38	101.45	101	99	101	2.1
Benzo[a]pyrene	1001	0		100	17	163	13	101.79	0.00	100.64	100.25	102	101	100	0.39
Indeno[1,2,3-cd]pyren	1011	0		100	1	171	14	107.93	0.00	108.98	106.16	108	109	106	2.6
Dibenzo[a,h]anthrace	1021	0		100	1	227	14	107.97	0.00	108.74	105.56	108	109	106	3
Benzo[g,h,i]perylene	1031	0		100	1	219	15	103.62	0.00	106.20	101.25	104	106	101	4.8

Note:

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

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

FORM 4
Blank Summary

Blank Number: SMB4052
Blank Data File: 10M03167.D
Matrix: Soil

Blank Analysis Date: 02/24/09 13:17
Blank Extraction Date: 02/24/09
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC42868-001	10M03183.D	02/24/09 20:10
AC42868-002	10M03184.D	02/24/09 20:32
AC42868-003	10M03185.D	02/24/09 20:54
AC42868-004	10M03186.D	02/24/09 21:16
AC42868-005	10M03187.D	02/24/09 21:38
AC42820-007(MSD	10M03175.D	02/24/09 16:13
AC42820-007(MS)	10M03174.D	02/24/09 15:51
AC42820-007	10M03173.D	02/24/09 15:29
SMB4052(MS)	10M03166.D	02/24/09 12:54

FORM 4
Blank Summary

Blank Number: WMB4054
Blank Data File: 5M49049.D
Matrix: Aqueous

Blank Analysis Date: 02/24/09 08:32
Blank Extraction Date: 02/23/09
(If Applicable)
Method: EPA 625

Sample Number	Data File	Analysis Date
AC42849-003(MSD	5M49056.D	02/24/09 11:06
AC42849-003(MS)	5M49055.D	02/24/09 10:44
AC42849-003	5M49054.D	02/24/09 10:22
WMB4054(MS)	5M49050.D	02/24/09 08:54

FORM 4
Blank Summary

Blank Number: WMB4055
Blank Data File: 5M49063.D
Matrix: Aqueous

Blank Analysis Date: 02/24/09 13:41
Blank Extraction Date: 02/24/09
(If Applicable)
Method: EPA 625

Sample Number	Data File	Analysis Date
AC42868-006	5M49083.D	02/24/09 21:03
AC42868-008	5M49084.D	02/24/09 21:25
AC42868-009	5M49085.D	02/24/09 21:47
AC42868-012	5M49086.D	02/24/09 22:09
WMB4055(MS)	5M49062.D	02/24/09 13:19

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 10
Data File: 10M03052.D
Analysis Date: 02/19/09 09:50
Method: EPA 8270C

Tune Scan/Time Range: Average of 9.702 to 9.707 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	47.6	21135	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	54.9	24350	PASS
70	69	0.00	2	0.4	93	PASS
127	198	40	60	54.9	24344	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	44364	PASS
199	198	5	9	6.6	2949	PASS
275	198	10	30	28.3	12544	PASS
365	198	1	100	3.2	1442	PASS
441	443	0.01	100	65.9	3369	PASS
442	198	40	100	61.5	27300	PASS
443	442	17	23	18.7	5116	PASS

Data File	Sample Number	Analysis Date:
10M03053.D	CAL BNA@50PPM	02/19/09 10:12
10M03054.D	CAL BNA@196PP	02/19/09 10:36
10M03055.D	CAL BNA@160PP	02/19/09 10:58
10M03056.D	CAL BNA@120PP	02/19/09 11:33
10M03057.D	CAL BNA@80PPM	02/19/09 11:55
10M03058.D	CAL BNA@20PPM	02/19/09 12:18
10M03059.D	CAL BNA@10PPM	02/19/09 12:40
10M03060.D	CAL BNA@2PPM	02/19/09 13:02
10M03061.D	ICV BNA@50PPM	02/19/09 13:35

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 5
Data File: 5M48935.D
Analysis Date: 02/19/09 09:21
Method: EPA 625

Tune Scan/Time Range: Scan 1432

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	32.7	16255	PASS
68	69	0.00	2	1.5	275	PASS
69	198	0.00	100	37.6	18648	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.3	24000	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	49656	PASS
199	198	5	9	7.2	3569	PASS
275	198	10	30	24.4	12139	PASS
365	198	1	100	2.7	1331	PASS
441	443	0.01	100	76.1	5216	PASS
442	198	40	100	67.4	33480	PASS
443	442	17	23	20.5	6851	PASS

Data File	Sample Number	Analysis Date:
5M48936.D	CAL BNA@50PPM	02/19/09 09:54
5M48937.D	CAL BNA@196PP	02/19/09 10:17
5M48938.D	CAL BNA@160PP	02/19/09 10:52
5M48939.D	CAL BNA@120PP	02/19/09 11:15
5M48940.D	CAL BNA@80PPM	02/19/09 11:37
5M48941.D	CAL BNA@50PPM	02/19/09 11:59
5M48942.D	CAL BNA@20PPM	02/19/09 12:22
5M48943.D	CAL BNA@10PPM	02/19/09 12:45
5M48944.D	CAL BNA@2PPM	02/19/09 13:07
5M48945.D	CAL BNA@10PPM	02/19/09 13:57
5M48946.D	ICV BNA@50PPM	02/19/09 14:20
5M48947.D	WMB4050	02/19/09 14:43
5M48948.D	WMB4050(MS)	02/19/09 15:05
5M48949.D	SMB4045(MS)	02/19/09 15:28
5M48950.D	SMB4045	02/19/09 15:50
5M48951.D	AC42730-008	02/19/09 16:13
5M48952.D	AC42730-008(MS)	02/19/09 16:35
5M48953.D	AC42730-008(MSD	02/19/09 16:58
5M48954.D	AC42730-009	02/19/09 17:20
5M48955.D	AC42730-010	02/19/09 17:43
5M48956.D	AC42730-012	02/19/09 18:05
5M48957.D	AC42730-003	02/19/09 18:27
5M48958.D	AC42730-004	02/19/09 18:50
5M48959.D	AC42730-005	02/19/09 19:12
5M48960.D	AC42730-006	02/19/09 19:34
5M48961.D	AC42680-001(T)	02/19/09 19:57
5M48962.D	AC42724-001(T)	02/19/09 20:19
5M48963.D	AC42750-009(R)	02/19/09 20:41
5M48964.D	AC42756-002	02/19/09 21:03
5M48965.D	AC42756-003	02/19/09 21:25
5M48966.D	AC42756-004	02/19/09 21:48
5M48967.D	AC42756-005	02/19/09 22:10
5M48968.D	AC42756-006	02/19/09 22:32
5M48969.D	AC42733-001	02/19/09 22:54
5M48970.D	AC42733-002	02/19/09 23:16
5M48971.D	AC42734-001	02/19/09 23:38
5M48972.D	AC42734-002	02/20/09 00:00
5M48973.D	AC42760-001	02/20/09 00:23
5M48974.D	AC42760-002	02/20/09 00:45
5M48975.D	AC42762-001	02/20/09 01:07
5M48976.D	AC42762-002	02/20/09 01:29

Form 5

Tune Name: CAL DFTPP **Data File:** 10M03160.D
Instrument: GCMS 10 **Analysis Date:** 02/24/09 10:42
Method: EPA 8270C
Tune Scan/Time Range: Average of 9.675 to 9.686 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	45.1	14484	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	55.2	17728	PASS
70	69	0.00	2	0.3	59	PASS
127	198	40	60	49.5	15897	PASS
197	198	0.00	1	0.5	158	PASS
198	198	100	100	100.0	32137	PASS
199	198	5	9	7.3	2340	PASS
275	198	10	30	28.8	9252	PASS
365	198	1	100	2.5	789	PASS
441	443	0.01	100	64.0	2684	PASS
442	198	40	100	60.9	19558	PASS
443	442	17	23	21.4	4191	PASS

Data File	Sample Number	Analysis Date:
10M03161.D	CAL BNA@50PPM	02/24/09 11:04
10M03162.D	SMB4051	02/24/09 11:26
10M03163.D	AC42688-001(5X)	02/24/09 11:48
10M03164.D	AC42815-002(5X)	02/24/09 12:10
10M03165.D	AC42815-003	02/24/09 12:32
10M03166.D	SMB4052(MS)	02/24/09 12:54
10M03167.D	SMB4052	02/24/09 13:17
10M03168.D	AC42815-004	02/24/09 13:39
10M03169.D	AC42860-003	02/24/09 14:01
10M03170.D	AC42859-005	02/24/09 14:23
10M03171.D	AC42805-028(2X)	02/24/09 14:45
10M03172.D	AC42815-002(2X)	02/24/09 15:07
10M03173.D	AC42820-007	02/24/09 15:29
10M03174.D	AC42820-007(MS)	02/24/09 15:51
10M03175.D	AC42820-007(MSD	02/24/09 16:13
10M03176.D	AC42820-004	02/24/09 17:36
10M03177.D	AC42820-005	02/24/09 17:58
10M03178.D	AC42820-006	02/24/09 18:20
10M03179.D	AC42845-001	02/24/09 18:42
10M03180.D	AC42845-002	02/24/09 19:04
10M03181.D	AC42845-003	02/24/09 19:26
10M03182.D	AC42845-004	02/24/09 19:48
10M03183.D	AC42868-001	02/24/09 20:10
10M03184.D	AC42868-002	02/24/09 20:32
10M03185.D	AC42868-003	02/24/09 20:54
10M03186.D	AC42868-004	02/24/09 21:16
10M03187.D	AC42868-005	02/24/09 21:38

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 5
Data File: 5M49047.D
Analysis Date: 02/24/09 07:41
Method: EPA 625

Tune Scan/Time Range: Scan 1439

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	32.3	9431	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.0	11093	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	49.0	14297	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	29192	PASS
199	198	5	9	7.0	2039	PASS
275	198	10	30	24.9	7268	PASS
365	198	1	100	2.7	789	PASS
441	443	0.01	100	78.9	2852	PASS
442	198	40	100	62.2	18152	PASS
443	442	17	23	19.9	3613	PASS

Data File	Sample Number	Analysis Date:
5M49048.D	CAL BNA@50PPM	02/24/09 08:11
5M49049.D	WMB4054	02/24/09 08:32
5M49050.D	WMB4054(MS)	02/24/09 08:54
5M49051.D	AC42796-001(30X)	02/24/09 09:16
5M49052.D	AC42849-001	02/24/09 09:38
5M49053.D	AC42849-002	02/24/09 10:00
5M49054.D	AC42849-003	02/24/09 10:22
5M49055.D	AC42849-003(MS)	02/24/09 10:44
5M49056.D	AC42849-003(MSD	02/24/09 11:06
5M49057.D	AC42849-004	02/24/09 11:28
5M49058.D	AC42849-005	02/24/09 11:50
5M49059.D	AC42817-001	02/24/09 12:12
5M49060.D	AC42817-002	02/24/09 12:34
5M49061.D	AC42817-001(10X)	02/24/09 12:56
5M49062.D	WMB4055(MS)	02/24/09 13:19
5M49063.D	WMB4055	02/24/09 13:41
5M49064.D	AC42833-007(T)	02/24/09 14:03
5M49065.D	AC42849-004	02/24/09 14:25
5M49066.D	AC42849-005	02/24/09 14:47
5M49067.D	AC42843-006	02/24/09 15:09
5M49068.D	AC42843-007	02/24/09 15:32
5M49069.D	AC42843-008	02/24/09 15:54
5M49070.D	AC42833-007(T)(M	02/24/09 16:16
5M49071.D	AC42833-007(T)(M	02/24/09 16:38
5M49072.D	AC42821-001	02/24/09 17:00
5M49073.D	AC42831-001	02/24/09 17:23
5M49074.D	AC42831-002	02/24/09 17:45
5M49075.D	AC42831-003	02/24/09 18:07
5M49076.D	AC42831-004	02/24/09 18:29
5M49077.D	AC42837-001	02/24/09 18:51
5M49078.D	AC42837-002	02/24/09 19:13
5M49079.D	AC42850-001	02/24/09 19:35
5M49080.D	AC42850-002	02/24/09 19:57
5M49081.D	AC42850-003	02/24/09 20:19
5M49082.D	AC42850-004	02/24/09 20:41
5M49083.D	AC42868-006	02/24/09 21:03
5M49084.D	AC42868-008	02/24/09 21:25
5M49085.D	AC42868-009	02/24/09 21:47
5M49086.D	AC42868-012	02/24/09 22:09
5M49087.D	AC42851-009	02/24/09 22:31
5M49088.D	AC42851-010	02/24/09 22:53
5M49089.D	AC42857-002	02/24/09 23:15
5M49090.D	AC42857-003	02/24/09 23:37
5M49091.D	AC42857-004	02/24/09 23:58
5M49092.D	AC42857-005	02/25/09 00:20
5M49093.D	AC42857-006	02/25/09 00:42
5M49094.D	AC42857-007	02/25/09 01:04

FORM8

Internal Standard Areas

Evaluation Std Data File: 10M03053.D Method: EPA 8270C

Analysis Date/Time: 02/19/09 10:12

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	74256	5.58	288732	6.60	178918	7.99	312921	9.41	335839	12.44	364665	14.03
Eval File Area Limit:	37128-148512		144366-577464		89459-357836		156460-625842		167920-671678		182332-729330	
Eval File Rt Limit:	5.08-6.08		6.1-7.1		7.49-8.49		8.91-9.91		11.94-12.94		13.53-14.53	

Data File	Sample											
10M03053.	CAL BNA@5	74256	5.58	288732	6.60	178918	7.99	312921	9.41	335839	12.44	364665	14.03
10M03054.	CAL BNA@1	66114	5.59	269194	6.60	174142	7.99	317134	9.42	358584	12.45	328778	14.03
10M03055.	CAL BNA@1	76466	5.58	304619	6.60	188025	7.99	335954	9.42	363937	12.45	346012	14.03
10M03056.	CAL BNA@1	78500	5.58	298522	6.60	187192	7.99	324917	9.42	341719	12.45	356456	14.03
10M03057.	CAL BNA@8	70702	5.58	271710	6.60	168788	7.99	291434	9.42	318476	12.44	332715	14.03
10M03058.	CAL BNA@2	72633	5.58	291870	6.59	189297	7.99	346696	9.41	412273	12.44	469106	14.03
10M03059.	CAL BNA@1	71982	5.58	278680	6.59	174690	7.98	305516	9.41	335995	12.44	374451	14.03
10M03060.	CAL BNA@2	70228	5.58	275651	6.59	175816	7.99	310166	9.41	343718	12.44	382451	14.03
10M03061.	ICV BNA@50	42265	5.58	166448	6.60	107387	7.99	194820	9.41	231674	12.44	259489	14.03

I1 =	1,4-Dichlorobenzene-d4	**I4 =**	Phenanthrene-d10	**625/8270 Internal Standard concentration = 40 mg/L (in final extract)**
I2 =	Naphthalene-d8	**I5 =**	Chrysene-d12	**624/8260 Internal Standard concentration = 30ug/L**
I3 =	Acenaphthene-d10	**I6 =**	Perylene-d12	**524 Internal Standard concentration =5ug/L**

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M48941.D Method: EPA 625

Analysis Date/Time: 02/19/09 11:59

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	48403	5.79	177787	6.81	103247	8.23	188175	9.70	183324	12.75	188153	14.37
Eval File Area Limit:	24202-96806		88894-355574		51624-206494		94088-376350		91662-366648		94076-376306	
Eval File Rt Limit:	5.29-6.29		6.31-7.31		7.73-8.73		9.2-10.2		12.25-13.25		13.87-14.87	

Data File	Sample											
5M48937.D	CAL BNA@1	50307	5.79	191744	6.81	116654	8.24	214915	9.70	199470	12.77	206518	14.38
5M48938.D	CAL BNA@1	59951	5.79	224179	6.81	131268	8.24	229071	9.71	219774	12.77	235293	14.39
5M48939.D	CAL BNA@1	53987	5.79	201860	6.81	125939	8.24	230256	9.70	204340	12.76	203570	14.38
5M48940.D	CAL BNA@8	45414	5.79	165830	6.81	101835	8.24	181070	9.70	172584	12.76	179276	14.37
5M48941.D	CAL BNA@5	48403	5.79	177787	6.81	103247	8.23	188175	9.70	183324	12.75	188153	14.37
5M48942.D	CAL BNA@2	53036	5.79	193759	6.80	113665	8.23	201375	9.70	209869	12.75	213891	14.37
5M48944.D	CAL BNA@2	55929	5.79	209569	6.80	124727	8.23	214666	9.70	217182	12.75	208876	14.37
5M48945.D	CAL BNA@1	73106	5.79	269957	6.81	158336	8.24	285451	9.70	292507	12.75	291011	14.38
5M48946.D	ICV BNA@50	50573	5.79	181138	6.81	107784	8.23	192623	9.70	194647	12.75	195597	14.37
5M48947.D	WMB4050	47077	5.79	179841	6.80	109108	8.23	189711	9.70	189833	12.75	193747	14.37
5M48948.D	WMB4050(M	50975	5.79	183723	6.81	114736	8.23	208227	9.70	186762	12.76	183477	14.38
5M48963.D	AC42750-009	40501	5.79	145368	6.80	87835	8.23	152866	9.69	152096	12.75	147526	14.37
5M48964.D	AC42756-002	44413	5.79	165486	6.80	101361	8.23	172268	9.69	166881	12.75	160393	14.37
5M48965.D	AC42756-003	47383	5.79	178101	6.80	107181	8.23	183976	9.69	179394	12.75	172179	14.37
5M48966.D	AC42756-004	47392	5.79	177083	6.80	105810	8.23	183450	9.69	176079	12.75	166016	14.37
5M48967.D	AC42756-005	49972	5.79	185887	6.80	111588	8.23	191990	9.69	181856	12.75	170439	14.37
5M48968.D	AC42756-006	42394	5.79	160238	6.80	94479	8.23	163213	9.69	153221	12.75	152030	14.37
5M48969.D	AC42733-001	45789	5.79	158999	6.80	89768	8.23	155310	9.69	157780	12.75	158232	14.37
5M48970.D	AC42733-002	46965	5.79	178812	6.80	105404	8.23	186362	9.69	174979	12.75	174076	14.37
5M48971.D	AC42734-001	45543	5.79	170196	6.80	103781	8.23	181305	9.69	182185	12.75	175058	14.37
5M48972.D	AC42734-002	51324	5.79	197629	6.80	121783	8.23	212450	9.69	198781	12.75	181735	14.37
5M48973.D	AC42760-001	43966	5.79	165291	6.80	97903	8.23	168054	9.69	163649	12.75	160260	14.37
5M48974.D	AC42760-002	44505	5.79	173481	6.80	105747	8.23	185216	9.69	167431	12.75	159029	14.37
5M48975.D	AC42762-001	44212	5.79	163510	6.80	92709	8.23	162102	9.69	163668	12.75	159340	14.37
5M48976.D	AC42762-002	44461	5.79	170285	6.80	101647	8.23	176694	9.69	166800	12.75	159008	14.37

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 10M03161.D Method: EPA 8270C

Analysis Date/Time: 02/24/09 11:04

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	57731	5.56	217441	6.58	131960	7.96	228482	9.39	243037	12.41	266997	14.00
Eval File Area Limit:	28866-115462		108720-434882		65980-263920		114241-456964		121518-486074		133498-533994	
Eval File Rt Limit:	5.06-6.06		6.08-7.08		7.46-8.46		8.89-9.89		11.91-12.91		13.5-14.5	

Data File	Sample											
10M03162.	SMB4051	70080	5.56	268442	6.58	162916	7.96	275545	9.39	265091	12.41	286363	14.00
10M03163.	AC42688-001	62408	5.56	244103	6.58	150803	7.96	250167	9.39	258706	12.41	294644	14.00
10M03164.	AC42815-002	65036	5.56	245979	6.58	151761	7.96	253173	9.39	258894	12.41	282603	14.00
10M03165.	AC42815-003	65510	5.56	252024	6.58	149490	7.96	250425	9.39	240733	12.41	271304	14.01
10M03166.	SMB4052(M	77280	5.56	296287	6.58	176612	7.96	301283	9.39	297725	12.41	301203	14.00
10M03167.	SMB4052	66634	5.56	253447	6.57	153324	7.96	262216	9.39	272243	12.41	288997	14.00
10M03168.	AC42815-004	73495	5.56	293511	6.58	191611	7.96	336292	9.39	325633	12.41	317485	14.00
10M03169.	AC42860-003	64035	5.56	246091	6.57	151372	7.96	257073	9.39	246397	12.41	260285	14.00
10M03170.	AC42859-005	56491	5.56	238463	6.57	165761	7.96	317873	9.39	346112	12.41	331845	14.00
10M03171.	AC42805-028	70402	5.56	266122	6.58	162858	7.96	276903	9.39	252509	12.41	287072	14.00
10M03172.	AC42815-002	65978	5.56	253172	6.58	150406	7.96	244580	9.39	235150	12.41	270626	14.00
10M03173.	AC42820-007	61097	5.56	267445	6.58	190845	7.96	319629	9.40	291744	12.45	291366	14.08
10M03174.	AC42820-007	70170	5.57	317601	6.58	226576	7.97	398540	9.40	366106	12.46	343020	14.09
10M03175.	AC42820-007	51480	5.57	236894	6.58	169207	7.97	327021	9.40	313642	12.46	306349	14.08
10M03176.	AC42820-004	81460	5.57	315182	6.58	190938	7.97	327317	9.40	304457	12.42	323874	14.02
10M03177.	AC42820-005	76550	5.57	302775	6.58	192750	7.97	337041	9.40	279037	12.42	304780	14.01
10M03178.	AC42820-006	73492	5.57	296766	6.58	194485	7.96	345173	9.40	274977	12.42	302328	14.01
10M03179.	AC42845-001	60998	5.57	258215	6.58	170889	7.96	313972	9.39	296261	12.41	297836	14.01
10M03180.	AC42845-002	64610	5.56	268485	6.58	181774	7.96	321769	9.40	288982	12.42	293749	14.01
10M03181.	AC42845-003	70864	5.57	285460	6.58	183248	7.96	321190	9.39	278098	12.41	281945	14.01
10M03182.	AC42845-004	55362	5.56	237394	6.58	160014	7.96	293040	9.39	286372	12.41	285142	14.01
10M03183.	AC42868-001	58161	5.56	243344	6.58	163020	7.96	309750	9.39	289982	12.41	289623	14.00
10M03184.	AC42868-002	65492	5.56	270760	6.58	178047	7.96	331311	9.39	280211	12.41	277434	14.00
10M03185.	AC42868-003	76910	5.56	299727	6.58	189816	7.96	320997	9.39	263128	12.41	281432	14.01
10M03186.	AC42868-004	81792	5.56	318992	6.58	206583	7.96	357132	9.39	291792	12.41	292702	14.00
10M03187.	AC42868-005	68274	5.56	272793	6.58	180325	7.96	331891	9.39	294372	12.41	289950	14.00

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M49048.D Method: EPA 625

Analysis Date/Time: 02/24/09 08:11

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	32744	5.78	121149	6.80	71948	8.23	134707	9.69	135613	12.74	142470	14.36
Eval File Area Limit:	16372-65488		60574-242298		35974-143896		67354-269414		67806-271226		71235-284940	
Eval File Rt Limit:	5.28-6.28		6.3-7.3		7.73-8.73		9.19-10.19		12.24-13.24		13.86-14.86	

Data File	Sample											
5M49049.D	WMB4054	31958	5.78	127027	6.79	83456	8.22	151052	9.68	171799	12.74	196339	14.36
5M49050.D	WMB4054(M	30598	5.78	110614	6.80	69063	8.22	131868	9.69	140802	12.74	143778	14.36
5M49051.D	AC42796-001	31203	5.78	105075	6.80	64860	8.22	114617	9.69	141957	12.74	164877	14.36
5M49054.D	AC42849-003	35611	5.78	139400	6.79	85660	8.22	153510	9.68	167018	12.73	181975	14.35
5M49055.D	AC42849-003	31830	5.78	110742	6.80	68603	8.22	125002	9.68	127771	12.74	129156	14.36
5M49056.D	AC42849-003	33851	5.78	120896	6.80	78782	8.22	149952	9.69	161793	12.74	166611	14.36
5M49059.D	AC42817-001	26942	5.78	94097	6.80	72043	8.24	117183	9.71	138690	12.74	158641	14.36
5M49060.D	AC42817-002	30045	5.78	115743	6.79	66545	8.22	120048	9.68	150176	12.73	175414	14.36
5M49061.D	AC42817-001	29523	5.78	98767	6.80	64379	8.22	114776	9.69	146434	12.74	173214	14.36
5M49062.D	WMB4055(M	30920	5.78	107462	6.80	70660	8.22	131530	9.69	137279	12.74	139005	14.36
5M49063.D	WMB4055	30846	5.78	122541	6.79	79985	8.22	144450	9.68	163620	12.73	180740	14.35
5M49067.D	AC42843-006	42740	5.78	148691	6.80	83506	8.22	145538	9.69	178777	12.74	211556	14.36
5M49068.D	AC42843-007	30789	5.78	119412	6.79	73175	8.22	127578	9.68	142436	12.73	152876	14.35
5M49069.D	AC42843-008	33999	5.78	130903	6.79	79676	8.22	139126	9.68	161153	12.73	176674	14.35
5M49070.D	AC42833-007	31759	5.78	113651	6.80	72424	8.22	134533	9.68	136226	12.74	137667	14.36
5M49071.D	AC42833-007	31231	5.78	113834	6.80	74098	8.22	137851	9.68	142387	12.74	142615	14.36
5M49072.D	AC42821-001	36332	5.78	131216	6.80	76579	8.22	124006	9.69	142658	12.74	144149	14.36
5M49073.D	AC42831-001	37634	5.78	145852	6.80	90203	8.22	162566	9.68	170907	12.73	173725	14.35
5M49074.D	AC42831-002	38141	5.78	149522	6.79	93087	8.22	163479	9.68	175517	12.73	183168	14.35
5M49075.D	AC42831-003	35858	5.78	143244	6.79	87443	8.22	155273	9.68	168317	12.73	175019	14.35
5M49076.D	AC42831-004	37265	5.78	142820	6.79	90514	8.22	161984	9.68	178910	12.73	193689	14.35
5M49077.D	AC42837-001	36210	5.78	137542	6.79	84392	8.22	148989	9.68	162436	12.73	171231	14.35
5M49078.D	AC42837-002	32944	5.78	130553	6.79	82536	8.22	149188	9.68	162387	12.73	174100	14.35
5M49079.D	AC42850-001	38137	5.78	146896	6.79	88402	8.22	158070	9.68	168899	12.73	175188	14.35
5M49080.D	AC42850-002	35475	5.78	133944	6.79	81546	8.22	144023	9.68	137199	12.73	134958	14.35
5M49081.D	AC42850-003	34823	5.78	135480	6.79	82968	8.22	148340	9.68	148064	12.73	143989	14.35
5M49082.D	AC42850-004	37592	5.78	148897	6.79	93449	8.22	171006	9.68	170332	12.73	165718	14.35
5M49083.D	AC42868-006	35517	5.78	138523	6.79	85541	8.22	150090	9.68	152127	12.73	148104	14.35
5M49084.D	AC42868-008	35045	5.78	138783	6.79	88863	8.22	159033	9.68	169947	12.73	162614	14.35
5M49085.D	AC42868-009	33444	5.78	134682	6.79	85360	8.22	153991	9.68	161962	12.73	160654	14.35
5M49086.D	AC42868-012	33359	5.78	134124	6.79	83279	8.22	148140	9.68	154013	12.73	153575	14.35
5M49087.D	AC42851-009	34492	5.78	133389	6.79	81416	8.22	146448	9.68	150621	12.73	151368	14.35
5M49088.D	AC42851-010	32877	5.78	130455	6.79	82034	8.22	149453	9.68	163146	12.73	164383	14.35
5M49089.D	AC42857-002	31384	5.78	125451	6.79	80186	8.22	145118	9.68	152329	12.73	151272	14.35
5M49090.D	AC42857-003	32833	5.78	127581	6.79	78476	8.22	141407	9.68	153370	12.73	154921	14.35
5M49091.D	AC42857-004	31341	5.78	115202	6.79	130972	8.22	112891	9.68	122010	12.74	125847	14.36
5M49092.D	AC42857-005	31458	5.78	119742	6.79	73747	8.22	130013	9.68	134972	12.73	133234	14.35
5M49093.D	AC42857-006	27130	5.78	98086	6.80	103918	8.22	101563	9.68	105042	12.74	104458	14.36
5M49094.D	AC42857-007	30439	5.78	117329	6.79	72571	8.22	127879	9.68	130622	12.73	129630	14.35

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

GC/MS Semi-Volatile Data
Sample Data

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-001
Client Id: WB-2
Data File: 10M03183.D
Analysis Date: 02/24/09 20:10
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 72

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.093	U	191-24-2	Benzo[g,h,i]perylene	0.093	U
122-66-7	1,2-Diphenylhydrazine	0.093	U	207-08-9	Benzo[k]fluoranthene	0.093	U
95-95-4	2,4,5-Trichlorophenol	0.093	U	65-85-0	Benzoic Acid	0.46	U
88-06-2	2,4,6-Trichlorophenol	0.093	U	111-91-1	bis(2-Chloroethoxy)methan	0.093	U
120-83-2	2,4-Dichlorophenol	0.093	U	111-44-4	bis(2-Chloroethyl)ether	0.093	U
105-67-9	2,4-Dimethylphenol	0.093	U	108-60-1	bis(2-chloroisopropyl)ether	0.093	U
51-28-5	2,4-Dinitrophenol	0.46	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.093	U
121-14-2	2,4-Dinitrotoluene	0.093	U	85-68-7	Butylbenzylphthalate	0.093	U
606-20-2	2,6-Dinitrotoluene	0.093	U	86-74-8	Carbazole	0.093	U
91-58-7	2-Chloronaphthalene	0.093	U	218-01-9	Chrysene	0.093	U
95-57-8	2-Chlorophenol	0.093	U	53-70-3	Dibenzo[a,h]anthracene	0.093	U
91-57-6	2-Methylnaphthalene	0.093	U	132-64-9	Dibenzofuran	0.093	U
95-48-7	2-Methylphenol	0.093	U	84-66-2	Diethylphthalate	0.093	U
88-74-4	2-Nitroaniline	0.093	U	131-11-3	Dimethylphthalate	0.093	U
88-75-5	2-Nitrophenol	0.093	U	84-74-2	Di-n-butylphthalate	0.093	U
106-44-5	3&4-Methylphenol	0.093	U	117-84-0	Di-n-octylphthalate	0.093	U
91-94-1	3,3'-Dichlorobenzidine	0.093	U	206-44-0	Fluoranthene	0.093	U
99-09-2	3-Nitroaniline	0.093	U	86-73-7	Fluorene	0.093	U
534-52-1	4,6-Dinitro-2-methylphenol	0.46	U	118-74-1	Hexachlorobenzene	0.093	U
101-55-3	4-Bromophenyl-phenylether	0.093	U	87-68-3	Hexachlorobutadiene	0.093	U
59-50-7	4-Chloro-3-methylphenol	0.093	U	77-47-4	Hexachlorocyclopentadiene	0.093	U
106-47-8	4-Chloroaniline	0.093	U	67-72-1	Hexachloroethane	0.093	U
7005-72-3	4-Chlorophenyl-phenylether	0.093	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.093	U
100-01-6	4-Nitroaniline	0.093	U	78-59-1	Isophorone	0.093	U
100-02-7	4-Nitrophenol	0.093	U	91-20-3	Naphthalene	0.093	U
83-32-9	Acenaphthene	0.093	U	98-95-3	Nitrobenzene	0.093	U
208-96-8	Acenaphthylene	0.093	U	62-75-9	N-Nitrosodimethylamine	0.093	U
62-53-3	Aniline	0.093	U	621-64-7	N-Nitroso-di-n-propylamine	0.093	U
120-12-7	Anthracene	0.093	U	86-30-6	n-Nitrosodiphenylamine	0.093	U
92-87-5	Benzidine	0.46	U	87-86-5	Pentachlorophenol	0.46	U
56-55-3	Benzo[a]anthracene	0.093	U	85-01-8	Phenanthrene	0.093	U
50-32-8	Benzo[a]pyrene	0.093	U	108-95-2	Phenol	0.093	U
205-99-2	Benzo[b]fluoranthene	0.093	U	129-00-0	Pyrene	0.093	U

Worksheet #: 109913

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-001
Client Id: WB-2
Data File: 10M03183.D
Analysis Date: 02/24/09 20:10
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 72
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.70	0.61 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.04	85 JAB
3		unknown	4.75	0.37 JB
4	74685-29-3	9-Eicosene, (E)-	13.08	0.22 J

Worksheet #: 109913

Total Tentatively Identified Concentration 86

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

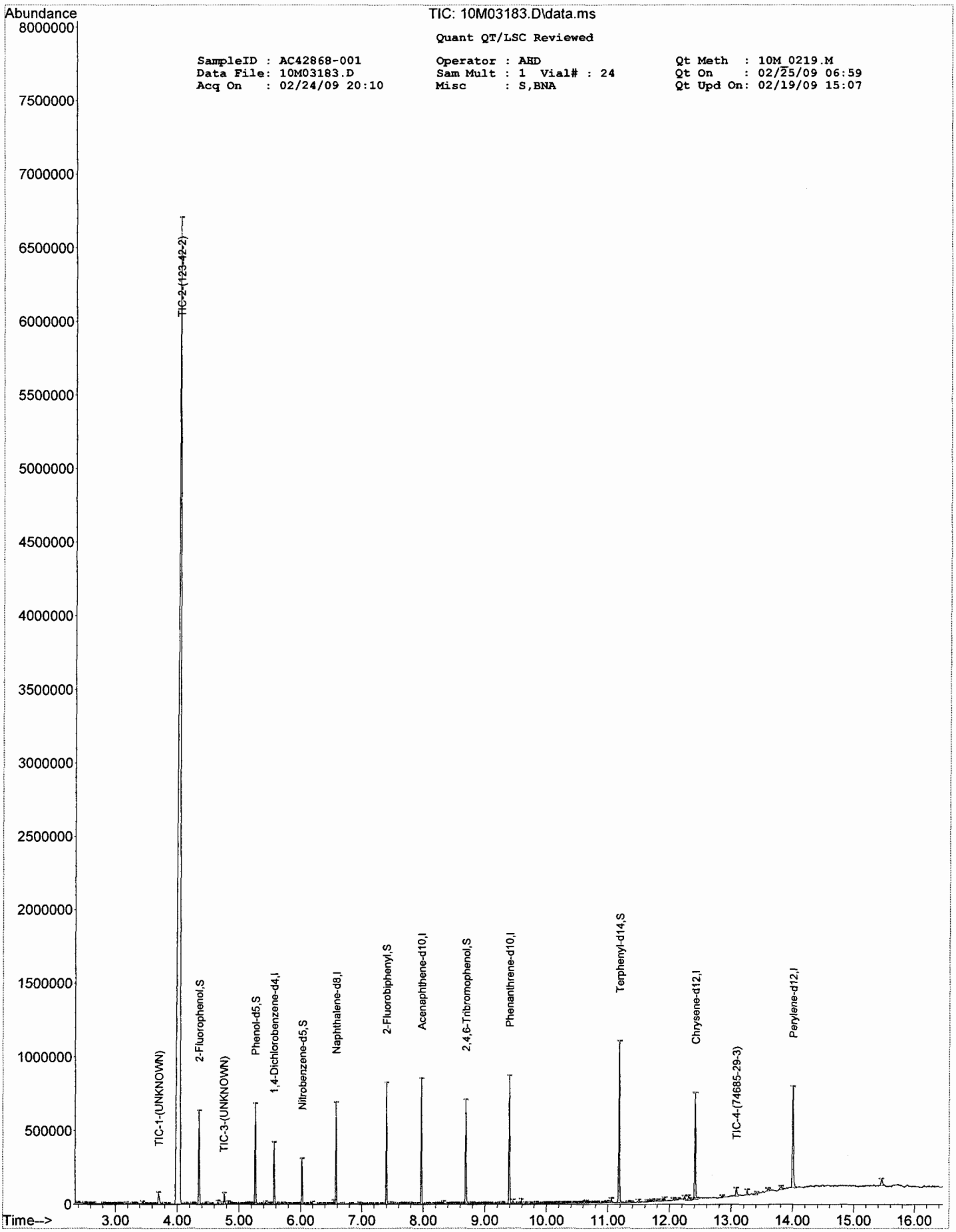
Quantitation Report (QT/LSC Reviewed)

SampleID : AC42868-001 Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03183.D Sam Mult : 1 Vial# : 24 Qt On : 02/25/09 06:59
Acq On : 02/24/09 20:10 Misc : S,BNA Qt Upd On: 02/19/09 15:07

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.562	152	58161	40.00	ng	-0.02
23) Naphthalene-d8	6.578	136	243344	40.00	ng	-0.02
41) Acenaphthene-d10	7.964	164	163020	40.00	ng	-0.02
67) Phenanthrene-d10	9.392	188	309750	40.00	ng	-0.02
81) Chrysene-d12	12.414	240	289982	40.00	ng	-0.02
96) Perylene-d12	14.002	264	289623	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.348	112	157253	97.85	ng	-0.02
Spiked Amount 100.000			Recovery = 97.85%			
9) Phenol-d5	5.263	99	208532	90.74	ng	-0.01
Spiked Amount 100.000			Recovery = 90.74%			
24) Nitrobenzene-d5	6.022	128	40862	40.90	ng	-0.02
Spiked Amount 50.000			Recovery = 81.80%			
46) 2-Fluorobiphenyl	7.397	172	210736	37.78	ng	-0.02
Spiked Amount 50.000			Recovery = 75.56%			
70) 2,4,6-Tribromophenol	8.686	330	95268	80.27	ng	-0.02
Spiked Amount 100.000			Recovery = 80.27%			
84) Terphenyl-d14	11.183	244	391119	48.54	ng	-0.02
Spiked Amount 50.000			Recovery = 97.08%			
Target Compounds						Qvalue
Library Search Compounds						
1) UNKNOWN	3.700		110103	13.12	ng	--
2) 123-42-2	4.040		15477900	1843.89	ng	56
3) UNKNOWN	4.750		67717	8.07	ng	--
4) 74685-29-3	13.080		87289	4.80	ng	91

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


Abundance
TIC: 10M03183.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC42868-001
Data File: 10M03183.D
Acq On : 02/24/09 20:10
Operator : AHD
Sam Mult : 1 Vial# : 24
Misc : S,BNA
Qt Meth : 10M_0219.M
Qt On : 02/25/09 06:59
Qt Upd On: 02/19/09 15:07
8000000
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
TIC-1-(UNKNOWN)
TIC-2-(123-42-2)
2-Fluorophenol,S
TIC-3-(UNKNOWN)
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
TIC-4-(74685-29-3)
Perylene-d12,I

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03183.D
Acq On : 24 Feb 2009 20:10
Operator : AHD
Sample : AC42868-001
Misc : S,BNA
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03183.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.385	4	9	10	rBV5	3038	3447	0.02%	0.014%
2	2.492	26	29	37	rVB8	2868	5444	0.04%	0.022%
3	2.545	38	39	43	rVB4	1389	1045	0.01%	0.004%
4	2.594	46	48	50	rBV2	1797	1530	0.01%	0.006%
5	2.626	50	54	57	rVV4	3169	4400	0.03%	0.018%
6	2.647	57	58	62	rVB4	2322	1956	0.01%	0.008%
7	2.802	86	87	90	rBV	1874	1512	0.01%	0.006%
8	2.856	95	97	102	rVB6	1326	1513	0.01%	0.006%
9	2.893	102	104	109	rVB3	1367	1499	0.01%	0.006%
10	2.947	109	114	116	rBV4	1707	2178	0.01%	0.009%
11	2.995	117	123	125	rVB4	1225	1412	0.01%	0.006%
12	3.048	131	133	136	rBV3	1488	1109	0.01%	0.005%
13	3.086	136	140	143	rVV4	1468	1458	0.01%	0.006%
14	3.177	152	157	161	rBV4	3822	6069	0.04%	0.025%
15	3.262	171	173	177	rVB2	932	980	0.01%	0.004%
16	3.305	177	181	184	rBV5	2272	2899	0.02%	0.012%
17	3.326	184	185	190	rVB2	1616	1287	0.01%	0.005%
18	3.433	201	205	213	rBV2	13351	18984	0.12%	0.078%
19	3.481	213	214	220	rVB5	1219	1308	0.01%	0.005%
20	3.519	220	221	225	rVB3	1473	1374	0.01%	0.006%
21	3.556	225	228	234	rBV6	1523	2711	0.02%	0.011%
22	3.620	236	240	242	rVB2	1168	1374	0.01%	0.006%
23	3.642	242	244	250	rBV4	1491	2057	0.01%	0.008%
24	3.695	250	254	268	rBV	75410	110103	0.71%	0.452%
25	3.786	268	271	273	rBV3	1363	1115	0.01%	0.005%
26	3.850	282	283	288	rBV3	1094	1376	0.01%	0.006%
27	4.038	300	318	333	rBV	6699940	15477941	100.00%	63.609%
28	4.134	335	336	341	rVB2	1300	1016	0.01%	0.004%
29	4.236	350	355	360	rBV5	1712	3034	0.02%	0.012%
30	4.268	360	361	367	rVV3	1492	1939	0.01%	0.008%
31	4.348	367	376	390	rVV	630849	541531	3.50%	2.226%
32	4.428	390	391	394	rVV3	1367	1380	0.01%	0.006%
33	4.471	394	399	405	rVB2	7194	7640	0.05%	0.031%
34	4.540	410	412	419	rVB4	1390	1803	0.01%	0.007%
35	4.653	428	433	440	rVB	18167	16354	0.11%	0.067%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03183.D
Acq On : 24 Feb 2009 20:10
Operator : AHD
Sample : AC42868-001
Misc : S,BNA
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

36	4.717	440	445	448	rBV	8618	7747	0.05%	0.032%
37	4.754	448	452	460	rVV	71408	67717	0.44%	0.278%
38	4.819	460	464	468	rVV	13457	10798	0.07%	0.044%
39	4.856	468	471	476	rVV	5211	5686	0.04%	0.023%
40	4.893	476	478	482	rVV3	1081	1316	0.01%	0.005%
41	4.926	482	484	489	rVB4	1139	1227	0.01%	0.005%
42	5.016	495	501	505	rBV4	1299	1376	0.01%	0.006%
43	5.081	509	513	515	rBV3	819	1108	0.01%	0.005%
44	5.102	515	517	520	rVV3	1586	1570	0.01%	0.006%
45	5.134	520	523	525	rVV	3180	3322	0.02%	0.014%
46	5.161	525	528	530	rVV	5677	4836	0.03%	0.020%
47	5.188	530	533	537	rVB3	5055	4881	0.03%	0.020%
48	5.225	537	540	542	rBV2	4395	4574	0.03%	0.019%
49	5.263	542	547	563	rVV	677768	599210	3.87%	2.463%
50	5.353	563	564	569	rVB3	1692	1781	0.01%	0.007%
51	5.418	572	576	582	rVB2	12798	12997	0.08%	0.053%
52	5.460	582	584	587	rBV2	1468	1397	0.01%	0.006%
53	5.509	587	593	599	rVB3	5229	6849	0.04%	0.028%
54	5.562	599	603	611	rBV	415984	335767	2.17%	1.380%
55	5.621	611	614	620	rVB4	3710	4473	0.03%	0.018%
56	5.680	620	625	627	rBV4	1269	1633	0.01%	0.007%
57	5.712	627	631	634	rVB	4178	4388	0.03%	0.018%
58	5.739	634	636	639	rBV3	1241	1115	0.01%	0.005%
59	5.792	643	646	649	rBV4	1048	1070	0.01%	0.004%
60	5.878	659	662	666	rVB4	1626	1911	0.01%	0.008%
61	5.910	666	668	673	rBV3	1066	1362	0.01%	0.006%
62	5.958	673	677	680	rVB4	1075	1100	0.01%	0.005%
63	6.022	682	689	700	rBV	303490	261575	1.69%	1.075%
64	6.092	700	702	710	rVB3	2641	3835	0.02%	0.016%
65	6.150	710	713	716	rBV3	1327	1444	0.01%	0.006%
66	6.188	716	720	723	rVB2	12345	8673	0.06%	0.036%
67	6.300	731	741	746	rBV6	1952	3823	0.02%	0.016%
68	6.359	750	752	756	rVB4	1654	1429	0.01%	0.006%
69	6.434	760	766	769	rBV6	1630	1706	0.01%	0.007%
70	6.461	769	771	775	rVB2	1126	1186	0.01%	0.005%
71	6.509	775	780	782	rBV4	2073	2606	0.02%	0.011%
72	6.541	782	786	789	rBV	22800	15594	0.10%	0.064%
73	6.578	789	793	807	rVB	685399	510487	3.30%	2.098%
74	6.675	807	811	814	rBV3	1539	1254	0.01%	0.005%
75	6.824	837	839	846	rBV3	803	1140	0.01%	0.005%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03183.D
Acq On : 24 Feb 2009 20:10
Operator : AHD
Sample : AC42868-001
Misc : S,BNA
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

76	6.963	858	865	868	rBV5	4568	5244	0.03%	0.022%
77	7.006	868	873	875	rVV3	1321	1831	0.01%	0.008%
78	7.044	875	880	882	rVV4	1615	2101	0.01%	0.009%
79	7.060	882	883	886	rVB3	1350	961	0.01%	0.004%
80	7.118	889	894	899	rBV2	1624	2465	0.02%	0.010%
81	7.156	899	901	905	rVB2	1173	1163	0.01%	0.005%
82	7.220	909	913	914	rBV2	1131	1238	0.01%	0.005%
83	7.295	924	927	929	rBV3	1298	1405	0.01%	0.006%
84	7.343	934	936	940	rVB4	1335	1244	0.01%	0.005%
85	7.397	940	946	954	rBV	817350	588677	3.80%	2.419%
86	7.455	954	957	961	rVB2	5628	5516	0.04%	0.023%
87	7.514	965	968	972	rVB3	3738	3638	0.02%	0.015%
88	7.605	983	985	990	rVB3	1043	1101	0.01%	0.005%
89	7.669	990	997	998	rVV4	1544	2106	0.01%	0.009%
90	7.685	998	1000	1002	rVV	2253	1388	0.01%	0.006%
91	7.728	1002	1008	1015	rVV6	1611	4017	0.03%	0.017%
92	7.798	1015	1021	1025	rVV4	2879	4821	0.03%	0.020%
93	7.841	1025	1029	1032	rVB5	2107	2142	0.01%	0.009%
94	7.899	1034	1040	1043	rVB3	1869	2209	0.01%	0.009%
95	7.964	1043	1052	1064	rBV	848384	690655	4.46%	2.838%
96	8.049	1064	1068	1072	rBV5	1229	1406	0.01%	0.006%
97	8.081	1072	1074	1079	rBV3	3377	2959	0.02%	0.012%
98	8.145	1084	1086	1089	rVB3	1236	1002	0.01%	0.004%
99	8.183	1089	1093	1095	rBV	1525	1365	0.01%	0.006%
100	8.226	1097	1101	1104	rBV4	3144	3340	0.02%	0.014%
101	8.263	1105	1108	1109	rVB2	1906	1291	0.01%	0.005%
102	8.279	1110	1111	1114	rVB2	1392	1058	0.01%	0.004%
103	8.322	1114	1119	1129	rVB	14556	16001	0.10%	0.066%
104	8.408	1129	1135	1137	rBV3	1797	2677	0.02%	0.011%
105	8.424	1137	1138	1140	rBV2	1619	1133	0.01%	0.005%
106	8.450	1140	1143	1146	rVB4	2734	1785	0.01%	0.007%
107	8.498	1149	1152	1156	rVB4	1304	1164	0.01%	0.005%
108	8.536	1156	1159	1161	rBV3	1577	1392	0.01%	0.006%
109	8.552	1161	1162	1166	rVV3	1395	1044	0.01%	0.004%
110	8.616	1168	1174	1177	rBV4	1113	1822	0.01%	0.007%
111	8.643	1177	1179	1181	rBV2	1517	1161	0.01%	0.005%
112	8.686	1181	1187	1197	rBV	701638	642530	4.15%	2.641%
113	8.766	1199	1202	1204	rVB3	3622	3451	0.02%	0.014%
114	8.798	1205	1208	1219	rVB6	5716	11573	0.07%	0.048%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03183.D
Acq On : 24 Feb 2009 20:10
Operator : AHD
Sample : AC42868-001
Misc : S,BNA
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

115	8.873	1219	1222	1223	rBV3	2404	2169	0.01%	0.009%
116	8.894	1223	1226	1229	rVB3	2212	1849	0.01%	0.008%
117	8.937	1231	1234	1238	rBV2	2892	3209	0.02%	0.013%
118	8.980	1239	1242	1245	rVV2	2242	3136	0.02%	0.013%
119	9.012	1245	1248	1251	rVV3	5467	5112	0.03%	0.021%
120	9.044	1251	1254	1256	rVB3	3779	3665	0.02%	0.015%
121	9.092	1259	1263	1267	rVB6	2620	2833	0.02%	0.012%
122	9.146	1269	1273	1274	rBV3	1386	1199	0.01%	0.005%
123	9.199	1279	1283	1285	rBV4	1856	1871	0.01%	0.008%
124	9.269	1288	1296	1299	rBV5	7246	8504	0.05%	0.035%
125	9.301	1299	1302	1304	rVB4	2406	1969	0.01%	0.008%
126	9.392	1310	1319	1326	rBV	863512	821305	5.31%	3.375%
127	9.450	1326	1330	1337	rVB	21048	25752	0.17%	0.106%
128	9.536	1343	1346	1347	rVB3	1538	1323	0.01%	0.005%
129	9.584	1347	1355	1361	rBV	26891	28275	0.18%	0.116%
130	9.654	1361	1368	1375	rVV7	4806	9708	0.06%	0.040%
131	9.723	1379	1381	1387	rVB7	4015	5305	0.03%	0.022%
132	9.771	1387	1390	1391	rBV3	1974	1461	0.01%	0.006%
133	9.830	1396	1401	1409	rBV5	8335	11384	0.07%	0.047%
134	9.894	1411	1413	1415	rBV2	1767	1320	0.01%	0.005%
135	9.937	1419	1421	1424	rVB4	1627	1197	0.01%	0.005%
136	9.964	1424	1426	1429	rVB4	2055	1694	0.01%	0.007%
137	9.991	1429	1431	1435	rBV4	3469	3478	0.02%	0.014%
138	10.028	1435	1438	1441	rBV3	5374	5676	0.04%	0.023%
139	10.060	1443	1444	1450	rBV6	1960	1978	0.01%	0.008%
140	10.103	1450	1452	1456	rVB5	2783	3130	0.02%	0.013%
141	10.162	1456	1463	1465	rBV8	4918	7752	0.05%	0.032%
142	10.194	1465	1469	1472	rBV5	4442	4262	0.03%	0.018%
143	10.274	1480	1484	1486	rBV5	2975	3619	0.02%	0.015%
144	10.306	1486	1490	1493	rVV5	4173	4889	0.03%	0.020%
145	10.354	1497	1499	1501	rBV3	2354	1386	0.01%	0.006%
146	10.424	1510	1512	1518	rBV6	2438	3832	0.02%	0.016%
147	10.472	1518	1521	1524	rBV5	3361	2999	0.02%	0.012%
148	10.510	1527	1528	1530	rBV2	3184	1674	0.01%	0.007%
149	10.552	1531	1536	1540	rVV7	4369	6708	0.04%	0.028%
150	10.584	1540	1542	1548	rVV6	6225	9876	0.06%	0.041%
151	10.643	1548	1553	1559	rVB6	10736	16603	0.11%	0.068%
152	10.681	1559	1560	1563	rBV3	2557	1449	0.01%	0.006%
153	10.707	1563	1565	1566	rVB2	2276	1244	0.01%	0.005%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03183.D
Acq On : 24 Feb 2009 20:10
Operator : AHD
Sample : AC42868-001
Misc : S,BNA
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

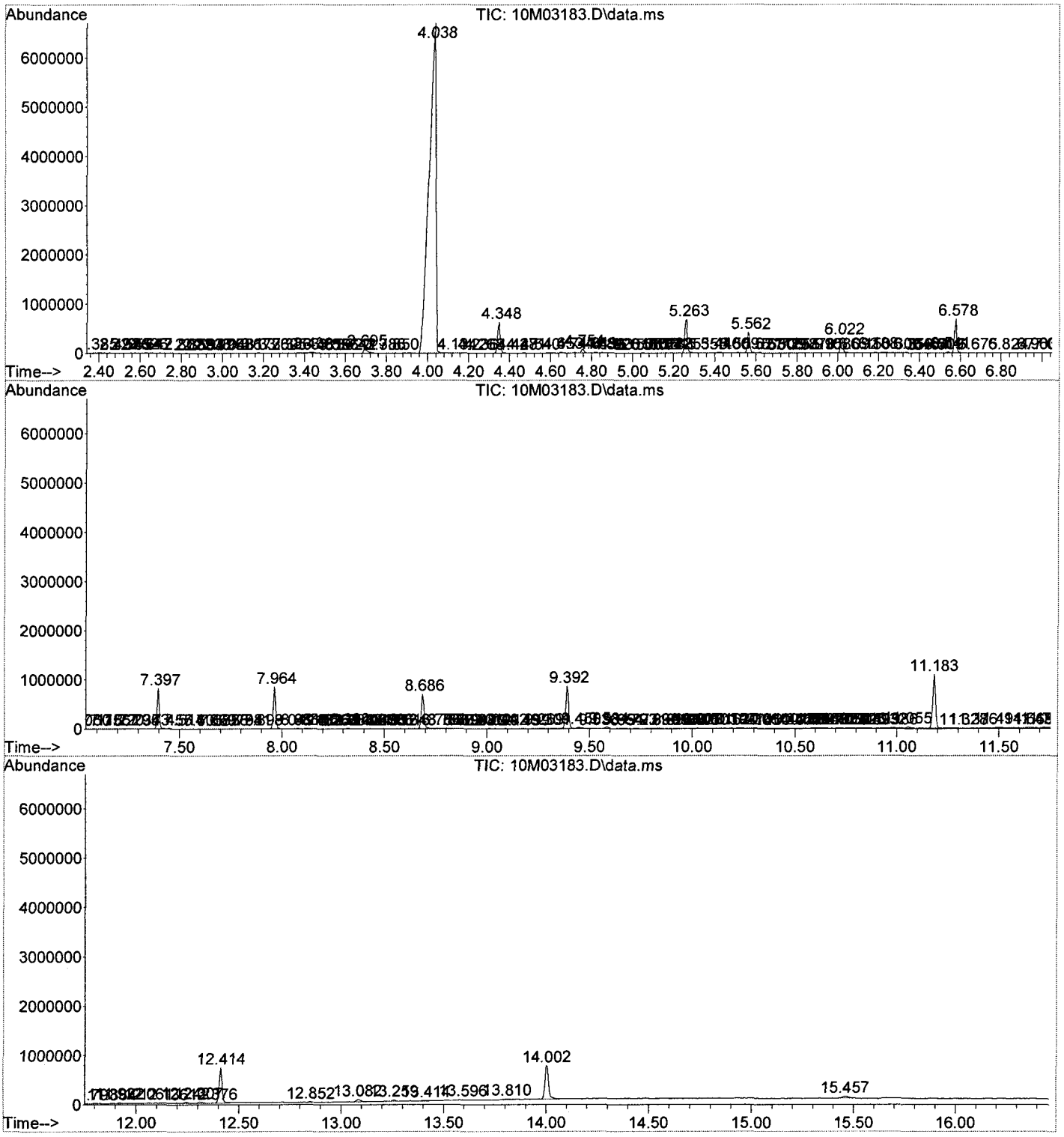
154	10.729	1567	1569	1572	rVB3	3069	2039	0.01%	0.008%
155	10.750	1572	1573	1579	rBV6	1816	3021	0.02%	0.012%
156	10.804	1582	1583	1585	rBV2	2833	1564	0.01%	0.006%
157	10.825	1585	1587	1598	rVB2	5132	12806	0.08%	0.053%
158	10.895	1598	1600	1601	rBV2	1711	1128	0.01%	0.005%
159	10.932	1602	1607	1608	rVB5	2112	2387	0.02%	0.010%
160	10.986	1610	1617	1620	rBV6	5934	10353	0.07%	0.043%
161	11.055	1625	1630	1639	rBV	25198	32512	0.21%	0.134%
162	11.183	1644	1654	1662	rBV	1089567	1016353	6.57%	4.177%
163	11.328	1677	1681	1687	rBV9	2179	4898	0.03%	0.020%
164	11.376	1687	1690	1696	rBV7	3314	4929	0.03%	0.020%
165	11.494	1703	1712	1718	rBV10	12617	29009	0.19%	0.119%
166	11.643	1733	1740	1743	rBV8	7073	13712	0.09%	0.056%
167	11.692	1748	1749	1752	rBV2	1805	1462	0.01%	0.006%
168	11.724	1752	1755	1758	rBV4	10114	12289	0.08%	0.051%
169	11.793	1763	1768	1773	rBV9	6622	12341	0.08%	0.051%
170	11.884	1782	1785	1788	rBV5	7105	9722	0.06%	0.040%
171	11.922	1788	1792	1796	rVV6	17288	16871	0.11%	0.069%
172	12.061	1814	1818	1823	rBV6	9700	10462	0.07%	0.043%
173	12.136	1827	1832	1833	rBV5	6340	9533	0.06%	0.039%
174	12.242	1849	1852	1857	rVB2	20506	25000	0.16%	0.103%
175	12.307	1860	1864	1873	rBV9	28539	52126	0.34%	0.214%
176	12.376	1874	1877	1878	rBV3	5078	3447	0.02%	0.014%
177	12.414	1878	1884	1892	rBV	719324	728017	4.70%	2.992%
178	12.852	1963	1966	1968	rBV4	10617	12842	0.08%	0.053%
179	13.082	2004	2009	2017	rBV6	51732	87289	0.56%	0.359%
180	13.259	2039	2042	2046	rBV3	30614	29552	0.19%	0.121%
181	13.414	2064	2071	2074	rBV9	11758	28753	0.19%	0.118%
182	13.596	2102	2105	2110	rBV7	11952	22552	0.15%	0.093%
183	13.810	2139	2145	2152	rBV7	20362	55255	0.36%	0.227%
184	14.002	2177	2181	2193	rBV	681548	822114	5.31%	3.379%
185	15.457	2449	2453	2460	rVB9	39213	72844	0.47%	0.299%

Sum of corrected areas: 24332794

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03183.D
Acq On : 24 Feb 2009 20:10
Operator : AHD
Sample : AC42868-001
Misc : S,BNA
ALS Vial : 24 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03183.D
Acq On : 24 Feb 2009 20:10
Operator : AHD
Sample : AC42868-001
Misc : S,BNA
ALS Vial : 24 Sample Multiplier: 1

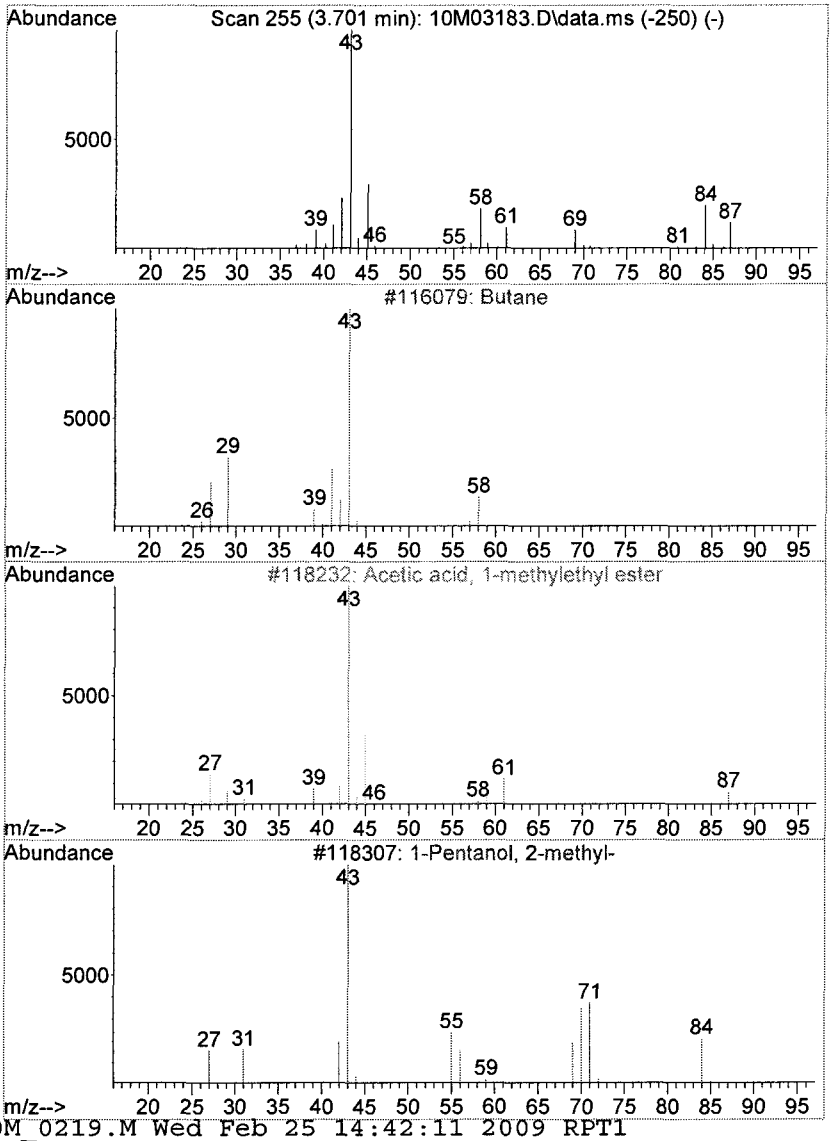
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

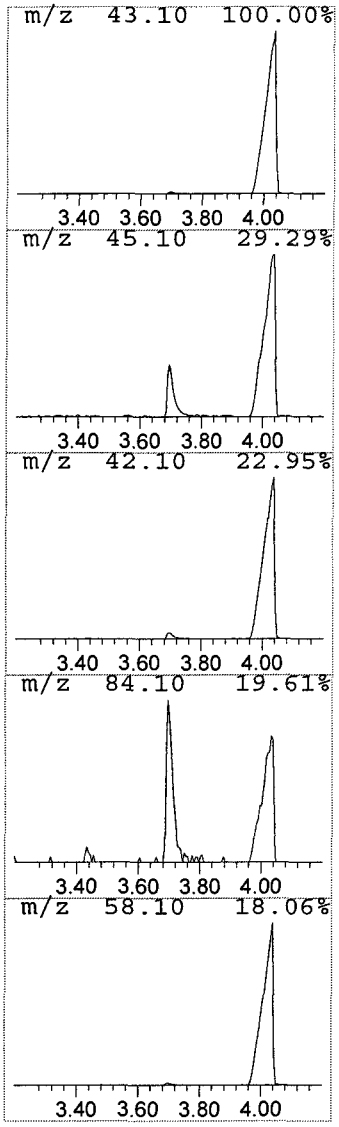
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	13.12 ng	110103	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	27
2	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	23
3	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	17
4	Butane	58	C4H10	000106-97-8	16
5	Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	9





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03183.D
Acq On : 24 Feb 2009 20:10
Operator : AHD
Sample : AC42868-001
Misc : S,BNA
ALS Vial : 24 Sample Multiplier: 1

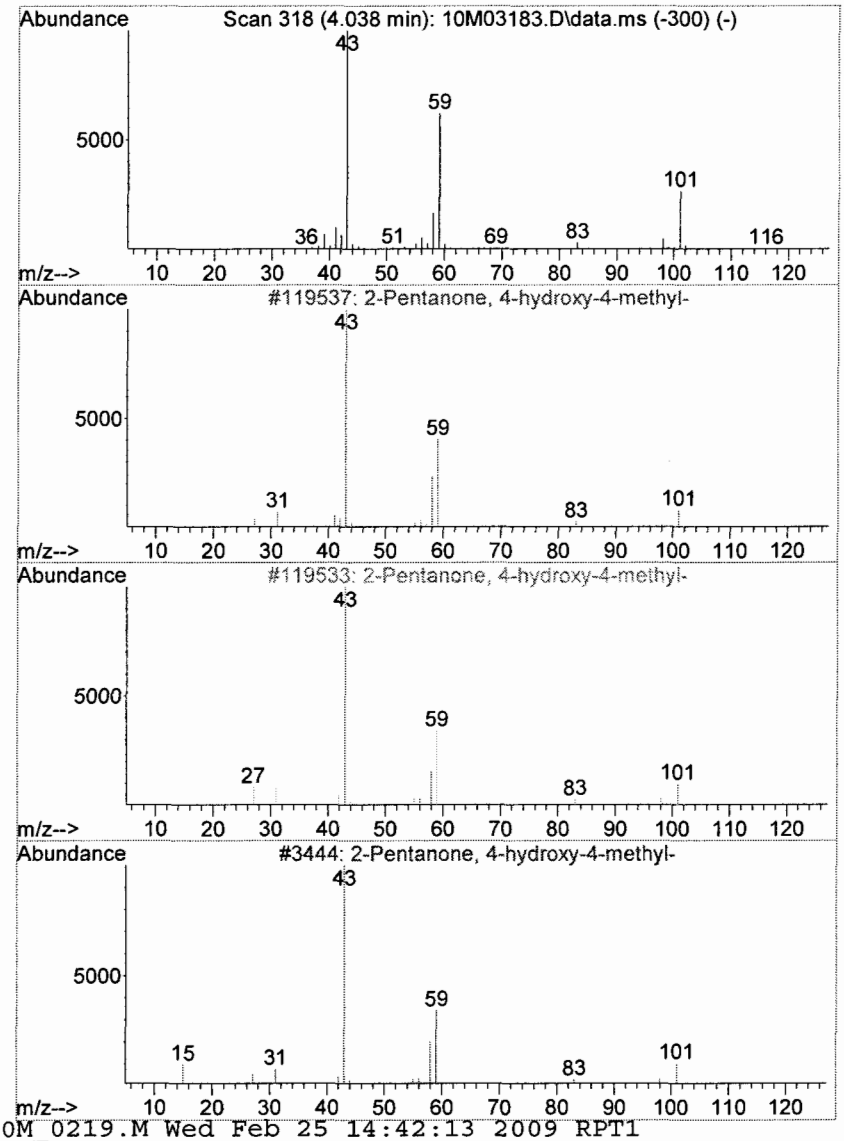
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

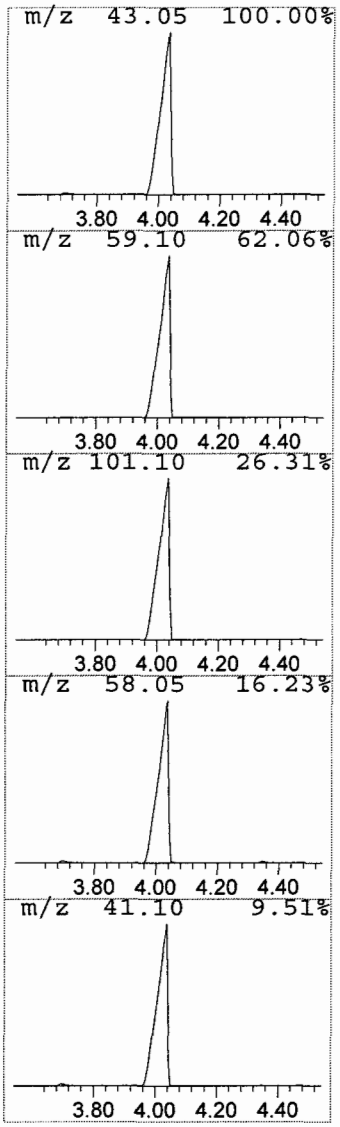
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.04	1843.89 ng	15477900	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03183.D
Acq On : 24 Feb 2009 20:10
Operator : AHD
Sample : AC42868-001
Misc : S,BNA
ALS Vial : 24 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

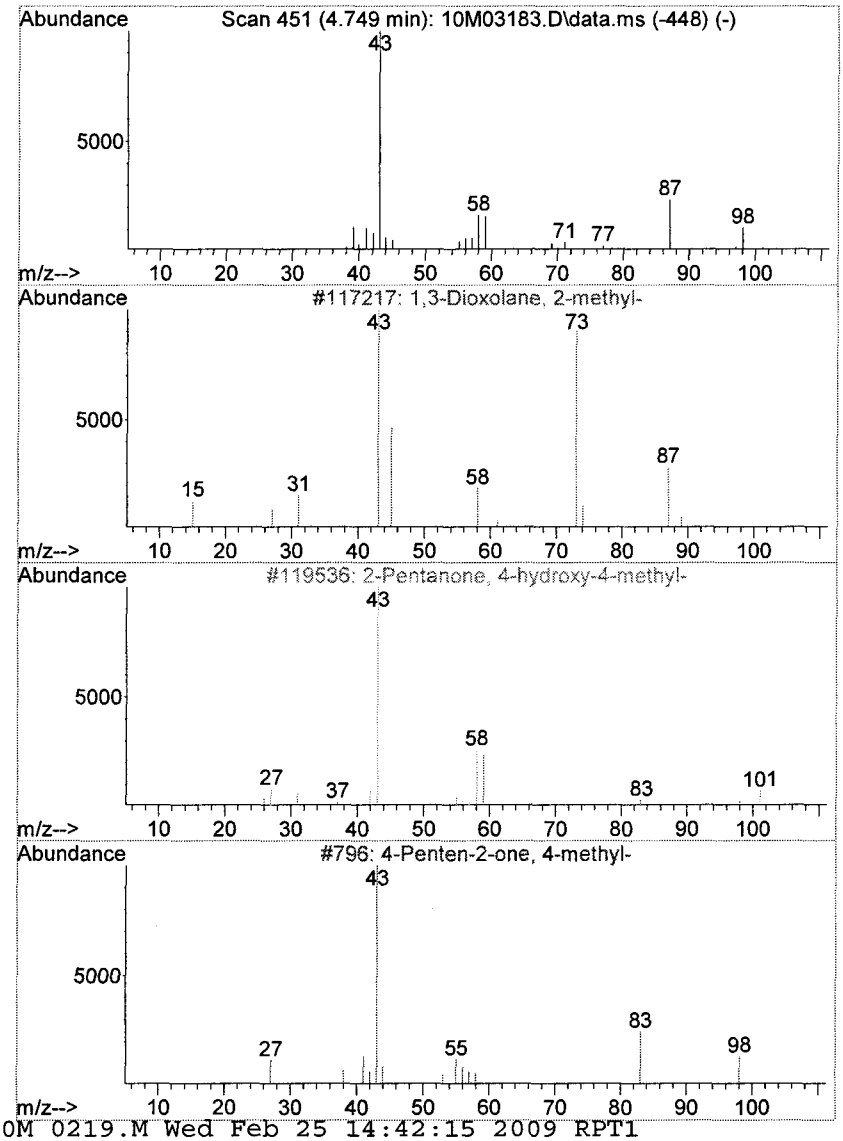
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

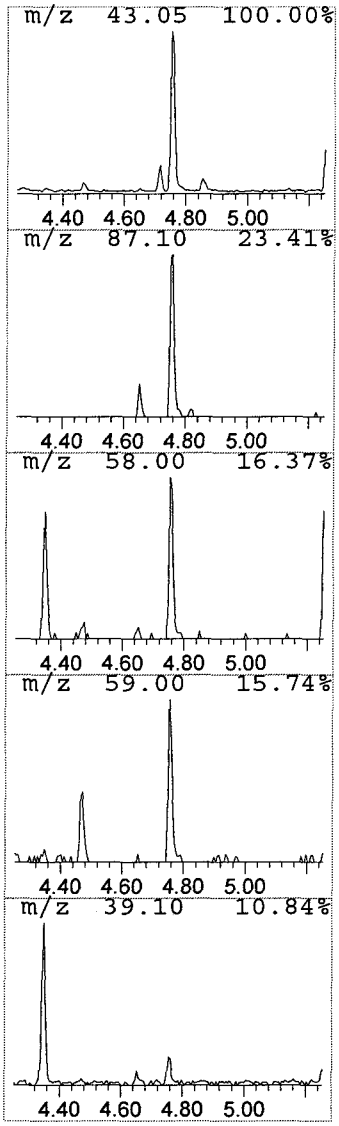
****

Peak Number 3 unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	8.07 ng	67717	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	27
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23
5	4-Hexen-2-one	98	C6H10O	025659-22-7	9





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03183.D
Acq On : 24 Feb 2009 20:10
Operator : AHD
Sample : AC42868-001
Misc : S,BNA
ALS Vial : 24 Sample Multiplier: 1

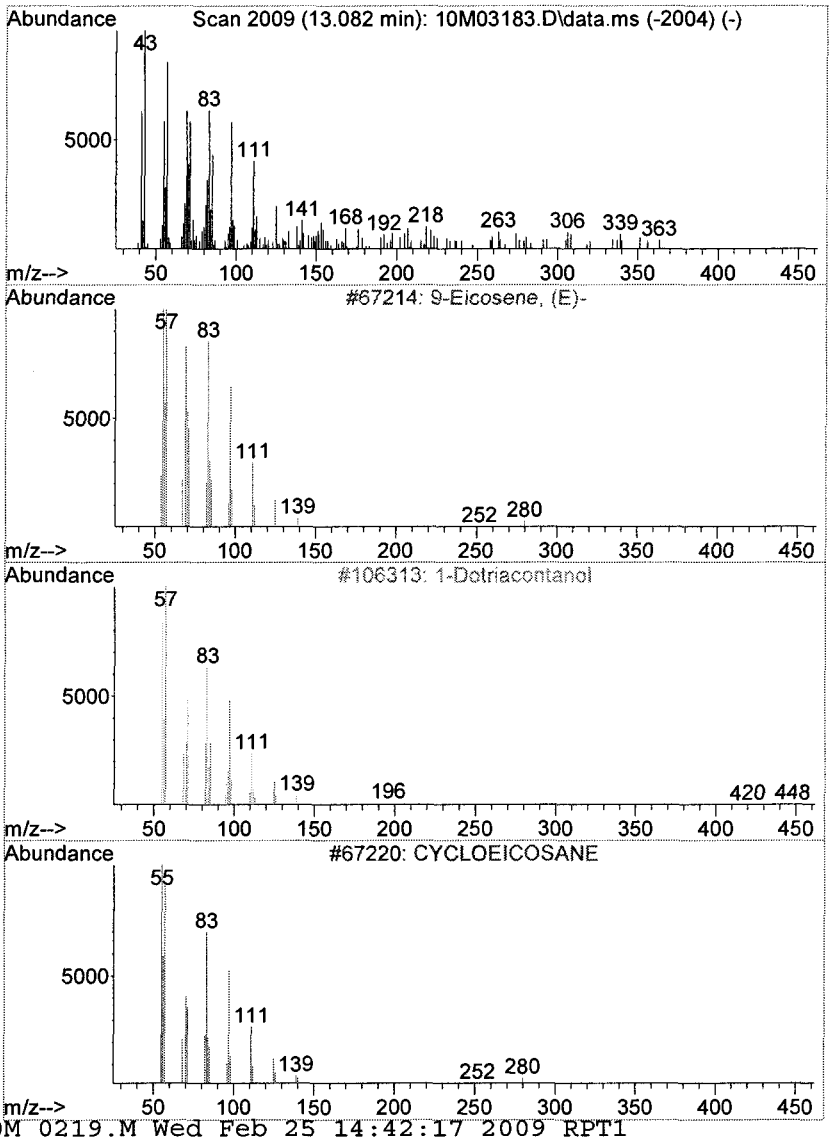
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

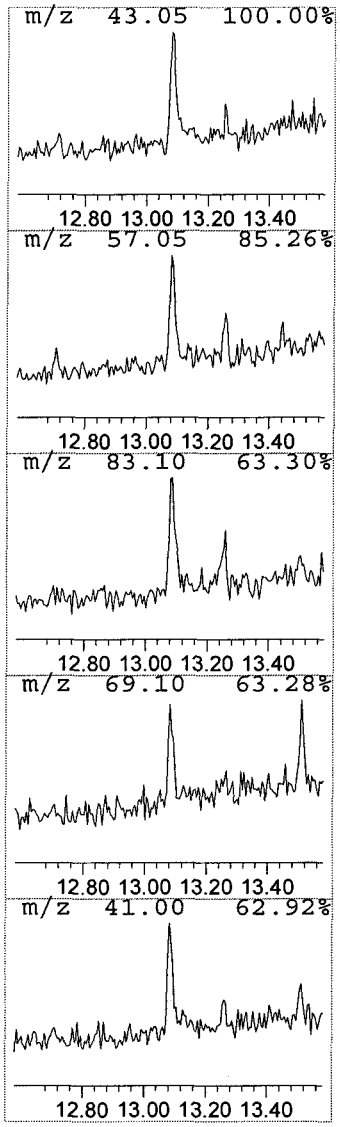
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	4.80 ng	87289	Chrysene-d12	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	1-Dotriacontanol	467	C32H66O	006624-79-9	83
3	CYCLOEICOSANE	280	C20H40	000000-00-0	83
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
5	1-Hentetracontanol	593	C41H84O	040710-42-7	68





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03183.D
Acq On : 24 Feb 2009 20:10
Operator : AHD
Sample : AC42868-001
Misc : S,BNA
ALS Vial : 24 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc
unknown	3.70	13.1	ng	110103	1	5.56	5.56	335767	40.0
2-Pentanone, 4-hy...	4.04	1843.9	ng	15477900	1	5.56	5.56	335767	40.0
unknown	4.75	8.1	ng	67717	1	5.56	5.56	335767	40.0
9-Eicosene, (E)-	13.08	4.8	ng	87289	5	12.41	12.41	728017	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-002
Client Id: WB-3
Data File: 10M03184.D
Analysis Date: 02/24/09 20:32
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.084	U	191-24-2	Benzo[g,h,i]perylene	0.084	U
122-66-7	1,2-Diphenylhydrazine	0.084	U	207-08-9	Benzo[k]fluoranthene	0.084	U
95-95-4	2,4,5-Trichlorophenol	0.084	U	65-85-0	Benzoic Acid	0.42	U
88-06-2	2,4,6-Trichlorophenol	0.084	U	111-91-1	bis(2-Chloroethoxy)methan	0.084	U
120-83-2	2,4-Dichlorophenol	0.084	U	111-44-4	bis(2-Chloroethyl)ether	0.084	U
105-67-9	2,4-Dimethylphenol	0.084	U	108-60-1	bis(2-chloroisopropyl)ether	0.084	U
51-28-5	2,4-Dinitrophenol	0.42	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.084	U
121-14-2	2,4-Dinitrotoluene	0.084	U	85-68-7	Butylbenzylphthalate	0.084	U
606-20-2	2,6-Dinitrotoluene	0.084	U	86-74-8	Carbazole	0.084	U
91-58-7	2-Chloronaphthalene	0.084	U	218-01-9	Chrysene	0.084	U
95-57-8	2-Chlorophenol	0.084	U	53-70-3	Dibenzo[a,h]anthracene	0.084	U
91-57-6	2-Methylnaphthalene	0.084	U	132-64-9	Dibenzofuran	0.084	U
95-48-7	2-Methylphenol	0.084	U	84-66-2	Diethylphthalate	0.084	U
88-74-4	2-Nitroaniline	0.084	U	131-11-3	Dimethylphthalate	0.084	U
88-75-5	2-Nitrophenol	0.084	U	84-74-2	Di-n-butylphthalate	0.084	U
106-44-5	3&4-Methylphenol	0.084	U	117-84-0	Di-n-octylphthalate	0.084	U
91-94-1	3,3'-Dichlorobenzidine	0.084	U	206-44-0	Fluoranthene	0.084	U
99-09-2	3-Nitroaniline	0.084	U	86-73-7	Fluorene	0.084	U
534-52-1	4,6-Dinitro-2-methylphenol	0.42	U	118-74-1	Hexachlorobenzene	0.084	U
101-55-3	4-Bromophenyl-phenylether	0.084	U	87-68-3	Hexachlorobutadiene	0.084	U
59-50-7	4-Chloro-3-methylphenol	0.084	U	77-47-4	Hexachlorocyclopentadiene	0.084	U
106-47-8	4-Chloroaniline	0.084	U	67-72-1	Hexachloroethane	0.084	U
7005-72-3	4-Chlorophenyl-phenylether	0.084	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.084	U
100-01-6	4-Nitroaniline	0.084	U	78-59-1	Isophorone	0.084	U
100-02-7	4-Nitrophenol	0.084	U	91-20-3	Naphthalene	0.084	U
83-32-9	Acenaphthene	0.084	U	98-95-3	Nitrobenzene	0.084	U
208-96-8	Acenaphthylene	0.084	U	62-75-9	N-Nitrosodimethylamine	0.084	U
62-53-3	Aniline	0.084	U	621-64-7	N-Nitroso-di-n-propylamine	0.084	U
120-12-7	Anthracene	0.084	U	86-30-6	n-Nitrosodiphenylamine	0.084	U
92-87-5	Benzidine	0.42	U	87-86-5	Pentachlorophenol	0.42	U
56-55-3	Benzo[a]anthracene	0.084	U	85-01-8	Phenanthrene	0.084	U
50-32-8	**Benzo[a]pyrene**	**0.084**	**0.45**	108-95-2	Phenol	0.084	U
205-99-2	Benzo[b]fluoranthene	0.084	U	129-00-0	Pyrene	0.084	U

Worksheet #: 109913

Total Target Concentration 0.45

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-002
Client Id: WB-3
Data File: 10M03184.D
Analysis Date: 02/24/09 20:32
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.70	0.52 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.04	76 JAB
3		unknown	4.75	0.32 JB
4	19047-85-9	Phosphonic acid, dioctadecyl ester	12.31	0.43 J
5	297-03-0	Cyclotetracosane	13.08	1.0 J

Worksheet #: 109913

Total Tentatively Identified Concentration 78

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

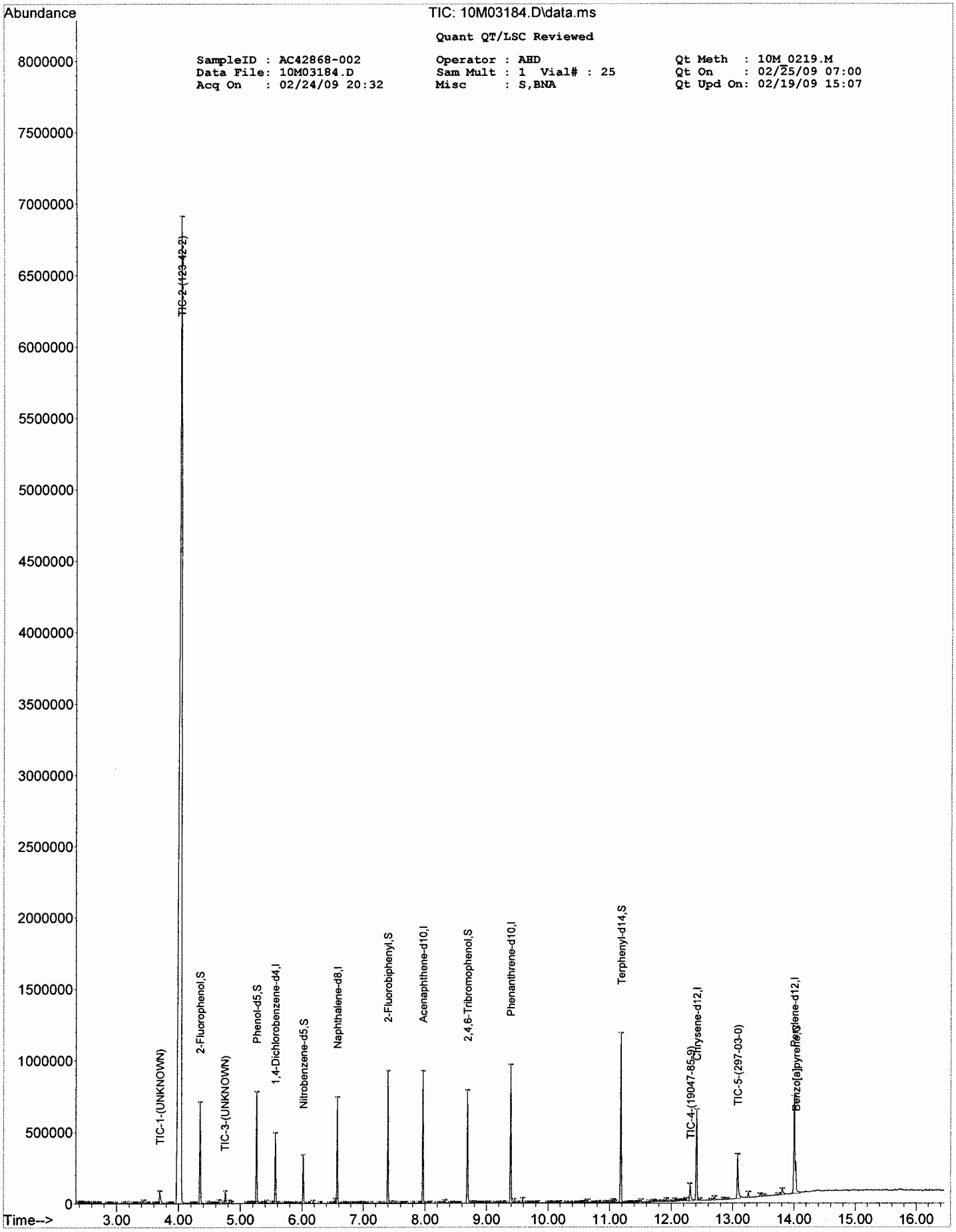
Quantitation Report (QT/LSC Reviewed)

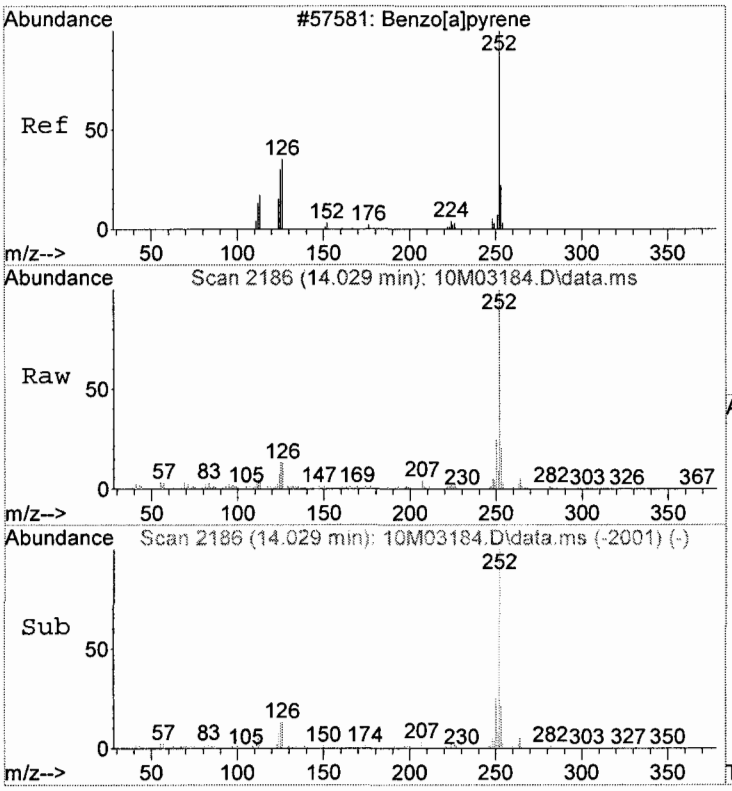
SampleID : AC42868-002 Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03184.D Sam Mult : 1 Vial# : 25 Qt On : 02/25/09 07:00
Acq On : 02/24/09 20:32 Misc : S,BNA Qt Upd On: 02/19/09 15:07

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.562	152	65492	40.00	ng	-0.02
23) Naphthalene-d8	6.578	136	270760	40.00	ng	-0.02
41) Acenaphthene-d10	7.964	164	178047	40.00	ng	-0.02
67) Phenanthrene-d10	9.392	188	331311	40.00	ng	-0.02
81) Chrysene-d12	12.414	240	280211	40.00	ng	-0.02
96) Perylene-d12	14.002	264	277434	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.348	112	176693	97.64	ng	-0.02
Spiked Amount 100.000			Recovery = 97.64%			
9) Phenol-d5	5.263	99	238635	92.22	ng	-0.01
Spiked Amount 100.000			Recovery = 92.22%			
24) Nitrobenzene-d5	6.022	128	44842	40.34	ng	-0.02
Spiked Amount 50.000			Recovery = 80.68%			
46) 2-Fluorobiphenyl	7.397	172	239769	39.36	ng	-0.02
Spiked Amount 50.000			Recovery = 78.72%			
70) 2,4,6-Tribromophenol	8.686	330	103525	81.55	ng	-0.02
Spiked Amount 100.000			Recovery = 81.55%			
84) Terphenyl-d14	11.184	244	432845	55.59	ng	-0.02
Spiked Amount 50.000			Recovery = 111.18%			
Target Compounds						Qvalue
100) Benzo[a]pyrene	14.029	252	89041	10.75	ng	91
Library Search Compounds						
1) UNKNOWN	3.700		118419	12.36	ng	--
2) 123-42-2	4.040		17360300	1811.54	ng	56
3) UNKNOWN	4.750		73102	7.63	ng	--
4) 19047-85-9	12.310		168588	10.18	ng	90
5) 297-03-0	13.080		401580	24.24	ng	98

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

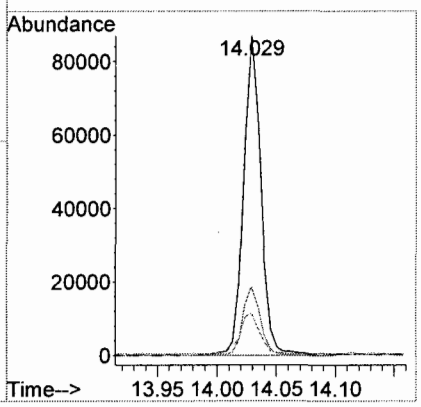

Abundance
TIC: 10M03184.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC42868-002
Data File: 10M03184.D
Acq On : 02/24/09 20:32
Operator : AHD
Sam Mult : 1 Vial# : 25
Misc : S,BNA
Qt Meth : 10M_0219.M
Qt On : 02/25/09 07:00
Qt Upd On: 02/19/09 15:07
8000000
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
TIC-1-(UNKNOWN)
TIC-2-(123-42-2)
2-Fluorophenol,S
TIC-3-(UNKNOWN)
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
TIC-4-(19047-85-9)
Chrysene-d12,I
TIC-5-(297-03-0)
Benzo[a]pyrene-d12,I
Perylene-d12,I



#100
Benzo[a]pyrene
Concen: 10.75 ng
RT: 14.029 min Scan# 2186
Delta R.T. 0.064 min
Lab File: 10M03184.D
Acq: 24 Feb 2009 20:32

Tgt Ion:252 Resp: 89041

Ion	Ratio	Lower	Upper
252	100		
253	21.5	0.0	62.4
125	12.7	0.0	60.9



LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03184.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.390	4	10	12	rBV7	2708	4636	0.03%	0.017%
2	2.428	12	17	21	rVV6	3351	6536	0.04%	0.024%
3	2.465	21	24	34	rVB8	3725	8641	0.05%	0.032%
4	2.524	34	35	38	rBV3	1995	1429	0.01%	0.005%
5	2.551	38	40	45	rVB4	1756	3002	0.02%	0.011%
6	2.626	49	54	56	rBV3	3622	4412	0.03%	0.016%
7	2.690	64	66	69	rVB5	1980	1746	0.01%	0.006%
8	2.722	70	72	77	rVB4	1087	1182	0.01%	0.004%
9	2.856	93	97	101	rVB4	1699	3077	0.02%	0.011%
10	2.904	101	106	107	rBV2	1457	2130	0.01%	0.008%
11	2.979	118	120	123	rBV2	1114	1546	0.01%	0.006%
12	3.107	142	144	150	rVB5	1632	2374	0.01%	0.009%
13	3.177	150	157	163	rBV4	5519	9680	0.06%	0.035%
14	3.262	172	173	175	rBV2	1570	1019	0.01%	0.004%
15	3.305	178	181	190	rVB5	2060	3791	0.02%	0.014%
16	3.375	193	194	198	rBV2	1360	1231	0.01%	0.004%
17	3.433	200	205	213	rBV2	14928	20541	0.12%	0.075%
18	3.503	213	218	222	rVB5	1362	2201	0.01%	0.008%
19	3.610	235	238	241	rBV3	1696	1861	0.01%	0.007%
20	3.658	243	247	251	rBV3	1029	1604	0.01%	0.006%
21	3.696	251	254	273	rVV	79999	118419	0.68%	0.433%
22	3.835	277	280	285	rVB4	1267	1867	0.01%	0.007%
23	3.888	285	290	295	rBV4	1551	2436	0.01%	0.009%
24	4.038	302	318	348	rBV	6904625	17360302	100.00%	63.429%
25	4.214	348	351	352	rVB2	1725	1455	0.01%	0.005%
26	4.236	352	355	356	rBV3	1414	1258	0.01%	0.005%
27	4.268	356	361	365	rVB5	1763	2941	0.02%	0.011%
28	4.348	369	376	389	rBV	702629	603790	3.48%	2.206%
29	4.471	393	399	404	rVB	7522	7040	0.04%	0.026%
30	4.525	407	409	412	rBV2	1413	993	0.01%	0.004%
31	4.567	412	417	419	rVV2	1365	1701	0.01%	0.006%
32	4.594	421	422	426	rVB2	1195	1096	0.01%	0.004%
33	4.653	426	433	438	rBV	17222	15509	0.09%	0.057%
34	4.717	442	445	449	rBV	8900	7934	0.05%	0.029%
35	4.755	449	452	460	rVV	79851	73102	0.42%	0.267%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

36	4.819	460	464	468	rVB	14140	11691	0.07%	0.043%
37	4.856	468	471	477	rBV2	7095	6055	0.03%	0.022%
38	5.102	511	517	520	rBV3	2285	3846	0.02%	0.014%
39	5.134	520	523	526	rVV2	3446	3781	0.02%	0.014%
40	5.161	526	528	531	rVV	9035	7573	0.04%	0.028%
41	5.188	531	533	537	rVV2	4356	3642	0.02%	0.013%
42	5.225	537	540	542	rVV	4905	3902	0.02%	0.014%
43	5.263	542	547	558	rVV	773616	676167	3.89%	2.470%
44	5.327	558	559	567	rVV4	3128	5564	0.03%	0.020%
45	5.380	567	569	572	rVV2	1662	1803	0.01%	0.007%
46	5.418	572	576	582	rVB2	13903	14348	0.08%	0.052%
47	5.509	584	593	597	rBV3	4915	6593	0.04%	0.024%
48	5.562	599	603	611	rBV	484636	382542	2.20%	1.398%
49	5.610	611	612	617	rVB4	2383	2510	0.01%	0.009%
50	5.712	622	631	633	rBV6	2749	4021	0.02%	0.015%
51	5.749	634	638	641	rVB3	1507	1503	0.01%	0.005%
52	5.792	644	646	650	rVB3	1969	2443	0.01%	0.009%
53	5.824	650	652	654	rBV2	1628	1498	0.01%	0.005%
54	5.888	659	664	669	rVB4	1411	1965	0.01%	0.007%
55	5.963	674	678	682	rVB2	1077	1150	0.01%	0.004%
56	6.017	682	688	700	rBV	333270	290420	1.67%	1.061%
57	6.102	700	704	708	rVB5	2066	2497	0.01%	0.009%
58	6.183	714	719	723	rBV	13316	10351	0.06%	0.038%
59	6.300	739	741	745	rBV	2374	2275	0.01%	0.008%
60	6.445	763	768	770	rBV2	1186	952	0.01%	0.003%
61	6.509	777	780	782	rBV2	2184	1741	0.01%	0.006%
62	6.541	782	786	789	rVB	26540	17635	0.10%	0.064%
63	6.578	789	793	804	rBV	736519	561221	3.23%	2.051%
64	6.669	807	810	816	rVV5	1566	1886	0.01%	0.007%
65	6.707	816	817	822	rVB3	1199	1248	0.01%	0.005%
66	6.771	825	829	831	rBV2	1235	1160	0.01%	0.004%
67	6.792	831	833	838	rVB	1330	1484	0.01%	0.005%
68	6.841	838	842	848	rBV3	1276	2069	0.01%	0.008%
69	6.889	848	851	855	rBV3	1387	1445	0.01%	0.005%
70	6.931	855	859	860	rBV	1318	1021	0.01%	0.004%
71	6.964	860	865	870	rVB3	4298	4462	0.03%	0.016%
72	7.006	870	873	875	rBV2	1600	1421	0.01%	0.005%
73	7.044	875	880	883	rVB3	1316	1823	0.01%	0.007%
74	7.119	891	894	900	rBV3	3237	4121	0.02%	0.015%
75	7.252	914	919	923	rBV3	1224	1433	0.01%	0.005%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

76	7.317	923	931	935	rBV4	1523	3174	0.02%	0.012%
77	7.397	938	946	953	rBV	919270	670316	3.86%	2.449%
78	7.456	955	957	961	rVB	7457	6247	0.04%	0.023%
79	7.514	963	968	975	rVB5	3730	4850	0.03%	0.018%
80	7.605	980	985	986	rVB2	1248	1442	0.01%	0.005%
81	7.648	990	993	995	rBV2	1061	1204	0.01%	0.004%
82	7.686	995	1000	1005	rVV5	2191	2405	0.01%	0.009%
83	7.798	1015	1021	1025	rBV5	1817	2594	0.01%	0.009%
84	7.900	1034	1040	1042	rVB3	2057	1966	0.01%	0.007%
85	7.964	1047	1052	1062	rBV	917176	753521	4.34%	2.753%
86	8.039	1062	1066	1072	rVV3	1706	3355	0.02%	0.012%
87	8.087	1072	1075	1082	rVB6	4013	4329	0.02%	0.016%
88	8.199	1091	1096	1098	rBV3	1568	1368	0.01%	0.005%
89	8.247	1103	1105	1110	rVB2	1512	1869	0.01%	0.007%
90	8.290	1110	1113	1116	rBV	1035	1160	0.01%	0.004%
91	8.322	1116	1119	1126	rBV	15916	14438	0.08%	0.053%
92	8.408	1131	1135	1136	rBV3	1451	1103	0.01%	0.004%
93	8.450	1141	1143	1146	rVB	4039	2413	0.01%	0.009%
94	8.509	1151	1154	1157	rVB3	1395	1369	0.01%	0.005%
95	8.557	1157	1163	1165	rBV5	1453	1751	0.01%	0.006%
96	8.686	1181	1187	1198	rBV	783718	703545	4.05%	2.571%
97	8.761	1198	1201	1205	rVV5	6294	8901	0.05%	0.033%
98	8.798	1205	1208	1214	rVV4	6213	8689	0.05%	0.032%
99	8.841	1214	1216	1219	rVB3	1864	1314	0.01%	0.005%
100	8.873	1219	1222	1223	rBV2	1394	1097	0.01%	0.004%
101	8.894	1223	1226	1231	rVB2	2371	2223	0.01%	0.008%
102	8.927	1231	1232	1238	rVB2	1434	1756	0.01%	0.006%
103	8.985	1238	1243	1245	rBV2	2447	3312	0.02%	0.012%
104	9.017	1245	1249	1251	rBV4	5122	4800	0.03%	0.018%
105	9.044	1251	1254	1258	rVB3	3335	3811	0.02%	0.014%
106	9.140	1269	1272	1273	rBV4	1600	1168	0.01%	0.004%
107	9.173	1277	1278	1282	rBV2	1056	1373	0.01%	0.005%
108	9.205	1282	1284	1288	rVB3	1994	1610	0.01%	0.006%
109	9.269	1292	1296	1300	rBV4	5869	5592	0.03%	0.020%
110	9.301	1300	1302	1305	rVB2	1861	1440	0.01%	0.005%
111	9.392	1309	1319	1326	rBV	959307	873394	5.03%	3.191%
112	9.451	1326	1330	1339	rVB	22088	24523	0.14%	0.090%
113	9.510	1339	1341	1344	rBV2	1346	1283	0.01%	0.005%
114	9.584	1347	1355	1362	rVB	29540	28966	0.17%	0.106%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

115	9.659	1362	1369	1376	rBV6	3472	7509	0.04%	0.027%
116	9.713	1376	1379	1381	rBV3	1268	1487	0.01%	0.005%
117	9.729	1381	1382	1385	rVB2	2078	1273	0.01%	0.005%
118	9.777	1389	1391	1393	rVB3	1863	985	0.01%	0.004%
119	9.804	1393	1396	1398	rVB3	1495	1119	0.01%	0.004%
120	9.830	1398	1401	1406	rBV5	5895	8584	0.05%	0.031%
121	9.996	1430	1432	1435	rBV3	1062	1200	0.01%	0.004%
122	10.028	1435	1438	1443	rVV2	4308	5141	0.03%	0.019%
123	10.076	1443	1447	1452	rVB5	1905	2781	0.02%	0.010%
124	10.135	1454	1458	1460	rBV4	1175	1073	0.01%	0.004%
125	10.162	1460	1463	1466	rVV4	2489	2760	0.02%	0.010%
126	10.189	1466	1468	1474	rBV5	5053	5668	0.03%	0.021%
127	10.306	1483	1490	1491	rBV5	2450	2967	0.02%	0.011%
128	10.371	1497	1502	1505	rBV4	2317	3452	0.02%	0.013%
129	10.429	1508	1513	1517	rBV5	2180	2137	0.01%	0.008%
130	10.472	1519	1521	1523	rBV3	2618	2341	0.01%	0.009%
131	10.494	1523	1525	1527	rVV3	2043	1631	0.01%	0.006%
132	10.515	1527	1529	1531	rVV3	1761	1356	0.01%	0.005%
133	10.552	1531	1536	1540	rVV7	3582	6146	0.04%	0.022%
134	10.585	1540	1542	1547	rVV3	6228	8012	0.05%	0.029%
135	10.643	1547	1553	1560	rVB4	14892	19968	0.12%	0.073%
136	10.740	1569	1571	1572	rBV2	2133	1249	0.01%	0.005%
137	10.756	1572	1574	1576	rBV3	1695	1583	0.01%	0.006%
138	10.825	1583	1587	1589	rBV5	3772	4320	0.02%	0.016%
139	10.932	1604	1607	1610	rBV5	2288	1416	0.01%	0.005%
140	10.970	1610	1614	1618	rVB5	4285	4678	0.03%	0.017%
141	11.012	1621	1622	1625	rVB3	1977	966	0.01%	0.004%
142	11.055	1625	1630	1633	rBV	17631	18900	0.11%	0.069%
143	11.082	1633	1635	1642	rVB4	8098	8056	0.05%	0.029%
144	11.184	1643	1654	1662	rBV	1177450	1113710	6.42%	4.069%
145	11.285	1671	1673	1677	rVB5	1882	1757	0.01%	0.006%
146	11.328	1677	1681	1682	rBV3	1744	1611	0.01%	0.006%
147	11.349	1682	1685	1689	rVV6	1751	2304	0.01%	0.008%
148	11.403	1692	1695	1698	rBV4	1634	2004	0.01%	0.007%
149	11.430	1698	1700	1702	rVB3	1997	1085	0.01%	0.004%
150	11.446	1702	1703	1706	rBV2	2291	1978	0.01%	0.007%
151	11.510	1706	1715	1725	rVV9	14248	29345	0.17%	0.107%
152	11.644	1733	1740	1746	rBV9	5991	11578	0.07%	0.042%
153	11.686	1746	1748	1751	rBV4	1926	2163	0.01%	0.008%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

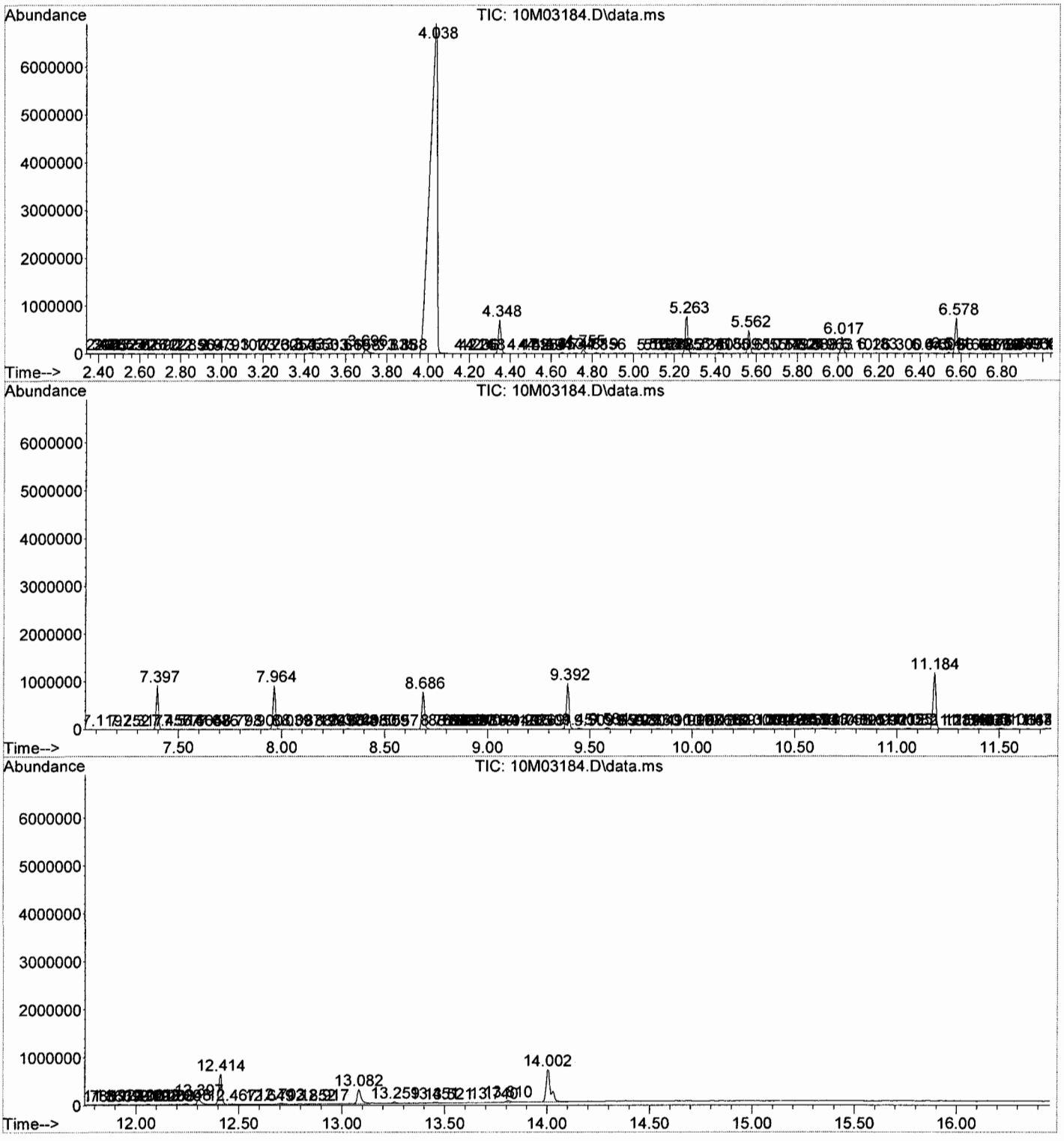
154	11.724	1751	1755	1759	rVV3	8310	9402	0.05%	0.034%
155	11.751	1759	1760	1764	rVV4	2090	2184	0.01%	0.008%
156	11.788	1766	1767	1772	rVB4	2385	3086	0.02%	0.011%
157	11.863	1778	1781	1782	rBV3	1907	1132	0.01%	0.004%
158	11.922	1788	1792	1800	rVB5	18166	22461	0.13%	0.082%
159	11.991	1801	1805	1811	rBV8	2059	3884	0.02%	0.014%
160	12.061	1811	1818	1822	rBV4	15661	16559	0.10%	0.061%
161	12.093	1822	1824	1826	rBV3	4090	2743	0.02%	0.010%
162	12.120	1826	1829	1832	rVV5	2728	2976	0.02%	0.011%
163	12.168	1835	1838	1841	rBV5	3993	4070	0.02%	0.015%
164	12.200	1841	1844	1846	rVV4	4182	4180	0.02%	0.015%
165	12.248	1848	1853	1858	rVB3	16476	19809	0.11%	0.072%
166	12.307	1858	1864	1876	rBV	116127	168588	0.97%	0.616%
167	12.414	1878	1884	1891	rBV	628692	658431	3.79%	2.406%
168	12.467	1892	1894	1898	rVB4	8110	8619	0.05%	0.031%
169	12.649	1926	1928	1931	rVB4	3288	1497	0.01%	0.005%
170	12.703	1934	1938	1946	rBV9	20923	33427	0.19%	0.122%
171	12.852	1964	1966	1971	rBV6	6521	7440	0.04%	0.027%
172	12.917	1975	1978	1980	rVB4	2647	2738	0.02%	0.010%
173	13.082	2004	2009	2019	rBV	305930	401580	2.31%	1.467%
174	13.259	2037	2042	2046	rVB3	34202	38595	0.22%	0.141%
175	13.451	2075	2078	2085	rBV9	18313	33760	0.19%	0.123%
176	13.521	2088	2091	2095	rVB6	8154	9229	0.05%	0.034%
177	13.740	2129	2132	2134	rBV4	7142	7160	0.04%	0.026%
178	13.810	2140	2145	2152	rBV7	38961	69977	0.40%	0.256%
179	14.002	2175	2181	2200	rBV2	676850	1044424	6.02%	3.816%

Sum of corrected areas: 27369659

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

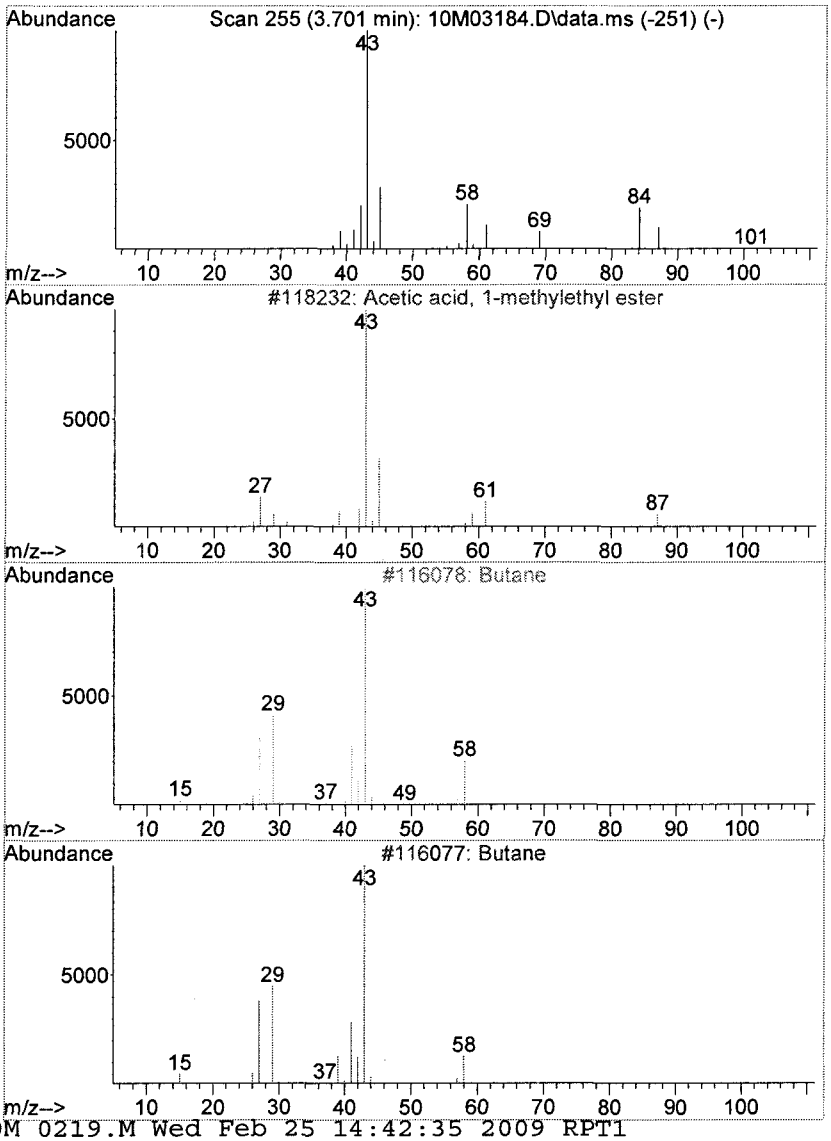
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

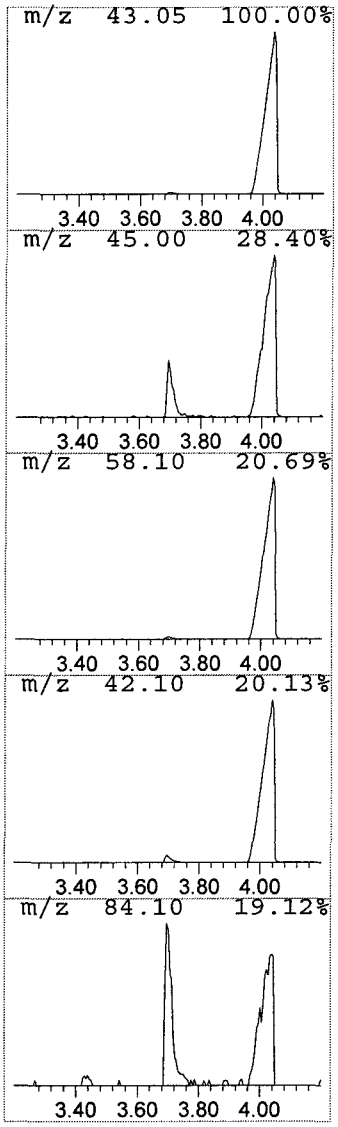
****

Peak Number 1 unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	12.36 ng	118419	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	23
2	Butane	58	C4H10	000106-97-8	16
3	Butane	58	C4H10	000106-97-8	9
4	Butane	58	C4H10	000106-97-8	9
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	9





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

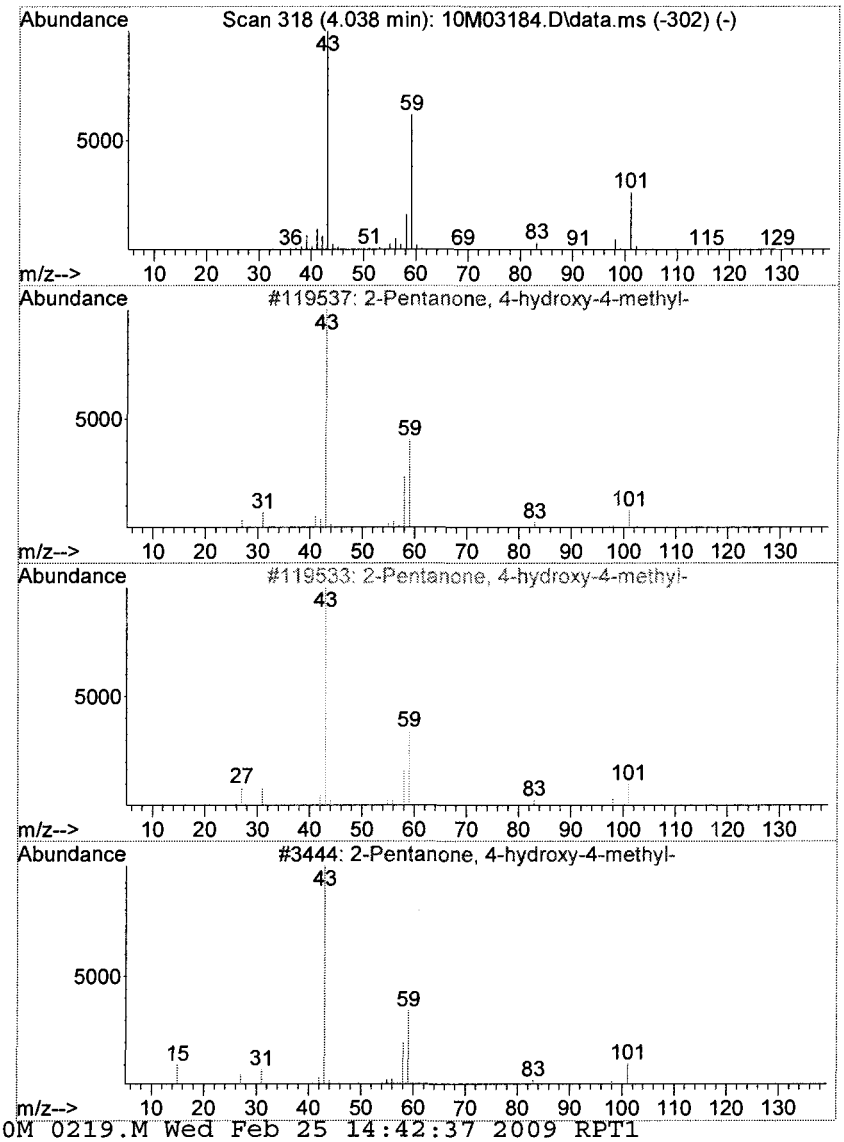
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

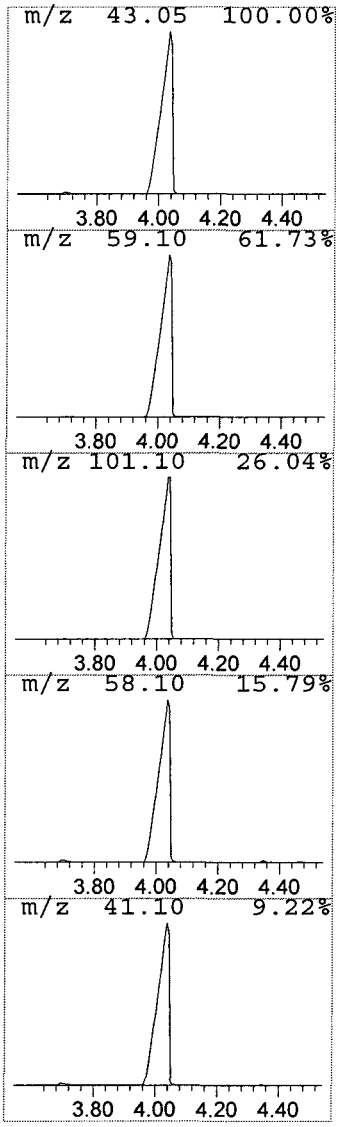
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.04	1811.54 ng	17360300	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

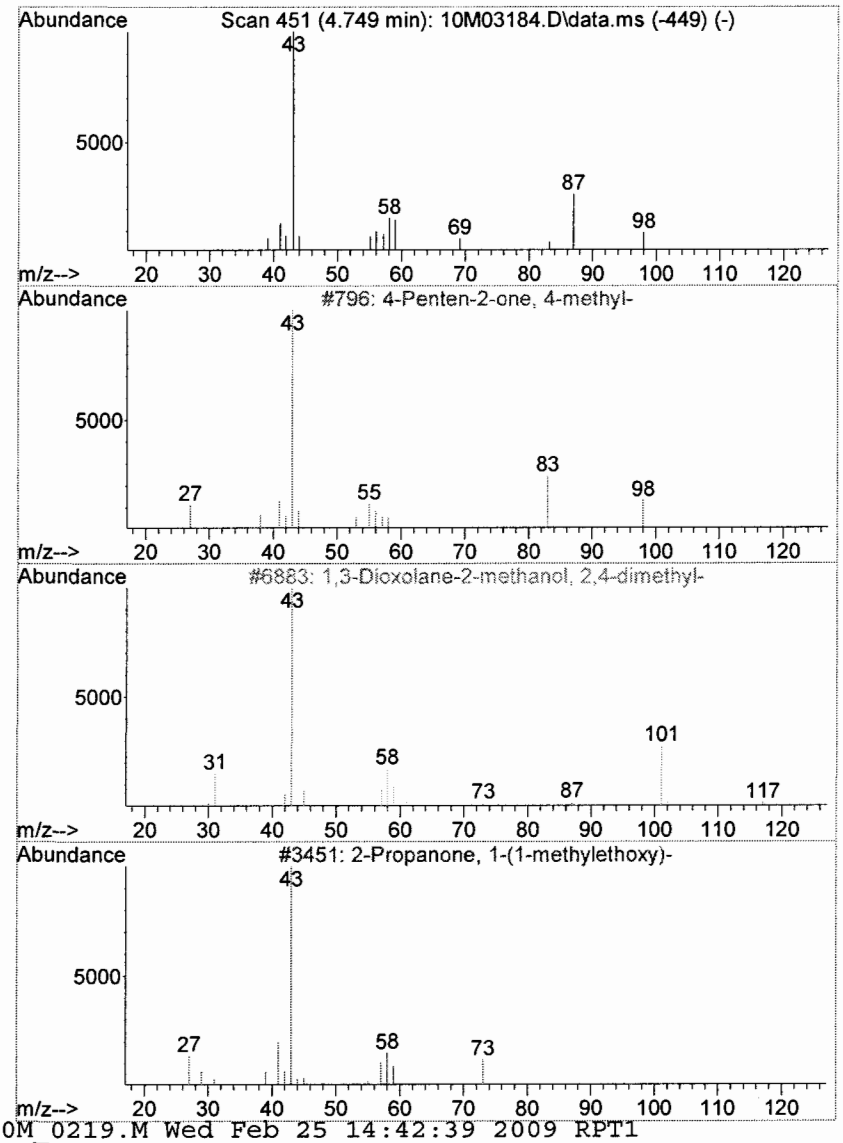
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

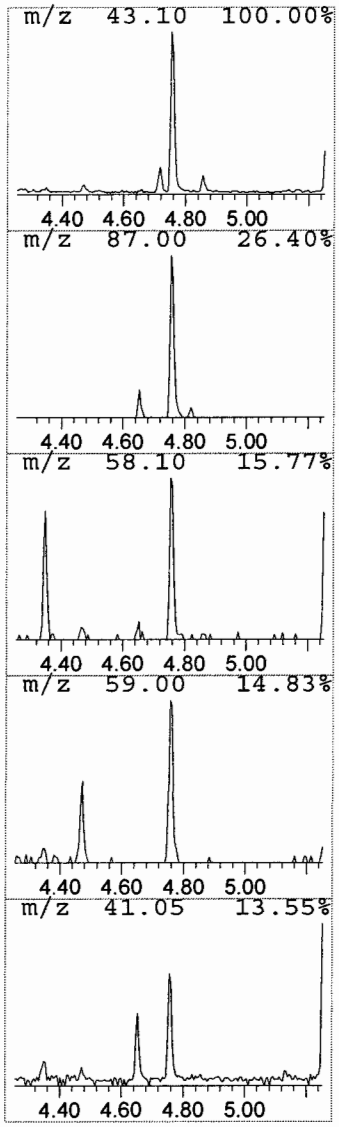
****

Peak Number 3 unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	7.63 ng	73102	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	27
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
3	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	17
4	4-Hexen-2-one	98	C6H10O	025659-22-7	16
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	16





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

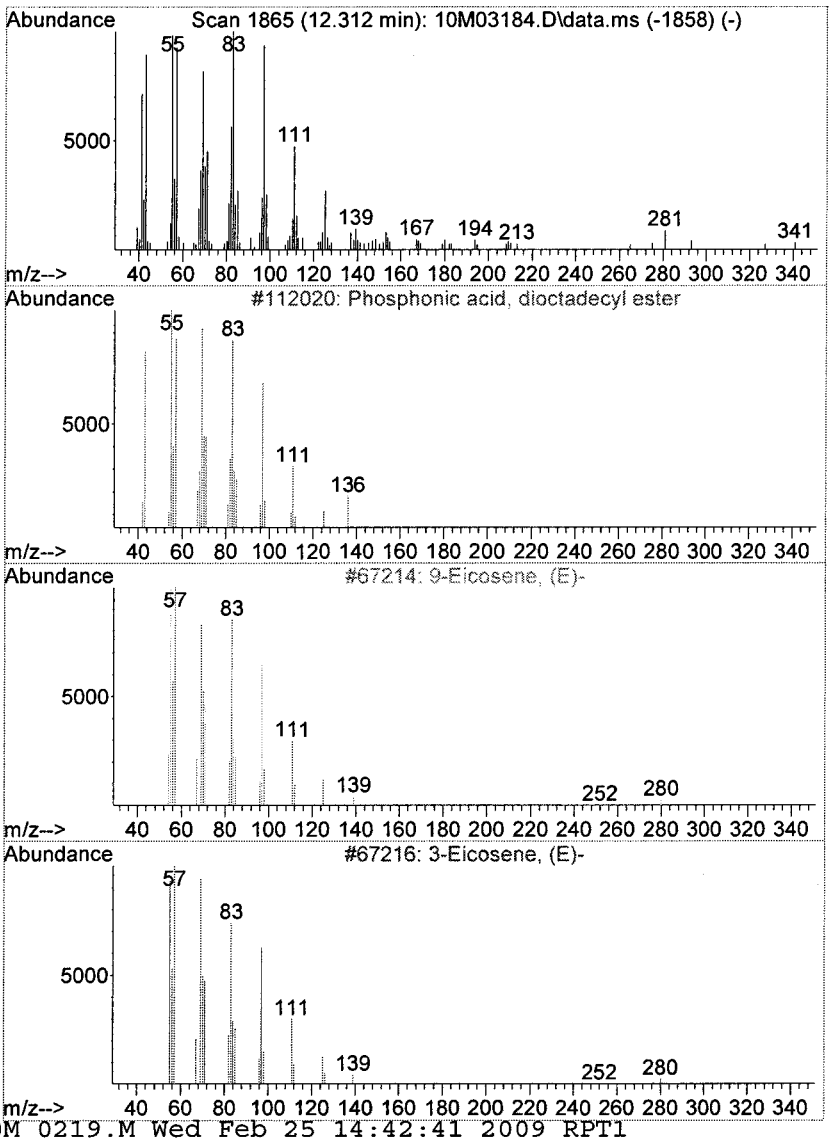
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

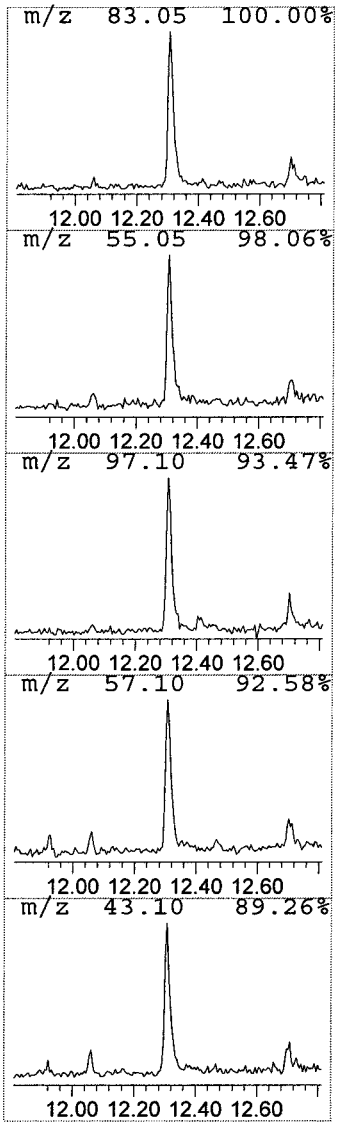
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phosphonic acid, dioctadecy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	10.18 ng	168588	Chrysene-d12	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	90
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
4	1-HENEICOSYL FORMATE	340	C22H44O2	077899-03-7	83
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	78





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

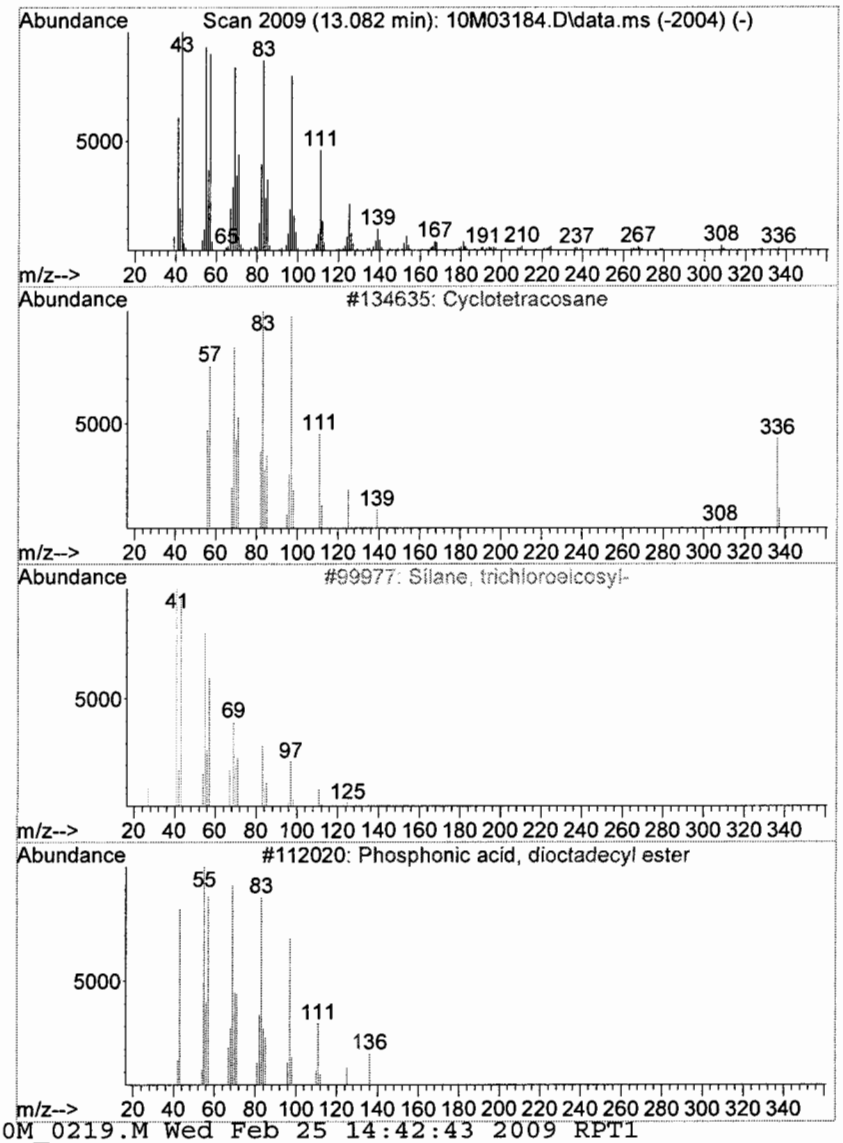
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

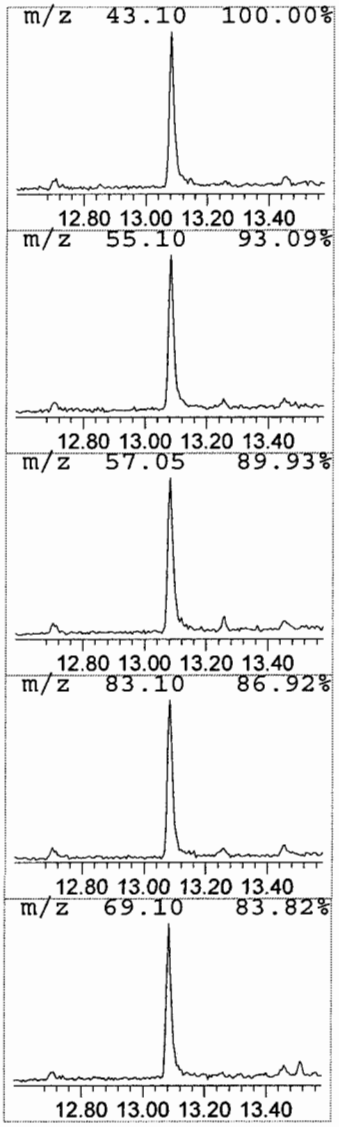
****

Peak Number 5 Cyclotetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	24.24 ng	401580	Chrysene-d12	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	Silane, trichloroeicosyl-	414	C20H41Cl3Si	018733-57-8	87
3	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	87
4	1-Octadecanol	270	C18H38O	000112-92-5	87
5	1-HENEICOSYL FORMATE	340	C22H44O2	077899-03-7	72





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03184.D
Acq On : 24 Feb 2009 20:32
Operator : AHD
Sample : AC42868-002
Misc : S,BNA
ALS Vial : 25 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard				
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc
unknown	3.70	12.4	ng	118419	1	5.56	5.56	383327	40.0
2-Pentanone, 4-hy...	4.04	1811.5	ng	17360300	1	5.56	5.56	383327	40.0
unknown	4.75	7.6	ng	73102	1	5.56	5.56	383327	40.0
Phosphonic acid, ...	12.31	10.2	ng	168588	5	12.41	12.41	662603	40.0
Cyclotetracosane	13.08	24.2	ng	401580	5	12.41	12.41	662603	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-003
Client Id: WB-4
Data File: 10M03185.D
Analysis Date: 02/24/09 20:54
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.084	U	191-24-2	Benzo[g,h,i]perylene	0.084	U
122-66-7	1,2-Diphenylhydrazine	0.084	U	207-08-9	Benzo[k]fluoranthene	0.084	U
95-95-4	2,4,5-Trichlorophenol	0.084	U	65-85-0	Benzoic Acid	0.42	U
88-06-2	2,4,6-Trichlorophenol	0.084	U	111-91-1	bis(2-Chloroethoxy)methan	0.084	U
120-83-2	2,4-Dichlorophenol	0.084	U	111-44-4	bis(2-Chloroethyl)ether	0.084	U
105-67-9	2,4-Dimethylphenol	0.084	U	108-60-1	bis(2-chloroisopropyl)ether	0.084	U
51-28-5	2,4-Dinitrophenol	0.42	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.084	U
121-14-2	2,4-Dinitrotoluene	0.084	U	85-68-7	Butylbenzylphthalate	0.084	U
606-20-2	2,6-Dinitrotoluene	0.084	U	86-74-8	Carbazole	0.084	U
91-58-7	2-Chloronaphthalene	0.084	U	218-01-9	Chrysene	0.084	U
95-57-8	2-Chlorophenol	0.084	U	53-70-3	Dibenzo[a,h]anthracene	0.084	U
91-57-6	2-Methylnaphthalene	0.084	U	132-64-9	Dibenzofuran	0.084	U
95-48-7	2-Methylphenol	0.084	U	84-66-2	Diethylphthalate	0.084	U
88-74-4	2-Nitroaniline	0.084	U	131-11-3	Dimethylphthalate	0.084	U
88-75-5	2-Nitrophenol	0.084	U	84-74-2	Di-n-butylphthalate	0.084	U
106-44-5	3&4-Methylphenol	0.084	U	117-84-0	Di-n-octylphthalate	0.084	U
91-94-1	3,3'-Dichlorobenzidine	0.084	U	206-44-0	Fluoranthene	0.084	U
99-09-2	3-Nitroaniline	0.084	U	86-73-7	Fluorene	0.084	U
534-52-1	4,6-Dinitro-2-methylphenol	0.42	U	118-74-1	Hexachlorobenzene	0.084	U
101-55-3	4-Bromophenyl-phenylether	0.084	U	87-68-3	Hexachlorobutadiene	0.084	U
59-50-7	4-Chloro-3-methylphenol	0.084	U	77-47-4	Hexachlorocyclopentadiene	0.084	U
106-47-8	4-Chloroaniline	0.084	U	67-72-1	Hexachloroethane	0.084	U
7005-72-3	4-Chlorophenyl-phenylether	0.084	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.084	U
100-01-6	4-Nitroaniline	0.084	U	78-59-1	Isophorone	0.084	U
100-02-7	4-Nitrophenol	0.084	U	91-20-3	Naphthalene	0.084	U
83-32-9	Acenaphthene	0.084	U	98-95-3	Nitrobenzene	0.084	U
208-96-8	Acenaphthylene	0.084	U	62-75-9	N-Nitrosodimethylamine	0.084	U
62-53-3	Aniline	0.084	U	621-64-7	N-Nitroso-di-n-propylamine	0.084	U
120-12-7	Anthracene	0.084	U	86-30-6	n-Nitrosodiphenylamine	0.084	U
92-87-5	Benzidine	0.42	U	87-86-5	Pentachlorophenol	0.42	U
56-55-3	Benzo[a]anthracene	0.084	U	85-01-8	Phenanthrene	0.084	U
50-32-8	**Benzo[a]pyrene**	**0.084**	**2.0**	108-95-2	Phenol	0.084	U
205-99-2	Benzo[b]fluoranthene	0.084	U	129-00-0	Pyrene	0.084	U

Worksheet #: 109913

Total Target Concentration 2

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-003
Client Id: WB-4
Data File: 10M03185.D
Analysis Date: 02/24/09 20:54
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.70	0.52 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.04	77 JAB
3		unknown	4.75	0.32 JB
4	19047-85-9	Phosphonic acid, dioctadecyl ester	13.08	0.28 J

Worksheet #: 109913

Total Tentatively Identified Concentration 78

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

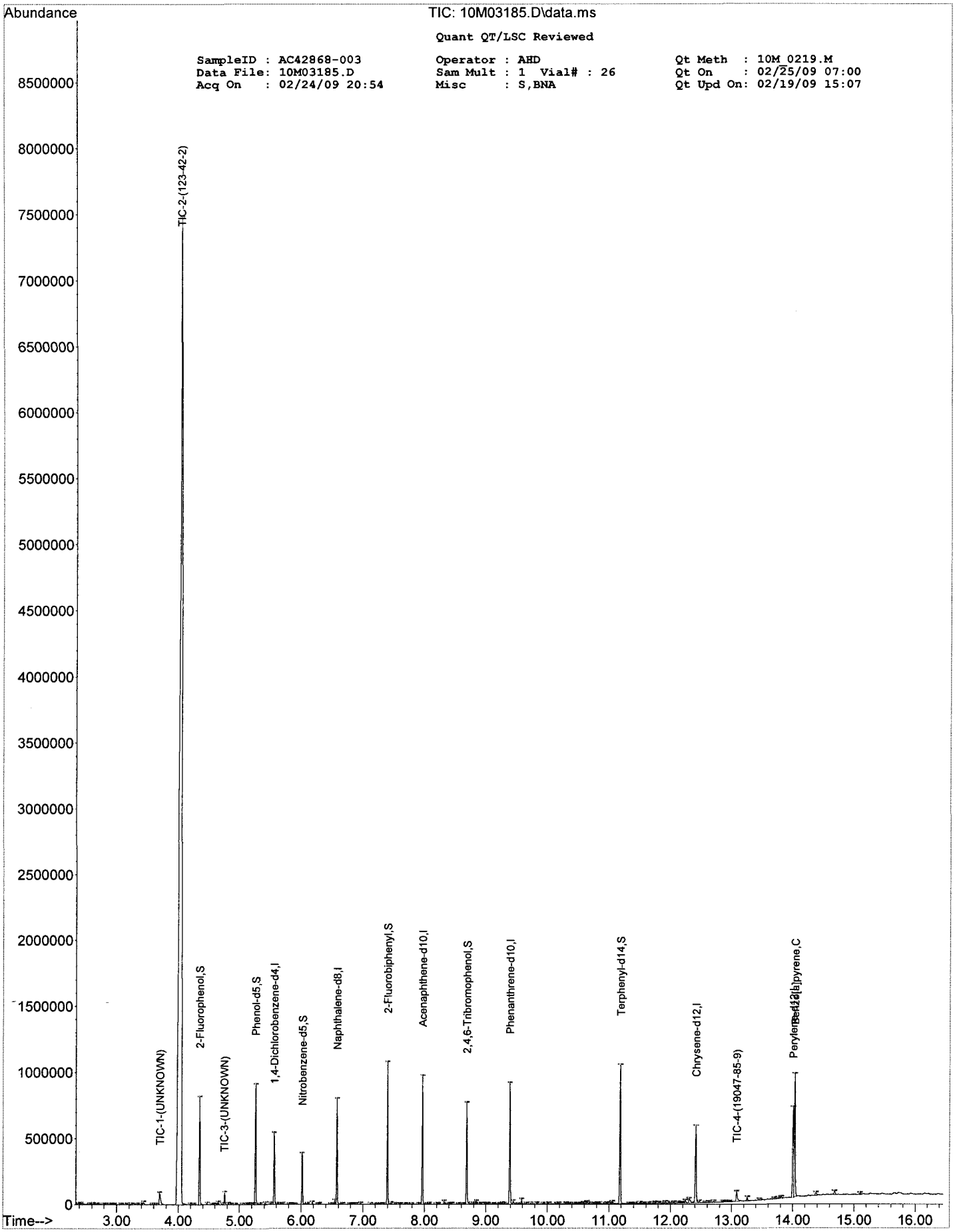
Quantitation Report (QT/LSC Reviewed)

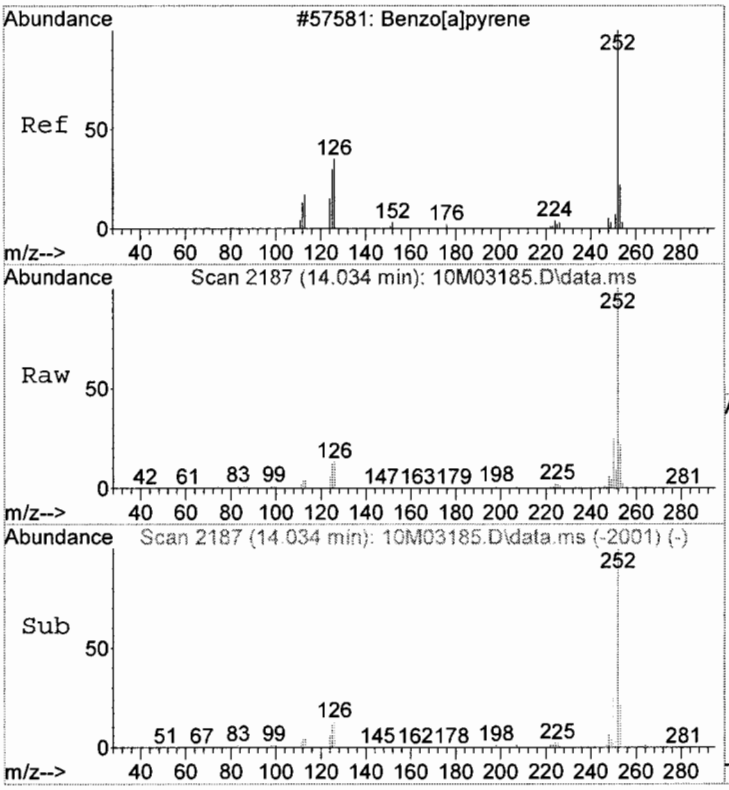
SampleID : AC42868-003 Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03185.D Sam Mult : 1 Vial# : 26 Qt On : 02/25/09 07:00
Acq On : 02/24/09 20:54 Misc : S,BNA Qt Upd On: 02/19/09 15:07

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.562	152	76910	40.00	ng	-0.02
23) Naphthalene-d8	6.578	136	299727	40.00	ng	-0.02
41) Acenaphthene-d10	7.964	164	189816	40.00	ng	-0.02
67) Phenanthrene-d10	9.392	188	320997	40.00	ng	-0.02
81) Chrysene-d12	12.414	240	263128	40.00	ng	-0.02
96) Perylene-d12	14.008	264	281432	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.348	112	200263	94.23	ng	-0.02
Spiked Amount 100.000			Recovery =	94.23%		
9) Phenol-d5	5.263	99	273576	90.02	ng	-0.01
Spiked Amount 100.000			Recovery =	90.02%		
24) Nitrobenzene-d5	6.022	128	52068	42.32	ng	-0.02
Spiked Amount 50.000			Recovery =	84.64%		
46) 2-Fluorobiphenyl	7.397	172	276913	42.64	ng	-0.02
Spiked Amount 50.000			Recovery =	85.28%		
70) 2,4,6-Tribromophenol	8.686	330	100183	81.45	ng	-0.02
Spiked Amount 100.000			Recovery =	81.45%		
84) Terphenyl-d14	11.184	244	394717	53.98	ng	-0.02
Spiked Amount 50.000			Recovery =	107.96%		
Target Compounds						Qvalue
100) Benzo[a]pyrene	14.034	252	407078	48.45	ng	90
Library Search Compounds						
1) UNKNOWN	3.700		133288	12.24	ng	--
2) 123-42-2	4.040		19850700	1823.54	ng	56
3) UNKNOWN	4.750		81821	7.52	ng	--
4) 19047-85-9	13.080		108222	6.59	ng	93

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

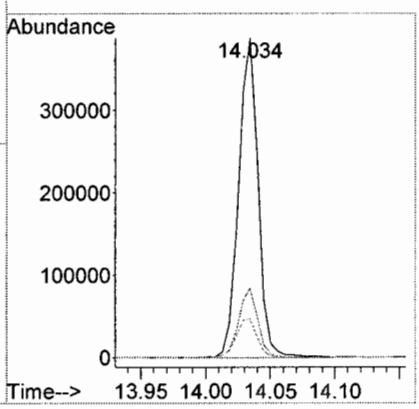

Abundance
TIC: 10M03185.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC42868-003
Data File: 10M03185.D
Acq On : 02/24/09 20:54
Operator : AHD
Sam Mult : 1 Vial# : 26
Misc : S,BNA
Qt Meth : 10M_0219.M
Qt On : 02/25/09 07:00
Qt Upd On: 02/19/09 15:07
8500000
8000000
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
TIC-2-(123-42-2)
TIC-1-(UNKNOWN)
2-Fluorophenol,S
TIC-3-(UNKNOWN)
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
TIC-4-(19047-85-9)
Perylene-d12,I
Benzo[a]pyrene,C
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00



#100
Benzo[a]pyrene
Concen: 48.45 ng
RT: 14.034 min Scan# 2187
Delta R.T. 0.070 min
Lab File: 10M03185.D
Acq: 24 Feb 2009 20:54

Tgt Ion:252 Resp: 407078

Ion	Ratio	Lower	Upper
252	100		
253	21.7	0.0	62.4
125	12.0	0.0	60.9



Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03185.D
Acq On : 24 Feb 2009 20:54
Operator : AHD
Sample : AC42868-003
Misc : S,BNA
ALS Vial : 26 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03185.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.385	7	9	11	rBV3	1975	1419	0.01%	0.005%
2	2.422	11	16	24	rVB9	2671	6006	0.03%	0.020%
3	2.567	42	43	48	rVB4	1351	970	0.00%	0.003%
4	2.626	52	54	62	rVB5	3868	7682	0.04%	0.025%
5	2.685	62	65	67	rBV3	1528	1253	0.01%	0.004%
6	2.775	81	82	86	rVB3	1084	1065	0.01%	0.003%
7	2.824	86	91	92	rVB5	1360	1515	0.01%	0.005%
8	2.893	99	104	107	rVB6	959	1551	0.01%	0.005%
9	2.931	107	111	113	rVB4	1101	1164	0.01%	0.004%
10	2.963	113	117	121	rBV4	1483	2036	0.01%	0.007%
11	3.070	133	137	141	rBV4	843	1158	0.01%	0.004%
12	3.134	146	149	151	rBV2	1975	1851	0.01%	0.006%
13	3.177	151	157	162	rVB5	2968	5326	0.03%	0.017%
14	3.235	167	168	173	rVB	1320	1148	0.01%	0.004%
15	3.316	173	183	192	rBV4	2843	6802	0.03%	0.022%
16	3.391	192	197	200	rBV4	1367	1842	0.01%	0.006%
17	3.433	200	205	215	rVB	16144	21931	0.11%	0.072%
18	3.572	227	231	232	rBV2	1349	1177	0.01%	0.004%
19	3.647	241	245	247	rVB4	2597	2582	0.01%	0.008%
20	3.695	251	254	273	rBV	86692	133288	0.67%	0.436%
21	4.043	301	319	344	rBV	7476957	19850711	100.00%	64.918%
22	4.193	344	347	352	rVB5	1965	1712	0.01%	0.006%
23	4.252	357	358	366	rVB3	1651	3065	0.02%	0.010%
24	4.348	370	376	386	rBV	811036	684426	3.45%	2.238%
25	4.471	393	399	405	rVB	9925	11366	0.06%	0.037%
26	4.551	409	414	417	rBV5	1549	2608	0.01%	0.009%
27	4.578	417	419	423	rVB3	1593	1763	0.01%	0.006%
28	4.626	423	428	429	rBV2	1144	1530	0.01%	0.005%
29	4.653	429	433	439	rVB	18026	15711	0.08%	0.051%
30	4.717	441	445	448	rVB	5733	4507	0.02%	0.015%
31	4.754	448	452	460	rBV	90730	81821	0.41%	0.268%
32	4.819	460	464	469	rVV	7765	7113	0.04%	0.023%
33	4.856	469	471	477	rVB3	3514	3579	0.02%	0.012%
34	4.936	485	486	491	rBV2	1417	1025	0.01%	0.003%
35	5.049	501	507	511	rBV3	1326	2114	0.01%	0.007%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03185.D
Acq On : 24 Feb 2009 20:54
Operator : AHD
Sample : AC42868-003
Misc : S,BNA
ALS Vial : 26 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

36	5.102	511	517	520	rVB4	1645	2449	0.01%	0.008%
37	5.134	520	523	525	rBV2	4542	3835	0.02%	0.013%
38	5.161	525	528	531	rVB2	5978	4940	0.02%	0.016%
39	5.193	531	534	536	rVB2	2965	2710	0.01%	0.009%
40	5.225	536	540	542	rBV4	4651	5027	0.03%	0.016%
41	5.263	542	547	557	rVV	905094	774679	3.90%	2.533%
42	5.332	557	560	564	rVB3	2408	3437	0.02%	0.011%
43	5.418	572	576	585	rVB4	10482	12776	0.06%	0.042%
44	5.509	586	593	598	rVV3	6303	7882	0.04%	0.026%
45	5.562	598	603	610	rVV	536995	435802	2.20%	1.425%
46	5.621	610	614	620	rVV3	3869	5332	0.03%	0.017%
47	5.664	620	622	625	rVV	1979	1583	0.01%	0.005%
48	5.707	625	630	634	rVB3	3956	4605	0.02%	0.015%
49	5.808	643	649	651	rVB4	1650	1621	0.01%	0.005%
50	5.851	655	657	661	rVB	1223	1186	0.01%	0.004%
51	5.904	664	667	671	rVB3	930	1271	0.01%	0.004%
52	6.017	680	688	700	rBV	382648	334164	1.68%	1.093%
53	6.102	700	704	706	rVB3	2944	3418	0.02%	0.011%
54	6.183	716	719	724	rVB	14698	11441	0.06%	0.037%
55	6.273	733	736	738	rBV2	1134	1119	0.01%	0.004%
56	6.300	738	741	745	rVB2	3222	2650	0.01%	0.009%
57	6.477	769	774	777	rBV3	1356	1378	0.01%	0.005%
58	6.514	777	781	783	rVB3	1413	1671	0.01%	0.005%
59	6.541	783	786	789	rBV	29064	19686	0.10%	0.064%
60	6.578	789	793	804	rVV	796057	617793	3.11%	2.020%
61	6.669	808	810	814	rVB2	2777	2636	0.01%	0.009%
62	6.787	826	832	834	rBV4	1327	2121	0.01%	0.007%
63	6.808	834	836	839	rVB3	1315	1212	0.01%	0.004%
64	6.830	839	840	845	rVB3	1242	1635	0.01%	0.005%
65	6.878	845	849	851	rBV3	1084	1185	0.01%	0.004%
66	6.963	859	865	868	rBV2	6758	5284	0.03%	0.017%
67	7.119	891	894	900	rBV4	3294	3711	0.02%	0.012%
68	7.193	905	908	912	rVB2	1062	1221	0.01%	0.004%
69	7.247	915	918	921	rVB2	954	1152	0.01%	0.004%
70	7.290	924	926	930	rVB3	1171	1428	0.01%	0.005%
71	7.327	930	933	936	rBV2	999	1109	0.01%	0.004%
72	7.397	940	946	953	rBV	1071557	764088	3.85%	2.499%
73	7.456	955	957	963	rVB3	8169	7114	0.04%	0.023%
74	7.514	965	968	971	rVV3	2614	2711	0.01%	0.009%
75	7.546	971	974	978	rVB5	2042	1905	0.01%	0.006%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03185.D
Acq On : 24 Feb 2009 20:54
Operator : AHD
Sample : AC42868-003
Misc : S,BNA
ALS Vial : 26 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

76	7.600	980	984	991	rBV4	1775	2222	0.01%	0.007%
77	7.680	991	999	1006	rVB8	1996	4416	0.02%	0.014%
78	7.728	1006	1008	1010	rBV2	1614	1426	0.01%	0.005%
79	7.792	1015	1020	1025	rBV3	1959	2555	0.01%	0.008%
80	7.899	1035	1040	1042	rVB3	2349	2194	0.01%	0.007%
81	7.916	1042	1043	1047	rVB	1739	1050	0.01%	0.003%
82	7.964	1047	1052	1066	rBV	968831	802151	4.04%	2.623%
83	8.044	1066	1067	1072	rVV2	1310	1814	0.01%	0.006%
84	8.087	1072	1075	1080	rVB5	4349	3926	0.02%	0.013%
85	8.188	1091	1094	1096	rBV2	1152	1543	0.01%	0.005%
86	8.226	1096	1101	1108	rVB5	2876	5425	0.03%	0.018%
87	8.322	1113	1119	1126	rBV	20696	17045	0.09%	0.056%
88	8.375	1126	1129	1132	rVB3	1132	1116	0.01%	0.004%
89	8.424	1132	1138	1141	rBV4	3687	3903	0.02%	0.013%
90	8.450	1141	1143	1146	rVB2	4236	2647	0.01%	0.009%
91	8.552	1155	1162	1168	rBV5	1914	3729	0.02%	0.012%
92	8.611	1168	1173	1176	rVB4	1848	1886	0.01%	0.006%
93	8.638	1176	1178	1181	rVB3	1338	1295	0.01%	0.004%
94	8.686	1181	1187	1197	rBV	766299	691317	3.48%	2.261%
95	8.761	1197	1201	1205	rVV5	5421	7379	0.04%	0.024%
96	8.803	1205	1209	1213	rVV5	5418	8775	0.04%	0.029%
97	8.846	1213	1217	1223	rVV	21396	19745	0.10%	0.065%
98	8.894	1223	1226	1228	rVB3	2112	1914	0.01%	0.006%
99	8.932	1228	1233	1240	rBV4	3743	4877	0.02%	0.016%
100	8.980	1240	1242	1244	rBV	3839	2194	0.01%	0.007%
101	9.012	1244	1248	1251	rVB4	4689	4619	0.02%	0.015%
102	9.039	1251	1253	1261	rBV5	4117	4890	0.02%	0.016%
103	9.103	1261	1265	1269	rVB4	2273	3624	0.02%	0.012%
104	9.130	1269	1270	1274	rBV3	1987	2436	0.01%	0.008%
105	9.194	1278	1282	1285	rVB4	2260	3002	0.02%	0.010%
106	9.237	1285	1290	1291	rBV2	1421	1733	0.01%	0.006%
107	9.269	1291	1296	1300	rVV4	6530	8795	0.04%	0.029%
108	9.301	1300	1302	1307	rVB3	3482	4337	0.02%	0.014%
109	9.392	1307	1319	1326	rBV	914110	859614	4.33%	2.811%
110	9.451	1326	1330	1340	rVB	21848	29417	0.15%	0.096%
111	9.525	1340	1344	1348	rBV6	1829	2820	0.01%	0.009%
112	9.584	1350	1355	1361	rVB	33631	29476	0.15%	0.096%
113	9.659	1365	1369	1375	rVB4	3046	4120	0.02%	0.013%
114	9.734	1378	1383	1387	rBV4	4541	4523	0.02%	0.015%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03185.D
Acq On : 24 Feb 2009 20:54
Operator : AHD
Sample : AC42868-003
Misc : S,BNA
ALS Vial : 26 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

115	9.830	1395	1401	1408	rVB3	4425	6179	0.03%	0.020%
116	9.932	1414	1420	1421	rBV3	1910	2023	0.01%	0.007%
117	9.996	1428	1432	1434	rVB4	2775	2610	0.01%	0.009%
118	10.028	1434	1438	1441	rBV	4618	4863	0.02%	0.016%
119	10.157	1455	1462	1464	rBV6	1785	2502	0.01%	0.008%
120	10.194	1464	1469	1476	rBV5	3651	6818	0.03%	0.022%
121	10.306	1485	1490	1492	rBV5	3857	3630	0.02%	0.012%
122	10.333	1493	1495	1498	rVB4	3310	3066	0.02%	0.010%
123	10.371	1498	1502	1503	rBV4	2103	2585	0.01%	0.008%
124	10.413	1508	1510	1512	rBV3	1502	1128	0.01%	0.004%
125	10.483	1517	1523	1524	rVB4	2467	3812	0.02%	0.012%
126	10.499	1524	1526	1529	rBV3	1818	2381	0.01%	0.008%
127	10.547	1531	1535	1540	rBV5	2102	3176	0.02%	0.010%
128	10.590	1540	1543	1550	rVV6	7572	11471	0.06%	0.038%
129	10.643	1550	1553	1559	rVV5	15021	20123	0.10%	0.066%
130	10.681	1559	1560	1567	rVB5	2868	3336	0.02%	0.011%
131	10.724	1567	1568	1572	rBV4	1305	1009	0.01%	0.003%
132	10.766	1572	1576	1578	rBV5	2416	2500	0.01%	0.008%
133	10.820	1578	1586	1590	rVV8	4223	7740	0.04%	0.025%
134	10.847	1590	1591	1598	rVB6	3804	3016	0.02%	0.010%
135	10.948	1604	1610	1611	rBV5	2238	2975	0.01%	0.010%
136	10.970	1611	1614	1617	rVB4	4867	4430	0.02%	0.014%
137	11.023	1621	1624	1625	rVB3	1907	1509	0.01%	0.005%
138	11.055	1625	1630	1638	rBV3	15321	23992	0.12%	0.078%
139	11.184	1644	1654	1668	rBV	1047305	1018842	5.13%	3.332%
140	11.323	1677	1680	1683	rBV3	1837	2119	0.01%	0.007%
141	11.349	1683	1685	1688	rVB4	2163	1299	0.01%	0.004%
142	11.376	1689	1690	1697	rVB7	1872	3190	0.02%	0.010%
143	11.419	1697	1698	1701	rBV3	2079	2132	0.01%	0.007%
144	11.499	1704	1713	1720	rBV8	8798	19509	0.10%	0.064%
145	11.553	1720	1723	1725	rBV3	1780	2030	0.01%	0.007%
146	11.638	1737	1739	1741	rBV2	3103	2192	0.01%	0.007%
147	11.718	1749	1754	1758	rBV3	5655	8440	0.04%	0.028%
148	11.750	1758	1760	1766	rVV6	8007	7075	0.04%	0.023%
149	11.799	1766	1769	1770	rVV2	3356	1933	0.01%	0.006%
150	11.873	1779	1783	1787	rBV6	4600	7737	0.04%	0.025%
151	11.922	1787	1792	1805	rVB5	12073	22350	0.11%	0.073%
152	12.013	1808	1809	1812	rBV2	2784	2285	0.01%	0.007%
153	12.061	1812	1818	1822	rVV6	7205	10868	0.05%	0.036%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03185.D
Acq On : 24 Feb 2009 20:54
Operator : AHD
Sample : AC42868-003
Misc : S,BNA
ALS Vial : 26 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

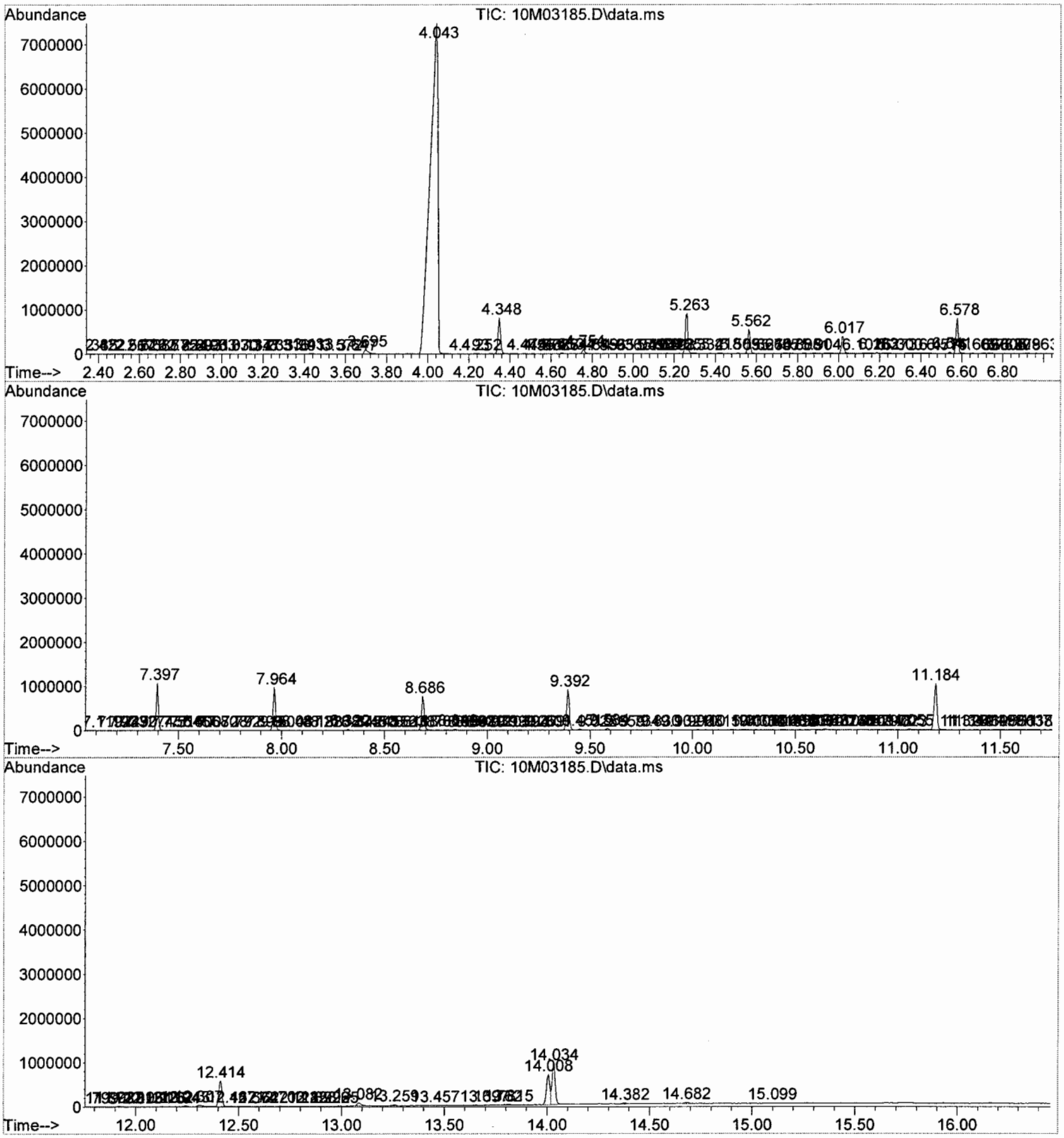
154	12.125	1827	1830	1834	rBV6	3892	5110	0.03%	0.017%
155	12.162	1836	1837	1841	rBV4	2762	2858	0.01%	0.009%
156	12.194	1841	1843	1845	rBV3	2625	1942	0.01%	0.006%
157	12.243	1845	1852	1857	rVB2	19184	27030	0.14%	0.088%
158	12.307	1857	1864	1874	rBV4	31689	63984	0.32%	0.209%
159	12.414	1875	1884	1892	rVV	579411	655691	3.30%	2.144%
160	12.467	1892	1894	1898	rVB4	10362	11718	0.06%	0.038%
161	12.574	1911	1914	1920	rBV7	3846	7237	0.04%	0.024%
162	12.622	1920	1923	1927	rBV6	5249	8637	0.04%	0.028%
163	12.703	1932	1938	1946	rBV10	8894	18496	0.09%	0.060%
164	12.858	1961	1967	1969	rBV6	4513	7452	0.04%	0.024%
165	12.879	1969	1971	1973	rVV3	2975	2299	0.01%	0.008%
166	12.922	1976	1979	1983	rBV6	4034	6295	0.03%	0.021%
167	12.965	1985	1987	1988	rBV2	2317	1961	0.01%	0.006%
168	13.082	2004	2009	2018	rBV	72611	108222	0.55%	0.354%
169	13.259	2037	2042	2047	rBV3	27332	30101	0.15%	0.098%
170	13.457	2074	2079	2082	rBV6	5367	7424	0.04%	0.024%
171	13.697	2123	2124	2128	rVB4	4688	3416	0.02%	0.011%
172	13.762	2134	2136	2139	rBV4	5702	5934	0.03%	0.019%
173	13.815	2139	2146	2150	rBV10	12337	26538	0.13%	0.087%
174	14.008	2176	2182	2184	rBV	682497	799142	4.03%	2.613%
175	14.034	2184	2187	2195	rVB	925922	961596	4.84%	3.145%
176	14.382	2248	2252	2256	rVB3	22134	31382	0.16%	0.103%
177	14.682	2304	2308	2315	rVB3	25346	37741	0.19%	0.123%
178	15.099	2384	2386	2389	rBV4	10719	11121	0.06%	0.036%

Sum of corrected areas: 30577936

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03185.D
Acq On : 24 Feb 2009 20:54
Operator : AHD
Sample : AC42868-003
Misc : S,BNA
ALS Vial : 26 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03185.D
Acq On : 24 Feb 2009 20:54
Operator : AHD
Sample : AC42868-003
Misc : S,BNA
ALS Vial : 26 Sample Multiplier: 1

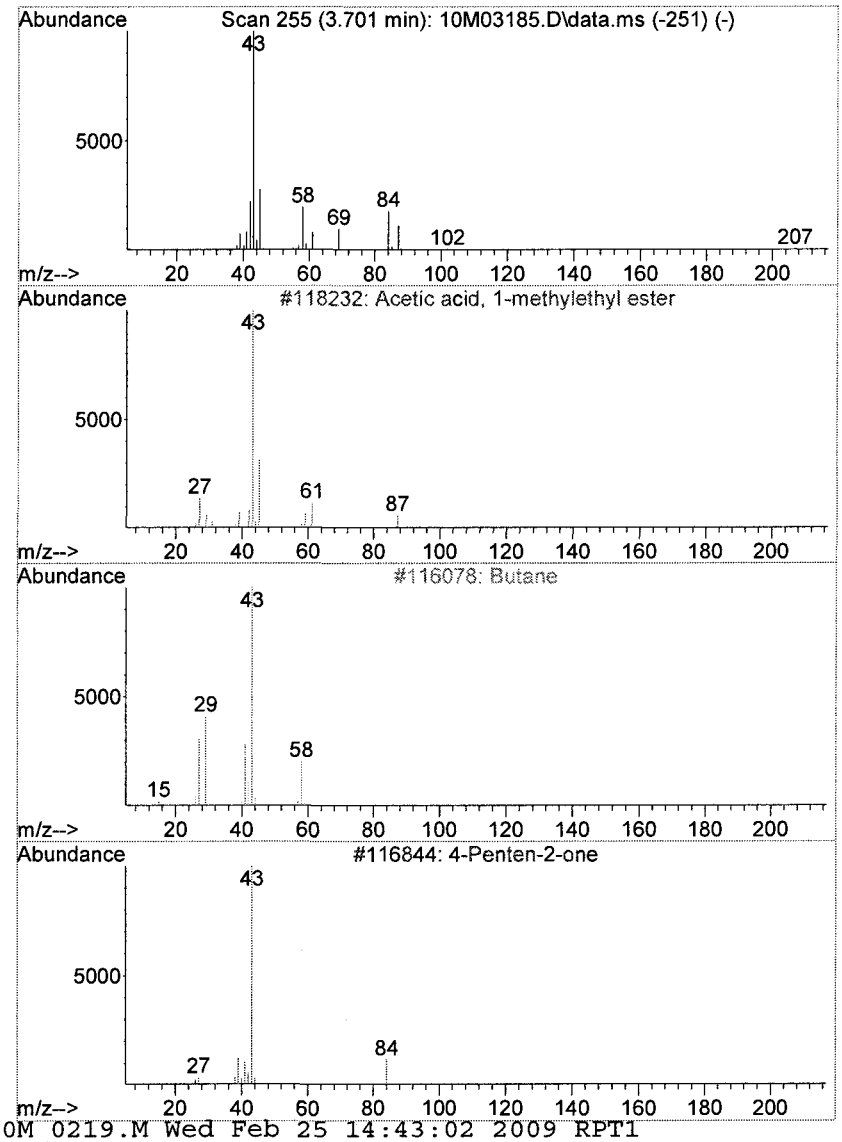
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

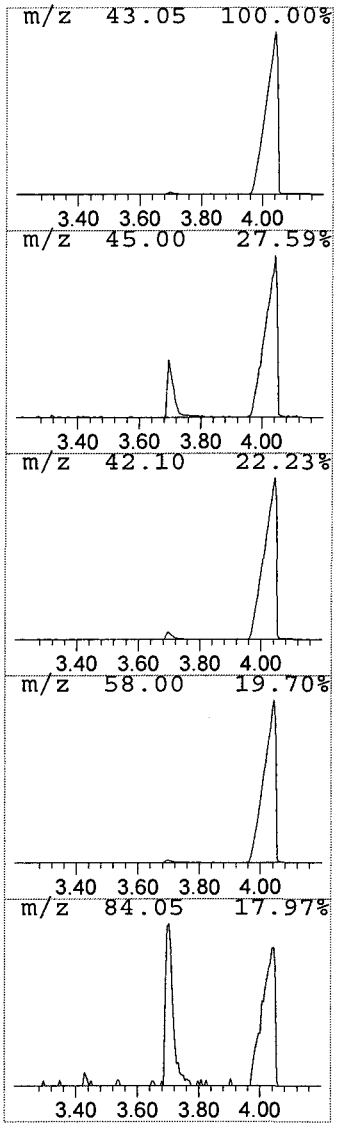
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	12.24 ng	133288	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	23
2	Butane	58	C4H10	000106-97-8	16
3	4-Penten-2-one	84	C5H8O	013891-87-7	10
4	2,7-Octanedione	142	C8H14O2	001626-09-1	9
5	3,3'-IMINO-BIS(PROPYLAMINE)	131	C6H17N3	000000-00-0	9





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03185.D
Acq On : 24 Feb 2009 20:54
Operator : AHD
Sample : AC42868-003
Misc : S,BNA
ALS Vial : 26 Sample Multiplier: 1

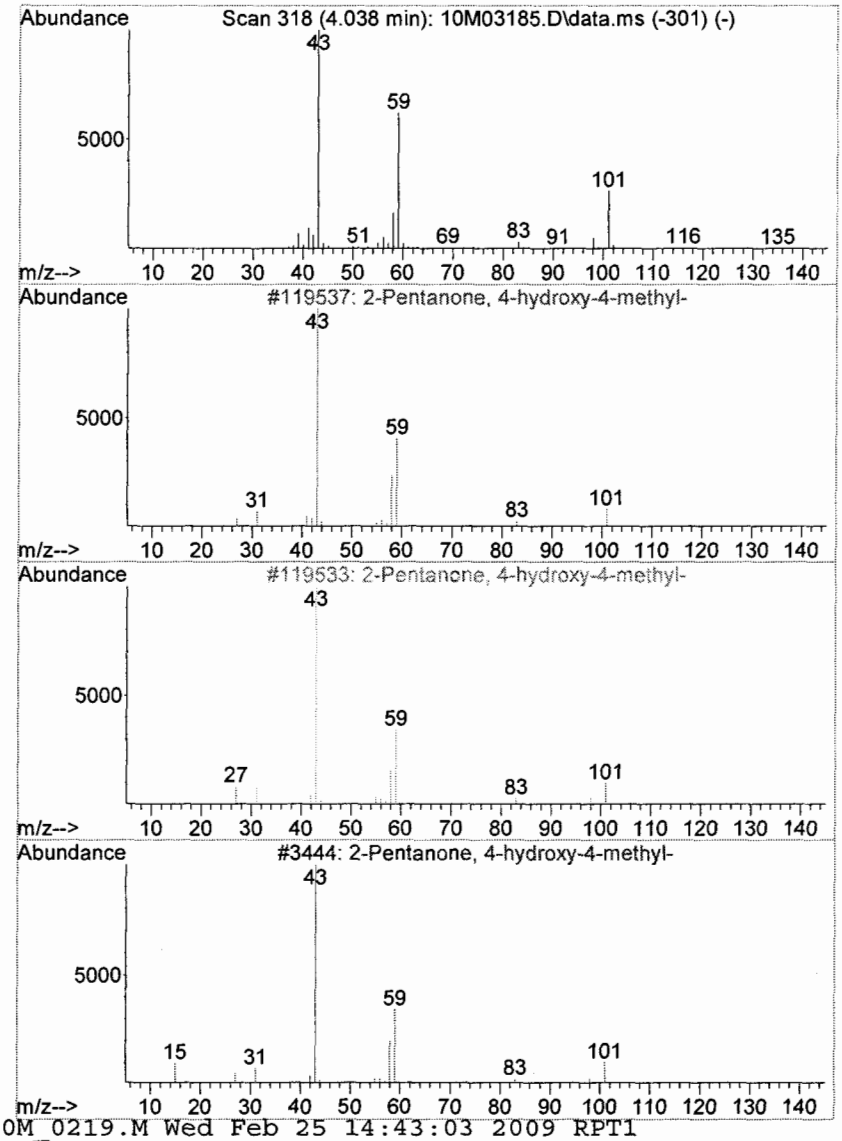
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

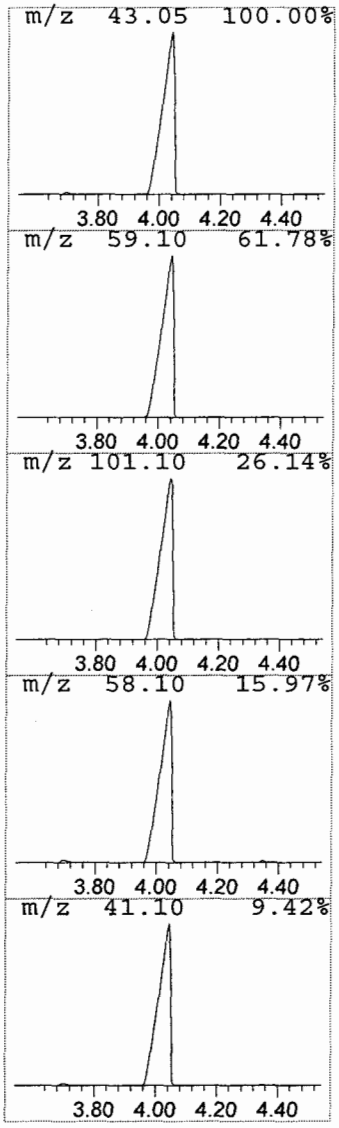
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.04	1823.54 ng	19850700	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40





Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03185.D
Acq On : 24 Feb 2009 20:54
Operator : AHD
Sample : AC42868-003
Misc : S,BNA
ALS Vial : 26 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

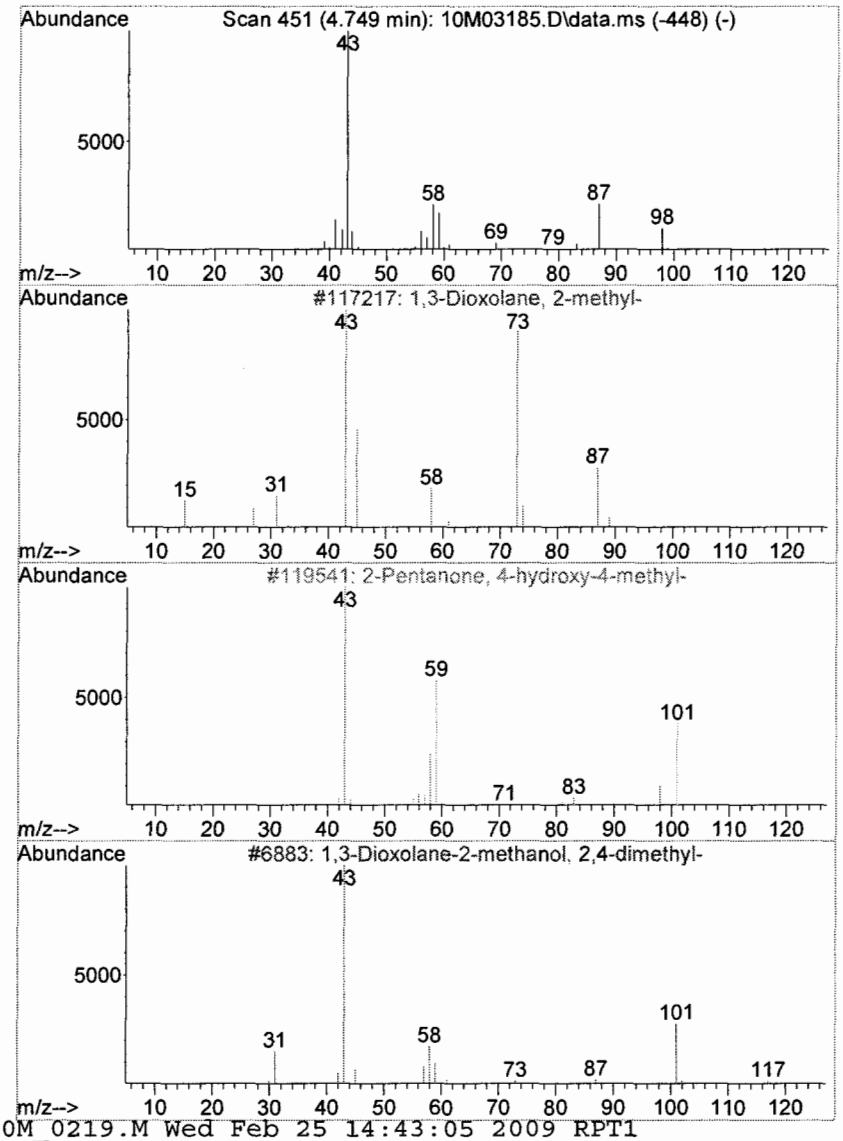
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

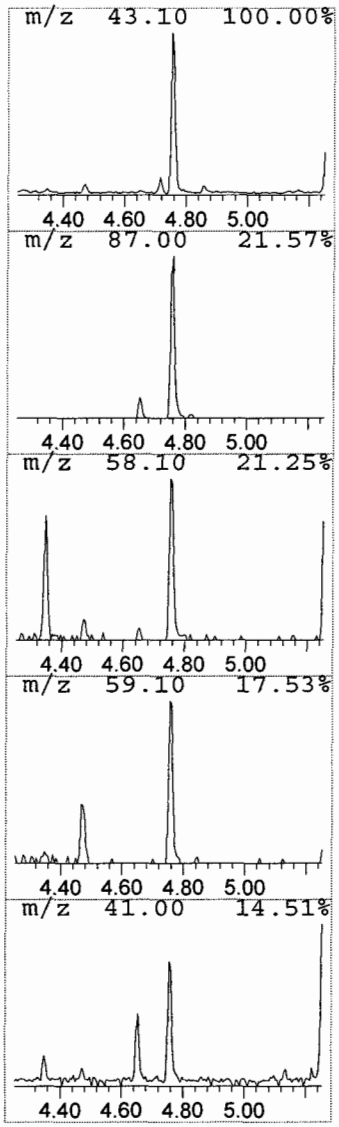
****

Peak Number 3 unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	7.52 ng	81821	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
4	4-Hexen-2-one	98	C6H10O	025659-22-7	16
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	16





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03185.D
Acq On : 24 Feb 2009 20:54
Operator : AHD
Sample : AC42868-003
Misc : S,BNA
ALS Vial : 26 Sample Multiplier: 1

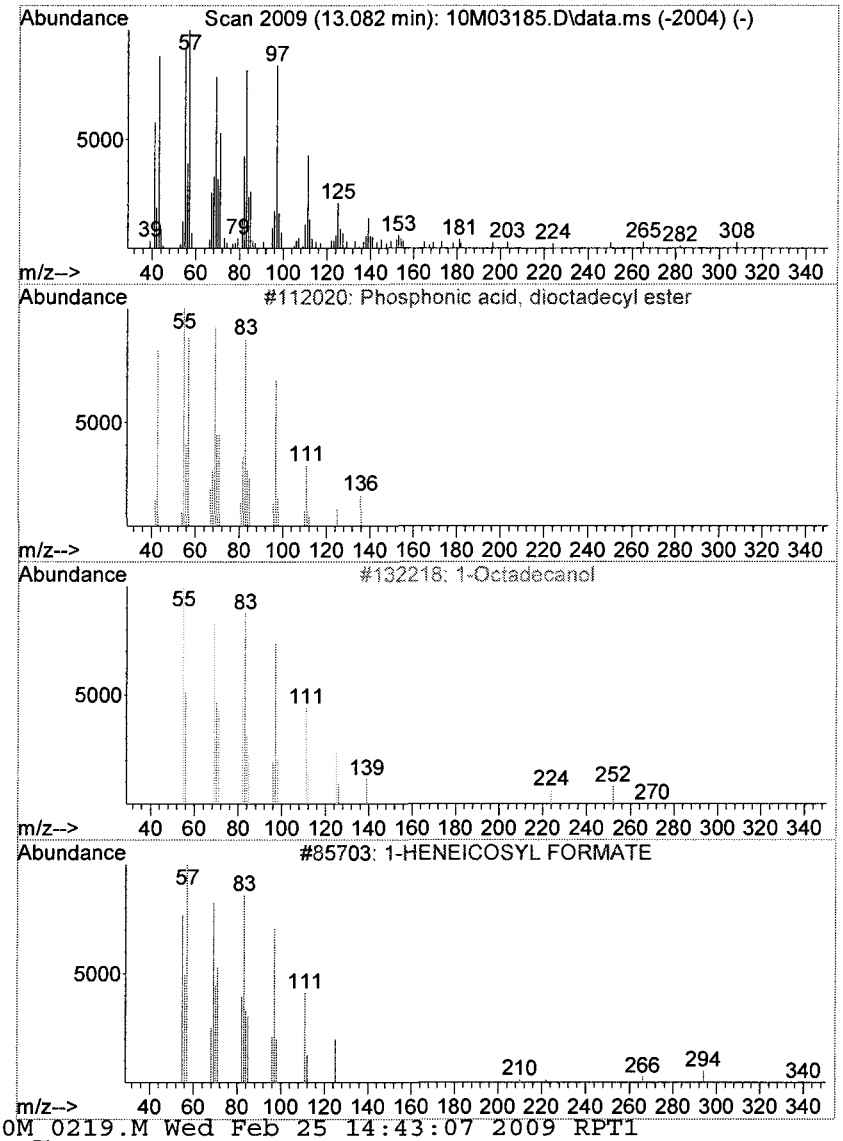
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

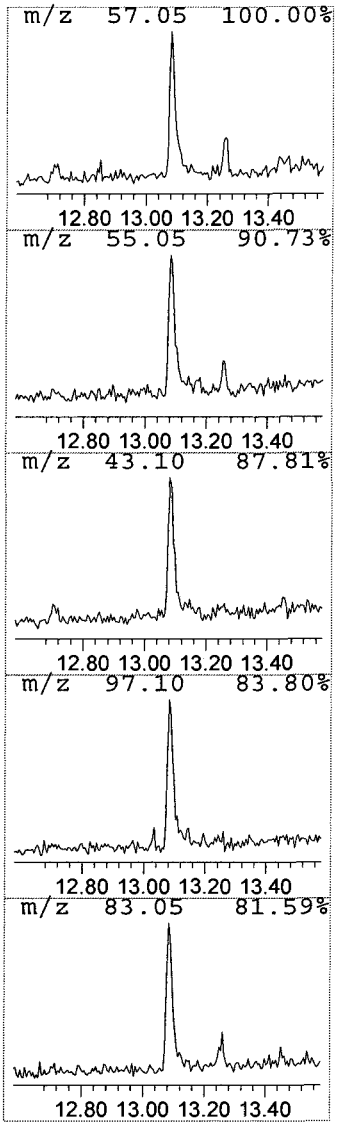
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phosphonic acid, dioctadecy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	6.59 ng	108222	Chrysene-d12	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	93
2	1-Octadecanol	270	C18H38O	000112-92-5	87
3	1-HENEICOSYL FORMATE	340	C22H44O2	077899-03-7	87
4	1-Docosanol	326	C22H46O	000661-19-8	81
5	1-Hexadecanol	242	C16H34O	029354-98-1	74





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03185.D
Acq On : 24 Feb 2009 20:54
Operator : AHD
Sample : AC42868-003
Misc : S,BNA
ALS Vial : 26 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc
unknown	3.70	12.2	ng	133288	1 5.56	5.56	435433	40.0
2-Pentanone, 4-hy...	4.04	1823.5	ng	19850700	1 5.56	5.56	435433	40.0
unknown	4.75	7.5	ng	81821	1 5.56	5.56	435433	40.0
Phosphonic acid, ...	13.08	6.6	ng	108222	5 12.41	12.41	656945	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 10M03186.D
Analysis Date: 02/24/09 21:16
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.084	U	191-24-2	Benzo[g,h,i]perylene	0.084	U
122-66-7	1,2-Diphenylhydrazine	0.084	U	207-08-9	Benzo[k]fluoranthene	0.084	U
95-95-4	2,4,5-Trichlorophenol	0.084	U	65-85-0	Benzoic Acid	0.42	U
88-06-2	2,4,6-Trichlorophenol	0.084	U	111-91-1	bis(2-Chloroethoxy)methan	0.084	U
120-83-2	2,4-Dichlorophenol	0.084	U	111-44-4	bis(2-Chloroethyl)ether	0.084	U
105-67-9	2,4-Dimethylphenol	0.084	U	108-60-1	bis(2-chloroisopropyl)ether	0.084	U
51-28-5	2,4-Dinitrophenol	0.42	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.084	U
121-14-2	2,4-Dinitrotoluene	0.084	U	85-68-7	Butylbenzylphthalate	0.084	U
606-20-2	2,6-Dinitrotoluene	0.084	U	86-74-8	Carbazole	0.084	U
91-58-7	2-Chloronaphthalene	0.084	U	218-01-9	Chrysene	0.084	U
95-57-8	2-Chlorophenol	0.084	U	53-70-3	Dibenzo[a,h]anthracene	0.084	U
91-57-6	2-Methylnaphthalene	0.084	U	132-64-9	Dibenzofuran	0.084	U
95-48-7	2-Methylphenol	0.084	U	84-66-2	Diethylphthalate	0.084	U
88-74-4	2-Nitroaniline	0.084	U	131-11-3	Dimethylphthalate	0.084	U
88-75-5	2-Nitrophenol	0.084	U	84-74-2	Di-n-butylphthalate	0.084	U
106-44-5	3&4-Methylphenol	0.084	U	117-84-0	Di-n-octylphthalate	0.084	U
91-94-1	3,3'-Dichlorobenzidine	0.084	U	206-44-0	Fluoranthene	0.084	U
99-09-2	3-Nitroaniline	0.084	U	86-73-7	Fluorene	0.084	U
534-52-1	4,6-Dinitro-2-methylphenol	0.42	U	118-74-1	Hexachlorobenzene	0.084	U
101-55-3	4-Bromophenyl-phenylether	0.084	U	87-68-3	Hexachlorobutadiene	0.084	U
59-50-7	4-Chloro-3-methylphenol	0.084	U	77-47-4	Hexachlorocyclopentadiene	0.084	U
106-47-8	4-Chloroaniline	0.084	U	67-72-1	Hexachloroethane	0.084	U
7005-72-3	4-Chlorophenyl-phenylether	0.084	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.084	U
100-01-6	4-Nitroaniline	0.084	U	78-59-1	Isophorone	0.084	U
100-02-7	4-Nitrophenol	0.084	U	91-20-3	Naphthalene	0.084	U
83-32-9	Acenaphthene	0.084	U	98-95-3	Nitrobenzene	0.084	U
208-96-8	Acenaphthylene	0.084	U	62-75-9	N-Nitrosodimethylamine	0.084	U
62-53-3	Aniline	0.084	U	621-64-7	N-Nitroso-di-n-propylamine	0.084	U
120-12-7	Anthracene	0.084	U	86-30-6	n-Nitrosodiphenylamine	0.084	U
92-87-5	Benzidine	0.42	U	87-86-5	Pentachlorophenol	0.42	U
56-55-3	Benzo[a]anthracene	0.084	U	85-01-8	Phenanthrene	0.084	U
50-32-8	Benzo[a]pyrene	0.084	U	108-95-2	Phenol	0.084	U
205-99-2	Benzo[b]fluoranthene	0.084	U	129-00-0	Pyrene	0.084	U

Worksheet #: 109913

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 10M03186.D
Analysis Date: 02/24/09 21:16
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.70	0.50 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.04	72 JAB
3		unknown	4.75	0.30 JB
4		unknown	10.64	0.18 J
5	69770-23-6	Benzaldehyde, 3-[4-(1,1-dimethylethyl)p	12.05	0.17 J
6	205-82-3	Benzo[j]fluoranthene	13.61	0.17 J
7	593-45-3	Octadecane	13.79	0.30 J
8	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	15.65	0.18 J
9		unknown	16.21	0.17 J

Worksheet #: 109913

Total Tentatively Identified Concentration 74

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

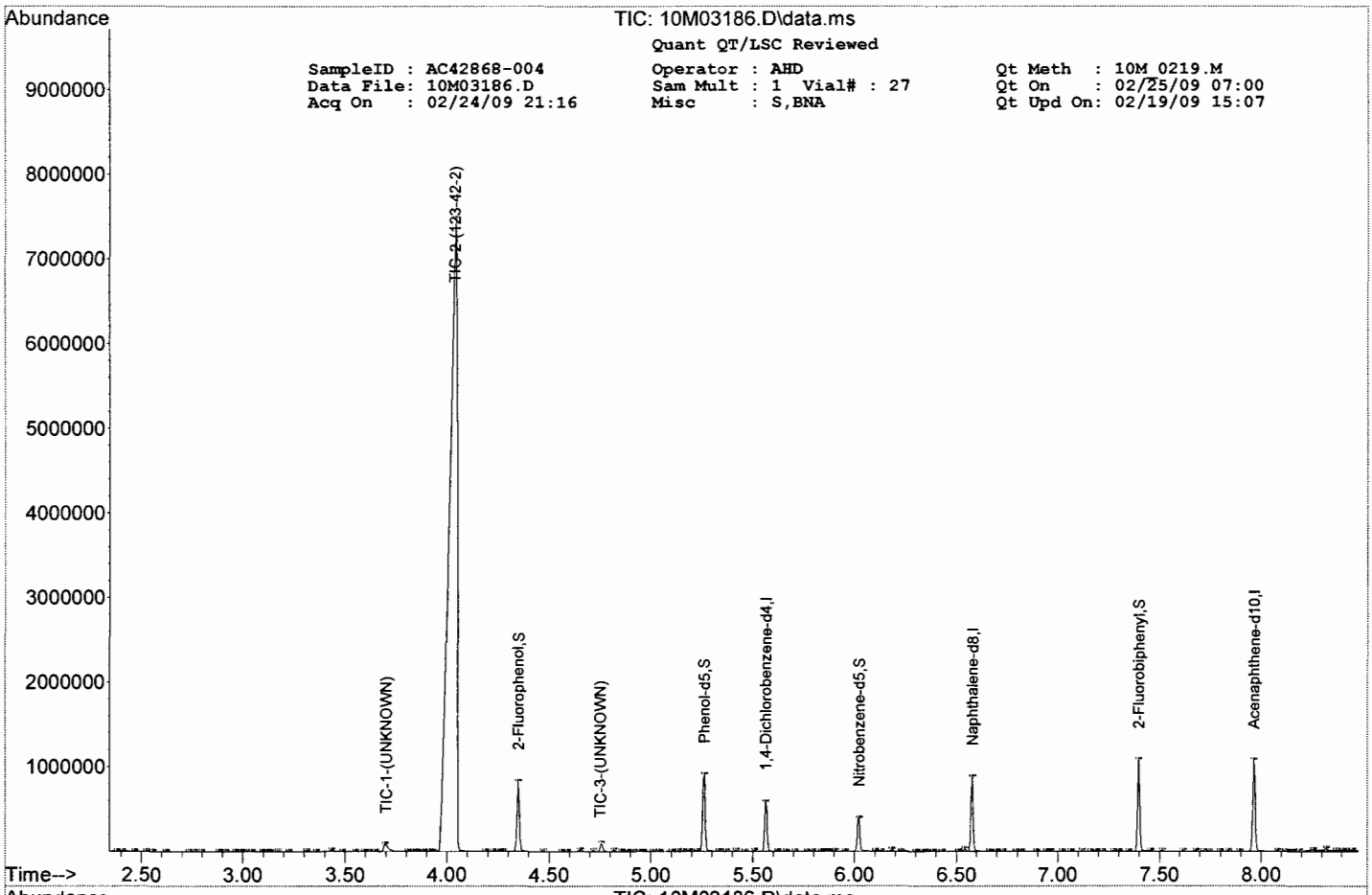
Quantitation Report (QT/LSC Reviewed)

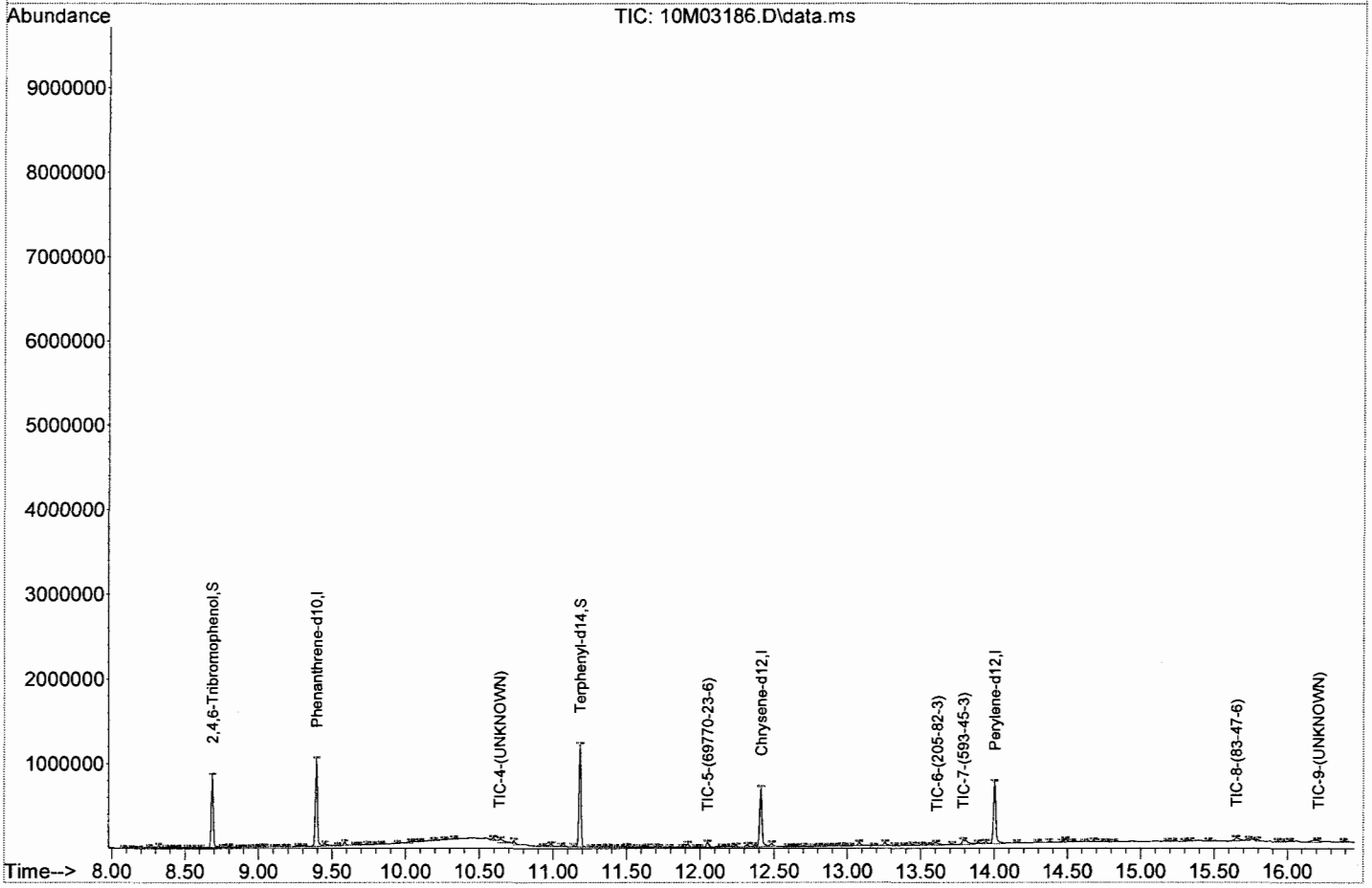
SampleID : AC42868-004 Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03186.D Sam Mult : 1 Vial# : 27 Qt On : 02/25/09 07:00
Acq On : 02/24/09 21:16 Misc : S,BNA Qt Upd On: 02/19/09 15:07

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.562	152	81792	40.00	ng	-0.02
23) Naphthalene-d8	6.578	136	318992	40.00	ng	-0.02
41) Acenaphthene-d10	7.964	164	206583	40.00	ng	-0.02
67) Phenanthrene-d10	9.392	188	357132	40.00	ng	-0.02
81) Chrysene-d12	12.414	240	291792	40.00	ng	-0.02
96) Perylene-d12	14.002	264	292702	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.348	112	198150	87.67	ng	-0.02
Spiked Amount 100.000			Recovery = 87.67%			
9) Phenol-d5	5.263	99	271359	83.96	ng	-0.01
Spiked Amount 100.000			Recovery = 83.96%			
24) Nitrobenzene-d5	6.022	128	53113	40.56	ng	-0.02
Spiked Amount 50.000			Recovery = 81.12%			
46) 2-Fluorobiphenyl	7.397	172	281192	39.78	ng	-0.02
Spiked Amount 50.000			Recovery = 79.56%			
70) 2,4,6-Tribromophenol	8.686	330	116016	84.78	ng	-0.02
Spiked Amount 100.000			Recovery = 84.78%			
84) Terphenyl-d14	11.184	244	430132	53.05	ng	-0.02
Spiked Amount 50.000			Recovery = 106.10%			
Target Compounds						Qvalue
Library Search Compounds						
1) UNKNOWN	3.700		137225	11.76	ng	--
2) 123-42-2	4.040		19867100	1702.46	ng	56
3) UNKNOWN	4.750		81652	7.00	ng	--
4) UNKNOWN	10.640		102523	4.22	ng	--
5) 69770-23-6	12.050		78024	4.12	ng	72
6) 205-82-3	13.610		87172	4.10	ng	89
7) 593-45-3	13.790		150231	7.06	ng	94
8) 83-47-6	15.650		92747	4.36	ng	92
9) UNKNOWN	16.210		86673	4.08	ng	--

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


Abundance
TIC: 10M03186.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC42868-004
Data File: 10M03186.D
Acq On : 02/24/09 21:16
Operator : AHD
Sam Mult : 1 Vial# : 27
Misc : S,BNA
Qt Meth : 10M_0219.M
Qt On : 02/25/09 07:00
Qt Upd On: 02/19/09 15:07
TIC-1-(UNKNOWN)
TIC-2-(123-42-2)
2-Fluorophenol,S
TIC-3-(UNKNOWN)
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
Time-->


Abundance
TIC: 10M03186.D\data.ms
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
TIC-4-(UNKNOWN)
Terphenyl-d14,S
TIC-5-(69770-23-6)
Chrysene-d12,I
TIC-6-(205-82-3)
TIC-7-(593-45-3)
Perylene-d12,I
TIC-8-(83-47-6)
TIC-9-(UNKNOWN)
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03186.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.380	6	8	9	rBV2	1526	802	0.00%	0.002%
2	2.406	9	13	21	rVB10	2514	5148	0.03%	0.016%
3	2.465	21	24	29	rVB4	2246	3319	0.02%	0.010%
4	2.524	32	35	37	rVB2	1265	988	0.00%	0.003%
5	2.556	39	41	47	rVB4	2338	3436	0.02%	0.011%
6	2.620	47	53	62	rBV2	5270	12000	0.06%	0.037%
7	2.733	73	74	78	rVB3	1379	1086	0.01%	0.003%
8	2.759	78	79	83	rVB4	959	1020	0.01%	0.003%
9	2.797	83	86	90	rBV5	1263	1582	0.01%	0.005%
10	2.882	101	102	107	rVB3	1196	1453	0.01%	0.005%
11	2.915	107	108	112	rVB3	771	829	0.00%	0.003%
12	2.963	115	117	120	rBV2	1449	1430	0.01%	0.004%
13	2.989	120	122	124	rVV2	1333	1296	0.01%	0.004%
14	3.011	124	126	131	rVB4	1919	2206	0.01%	0.007%
15	3.043	131	132	135	rBV2	1119	958	0.00%	0.003%
16	3.096	138	142	144	rVB4	1385	1052	0.01%	0.003%
17	3.118	144	146	148	rVB2	936	598	0.00%	0.002%
18	3.134	148	149	152	rBV2	1194	899	0.00%	0.003%
19	3.171	152	156	165	rVB7	5083	8153	0.04%	0.025%
20	3.225	165	166	172	rVB4	1118	1129	0.01%	0.004%
21	3.310	172	182	190	rBV5	5730	12505	0.06%	0.039%
22	3.359	190	191	197	rVB4	1372	1501	0.01%	0.005%
23	3.433	197	205	213	rVB2	15296	22499	0.11%	0.070%
24	3.487	213	215	223	rBV4	1496	2747	0.01%	0.009%
25	3.551	223	227	231	rVB4	1209	1396	0.01%	0.004%
26	3.594	231	235	236	rBV3	870	742	0.00%	0.002%
27	3.615	236	239	240	rVB3	1124	1022	0.01%	0.003%
28	3.647	240	245	248	rBV2	1724	3011	0.02%	0.009%
29	3.695	251	254	271	rBV	86395	137225	0.69%	0.427%
30	3.808	271	275	278	rVB2	2030	1297	0.01%	0.004%
31	3.835	278	280	283	rVB2	1209	1056	0.01%	0.003%
32	3.856	283	284	286	rVB2	1204	583	0.00%	0.002%
33	3.883	286	289	290	rBV	1102	928	0.00%	0.003%
34	3.915	290	295	297	rBV4	1285	1337	0.01%	0.004%
35	3.931	297	298	300	rVB	1109	502	0.00%	0.002%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

36	4.043	300	319	339	rBV	7470833	19867062	100.00%	61.831%
37	4.188	339	346	351	rBV4	1434	3371	0.02%	0.010%
38	4.225	351	353	356	rVB3	1738	1368	0.01%	0.004%
39	4.252	356	358	359	rBV2	884	639	0.00%	0.002%
40	4.273	359	362	367	rVB3	1339	1984	0.01%	0.006%
41	4.348	367	376	386	rBV	820660	682435	3.44%	2.124%
42	4.471	393	399	405	rVB	9530	9452	0.05%	0.029%
43	4.562	408	416	420	rVB5	1382	2976	0.01%	0.009%
44	4.589	420	421	424	rVB	1016	597	0.00%	0.002%
45	4.653	424	433	438	rBV	21089	20314	0.10%	0.063%
46	4.717	442	445	448	rBV	11761	8114	0.04%	0.025%
47	4.755	448	452	461	rVV	93619	81652	0.41%	0.254%
48	4.819	461	464	468	rVB	14949	11566	0.06%	0.036%
49	4.856	468	471	476	rVB	6740	7087	0.04%	0.022%
50	4.888	476	477	481	rVB3	852	800	0.00%	0.002%
51	4.915	481	482	485	rBV2	966	799	0.00%	0.002%
52	4.947	485	488	490	rVB2	1225	993	0.00%	0.003%
53	4.963	490	491	497	rVB3	1001	1548	0.01%	0.005%
54	5.011	497	500	505	rBV	1415	1390	0.01%	0.004%
55	5.043	505	506	511	rVB2	890	599	0.00%	0.002%
56	5.102	511	517	519	rBV4	2206	2675	0.01%	0.008%
57	5.134	519	523	526	rBV2	3337	3762	0.02%	0.012%
58	5.161	526	528	531	rVV2	7514	6064	0.03%	0.019%
59	5.188	531	533	536	rVB2	5527	4742	0.02%	0.015%
60	5.225	536	540	542	rBV2	6458	6989	0.04%	0.022%
61	5.263	542	547	557	rVV	903605	780687	3.93%	2.430%
62	5.332	557	560	564	rVV4	3525	4262	0.02%	0.013%
63	5.370	564	567	570	rVB4	1462	1798	0.01%	0.006%
64	5.418	570	576	582	rVB4	11222	14192	0.07%	0.044%
65	5.461	582	584	586	rBV2	1051	891	0.00%	0.003%
66	5.509	586	593	598	rVB3	6650	9401	0.05%	0.029%
67	5.562	598	603	610	rBV	576657	466784	2.35%	1.453%
68	5.621	610	614	618	rVB4	4669	6758	0.03%	0.021%
69	5.664	618	622	623	rBV3	1981	1781	0.01%	0.006%
70	5.707	627	630	635	rVB4	3212	3867	0.02%	0.012%
71	5.765	636	641	644	rVB3	1415	2156	0.01%	0.007%
72	5.792	644	646	650	rBV3	1609	1745	0.01%	0.005%
73	5.835	650	654	656	rBV3	1020	1182	0.01%	0.004%
74	5.856	656	658	659	rVB	1021	612	0.00%	0.002%
75	5.878	659	662	664	rBV3	1664	1840	0.01%	0.006%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

76	5.904	664	667	674	rVB4	3696	3788	0.02%	0.012%
77	5.953	674	676	680	rVB2	785	860	0.00%	0.003%
78	6.022	680	689	699	rBV	386323	338615	1.70%	1.054%
79	6.102	699	704	707	rVV4	4182	6154	0.03%	0.019%
80	6.129	707	709	713	rVB4	1761	1011	0.01%	0.003%
81	6.183	716	719	723	rBV	19545	14445	0.07%	0.045%
82	6.231	723	728	730	rVB3	969	729	0.00%	0.002%
83	6.300	736	741	744	rVB2	2892	2377	0.01%	0.007%
84	6.332	744	747	749	rVV2	895	697	0.00%	0.002%
85	6.354	749	751	754	rVV2	955	1110	0.01%	0.003%
86	6.386	754	757	762	rVB3	1649	1873	0.01%	0.006%
87	6.429	762	765	770	rVB3	1323	1859	0.01%	0.006%
88	6.509	772	780	782	rBV4	2603	2891	0.01%	0.009%
89	6.541	782	786	789	rVV	31313	22136	0.11%	0.069%
90	6.578	789	793	805	rVB	875369	669013	3.37%	2.082%
91	6.664	806	809	813	rVV5	2650	3381	0.02%	0.011%
92	6.696	813	815	818	rVV3	1670	2169	0.01%	0.007%
93	6.728	818	821	830	rVV4	2004	3382	0.02%	0.011%
94	6.792	830	833	837	rVV4	1178	1674	0.01%	0.005%
95	6.819	837	838	844	rVB3	854	1299	0.01%	0.004%
96	6.894	844	852	854	rBV3	1117	2372	0.01%	0.007%
97	6.942	856	861	862	rBV3	1243	1477	0.01%	0.005%
98	6.963	862	865	869	rVV3	5238	4007	0.02%	0.012%
99	7.022	872	876	879	rVB4	1141	1041	0.01%	0.003%
100	7.065	879	884	890	rVB5	1227	1170	0.01%	0.004%
101	7.119	890	894	900	rBV3	3728	3351	0.02%	0.010%
102	7.161	900	902	906	rVV3	847	929	0.00%	0.003%
103	7.188	906	907	912	rVB	992	834	0.00%	0.003%
104	7.220	912	913	916	rBV2	528	525	0.00%	0.002%
105	7.274	918	923	925	rBV3	1329	1247	0.01%	0.004%
106	7.300	925	928	933	rBV5	2308	3293	0.02%	0.010%
107	7.349	933	937	941	rVV4	1560	2740	0.01%	0.009%
108	7.397	941	946	954	rVV	1072955	788581	3.97%	2.454%
109	7.456	954	957	962	rVV	9418	10181	0.05%	0.032%
110	7.514	962	968	979	rVB5	7103	11274	0.06%	0.035%
111	7.616	979	987	992	rBV5	7092	8506	0.04%	0.026%
112	7.680	992	999	1004	rVB8	4148	5950	0.03%	0.019%
113	7.718	1004	1006	1008	rBV2	1322	1468	0.01%	0.005%
114	7.744	1008	1011	1016	rVB4	1738	1671	0.01%	0.005%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

115	7.798	1016	1021	1024	rBV4	2320	2704	0.01%	0.008%
116	7.841	1024	1029	1035	rVB6	3355	5048	0.03%	0.016%
117	7.894	1035	1039	1043	rBV5	2954	4271	0.02%	0.013%
118	7.964	1043	1052	1066	rBV	1069761	880736	4.43%	2.741%
119	8.081	1070	1074	1079	rVB4	5060	4600	0.02%	0.014%
120	8.119	1079	1081	1084	rVB3	535	600	0.00%	0.002%
121	8.140	1084	1085	1087	rVB	1375	783	0.00%	0.002%
122	8.156	1087	1088	1090	rBV2	1361	770	0.00%	0.002%
123	8.188	1090	1094	1096	rBV4	2642	3076	0.02%	0.010%
124	8.258	1096	1107	1111	rBV6	17126	52153	0.26%	0.162%
125	8.322	1111	1119	1127	rVV3	28855	58775	0.30%	0.183%
126	8.370	1127	1128	1132	rVV4	5047	6171	0.03%	0.019%
127	8.402	1132	1134	1136	rVV3	3059	3684	0.02%	0.011%
128	8.424	1136	1138	1141	rVV4	3957	5417	0.03%	0.017%
129	8.450	1141	1143	1149	rVB5	6775	8177	0.04%	0.025%
130	8.515	1151	1155	1159	rBV5	2494	2928	0.01%	0.009%
131	8.557	1159	1163	1168	rVV8	2140	4038	0.02%	0.013%
132	8.611	1170	1173	1175	rBV4	2650	2332	0.01%	0.007%
133	8.686	1177	1187	1198	rBV	852756	805811	4.06%	2.508%
134	8.755	1198	1200	1204	rVV3	7137	7032	0.04%	0.022%
135	8.803	1204	1209	1219	rVB8	12001	22852	0.12%	0.071%
136	8.868	1219	1221	1222	rBV2	1451	1053	0.01%	0.003%
137	8.889	1222	1225	1231	rBV7	2817	4549	0.02%	0.014%
138	8.937	1231	1234	1239	rVB6	2355	3756	0.02%	0.012%
139	8.985	1239	1243	1244	rBV4	5573	5448	0.03%	0.017%
140	9.012	1245	1248	1251	rVV5	8240	7172	0.04%	0.022%
141	9.044	1251	1254	1262	rVB8	7292	10743	0.05%	0.033%
142	9.103	1262	1265	1267	rBV5	2814	2911	0.01%	0.009%
143	9.124	1268	1269	1271	rBV2	1333	855	0.00%	0.003%
144	9.162	1272	1276	1279	rVV6	5051	5843	0.03%	0.018%
145	9.194	1279	1282	1286	rVB6	5898	6996	0.04%	0.022%
146	9.269	1287	1296	1300	rBV8	10539	24126	0.12%	0.075%
147	9.306	1300	1303	1306	rVB5	4889	4534	0.02%	0.014%
148	9.392	1311	1319	1326	rBV	1032385	971954	4.89%	3.025%
149	9.451	1326	1330	1337	rVB2	29878	46164	0.23%	0.144%
150	9.536	1343	1346	1351	rBV6	9320	12447	0.06%	0.039%
151	9.584	1351	1355	1360	rVV	40034	39848	0.20%	0.124%
152	9.654	1361	1368	1370	rBV8	8132	12503	0.06%	0.039%
153	9.681	1371	1373	1376	rVB3	5827	7381	0.04%	0.023%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

154	9.734	1377	1383	1391	rVV9	12767	24508	0.12%	0.076%
155	9.782	1391	1392	1395	rBV3	4254	4281	0.02%	0.013%
156	9.836	1397	1402	1406	rBV7	10035	16020	0.08%	0.050%
157	9.943	1414	1422	1423	rBV7	8668	16135	0.08%	0.050%
158	10.039	1424	1440	1442	rBV5	19949	55399	0.28%	0.172%
159	10.098	1446	1451	1453	rBV5	8597	12926	0.07%	0.040%
160	10.194	1465	1469	1475	rBV9	11289	23841	0.12%	0.074%
161	10.264	1477	1482	1485	rBV7	11045	20583	0.10%	0.064%
162	10.328	1491	1494	1499	rBV6	10479	16264	0.08%	0.051%
163	10.595	1540	1544	1549	rVB5	30299	42778	0.22%	0.133%
164	10.643	1550	1553	1567	rVB6	44997	102523	0.52%	0.319%
165	10.734	1568	1570	1579	rVB2	48622	52346	0.26%	0.163%
166	10.932	1605	1607	1610	rBV4	2837	2696	0.01%	0.008%
167	10.991	1610	1618	1624	rVB2	30435	48597	0.24%	0.151%
168	11.055	1626	1630	1633	rBV	14402	16504	0.08%	0.051%
169	11.141	1640	1646	1649	rBV6	13432	15549	0.08%	0.048%
170	11.184	1649	1654	1663	rVB	1208629	1131150	5.69%	3.520%
171	11.258	1665	1668	1673	rVB7	5749	8706	0.04%	0.027%
172	11.296	1673	1675	1679	rVV5	3217	3203	0.02%	0.010%
173	11.339	1679	1683	1686	rVV5	7292	9769	0.05%	0.030%
174	11.381	1686	1691	1696	rVV3	7922	12052	0.06%	0.038%
175	11.419	1696	1698	1700	rVB3	2394	1557	0.01%	0.005%
176	11.462	1701	1706	1710	rBV5	6067	10220	0.05%	0.032%
177	11.504	1710	1714	1720	rVB7	16000	24886	0.13%	0.077%
178	11.547	1720	1722	1724	rBV3	4675	3068	0.02%	0.010%
179	11.606	1729	1733	1736	rBV5	4445	7416	0.04%	0.023%
180	11.644	1736	1740	1745	rVB8	12155	15530	0.08%	0.048%
181	11.697	1746	1750	1753	rVV4	11121	10016	0.05%	0.031%
182	11.724	1753	1755	1761	rVB7	3970	6433	0.03%	0.020%
183	11.793	1765	1768	1774	rVB7	6843	10428	0.05%	0.032%
184	11.879	1774	1784	1786	rBV10	5400	12468	0.06%	0.039%
185	11.916	1786	1791	1797	rVB2	40137	49683	0.25%	0.155%
186	11.975	1801	1802	1804	rVB2	3232	1772	0.01%	0.006%
187	11.997	1804	1806	1809	rVB4	4094	4136	0.02%	0.013%
188	12.050	1809	1816	1823	rBV	57502	78024	0.39%	0.243%
189	12.146	1823	1834	1837	rBV	10060	23135	0.12%	0.072%
190	12.173	1837	1839	1841	rBV3	3512	3046	0.02%	0.009%
191	12.216	1845	1847	1850	rBV4	10008	11106	0.06%	0.035%
192	12.248	1850	1853	1856	rVB2	20502	19679	0.10%	0.061%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

193	12.323	1857	1867	1871	rBV6	25805	40123	0.20%	0.125%
194	12.371	1873	1876	1879	rBV2	22935	25869	0.13%	0.081%
195	12.414	1879	1884	1892	rVV	695077	756712	3.81%	2.355%
196	12.489	1892	1898	1903	rVB2	35793	50382	0.25%	0.157%
197	12.596	1910	1918	1921	rBV10	5230	11413	0.06%	0.036%
198	12.622	1921	1923	1926	rVV4	5949	7778	0.04%	0.024%
199	12.654	1926	1929	1933	rVV6	8092	10800	0.05%	0.034%
200	12.703	1933	1938	1945	rVB10	9484	17156	0.09%	0.053%
201	12.767	1948	1950	1952	rBV2	1726	1592	0.01%	0.005%
202	12.810	1952	1958	1962	rVV9	11561	11925	0.06%	0.037%
203	12.847	1962	1965	1968	rBV5	6632	8881	0.04%	0.028%
204	12.884	1968	1972	1975	rVB6	10392	12864	0.06%	0.040%
205	12.922	1975	1979	1984	rBV8	4676	7072	0.04%	0.022%
206	12.970	1984	1988	1996	rBV9	11289	23276	0.12%	0.072%
207	13.024	1996	1998	2001	rBV4	4957	5771	0.03%	0.018%
208	13.082	2001	2009	2014	rBV4	39989	57877	0.29%	0.180%
209	13.184	2026	2028	2032	rVB5	4327	3693	0.02%	0.011%
210	13.259	2034	2042	2050	rBV2	38377	59550	0.30%	0.185%
211	13.323	2050	2054	2055	rBV4	6397	6077	0.03%	0.019%
212	13.387	2061	2066	2068	rBV6	4676	5574	0.03%	0.017%
213	13.446	2072	2077	2084	rBV10	15606	22195	0.11%	0.069%
214	13.505	2084	2088	2092	rBV7	7703	10453	0.05%	0.033%
215	13.553	2095	2097	2100	rVB4	4435	3740	0.02%	0.012%
216	13.607	2100	2107	2119	rBV2	28814	87172	0.44%	0.271%
217	13.713	2119	2127	2130	rVV10	11566	18662	0.09%	0.058%
218	13.788	2137	2141	2156	rBV3	54278	150231	0.76%	0.468%
219	13.890	2156	2160	2165	rVV2	16807	25490	0.13%	0.079%
220	13.943	2165	2170	2176	rVB	25512	35117	0.18%	0.109%
221	14.002	2176	2181	2194	rBV	728961	850615	4.28%	2.647%
222	14.157	2203	2210	2213	rBV9	16626	32599	0.16%	0.101%
223	14.296	2232	2236	2246	rBV9	12624	24199	0.12%	0.075%
224	14.377	2247	2251	2256	rVV8	14028	20285	0.10%	0.063%
225	14.462	2262	2267	2269	rBV6	12780	17682	0.09%	0.055%
226	14.489	2269	2272	2277	rVB3	36032	47903	0.24%	0.149%
227	14.532	2277	2280	2282	rBV4	9018	9270	0.05%	0.029%
228	14.617	2294	2296	2298	rBV3	5390	3425	0.02%	0.011%
229	14.682	2305	2308	2315	rVV7	16606	20004	0.10%	0.062%
230	14.730	2315	2317	2321	rVB5	7686	8582	0.04%	0.027%
231	14.762	2322	2323	2330	rVB7	8930	12340	0.06%	0.038%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

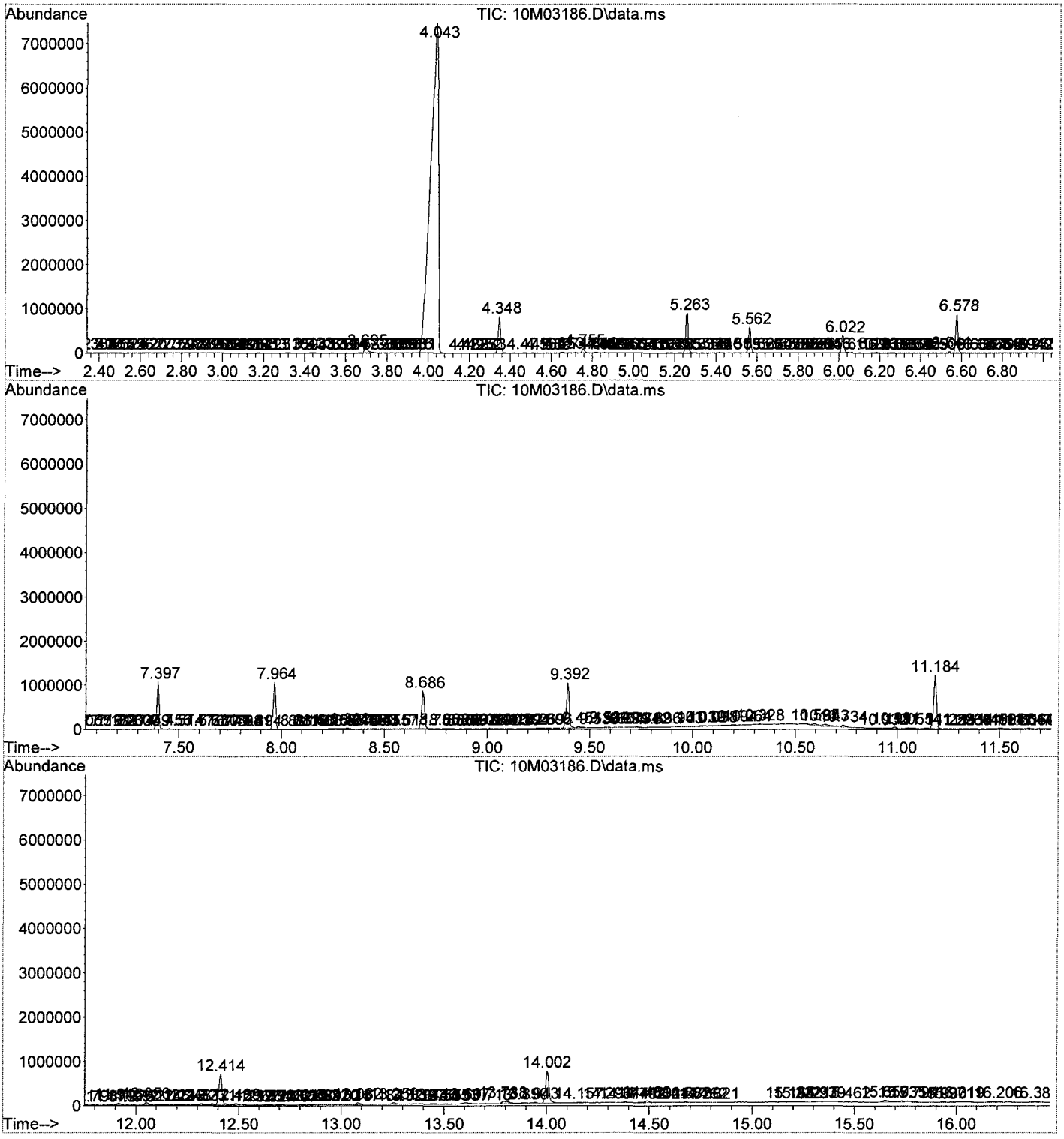
232	14.821	2331	2334	2335	rBV3	6105	3855	0.02%	0.012%
233	15.184	2397	2402	2406	rVB5	12412	22924	0.12%	0.071%
234	15.222	2406	2409	2410	rBV3	10055	9028	0.05%	0.028%
235	15.297	2419	2423	2425	rBV5	7609	10060	0.05%	0.031%
236	15.339	2425	2431	2434	rBV8	14955	28272	0.14%	0.088%
237	15.462	2450	2454	2458	rBV7	10564	17537	0.09%	0.055%
238	15.650	2483	2489	2499	rBV7	36272	92747	0.47%	0.289%
239	15.735	2499	2505	2507	rBV7	19754	35011	0.18%	0.109%
240	15.794	2514	2516	2523	rVB8	22765	28128	0.14%	0.088%
241	15.933	2537	2542	2546	rBV8	13150	22819	0.11%	0.071%
242	15.971	2547	2549	2554	rBV6	8794	12877	0.06%	0.040%
243	16.019	2554	2558	2563	rBV8	15041	28634	0.14%	0.089%
244	16.206	2580	2593	2598	rBV8	24453	86673	0.44%	0.270%
245	16.388	2621	2627	2636	rVB8	15709	35056	0.18%	0.109%

Sum of corrected areas: 32131393

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

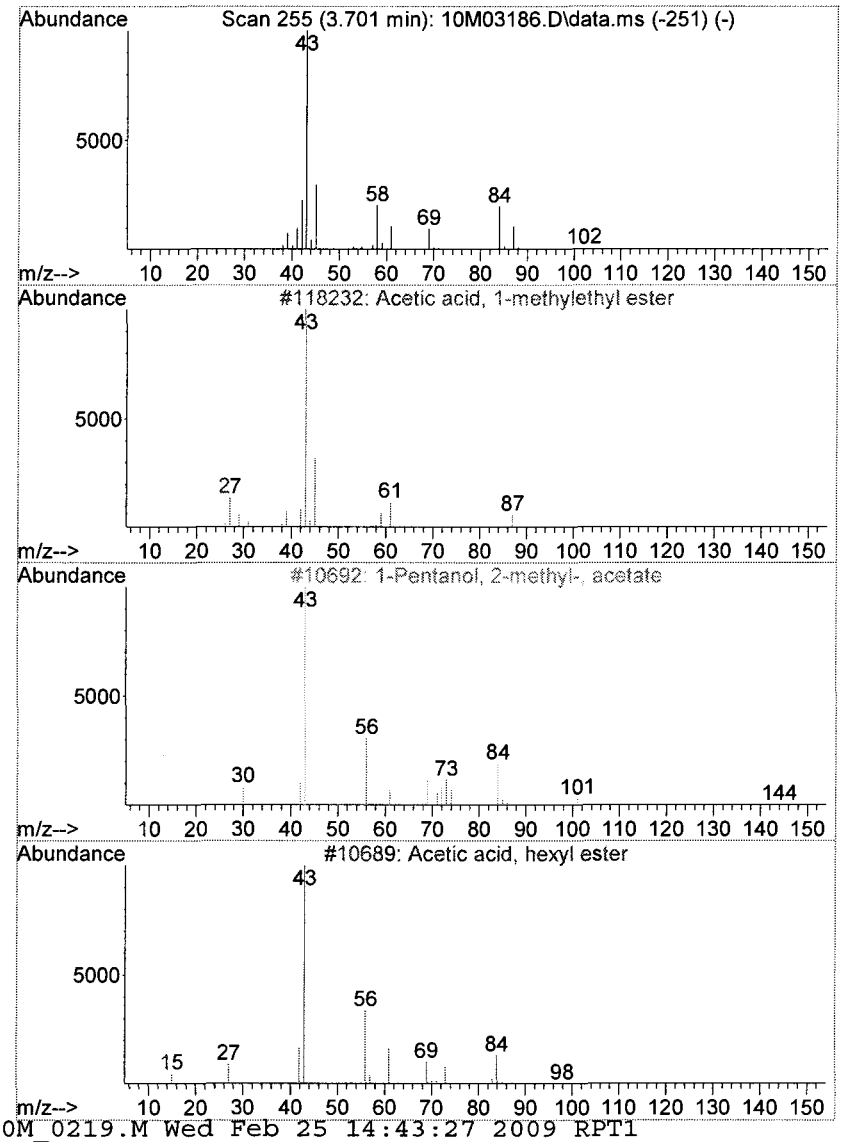
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

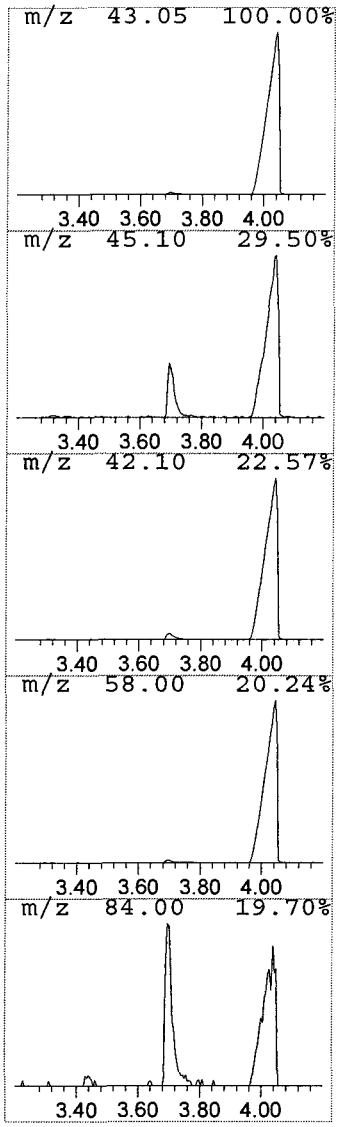
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	11.76 ng	137225	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	37
2	1-Pentanol, 2-methyl-, acetate	144	C8H16O2	007789-99-3	25
3	Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	25
4	Butane	58	C4H10	000106-97-8	16
5	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	12





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

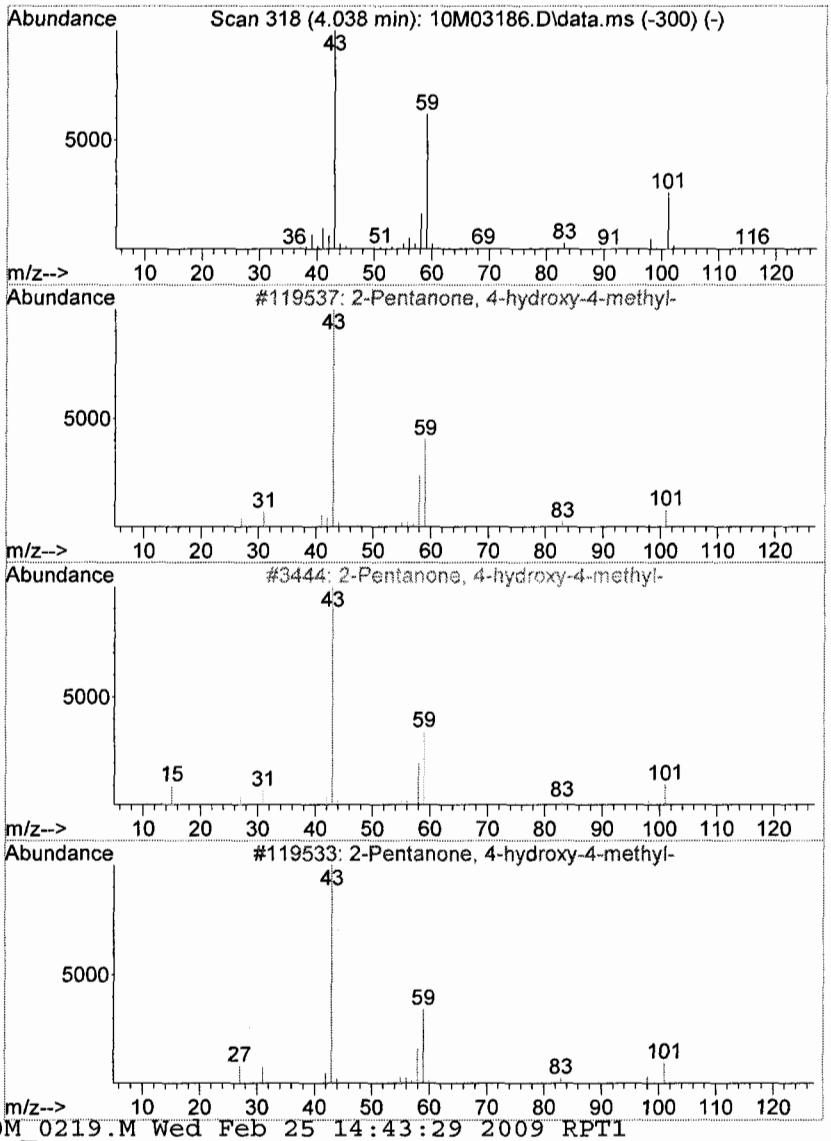
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

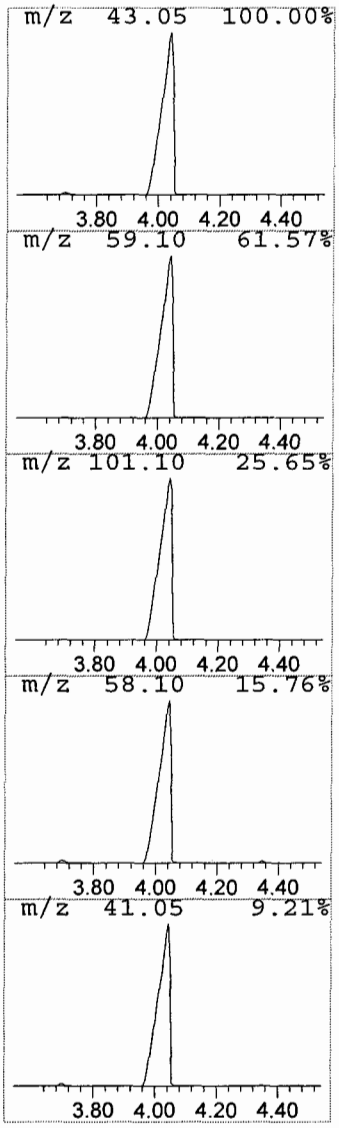
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.04	1702.46 ng	19867100	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

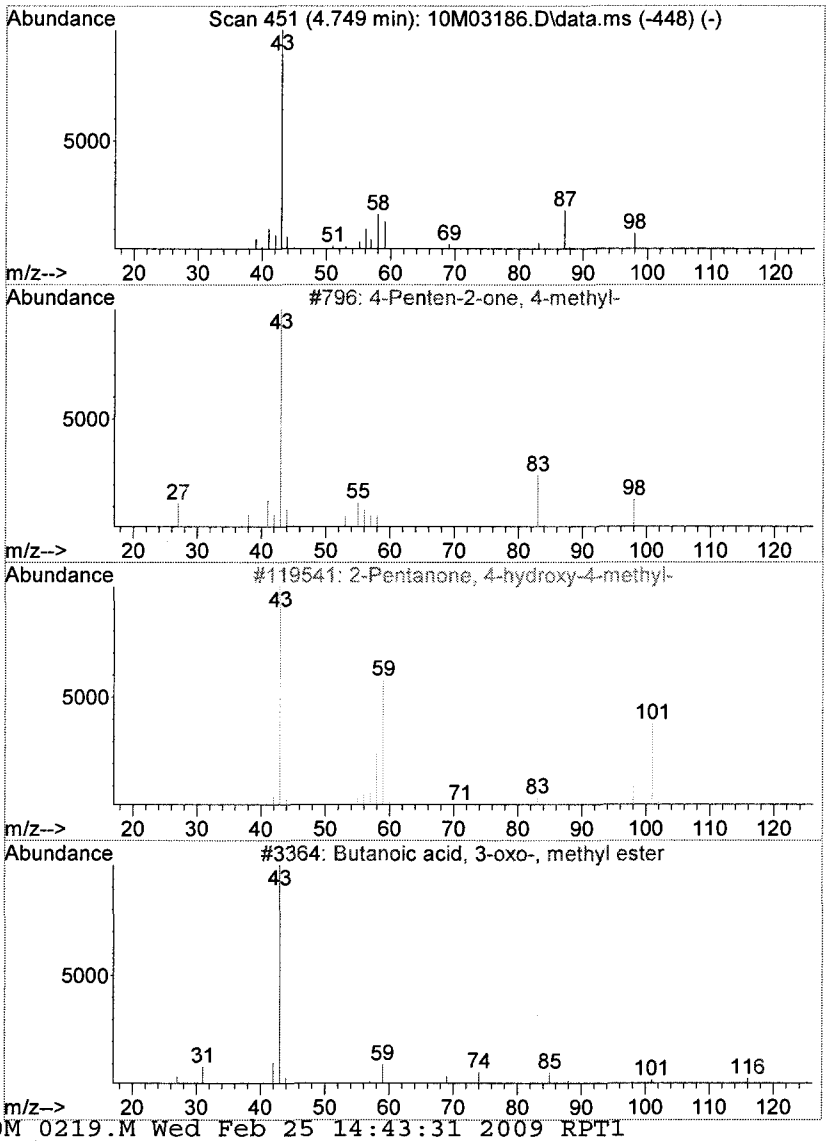
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

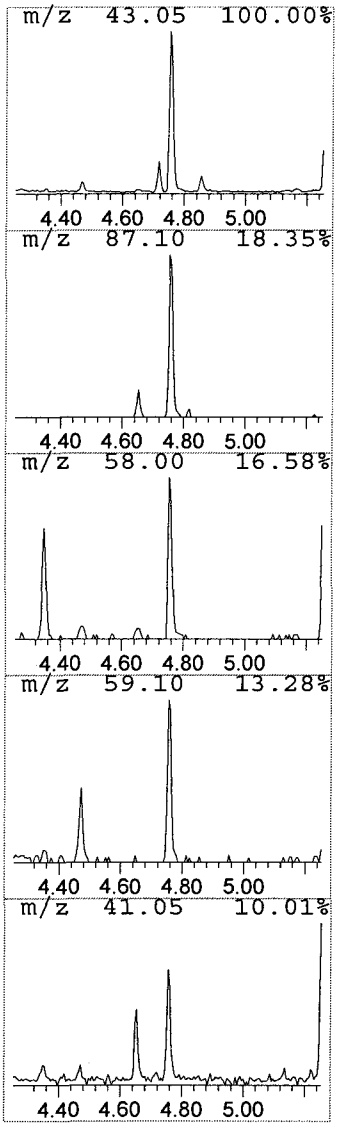
****

Peak Number 3 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	7.00 ng	81652	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	27
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23
3	Butanoic acid, 3-oxo-, methyl ester	116	C5H8O3	000105-45-3	17
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	17
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	10





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

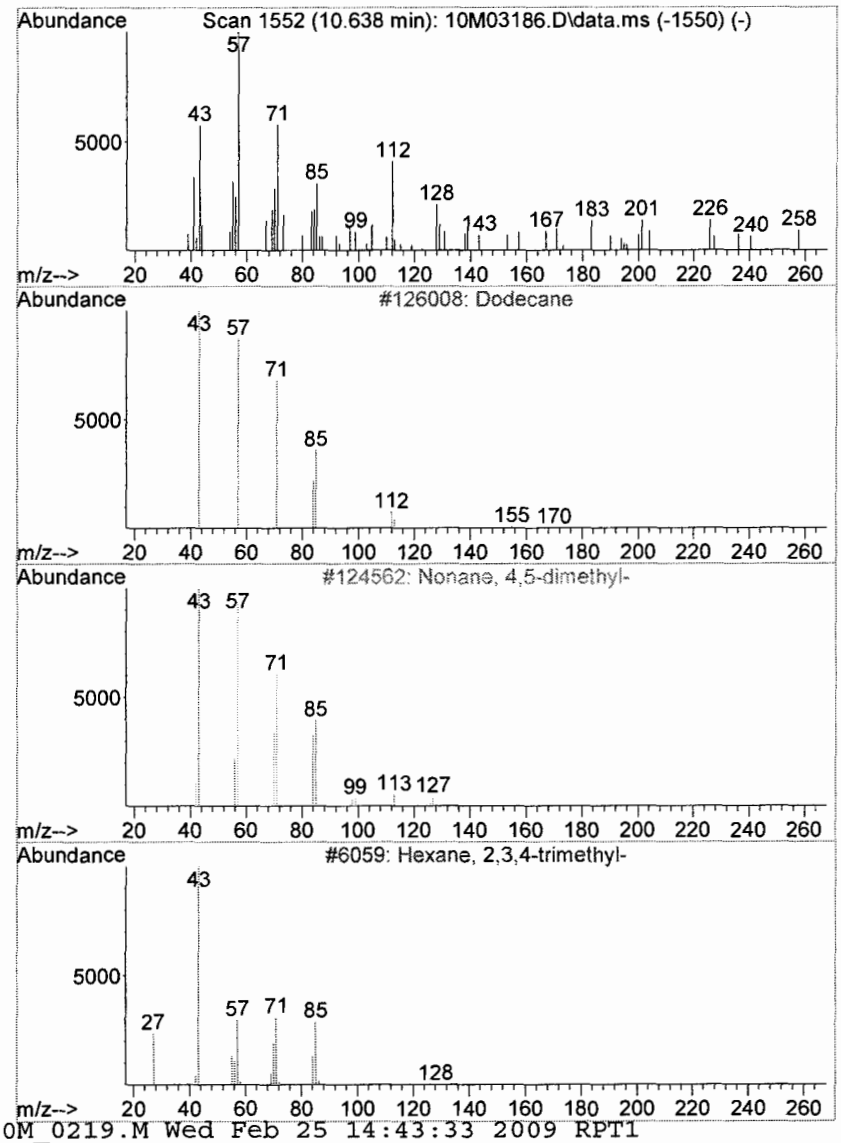
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

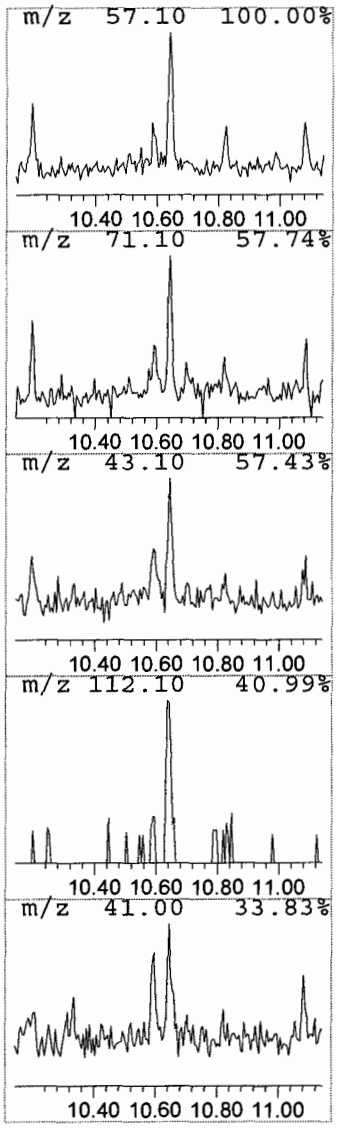
****

Peak Number 4 unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	4.22 ng	102523	Phenanthrene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	38
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	35
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	35
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	35
5	Hexadecane	226	C16H34	000544-76-3	30





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

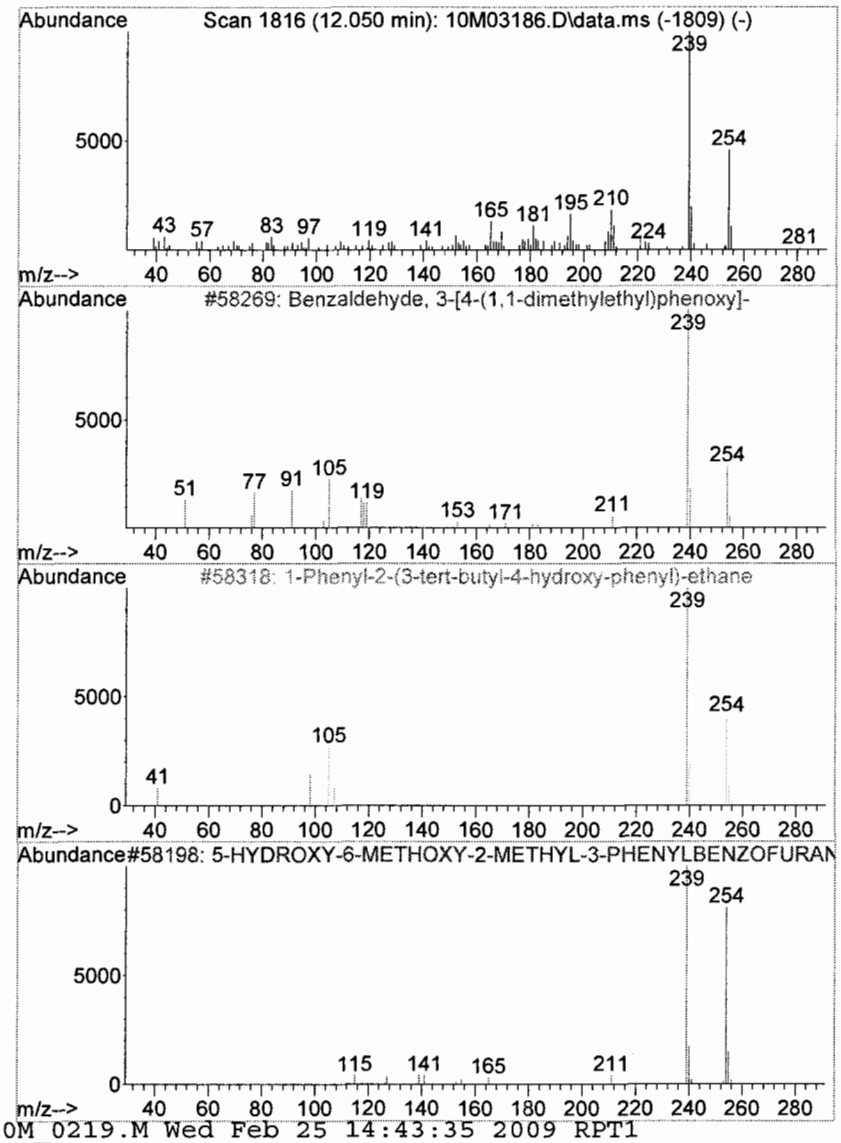
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

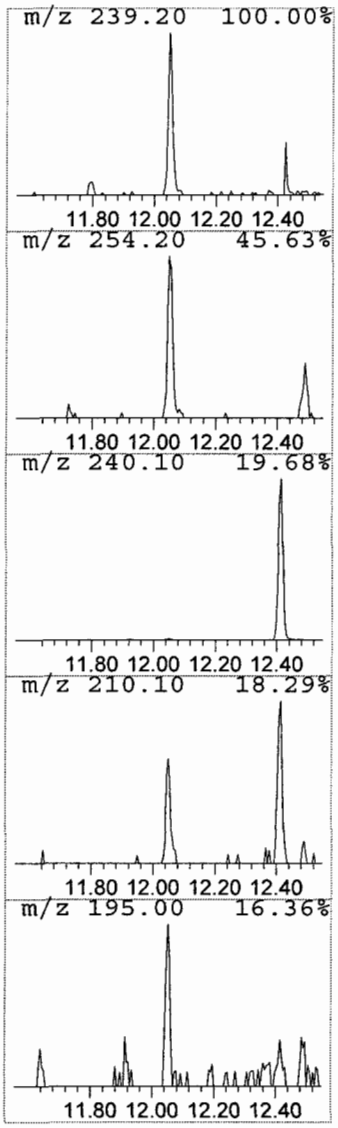
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3-[4-(1,1-dim... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.12 ng	78024	Chrysene-d12	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	72
2	1-Phenyl-2-(3-tert-butyl-4-hydro...	254	C18H22O	000000-00-0	64
3	5-HYDROXY-6-METHOXY-2-METHYL-3-P...	254	C16H14O3	078134-83-5	64
4	5,6,8,9,10,11,12,13-Octahydro-4H...	239	C17H21N	086340-37-6	50
5	Methanone, [4-(1,1-dimethylethyl...	254	C17H18O2	055044-96-7	50





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

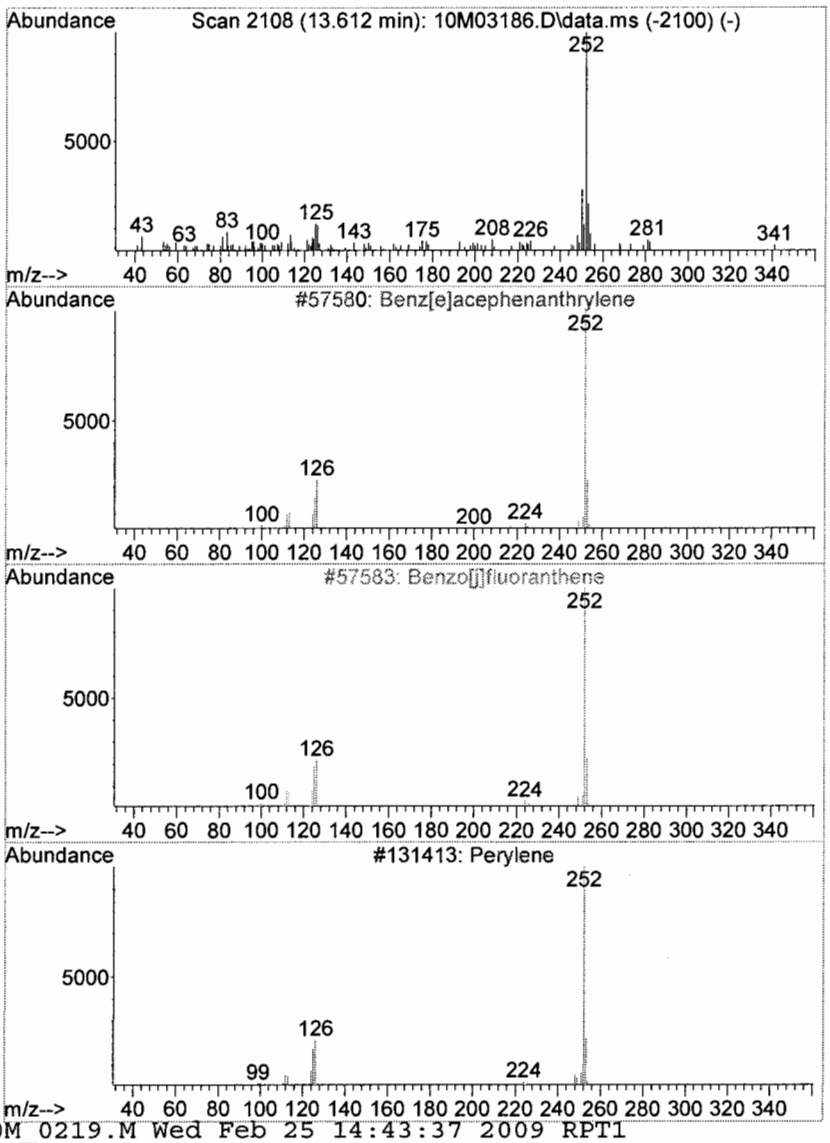
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

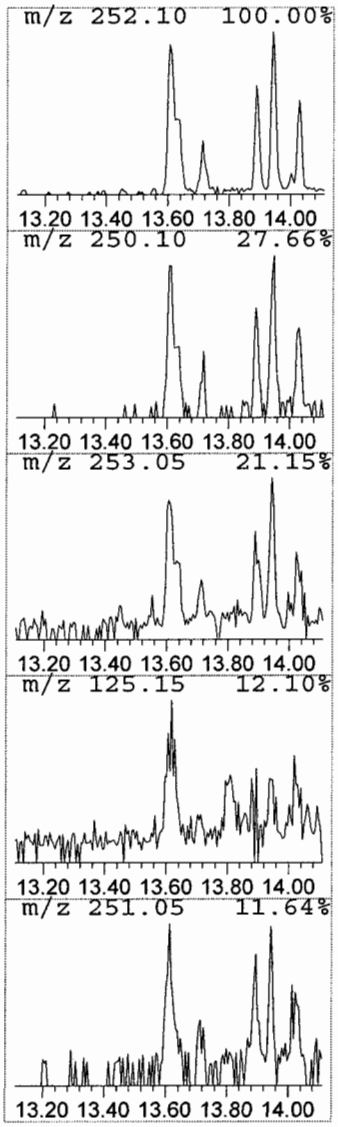
****

Peak Number 6 Benzo[j]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	4.10 ng	87172	Perylene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
3	Perylene	252	C20H12	000198-55-0	81
4	Perylene	252	C20H12	000198-55-0	76
5	Benzo[e]pyrene	252	C20H12	000192-97-2	76





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

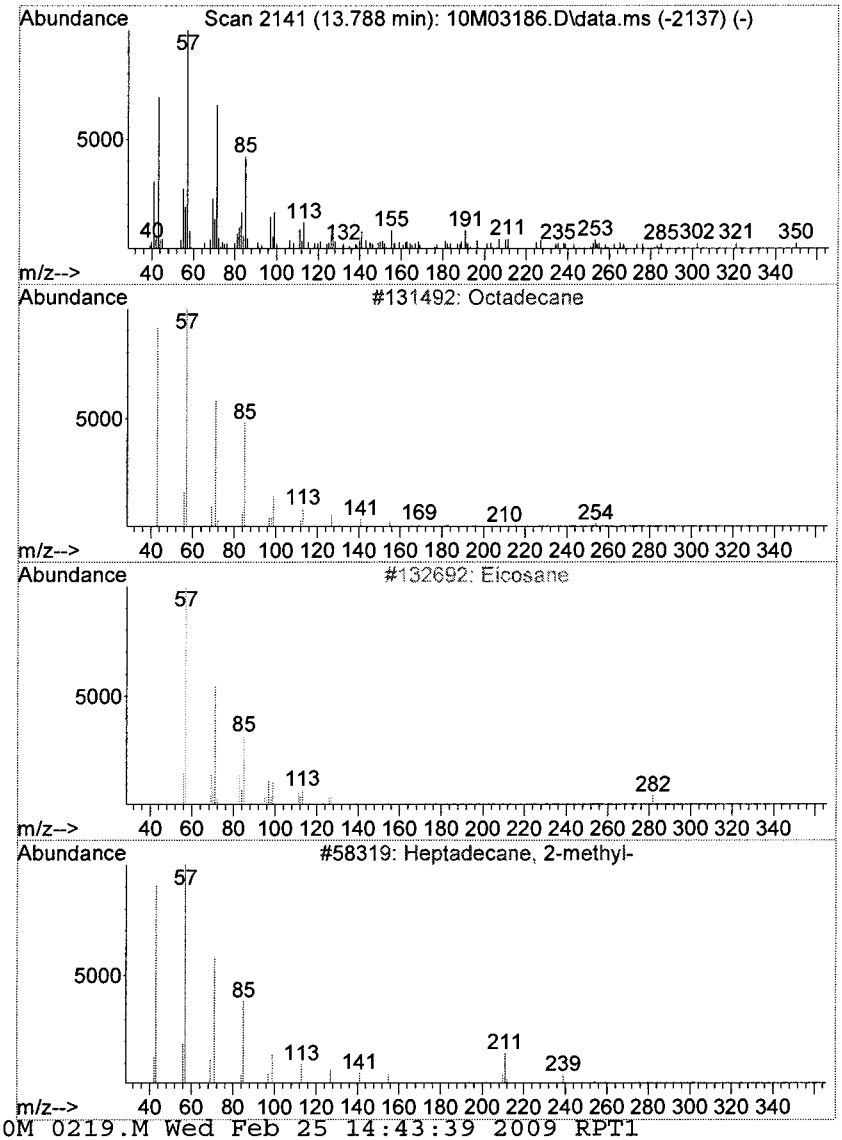
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

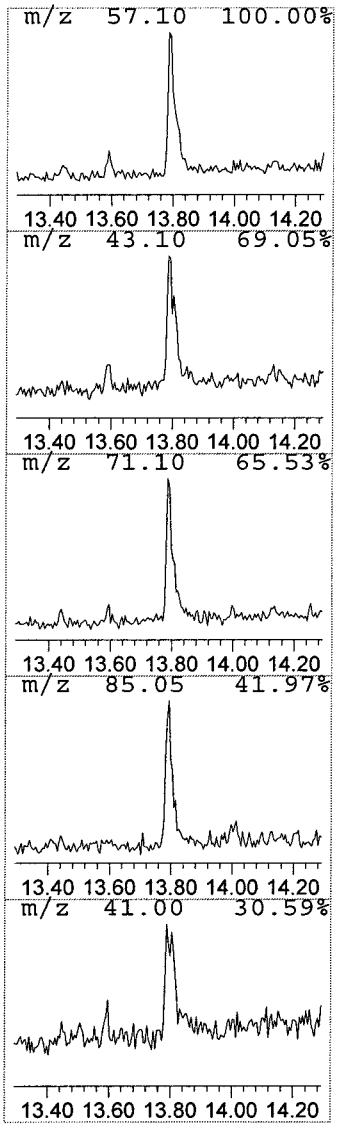
****

Peak Number 7 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	7.06 ng	150231	Perylene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5	Hexatriacontane	507	C36H74	000630-06-8	87





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

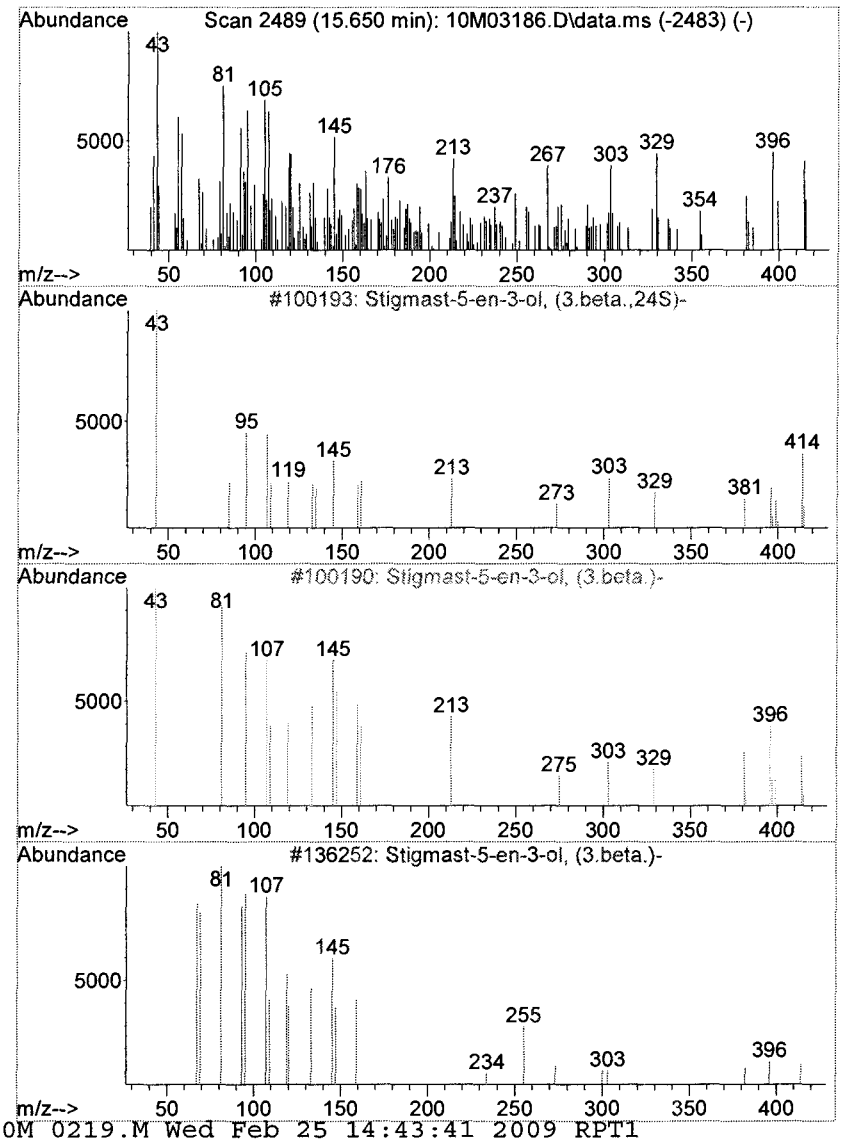
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

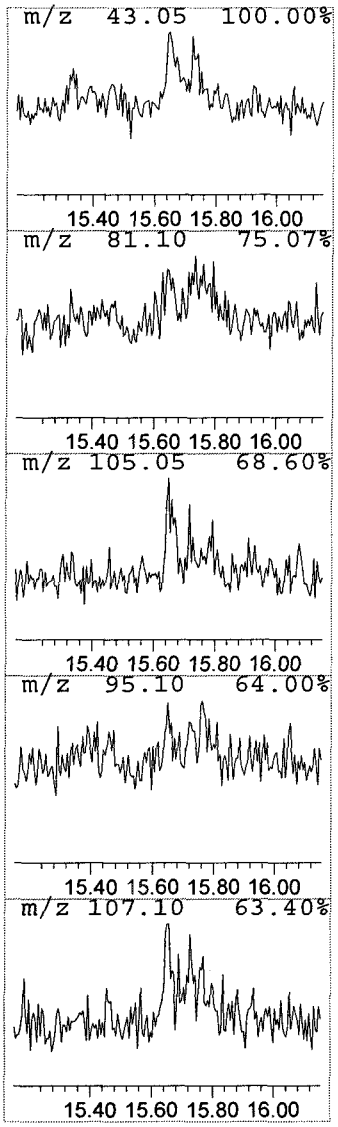
****

Peak Number 8 Stigmast-5-en-3-ol, (3.beta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.36 ng	92747	Perylene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-5-en-3-ol, (3.beta.,24S)-	414	C29H50O	000083-47-6	92
2	Stigmast-5-en-3-ol, (3.beta.)-	414	C29H50O	000083-46-5	43
3	Stigmast-5-en-3-ol, (3.beta.)-	414	C29H50O	000083-46-5	38
4	5.ALPHA.-STIGMAST-9(11)-EN-3.BET...	414	C29H50O	077794-81-1	22
5	Stigmast-5-en-3-ol, (3.beta.,24S)-	414	C29H50O	000083-47-6	12





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

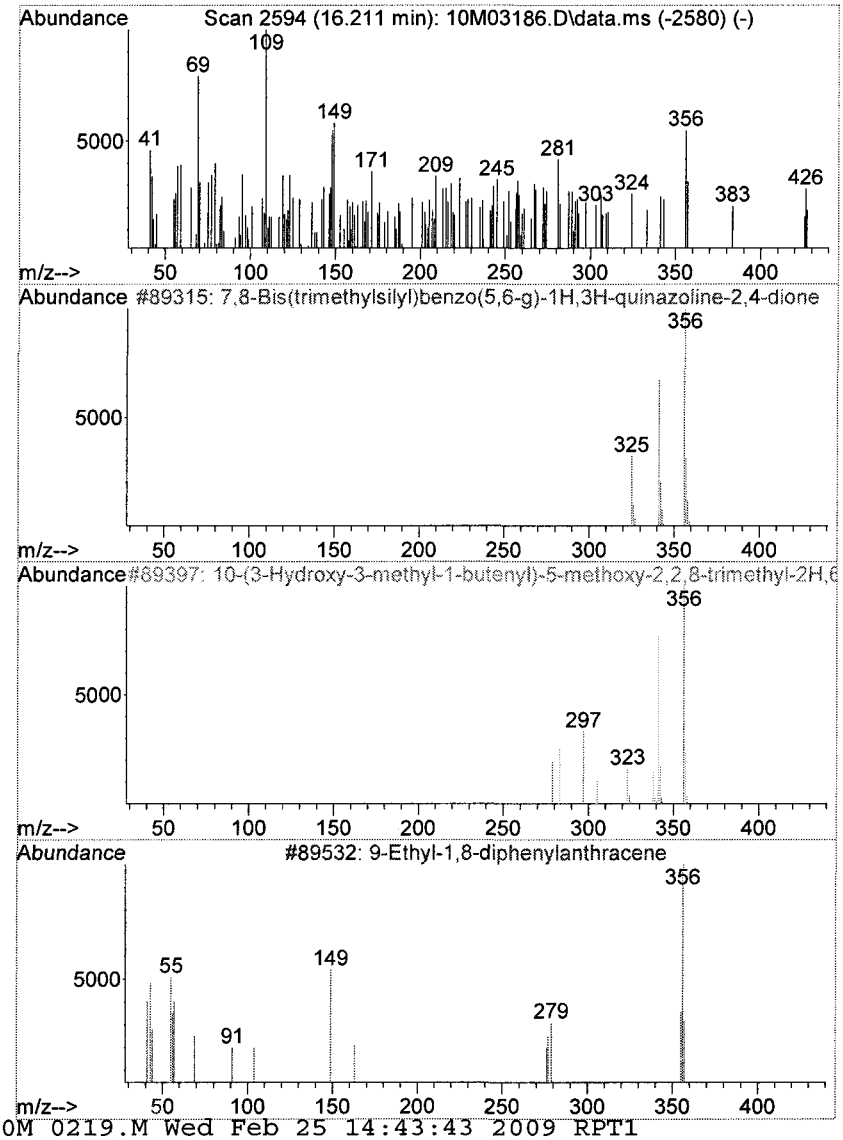
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

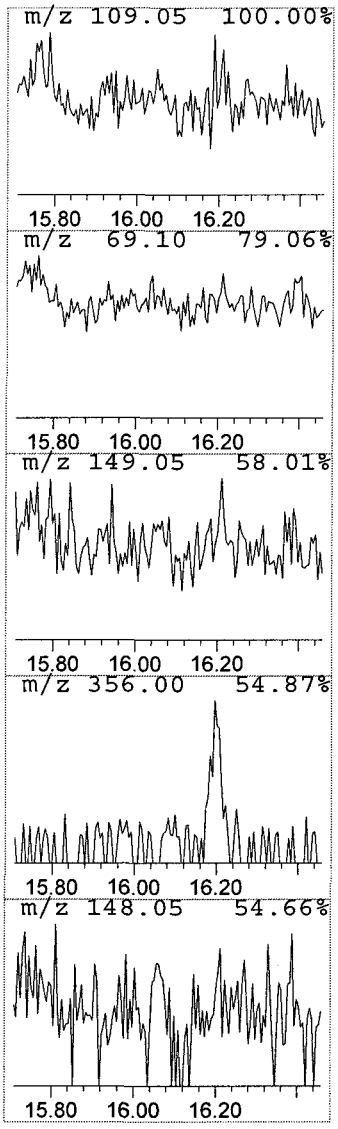
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	4.08 ng	86673	Perylene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,8-Bis(trimethylsilyl)benzo(5,6...	356	C18H24N2O2Si2	080964-27-8	40
2	10-(3-Hydroxy-3-methyl-1-butenyl...	356	C21H24O5	078076-83-2	35
3	9-Ethyl-1,8-diphenylanthracene	356	C28H20	073275-06-6	15
4	15.ALPHA.,17.BETA.-DIHYDROXY-3-O...	356	C22H28O4	058551-67-0	14
5	Estra-1,3,5(10)-trien-17-one, 1-...	356	C22H32O2Si	077883-22-8	14





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03186.D
Acq On : 24 Feb 2009 21:16
Operator : AHD
Sample : AC42868-004
Misc : S,BNA
ALS Vial : 27 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc
unknown	3.70	11.8	ng	137225	1 5.56	5.56	466784	40.0
2-Pentanone, 4-hy...	4.04	1702.5	ng	19867100	1 5.56	5.56	466784	40.0
unknown	4.75	7.0	ng	81652	1 5.56	5.56	466784	40.0
unknown	10.64	4.2	ng	102523	4 9.39	9.39	971954	40.0
Benzaldehyde, 3-[...	12.05	4.1	ng	78024	5 12.41	12.41	756712	40.0
Benzo[j]fluoranthene	13.61	4.1	ng	87172	6 14.00	14.00	850615	40.0
Octadecane	13.79	7.1	ng	150231	6 14.00	14.00	850615	40.0
Stigmast-5-en-3-o...	15.65	4.4	ng	92747	6 14.00	14.00	850615	40.0
unknown	16.21	4.1	ng	86673	6 14.00	14.00	850615	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 10M03187.D
Analysis Date: 02/24/09 21:38
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.087	U	191-24-2	Benzo[g,h,i]perylene	0.087	U
122-66-7	1,2-Diphenylhydrazine	0.087	U	207-08-9	Benzo[k]fluoranthene	0.087	U
95-95-4	2,4,5-Trichlorophenol	0.087	U	65-85-0	Benzoic Acid	0.43	U
88-06-2	2,4,6-Trichlorophenol	0.087	U	111-91-1	bis(2-Chloroethoxy)methan	0.087	U
120-83-2	2,4-Dichlorophenol	0.087	U	111-44-4	bis(2-Chloroethyl)ether	0.087	U
105-67-9	2,4-Dimethylphenol	0.087	U	108-60-1	bis(2-chloroisopropyl)ether	0.087	U
51-28-5	2,4-Dinitrophenol	0.43	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.087	U
121-14-2	2,4-Dinitrotoluene	0.087	U	85-68-7	Butylbenzylphthalate	0.087	U
606-20-2	2,6-Dinitrotoluene	0.087	U	86-74-8	Carbazole	0.087	U
91-58-7	2-Chloronaphthalene	0.087	U	218-01-9	Chrysene	0.087	U
95-57-8	2-Chlorophenol	0.087	U	53-70-3	Dibenzo[a,h]anthracene	0.087	U
91-57-6	2-Methylnaphthalene	0.087	U	132-64-9	Dibenzofuran	0.087	U
95-48-7	2-Methylphenol	0.087	U	84-66-2	Diethylphthalate	0.087	U
88-74-4	2-Nitroaniline	0.087	U	131-11-3	Dimethylphthalate	0.087	U
88-75-5	2-Nitrophenol	0.087	U	84-74-2	Di-n-butylphthalate	0.087	U
106-44-5	3&4-Methylphenol	0.087	U	117-84-0	Di-n-octylphthalate	0.087	U
91-94-1	3,3'-Dichlorobenzidine	0.087	U	206-44-0	Fluoranthene	0.087	U
99-09-2	3-Nitroaniline	0.087	U	86-73-7	Fluorene	0.087	U
534-52-1	4,6-Dinitro-2-methylphenol	0.43	U	118-74-1	Hexachlorobenzene	0.087	U
101-55-3	4-Bromophenyl-phenylether	0.087	U	87-68-3	Hexachlorobutadiene	0.087	U
59-50-7	4-Chloro-3-methylphenol	0.087	U	77-47-4	Hexachlorocyclopentadiene	0.087	U
106-47-8	4-Chloroaniline	0.087	U	67-72-1	Hexachloroethane	0.087	U
7005-72-3	4-Chlorophenyl-phenylether	0.087	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.087	U
100-01-6	4-Nitroaniline	0.087	U	78-59-1	Isophorone	0.087	U
100-02-7	4-Nitrophenol	0.087	U	91-20-3	Naphthalene	0.087	U
83-32-9	Acenaphthene	0.087	U	98-95-3	Nitrobenzene	0.087	U
208-96-8	Acenaphthylene	0.087	U	62-75-9	N-Nitrosodimethylamine	0.087	U
62-53-3	Aniline	0.087	U	621-64-7	N-Nitroso-di-n-propylamine	0.087	U
120-12-7	Anthracene	0.087	U	86-30-6	n-Nitrosodiphenylamine	0.087	U
92-87-5	Benzidine	0.43	U	87-86-5	Pentachlorophenol	0.43	U
56-55-3	Benzo[a]anthracene	0.087	U	85-01-8	Phenanthrene	0.087	U
50-32-8	**Benzo[a]pyrene**	**0.087**	**0.73**	108-95-2	Phenol	0.087	U
205-99-2	Benzo[b]fluoranthene	0.087	U	129-00-0	Pyrene	0.087	U

Worksheet #: 109913

Total Target Concentration 0.73

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 10M03187.D
Analysis Date: 02/24/09 21:38
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 77
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.70	0.59 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.04	82 JAB
3		unknown	4.75	0.34 JB
4	2432-55-5	Butyric acid, thio-, S-decyl ester	8.32	0.19 J
5		unknown	12.19	0.30 J

Worksheet #: 109913

Total Tentatively Identified Concentration 83

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

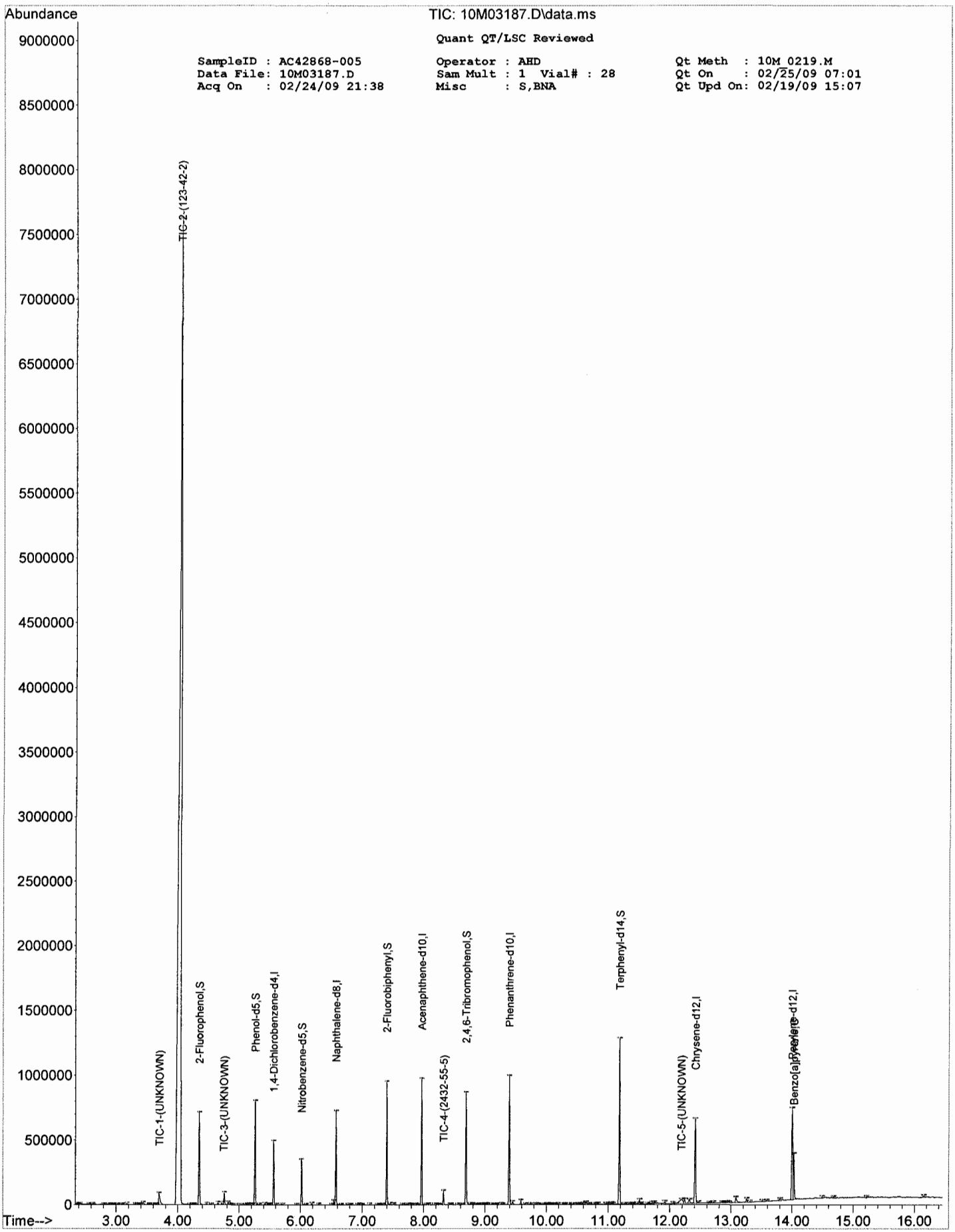
Quantitation Report (QT/LSC Reviewed)

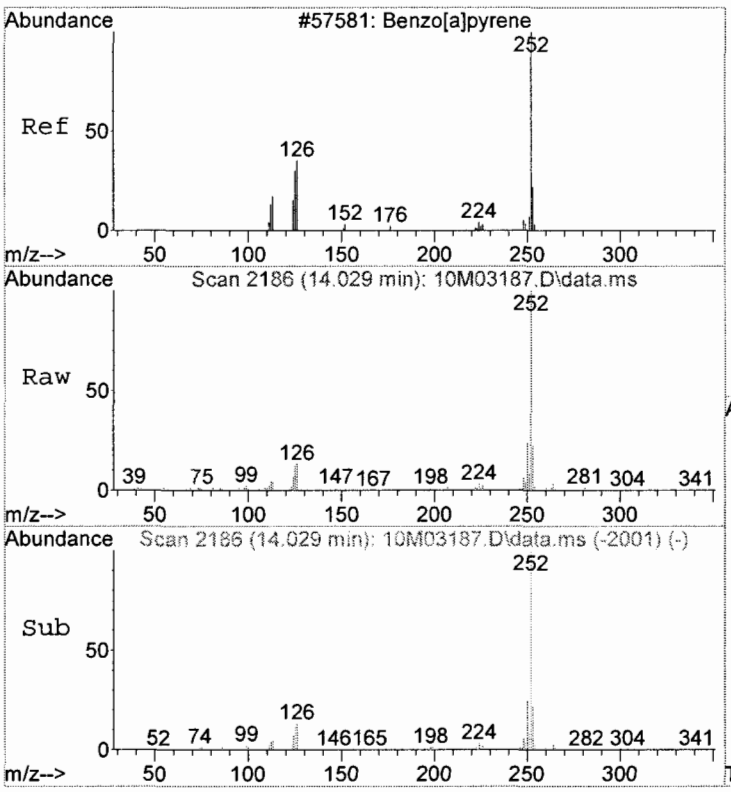
SampleID : AC42868-005 Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03187.D Sam Mult : 1 Vial# : 28 Qt On : 02/25/09 07:01
Acq On : 02/24/09 21:38 Misc : S,BNA Qt Upd On: 02/19/09 15:07

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.562	152	68274	40.00	ng	-0.02
23) Naphthalene-d8	6.578	136	272793	40.00	ng	-0.02
41) Acenaphthene-d10	7.964	164	180325	40.00	ng	-0.02
67) Phenanthrene-d10	9.392	188	331891	40.00	ng	-0.02
81) Chrysene-d12	12.414	240	294372	40.00	ng	-0.02
96) Perylene-d12	14.002	264	289950	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.348	112	177701	94.19	ng	-0.02
Spiked Amount 100.000			Recovery = 94.19%			
9) Phenol-d5	5.263	99	251150	93.10	ng	-0.01
Spiked Amount 100.000			Recovery = 93.10%			
24) Nitrobenzene-d5	6.022	128	45706	40.81	ng	-0.02
Spiked Amount 50.000			Recovery = 81.62%			
46) 2-Fluorobiphenyl	7.397	172	249402	40.42	ng	-0.02
Spiked Amount 50.000			Recovery = 80.84%			
70) 2,4,6-Tribromophenol	8.686	330	111787	87.91	ng	-0.02
Spiked Amount 100.000			Recovery = 87.91%			
84) Terphenyl-d14	11.184	244	454604	55.57	ng	-0.02
Spiked Amount 50.000			Recovery = 111.14%			
Target Compounds						Qvalue
100) Benzo[a]pyrene	14.029	252	145112	16.76	ng	90
Library Search Compounds						
1) UNKNOWN	3.700		132722	13.54	ng	--
2) 123-42-2	4.040		18502800	1887.97	ng	56
3) UNKNOWN	4.750		77947	7.95	ng	--
4) 2432-55-5	8.320		83835	4.39	ng	59
5) UNKNOWN	12.190		124402	6.98	ng	--

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

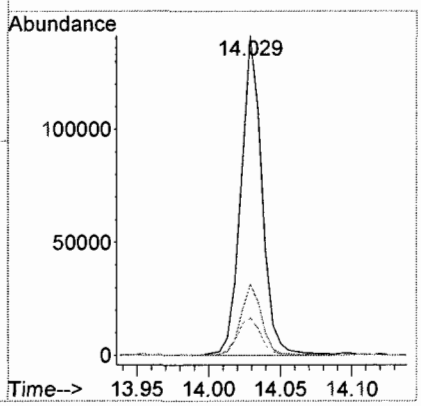

Abundance
TIC: 10M03187.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC42868-005
Data File: 10M03187.D
Acq On : 02/24/09 21:38
Operator : AHD
Sam Mult : 1 Vial# : 28
Misc : S,BNA
Qt Meth : 10M_0219.M
Qt On : 02/25/09 07:01
Qt Upd On: 02/19/09 15:07
TIC-1-(UNKNOWN)
TIC-2-(123-42-2)
2-Fluorophenol,S
TIC-3-(UNKNOWN)
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
TIC-4-(2432-55-5)
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
TIC-5-(UNKNOWN)
Chrysene-d12,I
Benzo(a)pyrene-d12,I
Time-->



#100
Benzo[a]pyrene
Concen: 16.76 ng
RT: 14.029 min Scan# 2186
Delta R.T. 0.064 min
Lab File: 10M03187.D
Acq: 24 Feb 2009 21:38

Tgt Ion:252 Resp: 145112

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	62.4
125	11.5	0.0	60.9



LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03187.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	3	6	8	rBV4	1849	2282	0.01%	0.008%
2	2.417	12	15	18	rBV5	1546	1803	0.01%	0.006%
3	2.562	40	42	45	rBV2	1426	1226	0.01%	0.004%
4	2.626	51	54	61	rBV5	3186	4811	0.03%	0.017%
5	2.802	86	87	93	rVB2	1148	1515	0.01%	0.005%
6	2.883	100	102	107	rVB3	1259	1700	0.01%	0.006%
7	2.931	107	111	114	rBV3	1288	1666	0.01%	0.006%
8	2.968	116	118	122	rVB2	1018	962	0.01%	0.003%
9	3.032	129	130	134	rVB2	1456	1280	0.01%	0.004%
10	3.096	134	142	145	rBV4	2298	4536	0.02%	0.016%
11	3.177	149	157	167	rVB5	7806	11472	0.06%	0.040%
12	3.310	175	182	186	rBV3	2680	5152	0.03%	0.018%
13	3.348	188	189	193	rVB2	1514	1347	0.01%	0.005%
14	3.380	193	195	200	rBV2	1412	2074	0.01%	0.007%
15	3.433	200	205	213	rBV2	14767	19374	0.10%	0.068%
16	3.535	220	224	225	rVB3	1245	1214	0.01%	0.004%
17	3.546	225	226	229	rBV2	1516	1020	0.01%	0.004%
18	3.605	233	237	242	rVB5	1436	2105	0.01%	0.007%
19	3.658	242	247	250	rBV3	1353	1871	0.01%	0.007%
20	3.696	250	254	268	rBV	85413	132722	0.72%	0.464%
21	4.043	301	319	337	rBV	7621682	18502797	100.00%	64.676%
22	4.193	344	347	351	rVB3	2160	2878	0.02%	0.010%
23	4.230	351	354	356	rBV3	2009	2077	0.01%	0.007%
24	4.268	359	361	364	rVB3	1500	1230	0.01%	0.004%
25	4.348	370	376	387	rBV	708225	611775	3.31%	2.138%
26	4.471	393	399	404	rVB	8370	8789	0.05%	0.031%
27	4.546	411	413	418	rVB2	1496	1461	0.01%	0.005%
28	4.653	429	433	441	rVB	13925	12477	0.07%	0.044%
29	4.717	441	445	449	rBV	12412	10999	0.06%	0.038%
30	4.755	449	452	461	rVV	89958	77947	0.42%	0.272%
31	4.819	461	464	469	rVB	17113	14188	0.08%	0.050%
32	4.856	469	471	476	rBV	5331	5941	0.03%	0.021%
33	4.894	476	478	482	rVB2	1870	1305	0.01%	0.005%
34	4.974	488	493	499	rVB2	994	1714	0.01%	0.006%
35	5.049	499	507	510	rVB2	1287	2834	0.02%	0.010%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

36	5.102	510	517	519	rBV4	2148	3424	0.02%	0.012%
37	5.134	519	523	525	rVV2	3778	3236	0.02%	0.011%
38	5.161	525	528	531	rVV	5265	4641	0.03%	0.016%
39	5.188	531	533	536	rVB	2402	1819	0.01%	0.006%
40	5.225	536	540	542	rBV3	3499	2974	0.02%	0.010%
41	5.263	542	547	558	rVV	799131	700919	3.79%	2.450%
42	5.332	558	560	570	rVB6	1971	4139	0.02%	0.014%
43	5.418	572	576	582	rVB2	9666	9824	0.05%	0.034%
44	5.455	582	583	587	rVB2	1594	1194	0.01%	0.004%
45	5.487	587	589	591	rBV	3234	2534	0.01%	0.009%
46	5.509	591	593	597	rVV	4806	4627	0.03%	0.016%
47	5.562	597	603	610	rVV	487945	392532	2.12%	1.372%
48	5.616	610	613	620	rVB6	2710	4277	0.02%	0.015%
49	5.712	624	631	636	rBV4	3217	5375	0.03%	0.019%
50	5.942	672	674	678	rVB	1169	993	0.01%	0.003%
51	6.017	678	688	701	rBV	346579	302315	1.63%	1.057%
52	6.097	701	703	713	rVB4	2695	4651	0.03%	0.016%
53	6.188	713	720	724	rBV	10390	9834	0.05%	0.034%
54	6.300	738	741	747	rBV2	2688	2684	0.01%	0.009%
55	6.509	776	780	782	rBV4	1875	1773	0.01%	0.006%
56	6.541	782	786	789	rVV	28751	18981	0.10%	0.066%
57	6.578	789	793	805	rVV	719858	569439	3.08%	1.990%
58	6.664	806	809	814	rVB3	1365	1503	0.01%	0.005%
59	6.771	822	829	830	rBV2	2097	2237	0.01%	0.008%
60	6.819	837	838	844	rVB5	1498	1532	0.01%	0.005%
61	6.926	853	858	861	rBV2	1373	1880	0.01%	0.007%
62	6.964	861	865	868	rVB3	4382	3295	0.02%	0.012%
63	7.001	868	872	874	rBV4	1167	1695	0.01%	0.006%
64	7.119	891	894	897	rBV3	2887	2300	0.01%	0.008%
65	7.242	915	917	921	rVB	844	1058	0.01%	0.004%
66	7.274	921	923	926	rBV2	892	1234	0.01%	0.004%
67	7.301	926	928	933	rVB3	983	1359	0.01%	0.005%
68	7.338	933	935	938	rBV2	1419	1166	0.01%	0.004%
69	7.397	940	946	955	rBV	946811	700135	3.78%	2.447%
70	7.456	955	957	964	rVB2	7379	7206	0.04%	0.025%
71	7.509	964	967	970	rBV2	3637	3194	0.02%	0.011%
72	7.648	986	993	999	rBV4	1642	2854	0.02%	0.010%
73	7.728	1006	1008	1011	rBV2	1581	1874	0.01%	0.007%
74	7.750	1011	1012	1017	rVV3	1479	1509	0.01%	0.005%
75	7.798	1017	1021	1026	rVV4	1672	2401	0.01%	0.008%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

76	7.841	1026	1029	1034	rVB2	1171	1300	0.01%	0.005%
77	7.894	1034	1039	1043	rBV3	1538	2017	0.01%	0.007%
78	7.964	1047	1052	1064	rVB	968841	763621	4.13%	2.669%
79	8.049	1064	1068	1070	rBV2	1064	1308	0.01%	0.005%
80	8.087	1070	1075	1079	rVB2	3275	3453	0.02%	0.012%
81	8.172	1088	1091	1096	rVB	1358	1572	0.01%	0.005%
82	8.210	1096	1098	1100	rBV	1479	1041	0.01%	0.004%
83	8.231	1100	1102	1105	rVB	1217	1173	0.01%	0.004%
84	8.258	1105	1107	1112	rBV2	967	1215	0.01%	0.004%
85	8.322	1112	1119	1127	rBV	105079	83835	0.45%	0.293%
86	8.429	1132	1139	1140	rVB2	1823	2359	0.01%	0.008%
87	8.450	1140	1143	1147	rBV2	3478	2770	0.01%	0.010%
88	8.552	1159	1162	1166	rVB3	1696	1513	0.01%	0.005%
89	8.638	1175	1178	1181	rVB3	1584	1494	0.01%	0.005%
90	8.686	1181	1187	1199	rBV	863899	773719	4.18%	2.705%
91	8.755	1199	1200	1204	rVV3	4584	4281	0.02%	0.015%
92	8.798	1204	1208	1214	rVV3	5066	7856	0.04%	0.027%
93	8.841	1214	1216	1223	rVB3	1518	2841	0.02%	0.010%
94	8.889	1223	1225	1228	rBV3	1927	1944	0.01%	0.007%
95	8.932	1230	1233	1238	rVB3	2861	2243	0.01%	0.008%
96	8.985	1238	1243	1245	rVV2	1123	1275	0.01%	0.004%
97	9.012	1245	1248	1251	rVV4	3834	4131	0.02%	0.014%
98	9.044	1251	1254	1261	rVV5	4911	5520	0.03%	0.019%
99	9.103	1261	1265	1267	rVB3	1767	1766	0.01%	0.006%
100	9.140	1267	1272	1275	rBV4	1477	2370	0.01%	0.008%
101	9.189	1278	1281	1283	rBV4	1166	1223	0.01%	0.004%
102	9.269	1289	1296	1299	rBV2	6274	6095	0.03%	0.021%
103	9.290	1299	1300	1305	rVB3	1630	1956	0.01%	0.007%
104	9.392	1308	1319	1326	rBV	988551	877480	4.74%	3.067%
105	9.451	1326	1330	1342	rVB	21654	29298	0.16%	0.102%
106	9.584	1349	1355	1362	rBV	31314	27731	0.15%	0.097%
107	9.659	1363	1369	1375	rVB5	3189	5233	0.03%	0.018%
108	9.734	1375	1383	1389	rBV3	4103	7135	0.04%	0.025%
109	9.777	1389	1391	1396	rVB3	1376	1311	0.01%	0.005%
110	9.830	1396	1401	1406	rVB7	3791	6147	0.03%	0.021%
111	9.884	1406	1411	1413	rBV5	1908	2051	0.01%	0.007%
112	9.969	1423	1427	1429	rVB4	1606	1418	0.01%	0.005%
113	10.002	1429	1433	1435	rBV4	1599	1687	0.01%	0.006%
114	10.023	1435	1437	1442	rVB2	3486	4579	0.02%	0.016%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

115	10.071	1442	1446	1449	rBV5	1684	2540	0.01%	0.009%
116	10.093	1449	1450	1453	rVB2	1500	1114	0.01%	0.004%
117	10.119	1453	1455	1458	rBV3	1085	1005	0.01%	0.004%
118	10.157	1458	1462	1465	rBV5	2052	2629	0.01%	0.009%
119	10.194	1465	1469	1472	rVV3	3222	3445	0.02%	0.012%
120	10.296	1479	1488	1489	rBV5	1673	3588	0.02%	0.013%
121	10.306	1489	1490	1498	rVB6	2064	3452	0.02%	0.012%
122	10.371	1498	1502	1506	rBV7	1476	2060	0.01%	0.007%
123	10.429	1510	1513	1515	rBV4	1404	1044	0.01%	0.004%
124	10.478	1519	1522	1525	rVB5	2073	1427	0.01%	0.005%
125	10.520	1525	1530	1532	rBV4	1665	2465	0.01%	0.009%
126	10.552	1532	1536	1539	rVV5	3379	4166	0.02%	0.015%
127	10.595	1539	1544	1549	rVV5	6622	9878	0.05%	0.035%
128	10.643	1549	1553	1559	rVV4	15282	21413	0.12%	0.075%
129	10.686	1559	1561	1566	rVV4	2054	2405	0.01%	0.008%
130	10.761	1572	1575	1578	rBV4	1222	1234	0.01%	0.004%
131	10.825	1581	1587	1588	rBV5	4881	4114	0.02%	0.014%
132	10.841	1588	1590	1598	rVB5	4954	5275	0.03%	0.018%
133	10.970	1607	1614	1616	rBV6	5024	7321	0.04%	0.026%
134	11.018	1620	1623	1626	rBV5	1692	1931	0.01%	0.007%
135	11.055	1626	1630	1633	rVV	9488	11906	0.06%	0.042%
136	11.082	1633	1635	1639	rVB3	6154	5687	0.03%	0.020%
137	11.184	1644	1654	1666	rBV	1275421	1173522	6.34%	4.102%
138	11.264	1666	1669	1673	rBV4	1312	1803	0.01%	0.006%
139	11.339	1680	1683	1686	rBV4	1473	1363	0.01%	0.005%
140	11.365	1687	1688	1694	rBV6	2273	1829	0.01%	0.006%
141	11.403	1694	1695	1696	rBV	2136	1030	0.01%	0.004%
142	11.472	1701	1708	1710	rBV5	4549	5969	0.03%	0.021%
143	11.510	1710	1715	1719	rVV3	31367	35491	0.19%	0.124%
144	11.537	1719	1720	1731	rVB8	3852	6519	0.04%	0.023%
145	11.638	1733	1739	1741	rBV6	2655	3219	0.02%	0.011%
146	11.718	1741	1754	1758	rBV10	10803	26362	0.14%	0.092%
147	11.751	1758	1760	1772	rVB10	7783	21382	0.12%	0.075%
148	11.922	1788	1792	1800	rVB4	14269	17460	0.09%	0.061%
149	12.061	1814	1818	1820	rBV5	5270	5660	0.03%	0.020%
150	12.195	1823	1843	1849	rBV5	29601	124402	0.67%	0.435%
151	12.243	1849	1852	1860	rVB3	30535	35454	0.19%	0.124%
152	12.323	1861	1867	1872	rBV5	27617	44277	0.24%	0.155%
153	12.414	1878	1884	1891	rBV	648999	713010	3.85%	2.492%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

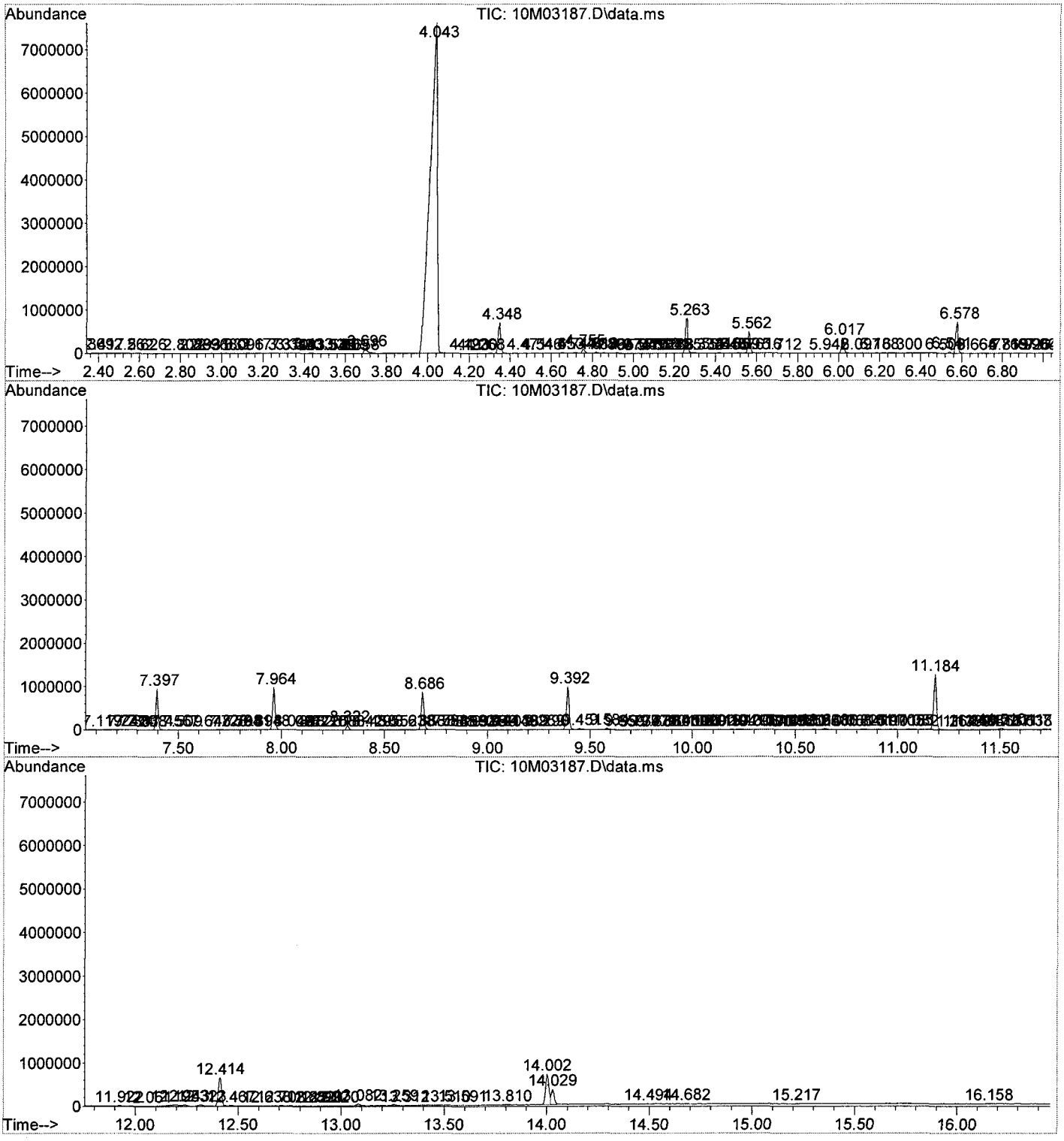
154	12.467	1891	1894	1899	rVB4	6961	9764	0.05%	0.034%
155	12.638	1922	1926	1930	rBV7	3361	5794	0.03%	0.020%
156	12.708	1935	1939	1946	rBV9	6336	10434	0.06%	0.036%
157	12.852	1962	1966	1970	rVB7	3644	4075	0.02%	0.014%
158	12.890	1971	1973	1975	rVB3	2982	1776	0.01%	0.006%
159	12.922	1976	1979	1982	rBV5	2196	2395	0.01%	0.008%
160	12.970	1982	1988	1991	rBV8	5505	8619	0.05%	0.030%
161	13.082	2004	2009	2019	rBV5	39883	68630	0.37%	0.240%
162	13.259	2034	2042	2048	rBV4	26375	34525	0.19%	0.121%
163	13.312	2049	2052	2057	rBV6	5734	5627	0.03%	0.020%
164	13.510	2086	2089	2095	rVB8	8202	8940	0.05%	0.031%
165	13.591	2100	2104	2107	rBV6	5592	6271	0.03%	0.022%
166	13.810	2139	2145	2149	rBV9	12140	26823	0.14%	0.094%
167	14.002	2175	2181	2184	rBV	705208	811366	4.39%	2.836%
168	14.029	2184	2186	2194	rVB	348913	334594	1.81%	1.170%
169	14.494	2270	2273	2276	rVB5	11124	10309	0.06%	0.036%
170	14.682	2305	2308	2312	rBV6	8451	12255	0.07%	0.043%
171	15.217	2407	2408	2410	rBV2	7427	5767	0.03%	0.020%
172	16.158	2579	2584	2590	rBV10	10994	22446	0.12%	0.078%

Sum of corrected areas: 28608383

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

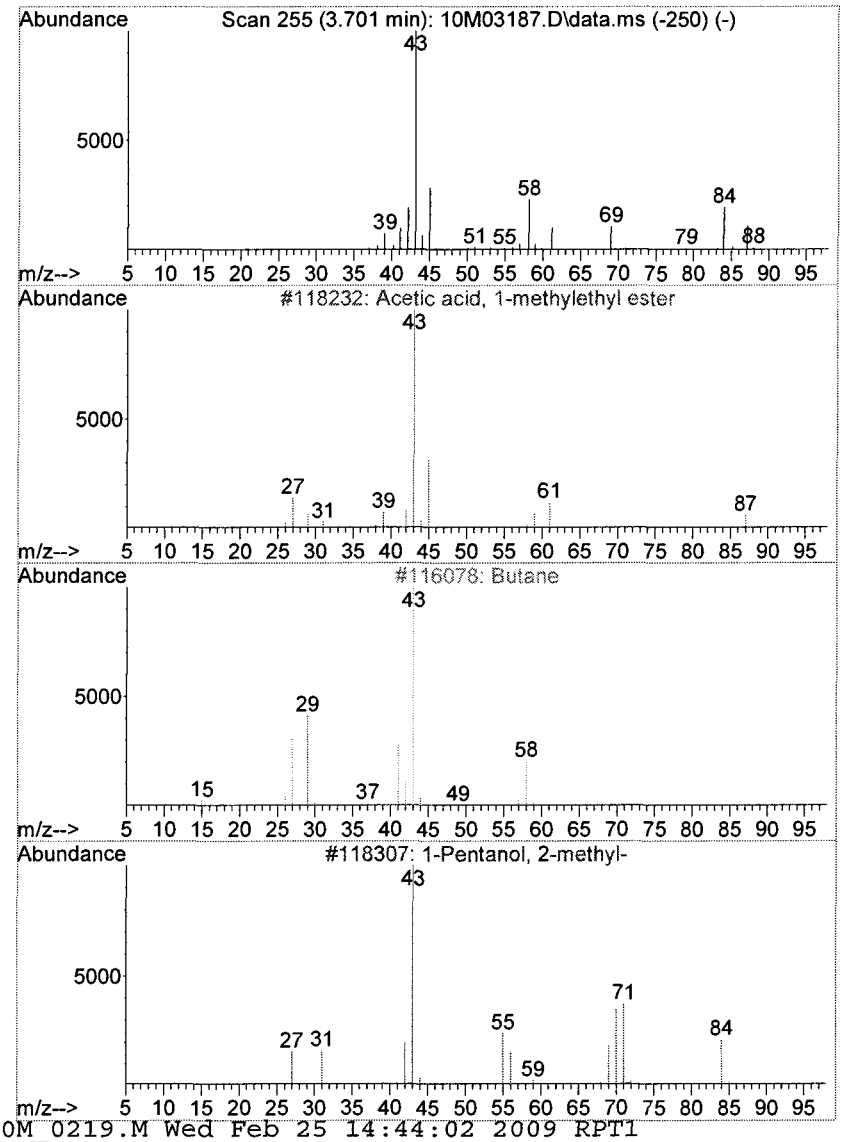
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

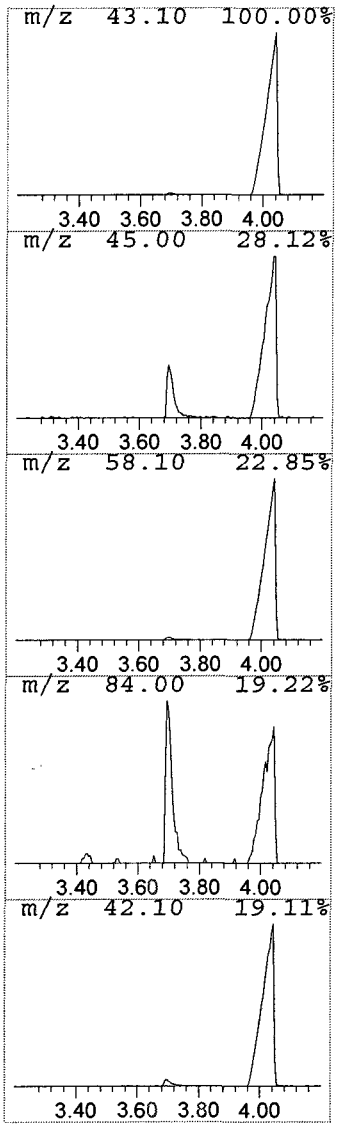
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	13.54 ng	132722	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	32
2	Butane	58	C4H10	000106-97-8	16
3	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	12
4	Butane	58	C4H10	000106-97-8	9
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

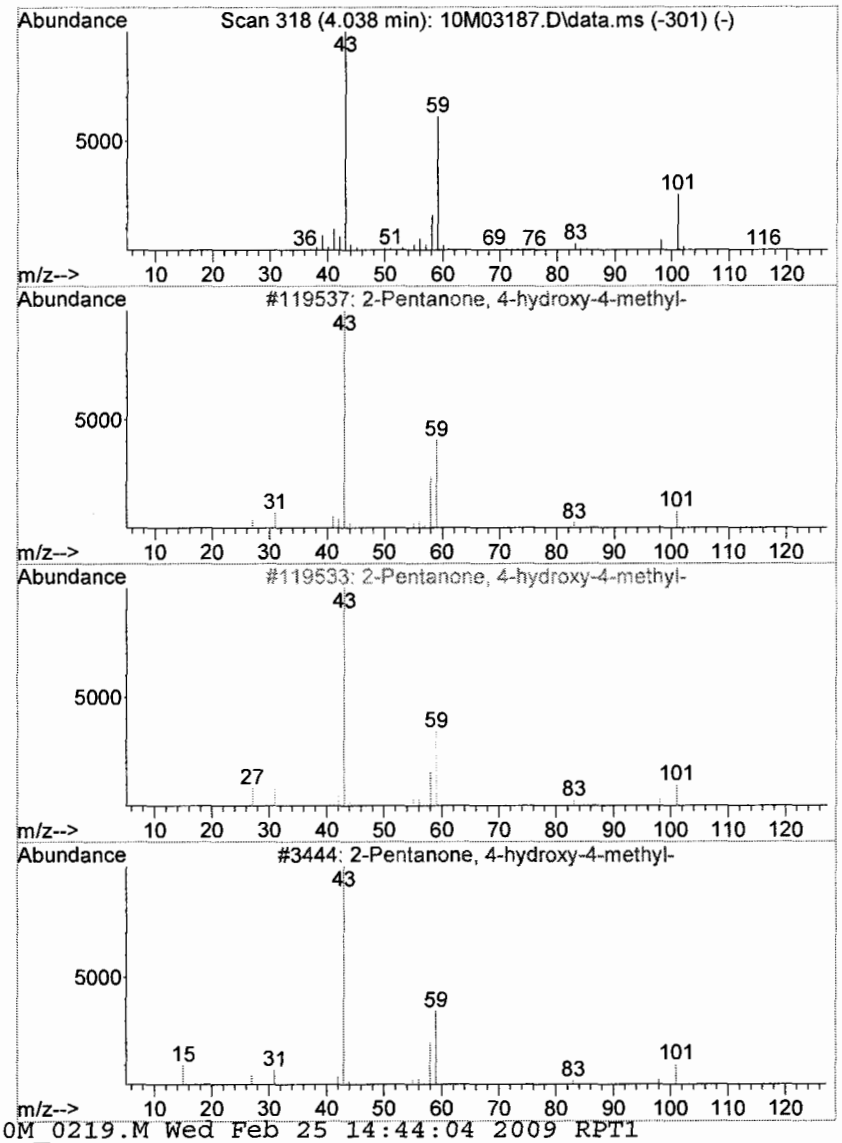
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

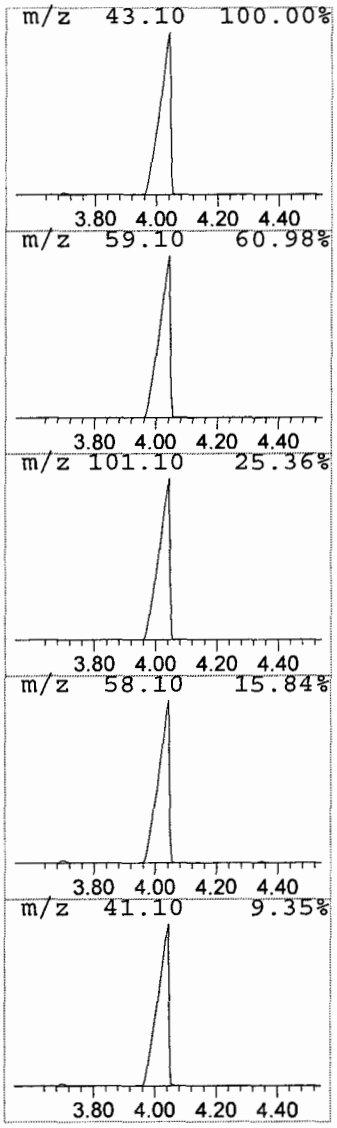
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.04	1887.97 ng	18502800	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

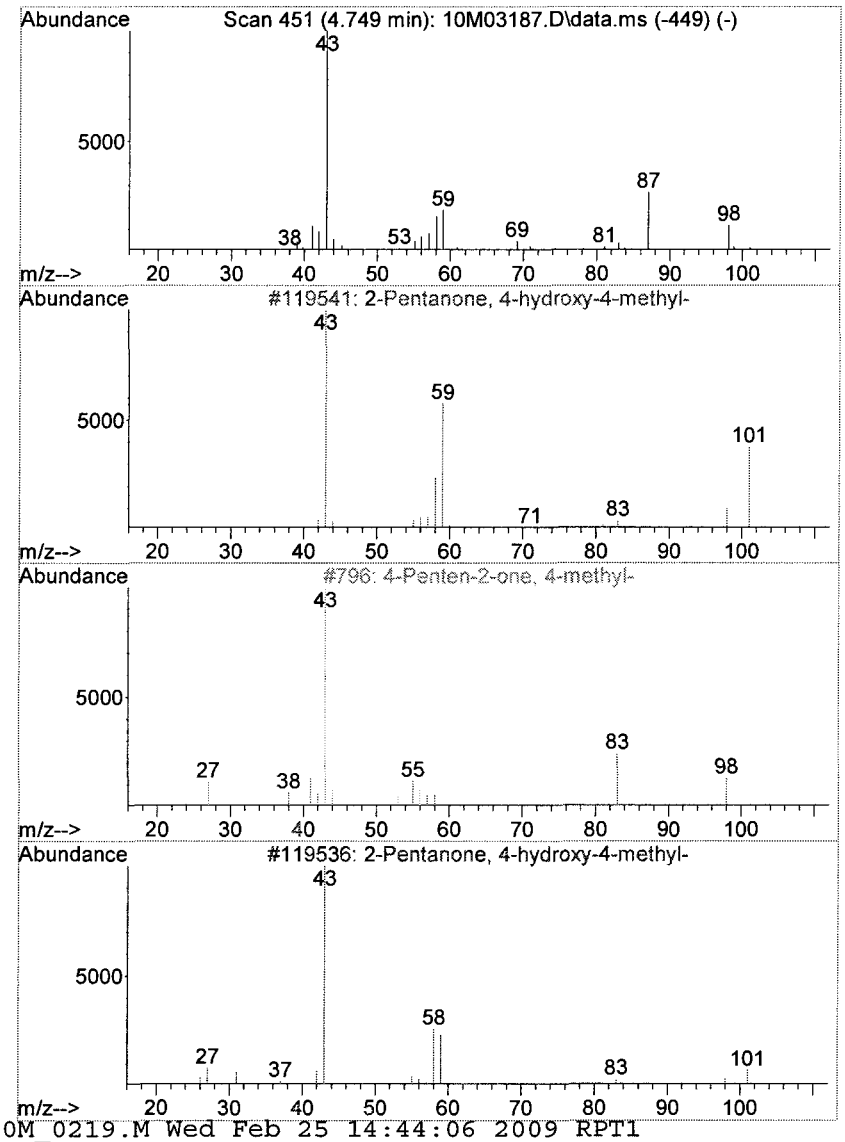
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

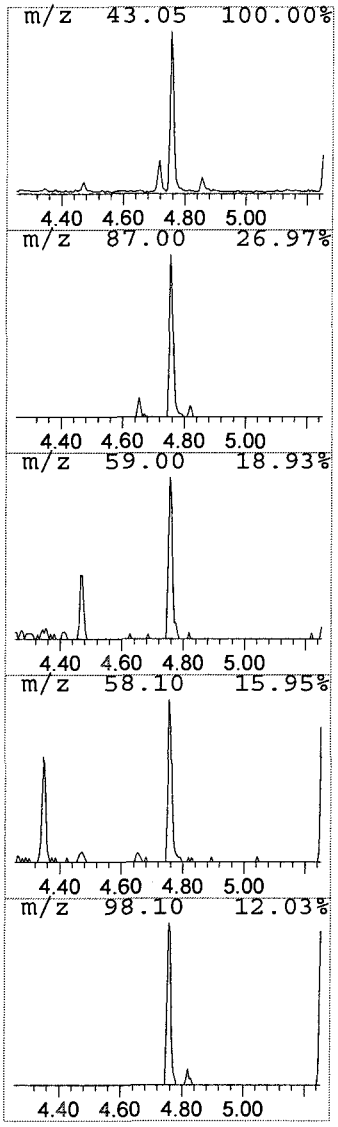
****

Peak Number 3 unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	7.95 ng	77947	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	38
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
4	2-Heptanone	114	C7H14O	000110-43-0	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

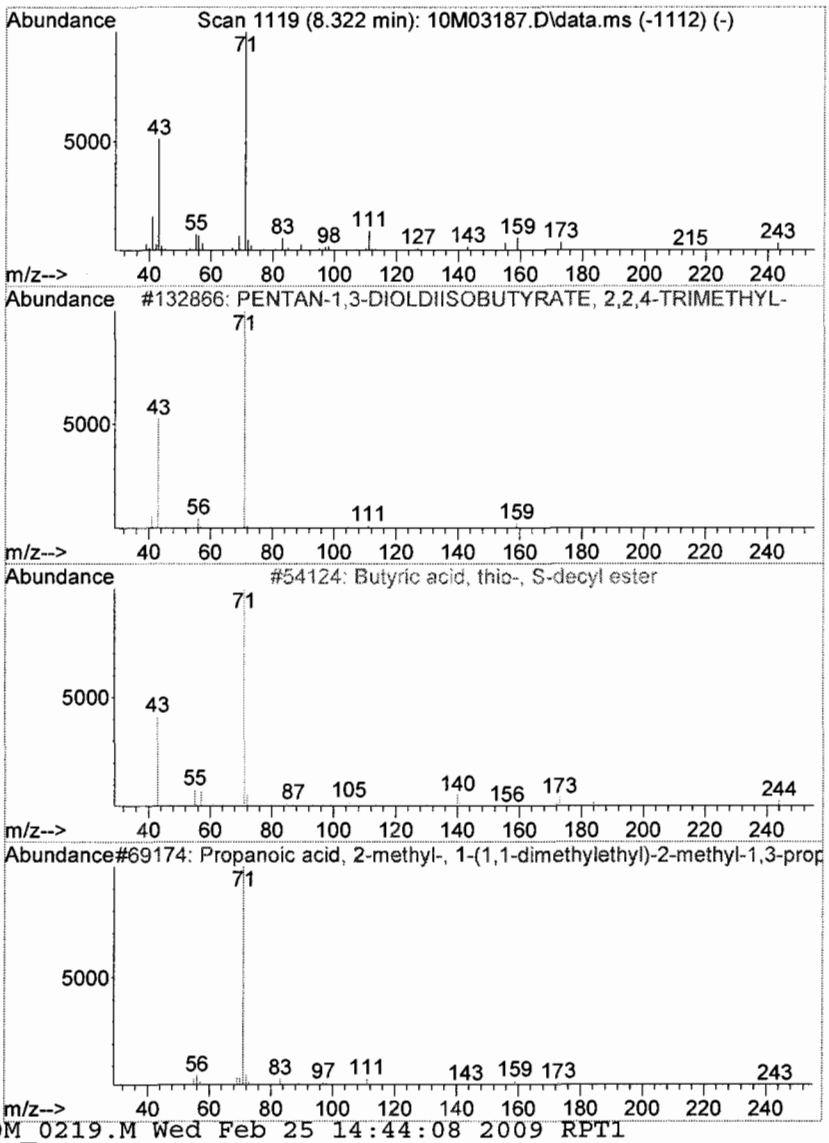
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

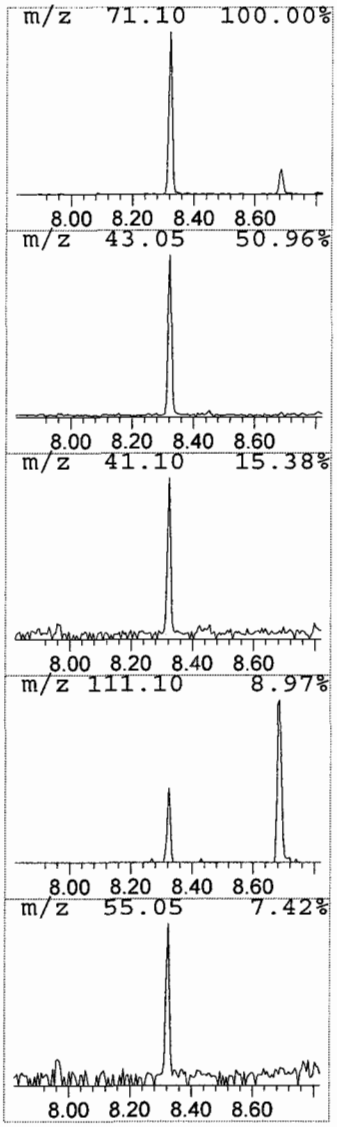
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butyric acid, thio-, S-decy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	4.39 ng	83835	Acenaphthene-d10	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	PENTAN-1,3-DIOLDIISOBUTYRATE, 2,...	286	C16H30O4	000000-00-0	64
2	Butyric acid, thio-, S-decyl ester	244	C14H28OS	002432-55-5	59
3	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	43
4	Borinic acid, diethyl-, methyl e...	100	C5H13BO	007397-46-8	42
5	Propanoic acid, 2-methyl-, 2-eth...	286	C16H30O4	074367-30-9	39





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

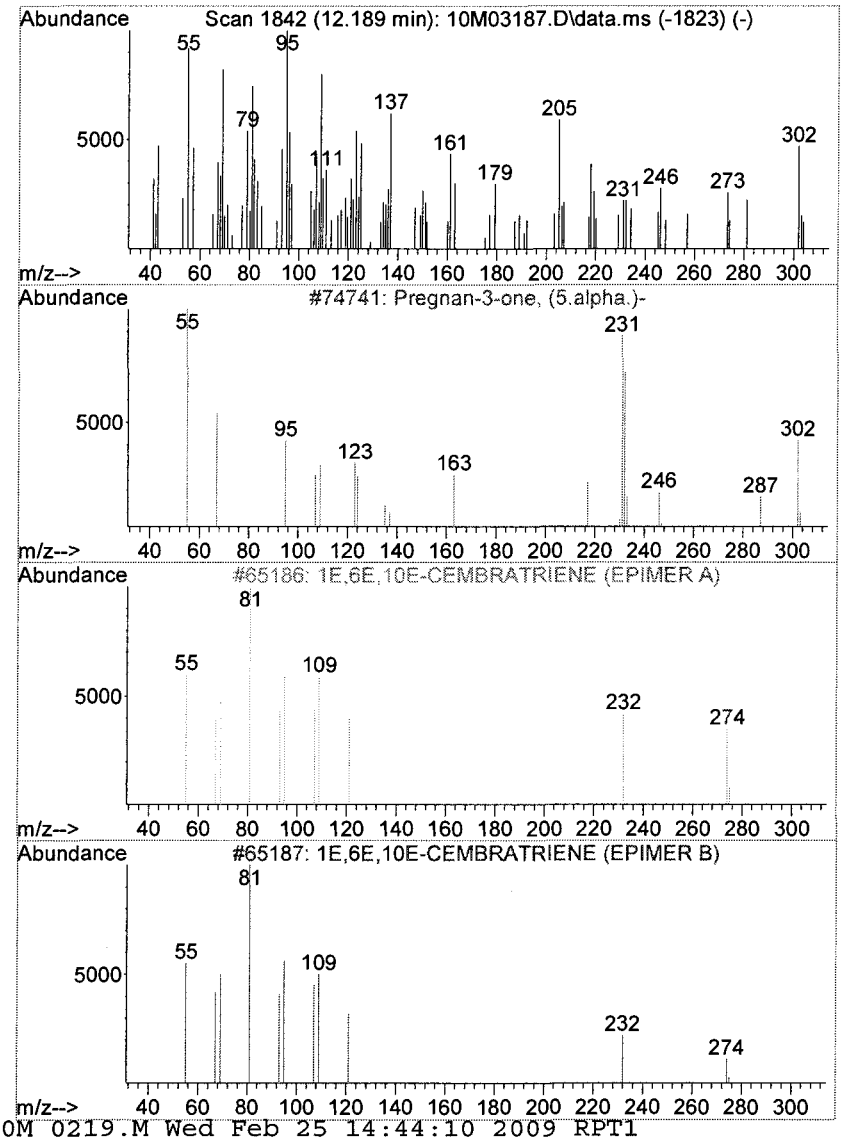
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

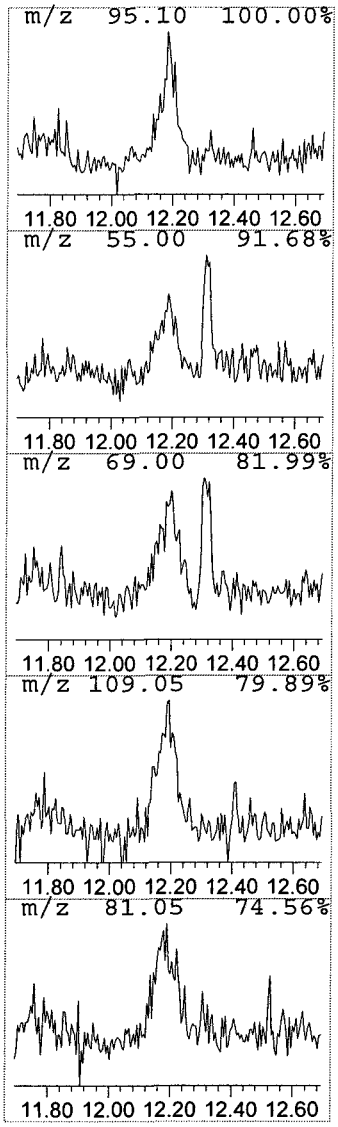
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	6.98 ng	124402	Chrysene-d12	12.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregnan-3-one, (5.alpha.)-	302	C21H34O	014778-11-1	46
2	1E,6E,10E-CEMBRATRIENE (EPIMER A)	274	C20H34	061527-66-0	38
3	1E,6E,10E-CEMBRATRIENE (EPIMER B)	274	C20H34	061527-67-1	30
4	PODOCARP-12-EN-14-ONE	246	C17H26O	057684-15-8	27
5	2(1H)-Naphthalenone, 5-[2-(3-fur...	302	C20H30O2	059742-40-4	22





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03187.D
Acq On : 24 Feb 2009 21:38
Operator : AHD
Sample : AC42868-005
Misc : S,BNA
ALS Vial : 28 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc
unknown	3.70	13.5	ng	132722	1 5.56	5.56	392015	40.0
2-Pentanone, 4-hy...	4.04	1888.0	ng	18502800	1 5.56	5.56	392015	40.0
unknown	4.75	8.0	ng	77947	1 5.56	5.56	392015	40.0
Butyric acid, thi...	8.32	4.4	ng	83835	3 7.96	7.96	763774	40.0
unknown	12.19	7.0	ng	124402	5 12.41	12.41	713010	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 5M49083.D
Analysis Date: 02/24/09 21:03
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 109909

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 5M49083.D
Analysis Date: 02/24/09 21:03
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109909

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

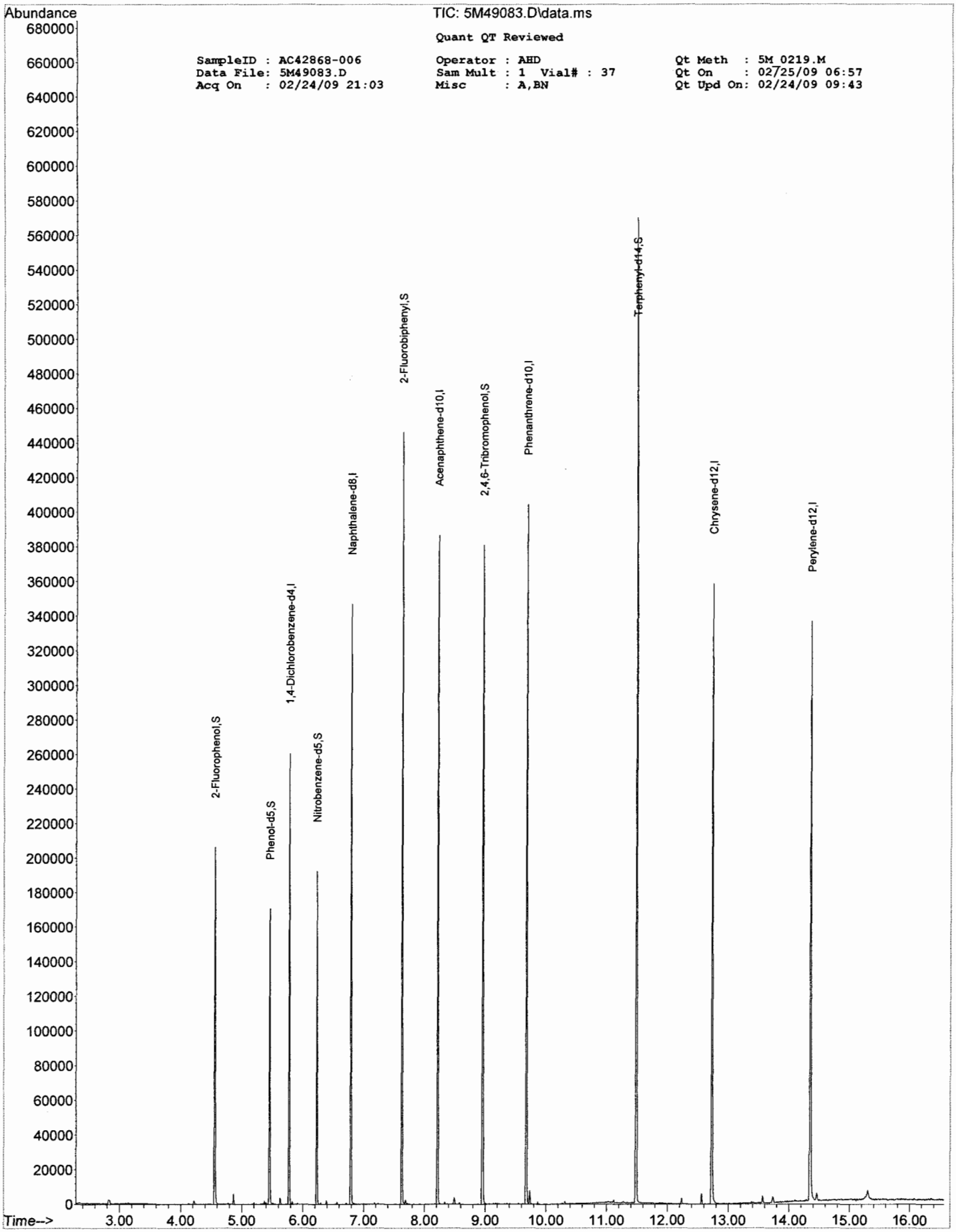
SampleID : AC42868-006 Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49083.D Sam Mult : 1 Vial# : 37 Qt On : 02/25/09 06:57
Acq On : 02/24/09 21:03 Misc : A,BN Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.776	152	35517	40.00	ng	-0.02
23) Naphthalene-d8	6.791	136	138523	40.00	ng	-0.02
41) Acenaphthene-d10	8.223	164	85541	40.00	ng	-0.02
67) Phenanthrene-d10	9.681	188	150090	40.00	ng	-0.02
81) Chrysene-d12	12.731	240	152127	40.00	ng	-0.02
96) Perylene-d12	14.350	264	148104	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.563	112	61637	53.12	ng	-0.01
Spiked Amount 100.000			Recovery = 53.12%			
9) Phenol-d5	5.461	99	58729	39.46	ng	-0.01
Spiked Amount 100.000			Recovery = 39.46%			
24) Nitrobenzene-d5	6.230	128	25839	43.29	ng	-0.01
Spiked Amount 50.000			Recovery = 86.58%			
46) 2-Fluorobiphenyl	7.635	172	128125	43.38	ng	-0.01
Spiked Amount 50.000			Recovery = 86.76%			
70) 2,4,6-Tribromophenol	8.960	330	50235	111.42	ng	-0.02
Spiked Amount 100.000			Recovery = 111.42%			
84) Terphenyl-d14	11.487	244	215104	50.07	ng	-0.02
Spiked Amount 50.000			Recovery = 100.14%			
Target Compounds						Qvalue
Library Search Compounds						

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

16


Abundance
TIC: 5M49083.D\data.ms
Quant QT Reviewed
SampleID : AC42868-006
Data File: 5M49083.D
Acq On : 02/24/09 21:03
Operator : AHD
Sam Mult : 1 Vial# : 37
Misc : A,BN
Qt Meth : 5M_0219.M
Qt On : 02/25/09 06:57
Qt Upd On: 02/24/09 09:43
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49083.D
Acq On : 24 Feb 2009 21:03
Operator : AHD
Sample : AC42868-006
Misc : A,BN
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

Signal : TIC: 5M49083.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.373	14	17	19	rVB3	324	337	0.06%	0.009%
2	2.437	27	29	31	rVB2	356	309	0.06%	0.008%
3	2.464	33	34	40	rBV2	384	511	0.09%	0.013%
4	2.501	40	41	44	rVB	640	339	0.06%	0.009%
5	2.522	44	45	46	rBV	406	254	0.05%	0.007%
6	2.565	52	53	54	rBV	412	137	0.02%	0.004%
7	2.603	58	60	61	rVV	375	202	0.04%	0.005%
8	2.624	61	64	66	rVV2	291	326	0.06%	0.009%
9	2.640	66	67	69	rVB	309	180	0.03%	0.005%
10	2.693	75	77	78	rVB	430	268	0.05%	0.007%
11	2.720	78	82	86	rBV3	394	759	0.14%	0.020%
12	2.790	94	95	97	rVB	404	152	0.03%	0.004%
13	2.822	97	101	102	rBV	2443	2164	0.39%	0.057%
14	2.886	112	113	115	rBV	272	170	0.03%	0.004%
15	2.902	115	116	118	rVB	241	85	0.02%	0.002%
16	2.923	118	120	122	rBV	291	291	0.05%	0.008%
17	2.976	129	130	132	rBV	259	119	0.02%	0.003%
18	3.003	134	135	137	rVB	258	146	0.03%	0.004%
19	3.019	137	138	140	rBV2	287	239	0.04%	0.006%
20	3.041	140	142	143	rVB	310	160	0.03%	0.004%
21	3.057	143	145	147	rBV	359	326	0.06%	0.009%
22	3.073	147	148	150	rVV	241	138	0.03%	0.004%
23	3.110	153	155	156	rVB	530	259	0.05%	0.007%
24	3.131	158	159	160	rBV	294	151	0.03%	0.004%
25	3.147	160	162	166	rVV2	695	565	0.10%	0.015%
26	3.174	166	167	168	rVB2	170	54	0.01%	0.001%
27	3.217	174	175	176	rBV	308	114	0.02%	0.003%
28	3.233	176	178	180	rVV	267	257	0.05%	0.007%
29	3.276	184	186	187	rVV	270	242	0.04%	0.006%
30	3.308	190	192	193	rVV	216	138	0.03%	0.004%
31	3.329	193	196	197	rVV	363	263	0.05%	0.007%
32	3.361	200	202	204	rVV	325	173	0.03%	0.005%
33	3.388	204	207	209	rVV	276	220	0.04%	0.006%
34	3.425	213	214	215	rVV	218	95	0.02%	0.002%
35	3.441	215	217	218	rVV	243	131	0.02%	0.003%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49083.D
Acq On : 24 Feb 2009 21:03
Operator : AHD
Sample : AC42868-006
Misc : A,BN
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

36	3.463	218	221	223	rVB	181	142	0.03%	0.004%
37	3.511	229	230	231	rBV	328	159	0.03%	0.004%
38	3.580	242	243	244	rBB	157	50	0.01%	0.001%
39	3.591	244	245	246	rBB	166	53	0.01%	0.001%
40	3.628	251	252	253	rBB	238	76	0.01%	0.002%
41	3.639	253	254	256	rBB	194	112	0.02%	0.003%
42	3.660	257	258	261	rBB	159	150	0.03%	0.004%
43	3.682	261	262	263	rBB	189	61	0.01%	0.002%
44	3.724	268	270	271	rBB	157	50	0.01%	0.001%
45	3.735	271	272	273	rBB	183	59	0.01%	0.002%
46	3.772	278	279	280	rBB	202	65	0.01%	0.002%
47	3.799	283	284	285	rBB	200	64	0.01%	0.002%
48	3.831	288	290	292	rBB	183	165	0.03%	0.004%
49	3.847	292	293	294	rBB	175	56	0.01%	0.001%
50	3.879	298	299	300	rBB	175	56	0.01%	0.001%
51	3.895	300	302	303	rBB	196	118	0.02%	0.003%
52	3.911	303	305	306	rBB	165	101	0.02%	0.003%
53	3.943	310	311	313	rBB	177	109	0.02%	0.003%
54	4.002	321	322	324	rBB	158	101	0.02%	0.003%
55	4.029	325	327	328	rBB	153	49	0.01%	0.001%
56	4.040	328	329	330	rBB	154	49	0.01%	0.001%
57	4.130	343	346	349	rBB	605	512	0.09%	0.013%
58	4.152	349	350	353	rBB	156	99	0.02%	0.003%
59	4.200	358	359	360	rBB	173	55	0.01%	0.001%
60	4.221	360	363	368	rBB	2228	2307	0.42%	0.060%
61	4.307	377	379	380	rBB	174	107	0.02%	0.003%
62	4.328	381	383	385	rBB	171	110	0.02%	0.003%
63	4.456	405	407	409	rBB	168	156	0.03%	0.004%
64	4.478	410	411	412	rBB	348	112	0.02%	0.003%
65	4.488	412	413	415	rBB	199	112	0.02%	0.003%
66	4.563	423	427	439	rBB	206388	200975	36.65%	5.249%
67	4.633	439	440	441	rBB	180	58	0.01%	0.002%
68	4.750	461	462	463	rBB	170	54	0.01%	0.001%
69	4.761	463	464	465	rBB	183	59	0.01%	0.002%
70	4.782	466	468	470	rBB	664	407	0.07%	0.011%
71	4.868	481	484	489	rBB	6126	4613	0.84%	0.120%
72	5.177	541	542	543	rBB	165	53	0.01%	0.001%
73	5.204	543	547	549	rBB	1041	730	0.13%	0.019%
74	5.316	567	568	570	rBB	391	240	0.04%	0.006%
75	5.348	571	574	576	rBB	455	230	0.04%	0.006%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49083.D
Acq On : 24 Feb 2009 21:03
Operator : AHD
Sample : AC42868-006
Misc : A,BN
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

76	5.375	577	579	582	rBB	1864	1257	0.23%	0.033%
77	5.402	582	584	586	rBB	1005	540	0.10%	0.014%
78	5.461	591	595	603	rVV	170738	155131	28.29%	4.051%
79	5.514	603	605	607	rVB	645	514	0.09%	0.013%
80	5.541	608	610	612	rBB	154	98	0.02%	0.003%
81	5.626	624	626	630	rBB	3665	3176	0.58%	0.083%
82	5.776	650	654	658	rBV	260701	199305	36.34%	5.205%
83	5.829	661	664	666	rBB	1510	951	0.17%	0.025%
84	5.915	679	680	682	rBB	666	305	0.06%	0.008%
85	6.230	735	739	743	rBV	192629	153029	27.91%	3.997%
86	6.299	750	752	753	rBB	954	610	0.11%	0.016%
87	6.390	767	769	771	rBB	2329	1552	0.28%	0.041%
88	6.566	800	802	804	rBB	1351	753	0.14%	0.020%
89	6.716	828	830	832	rBB	866	392	0.07%	0.010%
90	6.791	841	844	848	rBV	346711	275680	50.27%	7.200%
91	7.005	883	884	886	rBB	344	215	0.04%	0.006%
92	7.181	915	917	919	rBB	845	510	0.09%	0.013%
93	7.245	927	929	930	rBB	635	341	0.06%	0.009%
94	7.507	977	978	980	rBB	248	141	0.03%	0.004%
95	7.635	998	1002	1006	rBV	446257	350457	63.91%	9.153%
96	7.694	1010	1013	1016	rVV	2513	2534	0.46%	0.066%
97	7.720	1016	1018	1021	rVB	550	515	0.09%	0.013%
98	7.742	1021	1022	1024	rBV	188	162	0.03%	0.004%
99	7.758	1024	1025	1026	rVB	198	63	0.01%	0.002%
100	7.923	1055	1056	1058	rBB	179	106	0.02%	0.003%
101	8.174	1101	1103	1104	rBB	416	256	0.05%	0.007%
102	8.223	1107	1112	1116	rBV	386595	347242	63.32%	9.069%
103	8.340	1132	1134	1136	rBB	1302	930	0.17%	0.024%
104	8.495	1157	1163	1168	rBB	3777	4198	0.77%	0.110%
105	8.581	1177	1179	1183	rBB	805	769	0.14%	0.020%
106	8.960	1245	1250	1259	rBV	380972	357006	65.10%	9.324%
107	9.067	1267	1270	1272	rBB	287	282	0.05%	0.007%
108	9.083	1272	1273	1274	rBB	153	49	0.01%	0.001%
109	9.136	1281	1283	1287	rBB	631	562	0.10%	0.015%
110	9.173	1288	1290	1293	rBB	685	577	0.11%	0.015%
111	9.206	1294	1296	1298	rBB	532	356	0.06%	0.009%
112	9.280	1308	1310	1311	rBB	223	121	0.02%	0.003%
113	9.323	1316	1318	1320	rBB	511	344	0.06%	0.009%
114	9.366	1323	1326	1328	rBB	636	520	0.09%	0.014%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49083.D
Acq On : 24 Feb 2009 21:03
Operator : AHD
Sample : AC42868-006
Misc : A,BN
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

115	9.409	1332	1334	1336	rBB	411	241	0.04%	0.006%
116	9.553	1359	1361	1363	rBB	440	343	0.06%	0.009%
117	9.622	1372	1374	1376	rBB	164	156	0.03%	0.004%
118	9.638	1376	1377	1380	rBB	154	49	0.01%	0.001%
119	9.681	1380	1385	1392	rBV	404416	380350	69.36%	9.933%
120	9.740	1392	1396	1402	rVB	7841	7259	1.32%	0.190%
121	9.868	1417	1420	1423	rBB	1653	1317	0.24%	0.034%
122	9.889	1423	1424	1427	rBB	337	214	0.04%	0.006%
123	10.103	1463	1464	1465	rBB	331	106	0.02%	0.003%
124	10.114	1465	1466	1468	rBB	168	106	0.02%	0.003%
125	10.151	1471	1473	1474	rBB	168	106	0.02%	0.003%
126	10.162	1474	1475	1477	rBB	210	118	0.02%	0.003%
127	10.178	1477	1478	1480	rBB	207	124	0.02%	0.003%
128	10.194	1480	1481	1483	rBB	310	147	0.03%	0.004%
129	10.221	1483	1486	1487	rBB	217	186	0.03%	0.005%
130	10.242	1488	1490	1491	rBB	311	158	0.03%	0.004%
131	10.274	1493	1496	1497	rBB	842	434	0.08%	0.011%
132	10.295	1497	1500	1501	rBV	386	343	0.06%	0.009%
133	10.317	1501	1504	1510	rVB	1665	1579	0.29%	0.041%
134	10.354	1510	1511	1514	rVB	182	132	0.02%	0.003%
135	10.392	1514	1518	1522	rBV2	301	527	0.10%	0.014%
136	10.440	1525	1527	1530	rBV	300	324	0.06%	0.008%
137	10.498	1536	1538	1539	rBV	146	82	0.01%	0.002%
138	10.648	1564	1566	1569	rBV2	254	153	0.03%	0.004%
139	10.765	1586	1588	1589	rBV	214	93	0.02%	0.002%
140	10.904	1612	1614	1615	rVB	268	109	0.02%	0.003%
141	11.123	1652	1655	1658	rVB2	1639	1549	0.28%	0.040%
142	11.278	1683	1684	1686	rVB	728	385	0.07%	0.010%
143	11.412	1707	1709	1710	rVB2	345	133	0.02%	0.003%
144	11.487	1719	1723	1728	rBV	568950	548383	100.00%	14.322%
145	11.636	1750	1751	1752	rBV	314	153	0.03%	0.004%
146	11.668	1756	1757	1759	rBV2	319	171	0.03%	0.004%
147	11.919	1803	1804	1806	rVB	237	87	0.02%	0.002%
148	12.021	1821	1823	1825	rBV	306	233	0.04%	0.006%
149	12.064	1828	1831	1832	rVB	314	211	0.04%	0.006%
150	12.085	1832	1835	1837	rVB	163	146	0.03%	0.004%
151	12.133	1841	1844	1845	rVB	361	266	0.05%	0.007%
152	12.149	1845	1847	1848	rBB	169	106	0.02%	0.003%
153	12.170	1848	1851	1853	rBB	201	220	0.04%	0.006%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49083.D
Acq On : 24 Feb 2009 21:03
Operator : AHD
Sample : AC42868-006
Misc : A,BN
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

154	12.197	1853	1856	1857	rBV	483	377	0.07%	0.010%
155	12.219	1857	1860	1861	rVB	477	320	0.06%	0.008%
156	12.235	1861	1863	1868	rBV	3397	3156	0.58%	0.082%
157	12.293	1871	1874	1877	rBB	194	228	0.04%	0.006%
158	12.320	1878	1879	1880	rBB	180	58	0.01%	0.002%
159	12.352	1884	1885	1886	rBB	213	68	0.01%	0.002%
160	12.363	1886	1887	1889	rBV	356	228	0.04%	0.006%
161	12.406	1893	1895	1897	rBB	209	173	0.03%	0.005%
162	12.432	1898	1900	1901	rBB	195	114	0.02%	0.003%
163	12.443	1901	1902	1905	rBB	193	170	0.03%	0.004%
164	12.480	1906	1909	1910	rBV	214	245	0.04%	0.006%
165	12.507	1912	1914	1916	rBB	184	171	0.03%	0.004%
166	12.523	1916	1917	1918	rBV	204	118	0.02%	0.003%
167	12.566	1921	1925	1928	rVB	5916	5507	1.00%	0.144%
168	12.625	1934	1936	1939	rVB	526	311	0.06%	0.008%
169	12.651	1940	1941	1944	rBV	226	242	0.04%	0.006%
170	12.673	1944	1945	1946	rVV	86	37	0.01%	0.001%
171	12.731	1951	1956	1971	rVV	358628	357886	65.26%	9.347%
172	12.817	1971	1972	1974	rVV	443	298	0.05%	0.008%
173	12.838	1974	1976	1978	rVV	516	293	0.05%	0.008%
174	12.854	1978	1979	1981	rVV	278	137	0.02%	0.004%
175	12.876	1981	1983	1984	rVB	134	59	0.01%	0.002%
176	12.902	1987	1988	1989	rVB	206	66	0.01%	0.002%
177	12.913	1989	1990	1992	rVB	133	72	0.01%	0.002%
178	12.934	1992	1994	1997	rBV	346	328	0.06%	0.009%
179	12.966	1997	2000	2001	rBV	101	103	0.02%	0.003%
180	12.977	2001	2002	2003	rVB	216	69	0.01%	0.002%
181	13.009	2007	2008	2012	rBV	417	415	0.08%	0.011%
182	13.095	2023	2024	2026	rBV	279	129	0.02%	0.003%
183	13.121	2026	2029	2030	rVV	248	170	0.03%	0.004%
184	13.164	2034	2037	2038	rVV	159	110	0.02%	0.003%
185	13.180	2038	2040	2042	rVB	342	162	0.03%	0.004%
186	13.202	2042	2044	2049	rVB	359	303	0.06%	0.008%
187	13.234	2049	2050	2051	rVB	277	89	0.02%	0.002%
188	13.244	2051	2052	2054	rBV	561	405	0.07%	0.011%
189	13.266	2054	2056	2059	rVB2	417	335	0.06%	0.009%
190	13.287	2059	2060	2062	rBV	442	264	0.05%	0.007%
191	13.303	2062	2063	2066	rVB	417	319	0.06%	0.008%
192	13.330	2066	2068	2070	rBV2	455	413	0.08%	0.011%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49083.D
Acq On : 24 Feb 2009 21:03
Operator : AHD
Sample : AC42868-006
Misc : A,BN
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

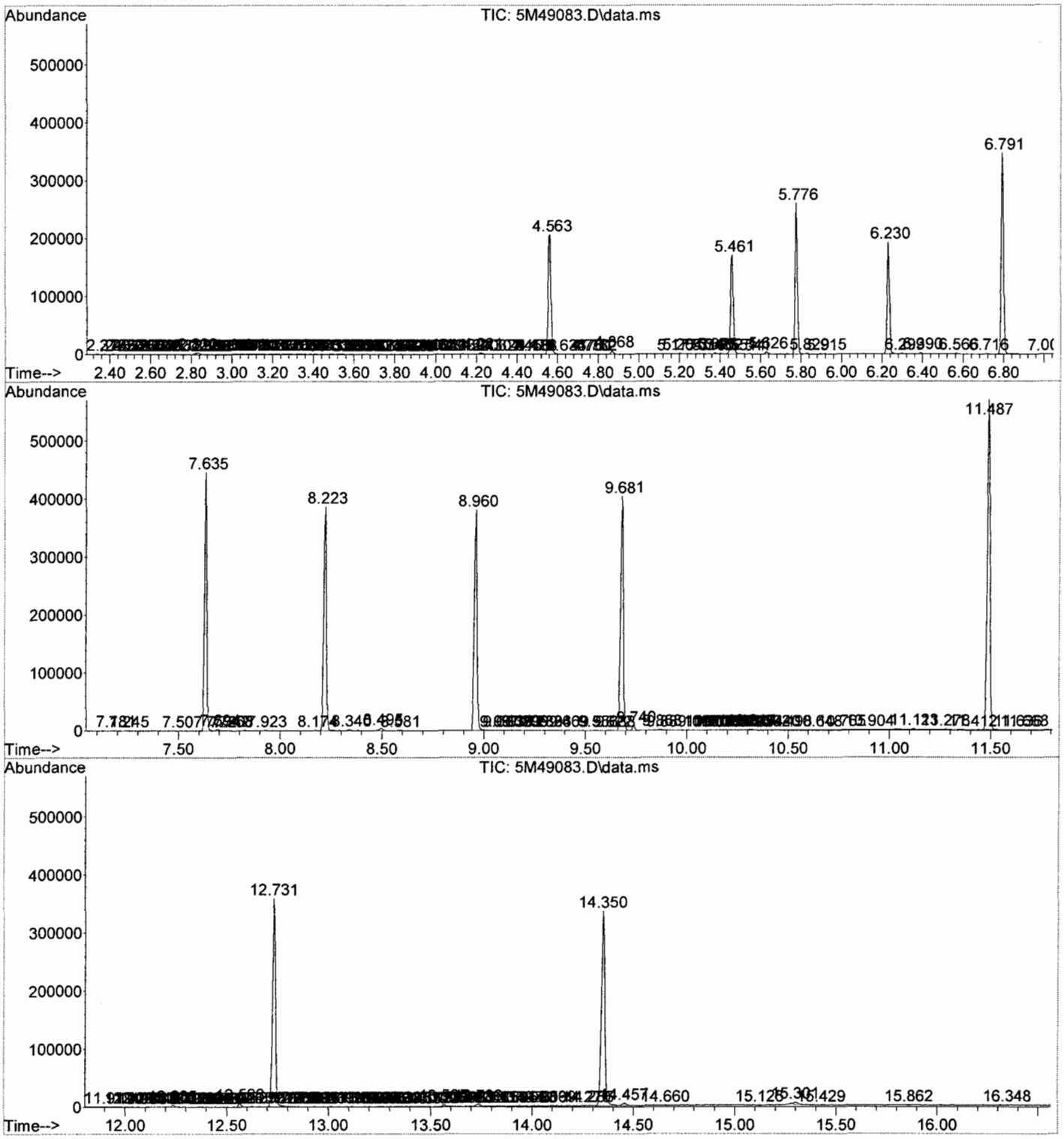
193	13.383	2076	2078	2080	rVB	950	690	0.13%	0.018%
194	13.410	2082	2083	2085	rVV	601	434	0.08%	0.011%
195	13.437	2087	2088	2091	rBV	416	360	0.07%	0.009%
196	13.522	2102	2104	2106	rBV	403	423	0.08%	0.011%
197	13.565	2109	2112	2116	rVV	3908	3097	0.56%	0.081%
198	13.624	2122	2123	2124	rBV	360	159	0.03%	0.004%
199	13.640	2124	2126	2127	rVB	559	322	0.06%	0.008%
200	13.650	2127	2128	2131	rBV2	560	538	0.10%	0.014%
201	13.677	2131	2133	2134	rBV	410	173	0.03%	0.005%
202	13.693	2134	2136	2138	rBV	452	431	0.08%	0.011%
203	13.736	2140	2144	2149	rBV2	3442	5225	0.95%	0.136%
204	13.811	2157	2158	2160	rVB	404	168	0.03%	0.004%
205	13.837	2160	2163	2165	rBV3	506	500	0.09%	0.013%
206	13.859	2165	2167	2170	rVB2	609	610	0.11%	0.016%
207	13.955	2184	2185	2187	rBV2	551	450	0.08%	0.012%
208	13.976	2187	2189	2191	rVV2	860	515	0.09%	0.013%
209	14.003	2192	2194	2197	rVV3	555	561	0.10%	0.015%
210	14.056	2202	2204	2207	rVV3	652	505	0.09%	0.013%
211	14.099	2210	2212	2215	rVB2	987	866	0.16%	0.023%
212	14.270	2242	2244	2245	rVB	616	203	0.04%	0.005%
213	14.286	2245	2247	2248	rBV2	953	460	0.08%	0.012%
214	14.350	2253	2259	2273	rVV	335084	390844	71.27%	10.207%
215	14.457	2275	2279	2286	rVB4	4578	6258	1.14%	0.163%
216	14.660	2315	2317	2319	rBV2	888	692	0.13%	0.018%
217	15.125	2401	2404	2405	rBV3	1151	1012	0.18%	0.026%
218	15.301	2435	2437	2443	rVB6	4715	5701	1.04%	0.149%
219	15.429	2459	2461	2463	rBV3	1040	963	0.18%	0.025%
220	15.862	2540	2542	2544	rBV2	841	627	0.11%	0.016%
221	16.348	2631	2633	2635	rBV3	1050	838	0.15%	0.022%

Sum of corrected areas: 3829029

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49083.D
Acq On : 24 Feb 2009 21:03
Operator : AHD
Sample : AC42868-006
Misc : A,BN
ALS Vial : 37 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Quant Title : @GCMS_5,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49083.D
Acq On : 24 Feb 2009 21:03
Operator : AHD
Sample : AC42868-006
Misc : A,BN
ALS Vial : 37 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Quant Title : @GCMS_5,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-008
Client Id: WB-3 GW
Data File: 5M49084.D
Analysis Date: 02/24/09 21:25
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 109909

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-008	Matrix: Aqueous
Client Id: WB-3 GW	Initial Vol: 900ml
Data File: 5M49084.D	Final Vol: 1ml
Analysis Date: 02/24/09 21:25	Dilution: 1
Date Rec/Extracted: 02/20/09-02/24/09	Solids:
	Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109909

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

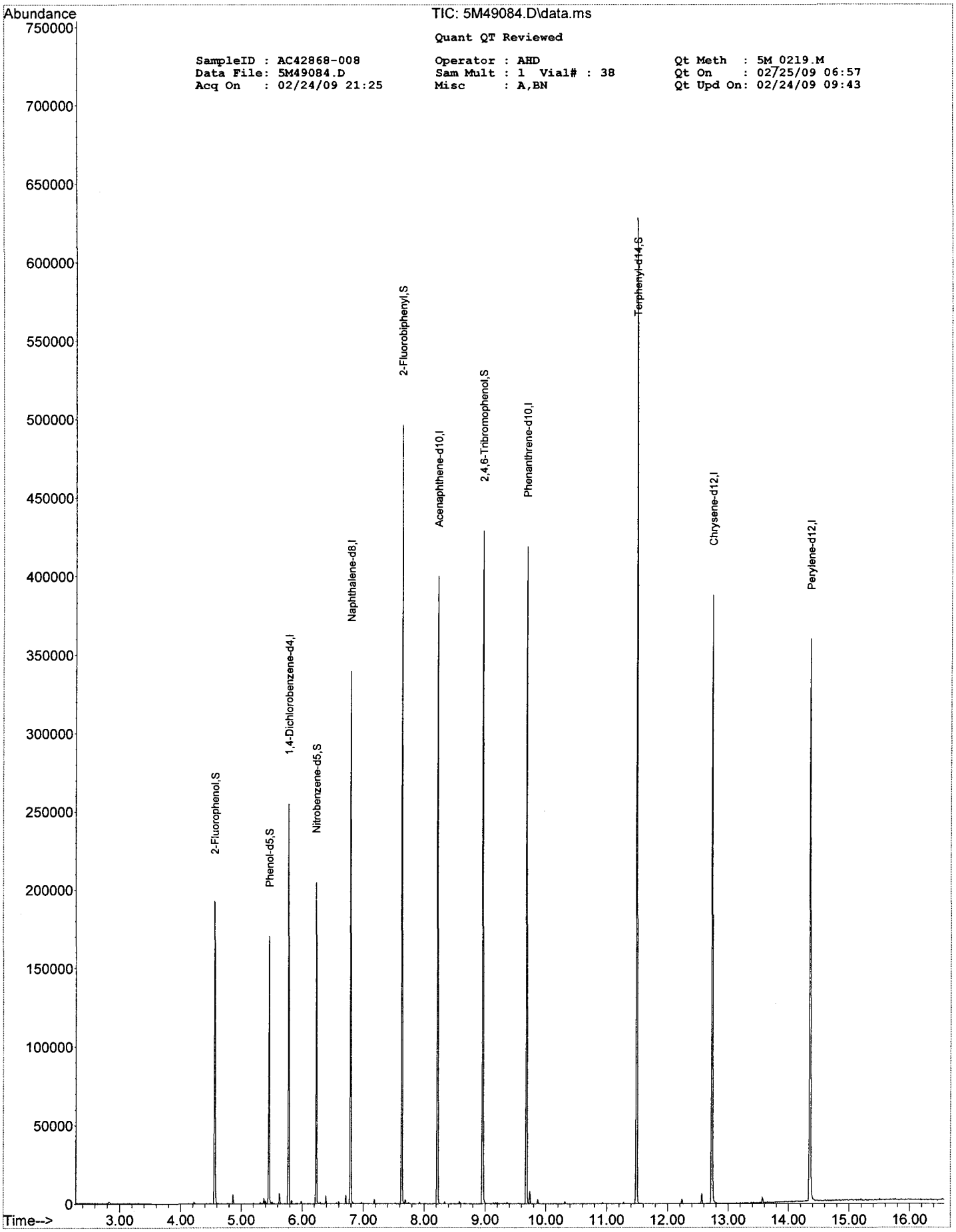
Quantitation Report (QT Reviewed)

SampleID : AC42868-008 Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49084.D Sam Mult : 1 Vial# : 38 Qt On : 02/25/09 06:57
Acq On : 02/24/09 21:25 Misc : A,BN Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.776	152	35045	40.00	ng	-0.02
23) Naphthalene-d8	6.791	136	138783	40.00	ng	-0.02
41) Acenaphthene-d10	8.223	164	88863	40.00	ng	-0.02
67) Phenanthrene-d10	9.681	188	159033	40.00	ng	-0.02
81) Chrysene-d12	12.731	240	169947	40.00	ng	-0.02
96) Perylene-d12	14.350	264	162614	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.563	112	59233	51.73	ng	-0.01
Spiked Amount 100.000			Recovery = 51.73%			
9) Phenol-d5	5.461	99	57485	39.14	ng	-0.01
Spiked Amount 100.000			Recovery = 39.14%			
24) Nitrobenzene-d5	6.230	128	27343	45.73	ng	-0.01
Spiked Amount 50.000			Recovery = 91.46%			
46) 2-Fluorobiphenyl	7.635	172	135075	44.02	ng	-0.01
Spiked Amount 50.000			Recovery = 88.04%			
70) 2,4,6-Tribromophenol	8.960	330	55283	115.72	ng	-0.02
Spiked Amount 100.000			Recovery = 115.72%			
84) Terphenyl-d14	11.487	244	242787	50.58	ng	-0.02
Spiked Amount 50.000			Recovery = 101.16%			
Target Compounds						Qvalue
Library Search Compounds						

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


Abundance
TIC: 5M49084.D\data.ms
Quant QT Reviewed
SampleID : AC42868-008
Data File: 5M49084.D
Acq On : 02/24/09 21:25
Operator : AHD
Sam Mult : 1 Vial# : 38
Misc : A,BN
Qt Meth : 5M_0219.M
Qt On : 02/25/09 06:57
Qt Upd On: 02/24/09 09:43
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49084.D
Acq On : 24 Feb 2009 21:25
Operator : AHD
Sample : AC42868-008
Misc : A,BN
ALS Vial : 38 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

Signal : TIC: 5M49084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.319	5	7	8	rBV	524	252	0.04%	0.006%
2	2.335	8	10	12	rVB	261	178	0.03%	0.004%
3	2.373	12	17	18	rBV	460	592	0.10%	0.015%
4	2.421	24	26	27	rBV	343	207	0.03%	0.005%
5	2.453	31	32	33	rVV	173	56	0.01%	0.001%
6	2.469	33	35	37	rVV	252	189	0.03%	0.005%
7	2.501	39	41	42	rVB	665	408	0.07%	0.010%
8	2.517	42	44	49	rBV3	782	1040	0.17%	0.026%
9	2.565	49	53	57	rBV2	476	809	0.13%	0.020%
10	2.597	57	59	61	rBV	246	227	0.04%	0.006%
11	2.693	76	77	79	rVB	231	80	0.01%	0.002%
12	2.715	79	81	82	rBV	206	127	0.02%	0.003%
13	2.731	82	84	85	rVB	524	252	0.04%	0.006%
14	2.741	85	86	87	rBV	251	135	0.02%	0.003%
15	2.795	92	96	97	rBV	628	619	0.10%	0.015%
16	2.832	99	103	109	rVB3	1025	1885	0.31%	0.047%
17	2.870	109	110	113	rBV2	236	224	0.04%	0.006%
18	2.976	128	130	131	rBV	261	201	0.03%	0.005%
19	3.009	135	136	139	rBV	266	264	0.04%	0.007%
20	3.035	139	141	143	rVV	166	130	0.02%	0.003%
21	3.067	146	147	148	rVV	201	81	0.01%	0.002%
22	3.099	151	153	154	rBV	213	153	0.02%	0.004%
23	3.153	161	163	164	rBV	342	267	0.04%	0.007%
24	3.179	167	168	170	rVB	249	83	0.01%	0.002%
25	3.195	170	171	173	rBV	259	219	0.04%	0.005%
26	3.233	177	178	180	rVV	254	103	0.02%	0.003%
27	3.254	180	182	183	rVV	263	172	0.03%	0.004%
28	3.297	187	190	191	rVV2	313	268	0.04%	0.007%
29	3.308	191	192	194	rVV2	492	284	0.05%	0.007%
30	3.329	194	196	200	rVV	454	476	0.08%	0.012%
31	3.356	200	201	203	rVV	309	188	0.03%	0.005%
32	3.388	206	207	209	rVV	339	202	0.03%	0.005%
33	3.404	209	210	211	rVV	287	127	0.02%	0.003%
34	3.420	211	213	214	rVV	202	153	0.02%	0.004%
35	3.431	214	215	217	rVV	367	224	0.04%	0.006%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49084.D
Acq On : 24 Feb 2009 21:25
Operator : AHD
Sample : AC42868-008
Misc : A,BN
ALS Vial : 38 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

36	3.457	219	220	222	rVB	366	199	0.03%	0.005%
37	3.479	222	224	226	rBV	208	240	0.04%	0.006%
38	3.500	226	228	229	rVV	235	178	0.03%	0.004%
39	3.511	229	230	231	rVB	360	115	0.02%	0.003%
40	3.559	237	239	240	rBB	176	108	0.02%	0.003%
41	3.601	245	247	248	rBB	183	108	0.02%	0.003%
42	3.612	248	249	250	rBB	176	56	0.01%	0.001%
43	3.628	251	252	253	rBB	155	50	0.01%	0.001%
44	3.639	253	254	255	rBB	159	51	0.01%	0.001%
45	4.130	345	346	349	rBB	218	193	0.03%	0.005%
46	4.221	361	363	367	rBB	1167	994	0.16%	0.025%
47	4.424	399	401	402	rBB	323	159	0.03%	0.004%
48	4.472	409	410	411	rBB	165	53	0.01%	0.001%
49	4.488	411	413	415	rBB	203	168	0.03%	0.004%
50	4.558	423	426	436	rBV	192838	190201	30.88%	4.712%
51	4.633	439	440	442	rBB	150	48	0.01%	0.001%
52	4.782	465	468	470	rBB	535	403	0.07%	0.010%
53	4.868	481	484	488	rBB	6076	4580	0.74%	0.113%
54	5.204	545	547	549	rBB	560	341	0.06%	0.008%
55	5.316	566	568	571	rBB	980	603	0.10%	0.015%
56	5.348	572	574	575	rBB	430	208	0.03%	0.005%
57	5.375	576	579	582	rBV	3586	2571	0.42%	0.064%
58	5.402	582	584	587	rVV	1915	1351	0.22%	0.033%
59	5.461	591	595	601	rVV	170302	153003	24.84%	3.791%
60	5.509	603	604	607	rVB	1237	850	0.14%	0.021%
61	5.626	624	626	631	rBB2	6549	5671	0.92%	0.141%
62	5.776	650	654	658	rBV	254813	196900	31.97%	4.878%
63	5.829	661	664	666	rBB2	2299	1721	0.28%	0.043%
64	5.915	679	680	682	rBB2	526	308	0.05%	0.008%
65	5.984	691	693	695	rBB	1613	971	0.16%	0.024%
66	6.230	735	739	743	rBV	204792	161375	26.20%	3.998%
67	6.299	750	752	754	rBB	970	630	0.10%	0.016%
68	6.390	767	769	772	rBB	5290	3008	0.49%	0.075%
69	6.566	800	802	804	rBB	613	355	0.06%	0.009%
70	6.598	807	808	810	rBB	1397	677	0.11%	0.017%
71	6.716	828	830	833	rBB	5523	3451	0.56%	0.086%
72	6.791	841	844	848	rBV	339536	278291	45.19%	6.895%
73	6.860	856	857	858	rBV	175	104	0.02%	0.003%
74	6.876	858	860	861	rVB	201	123	0.02%	0.003%
75	6.924	868	869	872	rBB	186	111	0.02%	0.003%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49084.D
Acq On : 24 Feb 2009 21:25
Operator : AHD
Sample : AC42868-008
Misc : A,BN
ALS Vial : 38 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

76	6.956	873	875	876	rBV	561	313	0.05%	0.008%
77	6.978	876	879	880	rVB	834	587	0.10%	0.015%
78	7.010	883	885	886	rBB	365	189	0.03%	0.005%
79	7.181	915	917	919	rBB	2995	2014	0.33%	0.050%
80	7.245	927	929	930	rBB	186	119	0.02%	0.003%
81	7.528	980	982	984	rBB	675	380	0.06%	0.009%
82	7.635	998	1002	1005	rBV	496130	372567	60.49%	9.231%
83	7.694	1009	1013	1016	rVB	2671	2478	0.40%	0.061%
84	7.747	1021	1023	1025	rVB	737	525	0.09%	0.013%
85	7.763	1025	1026	1027	rBB	181	58	0.01%	0.001%
86	7.929	1054	1057	1058	rBB	840	615	0.10%	0.015%
87	8.014	1071	1073	1074	rBB	329	163	0.03%	0.004%
88	8.169	1100	1102	1104	rBB	330	276	0.04%	0.007%
89	8.223	1107	1112	1116	rBV	399897	358074	58.14%	8.872%
90	8.340	1132	1134	1136	rBB	1312	805	0.13%	0.020%
91	8.580	1177	1179	1184	rBB	1486	1336	0.22%	0.033%
92	8.666	1193	1195	1197	rBB	482	270	0.04%	0.007%
93	8.960	1245	1250	1262	rBB	428661	393569	63.90%	9.751%
94	9.029	1262	1263	1264	rBB	182	58	0.01%	0.001%
95	9.067	1268	1270	1271	rBB	295	175	0.03%	0.004%
96	9.088	1272	1274	1276	rBB	200	121	0.02%	0.003%
97	9.136	1281	1283	1287	rBB	623	601	0.10%	0.015%
98	9.173	1288	1290	1294	rBB2	697	679	0.11%	0.017%
99	9.206	1294	1296	1299	rBB	720	522	0.08%	0.013%
100	9.232	1300	1301	1303	rBB	332	172	0.03%	0.004%
101	9.275	1308	1309	1311	rBB	214	127	0.02%	0.003%
102	9.291	1311	1312	1315	rBB	193	114	0.02%	0.003%
103	9.323	1316	1318	1322	rBB	467	454	0.07%	0.011%
104	9.366	1323	1326	1329	rBB	915	841	0.14%	0.021%
105	9.409	1332	1334	1336	rBB	330	207	0.03%	0.005%
106	9.547	1358	1360	1363	rBB	384	385	0.06%	0.010%
107	9.681	1380	1385	1390	rBV	418811	399978	64.94%	9.910%
108	9.740	1392	1396	1400	rVB	8002	7113	1.15%	0.176%
109	9.868	1417	1420	1423	rBB	2729	2022	0.33%	0.050%
110	10.317	1501	1504	1506	rBB	1296	1136	0.18%	0.028%
111	10.461	1528	1531	1532	rBB	269	229	0.04%	0.006%
112	10.936	1617	1620	1622	rBB	814	657	0.11%	0.016%
113	11.278	1682	1684	1686	rBB	916	613	0.10%	0.015%
114	11.487	1719	1723	1728	rBV	627954	615877	100.00%	15.259%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49084.D
Acq On : 24 Feb 2009 21:25
Operator : AHD
Sample : AC42868-008
Misc : A,BN
ALS Vial : 38 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

115	11.588	1741	1742	1744	rBB	168	103	0.02%	0.003%
116	12.213	1856	1859	1860	rBB	180	164	0.03%	0.004%
117	12.240	1860	1864	1867	rBB	2923	2856	0.46%	0.071%
118	12.325	1879	1880	1882	rBB	180	110	0.02%	0.003%
119	12.368	1886	1888	1889	rBB	165	103	0.02%	0.003%
120	12.379	1889	1890	1893	rBB	213	125	0.02%	0.003%
121	12.406	1894	1895	1896	rBV	262	144	0.02%	0.004%
122	12.448	1902	1903	1904	rBB	185	59	0.01%	0.001%
123	12.486	1907	1910	1911	rBB	204	116	0.02%	0.003%
124	12.496	1911	1912	1913	rBV	165	105	0.02%	0.003%
125	12.539	1919	1920	1921	rBB	238	76	0.01%	0.002%
126	12.566	1921	1925	1929	rBB	6634	6146	1.00%	0.152%
127	12.619	1934	1935	1937	rBB	187	112	0.02%	0.003%
128	12.641	1937	1939	1945	rBV	247	472	0.08%	0.012%
129	12.678	1945	1946	1948	rBV	69	48	0.01%	0.001%
130	12.731	1951	1956	1969	rBV	387619	397330	64.51%	9.844%
131	12.844	1975	1977	1978	rBV	239	147	0.02%	0.004%
132	12.881	1982	1984	1986	rVB	362	268	0.04%	0.007%
133	12.897	1986	1987	1989	rBV	251	210	0.03%	0.005%
134	12.913	1989	1990	1991	rVB	93	30	0.00%	0.001%
135	12.929	1991	1993	1994	rBV	170	80	0.01%	0.002%
136	12.945	1994	1996	1998	rVB	96	63	0.01%	0.002%
137	13.100	2023	2025	2028	rBV	106	70	0.01%	0.002%
138	13.137	2030	2032	2033	rBV	206	92	0.01%	0.002%
139	13.180	2037	2040	2041	rBV	138	131	0.02%	0.003%
140	13.207	2042	2045	2046	rVB	293	198	0.03%	0.005%
141	13.223	2046	2048	2049	rBV	94	68	0.01%	0.002%
142	13.244	2051	2052	2054	rVB	440	144	0.02%	0.004%
143	13.266	2054	2056	2057	rBV	216	165	0.03%	0.004%
144	13.314	2063	2065	2066	rVB	369	176	0.03%	0.004%
145	13.378	2075	2077	2078	rBV	399	137	0.02%	0.003%
146	13.394	2078	2080	2081	rVB	206	81	0.01%	0.002%
147	13.421	2081	2085	2088	rVB	521	555	0.09%	0.014%
148	13.447	2088	2090	2091	rBV	188	100	0.02%	0.002%
149	13.463	2091	2093	2094	rVB	267	153	0.02%	0.004%
150	13.517	2098	2103	2104	rBV	298	295	0.05%	0.007%
151	13.565	2110	2112	2115	rBV	3855	3040	0.49%	0.075%
152	13.591	2115	2117	2118	rVV	313	255	0.04%	0.006%
153	13.624	2122	2123	2125	rBV	471	308	0.05%	0.008%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49084.D
Acq On : 24 Feb 2009 21:25
Operator : AHD
Sample : AC42868-008
Misc : A,BN
ALS Vial : 38 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

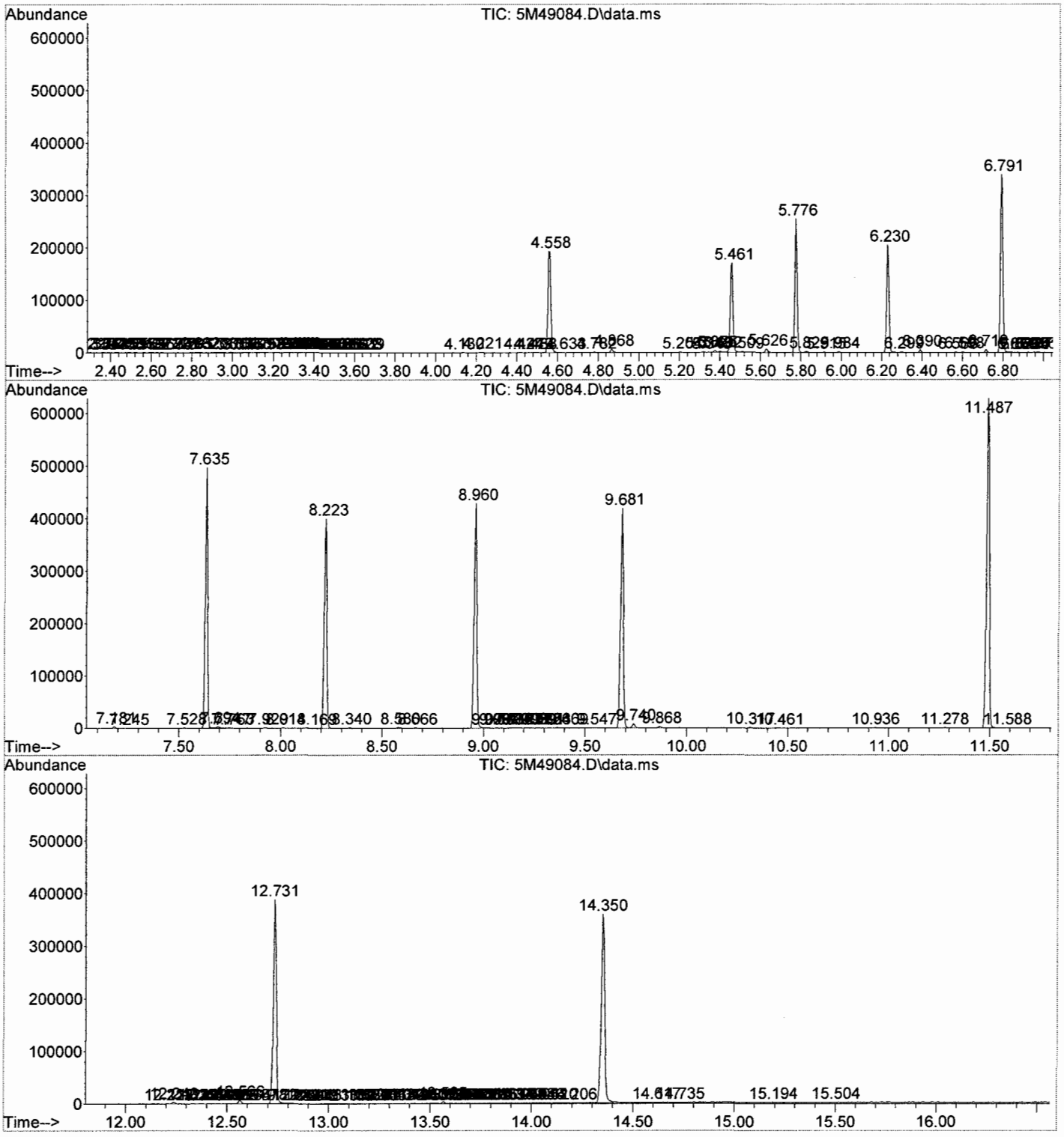
154	13.656	2125	2129	2131	rVV2	380	402	0.07%	0.010%
155	13.677	2131	2133	2134	rVV	269	92	0.01%	0.002%
156	13.693	2134	2136	2137	rVB	442	250	0.04%	0.006%
157	13.709	2137	2139	2141	rVB	311	281	0.05%	0.007%
158	13.730	2141	2143	2145	rBV2	346	377	0.06%	0.009%
159	13.768	2147	2150	2152	rBV	427	521	0.08%	0.013%
160	13.784	2152	2153	2154	rBV	585	249	0.04%	0.006%
161	13.816	2158	2159	2160	rBV	421	230	0.04%	0.006%
162	13.853	2164	2166	2167	rBV	407	300	0.05%	0.007%
163	13.939	2180	2182	2184	rBV2	440	216	0.04%	0.005%
164	13.960	2184	2186	2188	rBV2	405	291	0.05%	0.007%
165	13.998	2191	2193	2194	rBV	583	366	0.06%	0.009%
166	14.046	2200	2202	2203	rVB	591	343	0.06%	0.008%
167	14.062	2203	2205	2208	rBV2	572	430	0.07%	0.011%
168	14.110	2212	2214	2217	rBV	469	491	0.08%	0.012%
169	14.206	2230	2232	2233	rBV	458	232	0.04%	0.006%
170	14.350	2254	2259	2269	rBV	358179	425962	69.16%	10.554%
171	14.617	2307	2309	2312	rVB3	1002	516	0.08%	0.013%
172	14.735	2329	2331	2332	rVB2	844	449	0.07%	0.011%
173	15.194	2415	2417	2420	rBV3	1051	1061	0.17%	0.026%
174	15.504	2474	2475	2476	rBV	1246	459	0.07%	0.011%

Sum of corrected areas: 4036174

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49084.D
Acq On : 24 Feb 2009 21:25
Operator : AHD
Sample : AC42868-008
Misc : A,BN
ALS Vial : 38 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Quant Title : @GCMS_5,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49084.D
Acq On : 24 Feb 2009 21:25
Operator : AHD
Sample : AC42868-008
Misc : A,BN
ALS Vial : 38 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Quant Title : @GCMS_5,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 5M49085.D
Analysis Date: 02/24/09 21:47
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 109909

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 5M49085.D
Analysis Date: 02/24/09 21:47
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109909

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

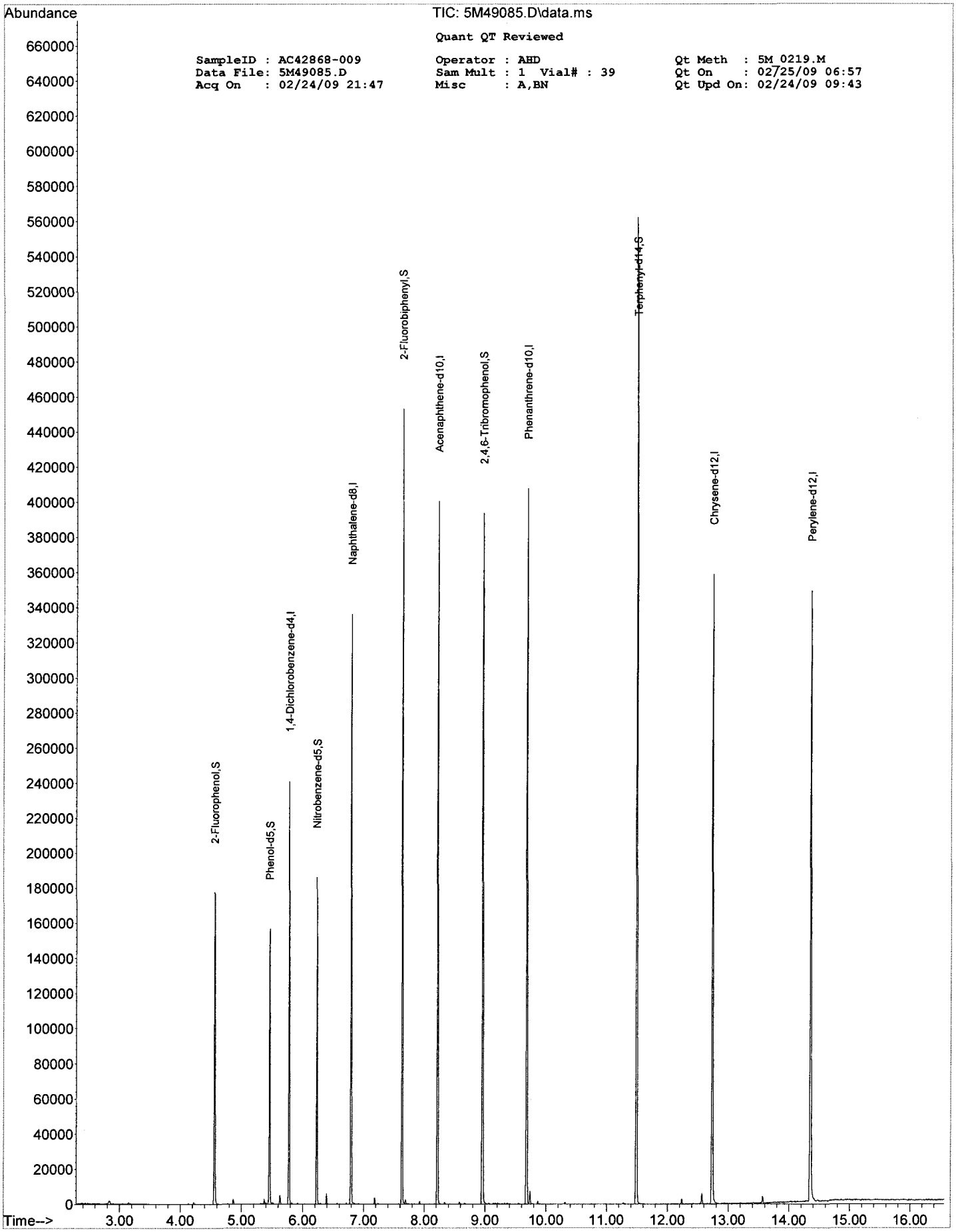
SampleID : AC42868-009 Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49085.D Sam Mult : 1 Vial# : 39 Qt On : 02/25/09 06:57
Acq On : 02/24/09 21:47 Misc : A,BN Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.776	152	33444	40.00	ng	-0.02
23) Naphthalene-d8	6.791	136	134682	40.00	ng	-0.02
41) Acenaphthene-d10	8.223	164	85360	40.00	ng	-0.02
67) Phenanthrene-d10	9.681	188	153991	40.00	ng	-0.02
81) Chrysene-d12	12.731	240	161962	40.00	ng	-0.02
96) Perylene-d12	14.350	264	160654	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.563	112	55621	50.90	ng	-0.01
Spiked Amount 100.000			Recovery = 50.90%			
9) Phenol-d5	5.461	99	52928	37.77	ng	-0.01
Spiked Amount 100.000			Recovery = 37.77%			
24) Nitrobenzene-d5	6.230	128	24817	42.77	ng	-0.01
Spiked Amount 50.000			Recovery = 85.54%			
46) 2-Fluorobiphenyl	7.635	172	125315	42.52	ng	-0.01
Spiked Amount 50.000			Recovery = 85.04%			
70) 2,4,6-Tribromophenol	8.960	330	50491	109.15	ng	-0.02
Spiked Amount 100.000			Recovery = 109.15%			
84) Terphenyl-d14	11.492	244	225962	49.40	ng	-0.02
Spiked Amount 50.000			Recovery = 98.80%			
Target Compounds						Qvalue
Library Search Compounds						

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

lle


Abundance
TIC: 5M49085.D\data.ms
Quant QT Reviewed
SampleID : AC42868-009
Data File: 5M49085.D
Acq On : 02/24/09 21:47
Operator : AHD
Sam Mult : 1 Vial# : 39
Misc : A,BN
Qt Meth : 5M_0219.M
Qt On : 02/25/09 06:57
Qt Upd On: 02/24/09 09:43
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49085.D
Acq On : 24 Feb 2009 21:47
Operator : AHD
Sample : AC42868-009
Misc : A,BN
ALS Vial : 39 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

Signal : TIC: 5M49085.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.309	3	5	8	rVB	268	232	0.04%	0.006%
2	2.330	8	9	10	rBV	385	194	0.03%	0.005%
3	2.346	10	12	13	rVV	344	288	0.05%	0.007%
4	2.367	14	16	18	rVV	530	504	0.09%	0.013%
5	2.383	18	19	20	rVV	581	239	0.04%	0.006%
6	2.394	20	21	22	rVV	555	290	0.05%	0.008%
7	2.410	22	24	28	rVB	546	625	0.11%	0.016%
8	2.437	28	29	30	rBV	615	256	0.04%	0.007%
9	2.474	34	36	39	rBV2	791	844	0.15%	0.022%
10	2.506	41	42	49	rVB	498	653	0.11%	0.017%
11	2.554	49	51	53	rBV2	376	303	0.05%	0.008%
12	2.576	53	55	56	rVV	324	222	0.04%	0.006%
13	2.592	56	58	59	rVV2	319	168	0.03%	0.004%
14	2.608	59	61	62	rVB2	349	203	0.04%	0.005%
15	2.635	62	66	67	rBV	461	339	0.06%	0.009%
16	2.645	67	68	70	rVB	274	164	0.03%	0.004%
17	2.667	70	72	73	rBV	487	283	0.05%	0.007%
18	2.699	77	78	79	rBV	213	72	0.01%	0.002%
19	2.731	79	84	87	rBV	222	315	0.05%	0.008%
20	2.757	87	89	90	rVB	359	131	0.02%	0.003%
21	2.773	90	92	94	rBV	390	327	0.06%	0.008%
22	2.795	94	96	97	rVB	564	315	0.05%	0.008%
23	2.832	97	103	109	rBV3	2020	4002	0.69%	0.104%
24	2.880	109	112	113	rVB3	432	376	0.07%	0.010%
25	2.902	113	116	119	rBV2	539	627	0.11%	0.016%
26	2.934	119	122	124	rVB	260	163	0.03%	0.004%
27	2.960	124	127	128	rVB	360	249	0.04%	0.006%
28	2.971	128	129	130	rBV	366	182	0.03%	0.005%
29	2.987	130	132	133	rVB	252	131	0.02%	0.003%
30	3.003	133	135	137	rBV2	238	294	0.05%	0.008%
31	3.035	139	141	143	rVB	196	159	0.03%	0.004%
32	3.051	143	144	148	rVB	423	294	0.05%	0.008%
33	3.089	148	151	152	rBV	206	254	0.04%	0.007%
34	3.126	157	158	160	rVV	306	288	0.05%	0.007%
35	3.147	160	162	166	rVB	1084	1218	0.21%	0.032%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49085.D
Acq On : 24 Feb 2009 21:47
Operator : AHD
Sample : AC42868-009
Misc : A,BN
ALS Vial : 39 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

36	3.179	166	168	170	rBV	530	407	0.07%	0.011%
37	3.201	170	172	174	rVV	306	239	0.04%	0.006%
38	3.222	174	176	180	rVV	366	522	0.09%	0.014%
39	3.249	180	181	183	rVB	396	184	0.03%	0.005%
40	3.265	183	184	185	rBV	420	193	0.03%	0.005%
41	3.281	185	187	190	rVV	400	368	0.06%	0.010%
42	3.308	190	192	193	rVV	339	256	0.04%	0.007%
43	3.324	193	195	197	rVV	370	395	0.07%	0.010%
44	3.340	197	198	200	rVV	437	348	0.06%	0.009%
45	3.356	200	201	203	rVV	398	281	0.05%	0.007%
46	3.377	203	205	207	rVV	247	244	0.04%	0.006%
47	3.393	207	208	210	rVV	334	223	0.04%	0.006%
48	3.431	213	215	216	rVV	238	206	0.04%	0.005%
49	3.441	216	217	218	rVV	434	182	0.03%	0.005%
50	3.452	218	219	222	rVB	195	171	0.03%	0.004%
51	3.473	222	223	225	rBV	199	172	0.03%	0.004%
52	3.500	227	228	230	rBB	176	106	0.02%	0.003%
53	3.521	231	232	233	rBB	213	68	0.01%	0.002%
54	3.532	233	234	235	rBB	163	52	0.01%	0.001%
55	3.553	236	238	239	rBB	160	51	0.01%	0.001%
56	3.569	239	241	242	rBB	174	108	0.02%	0.003%
57	4.130	344	346	349	rBB	339	329	0.06%	0.009%
58	4.221	361	363	366	rBV	1189	1017	0.18%	0.026%
59	4.558	423	426	435	rBV	177440	177659	30.72%	4.616%
60	4.627	438	439	441	rBB	326	173	0.03%	0.004%
61	4.782	466	468	470	rBB	311	214	0.04%	0.006%
62	4.868	482	484	488	rBB	2890	2450	0.42%	0.064%
63	5.322	566	569	571	rBB	476	421	0.07%	0.011%
64	5.348	572	574	576	rBB	359	279	0.05%	0.007%
65	5.375	576	579	582	rBB	2939	1771	0.31%	0.046%
66	5.402	582	584	588	rBB	989	753	0.13%	0.020%
67	5.461	591	595	602	rVV	156539	140584	24.31%	3.652%
68	5.509	602	604	607	rVB	863	744	0.13%	0.019%
69	5.632	624	627	630	rBB	5109	4299	0.74%	0.112%
70	5.776	650	654	658	rBV	240869	188839	32.65%	4.906%
71	5.824	661	663	665	rBB	770	523	0.09%	0.014%
72	5.915	679	680	682	rBB	579	350	0.06%	0.009%
73	6.230	735	739	743	rBV	185924	145663	25.18%	3.784%
74	6.283	748	749	750	rBB	185	59	0.01%	0.002%
75	6.294	750	751	753	rBB	508	323	0.06%	0.008%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49085.D
Acq On : 24 Feb 2009 21:47
Operator : AHD
Sample : AC42868-009
Misc : A,BN
ALS Vial : 39 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

76	6.390	767	769	772	rBB	5883	3565	0.62%	0.093%
77	6.566	800	802	803	rBB	593	252	0.04%	0.007%
78	6.791	841	844	848	rBV	335980	269726	46.63%	7.008%
79	6.839	851	853	859	rVB	695	809	0.14%	0.021%
80	6.924	868	869	871	rBB	235	127	0.02%	0.003%
81	7.181	915	917	920	rBB2	3535	2630	0.45%	0.068%
82	7.240	927	928	930	rBB2	416	226	0.04%	0.006%
83	7.635	998	1002	1006	rBV	452899	345189	59.68%	8.968%
84	7.662	1006	1007	1010	rVV	764	728	0.13%	0.019%
85	7.694	1010	1013	1016	rVV	2621	2425	0.42%	0.063%
86	7.715	1016	1017	1019	rVV	365	200	0.03%	0.005%
87	7.752	1023	1024	1025	rBB	205	66	0.01%	0.002%
88	7.838	1039	1040	1042	rBB	359	193	0.03%	0.005%
89	7.923	1054	1056	1059	rBB	1570	1109	0.19%	0.029%
90	8.223	1108	1112	1116	rBV	399974	345613	59.75%	8.979%
91	8.265	1119	1120	1121	rBB	185	59	0.01%	0.002%
92	8.340	1132	1134	1136	rBB	1026	634	0.11%	0.016%
93	8.580	1177	1179	1183	rBB	1225	924	0.16%	0.024%
94	8.666	1193	1195	1197	rBB	562	366	0.06%	0.010%
95	8.960	1246	1250	1262	rBB	393469	357399	61.79%	9.286%
96	9.067	1267	1270	1272	rBB	555	543	0.09%	0.014%
97	9.136	1281	1283	1287	rBB	500	445	0.08%	0.012%
98	9.173	1288	1290	1294	rBB	489	495	0.09%	0.013%
99	9.211	1295	1297	1299	rBB	673	409	0.07%	0.011%
100	9.238	1300	1302	1303	rBB	216	118	0.02%	0.003%
101	9.280	1308	1310	1311	rBB	196	115	0.02%	0.003%
102	9.323	1317	1318	1320	rBB	589	250	0.04%	0.006%
103	9.366	1323	1326	1329	rBB	547	635	0.11%	0.016%
104	9.408	1332	1334	1335	rBB	196	121	0.02%	0.003%
105	9.547	1359	1360	1363	rBB	333	313	0.05%	0.008%
106	9.681	1380	1385	1390	rBV	407588	385814	66.71%	10.024%
107	9.740	1391	1396	1401	rVB	7380	7006	1.21%	0.182%
108	9.868	1418	1420	1423	rBB	1484	1135	0.20%	0.029%
109	10.317	1501	1504	1506	rBB	986	874	0.15%	0.023%
110	11.278	1681	1684	1686	rBB	564	535	0.09%	0.014%
111	11.487	1719	1723	1737	rVB	561935	578384	100.00%	15.027%
112	12.240	1860	1864	1866	rBB	2915	2570	0.44%	0.067%
113	12.256	1866	1867	1868	rBB	174	56	0.01%	0.001%
114	12.304	1874	1876	1879	rBB	182	204	0.04%	0.005%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49085.D
Acq On : 24 Feb 2009 21:47
Operator : AHD
Sample : AC42868-009
Misc : A,BN
ALS Vial : 39 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

115	12.352	1884	1885	1888	rBB	164	101	0.02%	0.003%
116	12.373	1888	1889	1890	rBB	173	55	0.01%	0.001%
117	12.384	1890	1891	1892	rBB	186	60	0.01%	0.002%
118	12.422	1897	1898	1899	rBV	343	168	0.03%	0.004%
119	12.448	1902	1903	1904	rBB	154	49	0.01%	0.001%
120	12.480	1907	1909	1910	rBB	194	113	0.02%	0.003%
121	12.502	1910	1913	1914	rBB	216	186	0.03%	0.005%
122	12.534	1915	1919	1922	rBB	257	305	0.05%	0.008%
123	12.566	1922	1925	1928	rBB	6027	5663	0.98%	0.147%
124	12.587	1928	1929	1930	rBV	201	118	0.02%	0.003%
125	12.603	1930	1932	1934	rVB	194	166	0.03%	0.004%
126	12.625	1934	1936	1937	rBB	187	111	0.02%	0.003%
127	12.635	1937	1938	1939	rBV	175	107	0.02%	0.003%
128	12.657	1939	1942	1943	rVV	211	254	0.04%	0.007%
129	12.667	1943	1944	1945	rVB	229	73	0.01%	0.002%
130	12.731	1951	1956	1970	rBV	358493	379151	65.55%	9.851%
131	12.812	1970	1971	1973	rBV	287	167	0.03%	0.004%
132	12.865	1980	1981	1982	rBV	60	36	0.01%	0.001%
133	12.902	1985	1988	1990	rBV	106	119	0.02%	0.003%
134	12.924	1990	1992	1993	rVV	93	47	0.01%	0.001%
135	12.940	1993	1995	1997	rVV	451	237	0.04%	0.006%
136	12.956	1997	1998	2000	rVV	80	57	0.01%	0.001%
137	13.004	2003	2007	2008	rVV	149	140	0.02%	0.004%
138	13.015	2008	2009	2011	rVV	46	32	0.01%	0.001%
139	13.031	2011	2012	2015	rVB	61	49	0.01%	0.001%
140	13.057	2015	2017	2018	rVB	88	53	0.01%	0.001%
141	13.073	2018	2020	2022	rBV	113	117	0.02%	0.003%
142	13.095	2022	2024	2026	rVV	100	74	0.01%	0.002%
143	13.127	2028	2030	2031	rVV	141	75	0.01%	0.002%
144	13.153	2034	2035	2037	rVB	94	44	0.01%	0.001%
145	13.175	2037	2039	2040	rBV	120	70	0.01%	0.002%
146	13.201	2040	2044	2047	rVV	313	364	0.06%	0.009%
147	13.244	2050	2052	2054	rVB	206	124	0.02%	0.003%
148	13.292	2060	2061	2063	rVB	105	45	0.01%	0.001%
149	13.308	2063	2064	2066	rBV	283	193	0.03%	0.005%
150	13.324	2066	2067	2070	rVV	104	68	0.01%	0.002%
151	13.346	2070	2071	2074	rBV	250	138	0.02%	0.004%
152	13.372	2074	2076	2077	rBV	337	136	0.02%	0.004%
153	13.415	2081	2084	2087	rBV2	490	578	0.10%	0.015%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49085.D
Acq On : 24 Feb 2009 21:47
Operator : AHD
Sample : AC42868-009
Misc : A,BN
ALS Vial : 39 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

154	13.442	2087	2089	2090	rVB	363	135	0.02%	0.004%
155	13.463	2092	2093	2096	rBV	244	194	0.03%	0.005%
156	13.490	2096	2098	2099	rVB	377	129	0.02%	0.003%
157	13.511	2099	2102	2103	rBV	337	195	0.03%	0.005%
158	13.533	2103	2106	2107	rBV	313	210	0.04%	0.005%
159	13.565	2107	2112	2115	rBV	3908	3342	0.58%	0.087%
160	13.597	2115	2118	2121	rVB	242	305	0.05%	0.008%
161	13.618	2121	2122	2123	rBV	274	149	0.03%	0.004%
162	13.634	2123	2125	2129	rVB	367	277	0.05%	0.007%
163	13.661	2129	2130	2131	rBV	379	147	0.03%	0.004%
164	13.698	2134	2137	2140	rBV	415	553	0.10%	0.014%
165	13.741	2143	2145	2147	rBV2	433	283	0.05%	0.007%
166	13.778	2151	2152	2154	rVB2	551	331	0.06%	0.009%
167	13.805	2154	2157	2161	rBV	520	778	0.13%	0.020%
168	13.832	2161	2162	2163	rBV	483	167	0.03%	0.004%
169	13.869	2163	2169	2172	rBV3	504	685	0.12%	0.018%
170	13.891	2172	2173	2175	rBV2	415	217	0.04%	0.006%
171	13.912	2175	2177	2179	rVB	590	351	0.06%	0.009%
172	13.928	2179	2180	2183	rBV	497	452	0.08%	0.012%
173	13.965	2185	2187	2188	rBV2	264	174	0.03%	0.005%
174	14.008	2193	2195	2196	rVV2	353	231	0.04%	0.006%
175	14.024	2196	2198	2199	rVV	481	325	0.06%	0.008%
176	14.040	2199	2201	2203	rVB2	566	424	0.07%	0.011%
177	14.099	2211	2212	2214	rVB	750	342	0.06%	0.009%
178	14.115	2214	2215	2216	rBV	455	235	0.04%	0.006%
179	14.136	2217	2219	2223	rVB3	469	491	0.08%	0.013%
180	14.200	2229	2231	2233	rBV2	340	212	0.04%	0.006%
181	14.233	2236	2237	2239	rVV	277	185	0.03%	0.005%
182	14.275	2244	2245	2246	rVV	413	146	0.03%	0.004%
183	14.350	2253	2259	2274	rBV	347779	423939	73.30%	11.014%
184	14.473	2280	2282	2286	rVB2	711	952	0.16%	0.025%
185	14.537	2293	2294	2295	rBV	433	264	0.05%	0.007%
186	14.553	2295	2297	2298	rVV	625	359	0.06%	0.009%
187	14.569	2298	2300	2301	rVV	293	144	0.02%	0.004%
188	14.585	2301	2303	2304	rVV	262	146	0.03%	0.004%
189	14.644	2313	2314	2315	rBV	611	303	0.05%	0.008%
190	14.665	2317	2318	2319	rVV	666	248	0.04%	0.006%
191	14.681	2319	2321	2322	rVV2	584	388	0.07%	0.010%
192	14.703	2322	2325	2326	rVV2	578	521	0.09%	0.014%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49085.D
Acq On : 24 Feb 2009 21:47
Operator : AHD
Sample : AC42868-009
Misc : A,BN
ALS Vial : 39 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

193	14.713	2326	2327	2329	rVV	620	392	0.07%	0.010%
194	14.735	2329	2331	2332	rVV2	702	376	0.07%	0.010%
195	14.756	2332	2335	2338	rVV3	750	795	0.14%	0.021%
196	14.783	2338	2340	2342	rVV3	474	310	0.05%	0.008%
197	14.799	2342	2343	2344	rVB	527	182	0.03%	0.005%
198	14.852	2351	2353	2354	rVB	659	263	0.05%	0.007%
199	14.863	2354	2355	2357	rBV	878	523	0.09%	0.014%
200	14.911	2362	2364	2365	rBV	530	403	0.07%	0.010%
201	14.932	2366	2368	2370	rVV	764	496	0.09%	0.013%
202	14.948	2370	2371	2372	rVV	619	231	0.04%	0.006%
203	14.964	2372	2374	2377	rVV2	727	654	0.11%	0.017%
204	15.002	2379	2381	2383	rVV3	738	619	0.11%	0.016%
205	15.023	2383	2385	2386	rVV2	500	219	0.04%	0.006%
206	15.039	2386	2388	2390	rVB	616	368	0.06%	0.010%
207	15.066	2390	2393	2395	rBV2	725	741	0.13%	0.019%
208	15.082	2395	2396	2397	rVB	570	183	0.03%	0.005%
209	15.114	2400	2402	2403	rBV	792	518	0.09%	0.013%
210	15.194	2415	2417	2419	rBV2	681	529	0.09%	0.014%
211	15.210	2419	2420	2423	rVV3	812	706	0.12%	0.018%
212	15.258	2426	2429	2430	rVV2	713	570	0.10%	0.015%
213	15.285	2432	2434	2436	rVV3	561	476	0.08%	0.012%
214	15.306	2436	2438	2441	rVB2	636	633	0.11%	0.016%
215	15.333	2441	2443	2445	rBV2	606	495	0.09%	0.013%
216	15.402	2455	2456	2459	rBV2	389	339	0.06%	0.009%
217	15.456	2465	2466	2473	rVB5	493	522	0.09%	0.014%
218	15.552	2482	2484	2489	rVB3	598	723	0.13%	0.019%
219	15.589	2489	2491	2494	rBV2	555	550	0.10%	0.014%
220	15.696	2509	2511	2512	rBV2	592	234	0.04%	0.006%
221	15.979	2562	2564	2565	rBV2	902	429	0.07%	0.011%
222	15.995	2565	2567	2569	rVV2	487	374	0.06%	0.010%
223	16.022	2569	2572	2578	rVV5	664	872	0.15%	0.023%
224	16.097	2583	2586	2587	rBV3	900	792	0.14%	0.021%
225	16.140	2591	2594	2595	rVB2	668	445	0.08%	0.012%
226	16.161	2595	2598	2599	rBV2	522	418	0.07%	0.011%
227	16.257	2614	2616	2617	rBV	567	333	0.06%	0.009%
228	16.295	2621	2623	2624	rVB	657	296	0.05%	0.008%
229	16.311	2624	2626	2627	rBV2	972	566	0.10%	0.015%
230	16.343	2630	2632	2633	rVV2	567	275	0.05%	0.007%
231	16.369	2633	2637	2639	rVV3	742	681	0.12%	0.018%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49085.D
Acq On : 24 Feb 2009 21:47
Operator : AHD
Sample : AC42868-009
Misc : A,BN
ALS Vial : 39 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

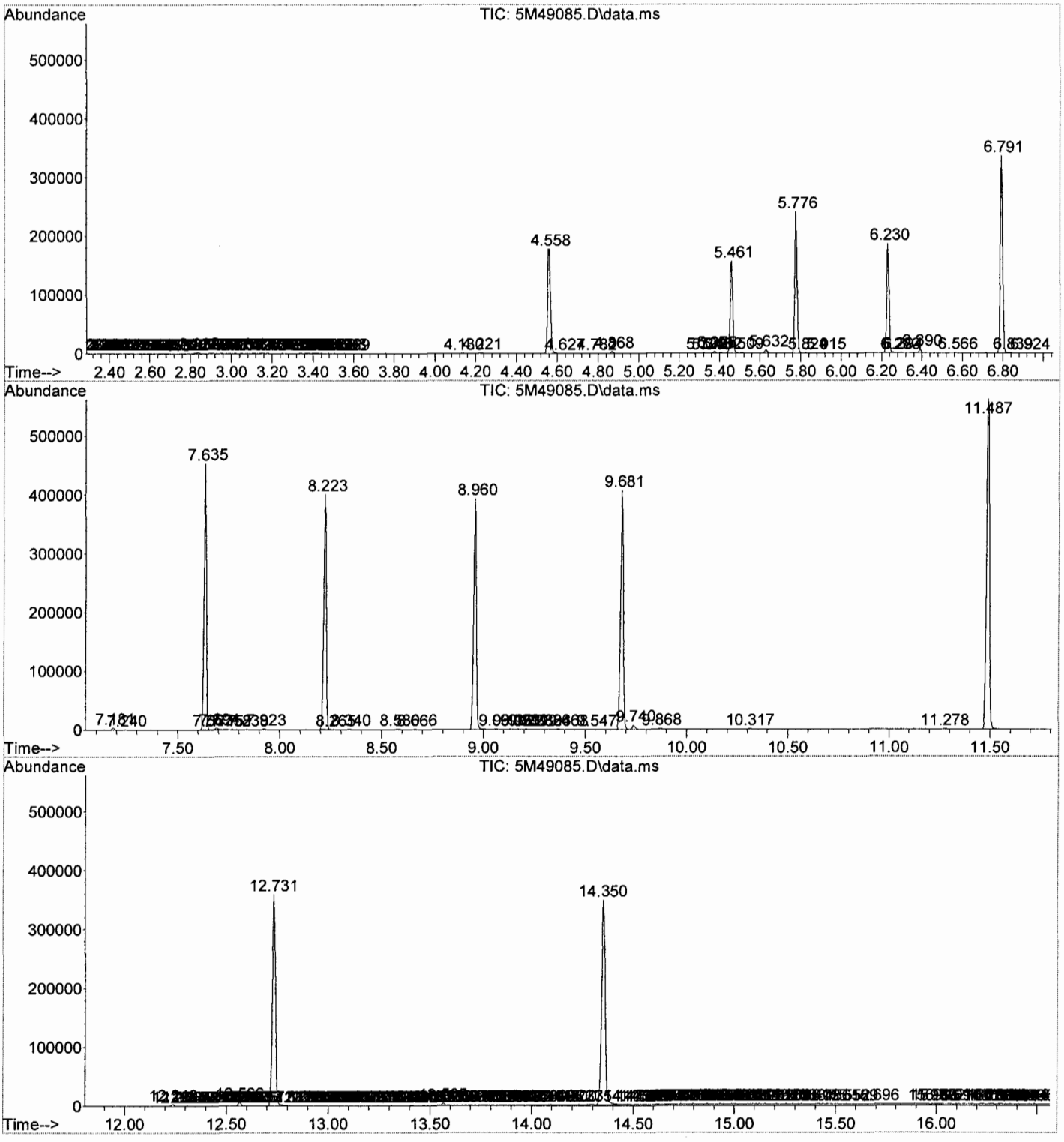
232	16.391	2639	2641	2642	rVB2	440	205	0.04%	0.005%
233	16.418	2642	2646	2648	rVB2	736	1034	0.18%	0.027%
234	16.434	2648	2649	2652	rBV2	766	630	0.11%	0.016%
235	16.466	2652	2655	2657	rVV2	675	548	0.09%	0.014%
236	16.487	2657	2659	2662	rVB3	1011	774	0.13%	0.020%

Sum of corrected areas: 3848986

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49085.D
Acq On : 24 Feb 2009 21:47
Operator : AHD
Sample : AC42868-009
Misc : A,BN
ALS Vial : 39 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Quant Title : @GCMS_5,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49085.D
Acq On : 24 Feb 2009 21:47
Operator : AHD
Sample : AC42868-009
Misc : A,BN
ALS Vial : 39 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Quant Title : @GCMS_5,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42868-012
Client Id: FB U
Data File: 5M49086.D
Analysis Date: 02/24/09 22:09
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 109909

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42868-012
Client Id: FB U
Data File: 5M49086.D
Analysis Date: 02/24/09 22:09
Date Rec/Extracted: 02/20/09-02/24/09

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109909

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

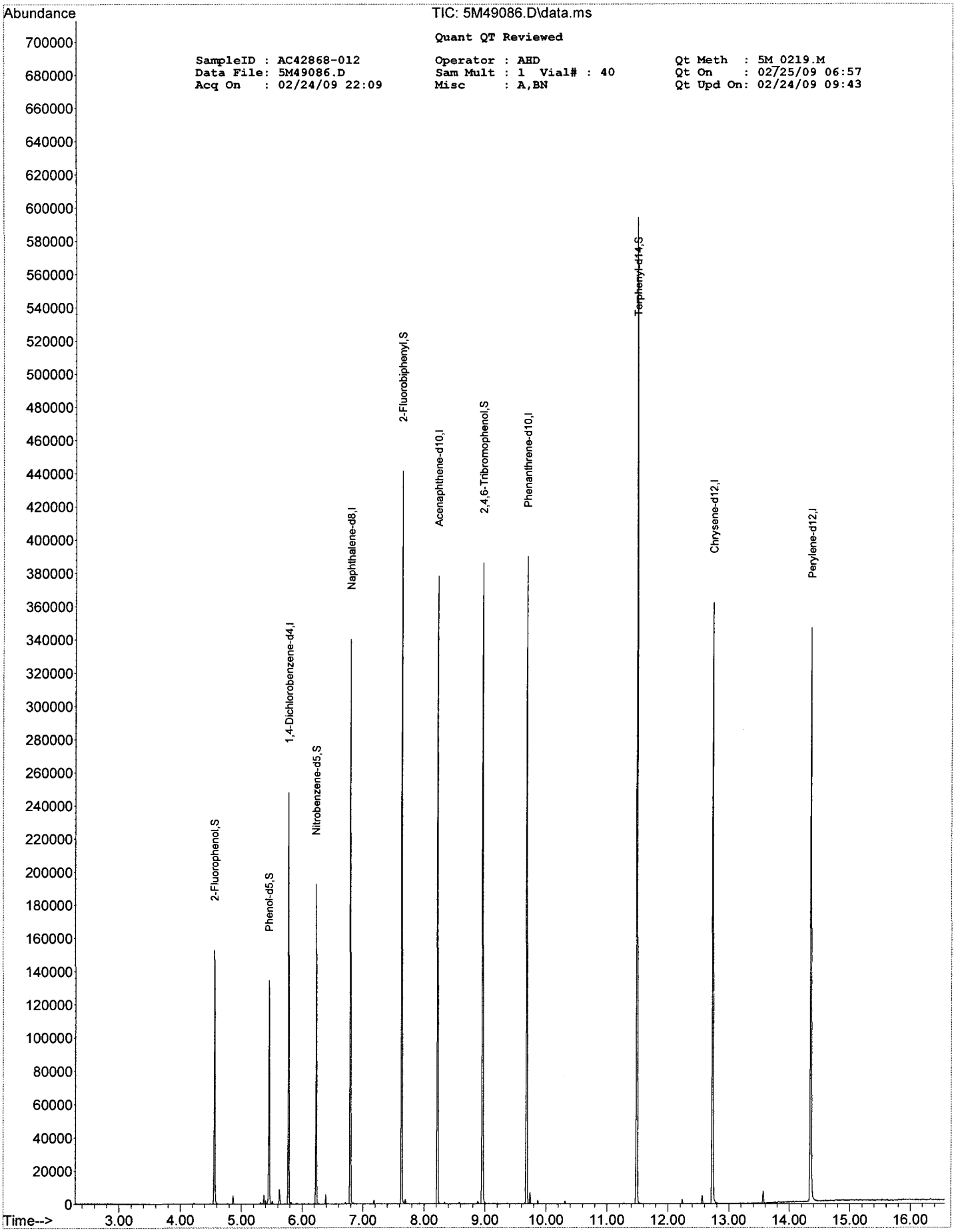
SampleID : AC42868-012 Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49086.D Sam Mult : 1 Vial# : 40 Qt On : 02/25/09 06:57
Acq On : 02/24/09 22:09 Misc : A,BN Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.776	152	33359	40.00	ng	-0.02
23) Naphthalene-d8	6.791	136	134124	40.00	ng	-0.02
41) Acenaphthene-d10	8.223	164	83279	40.00	ng	-0.02
67) Phenanthrene-d10	9.681	188	148140	40.00	ng	-0.02
81) Chrysene-d12	12.731	240	154013	40.00	ng	-0.02
96) Perylene-d12	14.350	264	153575	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.558	112	45349	41.61	ng	-0.02
Spiked Amount 100.000			Recovery = 41.61%			
9) Phenol-d5	5.455	99	44627	31.92	ng	-0.02
Spiked Amount 100.000			Recovery = 31.92%			
24) Nitrobenzene-d5	6.230	128	25143	43.51	ng	-0.01
Spiked Amount 50.000			Recovery = 87.02%			
46) 2-Fluorobiphenyl	7.635	172	127020	44.17	ng	-0.01
Spiked Amount 50.000			Recovery = 88.34%			
70) 2,4,6-Tribromophenol	8.960	330	49712	111.71	ng	-0.02
Spiked Amount 100.000			Recovery = 111.71%			
84) Terphenyl-d14	11.487	244	226563	52.09	ng	-0.02
Spiked Amount 50.000			Recovery = 104.18%			
Target Compounds						Qvalue
Library Search Compounds						

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

KW


Abundance
TIC: 5M49086.D\data.ms
Quant QT Reviewed
SampleID : AC42868-012
Data File: 5M49086.D
Acq On : 02/24/09 22:09
Operator : AHD
Sam Mult : 1 Vial# : 40
Misc : A,BN
Qt Meth : 5M_0219.M
Qt On : 02/25/09 06:57
Qt Upd On: 02/24/09 09:43
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49086.D
Acq On : 24 Feb 2009 22:09
Operator : AHD
Sample : AC42868-012
Misc : A,BN
ALS Vial : 40 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

Signal : TIC: 5M49086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.335	8	10	11	rBV	301	115	0.02%	0.003%
2	2.346	11	12	14	rVV	222	134	0.02%	0.004%
3	2.362	14	15	17	rVB	473	200	0.03%	0.005%
4	2.378	17	18	20	rBV	559	405	0.07%	0.011%
5	2.400	20	22	24	rVB	361	253	0.04%	0.007%
6	2.416	24	25	28	rVB	196	132	0.02%	0.004%
7	2.442	28	30	31	rVB	354	165	0.03%	0.004%
8	2.474	34	36	37	rBV	213	194	0.03%	0.005%
9	2.490	37	39	40	rVV	323	215	0.04%	0.006%
10	2.501	40	41	45	rVB	338	364	0.06%	0.010%
11	2.533	45	47	49	rBV	163	156	0.03%	0.004%
12	2.555	49	51	53	rVB	390	325	0.06%	0.009%
13	2.576	53	55	56	rVB	387	140	0.02%	0.004%
14	2.592	56	58	59	rBV	208	94	0.02%	0.003%
15	2.608	59	61	63	rBV	405	213	0.04%	0.006%
16	2.624	63	64	65	rVB	395	127	0.02%	0.003%
17	2.635	65	66	68	rBB	227	122	0.02%	0.003%
18	2.651	68	69	71	rBV	586	415	0.07%	0.011%
19	2.677	71	74	76	rBV	176	207	0.04%	0.006%
20	2.693	76	77	80	rVB	269	159	0.03%	0.004%
21	2.715	80	81	84	rBV	233	123	0.02%	0.003%
22	2.741	84	86	88	rVB	52	42	0.01%	0.001%
23	2.774	90	92	93	rVB	357	138	0.02%	0.004%
24	2.784	93	94	95	rBV	250	97	0.02%	0.003%
25	2.795	95	96	99	rVB	142	62	0.01%	0.002%
26	2.822	99	101	102	rBV	625	333	0.06%	0.009%
27	2.870	109	110	111	rBV	445	152	0.03%	0.004%
28	2.880	111	112	114	rVV	153	102	0.02%	0.003%
29	2.896	114	115	116	rVV	367	124	0.02%	0.003%
30	2.918	116	119	120	rVV	183	101	0.02%	0.003%
31	2.928	120	121	123	rVV	229	99	0.02%	0.003%
32	2.955	123	126	129	rVV	271	294	0.05%	0.008%
33	2.977	129	130	131	rVV	226	95	0.02%	0.003%
34	2.998	131	134	137	rVV	212	236	0.04%	0.006%
35	3.025	138	139	142	rVV	110	112	0.02%	0.003%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49086.D
Acq On : 24 Feb 2009 22:09
Operator : AHD
Sample : AC42868-012
Misc : A,BN
ALS Vial : 40 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

36	3.046	142	143	145	rVV	153	87	0.02%	0.002%
37	3.062	145	146	148	rVV	125	95	0.02%	0.003%
38	3.078	148	149	153	rVV	415	254	0.04%	0.007%
39	3.115	153	156	158	rVV	121	162	0.03%	0.004%
40	3.131	158	159	160	rVV	230	101	0.02%	0.003%
41	3.158	162	164	167	rVV	236	209	0.04%	0.006%
42	3.185	167	169	172	rVB	327	275	0.05%	0.007%
43	3.217	172	175	176	rBV	380	342	0.06%	0.009%
44	3.249	179	181	184	rBV	416	397	0.07%	0.011%
45	3.286	184	188	190	rVB	412	554	0.10%	0.015%
46	3.302	190	191	193	rBV	197	175	0.03%	0.005%
47	3.329	194	196	199	rVB	350	316	0.06%	0.008%
48	3.367	200	203	204	rBV	174	216	0.04%	0.006%
49	3.377	204	205	206	rVB	183	59	0.01%	0.002%
50	3.393	206	208	209	rBV	194	181	0.03%	0.005%
51	3.404	209	210	211	rVB	368	118	0.02%	0.003%
52	3.415	211	212	215	rBV	377	341	0.06%	0.009%
53	3.441	215	217	218	rVB	390	229	0.04%	0.006%
54	3.468	219	222	223	rBB	164	151	0.03%	0.004%
55	3.484	223	225	226	rBB	393	187	0.03%	0.005%
56	3.500	227	228	229	rBB	338	108	0.02%	0.003%
57	3.537	234	235	237	rBB	155	98	0.02%	0.003%
58	3.559	238	239	240	rBB	170	54	0.01%	0.001%
59	4.221	361	363	367	rBB	729	612	0.11%	0.016%
60	4.488	411	413	415	rBB	268	210	0.04%	0.006%
61	4.558	423	426	435	rBV	152761	144247	25.15%	3.866%
62	4.782	465	468	469	rBB	230	190	0.03%	0.005%
63	4.868	481	484	488	rBB	4913	3864	0.67%	0.104%
64	5.316	566	568	571	rBB	932	714	0.12%	0.019%
65	5.343	572	573	576	rBB	300	239	0.04%	0.006%
66	5.375	576	579	582	rBV	5497	3999	0.70%	0.107%
67	5.402	582	584	588	rVB	2181	1525	0.27%	0.041%
68	5.455	591	594	602	rVV	134403	118162	20.60%	3.167%
69	5.514	602	605	607	rVB	1733	1350	0.24%	0.036%
70	5.626	624	626	631	rBB2	8886	7960	1.39%	0.213%
71	5.776	650	654	658	rBV	247842	187857	32.76%	5.035%
72	5.824	661	663	665	rBB	1095	720	0.13%	0.019%
73	5.915	679	680	683	rBB	509	350	0.06%	0.009%
74	6.000	695	696	698	rBB	254	137	0.02%	0.004%
75	6.107	715	716	718	rBB	491	298	0.05%	0.008%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49086.D
Acq On : 24 Feb 2009 22:09
Operator : AHD
Sample : AC42868-012
Misc : A,BN
ALS Vial : 40 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

76	6.230	735	739	743	rBV	192391	149902	26.14%	4.018%
77	6.390	767	769	772	rBB	5677	3241	0.57%	0.087%
78	6.417	772	774	775	rBB	180	58	0.01%	0.002%
79	6.428	775	776	777	rBB	203	65	0.01%	0.002%
80	6.716	828	830	832	rBB	1010	726	0.13%	0.019%
81	6.791	841	844	848	rBV	340107	267353	46.62%	7.166%
82	6.834	851	852	857	rVV	705	632	0.11%	0.017%
83	6.866	857	858	859	rVB	216	69	0.01%	0.002%
84	7.181	915	917	919	rBB	2237	1518	0.26%	0.041%
85	7.635	998	1002	1006	rBV	441398	350374	61.09%	9.391%
86	7.694	1010	1013	1020	rVB	2723	2735	0.48%	0.073%
87	7.736	1020	1021	1024	rBB	193	171	0.03%	0.005%
88	7.923	1054	1056	1058	rBB	637	437	0.08%	0.012%
89	8.169	1101	1102	1104	rBB	320	170	0.03%	0.005%
90	8.223	1107	1112	1116	rBV	378262	337655	58.87%	9.050%
91	8.244	1116	1116	1120	rBB	0	64	0.01%	0.002%
92	8.271	1120	1121	1123	rBB	184	114	0.02%	0.003%
93	8.340	1132	1134	1136	rBB	1115	673	0.12%	0.018%
94	8.581	1177	1179	1183	rBB	1012	963	0.17%	0.026%
95	8.666	1193	1195	1196	rBB	318	161	0.03%	0.004%
96	8.885	1234	1236	1239	rBB	1753	1316	0.23%	0.035%
97	8.960	1245	1250	1258	rBV	386196	355843	62.05%	9.537%
98	9.008	1258	1259	1261	rVB	458	292	0.05%	0.008%
99	9.024	1261	1262	1264	rBB	177	106	0.02%	0.003%
100	9.067	1267	1270	1272	rBB	499	416	0.07%	0.011%
101	9.136	1281	1283	1287	rBB	583	454	0.08%	0.012%
102	9.168	1288	1289	1290	rBV	338	168	0.03%	0.005%
103	9.179	1290	1291	1294	rVB	368	207	0.04%	0.006%
104	9.206	1295	1296	1298	rBB	559	268	0.05%	0.007%
105	9.366	1323	1326	1328	rBB	541	488	0.09%	0.013%
106	9.548	1358	1360	1363	rBB	331	348	0.06%	0.009%
107	9.681	1380	1385	1390	rBV	389770	370058	64.52%	9.918%
108	9.740	1392	1396	1400	rVB	6969	6596	1.15%	0.177%
109	9.868	1417	1420	1423	rBB	2148	1734	0.30%	0.046%
110	10.311	1501	1503	1506	rBB	1751	1454	0.25%	0.039%
111	11.278	1681	1684	1686	rBB	639	510	0.09%	0.014%
112	11.487	1718	1723	1738	rBV	594113	573517	100.00%	15.372%
113	11.578	1738	1740	1741	rVB	193	122	0.02%	0.003%
114	12.235	1860	1863	1866	rBB	2632	2324	0.41%	0.062%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49086.D
Acq On : 24 Feb 2009 22:09
Operator : AHD
Sample : AC42868-012
Misc : A,BN
ALS Vial : 40 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

115	12.358	1883	1886	1887	rBB	179	109	0.02%	0.003%
116	12.374	1888	1889	1892	rBB	169	102	0.02%	0.003%
117	12.395	1892	1893	1894	rBB	182	58	0.01%	0.002%
118	12.416	1895	1897	1898	rBB	208	126	0.02%	0.003%
119	12.454	1902	1904	1905	rBB	226	129	0.02%	0.003%
120	12.464	1905	1906	1907	rBB	162	52	0.01%	0.001%
121	12.480	1908	1909	1910	rBB	165	53	0.01%	0.001%
122	12.496	1910	1912	1913	rBB	223	129	0.02%	0.003%
123	12.566	1920	1925	1928	rBB	4903	4984	0.87%	0.134%
124	12.598	1928	1931	1932	rBV	215	186	0.03%	0.005%
125	12.657	1937	1942	1943	rBV	268	395	0.07%	0.011%
126	12.673	1943	1945	1946	rVV	100	44	0.01%	0.001%
127	12.731	1951	1956	1965	rBV	361901	360408	62.84%	9.660%
128	12.844	1976	1977	1978	rBV	340	172	0.03%	0.005%
129	12.860	1978	1980	1982	rVV	209	172	0.03%	0.005%
130	12.876	1982	1983	1986	rVB	100	77	0.01%	0.002%
131	12.897	1986	1987	1988	rBV	66	38	0.01%	0.001%
132	12.940	1993	1995	1996	rVV	221	152	0.03%	0.004%
133	12.967	1999	2000	2003	rVV	179	167	0.03%	0.004%
134	13.025	2007	2011	2012	rVV	135	134	0.02%	0.004%
135	13.036	2012	2013	2016	rVV	169	139	0.02%	0.004%
136	13.073	2018	2020	2022	rVB	122	77	0.01%	0.002%
137	13.105	2023	2026	2028	rBV	122	116	0.02%	0.003%
138	13.137	2030	2032	2034	rBV	48	40	0.01%	0.001%
139	13.164	2034	2037	2038	rBV	106	102	0.02%	0.003%
140	13.202	2042	2044	2047	rBV	245	183	0.03%	0.005%
141	13.228	2047	2049	2051	rBV	211	111	0.02%	0.003%
142	13.244	2051	2052	2053	rVB	166	53	0.01%	0.001%
143	13.266	2055	2056	2058	rVB	114	50	0.01%	0.001%
144	13.287	2058	2060	2061	rBV	60	32	0.01%	0.001%
145	13.303	2061	2063	2064	rVB	207	99	0.02%	0.003%
146	13.314	2064	2065	2068	rVB	329	167	0.03%	0.004%
147	13.346	2068	2071	2073	rBV	254	232	0.04%	0.006%
148	13.367	2073	2075	2076	rBV	116	69	0.01%	0.002%
149	13.399	2080	2081	2082	rBV	259	113	0.02%	0.003%
150	13.410	2082	2083	2086	rVB	186	116	0.02%	0.003%
151	13.437	2086	2088	2089	rVB	241	99	0.02%	0.003%
152	13.453	2089	2091	2093	rBV	186	121	0.02%	0.003%
153	13.474	2093	2095	2096	rBV	202	136	0.02%	0.004%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49086.D
Acq On : 24 Feb 2009 22:09
Operator : AHD
Sample : AC42868-012
Misc : A,BN
ALS Vial : 40 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

154	13.485	2096	2097	2100	rVB	259	216	0.04%	0.006%
155	13.522	2102	2104	2105	rBV	239	127	0.02%	0.003%
156	13.565	2109	2112	2115	rVB2	7411	6223	1.09%	0.167%
157	13.592	2115	2117	2119	rBV	403	181	0.03%	0.005%
158	13.629	2119	2124	2125	rBV	417	329	0.06%	0.009%
159	13.645	2125	2127	2128	rVB	394	163	0.03%	0.004%
160	13.672	2128	2132	2134	rVB	373	353	0.06%	0.009%
161	13.698	2134	2137	2140	rBV2	525	701	0.12%	0.019%
162	13.725	2140	2142	2144	rBV2	338	315	0.05%	0.008%
163	13.747	2144	2146	2147	rBV	197	77	0.01%	0.002%
164	13.757	2147	2148	2149	rVB	410	131	0.02%	0.004%
165	13.779	2151	2152	2153	rVB	676	217	0.04%	0.006%
166	13.821	2153	2160	2163	rBV3	916	1532	0.27%	0.041%
167	13.843	2163	2164	2168	rVB3	209	233	0.04%	0.006%
168	13.869	2168	2169	2171	rVB	274	96	0.02%	0.003%
169	13.896	2171	2174	2175	rVB2	515	422	0.07%	0.011%
170	13.923	2177	2179	2181	rBV	387	321	0.06%	0.009%
171	13.944	2181	2183	2184	rBV	202	122	0.02%	0.003%
172	13.960	2184	2186	2187	rBV2	207	109	0.02%	0.003%
173	14.003	2192	2194	2197	rBV	283	176	0.03%	0.005%
174	14.067	2202	2206	2208	rBV2	746	525	0.09%	0.014%
175	14.110	2212	2214	2215	rBV	412	156	0.03%	0.004%
176	14.120	2215	2216	2219	rVB	348	211	0.04%	0.006%
177	14.158	2219	2223	2225	rBV2	229	338	0.06%	0.009%
178	14.174	2225	2226	2229	rVB2	522	326	0.06%	0.009%
179	14.222	2233	2235	2238	rVB2	238	223	0.04%	0.006%
180	14.259	2240	2242	2243	rBV2	282	165	0.03%	0.004%
181	14.275	2243	2245	2248	rBV	199	251	0.04%	0.007%
182	14.307	2250	2251	2253	rBV	567	328	0.06%	0.009%
183	14.350	2253	2259	2275	rBV	345699	409000	71.31%	10.962%
184	14.446	2275	2277	2280	rVV3	677	546	0.10%	0.015%
185	14.494	2283	2286	2289	rBV3	663	674	0.12%	0.018%
186	14.526	2291	2292	2296	rBV2	493	409	0.07%	0.011%
187	14.553	2296	2297	2298	rVB	573	184	0.03%	0.005%
188	14.564	2298	2299	2303	rBV2	470	415	0.07%	0.011%
189	14.591	2303	2304	2305	rBV	541	178	0.03%	0.005%
190	14.633	2311	2312	2314	rBV2	511	387	0.07%	0.010%
191	14.681	2320	2321	2323	rBV	635	376	0.07%	0.010%
192	14.868	2354	2356	2357	rBV	617	305	0.05%	0.008%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49086.D
Acq On : 24 Feb 2009 22:09
Operator : AHD
Sample : AC42868-012
Misc : A,BN
ALS Vial : 40 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

193	14.890	2358	2360	2362	rVB2	650	403	0.07%	0.011%
194	14.959	2372	2373	2374	rBV	651	279	0.05%	0.007%
195	15.018	2382	2384	2385	rBV	568	399	0.07%	0.011%
196	15.082	2395	2396	2399	rBV3	491	350	0.06%	0.009%
197	15.109	2399	2401	2402	rVV2	766	502	0.09%	0.013%
198	15.141	2406	2407	2410	rBV2	688	513	0.09%	0.014%
199	15.173	2410	2413	2415	rVV	800	618	0.11%	0.017%
200	15.189	2415	2416	2420	rVV2	558	396	0.07%	0.011%
201	15.237	2423	2425	2430	rVB3	495	557	0.10%	0.015%
202	15.290	2433	2435	2437	rVV2	537	452	0.08%	0.012%
203	15.312	2437	2439	2443	rVB2	710	517	0.09%	0.014%
204	15.338	2443	2444	2445	rBV	450	215	0.04%	0.006%
205	15.355	2445	2447	2449	rVB3	544	356	0.06%	0.010%
206	15.371	2449	2450	2452	rBV	632	410	0.07%	0.011%
207	15.403	2455	2456	2459	rBV2	578	440	0.08%	0.012%
208	15.435	2460	2462	2463	rBV2	360	216	0.04%	0.006%
209	15.451	2463	2465	2467	rVV4	477	348	0.06%	0.009%
210	15.483	2469	2471	2472	rVB	399	151	0.03%	0.004%
211	15.531	2479	2480	2483	rBV3	990	766	0.13%	0.021%
212	15.595	2490	2492	2494	rBV2	531	518	0.09%	0.014%
213	15.616	2494	2496	2499	rVV4	806	728	0.13%	0.020%
214	15.638	2499	2500	2503	rVB3	575	297	0.05%	0.008%
215	15.771	2523	2525	2526	rBV	439	239	0.04%	0.006%
216	15.809	2530	2532	2533	rVB	819	342	0.06%	0.009%
217	15.830	2533	2536	2538	rBV2	537	513	0.09%	0.014%
218	15.846	2538	2539	2540	rBV	850	313	0.05%	0.008%
219	15.878	2544	2545	2546	rBV	906	306	0.05%	0.008%
220	15.889	2546	2547	2549	rBV2	375	261	0.05%	0.007%
221	15.926	2552	2554	2558	rVB2	494	449	0.08%	0.012%
222	15.958	2558	2560	2563	rBV	408	297	0.05%	0.008%
223	15.980	2563	2564	2566	rBV	634	484	0.08%	0.013%
224	16.081	2581	2583	2584	rBV2	306	208	0.04%	0.006%
225	16.092	2584	2585	2586	rVB	713	229	0.04%	0.006%
226	16.124	2588	2591	2593	rVB4	742	523	0.09%	0.014%
227	16.140	2593	2594	2595	rBV	489	194	0.03%	0.005%
228	16.183	2601	2602	2605	rBV2	769	838	0.15%	0.022%
229	16.289	2621	2622	2627	rBV3	489	587	0.10%	0.016%
230	16.327	2627	2629	2630	rVV2	713	446	0.08%	0.012%
231	16.343	2630	2632	2638	rVB4	720	967	0.17%	0.026%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49086.D
Acq On : 24 Feb 2009 22:09
Operator : AHD
Sample : AC42868-012
Misc : A,BN
ALS Vial : 40 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

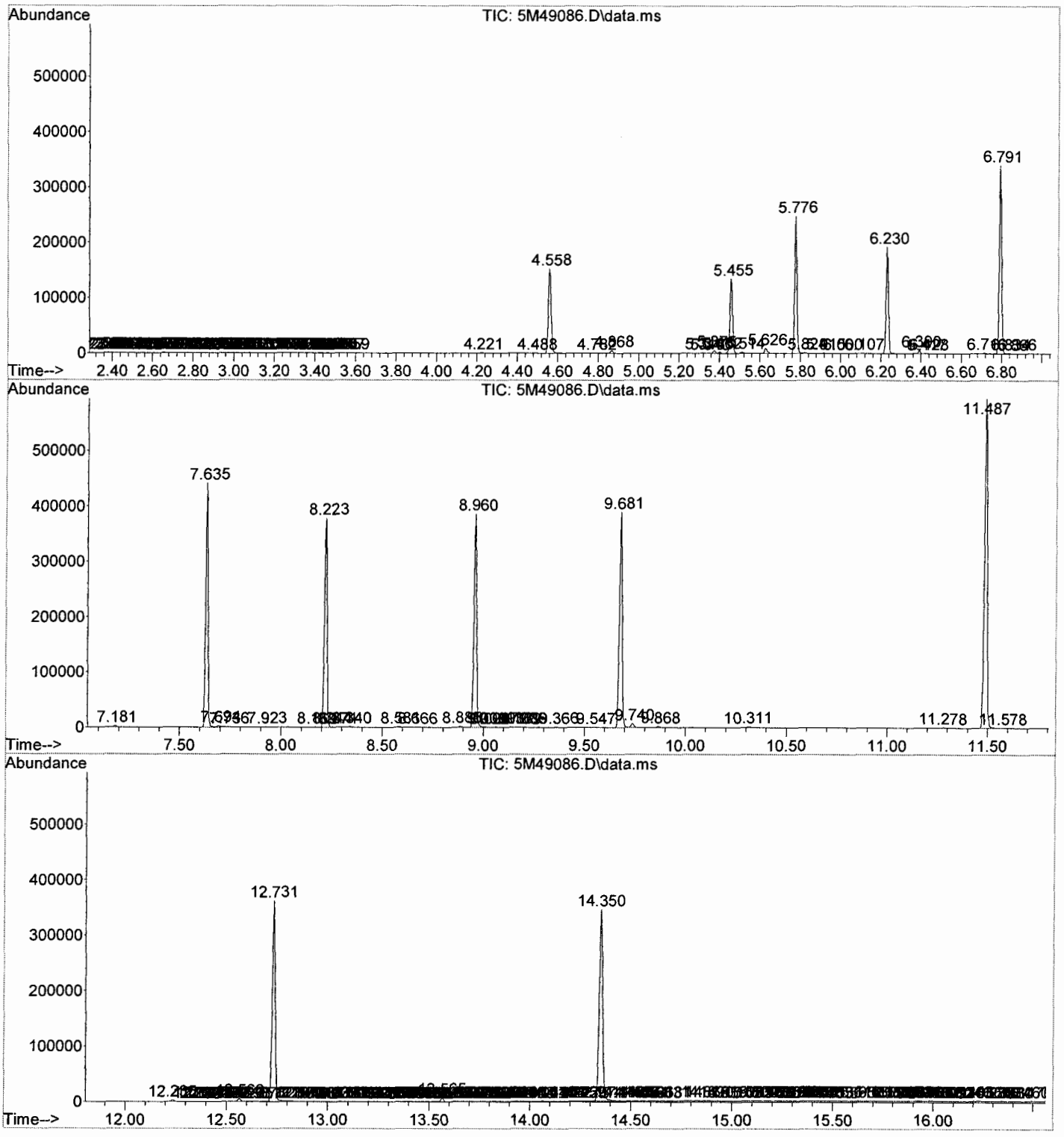
232	16.380	2638	2639	2642	rBV3	587	478	0.08%	0.013%
233	16.460	2653	2654	2656	rBV2	615	271	0.05%	0.007%
234	16.476	2656	2657	2658	rVB	529	177	0.03%	0.005%

Sum of corrected areas: 3731026

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49086.D
Acq On : 24 Feb 2009 22:09
Operator : AHD
Sample : AC42868-012
Misc : A,BN
ALS Vial : 40 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Quant Title : @GCMS_5,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49086.D
Acq On : 24 Feb 2009 22:09
Operator : AHD
Sample : AC42868-012
Misc : A,BN
ALS Vial : 40 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Quant Title : @GCMS_5,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

GC/MS Semi-Volatile Data
Standards Data

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M03053.	CAL BNA@50PPM	02/19/09 10:12	2	10M03060.	CAL BNA@2PPM	02/19/09 13:02
3	10M03059.	CAL BNA@10PPM	02/19/09 12:40	4	10M03058.	CAL BNA@20PPM	02/19/09 12:18
5	10M03057.	CAL BNA@80PPM	02/19/09 11:55	6	10M03056.	CAL BNA@120PPM	02/19/09 11:33
7	10M03055.	CAL BNA@160PPM	02/19/09 10:58	8	10M03054.	CAL BNA@196PPM	02/19/09 10:36

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.0592	1.0719	0.9905	0.9955	1.0742	1.1111	1.0956	1.1394	-----	1.07	2.76	0.999	1.00	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.6239	0.5097	0.5608	0.5642	0.6095	0.6051	0.6142	0.6285	-----	0.590	2.68	1.00	1.00	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.1348	1.0297	0.9653	1.0623	1.1172	1.1262	1.1808	1.2257	-----	1.11	4.37	0.998	1.00	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Qua	0.6970	1.0978	0.9446	0.9551	0.5639	0.4648	0.3803	0.3131	-----	0.677	5.21	0.888	0.994	43		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	LinF	1.8728	1.1568	1.6604	1.7521	1.8352	1.8259	1.9107	1.9949	-----	1.75	5.30	0.998	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.3929	0.4334	0.3678	0.3669	0.3766	0.3797	0.3838	0.3905	-----	0.386	5.34	1.00	1.00	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.1297	1.2664	1.0801	1.1009	1.0912	1.1074	1.1420	1.1745	-----	1.14	5.36	0.999	1.00	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.6160	1.5273	1.4981	1.5233	1.5701	1.5592	1.6326	1.7174	-----	1.58	5.27	0.997	0.999	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.7431	1.7169	1.5745	1.6218	1.7004	1.7078	1.7743	1.8810	-----	1.72	5.29	0.997	0.999	5.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.3637	1.3860	1.2368	1.2322	1.3420	1.3209	1.3706	1.4276	-----	1.34	5.40	0.998	0.999	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.0703	1.2023	1.0522	0.9705	1.0503	1.0452	1.0526	1.0530	-----	1.06	5.45	1.00	1.00	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.3-Dichlorobenzene	1	0	Avg	1.4552	1.6309	1.4576	1.3967	1.4435	1.4057	1.4445	1.4828	-----	1.46	5.54	0.999	1.00	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dichlorobenzene	1	0	Avg	1.5334	1.7389	1.4850	1.4220	1.4825	1.4754	1.5205	1.5509	-----	1.53	5.60	0.999	1.00	6.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Dichlorobenzene	1	0	Avg	1.4246	1.5865	1.3909	1.3434	1.4301	1.3798	1.4146	1.4577	-----	1.43	5.72	0.999	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.8863	0.8290	0.7669	0.8231	0.8461	0.8493	0.8822	0.9372	-----	0.853	5.71	0.997	0.999	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)e	1	0	Avg	1.3324	1.5925	1.2901	1.2907	1.2808	1.2565	1.2909	1.3380	-----	1.33	5.82	0.999	0.999	8.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.2257	1.1465	1.0990	1.2041	1.2109	1.2027	1.2447	1.3081	-----	1.21	5.80	0.998	0.999	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	2.0801	2.1393	1.9303	1.9586	2.0345	2.0107	2.1133	2.2009	-----	2.06	5.92	0.998	0.999	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5392	0.5769	0.5305	0.4883	0.5229	0.5230	0.5293	0.5432	-----	0.532	6.00	0.999	1.00	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	1.0209	1.0053	0.9542	1.0073	1.0141	1.0097	1.0558	1.0991	-----	1.02	5.92	0.998	1.00	4.1	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.3540	1.0784	1.2465	1.2882	1.3451	1.3343	1.4075	1.4770	-----	1.32	5.93	0.997	0.999	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1670	0.1484	0.1574	0.1588	0.1707	0.1721	0.1674	0.1717	-----	0.164	6.04	1.00	1.00	5.2		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3664	0.3850	0.3410	0.3398	0.3603	0.3566	0.3558	0.3601	-----	0.358	6.05	1.00	1.00	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.6714	0.6795	0.6501	0.6422	0.6686	0.6551	0.6519	0.6667	-----	0.661	6.24	1.00	1.00	1.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1986	0.1691	0.1838	0.1824	0.1975	0.1985	0.2012	0.2038	-----	0.192	6.31	1.00	1.00	6.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dimethylphenol	1	0	Avg	0.3593	0.3558	0.3478	0.3495	0.3533	0.3538	0.3504	0.3614	-----	0.354	6.34	1.00	1.00	1.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.1903	-----	0.0933	0.1524	0.2328	0.2568	0.2690	0.2738	-----	0.210	6.38	0.997	0.999	32		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.3823	0.3891	0.3626	0.3598	0.3807	0.3802	0.3767	0.3834	-----	0.377	6.41	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dichlorophenol	1	0	Avg	0.3099	0.2997	0.2896	0.3006	0.3165	0.3144	0.3123	0.3240	-----	0.308	6.49	0.999	1.00	3.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4-Trichlorobenzene	1	0	Avg	0.3605	0.4082	0.3310	0.3450	0.3549	0.3552	0.3471	0.3545	-----	0.357	6.55	1.00	1.00	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0693	1.1563	1.0562	1.0044	1.0569	1.0599	1.0428	1.0824	-----	1.07	6.61	0.999	1.00	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.3960	0.2834	0.3397	0.3965	0.3714	0.3552	0.3249	0.3137	-----	0.348	6.65	0.992	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.2161	0.2388	0.2126	0.1986	0.2110	0.2075	0.2024	0.2034	-----	0.211	6.70	1.00	1.00	5.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1258	0.1234	0.1123	0.1216	0.1263	0.1230	0.1232	0.1261	-----	0.123	6.89	1.00	1.00	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3312	0.3391	0.3042	0.3183	0.3300	0.3251	0.3240	0.3387	-----	0.326	7.01	0.999	0.999	3.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7550	0.7764	0.7218	0.7052	0.7504	0.7463	0.7462	0.7707	-----	0.747	7.13	0.999	1.00	3.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7550	0.7764	0.7218	0.7052	0.7504	0.7463	0.7462	0.7707	-----	0.747	7.13	0.999	1.00	3.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.1'-Biphenyl	1	0	Avg	0.9478	1.0932	0.9032	0.8958	0.9305	0.9217	0.9220	0.9571	-----	0.946	7.50	0.999	1.00	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4.5-Tetrachloroben	1	0	Avg	0.7163	0.7697	0.6665	0.6543	0.7043	0.6828	0.6913	0.6808	-----	0.696	7.26	1.00	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.3133	0.1597	0.2246	0.2489	0.3449	0.3540	0.3573	0.3542	-----	0.295	7.25	0.999	0.999	25	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Trichlorophenol	1	0	Avg	0.4063	0.3741	0.3642	0.3804	0.3958	0.3928	0.4038	0.3966	-----	0.389	7.35	0.999	0.999	3.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Avg Rsd: 7.59

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note:

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0612

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M03053.	CAL BNA@50PPM	02/19/09 10:12	2	10M03060.	CAL BNA@2PPM	02/19/09 13:02
3	10M03059.	CAL BNA@10PPM	02/19/09 12:40	4	10M03058.	CAL BNA@20PPM	02/19/09 12:18
5	10M03057.	CAL BNA@80PPM	02/19/09 11:55	6	10M03056.	CAL BNA@120PPM	02/19/09 11:33
7	10M03055.	CAL BNA@160PPM	02/19/09 10:58	8	10M03054.	CAL BNA@196PPM	02/19/09 10:36

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.4395	0.3832	0.3992	0.3895	0.4302	0.4246	0.4412	0.4311	-----	0.417	7.39	1.00	1.00	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.4166	1.4378	1.3613	1.2926	1.3845	1.3498	1.3622	1.3442	-----	1.37	7.42	0.999	0.999	3.3		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1520	1.2717	1.1150	1.0586	1.1445	1.1072	1.1437	1.1299	-----	1.14	7.52	1.00	1.00	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthalei	1	0	Avg	0.9578	1.0393	0.9440	0.8779	0.9198	0.9179	0.9496	0.9379	-----	0.943	7.79	1.00	1.00	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	0.9578	1.0393	0.9440	0.8779	0.9198	0.9179	0.9496	0.9379	-----	0.943	7.79	1.00	1.00	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.9240	0.9821	0.9277	0.8636	0.9184	0.8994	0.9171	0.9087	-----	0.918	7.58	1.00	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.4264	0.3519	0.3936	0.3967	0.4113	0.4025	0.4130	0.4114	-----	0.401	7.60	1.00	1.00	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.9005	1.9947	1.8455	1.7793	1.8671	1.8414	1.9121	1.9059	-----	1.88	7.87	1.00	1.00	3.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.3271	1.4424	1.2983	1.2934	1.3269	1.2920	1.3439	1.3310	-----	1.33	7.74	1.00	1.00	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.3252	0.2731	0.3053	0.3089	0.3301	0.3234	0.3307	0.3268	-----	0.315	7.80	1.00	1.00	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.2262	1.3553	1.2105	1.1361	1.1935	1.1824	1.2161	1.1938	-----	1.21	8.01	1.00	1.00	5.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3091	0.2071	0.2633	0.2926	0.2862	0.2755	0.2750	0.2799	-----	0.274	7.94	0.999	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	Qua	0.1852	-----	0.0690	0.1269	0.2005	0.2048	0.2300	0.2358	-----	0.179	8.04	0.996	0.999	34	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.7346	1.8239	1.7007	1.6478	1.6859	1.6596	1.7260	1.7234	-----	1.71	8.17	1.00	1.00	3.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.4383	0.3520	0.4027	0.4163	0.4326	0.4283	0.4517	0.4497	-----	0.421	8.15	0.999	1.00	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	LinF	0.2417	0.1517	0.2239	0.2354	0.2473	0.2525	0.2628	0.2672	-----	0.235	8.08	0.999	1.00	16	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.3970	0.3832	0.3545	0.3803	0.4064	0.4031	0.4192	0.4197	-----	0.395	8.27	1.00	1.00	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.4385	1.4822	1.3890	1.3860	1.4428	1.4102	1.4711	1.4747	-----	1.44	8.48	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.7286	0.7825	0.6959	0.6866	0.7282	0.6997	0.7314	0.7239	-----	0.722	8.48	0.999	1.00	4.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.3309	1.3533	1.2839	1.2629	1.3116	1.2857	1.3260	1.3296	-----	1.31	8.36	1.00	1.00	2.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3631	0.2585	0.3184	0.3253	0.3296	0.3364	0.3554	0.3641	-----	0.331	8.49	0.998	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4622	0.4346	0.4314	0.4405	0.4501	0.4356	0.4558	0.4649	-----	0.447	9.11	0.999	0.999	2.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Qua	0.1564	-----	0.0944	0.1219	0.1612	0.1630	0.1707	0.1713	-----	0.148	8.52	1.00	1.00	20		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.7269	0.7388	0.6824	0.6586	0.7220	0.6999	0.7074	0.7054	-----	0.705	8.58	1.00	1.00	3.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Tribromophenol	1	0	Avg	0.1612	0.1276	0.1489	0.1445	0.1608	0.1574	0.1631	0.1621	-----	0.153	8.71	1.00	1.00	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	0.7513	0.7508	0.7345	0.6798	0.7482	0.7233	0.7450	0.7227	-----	0.732	8.62	0.999	1.00	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.2756	0.2843	0.2681	0.2554	0.2773	0.2701	0.2730	0.2727	-----	0.272	8.95	1.00	1.00	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.3233	0.3443	0.3156	0.3096	0.3182	0.3098	0.3138	0.3070	-----	0.318	9.01	1.00	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.3852	0.3721	0.3497	0.3401	0.3873	0.3801	0.3836	0.3768	-----	0.372	9.29	1.00	1.00	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.1512	-----	0.0811	0.1173	0.1671	0.1731	0.1837	0.1863	-----	0.151	9.21	0.999	1.00	26	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.2131	1.3742	1.1956	1.1539	1.2096	1.1764	1.2093	1.2008	-----	1.22	9.44	1.00	1.00	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.2425	1.2970	1.2056	1.1665	1.2405	1.2082	1.2495	1.2358	-----	1.23	9.49	1.00	1.00	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.1597	1.1600	1.1046	1.1174	1.1671	1.1237	1.1728	1.1678	-----	1.15	9.66	1.00	1.00	2.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.3196	1.1864	1.2112	1.2266	1.3281	1.2709	1.3426	1.3298	-----	1.28	10.05	0.999	0.999	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.3631	1.3363	1.2760	1.3065	1.3657	1.2963	1.3691	1.3818	-----	1.34	10.75	0.999	0.999	2.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.3544	1.2995	1.2607	1.2081	1.3489	1.3178	1.3519	1.3091	-----	1.31	11.01	0.999	1.00	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.3437	0.1805	0.2966	0.3742	0.2548	0.2326	0.1993	0.1704	-----	0.257	10.92	0.932	0.993	29		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Terphenyl-d14	1	0	LinF	1.1419	1.1017	1.0449	0.9925	1.1249	1.0966	1.1170	1.1106	-----	1.09	11.20	1.00	1.00	4.5		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4.4'-DDE	1	0	Avg	0.3115	0.2973	0.2976	0.2686	0.3099	0.3058	0.3103	0.3022	-----	0.300	11.14	0.999	1.00	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0647	0.0703	0.0601	0.0552	0.0654	0.0644	0.0656	0.0649	-----	0.0638	11.46	1.00	1.00	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.4'-DDD	1	0	Avg	0.5360	0.4748	0.4766	0.4785	0.5226	0.5156	0.5338	0.5238	-----	0.508	11.54	1.00	1.00	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Avg Rsd: 7.59

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note:
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M03053.	CAL BNA@50PPM	02/19/09 10:12	2	10M03060.	CAL BNA@2PPM	02/19/09 13:02
3	10M03059.	CAL BNA@10PPM	02/19/09 12:40	4	10M03058.	CAL BNA@20PPM	02/19/09 12:18
5	10M03057.	CAL BNA@80PPM	02/19/09 11:55	6	10M03056.	CAL BNA@120PPM	02/19/09 11:33
7	10M03055.	CAL BNA@160PPM	02/19/09 10:58	8	10M03054.	CAL BNA@196PPM	02/19/09 10:36

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.5374	0.4355	0.4860	0.4695	0.5350	0.5236	0.5461	0.5355	-----	0.509	11.79	0.999	1.00	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0316	0.0297	0.0323	0.0285	0.0306	0.0300	0.0298	0.0289	-----	0.0302	11.45	0.999	1.00	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDT	1	0	Avg	0.5712	0.4469	0.4857	0.4839	0.5624	0.5546	0.5815	0.5716	-----	0.532	11.89	0.999	0.999	9.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0740	0.0783	0.0701	0.0672	0.0715	0.0704	0.0723	0.0718	-----	0.0720	12.35	1.00	1.00	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.3830	0.3545	0.3202	0.3759	0.3582	0.3412	0.3339	0.3137	-----	0.348	12.40	0.995	1.00	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.3597	1.4741	1.3159	1.2829	1.3502	1.3126	1.3324	1.3076	-----	1.34	12.42	1.00	1.00	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.2951	1.3832	1.2817	1.2119	1.2701	1.2449	1.2780	1.2695	-----	1.28	12.46	1.00	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.7629	0.7002	0.6833	0.6614	0.7591	0.7381	0.7759	0.7656	-----	0.731	12.49	0.999	0.999	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Qua	1.1574	0.9953	0.9590	0.9711	1.1891	1.1618	1.3490	1.4002	-----	1.15	13.24	0.991	0.998	15	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.2194	1.4025	1.1571	1.1498	1.2633	1.2330	1.2813	1.4014	-----	1.26	13.63	0.994	0.998	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.2949	1.3596	1.2035	1.1435	1.2587	1.2305	1.3340	1.2929	-----	1.26	13.66	0.998	0.999	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.1955	1.3112	1.1091	1.0967	1.1982	1.1818	1.2270	1.2332	-----	1.19	13.96	0.999	1.00	5.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	LinF	1.2947	1.8667	1.2528	1.2435	1.2885	1.3006	1.2462	1.2084	-----	1.34	15.21	0.998	1.00	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.1136	1.5205	1.0144	1.0511	1.0819	1.1103	1.0729	1.0457	-----	1.13	15.23	0.999	1.00	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	LinF	1.0728	1.6857	1.0430	0.9916	1.0390	1.0627	0.9916	0.9585	-----	1.11	15.54	0.997	0.999	21		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.59
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0614

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03053.D Sam Mult : 1 Vial# : 2 Qt On : 02/19/09 11:31
Acq On : 02/19/09 10:12 Misc : A,BNA Qt Upd On: 02/19/09 11:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.584	152	74256	40.00	ng	-0.03
23) Naphthalene-d8	6.600	136	288732	40.00	ng	-0.02
41) Acenaphthene-d10	7.990	164	178918	40.00	ng	-0.02
67) Phenanthrene-d10	9.413	188	312921	40.00	ng	-0.03
81) Chrysene-d12	12.441	240	335839	40.00	ng	-0.02
96) Perylene-d12	14.029	264	364665	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.364	112	105337	52.80	ng	-0.03
Spiked Amount 100.000			Recovery = 52.80%			
9) Phenol-d5	5.279	99	149999	53.60	ng	-0.02
Spiked Amount 100.000			Recovery = 53.60%			
24) Nitrobenzene-d5	6.038	128	30140	26.35	ng	-0.02
Spiked Amount 50.000			Recovery = 52.70%			
46) 2-Fluorobiphenyl	7.418	172	158410	25.68	ng	-0.02
Spiked Amount 50.000			Recovery = 51.36%			
70) 2,4,6-Tribromophenol	8.713	330	63062	52.96	ng	-0.02
Spiked Amount 100.000			Recovery = 52.96%			
84) Terphenyl-d14	11.205	244	239687	27.74	ng	-0.03
Spiked Amount 50.000			Recovery = 55.48%			
Target Compounds						Qvalue
2) Pyridine	2.690	79	98315	48.54	ng	67
3) N-Nitrosodimethylamine	2.631	74	57913	53.78	ng	79
5) Benzaldehyde	5.204	77	64700	38.39	ng	76
6) Aniline	5.300	93	173834	61.47	ng	70
7) Pentachloroethane	5.343	117	36474	49.86	ng	71
8) bis(2-Chloroethyl)ether	5.364	93	104861	51.17	ng	79
10) Phenol	5.289	94	161796	52.46	ng	95
11) 2-Chlorophenol	5.402	128	126582	52.24	ng	80
12) N-Decane	5.455	57	99346	50.22	ng	76
13) 1,3-Dichlorobenzene	5.535	146	135077	50.13	ng	96
14) 1,4-Dichlorobenzene	5.600	146	142337	50.16	ng	99
15) 1,2-Dichlorobenzene	5.723	146	132237	49.55	ng	98
16) Benzyl alcohol	5.707	108	82267	55.15	ng	76
17) bis(2-chloroisopropyl)...	5.819	45	123682	51.54	ng	71
18) 2-Methylphenol	5.803	108	113778	51.24	ng	98
19) Acetophenone	5.921	105	193078	52.30	ng	69
20) Hexachloroethane	6.001	117	50049	50.43	ng	62
21) N-Nitroso-di-n-propyla...	5.921	70	94765	50.81	ng	76
22) 3&4-Methylphenol	5.926	108	125685	52.58	ng	96
25) Nitrobenzene	6.054	77	132243	51.96	ng	84
26) Isophorone	6.247	82	242325	51.93	ng	80
27) 2-Nitrophenol	6.306	139	71710	52.99	ng	92
28) 2,4-Dimethylphenol	6.338	107	129710	52.26	ng	95
29) Benzoic Acid	6.413	105	68701m	47.19	ng	
30) bis(2-Chloroethoxy)met...	6.413	93	138001	52.00	ng	96
31) 2,4-Dichlorophenol	6.493	162	111864	51.26	ng	85
32) 1,2,4-Trichlorobenzene	6.552	180	130127	50.76	ng	98
33) Naphthalene	6.616	128	385932	50.17	ng	99
34) 4-Chloroaniline	6.653	127	142940	67.68	ng	97
35) Hexachlorobutadiene	6.701	225	78001	51.58	ng	96
36) Caprolactam	6.931	113	45414	53.55	ng	52
37) 4-Chloro-3-methylphenol	7.017	107	119556	51.91	ng	84
38) 2-Methylnaphthalene	7.140	142	272517	51.06	ng	99
39) Methylnaphthalenes (To...	7.140	142	272517	51.06	ng	99
40) 1,1'-Biphenyl	7.504	154	342082	50.79	ng	92
42) 1,2,4,5-Tetrachloroben...	7.268	216	160199	51.29	ng	96
43) Hexachlorocyclopentadiene	7.258	237	70087	50.36	ng	97
44) 2,4,6-Trichlorophenol	7.354	196	90883	52.96	ng	97
45) 2,4,5-Trichlorophenol	7.386	196	98304	52.63	ng	99
47) 2-Chloronaphthalene	7.525	162	257655	51.19	ng	92
48) 1,4-Dimethylnaphthalene	7.793	156	214229	51.43	ng	88
49) Dimethylnaphthalenes (...	7.793	156	214229	51.43	ng	88
50) Diphenyl Ether	7.584	170	206663	50.99	ng	77
51) 2-Nitroaniline	7.600	65	95369	52.72	ng	67
52) Acenaphthylene	7.867	152	425062	50.86	ng	98
53) Dimethylphthalate	7.744	163	296814	49.78	ng	96
54) 2,6-Dinitrotoluene	7.803	165	72736	51.24	ng	51
55) Acenaphthene	8.017	153	274247	50.58	ng	94
56) 3-Nitroaniline	7.948	138	69135	62.37	ng	71
57) 2,4-Dinitrophenol	8.039	184	41438	57.55	ng	81
58) Dibenzofuran	8.167	168	387940	50.35	ng	83
59) 2,4-Dinitrotoluene	8.151	165	98034	51.95	ng	59

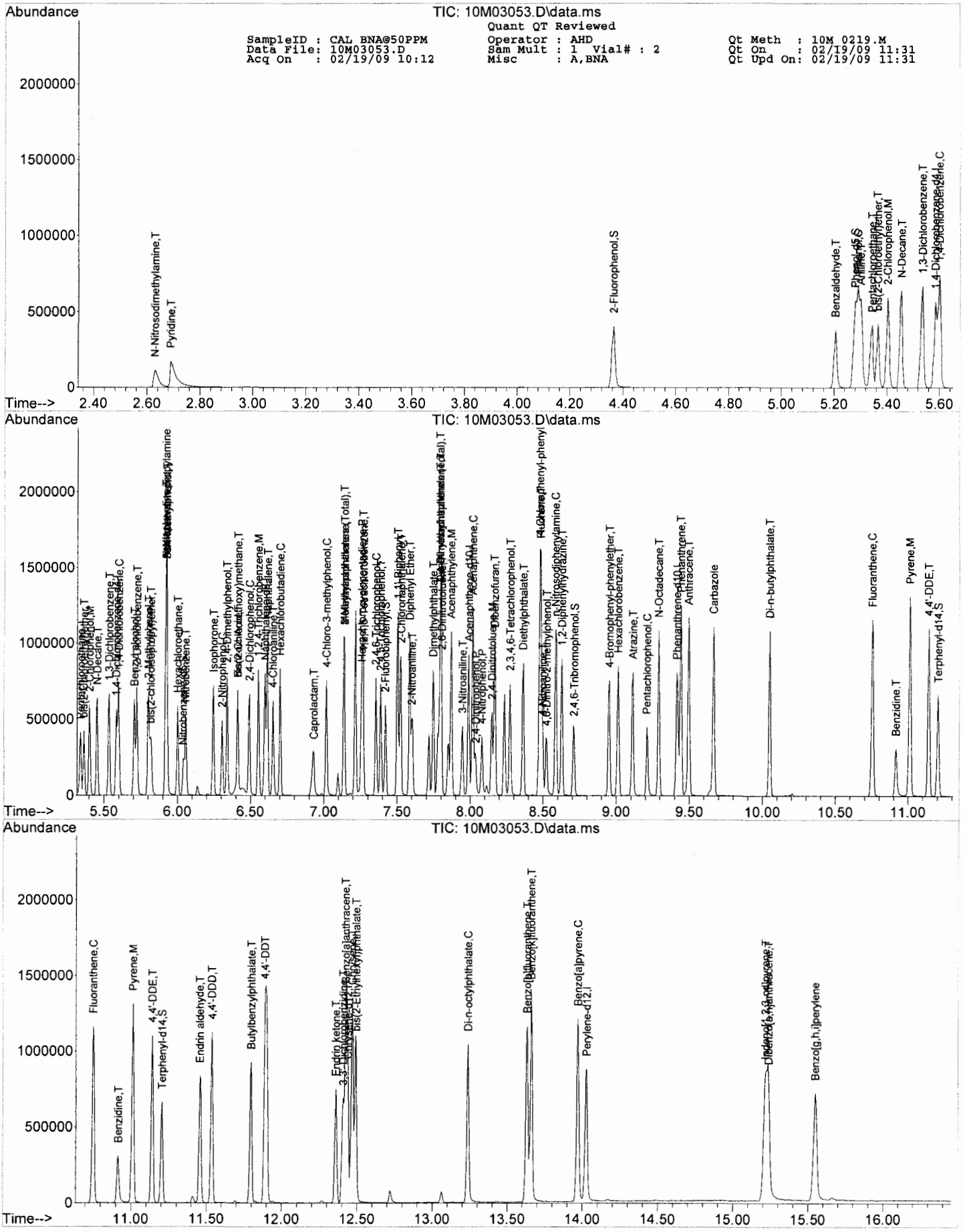
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03053.D Sam Mult : 1 Vial# : 2 Qt On : 02/19/09 11:31
Acq On : 02/19/09 10:12 Misc : A,BNA Qt Upd On: 02/19/09 11:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.081	65	54058	52.02	ng	84
61)	2,3,4,6-Tetrachlorophenol	8.274	232	88797	50.64	ng	79
62)	Fluorene	8.483	166	321733	49.96	ng	98
63)	4-Chlorophenyl-phenyle...	8.477	204	162956	50.31	ng	77
64)	Diethylphthalate	8.365	149	297656	50.30	ng	95
65)	4-Nitroaniline	8.499	138	81215	56.49	ng	78
66)	Atrazine	9.114	200	103376	51.05	ng	94
68)	4,6-Dinitro-2-methylph...	8.525	198	61210	56.07	ng	100
69)	n-Nitrosodiphenylamine	8.584	169	284339	52.25	ng	98
71)	1,2-Diphenylhydrazine	8.627	77	293881	52.51	ng	81
72)	4-Bromophenyl-phenylether	8.953	248	107827	51.74	ng	76
73)	Hexachlorobenzene	9.012	284	126486	50.44	ng	55
74)	N-Octadecane	9.290	57	150708	53.87	ng	71
75)	Pentachlorophenol	9.210	266	59169	49.48	ng	97
76)	Phenanthrene	9.440	178	474510	50.04	ng	98
77)	Anthracene	9.493	178	486026	50.96	ng	98
78)	Carbazole	9.665	167	453652	51.01	ng	97
79)	Di-n-butylphthalate	10.050	149	516168	52.25	ng	97
80)	Fluoranthene	10.750	202	533201	50.54	ng	86
82)	Pyrene	11.012	202	568576	54.19	ng	83
83)	Benzidine	10.916	184	144305	69.75	ng	83
85)	4,4'-DDE	11.141	246	130798	53.98	ng	87
86)	Endrin	11.456	81	27164	54.94	ng	20
87)	4,4'-DDD	11.537	235	225043	55.13	ng	93
88)	Butylbenzylphthalate	11.799	149	225610	55.46	ng	68
89)	Endrin aldehyde	11.456	67	13289	53.94	ng	79
90)	4,4'-DDT	11.890	235	239824	55.63	ng	93
91)	Endrin ketone	12.360	317	31079	52.95	ng	98
92)	3,3'-Dichlorobenzidine	12.408	252	160814	66.77	ng	94
93)	Benzo[a]anthracene	12.425	228	570836	52.21	ng	99
94)	Chrysene	12.467	228	543718	51.03	ng	97
95)	bis(2-Ethylhexyl)phtha...	12.494	149	320297	55.62	ng	90
97)	Di-n-octylphthalate	13.237	149	527584	55.31	ng	99
98)	Benzo[b]fluoranthene	13.633	252	555866	50.74	ng	90
99)	Benzo[k]fluoranthene	13.660	252	590264	52.10	ng	90
100)	Benzo[a]pyrene	13.970	252	544971	52.00	ng	88
101)	Indeno[1,2,3-cd]pyrene	15.216	276	590189	51.60	ng	66
102)	Dibenzo[a,h]anthracene	15.238	278	507646	52.44	ng	80
103)	Benzo[g,h,i]perylene	15.548	276	489053	51.85	ng	74

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


Abundance
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Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 10M03053.D
Acq On : 02/19/09 10:12
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 10M 0219.M
Qt On : 02/19/09 11:31
Qt Upd On: 02/19/09 11:31
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->

Abundance
TIC: 10M03053.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2-Nitrophenol,P
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Hexachlorobutadiene,C
Diphenyl Ether,T
2-Nitroaniline,T
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,T
Acenaphthene,C
2,4-Dinitrophenol,P
4-Nitrophenol,P
Dibenzofuran,T
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,M
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->

Abundance
TIC: 10M03053.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03060.D Sam Mult : 1 Vial# : 9 Qt On : 02/19/09 13:20
Acq On : 02/19/09 13:02 Misc : A,BNA Qt Upd On: 02/19/09 13:05

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	5.583	152	70228	40.00	ng		0.00
23) Naphthalene-d8	6.594	136	275651	40.00	ng		0.00
41) Acenaphthene-d10	7.985	164	175816	40.00	ng		0.00
67) Phenanthrene-d10	9.413	188	310166	40.00	ng		0.00
81) Chrysene-d12	12.435	240	343718	40.00	ng		0.00
96) Perylene-d12	14.029	264	382451	40.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.369	112	3616	1.85	ng		0.00
Spiked Amount 100.000			Recovery = 1.85%				
9) Phenol-d5	5.273	99	5363	1.92	ng		0.00
Spiked Amount 100.000			Recovery = 1.92%				
24) Nitrobenzene-d5	6.043	128	1023	0.89	ng		0.00
Spiked Amount 50.000			Recovery = 1.78%				
46) 2-Fluorobiphenyl	7.418	172	6320	1.06	ng		0.00
Spiked Amount 50.000			Recovery = 2.12%				
70) 2,4,6-Tribromophenol	8.707	330	1980	1.63	ng		0.00
Spiked Amount 100.000			Recovery = 1.63%				
84) Terphenyl-d14	11.205	244	9467	1.01	ng		0.00
Spiked Amount 50.000			Recovery = 2.02%				
Target Compounds							Qvalue
2) Pyridine	2.759	79	3764m	2.01	ng		
3) N-Nitrosodimethylamine	2.679	74	1790	1.70	ng		77
5) Benzaldehyde	5.209	77	3855	3.56	ng		87
6) Aniline	5.300	93	4062	1.26	ng		42
7) Pentachloroethane	5.337	117	1522	2.28	ng		78
8) bis(2-Chloroethyl)ether	5.364	93	4447m	2.27	ng		
10) Phenol	5.289	94	6029	2.00	ng		90
11) 2-Chlorophenol	5.402	128	4867	2.09	ng		76
12) N-Decane	5.450	57	4222	2.31	ng		80
13) 1,3-Dichlorobenzene	5.535	146	5727	2.26	ng		97
14) 1,4-Dichlorobenzene	5.600	146	6106	2.33	ng		82
15) 1,2-Dichlorobenzene	5.723	146	5571	2.26	ng		95
16) Benzyl alcohol	5.707	108	2911	1.94	ng		77
17) bis(2-chloroisopropyl)...	5.819	45	5592	2.46	ng		69
18) 2-Methylphenol	5.797	108	4026	1.89	ng		95
19) Acetophenone	5.920	105	7512	2.09	ng		65
20) Hexachloroethane	6.001	117	2026	2.20	ng		57
21) N-Nitroso-di-n-propyla...	5.920	70	3530	1.97	ng		76
22) 3&4-Methylphenol	5.926	108	3787	1.60	ng		97
25) Nitrobenzene	6.054	77	5307	2.17	ng		89
26) Isophorone	6.241	82	9366	2.07	ng		83
27) 2-Nitrophenol	6.306	139	2331	1.73	ng		93
28) 2,4-Dimethylphenol	6.338	107	4905	2.01	ng		95
29) Benzoic Acid	6.380	105	899	0.62	ng	#	49
30) bis(2-Chloroethoxy)met...	6.413	93	5363	2.07	ng		93
31) 2,4-Dichlorophenol	6.493	162	4131	1.94	ng		85
32) 1,2,4-Trichlorobenzene	6.552	180	5626	2.33	ng		96
33) Naphthalene	6.610	128	15937	2.20	ng		94
34) 4-Chloroaniline	6.653	127	3906	1.59	ng		81
35) Hexachlorobutadiene	6.701	225	3292	2.30	ng		89
36) Caprolactam	6.894	113	1701	2.01	ng		54
37) 4-Chloro-3-methylphenol	7.012	107	4674	2.09	ng		89
38) 2-Methylnaphthalene	7.135	142	10702	2.09	ng		97
39) Methylnaphthalenes (To...	7.135	142	10702	2.09	ng		97
40) 1,1'-Biphenyl	7.498	154	15068	2.36	ng		91
42) 1,2,4,5-Tetrachloroben...	7.263	216	6767	2.25	ng		100
43) Hexachlorocyclopentadiene	7.252	237	1404	1.02	ng		92
44) 2,4,6-Trichlorophenol	7.354	196	3289	1.91	ng		85
45) 2,4,5-Trichlorophenol	7.386	196	3369	1.82	ng		97
47) 2-Chloronaphthalene	7.520	162	11180	2.27	ng		89
48) 1,4-Dimethylnaphthalene	7.792	156	9137	2.24	ng		83
49) Dimethylnaphthalenes (...	7.792	156	9137	2.24	ng		83
50) Diphenyl Ether	7.584	170	8634	2.16	ng		73
51) 2-Nitroaniline	7.600	65	3094	1.73	ng		63
52) Acenaphthylene	7.867	152	17535	2.14	ng		97
53) Dimethylphthalate	7.739	163	12680	2.19	ng		95
54) 2,6-Dinitrotoluene	7.798	165	2401	1.70	ng		61
55) Acenaphthene	8.012	153	11915	2.27	ng		89
56) 3-Nitroaniline	7.942	138	1821	1.46	ng		72
57) 2,4-Dinitrophenol	0.000		0	N.D.			
58) Dibenzofuran	8.167	168	16034	2.15	ng		87
59) 2,4-Dinitrotoluene	8.145	165	3095	1.63	ng		75

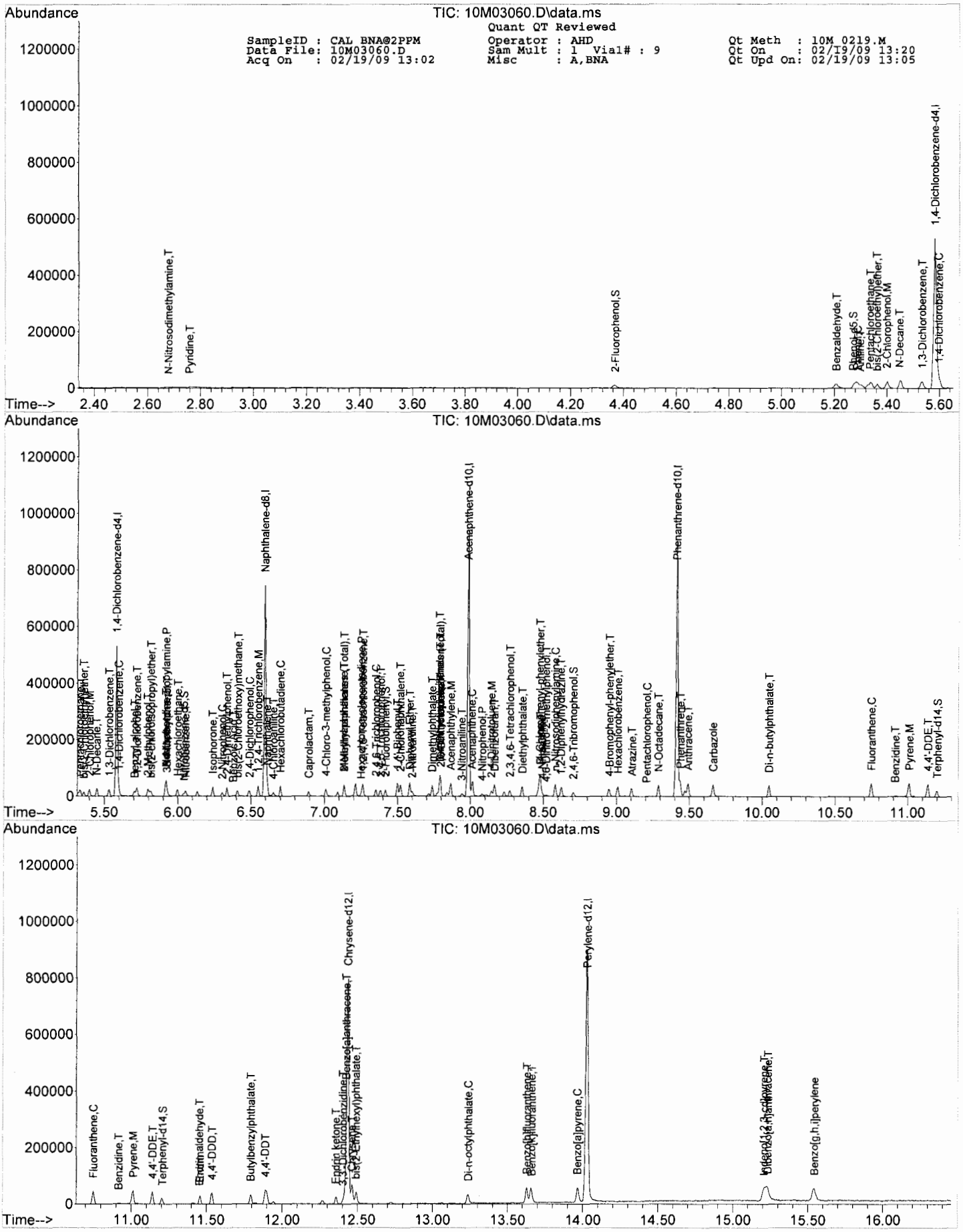
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03060.D Sam Mult : 1 Vial# : 9 Qt On : 02/19/09 13:20
Acq On : 02/19/09 13:02 Misc : A,BNA Qt Upd On: 02/19/09 13:05

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60) 4-Nitrophenol	8.081	65	1334	1.23 ng	85
61) 2,3,4,6-Tetrachlorophenol	8.274	232	3369	1.93 ng	75
62) Fluorene	8.482	166	13030	2.07 ng	99
63) 4-Chlorophenyl-phenyle...	8.477	204	6879	2.19 ng	76
64) Diethylphthalate	8.359	149	11897	2.08 ng	94
65) 4-Nitroaniline	8.493	138	2273	1.51 ng	73
66) Atrazine	9.108	200	3821	1.94 ng	91
68) 4,6-Dinitro-2-methylph...	8.520	198	595	0.52 ng	100
69) n-Nitrosodiphenylamine	8.584	169	11458	2.11 ng	96
71) 1,2-Diphenylhydrazine	8.621	77	11645	2.06 ng	89
72) 4-Bromophenyl-phenylether	8.953	248	4410	2.10 ng	71
73) Hexachlorobenzene	9.012	284	5340	2.19 ng	60
74) N-Octadecane	9.290	57	5772	2.00 ng	77
75) Pentachlorophenol	9.210	266	507	0.43 ng	81
76) Phenanthrene	9.440	178	21312	2.30 ng	98
77) Anthracene	9.493	178	20115	2.12 ng	97
78) Carbazole	9.664	167	17990	2.03 ng	97
79) Di-n-butylphthalate	10.050	149	18400	1.84 ng	93
80) Fluoranthene	10.750	202	20724	2.00 ng	84
82) Pyrene	11.012	202	22334	1.99 ng	87
83) Benzidine	10.916	184	3103	1.35 ng	64
85) 4,4'-DDE	11.141	246	5110	1.98 ng	89
86) Endrin	11.456	81	1209	2.24 ng	39
87) 4,4'-DDD	11.537	235	8161	1.85 ng	93
88) Butylbenzylphthalate	11.793	149	7485	1.68 ng	76
89) Endrin aldehyde	11.451	67	511m	1.96 ng	
90) 4,4'-DDT	11.890	235	7682	1.64 ng	96
91) Endrin ketone	12.355	317	1346	2.20 ng	87
92) 3,3'-Dichlorobenzidine	12.403	252	6094	2.05 ng	94
93) Benzo[a]anthracene	12.424	228	25335	2.23 ng	97
94) Chrysene	12.462	228	23773	2.19 ng	98
95) bis(2-Ethylhexyl)phtha...	12.489	149	12034	1.90 ng	96
97) Di-n-octylphthalate	13.237	149	19034	1.70 ng	95
98) Benzo[b]fluoranthene	13.628	252	26821	2.26 ng	88
99) Benzo[k]fluoranthene	13.660	252	26000m	2.17 ng	
100) Benzo[a]pyrene	13.965	252	25075	2.23 ng	91
101) Indeno[1,2,3-cd]pyrene	15.206	276	35697	2.96 ng	66
102) Dibenzo[a,h]anthracene	15.232	278	29077	2.84 ng	82
103) Benzo[g,h,i]perylene	15.543	276	32236	3.30 ng	76

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@2PPM
Data File: 10M03060.D
Acq On : 02/19/09 13:02
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 10M_0219.M
Qt On : 02/19/09 13:20
Qt Upd On: 02/19/09 13:05
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,C
Time-->

Abundance
TIC: 10M03060.D\data.ms
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Isophorone,T
4-Chloro-3-methylphenol,C
Caprolactam,T
Hexachlorobutadiene,C
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene,C
4-Nitrophenol,P
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->

Abundance
TIC: 10M03060.D\data.ms
Chrysene-d12,I
Perylene-d12,I
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03059.D Sam Mult : 1 Vial# : 8 Qt On : 02/19/09 13:04
Acq On : 02/19/09 12:40 Misc : A,BNA Qt Upd On: 02/19/09 12:37

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.583	152	71982	40.00	ng	0.00
23) Naphthalene-d8	6.594	136	278680	40.00	ng	0.00
41) Acenaphthene-d10	7.985	164	174690	40.00	ng	0.00
67) Phenanthrene-d10	9.413	188	305516	40.00	ng	0.00
81) Chrysene-d12	12.435	240	335995	40.00	ng	0.00
96) Perylene-d12	14.029	264	374451	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.364	112	17372	8.46	ng	0.00
Spiked Amount 100.000			Recovery = 8.46%			
9) Phenol-d5	5.273	99	26959	9.34	ng	0.00
Spiked Amount 100.000			Recovery = 9.34%			
24) Nitrobenzene-d5	6.038	128	5483	4.69	ng	0.00
Spiked Amount 50.000			Recovery = 9.38%			
46) 2-Fluorobiphenyl	7.418	172	29727	5.01	ng	0.00
Spiked Amount 50.000			Recovery = 10.02%			
70) 2,4,6-Tribromophenol	8.707	330	11379	9.41	ng	0.00
Spiked Amount 100.000			Recovery = 9.41%			
84) Terphenyl-d14	11.205	244	43885	4.76	ng	0.00
Spiked Amount 50.000			Recovery = 9.52%			
Target Compounds						Qvalue
2) Pyridine	2.722	79	17825	9.18	ng	66
3) N-Nitrosodimethylamine	2.647	74	10093	9.23	ng	77
5) Benzaldehyde	5.204	77	17000	16.80	ng	79
6) Aniline	5.300	93	29881	8.90	ng	71
7) Pentachloroethane	5.343	117	6620	9.64	ng	67
8) bis(2-Chloroethyl)ether	5.364	93	19437	9.61	ng	78
10) Phenol	5.289	94	28334	9.06	ng	94
11) 2-Chlorophenol	5.402	128	22258	9.21	ng	80
12) N-Decane	5.455	57	18935	10.11	ng	84
13) 1,3-Dichlorobenzene	5.535	146	26231	10.14	ng	97
14) 1,4-Dichlorobenzene	5.599	146	26725	9.92	ng	96
15) 1,2-Dichlorobenzene	5.723	146	25031	9.88	ng	99
16) Benzyl alcohol	5.701	108	13802	8.81	ng	84
17) bis(2-chloroisopropyl)...	5.819	45	23217	9.94	ng	65
18) 2-Methylphenol	5.797	108	19778	8.92	ng	94
19) Acetophenone	5.915	105	34738	9.34	ng	65
20) Hexachloroethane	6.001	117	9548	10.12	ng	64
21) N-Nitroso-di-n-propyla...	5.920	70	17173	9.22	ng	67
22) 3&4-Methylphenol	5.926	108	22432	9.11	ng	97
25) Nitrobenzene	6.054	77	23764	9.57	ng	79
26) Isophorone	6.241	82	45299	9.86	ng	83
27) 2-Nitrophenol	6.306	139	12806	9.33	ng	84
28) 2,4-Dimethylphenol	6.338	107	24233	9.81	ng	99
29) Benzoic Acid	6.386	105	6503	4.07	ng	87
30) bis(2-Chloroethoxy)met...	6.412	93	25266	9.61	ng	97
31) 2,4-Dichlorophenol	6.487	162	20180	9.25	ng	88
32) 1,2,4-Trichlorobenzene	6.552	180	23064	9.38	ng	92
33) Naphthalene	6.610	128	73591	10.03	ng	97
34) 4-Chloroaniline	6.653	127	23673	9.45	ng	98
35) Hexachlorobutadiene	6.701	225	14812	10.29	ng	97
36) Caprolactam	6.899	113	7825	9.03	ng	61
37) 4-Chloro-3-methylphenol	7.012	107	21200	9.28	ng	83
38) 2-Methylnaphthalene	7.135	142	50292	9.68	ng	96
39) Methylnaphthalenes (To...	7.135	142	50292	9.68	ng	96
40) 1,1'-Biphenyl	7.498	154	62927	9.72	ng	93
42) 1,2,4,5-Tetrachloroben...	7.263	216	29108	9.68	ng	95
43) Hexachlorocyclopentadiene	7.252	237	9811	6.83	ng	94
44) 2,4,6-Trichlorophenol	7.354	196	15907	9.20	ng	96
45) 2,4,5-Trichlorophenol	7.381	196	17436	9.37	ng	97
47) 2-Chloronaphthalene	7.520	162	48697	9.93	ng	95
48) 1,4-Dimethylnaphthalene	7.792	156	41227	10.18	ng	89
49) Dimethylnaphthalenes (...	7.792	156	41227	10.18	ng	89
50) Diphenyl Ether	7.584	170	40515	10.25	ng	77
51) 2-Nitroaniline	7.600	65	17192	9.60	ng	68
52) Acenaphthylene	7.867	152	80600	9.88	ng	95
53) Dimethylphthalate	7.739	163	56700	9.84	ng	97
54) 2,6-Dinitrotoluene	7.798	165	13337	9.42	ng	58
55) Acenaphthene	8.017	153	52869	10.16	ng	96
56) 3-Nitroaniline	7.942	138	11503	9.20	ng	76
57) 2,4-Dinitrophenol	8.038	184	3016	3.50	ng	63
58) Dibenzofuran	8.167	168	74274	10.03	ng	85
59) 2,4-Dinitrotoluene	8.145	165	17588	9.23	ng	72

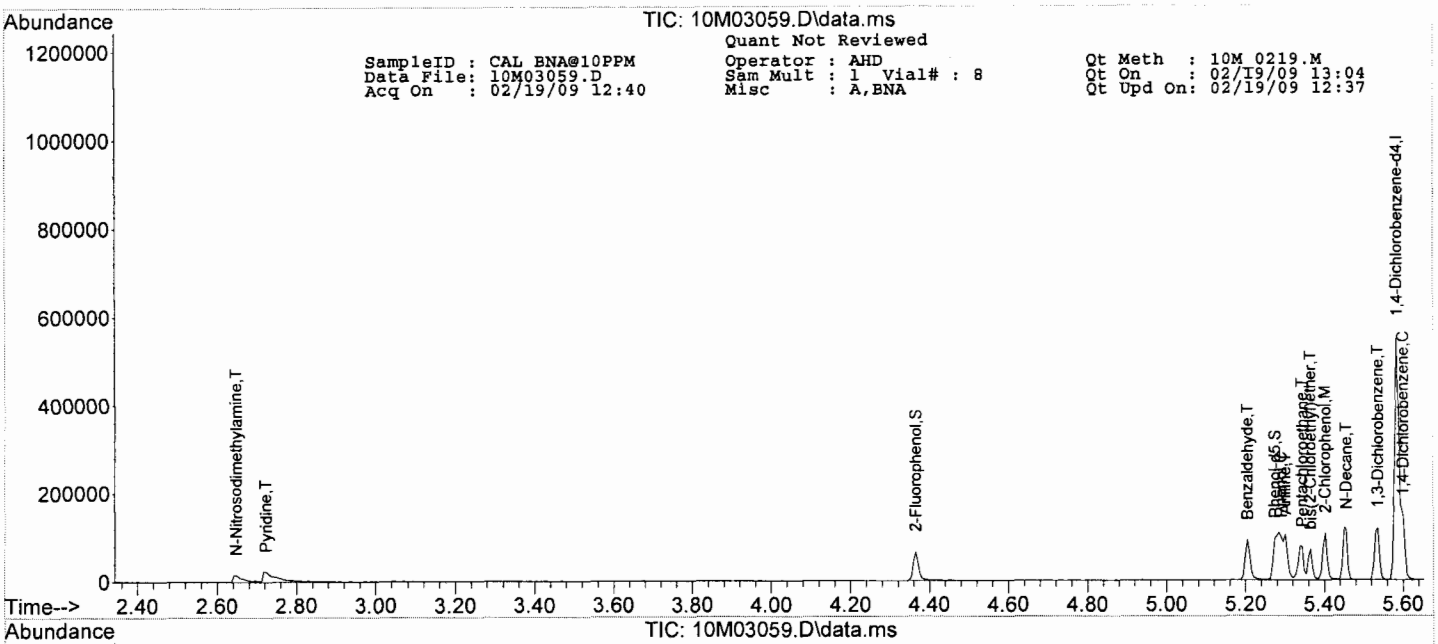
Quantitation Report (Not Reviewed)

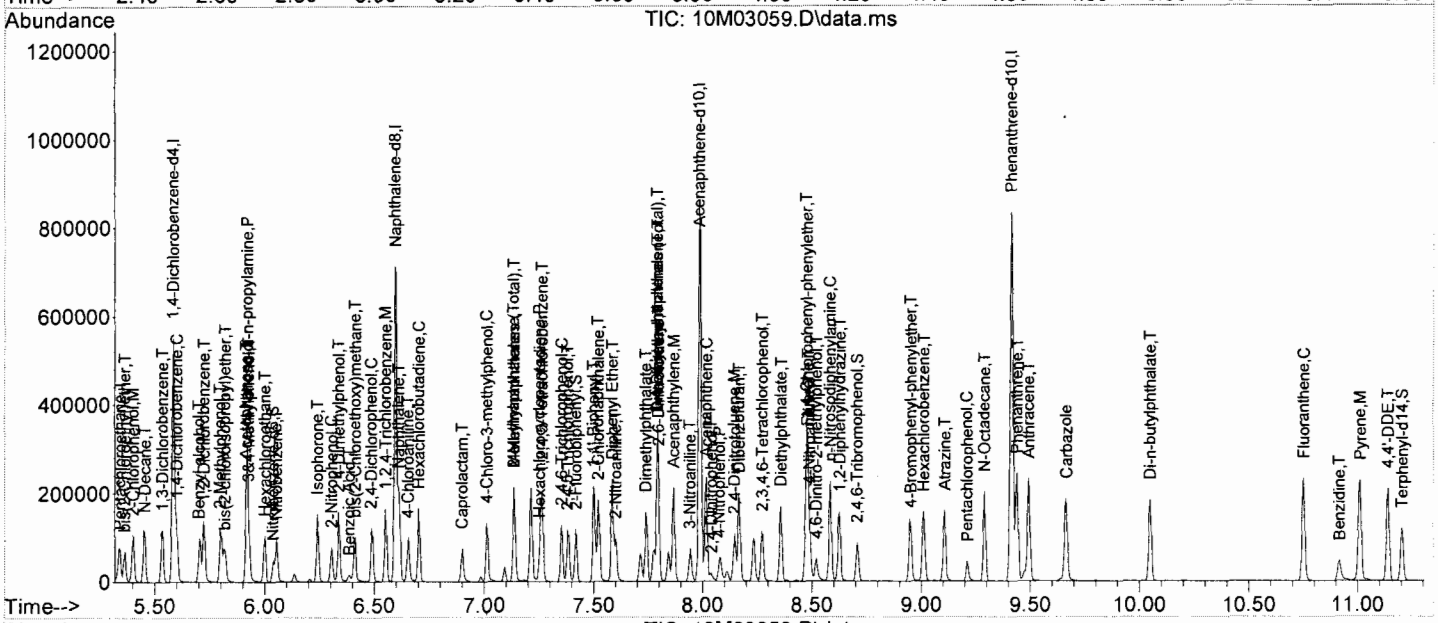
SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03059.D Sam Mult : 1 Vial# : 8 Qt On : 02/19/09 13:04
Acq On : 02/19/09 12:40 Misc : A,BNA Qt Upd On: 02/19/09 12:37

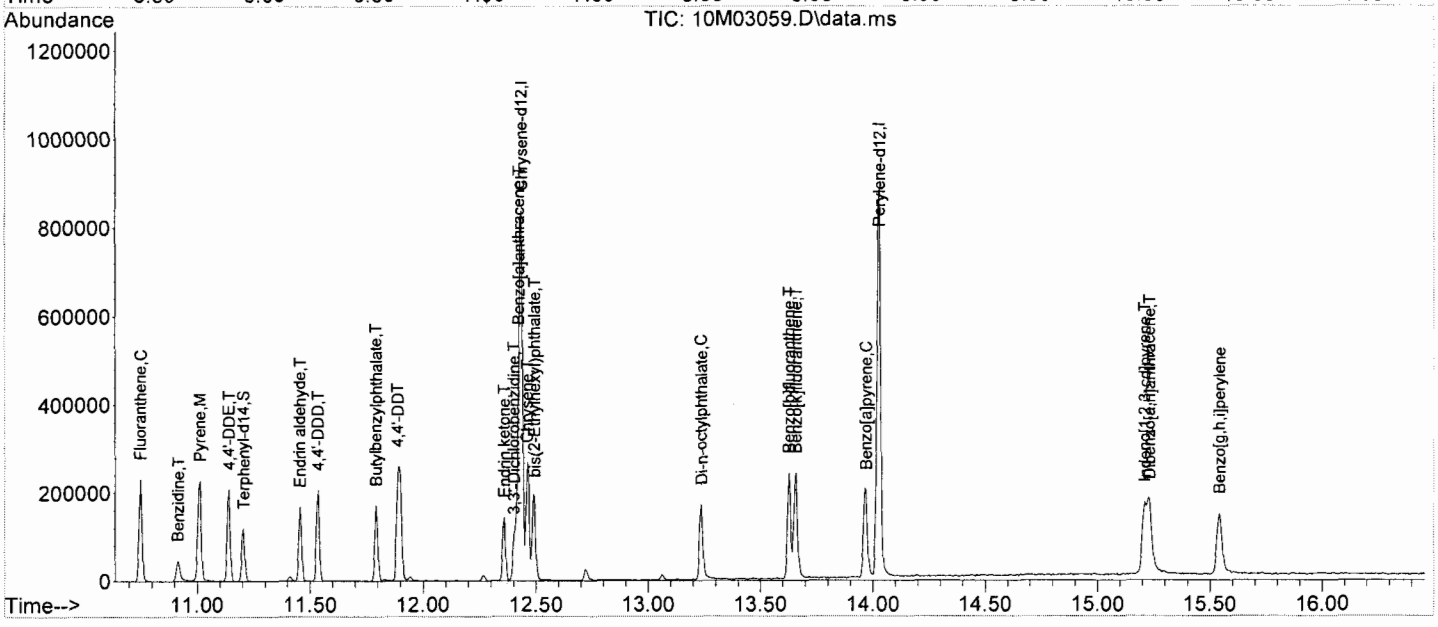
Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.076	65	9782	8.92	ng	92
61)	2,3,4,6-Tetrachlorophenol	8.274	232	15485	8.77	ng	79
62)	Fluorene	8.482	166	60663	9.66	ng	99
63)	4-Chlorophenyl-phenyle...	8.477	204	30393	9.71	ng	74
64)	Diethylphthalate	8.359	149	56071	9.82	ng	96
65)	4-Nitroaniline	8.488	138	13907	9.21	ng	77
66)	Atrazine	9.108	200	18841	9.55	ng	94
68)	4,6-Dinitro-2-methylph...	8.520	198	7211	6.00	ng	100
69)	n-Nitrosodiphenylamine	8.584	169	52123	9.70	ng	97
71)	1,2-Diphenylhydrazine	8.627	77	56104	10.08	ng	77
72)	4-Bromophenyl-phenylether	8.953	248	20479	9.90	ng	69
73)	Hexachlorobenzene	9.012	284	24112	10.06	ng	53
74)	N-Octadecane	9.290	57	26711	9.31	ng	70
75)	Pentachlorophenol	9.210	266	6200	4.98	ng	94
76)	Phenanthrene	9.440	178	91321	10.01	ng	96
77)	Anthracene	9.493	178	92085	9.85	ng	98
78)	Carbazole	9.664	167	84368	9.59	ng	97
79)	Di-n-butylphthalate	10.050	149	92512	9.30	ng	97
80)	Fluoranthene	10.750	202	97461	9.47	ng	84
82)	Pyrene	11.012	202	105903	9.59	ng	83
83)	Benzidine	10.916	184	24918	11.30	ng	87
85)	4,4'-DDE	11.141	246	25000	9.87	ng	86
86)	Endrin	11.456	81	5048	9.48	ng	23
87)	4,4'-DDD	11.536	235	40035	9.19	ng	91
88)	Butylbenzylphthalate	11.793	149	40828	9.27	ng	71
89)	Endrin aldehyde	11.456	67	2720	10.81	ng	80
90)	4,4'-DDT	11.889	235	40802	8.76	ng	93
91)	Endrin ketone	12.360	317	5892	9.85	ng	93
92)	3,3'-Dichlorobenzidine	12.403	252	26898	9.12	ng	88
93)	Benzo[a]anthracene	12.424	228	110535	9.94	ng	99
94)	Chrysene	12.462	228	107663	10.16	ng	98
95)	bis(2-Ethylhexyl)phtha...	12.494	149	57397	9.19	ng	92
97)	Di-n-octylphthalate	13.237	149	89781	7.96	ng	97
98)	Benzo[b]fluoranthene	13.628	252	108321	9.20	ng	89
99)	Benzo[k]fluoranthene	13.660	252	112669	9.56	ng	87
100)	Benzo[a]pyrene	13.970	252	103828	9.33	ng	86
101)	Indeno[1,2,3-cd]pyrene	15.211	276	117281	9.91	ng	66
102)	Dibenzo[a,h]anthracene	15.232	278	94963	9.40	ng	82
103)	Benzo[g,h,i]perylene	15.543	276	97646	10.23	ng	75

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


Abundance
TIC: 10M03059.D\data.ms
Quant Not Reviewed
SampleID : CAL BNA@10PPM
Data File: 10M03059.D
Acq On : 02/19/09 12:40
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 10M_0219.M
Qt On : 02/19/09 13:04
Qt Upd On: 02/19/09 12:37
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,C
Time-->


Abundance
TIC: 10M03059.D\data.ms
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Isophorone,T
4-Chloro-3-methylphenol,C
Caprolactam,T
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->


Abundance
TIC: 10M03059.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Chrysene-d12,I
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03058.D Sam Mult : 1 Vial# : 7 Qt On : 02/19/09 12:36
Acq On : 02/19/09 12:18 Misc : A,BNA Qt Upd On: 02/19/09 12:18

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.584	152	72633	40.00	ng	0.00
23) Naphthalene-d8	6.594	136	291870	40.00	ng	0.00
41) Acenaphthene-d10	7.985	164	189297	40.00	ng	0.00
67) Phenanthrene-d10	9.413	188	346696	40.00	ng	0.00
81) Chrysene-d12	12.435	240	412273	40.00	ng	0.00
96) Perylene-d12	14.029	264	469106	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.364	112	38580	18.36	ng	0.00
Spiked Amount 100.000			Recovery = 18.36%			
9) Phenol-d5	5.273	99	55324	18.82	ng	0.00
Spiked Amount 100.000			Recovery = 18.82%			
24) Nitrobenzene-d5	6.038	128	11592	9.36	ng	0.00
Spiked Amount 50.000			Recovery = 18.72%			
46) 2-Fluorobiphenyl	7.418	172	61175	9.43	ng	0.00
Spiked Amount 50.000			Recovery = 18.86%			
70) 2,4,6-Tribromophenol	8.707	330	25065	17.97	ng	0.00
Spiked Amount 100.000			Recovery = 17.97%			
84) Terphenyl-d14	11.205	244	102297	8.88	ng	0.00
Spiked Amount 50.000			Recovery = 17.76%			
Target Compounds						Qvalue
2) Pyridine	2.706	79	36156	18.17	ng	70
3) N-Nitrosodimethylamine	2.636	74	20490	18.31	ng	87
5) Benzaldehyde	5.204	77	34689	39.48	ng	79
6) Aniline	5.300	93	63633	18.56	ng	66
7) Pentachloroethane	5.338	117	13327	19.08	ng	70
8) bis(2-Chloroethyl)ether	5.364	93	39983	19.50	ng	76
10) Phenol	5.289	94	58901	18.42	ng	95
11) 2-Chlorophenol	5.402	128	44750	18.05	ng	79
12) N-Decane	5.450	57	35247	18.41	ng	77
13) 1,3-Dichlorobenzene	5.535	146	50726	19.31	ng	98
14) 1,4-Dichlorobenzene	5.600	146	51645	18.80	ng	97
15) 1,2-Dichlorobenzene	5.723	146	48789	18.90	ng	97
16) Benzyl alcohol	5.701	108	29893	18.70	ng	80
17) bis(2-chloroisopropyl)...	5.819	45	46875	19.86	ng	71
18) 2-Methylphenol	5.798	108	43731	19.45	ng	91
19) Acetophenone	5.921	105	71131	18.76	ng	75
20) Hexachloroethane	6.001	117	17734	18.37	ng	55
21) N-Nitroso-di-n-propyla...	5.921	70	36583	19.37	ng	72
22) 3&4-Methylphenol	5.926	108	46785	18.62	ng	98
25) Nitrobenzene	6.054	77	49589	18.88	ng	82
26) Isophorone	6.241	82	93732	19.38	ng	84
27) 2-Nitrophenol	6.306	139	26632	18.25	ng	89
28) 2,4-Dimethylphenol	6.338	107	51007	19.65	ng	96
29) Benzoic Acid	6.397	105	22248	12.47	ng	94
30) bis(2-Chloroethoxy)met...	6.413	93	52509	18.90	ng	95
31) 2,4-Dichlorophenol	6.487	162	43869	19.06	ng	90
32) 1,2,4-Trichlorobenzene	6.552	180	50354	19.47	ng	98
33) Naphthalene	6.610	128	146582	18.91	ng	97
34) 4-Chloroaniline	6.653	127	57865	22.51	ng	99
35) Hexachlorobutadiene	6.701	225	28992	19.09	ng	96
36) Caprolactam	6.905	113	17747	19.47	ng	68
37) 4-Chloro-3-methylphenol	7.012	107	46455	19.30	ng	80
38) 2-Methylnaphthalene	7.135	142	102914	18.71	ng	96
39) Methylnaphthalenes (To...	7.135	142	102914	18.71	ng	96
40) 1,1'-Biphenyl	7.498	154	130734	19.14	ng	92
42) 1,2,4,5-Tetrachloroben...	7.263	216	61934	18.83	ng	98
43) Hexachlorocyclopentadiene	7.252	237	23562	14.44	ng	99
44) 2,4,6-Trichlorophenol	7.354	196	36004	19.06	ng	98
45) 2,4,5-Trichlorophenol	7.381	196	36866	17.98	ng	98
47) 2-Chloronaphthalene	7.520	162	100197	18.65	ng	92
48) 1,4-Dimethylnaphthalene	7.793	156	83092	18.75	ng	92
49) Dimethylnaphthalenes (...	7.793	156	83092	18.75	ng	92
50) Diphenyl Ether	7.584	170	81740	18.91	ng	75
51) 2-Nitroaniline	7.600	65	37550	19.21	ng	55
52) Acenaphthylene	7.867	152	168415	18.87	ng	99
53) Dimethylphthalate	7.744	163	122423	19.54	ng	98
54) 2,6-Dinitrotoluene	7.798	165	29244	18.88	ng	60
55) Acenaphthene	8.017	153	107537	18.90	ng	96
56) 3-Nitroaniline	7.942	138	27697	20.52	ng	79
57) 2,4-Dinitrophenol	8.033	184	12014	12.01	ng	88
58) Dibenzofuran	8.167	168	155970	19.32	ng	83
59) 2,4-Dinitrotoluene	8.146	165	39404	18.92	ng	64

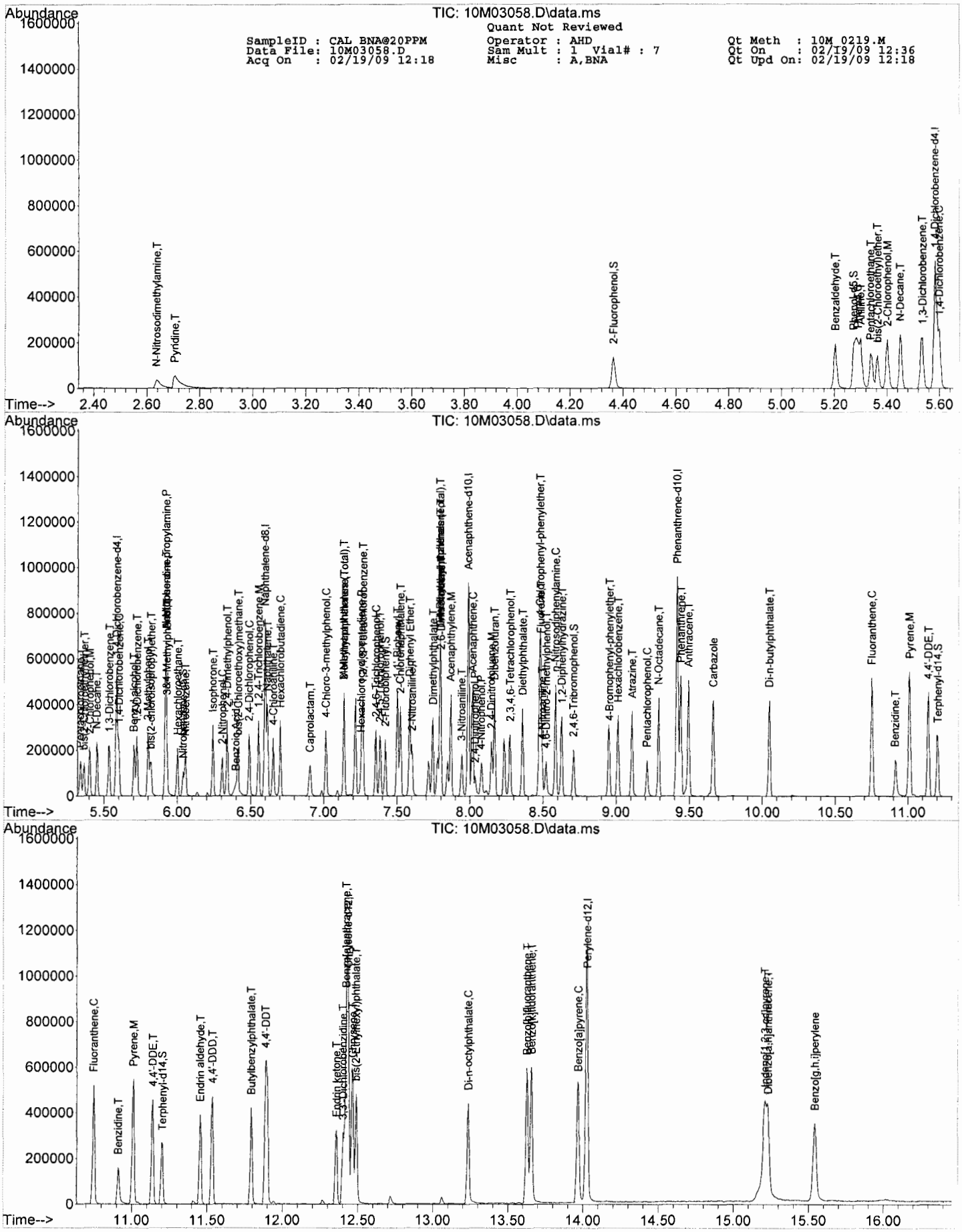
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03058.D Sam Mult : 1 Vial# : 7 Qt On : 02/19/09 12:36
Acq On : 02/19/09 12:18 Misc : A,BNA Qt Upd On: 02/19/09 12:18

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60) 4-Nitrophenol	8.076	65	22286	18.52 ng	94
61) 2,3,4,6-Tetrachlorophenol	8.274	232	35995	18.59 ng	80
62) Fluorene	8.483	166	131184	19.15 ng	97
63) 4-Chlorophenyl-phenyle...	8.477	204	64994	19.01 ng	79
64) Diethylphthalate	8.360	149	119535	19.18 ng	92
65) 4-Nitroaniline	8.493	138	30791	18.60 ng	72
66) Atrazine	9.108	200	41695	19.42 ng	87
68) 4,6-Dinitro-2-methylph...	8.520	198	21142	14.82 ng	100
69) n-Nitrosodiphenylamine	8.584	169	114183	18.49 ng	97
71) 1,2-Diphenylhydrazine	8.627	77	117858	18.42 ng	75
72) 4-Bromophenyl-phenylether	8.953	248	44279	18.66 ng	73
73) Hexachlorobenzene	9.012	284	53679	19.69 ng	54
74) N-Octadecane	9.290	57	58960	17.78 ng	72
75) Pentachlorophenol	9.210	266	20340	13.62 ng	97
76) Phenanthrene	9.440	178	200035	19.20 ng	96
77) Anthracene	9.493	178	202225	18.89 ng	98
78) Carbazole	9.665	167	193708	19.29 ng	95
79) Di-n-butylphthalate	10.050	149	212644	18.61 ng	98
80) Fluoranthene	10.750	202	226486	19.28 ng	84
82) Pyrene	11.012	202	249047	18.08 ng	81
83) Benzidine	10.911	184	77136	31.16 ng	86
85) 4,4'-DDE	11.141	246	55386	17.45 ng	86
86) Endrin	11.456	81	11379	16.98 ng	15
87) 4,4'-DDD	11.537	235	98650	18.18 ng	92
88) Butylbenzylphthalate	11.793	149	96797	17.54 ng	72
89) Endrin aldehyde	11.456	67	5882	18.87 ng	80
90) 4,4'-DDT	11.890	235	99755	17.03 ng	94
91) Endrin ketone	12.360	317	13864	18.67 ng	100
92) 3,3'-Dichlorobenzidine	12.403	252	77489	21.73 ng	93
93) Benzo[a]anthracene	12.424	228	264456	19.25 ng	97
94) Chrysene	12.467	228	249835	19.06 ng	97
95) bis(2-Ethylhexyl)phtha...	12.489	149	136352	17.40 ng	92
97) Di-n-octylphthalate	13.237	149	227777	15.52 ng	100
98) Benzo[b]fluoranthene	13.628	252	269709	17.97 ng	91
99) Benzo[k]fluoranthene	13.660	252	268222	17.84 ng	89
100) Benzo[a]pyrene	13.970	252	257238	18.17 ng	87
101) Indeno[1,2,3-cd]pyrene	15.211	276	291666	19.62 ng	64
102) Dibenzo[a,h]anthracene	15.233	278	246544	19.38 ng	81
103) Benzo[g,h,i]perylene	15.543	276	232592	19.35 ng	76

(#) = qualifier out of range (m) = manual integration (+) = signals summed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SampleID : CAL BNA@20PPM
Data File: 10M03058.D
Acq On : 02/19/09 12:18
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 10M 0219.M
Qt On : 02/19/09 12:36
Qt Upd On: 02/19/09 12:18
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03057.D Sam Mult : 1 Vial# : 6 Qt On : 02/19/09 12:15
Acq On : 02/19/09 11:55 Misc : A,BNA Qt Upd On: 02/19/09 11:43

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.584	152	70702	40.00	ng	0.00
23) Naphthalene-d8	6.600	136	271710	40.00	ng	0.00
41) Acenaphthene-d10	7.990	164	168788	40.00	ng	0.00
67) Phenanthrene-d10	9.418	188	291434	40.00	ng	0.00
81) Chrysene-d12	12.440	240	318476	40.00	ng	0.00
96) Perylene-d12	14.029	264	332715	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.364	112	157987	75.72	ng	0.00
Spiked Amount 100.000			Recovery = 75.72%			
9) Phenol-d5	5.279	99	222024	75.88	ng	0.00
Spiked Amount 100.000			Recovery = 75.88%			
24) Nitrobenzene-d5	6.044	128	46382	40.47	ng	0.00
Spiked Amount 50.000			Recovery = 80.94%			
46) 2-Fluorobiphenyl	7.418	172	233690	40.30	ng	0.00
Spiked Amount 50.000			Recovery = 80.60%			
70) 2,4,6-Tribromophenol	8.712	330	93756	79.34	ng	0.00
Spiked Amount 100.000			Recovery = 79.34%			
84) Terphenyl-d14	11.205	244	358283	40.06	ng	0.00
Spiked Amount 50.000			Recovery = 80.12%			
Target Compounds						Qvalue
2) Pyridine	2.685	79	151903	78.26	ng	67
3) N-Nitrosodimethylamine	2.631	74	86199	78.37	ng	81
5) Benzaldehyde	5.204	77	79746	97.34	ng	80
6) Aniline	5.300	93	259511	76.22	ng	69
7) Pentachloroethane	5.343	117	53256	77.44	ng	70
8) bis(2-Chloroethyl)ether	5.364	93	154303	75.99	ng	82
10) Phenol	5.289	94	240451	75.60	ng	96
11) 2-Chlorophenol	5.402	128	189777	77.39	ng	80
12) N-Decane	5.455	57	148520	79.37	ng	77
13) 1,3-Dichlorobenzene	5.535	146	204128	79.05	ng	98
14) 1,4-Dichlorobenzene	5.600	146	209641	77.27	ng	98
15) 1,2-Dichlorobenzene	5.723	146	202223	79.88	ng	98
16) Benzyl alcohol	5.707	108	119654	75.06	ng	81
17) bis(2-chloroisopropyl)...	5.819	45	181113	77.60	ng	68
18) 2-Methylphenol	5.803	108	171235	76.91	ng	98
19) Acetophenone	5.920	105	287698	76.36	ng	67
20) Hexachloroethane	6.001	117	73953	77.87	ng	61
21) N-Nitroso-di-n-propyla...	5.926	70	143404	76.64	ng	74
22) 3&4-Methylphenol	5.931	108	190202	76.16	ng	98
25) Nitrobenzene	6.060	77	195813	79.89	ng	79
26) Isophorone	6.247	82	363350	80.63	ng	84
27) 2-Nitrophenol	6.306	139	107374	78.53	ng	92
28) 2,4-Dimethylphenol	6.343	107	192031	79.17	ng	92
29) Benzoic Acid	6.423	105	126528m	76.22	ng	
30) bis(2-Chloroethoxy)met...	6.413	93	206930	79.99	ng	97
31) 2,4-Dichlorophenol	6.493	162	172037	80.28	ng	86
32) 1,2,4-Trichlorobenzene	6.552	180	192885	80.19	ng	98
33) Naphthalene	6.616	128	574361	79.40	ng	98
34) 4-Chloroaniline	6.653	127	201846	86.16	ng	99
35) Hexachlorobutadiene	6.701	225	114686	81.43	ng	96
36) Caprolactam	6.937	113	68657	80.81	ng	64
37) 4-Chloro-3-methylphenol	7.017	107	179371	79.69	ng	85
38) 2-Methylnaphthalene	7.140	142	407782	79.27	ng	97
39) Methylnaphthalenes (To...	7.140	142	407782	79.27	ng	97
40) 1,1'-Biphenyl	7.504	154	505667	79.00	ng	92
42) 1,2,4,5-Tetrachloroben...	7.268	216	237777	80.94	ng	98
43) Hexachlorocyclopentadiene	7.258	237	116436	80.76	ng	98
44) 2,4,6-Trichlorophenol	7.354	196	133615	78.71	ng	98
45) 2,4,5-Trichlorophenol	7.391	196	145237	78.71	ng	99
47) 2-Chloronaphthalene	7.525	162	386376	80.18	ng	91
48) 1,4-Dimethylnaphthalene	7.798	156	310517	77.58	ng	87
49) Dimethylnaphthalenes (...	7.798	156	310517	77.58	ng	87
50) Diphenyl Ether	7.584	170	310029	80.15	ng	76
51) 2-Nitroaniline	7.605	65	138856	78.92	ng	55
52) Acenaphthylene	7.873	152	630296	78.36	ng	99
53) Dimethylphthalate	7.750	163	447930	79.57	ng	98
54) 2,6-Dinitrotoluene	7.803	165	111438	80.61	ng	56
55) Acenaphthene	8.017	153	402912	78.78	ng	95
56) 3-Nitroaniline	7.948	138	96635	79.51	ng	80
57) 2,4-Dinitrophenol	8.039	184	67694	73.90	ng	85
58) Dibenzofuran	8.172	168	569118	78.05	ng	80
59) 2,4-Dinitrotoluene	8.151	165	146042	77.49	ng	64

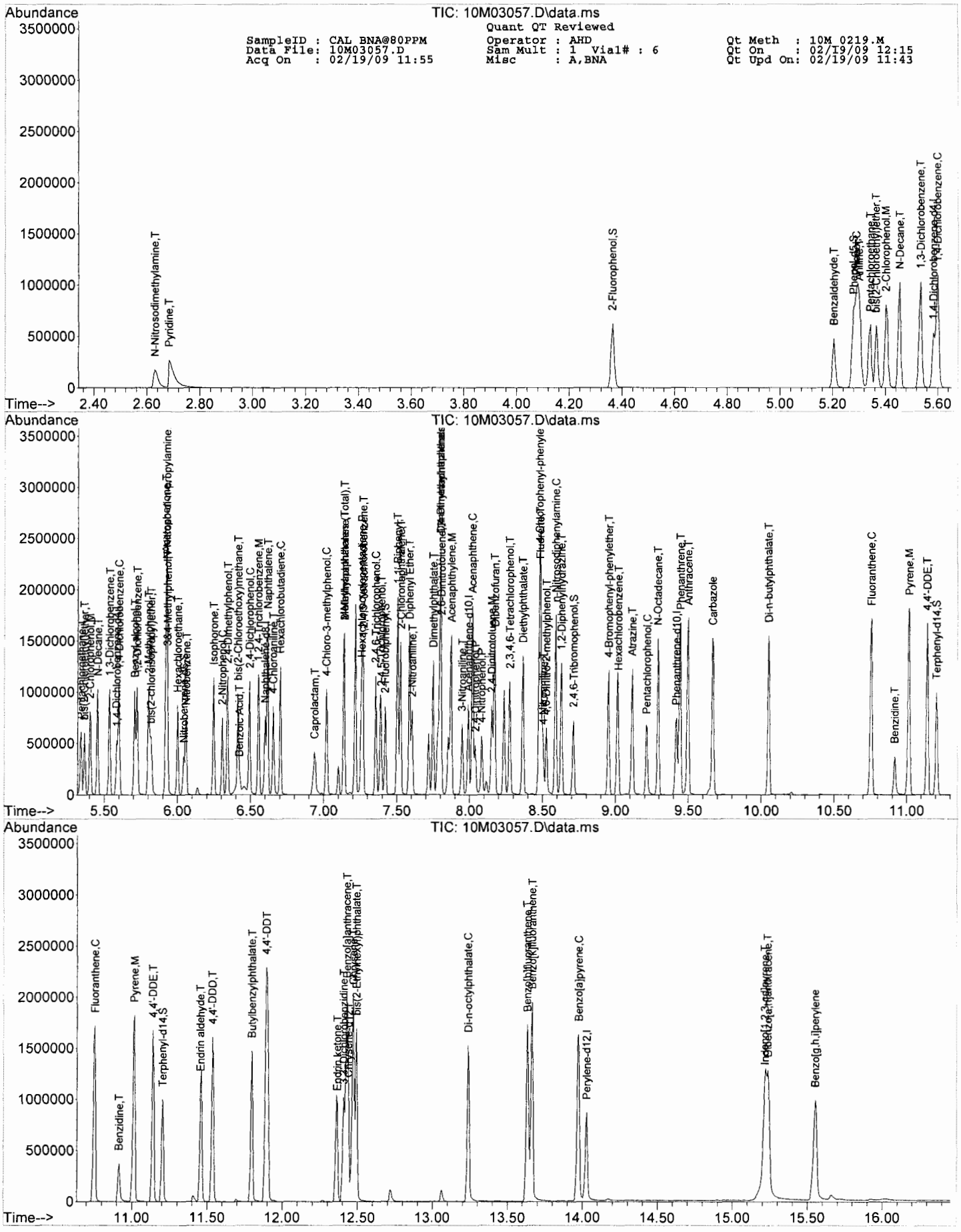
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03057.D Sam Mult : 1 Vial# : 6 Qt On : 02/19/09 12:15
Acq On : 02/19/09 11:55 Misc : A,BNA Qt Upd On: 02/19/09 11:43

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.081	65	83483	76.90	ng	86
61) 2,3,4,6-Tetrachlorophenol	8.274	232	137203	78.92	ng	80
62) Fluorene	8.482	166	487085	78.98	ng	99
63) 4-Chlorophenyl-phenyle...	8.477	204	245824	80.02	ng	79
64) Diethylphthalate	8.365	149	442787	78.96	ng	96
65) 4-Nitroaniline	8.504	138	111271	73.06	ng	78
66) Atrazine	9.114	200	151961	78.12	ng	92
68) 4,6-Dinitro-2-methylph...	8.525	198	93984	77.62	ng	100
69) n-Nitrosodiphenylamine	8.589	169	420831	80.98	ng	99
71) 1,2-Diphenylhydrazine	8.627	77	436112	80.92	ng	83
72) 4-Bromophenyl-phenylether	8.953	248	161631	81.02	ng	76
73) Hexachlorobenzene	9.017	284	185503	80.89	ng	51
74) N-Octadecane	9.290	57	225785	81.15	ng	71
75) Pentachlorophenol	9.215	266	97414	76.93	ng	97
76) Phenanthrene	9.445	178	705051	80.12	ng	98
77) Anthracene	9.499	178	723057	79.86	ng	98
78) Carbazole	9.665	167	680317	80.02	ng	95
79) Di-n-butylphthalate	10.050	149	774121	79.84	ng	97
80) Fluoranthene	10.756	202	796068	79.67	ng	86
82) Pyrene	11.018	202	859222	80.62	ng	80
83) Benzidine	10.916	184	162328	85.72	ng	83
85) 4,4'-DDE	11.141	246	197433	80.49	ng	86
86) Endrin	11.456	81	41671	80.38	ng	21
87) 4,4'-DDD	11.537	235	332912	78.70	ng	93
88) Butylbenzylphthalate	11.799	149	340811	79.31	ng	69
89) Endrin aldehyde	11.456	67	19533	81.36	ng	78
90) 4,4'-DDT	11.895	235	358242	78.28	ng	93
91) Endrin ketone	12.366	317	45561	78.67	ng	99
92) 3,3'-Dichlorobenzidine	12.408	252	228186	83.41	ng	93
93) Benzo[a]anthracene	12.430	228	860018	81.01	ng	97
94) Chrysene	12.473	228	809010	79.33	ng	96
95) bis(2-Ethylhexyl)phtha...	12.494	149	483532	79.06	ng	91
97) Di-n-octylphthalate	13.237	149	791283	73.05	ng	100
98) Benzo[b]fluoranthene	13.633	252	840647	77.70	ng	91
99) Benzo[k]fluoranthene	13.665	252	837588	77.03	ng	89
100) Benzo[a]pyrene	13.976	252	797376	78.66	ng	86
101) Indeno[1,2,3-cd]pyrene	15.216	276	857443	82.48	ng	67
102) Dibenzo[a,h]anthracene	15.238	278	719990	80.34	ng	82
103) Benzo[g,h,i]perylene	15.553	276	691386	82.49	ng	75

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


Abundance
TIC: 10M03057.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@80PPM
Data File: 10M03057.D
Acq On : 02/19/09 11:55
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 10M 0219.M
Qt On : 02/19/09 12:15
Qt Upd On: 02/19/09 11:43
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03056.D Sam Mult : 1 Vial# : 5 Qt On : 02/19/09 12:13
Acq On : 02/19/09 11:33 Misc : A,BNA Qt Upd On: 02/19/09 11:43

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.583	152	78500	40.00	ng	0.00
23) Naphthalene-d8	6.600	136	298522	40.00	ng	0.00
41) Acenaphthene-d10	7.990	164	187192	40.00	ng	0.00
67) Phenanthrene-d10	9.418	188	324917	40.00	ng	0.00
81) Chrysene-d12	12.446	240	341719	40.00	ng	0.00
96) Perylene-d12	14.029	264	356456	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.364	112	265222	114.48	ng	0.00
Spiked Amount 100.000			Recovery = 114.48%			
9) Phenol-d5	5.284	99	367202	113.03	ng	0.00
Spiked Amount 100.000			Recovery = 113.03%			
24) Nitrobenzene-d5	6.043	128	77064	61.20	ng	0.00
Spiked Amount 50.000			Recovery = 122.40%			
46) 2-Fluorobiphenyl	7.423	172	379009	58.93	ng	0.00
Spiked Amount 50.000			Recovery = 117.86%			
70) 2,4,6-Tribromophenol	8.718	330	153476	116.50	ng	0.00
Spiked Amount 100.000			Recovery = 116.50%			
84) Terphenyl-d14	11.210	244	562136	58.58	ng	0.00
Spiked Amount 50.000			Recovery = 117.16%			
Target Compounds						Qvalue
2) Pyridine	2.679	79	261674	121.43	ng	67
3) N-Nitrosodimethylamine	2.631	74	142523	116.71	ng	79
5) Benzaldehyde	5.204	77	109470	120.34	ng	81
6) Aniline	5.305	93	430001	113.75	ng	69
7) Pentachloroethane	5.343	117	89422	117.11	ng	73
8) bis(2-Chloroethyl)ether	5.369	93	260807	115.68	ng	76
10) Phenol	5.295	94	402188	113.89	ng	95
11) 2-Chlorophenol	5.407	128	311077	114.25	ng	79
12) N-Decane	5.455	57	246144	118.47	ng	77
13) 1,3-Dichlorobenzene	5.535	146	331061	115.47	ng	97
14) 1,4-Dichlorobenzene	5.599	146	347461	115.34	ng	97
15) 1,2-Dichlorobenzene	5.722	146	324961	115.60	ng	97
16) Benzyl alcohol	5.712	108	200024	113.01	ng	77
17) bis(2-chloroisopropyl)...	5.819	45	295906	114.18	ng	70
18) 2-Methylphenol	5.803	108	283251	114.59	ng	98
19) Acetophenone	5.926	105	473540	113.21	ng	69
20) Hexachloroethane	6.001	117	123173	116.82	ng	68
21) N-Nitroso-di-n-propyla...	5.926	70	237795	114.45	ng	75
22) 3&4-Methylphenol	5.931	108	314235	113.33	ng	97
25) Nitrobenzene	6.059	77	319415	118.62	ng	83
26) Isophorone	6.252	82	586686	118.50	ng	83
27) 2-Nitrophenol	6.311	139	177817	118.38	ng	84
28) 2,4-Dimethylphenol	6.343	107	316870	118.91	ng	95
29) Benzoic Acid	6.445	105	229991m	126.10	ng	
30) bis(2-Chloroethoxy)met...	6.418	93	340573	119.82	ng	98
31) 2,4-Dichlorophenol	6.498	162	281576	119.60	ng	84
32) 1,2,4-Trichlorobenzene	6.557	180	318114	120.38	ng	97
33) Naphthalene	6.616	128	949215	119.44	ng	98
34) 4-Chloroaniline	6.658	127	318163	123.61	ng	99
35) Hexachlorobutadiene	6.707	225	185900	120.14	ng	97
36) Caprolactam	6.953	113	110216	118.08	ng	63
37) 4-Chloro-3-methylphenol	7.022	107	291188	117.75	ng	83
38) 2-Methylnaphthalene	7.140	142	668420	118.26	ng	99
39) Methylnaphthalenes (To...	7.140	142	668420	118.26	ng	99
40) 1,1'-Biphenyl	7.504	154	825455	117.37	ng	93
42) 1,2,4,5-Tetrachloroben...	7.268	216	383458	117.70	ng	98
43) Hexachlorocyclopentadiene	7.258	237	198819	124.35	ng	99
44) 2,4,6-Trichlorophenol	7.359	196	220633	117.19	ng	96
45) 2,4,5-Trichlorophenol	7.391	196	238484	116.53	ng	99
47) 2-Chloronaphthalene	7.525	162	621829	116.36	ng	93
48) 1,4-Dimethylnaphthalene	7.798	156	515480	116.13	ng	87
49) Dimethylnaphthalenes (...	7.798	156	515480	116.13	ng	87
50) Diphenyl Ether	7.589	170	505112	117.75	ng	73
51) 2-Nitroaniline	7.605	65	226048	115.85	ng	63
52) Acenaphthylene	7.873	152	1034107	115.92	ng	99
53) Dimethylphthalate	7.755	163	725577	116.22	ng	98
54) 2,6-Dinitrotoluene	7.808	165	181629	118.47	ng	54
55) Acenaphthene	8.022	153	664043	117.07	ng	96
56) 3-Nitroaniline	7.953	138	154764	114.81	ng	76
57) 2,4-Dinitrophenol	8.044	184	115042	113.25	ng	72
58) Dibenzofuran	8.172	168	932034	115.25	ng	82
59) 2,4-Dinitrotoluene	8.156	165	240531	115.08	ng	65

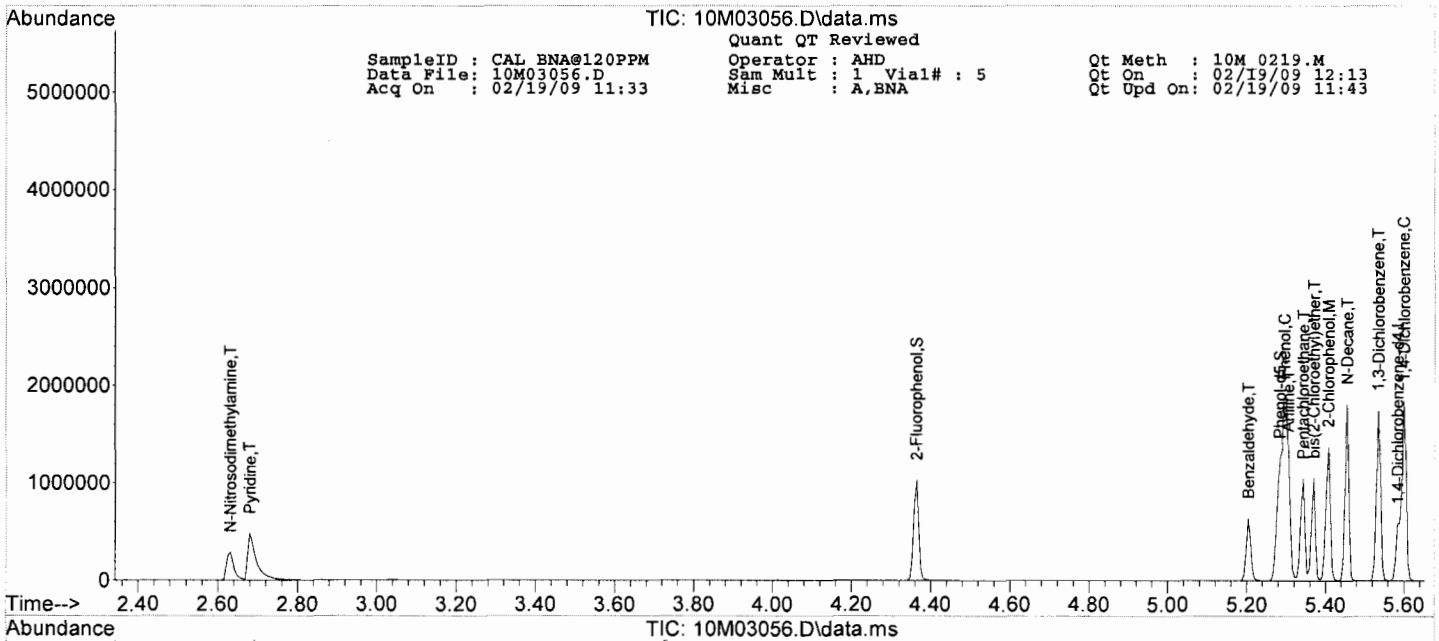
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03056.D Sam Mult : 1 Vial# : 5 Qt On : 02/19/09 12:13
Acq On : 02/19/09 11:33 Misc : A,BNA Qt Upd On: 02/19/09 11:43

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.092	65	141825	117.80	ng	89
61) 2,3,4,6-Tetrachlorophenol	8.279	232	226378	117.41	ng	79
62) Fluorene	8.488	166	791976	115.79	ng	100
63) 4-Chlorophenyl-phenyle...	8.477	204	392975	115.35	ng	81
64) Diethylphthalate	8.370	149	722042	116.11	ng	94
65) 4-Nitroaniline	8.509	138	188948	111.87	ng	79
66) Atrazine	9.119	200	244667	113.41	ng	94
68) 4,6-Dinitro-2-methylph...	8.530	198	158899	117.71	ng	100
69) n-Nitrosodiphenylamine	8.595	169	682243	117.75	ng	98
71) 1,2-Diphenylhydrazine	8.632	77	705063	117.34	ng	79
72) 4-Bromophenyl-phenylether	8.958	248	263365	118.41	ng	72
73) Hexachlorobenzene	9.017	284	302042	118.14	ng	55
74) N-Octadecane	9.295	57	370514	119.44	ng	68
75) Pentachlorophenol	9.215	266	168744	119.53	ng	96
76) Phenanthrene	9.445	178	1146703	116.88	ng	98
77) Anthracene	9.499	178	1177693	116.67	ng	99
78) Carbazole	9.670	167	1095416	115.57	ng	96
79) Di-n-butylphthalate	10.055	149	1238849	114.61	ng	97
80) Fluoranthene	10.756	202	1263653	113.44	ng	87
82) Pyrene	11.018	202	1351010	118.15	ng	84
83) Benzidine	10.916	184	238486	117.37	ng	83
85) 4,4'-DDE	11.146	246	313508	119.12	ng	86
86) Endrin	11.462	81	66021	118.69	ng	20
87) 4,4'-DDD	11.542	235	528608	116.47	ng	92
88) Butylbenzylphthalate	11.804	149	536788	116.42	ng	67
89) Endrin aldehyde	11.462	67	30823	119.66	ng	77
90) 4,4'-DDT	11.895	235	568549	115.78	ng	93
91) Endrin ketone	12.365	317	72202	116.19	ng	98
92) 3,3'-Dichlorobenzidine	12.414	252	349850	119.19	ng	95
93) Benzo[a]anthracene	12.435	228	1345692	118.14	ng	97
94) Chrysene	12.478	228	1276274	116.63	ng	96
95) bis(2-Ethylhexyl)phtha...	12.494	149	756721	115.31	ng	92
97) Di-n-octylphthalate	13.243	149	1242474	107.07	ng	99
98) Benzo[b]fluoranthene	13.638	252	1318545	113.75	ng	91
99) Benzo[k]fluoranthene	13.671	252	1315939	112.96	ng	90
100) Benzo[a]pyrene	13.981	252	1263843	116.38	ng	88
101) Indeno[1,2,3-cd]pyrene	15.227	276	1390819	124.88	ng	69
102) Dibenzo[a,h]anthracene	15.248	278	1187337	123.66	ng	82
103) Benzo[g,h,i]perylene	15.564	276	1136448	126.55	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed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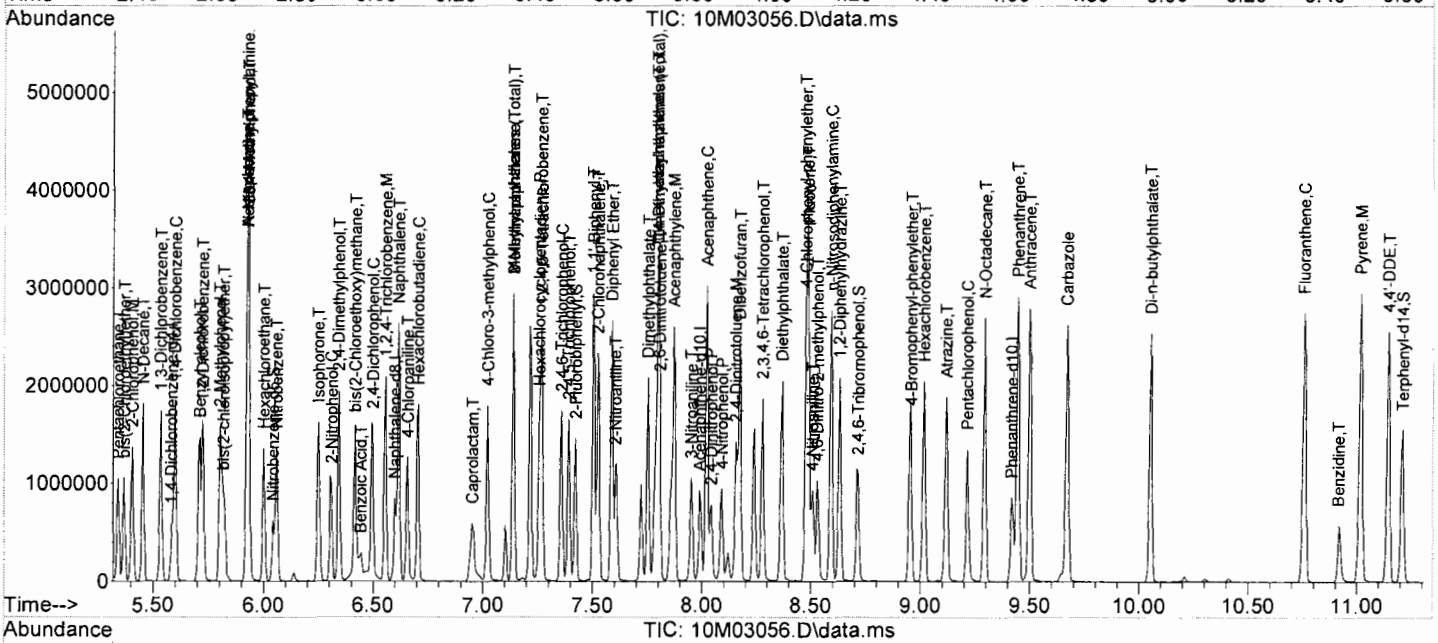
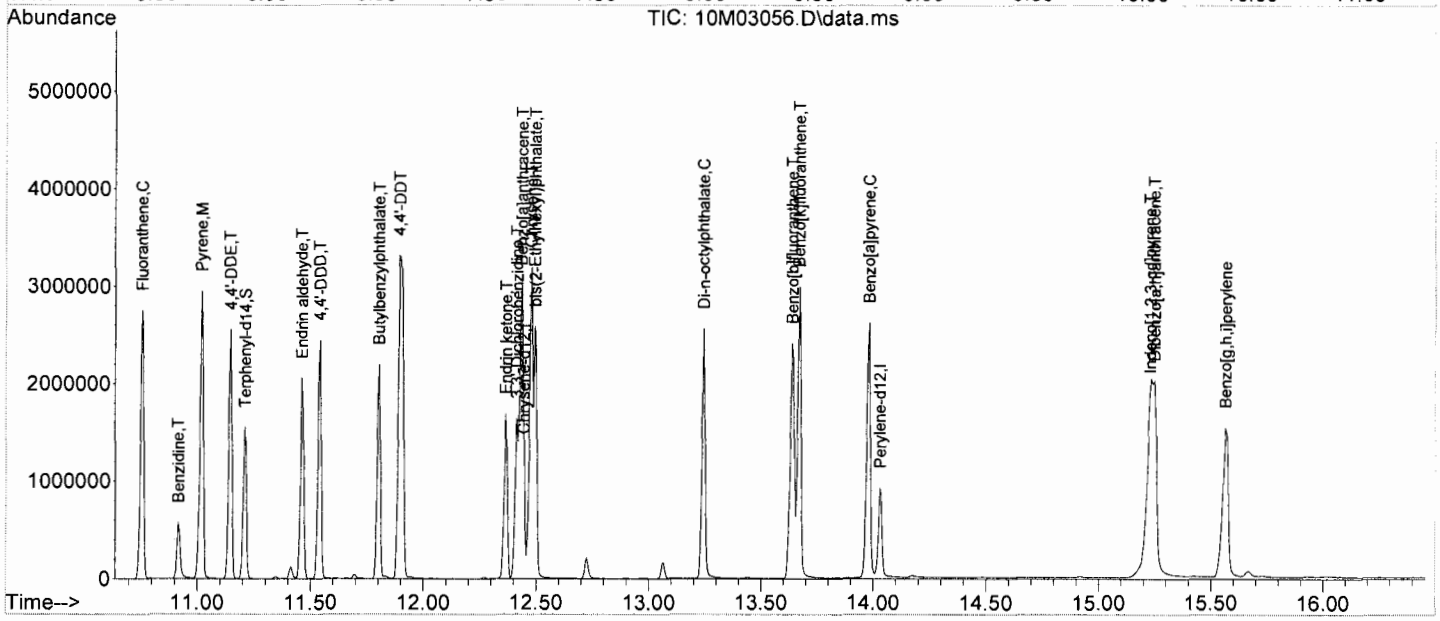
Quant QT Reviewed
SampleID : CAL BNA@120PPM
Data File: 10M03056.D
Acq On : 02/19/09 11:33
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 10M 0219.M
Qt On : 02/19/09 12:13
Qt Upd on: 02/19/09 11:43
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d6,S
Aniline,T
Phenol,C
Bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
Time-->


Abundance
TIC: 10M03056.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2-Nitrophenol,C
2,4-Dimethylphenol,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
Benzoic Acid,T
4-Chloroaniline,T
Hexachlorobutadiene,C
2-Nitroaniline,T
Diphenyl Ether,T
Acenaphthylene,M
Acenaphthene,C
2,3,4,6-Tetrachlorophenol,I
Diethylphthalate,T
Fluorene,C
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
4,4'-DDE,T
Time-->


Abundance
TIC: 10M03056.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03055.D Sam Mult : 1 Vial# : 4 Qt On : 02/19/09 11:31
Acq On : 02/19/09 10:58 Misc : A,BNA Qt Upd On: 02/19/09 11:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.583	152	76466	40.00	ng	-0.03
23) Naphthalene-d8	6.600	136	304619	40.00	ng	-0.02
41) Acenaphthene-d10	7.990	164	188025	40.00	ng	-0.02
67) Phenanthrene-d10	9.418	188	335954	40.00	ng	-0.02
81) Chrysene-d12	12.446	240	363937	40.00	ng	-0.02
96) Perylene-d12	14.029	264	346012	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.364	112	361170	175.79	ng	-0.03
Spiked Amount 100.000			Recovery = 175.79%			
9) Phenol-d5	5.284	99	499362	173.28	ng	-0.02
Spiked Amount 100.000			Recovery = 173.28%			
24) Nitrobenzene-d5	6.043	128	102023	84.53	ng	-0.02
Spiked Amount 50.000			Recovery = 169.06%			
46) 2-Fluorobiphenyl	7.423	172	512263	79.02	ng	-0.02
Spiked Amount 50.000			Recovery = 158.04%			
70) 2,4,6-Tribromophenol	8.718	330	219236	171.49	ng	-0.02
Spiked Amount 100.000			Recovery = 171.49%			
84) Terphenyl-d14	11.210	244	813042	86.82	ng	-0.02
Spiked Amount 50.000			Recovery = 173.64%			
Target Compounds						Qvalue
2) Pyridine	2.685	79	335115	160.67	ng	65
3) N-Nitrosodimethylamine	2.636	74	187874	169.42	ng	79
5) Benzaldehyde	5.204	77	116336	67.03	ng	84
6) Aniline	5.305	93	584436	200.68	ng	70
7) Pentachloroethane	5.343	117	117394	155.85	ng	73
8) bis(2-Chloroethyl)ether	5.370	93	349322	165.52	ng	79
10) Phenol	5.300	94	542710	170.90	ng	82
11) 2-Chlorophenol	5.407	128	419232	168.00	ng	79
12) N-Decane	5.455	57	321961	158.06	ng	77
13) 1,3-Dichlorobenzene	5.535	146	441821	159.23	ng	96
14) 1,4-Dichlorobenzene	5.600	146	465083	159.14	ng	96
15) 1,2-Dichlorobenzene	5.723	146	432679	157.45	ng	96
16) Benzyl alcohol	5.712	108	269841	175.65	ng	79
17) bis(2-chloroisopropyl)...	5.819	45	394866	159.80	ng	71
18) 2-Methylphenol	5.808	108	380725	166.51	ng	98
19) Acetophenone	5.926	105	646386	170.02	ng	68
20) Hexachloroethane	6.001	117	161909	158.41	ng	64
21) N-Nitroso-di-n-propyla...	5.931	70	322956	168.17	ng	73
22) 3&4-Methylphenol	5.937	108	430505	174.90	ng	97
25) Nitrobenzene	6.060	77	433616	161.48	ng	85
26) Isophorone	6.252	82	794440	161.37	ng	85
27) 2-Nitrophenol	6.311	139	245226	171.76	ng	84
28) 2,4-Dimethylphenol	6.348	107	426959	163.06	ng	91
29) Benzoic Acid	6.455	105	327824m	213.43	ng	
30) bis(2-Chloroethoxy)met...	6.418	93	459066	163.94	ng	96
31) 2,4-Dichlorophenol	6.498	162	380601	165.31	ng	86
32) 1,2,4-Trichlorobenzene	6.557	180	422994	156.41	ng	97
33) Naphthalene	6.616	128	1270734	156.56	ng	98
34) 4-Chloroaniline	6.659	127	395919	177.70	ng	99
35) Hexachlorobutadiene	6.707	225	246687	154.63	ng	96
36) Caprolactam	6.969	113	150177	167.85	ng	59
37) 4-Chloro-3-methylphenol	7.022	107	394822	162.50	ng	82
38) 2-Methylnaphthalene	7.140	142	909296	161.47	ng	99
39) Methylnaphthalenes (To...	7.140	142	909296	161.47	ng	99
40) 1,1'-Biphenyl	7.504	154	1123457	158.12	ng	94
42) 1,2,4,5-Tetrachloroben...	7.268	216	519986	158.42	ng	98
43) Hexachlorocyclopentadiene	7.258	237	268760	183.76	ng	97
44) 2,4,6-Trichlorophenol	7.359	196	303763	168.44	ng	99
45) 2,4,5-Trichlorophenol	7.391	196	331849	169.05	ng	99
47) 2-Chloronaphthalene	7.525	162	860246	162.64	ng	93
48) 1,4-Dimethylnaphthalene	7.798	156	714248	163.17	ng	88
49) Dimethylnaphthalenes (...	7.798	156	714248	163.17	ng	88
50) Diphenyl Ether	7.589	170	689759	161.93	ng	73
51) 2-Nitroaniline	7.611	65	310619	163.40	ng	54
52) Acenaphthylene	7.878	152	1438129	163.73	ng	98
53) Dimethylphthalate	7.755	163	1010768	161.30	ng	98
54) 2,6-Dinitrotoluene	7.809	165	248763	166.75	ng	58
55) Acenaphthene	8.022	153	914627	160.53	ng	96
56) 3-Nitroaniline	7.958	138	206845	177.57	ng	72
57) 2,4-Dinitrophenol	8.044	184	173020	228.67	ng	88
58) Dibenzofuran	8.178	168	1298168	160.33	ng	80
59) 2,4-Dinitrotoluene	8.162	165	339778	171.33	ng	61

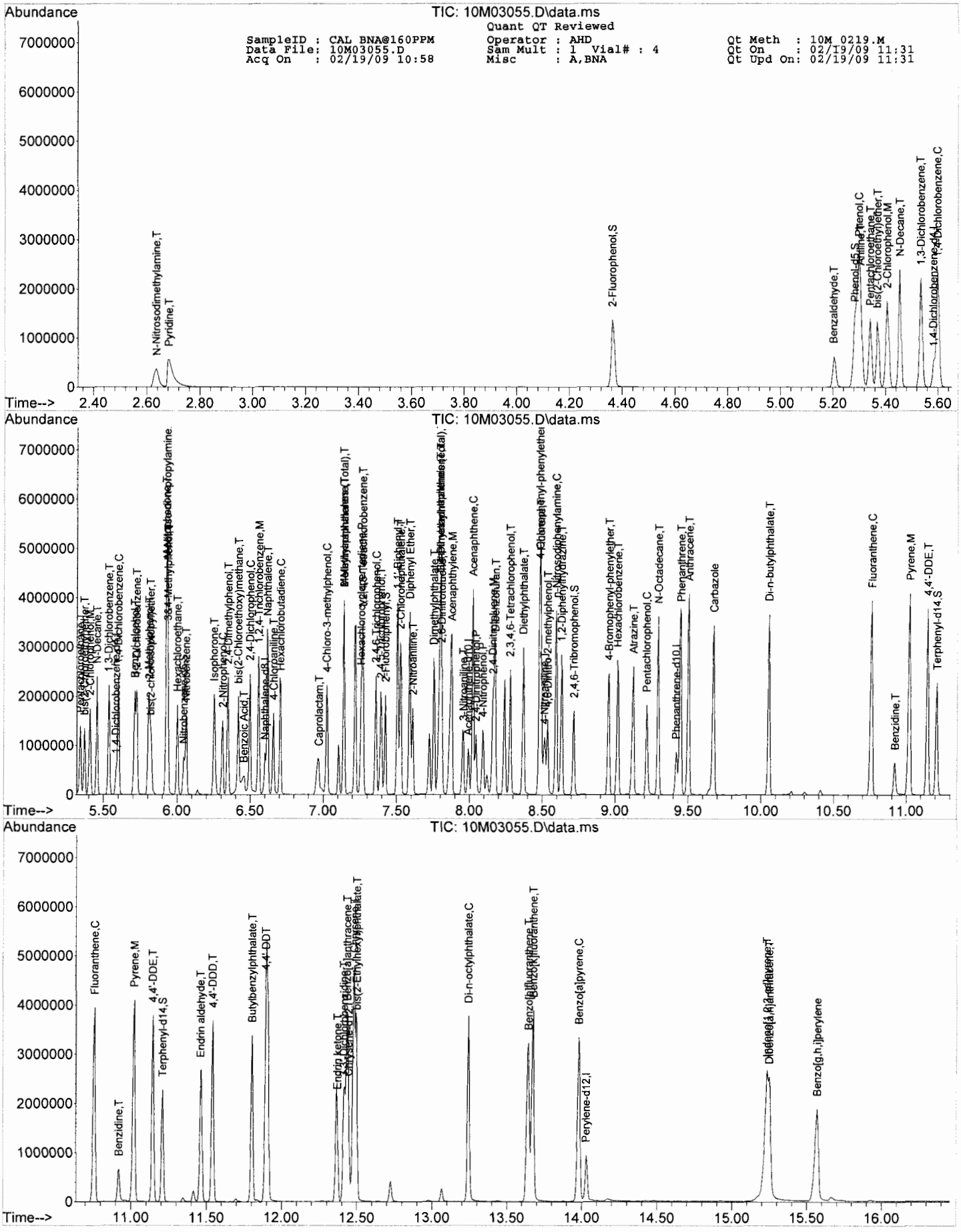
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03055.D Sam Mult : 1 Vial# : 4 Qt On : 02/19/09 11:31
Acq On : 02/19/09 10:58 Misc : A,BNA Qt Upd On: 02/19/09 11:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.092	65	197686	181.02	ng	92
61) 2,3,4,6-Tetrachlorophenol	8.279	232	315318	171.10	ng	80
62) Fluorene	8.488	166	1106442	163.49	ng	99
63) 4-Chlorophenyl-phenyle...	8.482	204	550100	161.62	ng	77
64) Diethylphthalate	8.370	149	997283	160.38	ng	96
65) 4-Nitroaniline	8.515	138	267340	176.94	ng	78
66) Atrazine	9.124	200	342851	161.12	ng	92
68) 4,6-Dinitro-2-methylph...	8.536	198	229478	195.81	ng	100
69) n-Nitrosodiphenylamine	8.595	169	950722	162.73	ng	98
71) 1,2-Diphenylhydrazine	8.632	77	1001253	166.64	ng	83
72) 4-Bromophenyl-phenylether	8.959	248	366927	164.00	ng	74
73) Hexachlorobenzene	9.017	284	421751	156.64	ng	55
74) N-Octadecane	9.295	57	515498	171.63	ng	70
75) Pentachlorophenol	9.215	266	246910	192.31	ng	98
76) Phenanthrene	9.451	178	1625167	159.64	ng	97
77) Anthracene	9.504	178	1679217	163.99	ng	98
78) Carbazole	9.675	167	1576117	165.07	ng	96
79) Di-n-butylphthalate	10.055	149	1804282	170.11	ng	97
80) Fluoranthene	10.761	202	1839917	162.45	ng	85
82) Pyrene	11.023	202	1968069	173.09	ng	82
83) Benzidine	10.921	184	290262	129.46	ng	80
85) 4,4'-DDE	11.146	246	451831	172.08	ng	86
86) Endrin	11.462	81	95607	178.43	ng	18
87) 4,4'-DDD	11.542	235	777161	175.68	ng	92
88) Butylbenzylphthalate	11.804	149	795110	180.36	ng	71
89) Endrin aldehyde	11.462	67	43427	162.67	ng	76
90) 4,4'-DDT	11.895	235	846632	181.23	ng	92
91) Endrin ketone	12.371	317	105365	165.65	ng	98
92) 3,3'-Dichlorobenzidine	12.414	252	486157	186.26	ng	95
93) Benzo[a]anthracene	12.435	228	1939745	163.73	ng	97
94) Chrysene	12.483	228	1860548	161.14	ng	95
95) bis(2-Ethylhexyl)phtha...	12.499	149	1129580	181.00	ng	90
97) Di-n-octylphthalate	13.243	149	1867157	206.31	ng	99
98) Benzo[b]fluoranthene	13.644	252	1773411	170.59	ng	90
99) Benzo[k]fluoranthene	13.676	252	1846435	171.77	ng	89
100) Benzo[a]pyrene	13.981	252	1698344	170.78	ng	89
101) Indeno[1,2,3-cd]pyrene	15.232	276	1724851	158.94	ng	81
102) Dibenzo[a,h]anthracene	15.249	278	1484989	161.66	ng	83
103) Benzo[g,h,i]perylene	15.569	276	1372532	153.36	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@160PPM
Data File: 10M03055.D
Acq On : 02/19/09 10:58
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 10M_0219.M
Qt On : 02/19/09 11:31
Qt Upd On: 02/19/09 11:31
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Aniline,T
Phenol,C
Pentachloroethane,T
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,C
Time-->

Abundance
TIC: 10M03055.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2-Nitrophenol,C
2,4-Dimethylphenol,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
4-Chloroaniline,T
Hexachlorobutadiene,C
Benzoic Acid,T
Diphenyl Ether,T
2-Nitroaniline,T
Acenaphthylene,M
Acenaphthene,C
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
2-Methylphenol,T
1,2-Diphenylhydrazine,C
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->

Abundance
TIC: 10M03055.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03054.D Sam Mult : 1 Vial# : 3 Qt On : 02/19/09 11:31
Acq On : 02/19/09 10:36 Misc : A,BNA Qt Upd On: 02/19/09 11:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.589	152	66114	40.00	ng	-0.02
23) Naphthalene-d8	6.600	136	269194	40.00	ng	-0.02
41) Acenaphthene-d10	7.990	164	174142	40.00	ng	-0.02
67) Phenanthrene-d10	9.418	188	317134	40.00	ng	-0.02
81) Chrysene-d12	12.446	240	358584	40.00	ng	-0.02
96) Perylene-d12	14.029	264	328778	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.364	112	397090	223.53	ng	-0.03
Spiked Amount 100.000			Recovery = 223.53%			
9) Phenol-d5	5.289	99	556379	223.30	ng	-0.01
Spiked Amount 100.000			Recovery = 223.30%			
24) Nitrobenzene-d5	6.049	128	113249	106.18	ng	-0.01
Spiked Amount 50.000			Recovery = 212.36%			
46) 2-Fluorobiphenyl	7.423	172	573499	95.51	ng	-0.02
Spiked Amount 50.000			Recovery = 191.02%			
70) 2,4,6-Tribromophenol	8.718	330	252037	208.84	ng	-0.02
Spiked Amount 100.000			Recovery = 208.84%			
84) Terphenyl-d14	11.210	244	955802	103.59	ng	-0.02
Spiked Amount 50.000			Recovery = 207.18%			
Target Compounds						Qvalue
2) Pyridine	2.679	79	369124	204.68	ng	69
3) N-Nitrosodimethylamine	2.636	74	203635	212.38	ng	78
5) Benzaldehyde	5.204	77	101445	67.60	ng	83
6) Aniline	5.305	93	646288	256.67	ng	70
7) Pentachloroethane	5.343	117	126507	194.25	ng	71
8) bis(2-Chloroethyl)ether	5.369	93	380493	208.52	ng	80
10) Phenol	5.300	94	609366	221.93	ng	85
11) 2-Chlorophenol	5.407	128	462508	214.37	ng	80
12) N-Decane	5.455	57	341140	193.70	ng	78
13) 1,3-Dichlorobenzene	5.535	146	480390	200.24	ng	98
14) 1,4-Dichlorobenzene	5.599	146	502430	198.84	ng	97
15) 1,2-Dichlorobenzene	5.728	146	472248	198.76	ng	98
16) Benzyl alcohol	5.712	108	303630	228.60	ng	79
17) bis(2-chloroisopropyl)...	5.819	45	433470	202.89	ng	71
18) 2-Methylphenol	5.808	108	423790	214.37	ng	97
19) Acetophenone	5.931	105	713018	216.91	ng	71
20) Hexachloroethane	6.001	117	176002	199.16	ng	70
21) N-Nitroso-di-n-propyla...	5.931	70	356082	214.45	ng	74
22) 3&4-Methylphenol	5.936	108	478501	224.84	ng	99
25) Nitrobenzene	6.065	77	475112	200.21	ng	80
26) Isophorone	6.252	82	879463	202.15	ng	86
27) 2-Nitrophenol	6.311	139	268940	213.16	ng	88
28) 2,4-Dimethylphenol	6.348	107	476742	206.04	ng	90
29) Benzoic Acid	6.461	105	361150m	266.07	ng	
30) bis(2-Chloroethoxy)met...	6.418	93	505747	204.38	ng	98
31) 2,4-Dichlorophenol	6.498	162	427481	210.11	ng	87
32) 1,2,4-Trichlorobenzene	6.557	180	467678	195.69	ng	97
33) Naphthalene	6.621	128	1427769	199.06	ng	99
34) 4-Chloroaniline	6.659	127	413784	210.15	ng	99
35) Hexachlorobutadiene	6.707	225	268343	190.34	ng	96
36) Caprolactam	6.974	113	166366	210.42	ng	58
37) 4-Chloro-3-methylphenol	7.028	107	446842	208.11	ng	77
38) 2-Methylnaphthalene	7.140	142	1016618	204.29	ng	99
39) Methylnaphthalenes (To...	7.140	142	1016618	204.29	ng	99
40) 1,1'-Biphenyl	7.509	154	1262569	201.08	ng	92
42) 1,2,4,5-Tetrachloroben...	7.268	216	580930	191.10	ng	97
43) Hexachlorocyclopentadiene	7.258	237	302275	223.15	ng	98
44) 2,4,6-Trichlorophenol	7.359	196	338430	202.63	ng	99
45) 2,4,5-Trichlorophenol	7.397	196	367892	202.35	ng	100
47) 2-Chloronaphthalene	7.530	162	964198	196.82	ng	90
48) 1,4-Dimethylnaphthalene	7.803	156	800334	197.41	ng	84
49) Dimethylnaphthalenes (...	7.803	156	800334	197.41	ng	84
50) Diphenyl Ether	7.589	170	775420	196.55	ng	73
51) 2-Nitroaniline	7.611	65	351065	199.40	ng	53
52) Acenaphthylene	7.878	152	1626331	199.92	ng	99
53) Dimethylphthalate	7.760	163	1135792	195.70	ng	98
54) 2,6-Dinitrotoluene	7.814	165	278911	201.86	ng	50
55) Acenaphthene	8.022	153	1018711	193.05	ng	95
56) 3-Nitroaniline	7.958	138	238906	221.44	ng	73
57) 2,4-Dinitrophenol	8.044	184	201275	287.22	ng	87
58) Dibenzofuran	8.178	168	1470632	196.10	ng	80
59) 2,4-Dinitrotoluene	8.161	165	383738	208.93	ng	66

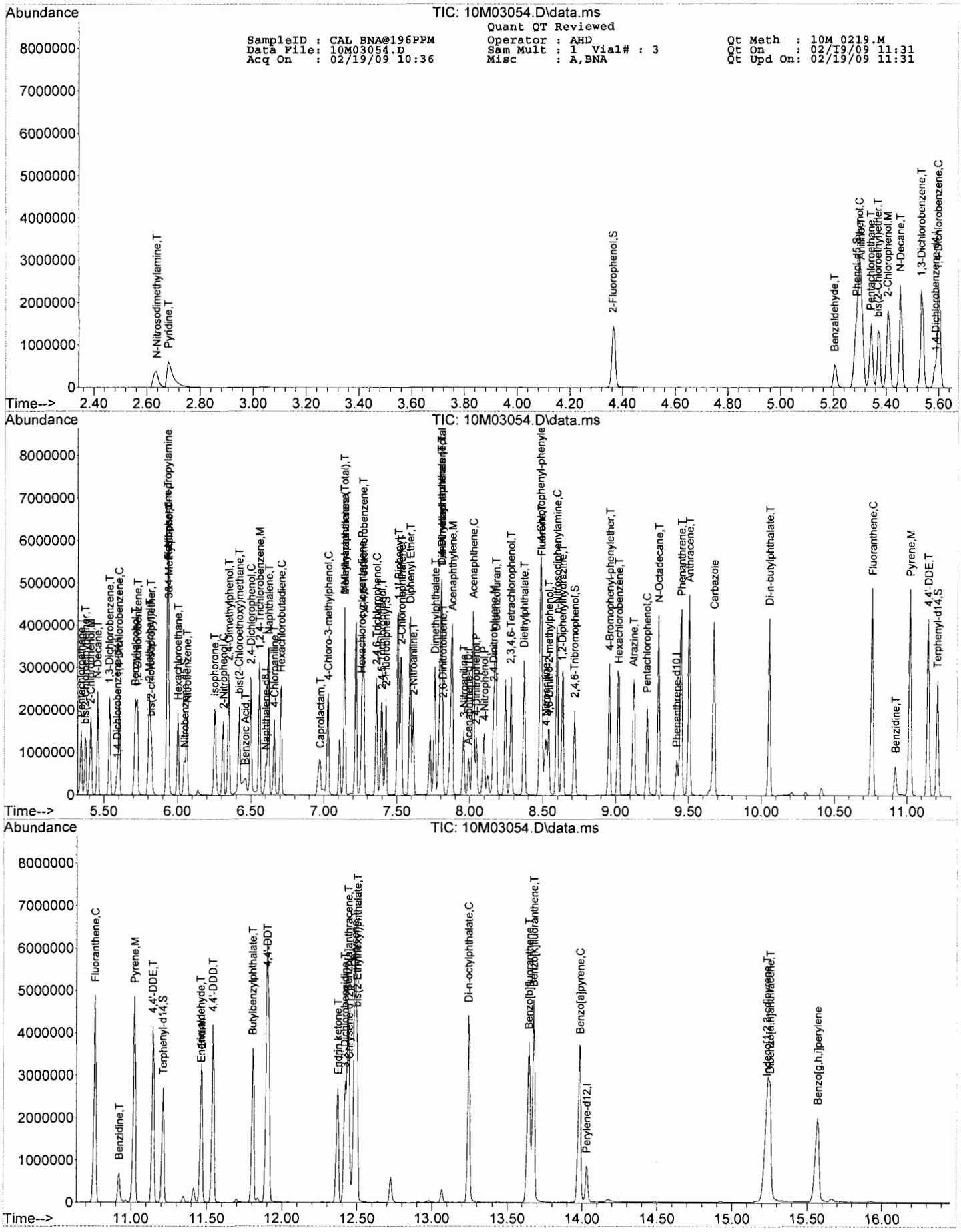
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03054.D Sam Mult : 1 Vial# : 3 Qt On : 02/19/09 11:31
Acq On : 02/19/09 10:36 Misc : A,BNA Qt Upd On: 02/19/09 11:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.097	65	228020	225.44	ng	90
61)	2,3,4,6-Tetrachlorophenol	8.279	232	358130	209.82	ng	79
62)	Fluorene	8.488	166	1258434	200.77	ng	98
63)	4-Chlorophenyl-phenyle...	8.482	204	617759	195.97	ng	78
64)	Diethylphthalate	8.370	149	1134620	197.01	ng	96
65)	4-Nitroaniline	8.520	138	310755	222.08	ng	79
66)	Atrazine	9.124	200	396720	201.30	ng	94
68)	4,6-Dinitro-2-methylph...	8.541	198	266217	240.63	ng	100
69)	n-Nitrosodiphenylamine	8.595	169	1096239	198.78	ng	97
71)	1,2-Diphenylhydrazine	8.632	77	1123143	198.02	ng	84
72)	4-Bromophenyl-phenylether	8.958	248	423835	200.67	ng	74
73)	Hexachlorobenzene	9.023	284	477131	187.72	ng	50
74)	N-Octadecane	9.295	57	585541	206.52	ng	71
75)	Pentachlorophenol	9.215	266	289605	238.95	ng	99
76)	Phenanthrene	9.450	178	1866001	194.18	ng	97
77)	Anthracene	9.504	178	1920449	198.67	ng	98
78)	Carbazole	9.675	167	1814777	201.34	ng	96
79)	Di-n-butylphthalate	10.055	149	2066514	206.40	ng	97
80)	Fluoranthene	10.761	202	2147266	200.84	ng	87
82)	Pyrene	11.023	202	2300307	205.33	ng	84
83)	Benzidine	10.921	184	299419	135.54	ng	81
85)	4,4'-DDE	11.146	246	531089	205.28	ng	86
86)	Endrin	11.467	81	114117	216.16	ng	23
87)	4,4'-DDD	11.542	235	920476	211.19	ng	92
88)	Butylbenzylphthalate	11.804	149	941010	216.64	ng	71
89)	Endrin aldehyde	11.462	67	50905	193.53	ng	77
90)	4,4'-DDT	11.900	235	1004346	218.20	ng	93
91)	Endrin ketone	12.371	317	126160	201.31	ng	99
92)	3,3'-Dichlorobenzidine	12.419	252	551229	214.34	ng	94
93)	Benzo[a]anthracene	12.440	228	2297685	196.84	ng	97
94)	Chrysene	12.483	228	2230588	196.07	ng	95
95)	bis(2-Ethylhexyl)phtha...	12.499	149	1345268	218.78	ng	89
97)	Di-n-octylphthalate	13.243	149	2255797	262.32	ng	99
98)	Benzo[b]fluoranthene	13.644	252	2257678	228.56	ng	90
99)	Benzo[k]fluoranthene	13.676	252	2083006	203.94	ng	90
100)	Benzo[a]pyrene	13.986	252	1986840	210.27	ng	87
101)	Indeno[1,2,3-cd]pyrene	15.232	276	1946787	188.79	ng	80
102)	Dibenzo[a,h]anthracene	15.254	278	1684760	193.02	ng	81
103)	Benzo[g,h,i]perylene	15.569	276	1544214	181.59	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@196PPM
Data File: 10M03054.D
Acq On : 02/19/09 10:36
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 10M_0219.M
Qt On : 02/19/09 11:31
Qt Upd On: 02/19/09 11:31
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->

Abundance
TIC: 10M03054.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
Benzoic Acid,T
Naphthalene,T
Hexachlorobutadiene,C
Diphenyl Ether,T
Acenaphthylene,M
Acenaphthene,C
Diethylphthalate,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
4,4'-DDE,T
Time-->

Abundance
TIC: 10M03054.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M48941.	CAL BNA@50PPM	02/19/09 11:59	2	5M48944.	CAL BNA@2PPM	02/19/09 13:07
3	5M48945.	CAL BNA@10PPM	02/19/09 13:57	4	5M48942.	CAL BNA@20PPM	02/19/09 12:22
5	5M48940.	CAL BNA@80PPM	02/19/09 11:37	6	5M48939.	CAL BNA@120PPM	02/19/09 11:15
7	5M48938.	CAL BNA@160PPM	02/19/09 10:52	8	5M48937.	CAL BNA@196PPM	02/19/09 10:17

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Qua	1.3083	0.8768	1.1190	1.1195	1.3086	1.3431	1.4111	1.4346	-----	1.24	3.02	0.999	1.00	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.7631	0.5460	0.6616	0.6620	0.7490	0.7547	0.8039	0.8426	-----	0.723	2.95	0.997	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.3367	1.1800	1.1835	1.1716	1.3533	1.3689	1.4234	1.4371	-----	1.31	4.57	0.999	1.00	8.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Qua	0.8689	1.1646	1.0844	1.0481	0.6585	0.5432	0.4404	0.3457	-----	0.769	5.41	0.852	0.993	41		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	Avg	1.9573	1.2794	1.8738	1.8237	1.9302	1.8329	1.7431	1.7685	-----	1.78	5.50	0.998	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.4273	0.4838	0.4138	0.3910	0.4238	0.3952	0.3922	0.3948	-----	0.415	5.55	0.999	0.999	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.2126	1.4067	1.2692	1.1440	1.1857	1.1220	1.0823	1.1295	-----	1.19	5.57	0.998	0.998	8.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.7102	1.5895	1.6220	1.5867	1.7356	1.6931	1.7106	1.7614	-----	1.68	5.47	0.999	1.00	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.7955	1.7647	1.7781	1.6898	1.8032	1.7346	1.7010	1.7385	-----	1.75	5.48	0.999	0.999	2.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.3535	1.4586	1.3251	1.2680	1.3633	1.3300	1.2948	1.3289	-----	1.34	5.60	0.999	0.999	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.1222	1.2508	1.1802	1.1104	1.0758	0.9694	0.9200	0.9434	-----	1.07	5.65	0.996	0.998	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.3-Dichlorobenzene	1	0	Avg	1.5183	1.7679	1.5242	1.4714	1.4922	1.4118	1.3979	1.4270	-----	1.50	5.74	0.999	0.999	7.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dichlorobenzene	1	0	Avg	1.5277	1.6749	1.5587	1.4722	1.5029	1.4308	1.4120	1.4409	-----	1.50	5.80	0.999	0.999	5.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Dichlorobenzene	1	0	Avg	1.4000	1.5988	1.4232	1.3361	1.3846	1.3173	1.3033	1.3240	-----	1.39	5.93	0.999	0.999	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.8444	0.8131	0.8628	0.8097	0.8494	0.8330	0.8302	0.8378	-----	0.835	5.90	1.00	1.00	2.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)e	1	0	Avg	1.1902	1.4296	1.2545	1.1951	1.1728	1.0812	1.0117	1.0259	-----	1.17	6.02	0.996	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.1735	1.2029	1.1494	1.1016	1.1669	1.1246	1.1090	1.1293	-----	1.14	5.99	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	1.8923	2.2113	2.0046	1.8587	1.8689	1.8036	1.7678	1.7854	-----	1.90	6.12	1.00	1.00	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5397	0.6401	0.5341	0.5127	0.5241	0.5076	0.5040	0.5132	-----	0.534	6.21	1.00	1.00	8.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.8443	1.0270	0.8974	0.8305	0.8186	0.7923	0.7611	0.7643	-----	0.842	6.12	0.999	1.00	10	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.1602	1.2776	1.2192	1.1392	1.1666	1.1191	1.0888	1.0881	-----	1.16	6.12	0.999	1.00	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1781	0.1777	0.1710	0.1615	0.1774	0.1714	0.1711	0.1704	-----	0.172	6.24	1.00	1.00	3.2		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3446	0.3930	0.3582	0.3371	0.3409	0.3285	0.3220	0.3132	-----	0.342	6.26	0.999	1.00	7.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.6501	0.6752	0.6691	0.6277	0.6588	0.6388	0.6283	0.6287	-----	0.647	6.44	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1886	0.1762	0.1740	0.1743	0.1953	0.1887	0.1859	0.1841	-----	0.183	6.51	0.999	1.00	4.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dimethylphenol	1	0	Avg	0.3577	0.3693	0.3579	0.3481	0.3640	0.3472	0.3387	0.3372	-----	0.353	6.54	0.999	1.00	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.1859	-----	0.0856	0.1243	0.2158	0.2283	0.2189	0.2194	-----	0.183	6.59	0.998	0.999	31		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.3710	0.4314	0.3947	0.3676	0.3689	0.3606	0.3527	0.3502	-----	0.375	6.61	1.00	1.00	7.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dichlorophenol	1	0	Avg	0.3067	0.3052	0.3041	0.2906	0.3122	0.3010	0.2946	0.2913	-----	0.301	6.69	0.999	1.00	2.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4-Trichlorobenzene	1	0	Avg	0.3706	0.4319	0.3767	0.3596	0.3701	0.3504	0.3496	0.3467	-----	0.369	6.76	0.999	1.00	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0194	1.1916	1.0522	1.0050	1.0258	0.9755	0.9542	0.9441	-----	1.02	6.82	0.999	1.00	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.4020	0.2777	0.3764	0.3897	0.3638	0.3357	0.2809	-----	-----	0.347	6.86	0.971	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Hexachlorobutadiene	1	0	Avg	0.2329	0.2529	0.2294	0.2193	0.2283	0.2206	0.2159	0.2165	-----	0.227	6.91	0.999	1.00	5.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1157	0.0957	0.1116	0.1092	0.1207	0.1219	0.0970	0.1026	-----	0.109	7.12	0.982	0.990	9.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3074	0.2920	0.3077	0.2949	0.3180	0.3170	0.2953	0.2959	-----	0.304	7.22	0.998	0.999	3.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7229	0.7861	0.7501	0.7029	0.7340	0.7023	0.6603	0.6587	-----	0.715	7.36	0.997	0.999	6.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7229	0.7861	0.7501	0.7029	0.7340	0.7023	0.6603	0.6587	-----	0.715	7.36	0.997	0.999	6.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.1'-Biphenyl	1	0	Avg	0.8972	1.0707	0.9425	0.8755	0.9040	0.8754	0.8027	0.8169	-----	0.898	7.73	0.997	0.999	9.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4.5-Tetrachloroben	1	0	Avg	0.7058	0.8046	0.7318	0.6827	0.6694	0.6284	0.6374	0.6153	-----	0.684	7.49	0.998	0.999	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Avg	0.3871	0.2480	0.3140	0.3302	0.3858	0.3735	0.3918	0.3731	-----	0.350	7.48	0.999	0.999	14	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Trichlorophenol	1	0	Avg	0.3888	0.3668	0.3726	0.3599	0.3846	0.3660	0.3674	0.3619	-----	0.371	7.58	0.999	0.999	2.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.23
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M48941.	CAL BNA@50PPM	02/19/09 11:59	2	5M48944.	CAL BNA@2PPM	02/19/09 13:07
3	5M48945.	CAL BNA@10PPM	02/19/09 13:57	4	5M48942.	CAL BNA@20PPM	02/19/09 12:22
5	5M48940.	CAL BNA@80PPM	02/19/09 11:37	6	5M48939.	CAL BNA@120PPM	02/19/09 11:15
7	5M48938.	CAL BNA@160PPM	02/19/09 10:52	8	5M48937.	CAL BNA@196PPM	02/19/09 10:17

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.4248	0.3919	0.3997	0.3953	0.4055	0.3933	0.3827	0.3794	-----	0.397	7.61	0.999	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.4269	1.6083	1.4617	1.3575	1.3723	1.2843	1.2956	1.2422	-----	1.38	7.65	0.998	0.999	8.5		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1664	1.3041	1.2058	1.1232	1.1140	1.0558	1.0429	1.0110	-----	1.13	7.75	0.998	1.00	8.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthalei	1	0	Avg	0.9250	1.1113	0.9630	0.8941	0.8776	0.8168	0.8034	0.7929	-----	0.898	8.04	0.998	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	0.9250	1.1113	0.9630	0.8941	0.8776	0.8168	0.8034	0.7929	-----	0.898	8.04	0.998	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.9053	1.0288	0.9321	0.8644	0.8680	0.8155	0.8207	0.8026	-----	0.880	7.82	0.999	1.00	8.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.3717	0.3680	0.3704	0.3567	0.3530	0.3305	0.3159	0.3176	-----	0.348	7.83	0.997	0.999	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.7882	1.9702	1.8519	1.7399	1.7144	1.6075	1.5849	1.5722	-----	1.73	8.11	0.999	1.00	8.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.3865	1.4829	1.4122	1.3248	1.3337	1.2813	1.2242	1.2405	-----	1.34	7.98	0.998	0.999	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.3130	0.2799	0.3049	0.2980	0.2977	0.2826	0.2701	0.2707	-----	0.290	8.04	0.998	0.999	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.1671	1.2977	1.1888	1.1125	1.1338	1.0842	1.0554	1.0484	-----	1.14	8.27	0.999	1.00	7.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3111	0.2491	0.2833	0.2935	0.2762	0.2622	0.2431	0.2417	-----	0.270	8.19	0.994	0.998	9.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	Qua	0.1400	-----	0.0628	0.0881	0.1517	0.1649	0.1640	0.1703	-----	0.135	8.28	0.999	0.999	31	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.6938	1.8738	1.7187	1.5990	1.6340	1.5404	1.4485	1.4841	-----	1.62	8.42	0.997	0.999	8.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.4238	0.3290	0.4010	0.4007	0.4219	0.4101	0.3928	0.4066	-----	0.398	8.39	0.999	0.999	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	LinF	0.1985	0.1162	0.1710	0.1814	0.1952	0.1938	0.1849	0.1910	-----	0.179	8.31	0.999	1.00	15	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.3824	0.2751	0.3513	0.3494	0.3702	0.3616	0.3534	0.3542	-----	0.350	8.53	0.999	1.00	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.3869	1.5100	1.4408	1.3402	1.3251	1.2589	1.1934	1.2214	-----	1.33	8.74	0.998	0.999	8.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.7481	0.7972	0.7543	0.7102	0.7152	0.6894	0.6779	0.6860	-----	0.722	8.74	0.999	1.00	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.3520	1.3439	1.3551	1.2640	1.2928	1.2567	1.1946	1.2382	-----	1.29	8.61	0.998	0.999	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3391	0.3065	0.3285	0.3160	0.3245	0.3100	0.3020	0.3128	-----	0.317	8.75	0.999	0.999	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4939	0.4384	0.4793	0.4514	0.4652	0.4578	0.4271	0.4523	-----	0.458	9.38	0.997	0.998	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Qua	0.1249	-----	0.0839	0.0978	0.1330	0.1336	0.1363	0.1386	-----	0.121	8.77	1.00	1.00	18		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6430	0.7180	0.6737	0.6317	0.6346	0.5944	0.5921	0.5750	-----	0.633	8.84	0.998	1.00	7.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Tribromophenol	1	0	Avg	0.1284	0.0920	0.1159	0.1188	0.1297	0.1251	0.1269	0.1243	-----	0.120	8.98	1.00	1.00	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	0.6601	0.7384	0.6971	0.6525	0.6401	0.5901	0.5834	0.5570	-----	0.640	8.89	0.997	1.00	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.2659	0.2835	0.2674	0.2549	0.2667	0.2520	0.2547	0.2477	-----	0.262	9.22	0.999	1.00	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.2720	0.3044	0.2807	0.2681	0.2780	0.2565	0.2636	0.2549	-----	0.272	9.29	0.999	0.999	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.3618	0.3790	0.3808	0.3566	0.3529	0.3169	0.2999	0.2883	-----	0.342	9.56	0.992	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.1436	-----	0.0914	0.1092	0.1551	0.1553	0.1604	0.1607	-----	0.139	9.49	1.00	1.00	20	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.1616	1.3259	1.1778	1.1396	1.1386	1.0698	1.0563	1.0457	-----	1.14	9.72	0.999	1.00	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.1635	1.2825	1.1905	1.1375	1.1449	1.0516	1.0469	1.0321	-----	1.13	9.78	0.998	0.999	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.0660	1.1444	1.1059	1.0551	1.0574	0.9893	0.9928	0.9859	-----	1.05	9.95	0.999	1.00	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.2882	1.2218	1.2433	1.1850	1.3061	1.2126	1.1949	1.1903	-----	1.23	10.33	0.999	0.999	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.4322	1.4239	1.4284	1.3698	1.3969	1.2835	1.3255	1.3018	-----	1.37	11.05	0.999	0.999	4.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.5039	1.5447	1.4914	1.3969	1.5024	1.4707	1.3866	1.4146	-----	1.46	11.32	0.999	0.999	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.3860	0.1923	0.3947	0.3853	0.2900	0.2519	0.2334	0.1888	-----	0.290	11.21	0.931	0.992	30		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Terphenyl-d14	1	0	Avg	1.1476	1.1686	1.1384	1.0573	1.1476	1.1381	1.0919	1.1477	-----	1.13	11.51	0.999	0.999	3.2		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4.4'-DDE	1	0	Avg	0.3550	0.3731	0.3530	0.3327	0.3562	0.3545	0.3338	0.3368	-----	0.349	11.44	0.999	0.999	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0614	0.0620	0.0601	0.0550	0.0610	0.0607	0.0565	0.0585	-----	0.0594	11.77	0.998	0.999	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.4'-DDD	1	0	Avg	0.5652	0.5368	0.5683	0.5308	0.5709	0.5599	0.5441	0.5526	-----	0.554	11.84	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.23

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0640

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M48941.	CAL BNA@50PPM	02/19/09 11:59	2	5M48944.	CAL BNA@2PPM	02/19/09 13:07
3	5M48945.	CAL BNA@10PPM	02/19/09 13:57	4	5M48942.	CAL BNA@20PPM	02/19/09 12:22
5	5M48940.	CAL BNA@80PPM	02/19/09 11:37	6	5M48939.	CAL BNA@120PPM	02/19/09 11:15
7	5M48938.	CAL BNA@160PPM	02/19/09 10:52	8	5M48937.	CAL BNA@196PPM	02/19/09 10:17

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.5685	0.4684	0.5382	0.5115	0.5810	0.5854	0.5571	0.5675	-----	0.547	12.10	0.999	0.999	7.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0333	0.0317	0.0314	0.0311	0.0321	0.0325	0.0303	0.0308	-----	0.0317	11.77	0.998	0.999	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDT	1	0	Avg	0.5561	0.4854	0.5454	0.5025	0.5607	0.5610	0.5304	0.5577	-----	0.537	12.20	0.999	0.999	5.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0705	0.0626	0.0662	0.0623	0.0700	0.0701	0.0707	0.0724	-----	0.0681	12.68	1.00	1.00	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.4079	0.3026	0.3316	0.3698	0.3659	0.3386	0.3305	0.3146	-----	0.345	12.72	0.993	0.999	9.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.3513	1.4486	1.3613	1.3226	1.3541	1.3068	1.2984	1.3257	-----	1.35	12.74	1.00	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.2464	1.3648	1.2709	1.2196	1.2052	1.1727	1.1873	1.2025	-----	1.23	12.78	1.00	1.00	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.7067	0.6145	0.6648	0.6394	0.6956	0.6955	0.6669	0.6871	-----	0.671	12.80	0.999	0.999	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Avg	1.2341	0.9588	1.1075	1.0786	1.2486	1.3169	1.2322	1.2974	-----	1.18	13.54	0.998	0.998	10	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.2882	1.2318	1.2715	1.1732	1.2286	1.2881	1.3140	1.3663	-----	1.27	13.95	0.998	1.00	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.2593	1.3790	1.2769	1.2448	1.2651	1.1681	1.1086	1.1768	-----	1.23	13.98	0.997	0.997	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.2319	1.2163	1.1618	1.1493	1.1940	1.1813	1.1637	1.1690	-----	1.18	14.31	1.00	1.00	2.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.4096	1.2676	1.2673	1.2776	1.3673	1.3222	1.2327	1.2232	-----	1.30	15.68	0.996	0.999	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.1552	1.1100	1.0483	1.0917	1.1265	1.0617	0.9969	0.9807	-----	1.07	15.71	0.996	1.00	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.1490	1.1481	1.0588	1.0943	1.1122	1.0722	0.9544	0.9667	-----	1.07	16.05	0.993	0.998	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags	
a - failed the spcc criteria	** - ccc compound*
b - failed the ccc criteria	*** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)	

Note: Avg Rsd: 8.23

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48941.D Sam Mult : 1 Vial# : 7 Qt On : 02/19/09 12:20
Acq On : 02/19/09 11:59 Misc : A,BNA Qt Upd On: 02/19/09 11:38

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.787	152	48403	40.00	ng	0.00
23) Naphthalene-d8	6.807	136	177787	40.00	ng	0.00
41) Acenaphthene-d10	8.233	164	103247	40.00	ng	0.00
67) Phenanthrene-d10	9.697	188	188175	40.00	ng	0.00
81) Chrysene-d12	12.753	240	183324	40.00	ng	-0.01
96) Perylene-d12	14.372	264	188153	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.574	112	80878	47.87	ng	0.00
Spiked Amount 100.000			Recovery = 47.87%			
9) Phenol-d5	5.471	99	103479	49.59	ng	-0.01
Spiked Amount 100.000			Recovery = 49.59%			
24) Nitrobenzene-d5	6.246	128	19797	25.73	ng	0.00
Spiked Amount 50.000			Recovery = 51.46%			
46) 2-Fluorobiphenyl	7.646	172	92081	27.17	ng	0.00
Spiked Amount 50.000			Recovery = 54.34%			
70) 2,4,6-Tribromophenol	8.976	330	30210	51.11	ng	0.00
Spiked Amount 100.000			Recovery = 51.11%			
84) Terphenyl-d14	11.503	244	131492	25.32	ng	0.00
Spiked Amount 50.000			Recovery = 50.64%			
Target Compounds						Qvalue
2) Pyridine	3.003	79	79162	47.29	ng	67
3) N-Nitrosodimethylamine	2.934	74	46172	47.95	ng	74
5) Benzaldehyde	5.407	77	52575	80.95	ng	72
6) Aniline	5.503	93	118425	53.79	ng	42
7) Pentachloroethane	5.546	117	25858	53.22	ng	65
8) bis(2-Chloroethyl)ether	5.568	93	73368	53.33	ng	75
10) Phenol	5.482	94	108638	51.31	ng	91
11) 2-Chlorophenol	5.605	128	81897	51.08	ng	79
12) N-Decane	5.653	57	67902	56.07	ng	78
13) 1,3-Dichlorobenzene	5.739	146	91867	52.78	ng	97
14) 1,4-Dichlorobenzene	5.803	146	92435	52.42	ng	98
15) 1,2-Dichlorobenzene	5.931	146	84710	52.31	ng	99
16) Benzyl alcohol	5.904	108	51090	50.35	ng	76
17) bis(2-chloroisopropyl)...	6.016	45	72012	54.81	ng	83
18) 2-Methylphenol	5.995	108	71002	52.14	ng	97
19) Acetophenone	6.123	105	114491	52.29	ng	72
20) Hexachloroethane	6.203	117	32656	52.56	ng	70
21) N-Nitroso-di-n-propyla...	6.123	70	51089	53.53	ng	64
22) 3&4-Methylphenol	6.123	108	70198	52.21	ng	96
25) Nitrobenzene	6.262	77	76594	52.05	ng	75
26) Isophorone	6.449	82	144495	50.89	ng	80
27) 2-Nitrophenol	6.508	139	41919	50.30	ng	90
28) 2,4-Dimethylphenol	6.540	107	79494	51.58	ng	98
29) Benzoic Acid	6.615	105	41330m	46.14	ng	
30) bis(2-Chloroethoxy)met...	6.615	93	82449	51.39	ng	97
31) 2,4-Dichlorophenol	6.695	162	68158	51.16	ng	85
32) 1,2,4-Trichlorobenzene	6.759	180	82370	52.10	ng	97
33) Naphthalene	6.823	128	226546	52.22	ng	99
34) 4-Chloroaniline	6.860	127	89359	64.13	ng	100
35) Hexachlorobutadiene	6.908	225	51772	52.51	ng	96
36) Caprolactam	7.138	113	25725	52.49	ng	67
37) 4-Chloro-3-methylphenol	7.224	107	68324	49.93	ng	86
38) 2-Methylnaphthalene	7.357	142	160673	52.39	ng	98
39) Methylnaphthalenes (To...	7.357	142	160673	52.39	ng	98
40) 1,1'-Biphenyl	7.731	154	199409	52.89	ng	92
42) 1,2,4,5-Tetrachloroben...	7.491	216	91093	54.49	ng	98
43) Hexachlorocyclopentadiene	7.480	237	49962	51.18	ng	96
44) 2,4,6-Trichlorophenol	7.576	196	50189	52.53	ng	95
45) 2,4,5-Trichlorophenol	7.608	196	54828	54.37	ng	98
47) 2-Chloronaphthalene	7.753	162	150539	54.60	ng	94
48) 1,4-Dimethylnaphthalene	8.036	156	119390	55.62	ng	89
49) Dimethylnaphthalenes (...	8.036	156	119390	55.62	ng	89
50) Diphenyl Ether	7.817	170	116842	54.28	ng	78
51) 2-Nitroaniline	7.833	65	47979	56.00	ng	51
52) Acenaphthylene	8.110	152	230793	54.55	ng	98
53) Dimethylphthalate	7.982	163	178947	54.18	ng	99
54) 2,6-Dinitrotoluene	8.036	165	40398	55.26	ng	65
55) Acenaphthene	8.265	153	150635	53.77	ng	97
56) 3-Nitroaniline	8.185	138	40152	59.27	ng	79
57) 2,4-Dinitrophenol	8.276	184	18077	44.23	ng	86
58) Dibenzofuran	8.420	168	218610	55.11	ng	89
59) 2,4-Dinitrotoluene	8.394	165	54706	51.99	ng	60

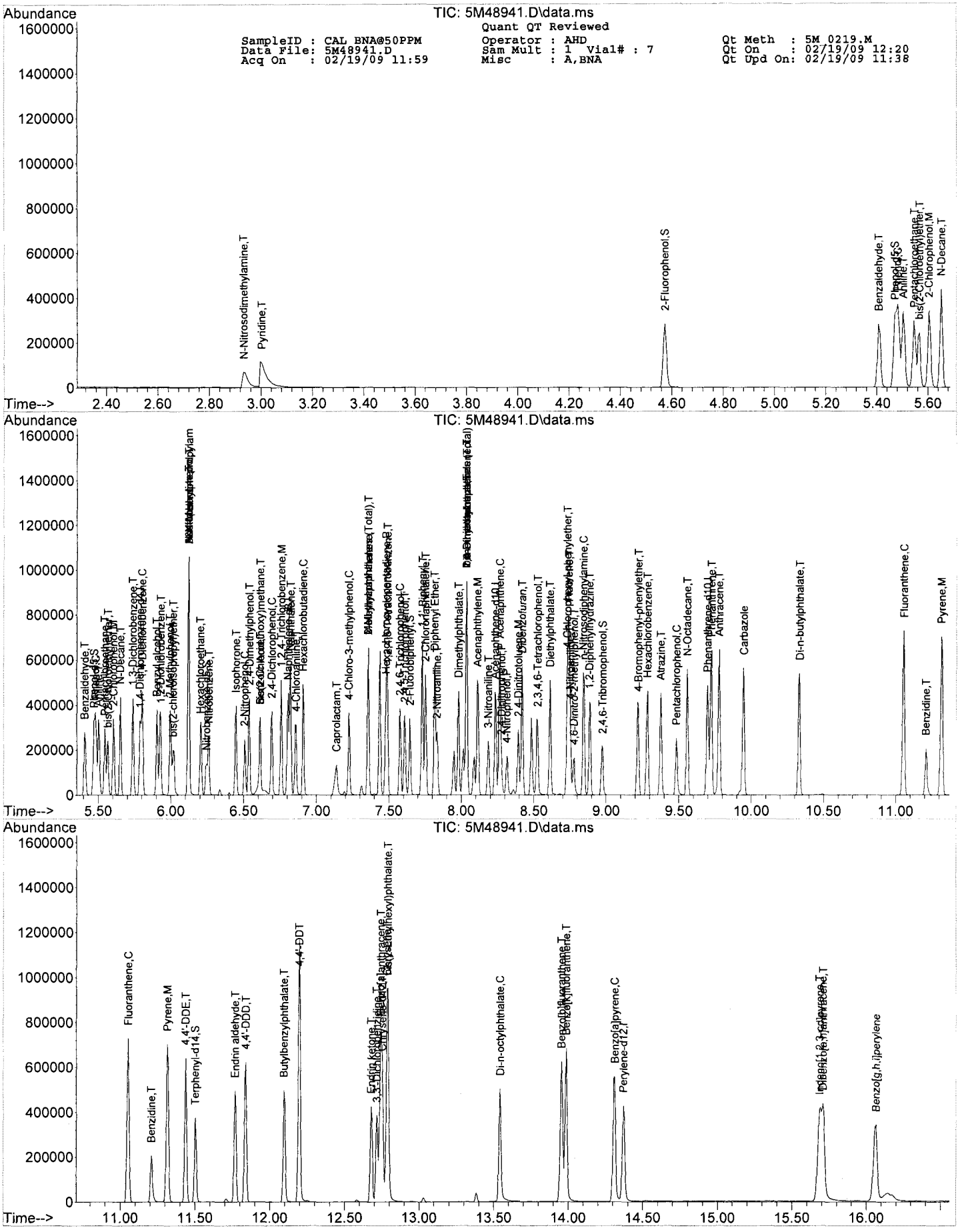
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48941.D Sam Mult : 1 Vial# : 7 Qt On : 02/19/09 12:20
Acq On : 02/19/09 11:59 Misc : A,BNA Qt Upd On: 02/19/09 11:38

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.313	65	25618	52.00	ng	71
61)	2,3,4,6-Tetrachlorophenol	8.527	232	49361	52.74	ng	81
62)	Fluorene	8.741	166	178992	54.84	ng	97
63)	4-Chlorophenyl-phenyle...	8.730	204	96561	53.66	ng	86
64)	Diethylphthalate	8.613	149	174489	53.91	ng	95
65)	4-Nitroaniline	8.752	138	43765	53.28	ng	84
66)	Atrazine	9.377	200	63752	54.40	ng	95
68)	4,6-Dinitro-2-methylph...	8.778	198	29398	46.70	ng	100
69)	n-Nitrosodiphenylamine	8.842	169	151247	53.46	ng	98
71)	1,2-Diphenylhydrazine	8.885	77	155282	55.26	ng	77
72)	4-Bromophenyl-phenylether	9.222	248	62546	52.07	ng	78
73)	Hexachlorobenzene	9.286	284	63982	51.55	ng	60
74)	N-Octadecane	9.558	57	85111	56.33	ng	70
75)	Pentachlorophenol	9.483	266	33784	47.02	ng	95
76)	Phenanthrene	9.724	178	273235	53.54	ng	99
77)	Anthracene	9.777	178	273679	54.15	ng	100
78)	Carbazole	9.948	167	250744	52.65	ng	98
79)	Di-n-butylphthalate	10.333	149	303029	52.88	ng	98
80)	Fluoranthene	11.054	202	336885	53.53	ng	80
82)	Pyrene	11.316	202	344637	52.17	ng	79
83)	Benzidine	11.209	184	88469	74.17	ng	82
85)	4,4'-DDE	11.439	246	81371	51.50	ng	95
86)	Endrin	11.770	81	14074	51.51	ng	1
87)	4,4'-DDD	11.839	235	129524	50.96	ng	97
88)	Butylbenzylphthalate	12.096	149	130280	49.97	ng	69
89)	Endrin aldehyde	11.770	67	7651	52.58	ng	85
90)	4,4'-DDT	12.197	235	127436	50.27	ng	97
91)	Endrin ketone	12.678	317	16162	49.82	ng	100
92)	3,3'-Dichlorobenzidine	12.716	252	93478	59.95	ng	95
93)	Benzo[a]anthracene	12.742	228	309670	51.30	ng	99
94)	Chrysene	12.785	228	285628	51.82	ng	98
95)	bis(2-Ethylhexyl)phtha...	12.790	149	161965	51.77	ng	91
97)	Di-n-octylphthalate	13.544	149	290253	49.22	ng	100
98)	Benzo[b]fluoranthene	13.955	252	302978	49.46	ng	90
99)	Benzo[k]fluoranthene	13.987	252	296198	53.18	ng	89
100)	Benzo[a]pyrene	14.313	252	289743	52.22	ng	88
101)	Indeno[1,2,3-cd]pyrene	15.686	276	331547	54.47	ng	68
102)	Dibenzo[a,h]anthracene	15.707	278	271696	55.14	ng	83
103)	Benzo[g,h,i]perylene	16.065	276	270239	55.56	ng	75

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


TIC: 5M48941.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 5M48941.D
Acq On : 02/19/09 11:59
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 12:20
Qt Upd On: 02/19/09 11:38
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48944.D Sam Mult : 1 Vial# : 10 Qt On : 02/19/09 13:34
Acq On : 02/19/09 13:07 Misc : A,BNA Qt Upd On: 02/19/09 13:06

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.787	152	55929	40.00	ng	0.00
23) Naphthalene-d8	6.802	136	209569	40.00	ng	0.00
41) Acenaphthene-d10	8.233	164	124727	40.00	ng	0.00
67) Phenanthrene-d10	9.697	188	214666	40.00	ng	0.00
81) Chrysene-d12	12.747	240	217182	40.00	ng	0.00
96) Perylene-d12	14.372	264	208876	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.574	112	3300	1.78	ng	0.00
Spiked Amount 100.000			Recovery = 1.78%			
9) Phenol-d5	5.471	99	4445	1.87	ng	0.00
Spiked Amount 100.000			Recovery = 1.87%			
24) Nitrobenzene-d5	6.241	128	931	1.03	ng	0.00
Spiked Amount 50.000			Recovery = 2.06%			
46) 2-Fluorobiphenyl	7.646	172	5015	1.20	ng	0.00
Spiked Amount 50.000			Recovery = 2.40%			
70) 2,4,6-Tribromophenol	8.976	330	988	1.47	ng	0.00
Spiked Amount 100.000			Recovery = 1.47%			
84) Terphenyl-d14	11.503	244	6345	1.04	ng	0.00
Spiked Amount 50.000			Recovery = 2.08%			
Target Compounds						Qvalue
2) Pyridine	3.083	79	2452m	1.35	ng	
3) N-Nitrosodimethylamine	2.971	74	1527	1.45	ng	83
5) Benzaldehyde	5.407	77	3257	3.24	ng	84
6) Aniline	5.503	93	3578m	1.38	ng	
7) Pentachloroethane	5.546	117	1353	2.38	ng	65
8) bis(2-Chloroethyl)ether	5.562	93	3934	2.43	ng	78
10) Phenol	5.482	94	4935	2.02	ng	85
11) 2-Chlorophenol	5.605	128	4079	2.19	ng	75
12) N-Decane	5.653	57	3498	2.40	ng	71
13) 1,3-Dichlorobenzene	5.738	146	4944	2.41	ng	96
14) 1,4-Dichlorobenzene	5.803	146	4684	2.27	ng	97
15) 1,2-Dichlorobenzene	5.925	146	4471	2.36	ng	95
16) Benzyl alcohol	5.904	108	2274	1.93	ng	84
17) bis(2-chloroisopropyl)...	6.016	45	3998	2.51	ng	86
18) 2-Methylphenol	5.995	108	3364	2.11	ng	88
19) Acetophenone	6.118	105	6184	2.37	ng	76
20) Hexachloroethane	6.203	117	1790	2.45	ng	76
21) N-Nitroso-di-n-propyla...	6.118	70	2872	2.51	ng	64
22) 3&4-Methylphenol	6.118	108	3573	2.23	ng	94
25) Nitrobenzene	6.257	77	4119	2.34	ng	88
26) Isophorone	6.444	82	7076	2.09	ng	87
27) 2-Nitrophenol	6.508	139	1847	1.90	ng	91
28) 2,4-Dimethylphenol	6.534	107	3870	2.11	ng	96
29) Benzoic Acid	6.572	105	242	0.25	ng	83
30) bis(2-Chloroethoxy)met...	6.609	93	4521	2.36	ng	96
31) 2,4-Dichlorophenol	6.689	162	3199	2.03	ng	88
32) 1,2,4-Trichlorobenzene	6.759	180	4526	2.39	ng	93
33) Naphthalene	6.823	128	12487	2.39	ng	99
34) 4-Chloroaniline	6.855	127	2910	1.62	ng	98
35) Hexachlorobutadiene	6.908	225	2650	2.26	ng	93
36) Caprolactam	7.106	113	1003	1.71	ng	66
37) 4-Chloro-3-methylphenol	7.218	107	3060	1.91	ng	76
38) 2-Methylnaphthalene	7.357	142	8238	2.23	ng	93
39) Methylnaphthalenes (To...	7.357	142	8238	2.23	ng	93
40) 1,1'-Biphenyl	7.731	154	11220	2.45	ng	89
42) 1,2,4,5-Tetrachloroben...	7.485	216	5018	2.42	ng	98
43) Hexachlorocyclopentadiene	7.480	237	1547	1.35	ng	99
44) 2,4,6-Trichlorophenol	7.576	196	2288	1.97	ng	95
45) 2,4,5-Trichlorophenol	7.603	196	2444	1.96	ng	93
47) 2-Chloronaphthalene	7.752	162	8133	2.37	ng	93
48) 1,4-Dimethylnaphthalene	8.030	156	6931	2.57	ng	92
49) Dimethylnaphthalenes (...	8.030	156	6931	2.57	ng	92
50) Diphenyl Ether	7.817	170	6416	2.40	ng	75
51) 2-Nitroaniline	7.827	65	2295	2.13	ng	67
52) Acenaphthylene	8.110	152	12287	2.33	ng	98
53) Dimethylphthalate	7.977	163	9248	2.26	ng	98
54) 2,6-Dinitrotoluene	8.030	165	1746	1.91	ng	80
55) Acenaphthene	8.260	153	8093	2.34	ng	97
56) 3-Nitroaniline	8.180	138	1554	1.83	ng	76
57) 2,4-Dinitrophenol	0.000		0	N.D.		
58) Dibenzofuran	8.415	168	11686	2.36	ng	91
59) 2,4-Dinitrotoluene	8.388	165	2052	1.61	ng	69

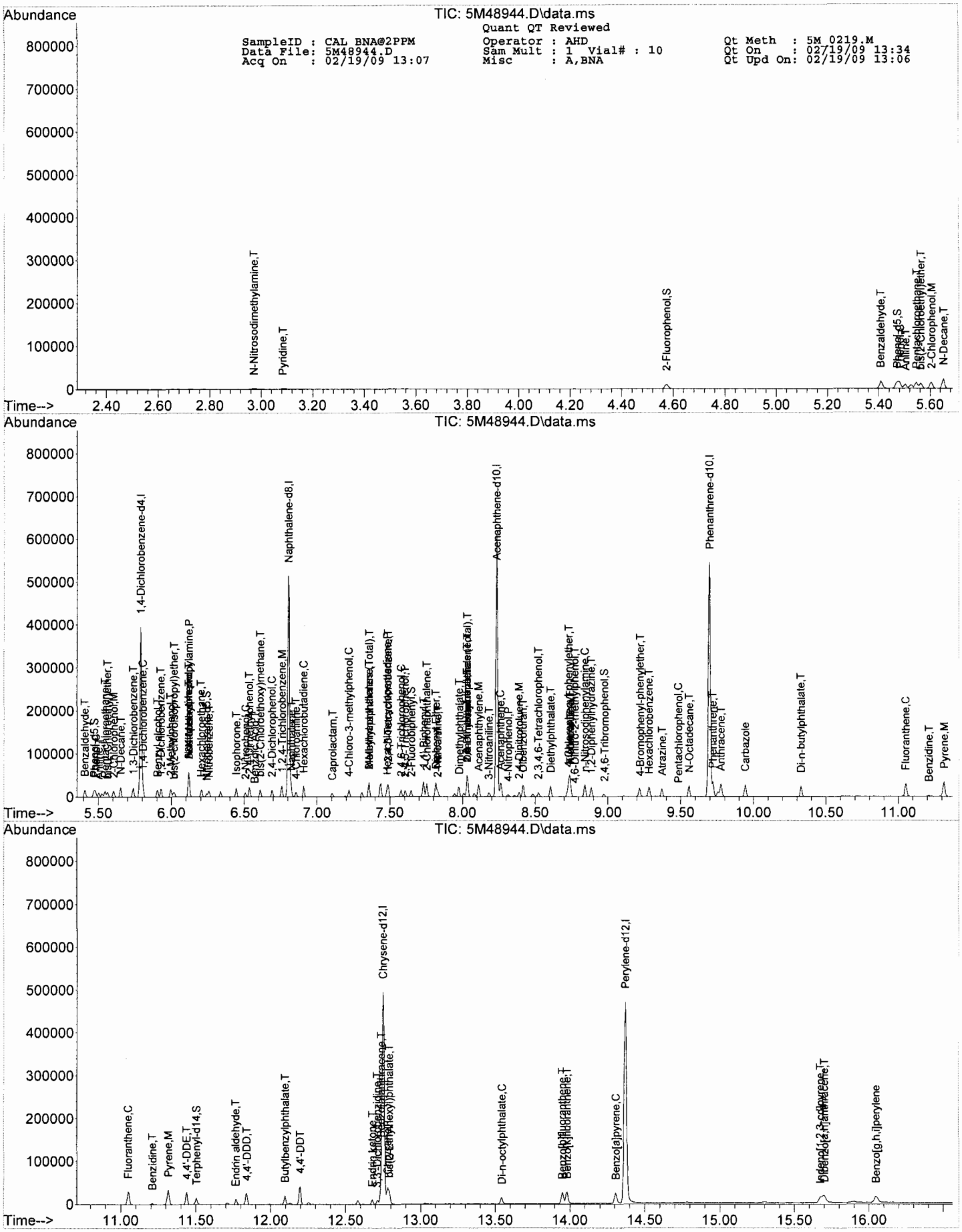
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48944.D Sam Mult : 1 Vial# : 10 Qt On : 02/19/09 13:34
Acq On : 02/19/09 13:07 Misc : A,BNA Qt Upd On: 02/19/09 13:06

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.313	65	725	1.22	ng	71
61) 2,3,4,6-Tetrachlorophenol	8.522	232	1716	1.52	ng	80
62) Fluorene	8.741	166	9417	2.31	ng	98
63) 4-Chlorophenyl-phenyle...	8.730	204	4972	2.24	ng	86
64) Diethylphthalate	8.607	149	8381	2.10	ng	96
65) 4-Nitroaniline	8.741	138	1912	1.92	ng	87
66) Atrazine	9.371	200	2734	1.89	ng	91
68) 4,6-Dinitro-2-methylph...	8.773	198	255	0.39	ng	100
69) n-Nitrosodiphenylamine	8.842	169	7707	2.31	ng	97
71) 1,2-Diphenylhydrazine	8.885	77	7926	2.36	ng	74
72) 4-Bromophenyl-phenylether	9.222	248	3043	2.19	ng	77
73) Hexachlorobenzene	9.280	284	3268	2.27	ng	69
74) N-Octadecane	9.558	57	4068	2.26	ng	70
75) Pentachlorophenol	9.483	266	150	0.20	ng	66
76) Phenanthrene	9.718	178	14232	2.38	ng	98
77) Anthracene	9.772	178	13766	2.31	ng	98
78) Carbazole	9.943	167	12284	2.21	ng	98
79) Di-n-butylphthalate	10.327	149	13114	1.97	ng	97
80) Fluoranthene	11.049	202	15284	2.09	ng	82
82) Pyrene	11.316	202	16774	2.13	ng	75
83) Benzidine	11.209	184	2089	1.26	ng	83
85) 4,4'-DDE	11.439	246	4052	2.16	ng	96
86) Endrin	11.765	81	674	2.11	ng	7
87) 4,4'-DDD	11.839	235	5830	1.94	ng	92
88) Butylbenzylphthalate	12.096	149	5087	1.67	ng	67
89) Endrin aldehyde	11.765	67	345m	1.99	ng	
90) 4,4'-DDT	12.197	235	5271	1.79	ng	96
91) Endrin ketone	12.678	317	680	1.82	ng	93
92) 3,3'-Dichlorobenzidine	12.710	252	3286	1.72	ng	83
93) Benzo[a]anthracene	12.737	228	15731	2.18	ng	98
94) Chrysene	12.780	228	14821	2.26	ng	98
95) bis(2-Ethylhexyl)phtha...	12.790	149	6673	1.81	ng	96
97) Di-n-octylphthalate	13.543	149	10014	1.56	ng	99
98) Benzo[b]fluoranthene	13.949	252	12865	1.94	ng	91
99) Benzo[k]fluoranthene	13.982	252	14402	2.25	ng	92
100) Benzo[a]pyrene	14.307	252	12703	2.06	ng	87
101) Indeno[1,2,3-cd]pyrene	15.675	276	13239	1.95	ng	72
102) Dibenzo[a,h]anthracene	15.702	278	11593	2.09	ng	83
103) Benzo[g,h,i]perylene	16.049	276	11991	2.18	ng	77

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


Abundance
TIC: 5M48944.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@2PPM
Data File: 5M48944.D
Acq On : 02/19/09 13:07
Operator : AHD
Sam Mult : 1 Vial# : 10
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 13:34
Qt Upd On: 02/19/09 13:06
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Chrysene-d12,I
Perylene-d12,I
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Benzo[g,h,i]perylene

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48945.D Sam Mult : 1 Vial# : 9 Qt On : 02/19/09 14:13
Acq On : 02/19/09 13:57 Misc : A,BNA Qt Upd On: 02/19/09 13:47

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.792	152	73106	40.00	ng	0.00
23) Naphthalene-d8	6.807	136	269957	40.00	ng	0.00
41) Acenaphthene-d10	8.239	164	158336	40.00	ng	0.00
67) Phenanthrene-d10	9.697	188	285451	40.00	ng	0.00
81) Chrysene-d12	12.753	240	292507	40.00	ng	0.00
96) Perylene-d12	14.377	264	291011	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.574	112	21631	9.04	ng	0.00
Spiked Amount 100.000			Recovery =	9.04%		
9) Phenol-d5	5.471	99	29646	9.65	ng	0.00
Spiked Amount 100.000			Recovery =	9.65%		
24) Nitrobenzene-d5	6.241	128	5771	4.93	ng	0.00
Spiked Amount 50.000			Recovery =	9.86%		
46) 2-Fluorobiphenyl	7.646	172	28931	5.30	ng	0.00
Spiked Amount 50.000			Recovery =	10.60%		
70) 2,4,6-Tribromophenol	8.976	330	8271	9.59	ng	0.00
Spiked Amount 100.000			Recovery =	9.59%		
84) Terphenyl-d14	11.508	244	41625	5.04	ng	0.00
Spiked Amount 50.000			Recovery =	10.08%		
Target Compounds						Qvalue
2) Pyridine	3.025	79	20452	8.94	ng	69
3) N-Nitrosodimethylamine	2.950	74	12092	9.11	ng	80
5) Benzaldehyde	5.407	77	19820	14.10	ng	75
6) Aniline	5.503	93	34247	10.55	ng	43
7) Pentachloroethane	5.546	117	7564	9.95	ng	65
8) bis(2-Chloroethyl)ether	5.568	93	23198	10.66	ng	75
10) Phenol	5.482	94	32499	10.15	ng	91
11) 2-Chlorophenol	5.605	128	24219	9.85	ng	79
12) N-Decane	5.653	57	21570	11.04	ng	81
13) 1,3-Dichlorobenzene	5.738	146	27858	10.15	ng	99
14) 1,4-Dichlorobenzene	5.803	146	28488	10.38	ng	98
15) 1,2-Dichlorobenzene	5.931	146	26012	10.27	ng	97
16) Benzyl alcohol	5.904	108	15769	10.34	ng	77
17) bis(2-chloroisopropyl)...	6.016	45	22928	10.69	ng	85
18) 2-Methylphenol	5.995	108	21007	10.02	ng	100
19) Acetophenone	6.123	105	36638	10.54	ng	70
20) Hexachloroethane	6.209	117	9763	10.01	ng	48
21) N-Nitroso-di-n-propyla...	6.123	70	16403	10.64	ng	65
22) 3&4-Methylphenol	6.123	108	22283	10.53	ng	100
25) Nitrobenzene	6.257	77	24181	10.46	ng	80
26) Isophorone	6.444	82	45160	10.31	ng	89
27) 2-Nitrophenol	6.508	139	11743	9.43	ng	95
28) 2,4-Dimethylphenol	6.540	107	24159	10.12	ng	95
29) Benzoic Acid	6.588	105	5778	5.23	ng	80
30) bis(2-Chloroethoxy)met...	6.615	93	26642	10.52	ng	96
31) 2,4-Dichlorophenol	6.695	162	20526	10.08	ng	84
32) 1,2,4-Trichlorobenzene	6.759	180	25426	10.17	ng	95
33) Naphthalene	6.823	128	71014	10.31	ng	100
34) 4-Chloroaniline	6.860	127	25409	11.27	ng	97
35) Hexachlorobutadiene	6.908	225	15484	10.11	ng	95
36) Caprolactam	7.117	113	7534	10.15	ng	61
37) 4-Chloro-3-methylphenol	7.224	107	20770	10.10	ng	82
38) 2-Methylnaphthalene	7.357	142	50628	10.49	ng	98
39) Methylnaphthalenes (To...	7.357	142	50628	10.49	ng	98
40) 1,1'-Biphenyl	7.731	154	63613	10.50	ng	93
42) 1,2,4,5-Tetrachloroben...	7.491	216	28968	10.72	ng	98
43) Hexachlorocyclopentadiene	7.480	237	12430	8.93	ng	97
44) 2,4,6-Trichlorophenol	7.576	196	14752	10.03	ng	99
45) 2,4,5-Trichlorophenol	7.608	196	15824	10.04	ng	97
47) 2-Chloronaphthalene	7.753	162	47734	10.72	ng	93
48) 1,4-Dimethylnaphthalene	8.036	156	38121	10.75	ng	88
49) Dimethylnaphthalenes (...	8.036	156	38121	10.75	ng	88
50) Diphenyl Ether	7.817	170	36897	10.60	ng	82
51) 2-Nitroaniline	7.833	65	14662	10.66	ng	52
52) Acenaphthylene	8.110	152	73307	10.75	ng	98
53) Dimethylphthalate	7.977	163	55902	10.59	ng	99
54) 2,6-Dinitrotoluene	8.036	165	12071	10.47	ng	67
55) Acenaphthene	8.265	153	47061	10.49	ng	96
56) 3-Nitroaniline	8.185	138	11214	10.45	ng	77
57) 2,4-Dinitrophenol	8.281	184	2486	4.63	ng	64
58) Dibenzofuran	8.420	168	68036	10.60	ng	88
59) 2,4-Dinitrotoluene	8.394	165	15873	10.07	ng	58

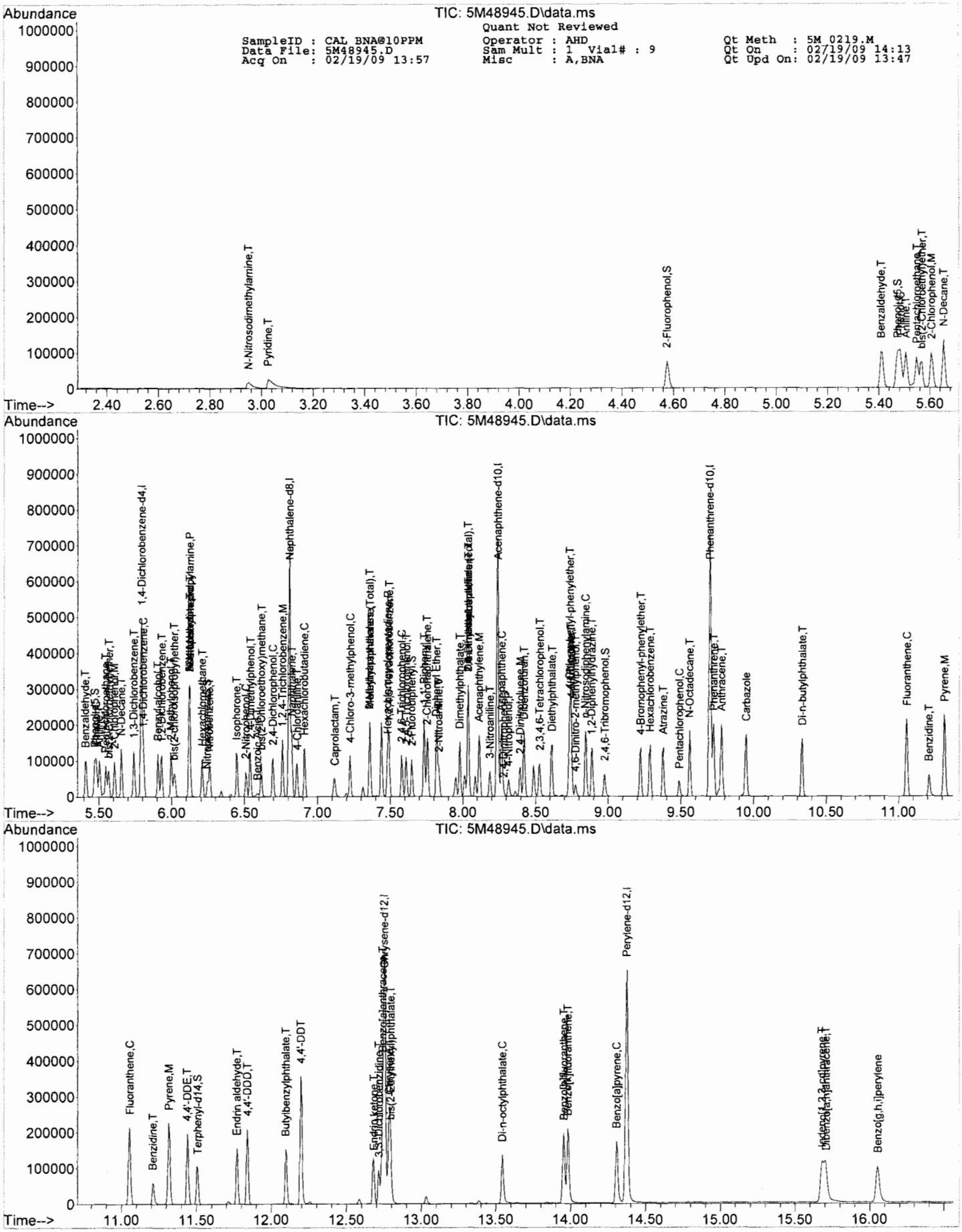
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48945.D Sam Mult : 1 Vial# : 9 Qt On : 02/19/09 14:13
Acq On : 02/19/09 13:57 Misc : A,BNA Qt Upd On: 02/19/09 13:47

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.313	65	6772	9.50	ng	74
61) 2,3,4,6-Tetrachlorophenol	8.527	232	13907	10.03	ng	82
62) Fluorene	8.741	166	57035	10.84	ng	99
63) 4-Chlorophenyl-phenyle...	8.735	204	29860	10.48	ng	82
64) Diethylphthalate	8.613	149	53644	10.55	ng	93
65) 4-Nitroaniline	8.746	138	13004	10.37	ng	82
66) Atrazine	9.377	200	18975	10.47	ng	97
68) 4,6-Dinitro-2-methylph...	8.773	198	5991	7.64	ng	100
69) n-Nitrosodiphenylamine	8.842	169	48080	10.65	ng	97
71) 1,2-Diphenylhydrazine	8.885	77	49753	10.89	ng	81
72) 4-Bromophenyl-phenylether	9.222	248	19085	10.22	ng	80
73) Hexachlorobenzene	9.286	284	20034	10.27	ng	64
74) N-Octadecane	9.558	57	27181	11.11	ng	76
75) Pentachlorophenol	9.489	266	6525	7.29	ng	93
76) Phenanthrene	9.724	178	84055	10.35	ng	99
77) Anthracene	9.777	178	84962	10.54	ng	99
78) Carbazole	9.948	167	78924	10.56	ng	97
79) Di-n-butylphthalate	10.333	149	88730	10.08	ng	97
80) Fluoranthene	11.054	202	101941	10.41	ng	82
82) Pyrene	11.316	202	109066	10.19	ng	80
83) Benzidine	11.209	184	28865	13.73	ng	83
85) 4,4'-DDE	11.439	246	25817	10.09	ng	96
86) Endrin	11.770	81	4400	10.13	ng	1
87) 4,4'-DDD	11.839	235	41564	10.29	ng	97
88) Butylbenzylphthalate	12.096	149	39357	9.84	ng	70
89) Endrin aldehyde	11.770	67	2300	9.90	ng	87
90) 4,4'-DDT	12.197	235	39884	10.17	ng	96
91) Endrin ketone	12.683	317	4841	9.72	ng	97
92) 3,3'-Dichlorobenzidine	12.715	252	24253	9.59	ng	93
93) Benzo[a]anthracene	12.742	228	99550	10.11	ng	100
94) Chrysene	12.785	228	92942	10.34	ng	98
95) bis(2-Ethylhexyl)phtha...	12.796	149	48615	9.91	ng	91
97) Di-n-octylphthalate	13.544	149	80576	9.32	ng	100
98) Benzo[b]fluoranthene	13.955	252	92512	10.05	ng	91
99) Benzo[k]fluoranthene	13.982	252	92901	10.29	ng	90
100) Benzo[a]pyrene	14.307	252	84529	9.81	ng	89
101) Indeno[1,2,3-cd]pyrene	15.680	276	92204	9.78	ng	68
102) Dibenzo[a,h]anthracene	15.707	278	76272	9.78	ng	83
103) Benzo[g,h,i]perylene	16.054	276	77031	9.91	ng	76

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : CAL BNA@10PPM
Data File: 5M48945.D
Acq On : 02/19/09 13:57
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 14:13
Qt Upd On: 02/19/09 13:47
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
N-Decane,T
Time-->
Abundance
TIC: 5M48945.D\data.ms
Time-->
Abundance
TIC: 5M48945.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo(g,h,i)perylene
Time-->

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48942.D Sam Mult : 1 Vial# : 8 Qt On : 02/19/09 12:40
Acq On : 02/19/09 12:22 Misc : A,BNA Qt Upd On: 02/19/09 12:22

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.786	152	53036	40.00	ng	0.00
23) Naphthalene-d8	6.801	136	193759	40.00	ng	0.00
41) Acenaphthene-d10	8.233	164	113665	40.00	ng	0.00
67) Phenanthrene-d10	9.697	188	201375	40.00	ng	0.00
81) Chrysene-d12	12.753	240	209869	40.00	ng	0.00
96) Perylene-d12	14.371	264	213891	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.574	112	31069	16.93	ng	0.00
Spiked Amount 100.000			Recovery = 16.93%			
9) Phenol-d5	5.471	99	42078	18.43	ng	0.00
Spiked Amount 100.000			Recovery = 18.43%			
24) Nitrobenzene-d5	6.241	128	7825	9.30	ng	0.00
Spiked Amount 50.000			Recovery = 18.60%			
46) 2-Fluorobiphenyl	7.646	172	38575	10.25	ng	0.00
Spiked Amount 50.000			Recovery = 20.50%			
70) 2,4,6-Tribromophenol	8.970	330	11963	18.73	ng	0.00
Spiked Amount 100.000			Recovery = 18.73%			
84) Terphenyl-d14	11.503	244	55474	9.32	ng	0.00
Spiked Amount 50.000			Recovery = 18.64%			
Target Compounds						Qvalue
2) Pyridine	3.014	79	29688	16.45	ng	71
3) N-Nitrosodimethylamine	2.939	74	17556	16.92	ng	76
5) Benzaldehyde	5.407	77	27795	36.69	ng	75
6) Aniline	5.503	93	48363	19.75	ng	41
7) Pentachloroethane	5.546	117	10371	19.23	ng	61
8) bis(2-Chloroethyl)ether	5.562	93	30337	19.96	ng	80
10) Phenol	5.482	94	44811	19.26	ng	88
11) 2-Chlorophenol	5.605	128	33625	19.01	ng	77
12) N-Decane	5.653	57	29448	22.07	ng	78
13) 1,3-Dichlorobenzene	5.738	146	39021	20.30	ng	99
14) 1,4-Dichlorobenzene	5.803	146	39042	20.13	ng	99
15) 1,2-Dichlorobenzene	5.925	146	35431	19.85	ng	98
16) Benzyl alcohol	5.904	108	21472	19.30	ng	74
17) bis(2-chloroisopropyl)...	6.016	45	31692	21.80	ng	89
18) 2-Methylphenol	5.995	108	29214	19.32	ng	98
19) Acetophenone	6.118	105	49291	20.39	ng	73
20) Hexachloroethane	6.203	117	13597	19.81	ng	72
21) N-Nitroso-di-n-propyla...	6.118	70	22024	20.86	ng	67
22) 3&4-Methylphenol	6.118	108	30211	20.26	ng	95
25) Nitrobenzene	6.257	77	32660	20.44	ng	78
26) Isophorone	6.444	82	60816	19.59	ng	85
27) 2-Nitrophenol	6.508	139	16890	18.49	ng	88
28) 2,4-Dimethylphenol	6.534	107	33729	19.95	ng	99
29) Benzoic Acid	6.593	105	12048	11.64	ng	87
30) bis(2-Chloroethoxy)met...	6.609	93	35621	20.39	ng	97
31) 2,4-Dichlorophenol	6.689	162	28158	19.30	ng	88
32) 1,2,4-Trichlorobenzene	6.759	180	34841	20.12	ng	97
33) Naphthalene	6.823	128	97370	20.43	ng	100
34) 4-Chloroaniline	6.855	127	37759	23.91	ng	99
35) Hexachlorobutadiene	6.908	225	21250	19.68	ng	95
36) Caprolactam	7.117	113	10587	19.58	ng	65
37) 4-Chloro-3-methylphenol	7.224	107	28571	19.23	ng	83
38) 2-Methylnaphthalene	7.357	142	68098	20.21	ng	98
39) Methylnaphthalenes (To...	7.357	142	68098	20.21	ng	98
40) 1,1'-Biphenyl	7.731	154	84827	20.38	ng	91
42) 1,2,4,5-Tetrachloroben...	7.485	216	38802	20.97	ng	98
43) Hexachlorocyclopentadiene	7.480	237	18768	17.28	ng	98
44) 2,4,6-Trichlorophenol	7.576	196	20459	19.26	ng	94
45) 2,4,5-Trichlorophenol	7.608	196	22471	19.91	ng	93
47) 2-Chloronaphthalene	7.752	162	63837	20.84	ng	92
48) 1,4-Dimethylnaphthalene	8.036	156	50814	21.21	ng	89
49) Dimethylnaphthalenes (...	8.036	156	50814	21.21	ng	89
50) Diphenyl Ether	7.817	170	49130	20.52	ng	78
51) 2-Nitroaniline	7.833	65	20273	21.12	ng	46
52) Acenaphthylene	8.110	152	98885	21.05	ng	99
53) Dimethylphthalate	7.977	163	75294	20.49	ng	98
54) 2,6-Dinitrotoluene	8.036	165	16939	20.78	ng	63
55) Acenaphthene	8.265	153	63231	20.27	ng	95
56) 3-Nitroaniline	8.185	138	16684	22.00	ng	75
57) 2,4-Dinitrophenol	8.276	184	5007	11.14	ng	80
58) Dibenzofuran	8.420	168	90877	20.50	ng	87
59) 2,4-Dinitrotoluene	8.393	165	22778	19.50	ng	57

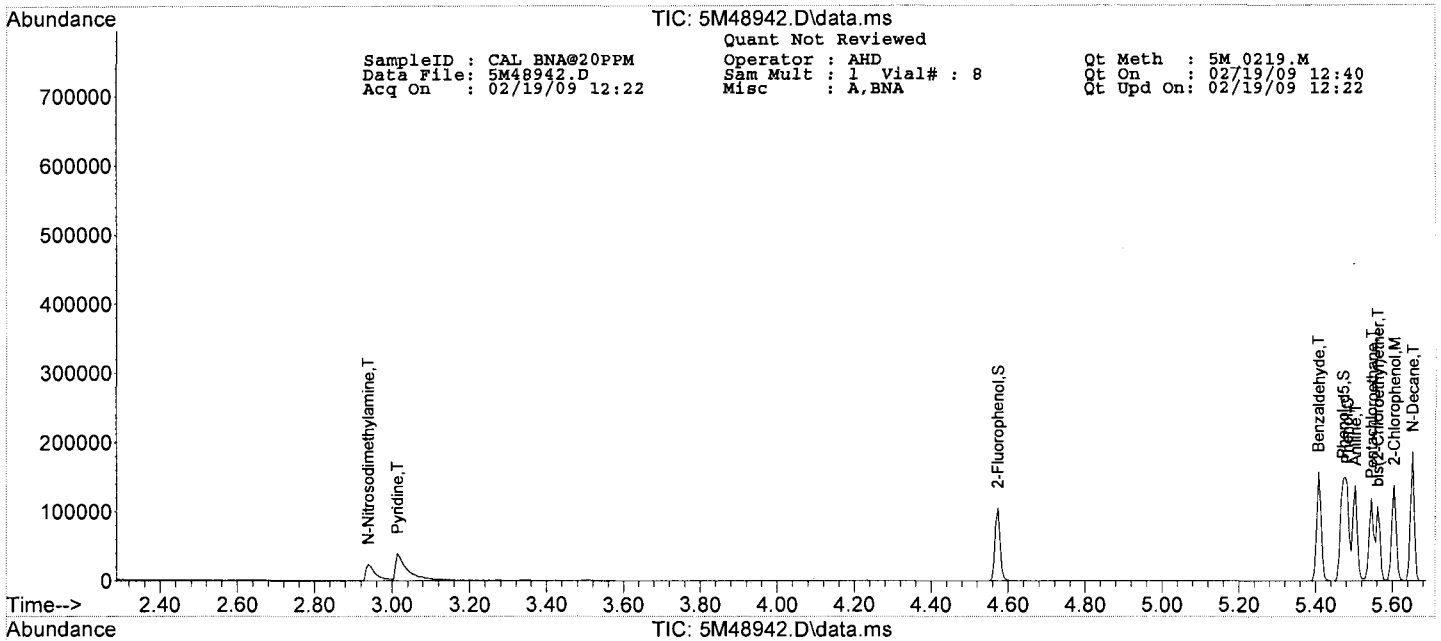
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48942.D Sam Mult : 1 Vial# : 8 Qt On : 02/19/09 12:40
Acq On : 02/19/09 12:22 Misc : A,BNA Qt Upd On: 02/19/09 12:22

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.313	65	10312	18.83	ng	77
61)	2,3,4,6-Tetrachlorophenol	8.522	232	19860	19.18	ng	82
62)	Fluorene	8.741	166	76171	20.99	ng	100
63)	4-Chlorophenyl-phenyle...	8.730	204	40364	20.19	ng	84
64)	Diethylphthalate	8.607	149	71840	19.96	ng	96
65)	4-Nitroaniline	8.746	138	17963	19.90	ng	83
66)	Atrazine	9.376	200	25655	19.66	ng	95
68)	4,6-Dinitro-2-methylph...	8.773	198	9852	14.68	ng	100
69)	n-Nitrosodiphenylamine	8.842	169	63607	20.79	ng	100
71)	1,2-Diphenylhydrazine	8.885	77	65706	21.53	ng	77
72)	4-Bromophenyl-phenylether	9.216	248	25672	19.81	ng	84
73)	Hexachlorobenzene	9.286	284	27002	20.24	ng	60
74)	N-Octadecane	9.558	57	35908	22.01	ng	77
75)	Pentachlorophenol	9.483	266	11000	14.09	ng	99
76)	Phenanthrene	9.724	178	114747	20.83	ng	99
77)	Anthracene	9.777	178	114538	20.91	ng	100
78)	Carbazole	9.943	167	106243	20.72	ng	98
79)	Di-n-butylphthalate	10.327	149	119323	19.14	ng	98
80)	Fluoranthene	11.049	202	137924	20.32	ng	82
82)	Pyrene	11.316	202	146591	19.19	ng	77
83)	Benzidine	11.209	184	40432	28.54	ng	81
85)	4,4'-DDE	11.439	246	34920	19.16	ng	95
86)	Endrin	11.770	81	5771	18.44	ng	1
87)	4,4'-DDD	11.839	235	55702	19.01	ng	97
88)	Butylbenzylphthalate	12.096	149	53680	17.89	ng	68
89)	Endrin aldehyde	11.764	67	3263	19.53	ng	87
90)	4,4'-DDT	12.197	235	52739	18.17	ng	97
91)	Endrin ketone	12.678	317	6539	17.61	ng	97
92)	3,3'-Dichlorobenzidine	12.715	252	38813	21.04	ng	94
93)	Benzo[a]anthracene	12.737	228	138796	19.93	ng	100
94)	Chrysene	12.779	228	127988	20.28	ng	98
95)	bis(2-Ethylhexyl)phtha...	12.790	149	67096	18.52	ng	90
97)	Di-n-octylphthalate	13.543	149	115356	17.04	ng	100
98)	Benzo[b]fluoranthene	13.955	252	125475	18.09	ng	90
99)	Benzo[k]fluoranthene	13.981	252	133133	20.82	ng	90
100)	Benzo[a]pyrene	14.307	252	122922	19.35	ng	89
101)	Indeno[1,2,3-cd]pyrene	15.680	276	136634	19.49	ng	67
102)	Dibenzo[a,h]anthracene	15.702	278	116759	20.52	ng	83
103)	Benzo[g,h,i]perylene	16.054	276	117032	20.83	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed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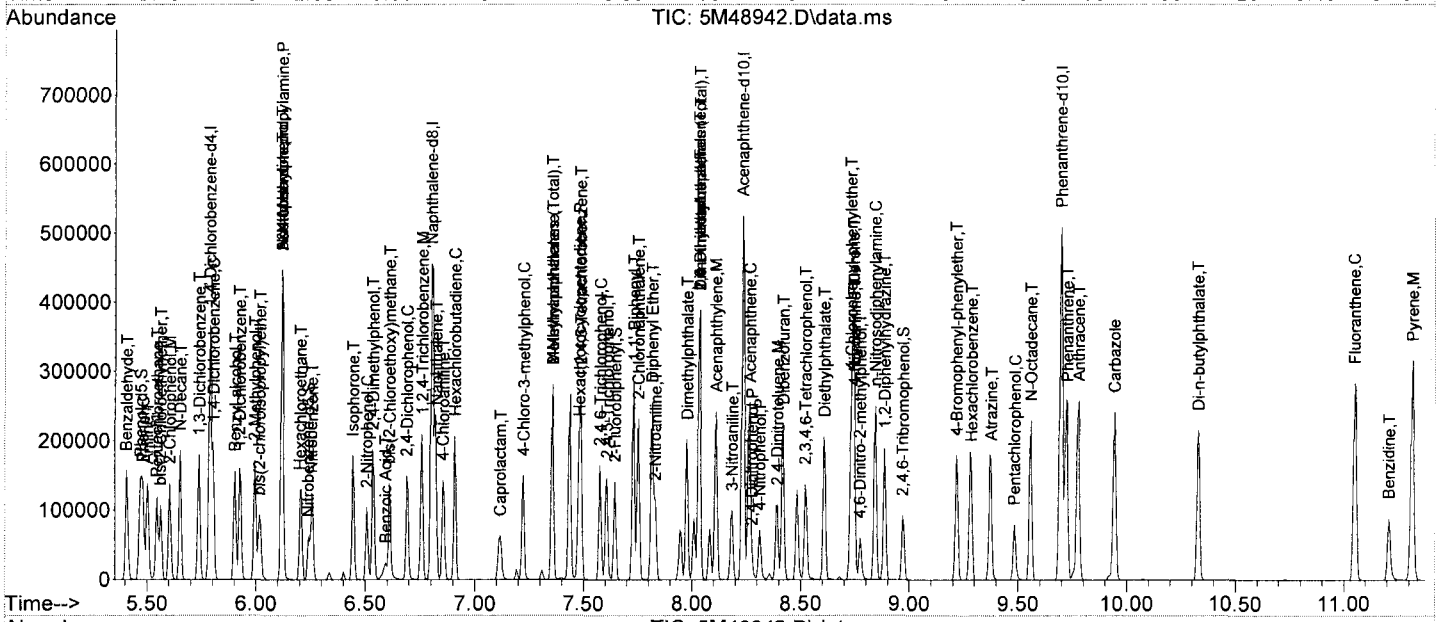
Quant Not Reviewed
SampleID : CAL BNA@20PPM
Data File: 5M48942.D
Acq On : 02/19/09 12:22
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 12:40
Qt Upd On: 02/19/09 12:22
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 5M48942.D\data.ms
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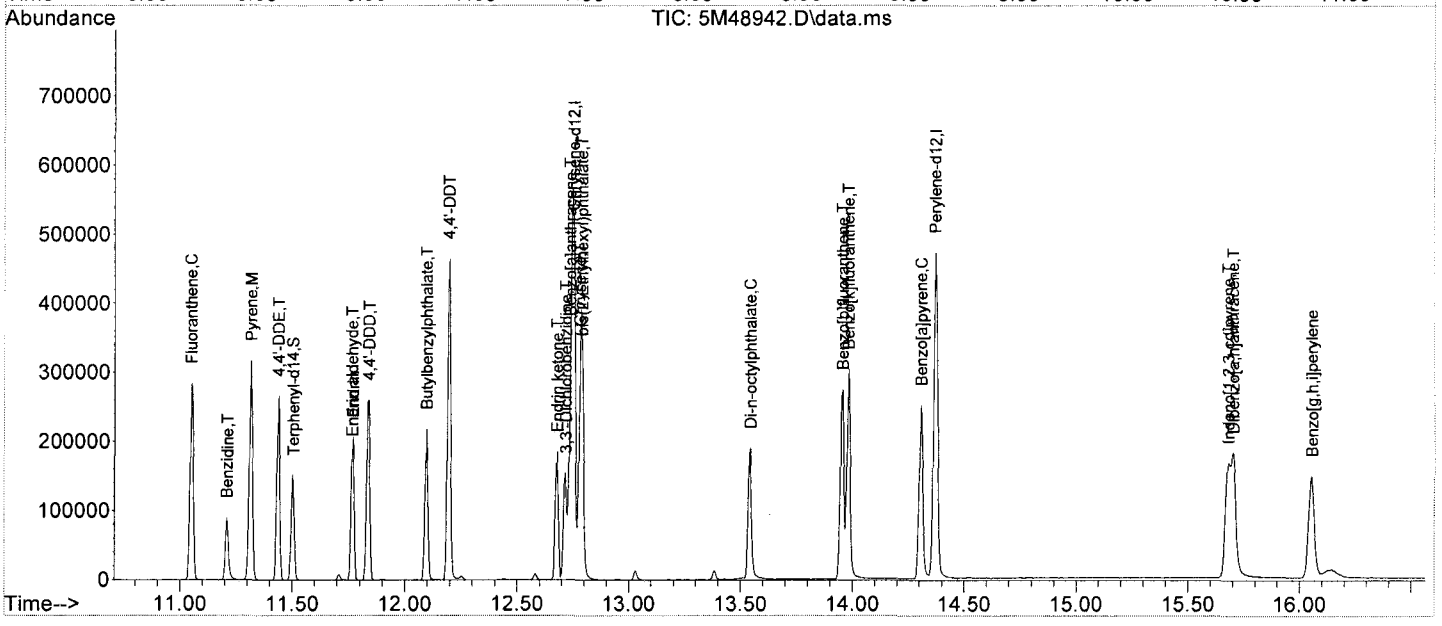
Isophorone,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthylene,M
Acenaphthene-d10,I
Phenanthrene-d10,I
Phenanthrene,T
Anthracene,T
Carbazole
Fluoranthene,C
Pyrene,M
Benzidine,T
Time-->


Abundance
TIC: 5M48942.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48940.D Sam Mult : 1 Vial# : 6 Qt On : 02/19/09 12:19
Acq On : 02/19/09 11:37 Misc : A,BNA Qt Upd On: 02/19/09 11:38

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.787	152	45414	40.00	ng	0.00
23) Naphthalene-d8	6.807	136	165830	40.00	ng	0.00
41) Acenaphthene-d10	8.239	164	101835	40.00	ng	0.00
67) Phenanthrene-d10	9.697	188	181070	40.00	ng	0.00
81) Chrysene-d12	12.758	240	172584	40.00	ng	0.00
96) Perylene-d12	14.372	264	179276	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.574	112	122925	77.55	ng	0.00
Spiked Amount 100.000			Recovery = 77.55%			
9) Phenol-d5	5.477	99	157641	80.52	ng	0.00
Spiked Amount 100.000			Recovery = 80.52%			
24) Nitrobenzene-d5	6.246	128	29418	41.00	ng	0.00
Spiked Amount 50.000			Recovery = 82.00%			
46) 2-Fluorobiphenyl	7.646	172	139749	41.81	ng	0.00
Spiked Amount 50.000			Recovery = 83.62%			
70) 2,4,6-Tribromophenol	8.976	330	46974	82.60	ng	0.00
Spiked Amount 100.000			Recovery = 82.60%			
84) Terphenyl-d14	11.508	244	198066	40.51	ng	0.00
Spiked Amount 50.000			Recovery = 81.02%			
Target Compounds						Qvalue
2) Pyridine	2.998	79	118866	75.68	ng	69
3) N-Nitrosodimethylamine	2.934	74	68035	75.30	ng	75
5) Benzaldehyde	5.407	77	59812	98.16	ng	74
6) Aniline	5.503	93	175323	84.88	ng	38
7) Pentachloroethane	5.546	117	38497	84.44	ng	66
8) bis(2-Chloroethyl)ether	5.567	93	107698	83.43	ng	77
10) Phenol	5.487	94	163783	82.45	ng	89
11) 2-Chlorophenol	5.610	128	123831	82.32	ng	75
12) N-Decane	5.653	57	97713	85.99	ng	78
13) 1,3-Dichlorobenzene	5.738	146	135537	82.99	ng	97
14) 1,4-Dichlorobenzene	5.803	146	136509	82.51	ng	97
15) 1,2-Dichlorobenzene	5.931	146	125765	82.78	ng	99
16) Benzyl alcohol	5.909	108	77150	81.03	ng	73
17) bis(2-chloroisopropyl)...	6.022	45	106525	86.41	ng	84
18) 2-Methylphenol	6.000	108	105990	82.95	ng	97
19) Acetophenone	6.123	105	169750	82.63	ng	72
20) Hexachloroethane	6.209	117	47607	81.67	ng	50
21) N-Nitroso-di-n-propyla...	6.123	70	74356	83.03	ng	66
22) 3&4-Methylphenol	6.128	108	105965	84.01	ng	100
25) Nitrobenzene	6.262	77	113073	82.38	ng	78
26) Isophorone	6.449	82	218519	82.50	ng	85
27) 2-Nitrophenol	6.508	139	64775	83.34	ng	92
28) 2,4-Dimethylphenol	6.540	107	120745	84.00	ng	99
29) Benzoic Acid	6.625	105	71597m	85.68	ng	
30) bis(2-Chloroethoxy)met...	6.615	93	122369	81.77	ng	96
31) 2,4-Dichlorophenol	6.695	162	103565	83.35	ng	87
32) 1,2,4-Trichlorobenzene	6.759	180	122752	83.24	ng	98
33) Naphthalene	6.823	128	340231	84.08	ng	99
34) 4-Chloroaniline	6.860	127	120660	92.84	ng	99
35) Hexachlorobutadiene	6.908	225	75745	82.36	ng	96
36) Caprolactam	7.154	113	40045	87.60	ng	58
37) 4-Chloro-3-methylphenol	7.229	107	105497	82.66	ng	82
38) 2-Methylnaphthalene	7.357	142	243449	85.11	ng	100
39) Methylnaphthalenes (To...	7.357	142	243449	85.11	ng	100
40) 1,1'-Biphenyl	7.731	154	299852	85.26	ng	93
42) 1,2,4,5-Tetrachloroben...	7.491	216	136341	82.69	ng	99
43) Hexachlorocyclopentadiene	7.480	237	78583	81.61	ng	99
44) 2,4,6-Trichlorophenol	7.582	196	78339	83.13	ng	97
45) 2,4,5-Trichlorophenol	7.614	196	82588	83.03	ng	96
47) 2-Chloronaphthalene	7.758	162	226888	83.43	ng	91
48) 1,4-Dimethylnaphthalene	8.036	156	178754	84.43	ng	91
49) Dimethylnaphthalenes (...	8.036	156	178754	84.43	ng	91
50) Diphenyl Ether	7.817	170	176793	83.28	ng	81
51) 2-Nitroaniline	7.838	65	71898	85.08	ng	44
52) Acenaphthylene	8.116	152	349186	83.68	ng	99
53) Dimethylphthalate	7.982	163	271646	83.38	ng	98
54) 2,6-Dinitrotoluene	8.041	165	60649	84.12	ng	62
55) Acenaphthene	8.265	153	230929	83.58	ng	95
56) 3-Nitroaniline	8.191	138	56253	84.19	ng	78
57) 2,4-Dinitrophenol	8.281	184	30908	76.68	ng	78
58) Dibenzofuran	8.426	168	332806	85.07	ng	87
59) 2,4-Dinitrotoluene	8.399	165	85939	82.81	ng	58

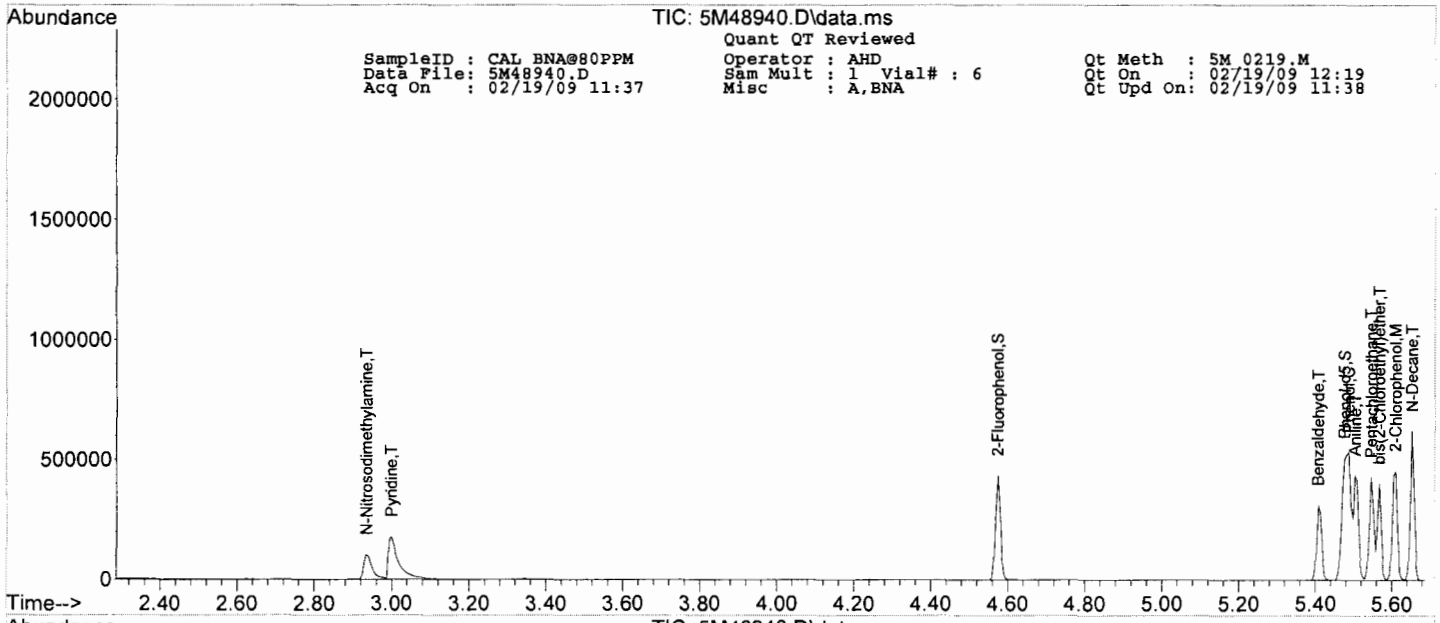
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48940.D Sam Mult : 1 Vial# : 6 Qt On : 02/19/09 12:19
Acq On : 02/19/09 11:37 Misc : A,BNA Qt Upd On: 02/19/09 11:38

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.319	65	39762	81.83	ng	67
61) 2,3,4,6-Tetrachlorophenol	8.527	232	75404	81.69	ng	83
62) Fluorene	8.746	166	269883	83.84	ng	99
63) 4-Chlorophenyl-phenyle...	8.735	204	145672	82.08	ng	82
64) Diethylphthalate	8.618	149	263313	82.48	ng	94
65) 4-Nitroaniline	8.757	138	66099	81.59	ng	85
66) Atrazine	9.382	200	94766	81.98	ng	95
68) 4,6-Dinitro-2-methylph...	8.784	198	48187	79.56	ng	100
69) n-Nitrosodiphenylamine	8.848	169	229823	84.43	ng	99
71) 1,2-Diphenylhydrazine	8.890	77	231826	85.74	ng	75
72) 4-Bromophenyl-phenylether	9.222	248	96592	83.57	ng	82
73) Hexachlorobenzene	9.286	284	100683	84.30	ng	62
74) N-Octadecane	9.558	57	127815	87.91	ng	72
75) Pentachlorophenol	9.489	266	56174	81.26	ng	97
76) Phenanthrene	9.724	178	412359	83.97	ng	99
77) Anthracene	9.783	178	414620	85.26	ng	100
78) Carbazole	9.948	167	382960	83.57	ng	98
79) Di-n-butylphthalate	10.333	149	473017	85.78	ng	97
80) Fluoranthene	11.054	202	505874	83.53	ng	82
82) Pyrene	11.321	202	518580	83.38	ng	78
83) Benzidine	11.214	184	100099	89.15	ng	79
85) 4,4'-DDE	11.444	246	122952	82.66	ng	95
86) Endrin	11.770	81	21057	81.86	ng	1
87) 4,4'-DDD	11.839	235	197082	82.37	ng	96
88) Butylbenzylphthalate	12.101	149	200571	81.71	ng	66
89) Endrin aldehyde	11.770	67	11111	81.10	ng	85
90) 4,4'-DDT	12.197	235	193556	81.11	ng	97
91) Endrin ketone	12.683	317	24178	79.17	ng	99
92) 3,3'-Dichlorobenzidine	12.721	252	126296	86.03	ng	94
93) Benzo[a]anthracene	12.747	228	467398	82.25	ng	100
94) Chrysene	12.790	228	416027	80.18	ng	98
95) bis(2-Ethylhexyl)phtha...	12.796	149	240122	81.53	ng	91
97) Di-n-octylphthalate	13.543	149	447706	79.68	ng	100
98) Benzo[b]fluoranthene	13.960	252	440551	75.48	ng	90
99) Benzo[k]fluoranthene	13.992	252	453616	85.48	ng	88
100) Benzo[a]pyrene	14.313	252	428121	80.99	ng	89
101) Indeno[1,2,3-cd]pyrene	15.691	276	490267	84.53	ng	66
102) Dibenzo[a,h]anthracene	15.712	278	403936	86.04	ng	83
103) Benzo[g,h,i]perylene	16.070	276	398813	86.06	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed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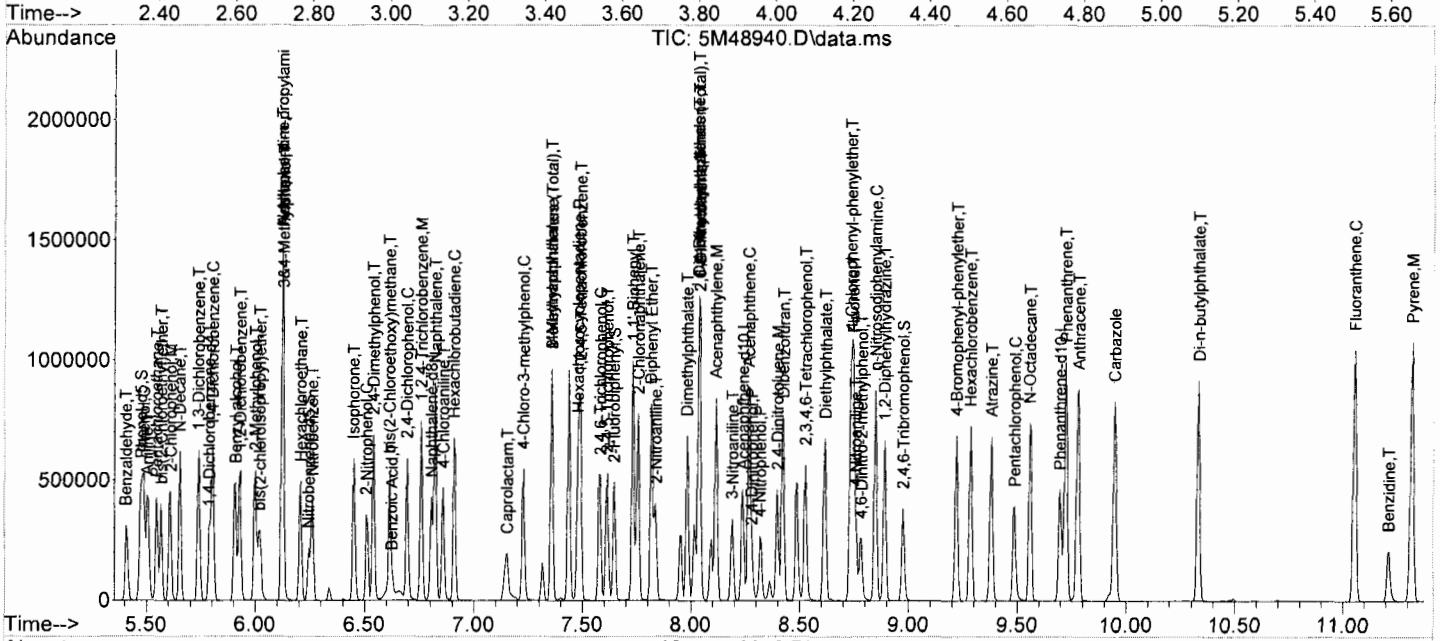
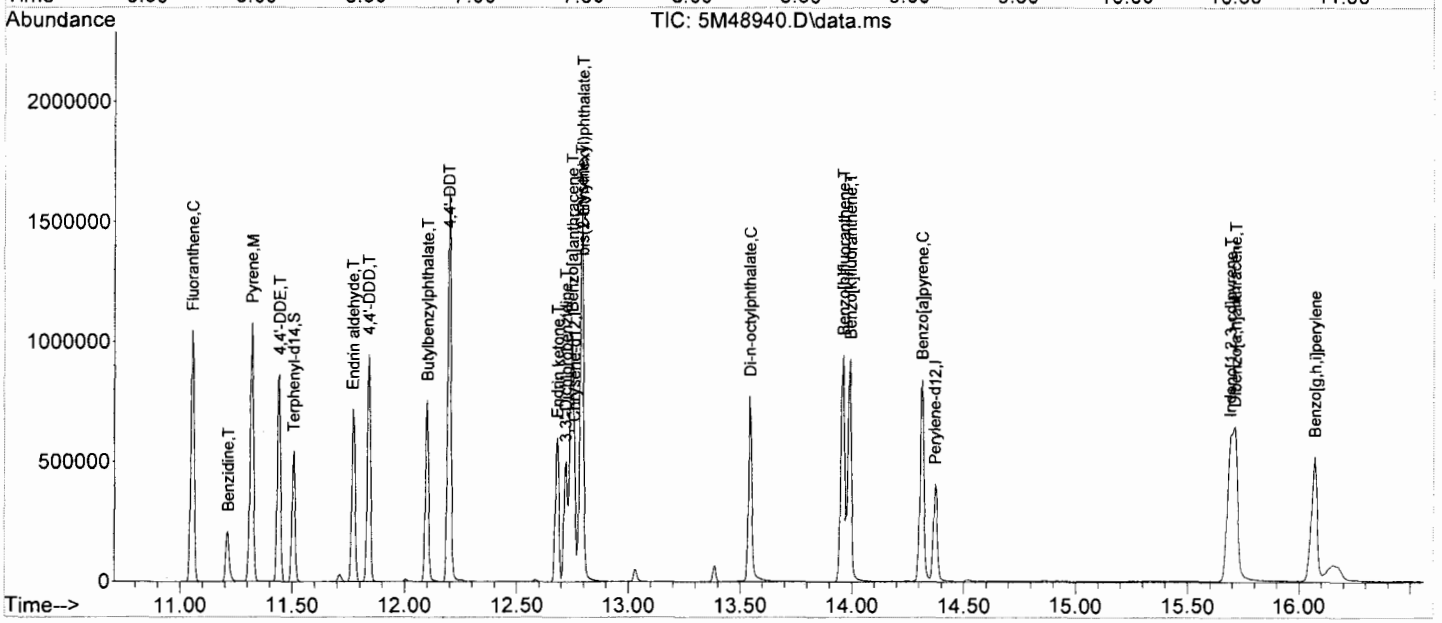
Quant QT Reviewed
SampleID : CAL BNA@80PPM
Data File: 5M48940.D
Acq On : 02/19/09 11:37
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 12:19
Qt Upd On: 02/19/09 11:38
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 5M48940.D\data.ms
Benzaldehyde,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
Fluorene,C
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->


Abundance
TIC: 5M48940.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48939.D Sam Mult : 1 Vial# : 5 Qt On : 02/19/09 11:33
Acq On : 02/19/09 11:15 Misc : A,BNA Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.792	152	53987	40.00	ng	-0.02
23) Naphthalene-d8	6.807	136	201860	40.00	ng	-0.02
41) Acenaphthene-d10	8.239	164	125939	40.00	ng	-0.02
67) Phenanthrene-d10	9.702	188	230256	40.00	ng	-0.02
81) Chrysene-d12	12.764	240	204340	40.00	ng	-0.01
96) Perylene-d12	14.377	264	203570	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.579	112	221712	124.30	ng	-0.02
Spiked Amount 100.000			Recovery = 124.30%			
9) Phenol-d5	5.482	99	274231	115.11	ng	0.00
Spiked Amount 100.000			Recovery = 115.11%			
24) Nitrobenzene-d5	6.251	128	51897	59.91	ng	-0.01
Spiked Amount 50.000			Recovery = 119.82%			
46) 2-Fluorobiphenyl	7.651	172	242632	57.73	ng	-0.02
Spiked Amount 50.000			Recovery = 115.46%			
70) 2,4,6-Tribromophenol	8.981	330	86427	137.56	ng	-0.02
Spiked Amount 100.000			Recovery = 137.56%			
84) Terphenyl-d14	11.508	244	348858	61.09	ng	-0.02
Spiked Amount 50.000			Recovery = 122.18%			
Target Compounds						Qvalue
2) Pyridine	2.993	79	217536	116.82	ng	70
3) N-Nitrosodimethylamine	2.944	74	122235	112.44	ng	73
5) Benzaldehyde	5.413	77	87983	57.78	ng	73
6) Aniline	5.509	93	296862	127.47	ng	76
7) Pentachloroethane	5.546	117	64021	116.67	ng	66
8) bis(2-Chloroethyl)ether	5.573	93	181723	107.81	ng	75
10) Phenol	5.493	94	280952	113.82	ng	92
11) 2-Chlorophenol	5.610	128	215423	118.74	ng	78
12) N-Decane	5.653	57	157014	100.00	ng	76
13) 1,3-Dichlorobenzene	5.744	146	228665	114.51	ng	96
14) 1,4-Dichlorobenzene	5.808	146	231734	113.99	ng	99
15) 1,2-Dichlorobenzene	5.931	146	213355	112.58	ng	99
16) Benzyl alcohol	5.909	108	134926	114.99	ng	78
17) bis(2-chloroisopropyl)...	6.022	45	175125	90.51	ng	82
18) 2-Methylphenol	6.000	108	182156	111.68	ng	99
19) Acetophenone	6.128	105	292115	110.22	ng	70
20) Hexachloroethane	6.209	117	82226	115.60	ng	54
21) N-Nitroso-di-n-propyla...	6.134	70	128335	106.45	ng	61
22) 3&4-Methylphenol	6.134	108	181259	111.24	ng	99
25) Nitrobenzene	6.267	77	198933	113.80	ng	75
26) Isophorone	6.454	82	386857	114.14	ng	84
27) 2-Nitrophenol	6.513	139	114306	132.04	ng	90
28) 2,4-Dimethylphenol	6.545	107	210261	119.91	ng	98
29) Benzoic Acid	6.647	105	138310m	184.83	ng	
30) bis(2-Chloroethoxy)met...	6.620	93	218380	111.71	ng	96
31) 2,4-Dichlorophenol	6.700	162	182291	122.53	ng	86
32) 1,2,4-Trichlorobenzene	6.764	180	212236	117.78	ng	96
33) Naphthalene	6.823	128	590761	114.64	ng	99
34) 4-Chloroaniline	6.860	127	203324	133.80	ng	100
35) Hexachlorobutadiene	6.914	225	133594	123.79	ng	98
36) Caprolactam	7.176	113	73834	122.55	ng	61
37) 4-Chloro-3-methylphenol	7.234	107	192007	124.47	ng	83
38) 2-Methylnaphthalene	7.362	142	425320	117.66	ng	100
39) Methylnaphthalenes (To...	7.362	142	425320	117.66	ng	100
40) 1,1'-Biphenyl	7.736	154	530169	114.99	ng	92
42) 1,2,4,5-Tetrachloroben...	7.491	216	237420	118.01	ng	98
43) Hexachlorocyclopentadiene	7.480	237	141117	143.69	ng	99
44) 2,4,6-Trichlorophenol	7.582	196	138292	128.99	ng	95
45) 2,4,5-Trichlorophenol	7.619	196	148631	126.77	ng	97
47) 2-Chloronaphthalene	7.758	162	398898	116.53	ng	93
48) 1,4-Dimethylnaphthalene	8.041	156	308618	111.90	ng	89
49) Dimethylnaphthalenes (...	8.041	156	308618	111.90	ng	89
50) Diphenyl Ether	7.822	170	308116	115.34	ng	75
51) 2-Nitroaniline	7.843	65	124903	114.28	ng	40
52) Acenaphthylene	8.121	152	607358	112.68	ng	98
53) Dimethylphthalate	7.993	163	484114	117.39	ng	98
54) 2,6-Dinitrotoluene	8.046	165	106805	118.76	ng	58
55) Acenaphthene	8.271	153	409641	116.22	ng	96
56) 3-Nitroaniline	8.196	138	99084	122.79	ng	75
57) 2,4-Dinitrophenol	8.287	184	62318	172.71	ng	75
58) Dibenzofuran	8.426	168	582016	115.13	ng	89
59) 2,4-Dinitrotoluene	8.404	165	154964	126.51	ng	61

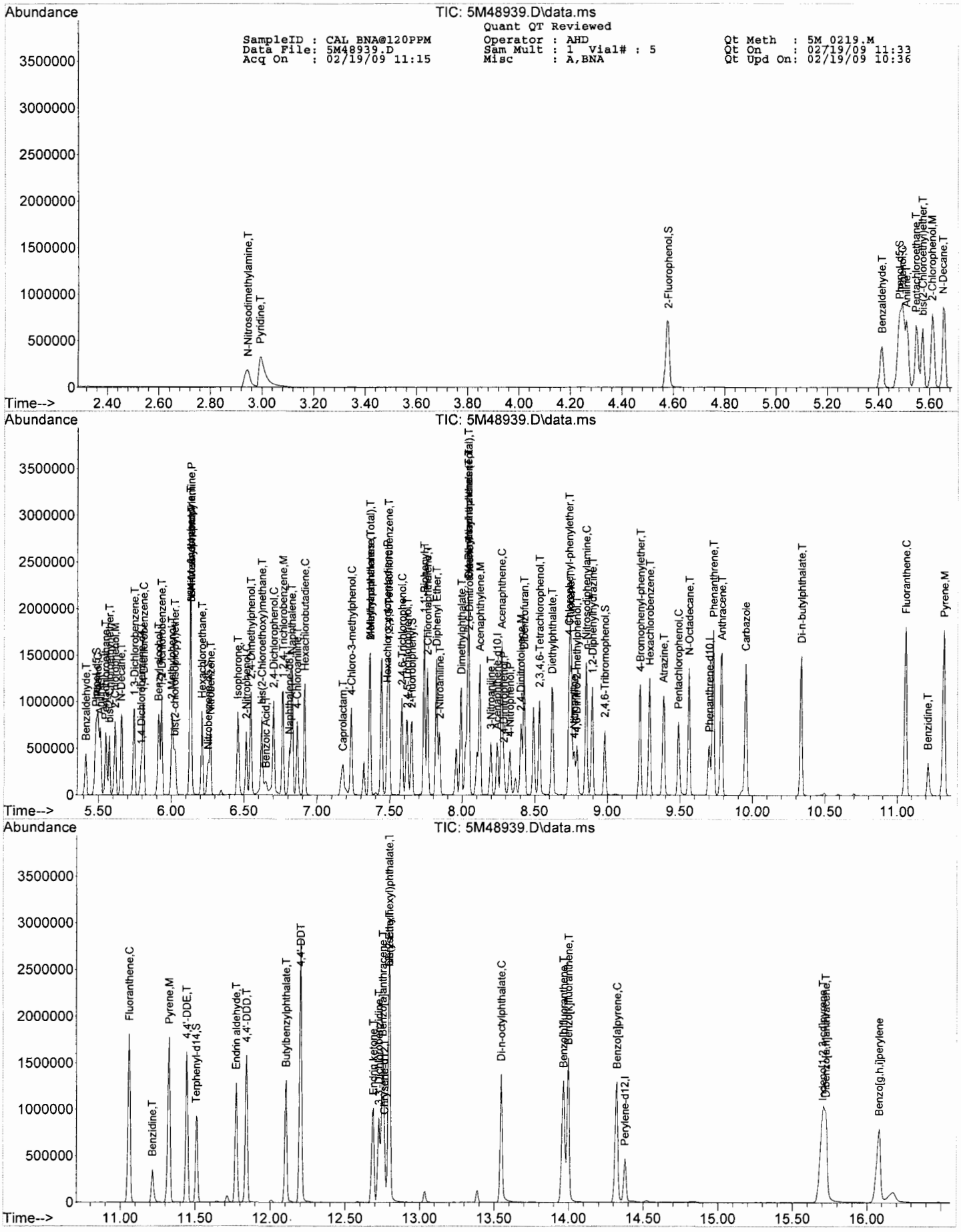
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48939.D Sam Mult : 1 Vial# : 5 Qt On : 02/19/09 11:33
Acq On : 02/19/09 11:15 Misc : A,BNA Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.329	65	73250	129.44	ng	69
61) 2,3,4,6-Tetrachlorophenol	8.532	232	136648	130.70	ng	82
62) Fluorene	8.746	166	475667	115.13	ng	99
63) 4-Chlorophenyl-phenyle...	8.735	204	260473	118.08	ng	83
64) Diethylphthalate	8.618	149	474820	119.05	ng	95
65) 4-Nitroaniline	8.773	138	117154	115.62	ng	83
66) Atrazine	9.387	200	172995	120.54	ng	96
68) 4,6-Dinitro-2-methylph...	8.789	198	92327	149.29	ng	100
69) n-Nitrosodiphenylamine	8.853	169	410613	115.46	ng	98
71) 1,2-Diphenylhydrazine	8.896	77	407645	108.89	ng	71
72) 4-Bromophenyl-phenylether	9.227	248	174117	120.54	ng	79
73) Hexachlorobenzene	9.291	284	177242	117.40	ng	62
74) N-Octadecane	9.564	57	218943	103.02	ng	68
75) Pentachlorophenol	9.489	266	107306	144.81	ng	96
76) Phenanthrene	9.729	178	739026	113.94	ng	99
77) Anthracene	9.788	178	726461	112.50	ng	99
78) Carbazole	9.954	167	683440	111.45	ng	98
79) Di-n-butylphthalate	10.338	149	837668	120.01	ng	98
80) Fluoranthene	11.059	202	886646	112.12	ng	82
82) Pyrene	11.326	202	901625	121.66	ng	78
83) Benzidine	11.214	184	154433	87.92	ng	81
85) 4,4'-DDE	11.444	246	217368	127.43	ng	94
86) Endrin	11.775	81	37239	129.78	ng	1
87) 4,4'-DDD	11.845	235	343269	126.80	ng	97
88) Butylbenzylphthalate	12.106	149	358878	129.63	ng	65
89) Endrin aldehyde	11.775	67	19922	105.42	ng	85
90) 4,4'-DDT	12.203	235	343962	134.88	ng	95
91) Endrin ketone	12.689	317	42991	127.36	ng	99
92) 3,3'-Dichlorobenzidine	12.726	252	207598	144.00	ng	94
93) Benzo[a]anthracene	12.753	228	801152	117.17	ng	100
94) Chrysene	12.796	228	718929	114.00	ng	98
95) bis(2-Ethylhexyl)phtha...	12.796	149	426358	127.79	ng	90
97) Di-n-octylphthalate	13.549	149	804260	142.58	ng	100
98) Benzo[b]fluoranthene	13.966	252	786678	126.76	ng	90
99) Benzo[k]fluoranthene	13.998	252	713420	114.14	ng	90
100) Benzo[a]pyrene	14.323	252	721459	122.96	ng	87
101) Indeno[1,2,3-cd]pyrene	15.702	276	807520	124.26	ng	68
102) Dibenzo[a,h]anthracene	15.723	278	648446	124.63	ng	82
103) Benzo[g,h,i]perylene	16.081	276	654849	120.04	ng	75

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


Abundance
TIC: 5M48939.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@120PPM
Data File: 5M48939.D
Acq On : 02/19/09 11:15
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 11:33
Qt Upd On: 02/19/09 10:36
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Aniline,T
Bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
Time-->

Abundance
TIC: 5M48939.D\data.ms
Benzaldehyde,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
Benzoic Acid,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
Naphthalene,T
4-Chloroaniline,T
Hexachlorobutadiene,C
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene,C
2,4-Dinitrophenol,C
Dibenzofuran,T
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->

Abundance
TIC: 5M48939.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48938.D Sam Mult : 1 Vial# : 4 Qt On : 02/19/09 11:12
Acq On : 02/19/09 10:52 Misc : A,BNA Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.792	152	59951	40.00	ng	-0.02
23) Naphthalene-d8	6.812	136	224179	40.00	ng	-0.02
41) Acenaphthene-d10	8.244	164	131268	40.00	ng	-0.02
67) Phenanthrene-d10	9.708	188	229071	40.00	ng	-0.01
81) Chrysene-d12	12.774	240	219774	40.00	ng	0.00
96) Perylene-d12	14.387	264	235293	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.584	112	341336	172.33	ng	-0.01
Spiked Amount 100.000			Recovery = 172.33%			
9) Phenol-d5	5.487	99	410226	155.07	ng	0.00
Spiked Amount 100.000			Recovery = 155.07%			
24) Nitrobenzene-d5	6.257	128	76717	79.74	ng	0.00
Spiked Amount 50.000			Recovery = 159.48%			
46) 2-Fluorobiphenyl	7.656	172	340162	77.65	ng	-0.01
Spiked Amount 50.000			Recovery = 155.30%			
70) 2,4,6-Tribromophenol	8.986	330	116293	186.05	ng	-0.01
Spiked Amount 100.000			Recovery = 186.05%			
84) Terphenyl-d14	11.519	244	479974	78.15	ng	-0.01
Spiked Amount 50.000			Recovery = 156.30%			
Target Compounds						Qvalue
2) Pyridine	2.998	79	338391	163.65	ng	69
3) N-Nitrosodimethylamine	2.955	74	192785	159.69	ng	74
5) Benzaldehyde	5.412	77	105618	62.46	ng	75
6) Aniline	5.514	93	418022	161.63	ng	77
7) Pentachloroethane	5.551	117	94066	154.38	ng	65
8) bis(2-Chloroethyl)ether	5.578	93	259539	138.66	ng	75
10) Phenol	5.503	94	407928	148.83	ng	95
11) 2-Chlorophenol	5.615	128	310502	154.12	ng	77
12) N-Decane	5.658	57	220631	126.54	ng	73
13) 1,3-Dichlorobenzene	5.744	146	335235	151.18	ng	98
14) 1,4-Dichlorobenzene	5.808	146	338604	149.99	ng	97
15) 1,2-Dichlorobenzene	5.936	146	312557	148.51	ng	98
16) Benzyl alcohol	5.920	108	199097	152.80	ng	74
17) bis(2-chloroisopropyl)...	6.027	45	242623	112.92	ng	80
18) 2-Methylphenol	6.005	108	265952	146.83	ng	98
19) Acetophenone	6.134	105	423931	144.04	ng	66
20) Hexachloroethane	6.208	117	120865	153.02	ng	67
21) N-Nitroso-di-n-propyla...	6.139	70	182518	136.34	ng	61
22) 3&4-Methylphenol	6.139	108	261109	144.31	ng	97
25) Nitrobenzene	6.273	77	288766	148.74	ng	76
26) Isophorone	6.465	82	563444	149.69	ng	80
27) 2-Nitrophenol	6.518	139	166749	173.44	ng	87
28) 2,4-Dimethylphenol	6.550	107	303734	155.97	ng	98
29) Benzoic Acid	6.673	105	196287m	236.19	ng	
30) bis(2-Chloroethoxy)met...	6.625	93	316327	145.70	ng	96
31) 2,4-Dichlorophenol	6.705	162	264219	159.91	ng	87
32) 1,2,4-Trichlorobenzene	6.764	180	313504	156.65	ng	98
33) Naphthalene	6.828	128	855662	149.52	ng	99
34) 4-Chloroaniline	6.866	127	251951	149.29	ng	99
35) Hexachlorobutadiene	6.914	225	193616	161.55	ng	97
36) Caprolactam	7.197	113	86998	130.03	ng	55
37) 4-Chloro-3-methylphenol	7.240	107	264825	154.59	ng	85
38) 2-Methylnaphthalene	7.368	142	592108	147.49	ng	99
39) Methylnaphthalenes (To...	7.368	142	592108	147.49	ng	99
40) 1,1'-Biphenyl	7.742	154	719810	140.58	ng	92
42) 1,2,4,5-Tetrachloroben...	7.496	216	334711	159.62	ng	98
43) Hexachlorocyclopentadiene	7.485	237	205744	200.99	ng	98
44) 2,4,6-Trichlorophenol	7.587	196	192949	172.67	ng	95
45) 2,4,5-Trichlorophenol	7.624	196	200948	164.43	ng	95
47) 2-Chloronaphthalene	7.763	162	547647	153.48	ng	94
48) 1,4-Dimethylnaphthalene	8.046	156	421852	146.74	ng	89
49) Dimethylnaphthalenes (...	8.046	156	421852	146.74	ng	89
50) Diphenyl Ether	7.827	170	430942	154.77	ng	75
51) 2-Nitroaniline	7.849	65	165894	145.62	ng	44
52) Acenaphthylene	8.126	152	832193	148.13	ng	99
53) Dimethylphthalate	7.998	163	642839	149.55	ng	98
54) 2,6-Dinitrotoluene	8.052	165	141857	151.33	ng	60
55) Acenaphthene	8.276	153	554193	150.85	ng	95
56) 3-Nitroaniline	8.206	138	127684	151.81	ng	73
57) 2,4-Dinitrophenol	8.297	184	86128	229.01	ng	72
58) Dibenzofuran	8.431	168	760611	144.35	ng	89
59) 2,4-Dinitrotoluene	8.415	165	206276	161.56	ng	58

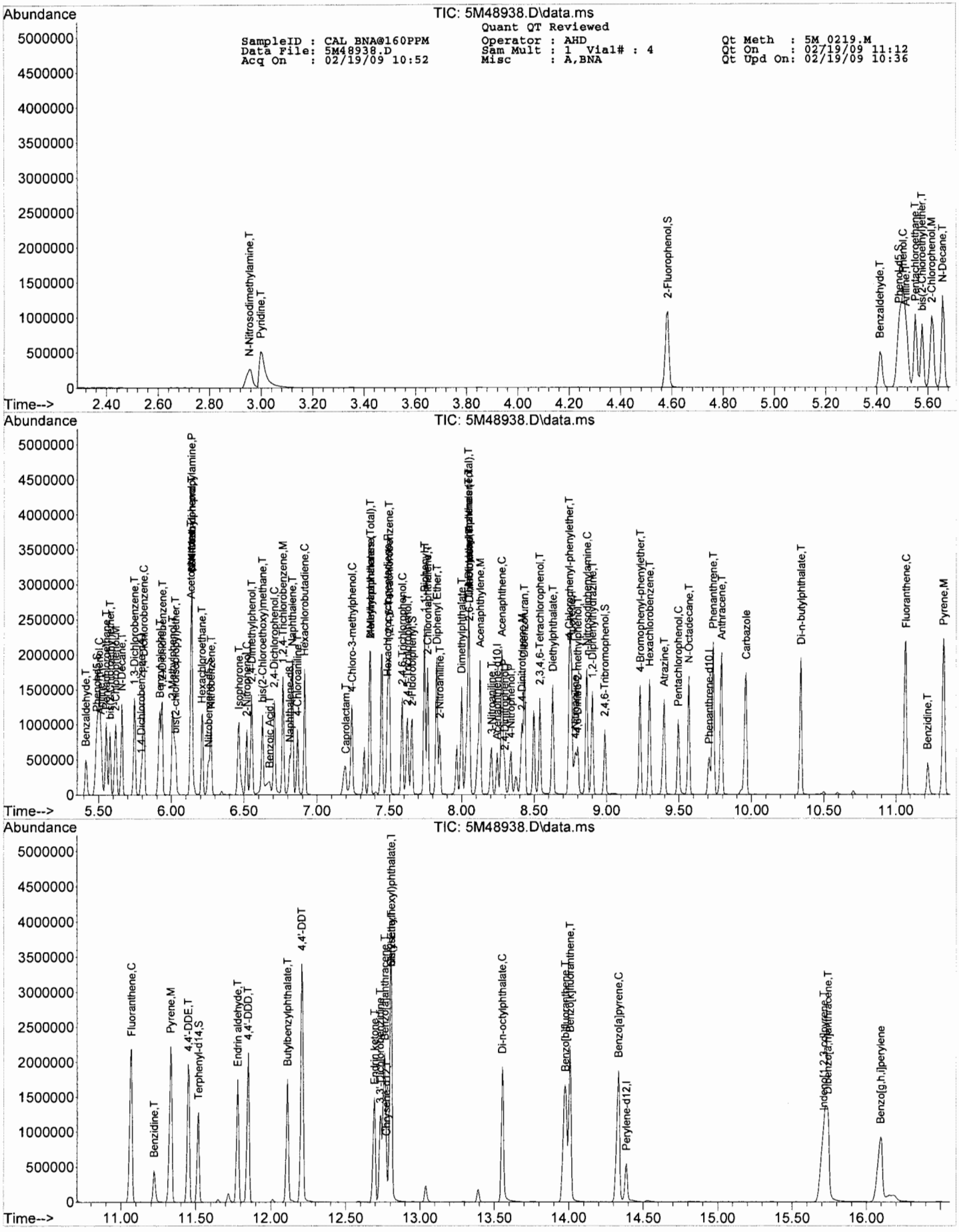
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48938.D Sam Mult : 1 Vial# : 4 Qt On : 02/19/09 11:12
Acq On : 02/19/09 10:52 Misc : A,BNA Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.340	65	97119	164.65	ng	65
61) 2,3,4,6-Tetrachlorophenol	8.538	232	185575	170.30	ng	82
62) Fluorene	8.757	166	626661	145.52	ng	99
63) 4-Chlorophenyl-phenyle...	8.741	204	355977	154.83	ng	83
64) Diethylphthalate	8.629	149	627267	150.89	ng	94
65) 4-Nitroaniline	8.783	138	158617	150.19	ng	83
66) Atrazine	9.398	200	224302	149.94	ng	94
68) 4,6-Dinitro-2-methylph...	8.799	198	124887	202.98	ng	100
69) n-Nitrosodiphenylamine	8.864	169	542546	153.34	ng	98
71) 1,2-Diphenylhydrazine	8.901	77	534567	143.53	ng	70
72) 4-Bromophenyl-phenylether	9.232	248	233427	162.43	ng	79
73) Hexachlorobenzene	9.296	284	241581	160.85	ng	62
74) N-Octadecane	9.569	57	274853	130.00	ng	63
75) Pentachlorophenol	9.494	266	147004	199.40	ng	96
76) Phenanthrene	9.734	178	967880	150.00	ng	99
77) Anthracene	9.793	178	959270	149.32	ng	99
78) Carbazole	9.964	167	909718	149.11	ng	98
79) Di-n-butylphthalate	10.343	149	1094949	157.68	ng	97
80) Fluoranthene	11.070	202	1214546	154.38	ng	80
82) Pyrene	11.332	202	1218967	152.93	ng	79
83) Benzidine	11.220	184	205245	108.65	ng	81
85) 4,4'-DDE	11.449	246	293470	159.97	ng	94
86) Endrin	11.780	81	49728	161.14	ng	1
87) 4,4'-DDD	11.850	235	478340	164.29	ng	97
88) Butylbenzylphthalate	12.112	149	489809	164.50	ng	67
89) Endrin aldehyde	11.780	67	26672	131.22	ng	85
90) 4,4'-DDT	12.208	235	466286	170.01	ng	95
91) Endrin ketone	12.694	317	62148	171.19	ng	98
92) 3,3'-Dichlorobenzidine	12.731	252	290577	187.40	ng	95
93) Benzo[a]anthracene	12.763	228	1141467	155.22	ng	99
94) Chrysene	12.806	228	1043817	153.90	ng	98
95) bis(2-Ethylhexyl)phtha...	12.806	149	586285	163.39	ng	87
97) Di-n-octylphthalate	13.554	149	1159723	177.88	ng	100
98) Benzo[b]fluoranthene	13.976	252	1236759	172.42	ng	90
99) Benzo[k]fluoranthene	14.008	252	1043447	144.43	ng	90
100) Benzo[a]pyrene	14.334	252	1095254	161.50	ng	89
101) Indeno[1,2,3-cd]pyrene	15.712	276	1160252	154.47	ng	68
102) Dibenzo[a,h]anthracene	15.739	278	938343	156.03	ng	82
103) Benzo[g,h,i]perylene	16.097	276	898272	142.47	ng	75

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


Abundance
TIC: 5M48938.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@160PPM
Data File: 5M48938.D
Acq On : 02/19/09 10:52
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 11:12
Qt Upd On: 02/19/09 10:36
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48937.D Sam Mult : 1 Vial# : 3 Qt On : 02/19/09 10:36
Acq On : 02/19/09 10:17 Misc : A,BNA Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.792	152	50307	40.00	ng	-0.02
23) Naphthalene-d8	6.812	136	191744	40.00	ng	-0.02
41) Acenaphthene-d10	8.244	164	116654	40.00	ng	-0.02
67) Phenanthrene-d10	9.702	188	214915	40.00	ng	-0.02
81) Chrysene-d12	12.769	240	199470	40.00	ng	0.00
96) Perylene-d12	14.382	264	206518	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.579	112	354261	213.14	ng	-0.02
Spiked Amount 100.000			Recovery = 213.14%			
9) Phenol-d5	5.487	99	434209	195.60	ng	0.00
Spiked Amount 100.000			Recovery = 195.60%			
24) Nitrobenzene-d5	6.251	128	80050	97.28	ng	-0.01
Spiked Amount 50.000			Recovery = 194.56%			
46) 2-Fluorobiphenyl	7.651	172	355041	91.20	ng	-0.02
Spiked Amount 50.000			Recovery = 182.40%			
70) 2,4,6-Tribromophenol	8.986	330	130926	223.26	ng	-0.01
Spiked Amount 100.000			Recovery = 223.26%			
84) Terphenyl-d14	11.513	244	549459	98.57	ng	-0.02
Spiked Amount 50.000			Recovery = 197.14%			
Target Compounds						Qvalue
2) Pyridine	2.998	79	353646	203.81	ng	67
3) N-Nitrosodimethylamine	2.955	74	207725	205.05	ng	73
5) Benzaldehyde	5.412	77	85233	60.07	ng	72
6) Aniline	5.514	93	435955	200.88	ng	77
7) Pentachloroethane	5.551	117	97322	190.34	ng	65
8) bis(2-Chloroethyl)ether	5.578	93	278432	177.27	ng	74
10) Phenol	5.503	94	428547	186.32	ng	95
11) 2-Chlorophenol	5.615	128	327588	193.77	ng	76
12) N-Decane	5.658	57	232561	158.96	ng	73
13) 1,3-Dichlorobenzene	5.744	146	351769	189.05	ng	97
14) 1,4-Dichlorobenzene	5.808	146	355191	187.51	ng	99
15) 1,2-Dichlorobenzene	5.931	146	326386	184.81	ng	98
16) Benzyl alcohol	5.915	108	206534	188.89	ng	77
17) bis(2-chloroisopropyl)...	6.021	45	252897	140.26	ng	78
18) 2-Methylphenol	6.005	108	278393	183.16	ng	98
19) Acetophenone	6.134	105	440108	178.21	ng	66
20) Hexachloroethane	6.208	117	126510	190.87	ng	60
21) N-Nitroso-di-n-propyla...	6.139	70	188406	167.72	ng	60
22) 3&4-Methylphenol	6.139	108	268231	176.66	ng	99
25) Nitrobenzene	6.273	77	294308	177.23	ng	75
26) Isophorone	6.460	82	590695	183.48	ng	84
27) 2-Nitrophenol	6.518	139	172979	210.35	ng	85
28) 2,4-Dimethylphenol	6.550	107	316819	190.21	ng	98
29) Benzoic Acid	6.673	105	206219m	290.12	ng	
30) bis(2-Chloroethoxy)met...	6.625	93	329069	177.21	ng	95
31) 2,4-Dichlorophenol	6.705	162	273773	193.72	ng	86
32) 1,2,4-Trichlorobenzene	6.764	180	325790	190.33	ng	97
33) Naphthalene	6.828	128	887071	181.22	ng	99
34) 4-Chloroaniline	6.866	127	232767	161.26	ng	100
35) Hexachlorobutadiene	6.914	225	203448	198.47	ng	96
36) Caprolactam	7.197	113	96466	168.57	ng	58
37) 4-Chloro-3-methylphenol	7.240	107	278048	189.76	ng	83
38) 2-Methylnaphthalene	7.362	142	618899	180.24	ng	99
39) Methylnaphthalenes (To...	7.362	142	618899	180.24	ng	99
40) 1,1'-Biphenyl	7.736	154	767540	175.26	ng	93
42) 1,2,4,5-Tetrachloroben...	7.496	216	351748	188.76	ng	98
43) Hexachlorocyclopentadiene	7.485	237	213316	234.49	ng	98
44) 2,4,6-Trichlorophenol	7.587	196	206893	208.34	ng	96
45) 2,4,5-Trichlorophenol	7.624	196	216905	199.73	ng	95
47) 2-Chloronaphthalene	7.763	162	577918	182.26	ng	93
48) 1,4-Dimethylnaphthalene	8.046	156	453263	177.42	ng	86
49) Dimethylnaphthalenes (...	8.046	156	453263	177.42	ng	86
50) Diphenyl Ether	7.822	170	458778	185.41	ng	77
51) 2-Nitroaniline	7.849	65	181583	179.36	ng	38
52) Acenaphthylene	8.126	152	898724	180.01	ng	98
53) Dimethylphthalate	7.998	163	709090	185.63	ng	98
54) 2,6-Dinitrotoluene	8.052	165	154760	185.78	ng	58
55) Acenaphthene	8.276	153	599320	183.57	ng	96
56) 3-Nitroaniline	8.201	138	138177	184.87	ng	75
57) 2,4-Dinitrophenol	8.292	184	97362	291.31	ng	80
58) Dibenzofuran	8.431	168	848340	181.17	ng	88
59) 2,4-Dinitrotoluene	8.415	165	232431	204.85	ng	58

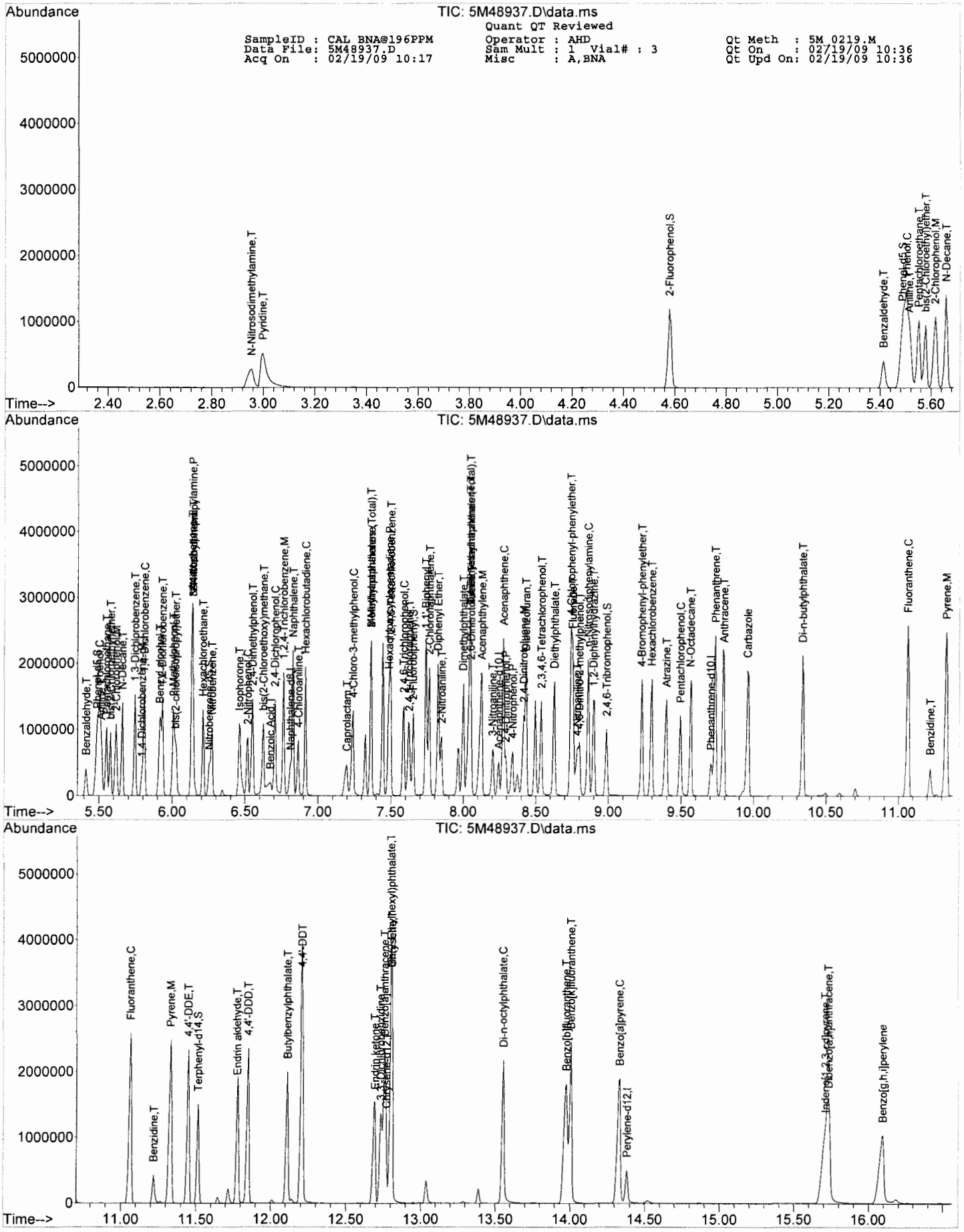
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48937.D Sam Mult : 1 Vial# : 3 Qt On : 02/19/09 10:36
Acq On : 02/19/09 10:17 Misc : A,BNA Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.340	65	109197	208.32	ng	63
61) 2,3,4,6-Tetrachlorophenol	8.538	232	202471	209.08	ng	82
62) Fluorene	8.751	166	698157	182.43	ng	99
63) 4-Chlorophenyl-phenyle...	8.741	204	392160	191.94	ng	81
64) Diethylphthalate	8.629	149	707762	191.58	ng	94
65) 4-Nitroaniline	8.783	138	178803	190.51	ng	84
66) Atrazine	9.398	200	258540	194.48	ng	95
68) 4,6-Dinitro-2-methylph...	8.799	198	145962	252.86	ng	100
69) n-Nitrosodiphenylamine	8.858	169	605535	182.42	ng	98
71) 1,2-Diphenylhydrazine	8.896	77	586623	167.89	ng	74
72) 4-Bromophenyl-phenylether	9.227	248	260902	193.51	ng	82
73) Hexachlorobenzene	9.296	284	268496	190.55	ng	60
74) N-Octadecane	9.563	57	303610	153.06	ng	65
75) Pentachlorophenol	9.494	266	169319	244.80	ng	97
76) Phenanthrene	9.734	178	1101238	181.91	ng	100
77) Anthracene	9.793	178	1086917	180.34	ng	100
78) Carbazole	9.959	167	1038292	181.40	ng	98
79) Di-n-butylphthalate	10.338	149	1253502	192.40	ng	98
80) Fluoranthene	11.065	202	1370976	185.74	ng	82
82) Pyrene	11.332	202	1382678	191.13	ng	79
83) Benzidine	11.220	184	184558	107.64	ng	80
85) 4,4'-DDE	11.449	246	329247	197.74	ng	94
86) Endrin	11.775	81	57189	204.18	ng	1
87) 4,4'-DDD	11.850	235	540203	204.42	ng	96
88) Butylbenzylphthalate	12.112	149	554699	205.26	ng	66
89) Endrin aldehyde	11.775	67	30103	163.18	ng	84
90) 4,4'-DDT	12.208	235	545190	219.01	ng	94
91) Endrin ketone	12.694	317	70784	214.82	ng	98
92) 3,3'-Dichlorobenzidine	12.731	252	307581	218.56	ng	94
93) Benzo[a]anthracene	12.758	228	1295791	194.14	ng	99
94) Chrysene	12.806	228	1175388	190.94	ng	99
95) bis(2-Ethylhexyl)phtha...	12.801	149	671619	206.22	ng	88
97) Di-n-octylphthalate	13.554	149	1312884	229.43	ng	100
98) Benzo[b]fluoranthene	13.976	252	1382674	219.62	ng	90
99) Benzo[k]fluoranthene	14.008	252	1190850m	187.80	ng	
100) Benzo[a]pyrene	14.334	252	1182989	198.75	ng	88
101) Indeno[1,2,3-cd]pyrene	15.712	276	1237805	187.76	ng	69
102) Dibenzo[a,h]anthracene	15.734	278	992462	188.02	ng	82
103) Benzo[g,h,i]perylene	16.097	276	978250	176.77	ng	75

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


Abundance
TIC: 5M48937.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@196PPM
Data File: 5M48937.D
Acq On : 02/19/09 10:17
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 10:36
Qt Upd On: 02/19/09 10:36
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Phenol,C
Aniline,T
Bis(2-chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
Time-->

Abundance
TIC: 5M48937.D\data.ms
Benzaldehyde,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthene,C
Diphenyl Ether,T
2-Nitroaniline,T
Dimethylphthalate,T
Acenaphthylene,M
2,6-Dinitrotoluene,M
2,4-Dinitrotoluene,M
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->

Abundance
TIC: 5M48937.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M49048.D **Instrument:** GCMS 5

Cont Calibration Date/Time 2/24/2009 8:11:00 A **Method:** EPA 625

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	5.78	40.00	40				0.000	0.00	
Pyridine	1	0		2.98	47.65	50			1.240	1.213	4.70	
N-Nitrosodimethylamine	1	0		2.92	47.87	50			0.723	0.692	4.26	
2-Fluorophenol	1	0	S	4.56	49.22	50			1.307	1.286	1.56	
Benzaldehyde	1	0		5.40	45.85	50			0.769	0.723	8.30	
Aniline	1	0		5.50	54.32	50			1.776	1.930	8.64	
Pentachloroethane	1	0		5.54	50.71	50			0.415	0.421	1.42	
bis(2-Chloroethyl)ether	1	0		5.56	49.39	50	20		1.194	1.180	1.22	
Phenol-d5	1	0	S	5.46	50.94	50			1.676	1.708	1.88	
Phenol	1	0		5.48	51.11	50	20		1.751	1.790	2.22	
2-Chlorophenol	1	0		5.60	52.03	50	20		1.340	1.395	4.06	
N-Decane	1	0		5.65	47.06	50	20		1.072	1.009	5.88	
1,3-Dichlorobenzene	1	0		5.73	51.15	50	20		1.501	1.536	2.30	
1,4-Dichlorobenzene	1	0		5.80	52.62	50	20		1.503	1.581	5.24	
1,2-Dichlorobenzene	1	0		5.92	51.03	50	20		1.386	1.414	2.06	
Benzyl alcohol	1	0		5.90	51.89	50			0.835	0.867	3.78	
bis(2-chloroisopropyl)ether	1	0		6.01	45.24	50	20		1.170	1.059	9.52	
2-Methylphenol	1	0		5.99	50.64	50	20		1.145	1.159	1.28	
Acetophenone	1	0		6.11	51.22	50			1.899	1.946	2.44	
Hexachloroethane	1	0		6.20	48.89	50	20		0.534	0.523	2.22	
N-Nitroso-di-n-propylamine	1	0		6.11	49.56	50	20		0.842	0.835	0.88	
3&4-Methylphenol	1	0		6.12	51.77	50			1.157	1.198	3.54	
Naphthalene-d8	1	0	I	6.80	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.24	25.71	25			0.172	0.177	2.84	
Nitrobenzene	1	0		6.25	50.08	50	20		0.342	0.343	0.16	
Isophorone	1	0		6.44	49.33	50	20		0.647	0.638	1.34	
2-Nitrophenol	1	0		6.50	51.48	50	20		0.183	0.189	2.96	
2,4-Dimethylphenol	1	0		6.53	50.82	50	20		0.353	0.358	1.64	
Benzoic Acid	1	0		6.60	41.80	50			0.183	0.163	16.40	
bis(2-Chloroethoxy)methane	1	0		6.61	48.39	50	20		0.375	0.363	3.22	
2,4-Dichlorophenol	1	0		6.69	51.96	50	20		0.301	0.313	3.92	
1,2,4-Trichlorobenzene	1	0		6.75	51.37	50	20		0.369	0.380	2.74	
Naphthalene	1	0		6.82	50.01	50	20		1.021	1.021	0.02	
4-Chloroaniline	1	0		6.85	57.72	50			0.347	0.400	15.44	
Hexachlorobutadiene	1	0		6.91	52.34	50	20		0.227	0.238	4.68	
Caprolactam	1	0		7.13	53.16	50			0.109	0.116	6.32	
4-Chloro-3-methylphenol	1	0		7.22	52.56	50	20		0.304	0.319	5.12	
2-Methylnaphthalene	1	0		7.35	51.60	50			0.715	0.738	3.20	
Methylnaphthalenes	1	0		7.35	51.60							
1,1'-Biphenyl	1	0		7.73	50.67	50			0.898	0.910	1.34	
Acenaphthene-d10	1	0	I	8.23	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		7.49	53.22	50			0.684	0.728	6.44	
Hexachlorocyclopentadiene	1	0		7.47	52.91	50			0.350	0.371	5.82	
2,4,6-Trichlorophenol	1	0		7.57	55.20	50	20		0.371	0.410	10.40	
2,4,5-Trichlorophenol	1	0		7.60	52.17	50			0.397	0.414	4.34	
2-Fluorobiphenyl	1	0	S	7.64	25.70	25			1.381	1.420	2.80	
2-Chloronaphthalene	1	0		7.75	52.16	50	20		1.128	1.177	4.32	
1,4-Dimethylnaphthalene	1	0		8.03	51.54	50			0.898	0.926	3.08	
Dimethylnaphthalenes	1	0		8.03	51.54							
Diphenyl Ether	1	0		7.81	51.74	50			0.880	0.910	3.48	
2-Nitroaniline	1	0		7.83	51.73	50			0.348	0.360	3.46	
Acenaphthylene	1	0		8.11	51.61	50	20		1.729	1.785	3.22	
Dimethylphthalate	1	0		7.98	53.16	50	20		1.336	1.420	6.32	
2,6-Dinitrotoluene	1	0		8.04	55.44	50	20		0.290	0.321	10.88	
Acenaphthene	1	0		8.26	50.66	50	20		1.136	1.151	1.32	
3-Nitroaniline	1	0		8.18	58.83	50			0.270	0.318	17.66	
2,4-Dinitrophenol	1	0		8.28	54.01	50	20		0.135	0.155	8.02	
Dibenzofuran	1	0		8.41	51.92	50			1.624	1.687	3.84	
2,4-Dinitrotoluene	1	0		8.39	55.62	50	20		0.398	0.443	11.24	
4-Nitrophenol	1	0		8.31	53.49	50	20		0.179	0.204	6.98	
2,3,4,6-Tetrachlorophenol	1	0		8.52	57.09	50			0.350	0.399	14.18	
Fluorene	1	0		8.74	52.26	50	20		1.335	1.395	4.52	
4-Chlorophenyl-phenylether	1	0		8.72	52.26	50	20		0.722	0.755	4.52	
Diethylphthalate	1	0		8.61	52.41	50	20		1.287	1.349	4.82	
4-Nitroaniline	1	0		8.75	55.00	50			0.317	0.349	10.00	
Atrazine	1	0		9.37	53.56	50			0.458	0.491	7.12	
Phenanthrene-d10	1	0	I	9.69	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.77	53.31	50	20		0.121	0.136	6.62	
n-Nitrosodiphenylamine	1	0		8.84	50.28	50			0.633	0.636	0.56	
2,4,6-Tribromophenol	1	0	S	8.97	54.11	50			0.120	0.130	8.22	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M49048.D **Instrument:** GCMS 5

Cont Calibration Date/Time 2/24/2009 8:11:00 A **Method:** EPA 625

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.88	46.44	50			0.640	0.594	7.12	
4-Bromophenyl-phenylether	1	0		9.22	50.90	50	20		0.262	0.266	1.80	
Hexachlorobenzene	1	0		9.28	52.57	50	20		0.272	0.286	5.14	
N-Octadecane	1	0		9.55	45.14	50	20		0.342	0.309	9.72	
Pentachlorophenol	1	0		9.48	51.04	50	20		0.139	0.149	2.08	
Phenanthrene	1	0		9.71	50.34	50	20		1.139	1.147	0.68	
Anthracene	1	0		9.77	50.87	50	20		1.131	1.151	1.74	
Carbazole	1	0		9.94	50.21	50	20		1.050	1.054	0.42	
Di-n-butylphthalate	1	0		10.32	51.14	50	20		1.230	1.258	2.28	
Fluoranthene	1	0		11.04	51.91	50	20		1.370	1.423	3.82	
Chrysene-d12	1	0	I	12.74	40.00	40				0.000	0.00	
Pyrene	1	0		11.31	49.53	50	20		1.464	1.450	0.94	
Benzidine	1	0		11.20	56.21	50			0.290	0.371	12.42	
Terphenyl-d14	1	0	S	11.50	25.54	25			1.130	1.154	2.16	
4,4'-DDE	1	0		11.43	50.40				0.349			
Endrin	1	0		11.76	48.38	50			0.059	0.058	3.24	
4,4'-DDD	1	0		11.83	51.59				0.554			
Butylbenzylphthalate	1	0		12.09	49.96	50	20		0.547	0.547	0.08	
Endrin aldehyde	1	0		11.76	47.23				0.032			
4,4'-DDT	1	0		12.19	53.59				0.537			
Endrin ketone	1	0		12.67	52.54				0.068			
3,3'-Dichlorobenzidine	1	0		12.70	56.37	50	20		0.345	0.423	12.74	
Benzo[a]anthracene	1	0		12.73	50.69	50	20		1.346	1.365	1.38	
Chrysene	1	0		12.77	52.14	50	20		1.234	1.287	4.28	
bis(2-Ethylhexyl)phthalate	1	0		12.78	51.32	50	20		0.671	0.689	2.64	
Perylene-d12	1	0	I	14.36	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0		13.53	48.12	50	20		1.184	1.140	3.76	
Benzo[b]fluoranthene	1	0		13.94	51.44	50	20		1.270	1.307	2.88	
Benzo[k]fluoranthene	1	0		13.98	51.66	50	20		1.235	1.276	3.32	
Benzo[a]pyrene	1	0		14.30	51.99	50	20		1.183	1.231	3.98	
Indeno[1,2,3-cd]pyrene	1	0		15.66	53.97	50	20		1.296	1.399	7.94	
Dibenzo[a,h]anthracene	1	0		15.69	53.69	50	20		1.071	1.151	7.38	
Benzo[g,h,i]perylene	1	0		16.04	53.53	50	20		1.070	1.145	7.06	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.715	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			0.898	0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49048.D Sam Mult : 1 Vial# : 2 Qt On : 02/24/09 08:25
Acq On : 02/24/09 08:11 Misc : A,BNA Qt Upd On: 02/19/09 14:45

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.781	152	32744	40.00	ng	-0.01
23) Naphthalene-d8	6.801	136	121149	40.00	ng	0.00
41) Acenaphthene-d10	8.233	164	71948	40.00	ng	0.00
67) Phenanthrene-d10	9.686	188	134707	40.00	ng	-0.01
81) Chrysene-d12	12.742	240	135613	40.00	ng	-0.01
96) Perylene-d12	14.361	264	142470	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.563	112	52654	49.22	ng	-0.01
Spiked Amount 100.000			Recovery = 49.22%			
9) Phenol-d5	5.461	99	69898	50.94	ng	-0.01
Spiked Amount 100.000			Recovery = 50.94%			
24) Nitrobenzene-d5	6.235	128	13422	25.71	ng	0.00
Spiked Amount 50.000			Recovery = 51.42%			
46) 2-Fluorobiphenyl	7.640	172	63850	25.70	ng	0.00
Spiked Amount 50.000			Recovery = 51.40%			
70) 2,4,6-Tribromophenol	8.970	330	21895	54.11	ng	0.00
Spiked Amount 100.000			Recovery = 54.11%			
84) Terphenyl-d14	11.497	244	97832	25.54	ng	-0.01
Spiked Amount 50.000			Recovery = 51.08%			
Target Compounds						Qvalue
2) Pyridine	2.982	79	49651	47.65	ng	68
3) N-Nitrosodimethylamine	2.918	74	28330	47.87	ng	71
5) Benzaldehyde	5.402	77	29605	45.85	ng	71
6) Aniline	5.498	93	78983	54.32	ng	39
7) Pentachloroethane	5.535	117	17241	50.71	ng	63
8) bis(2-Chloroethyl)ether	5.557	93	48280	49.39	ng	75
10) Phenol	5.477	94	73255	51.11	ng	89
11) 2-Chlorophenol	5.599	128	57092	52.03	ng	73
12) N-Decane	5.648	57	41279	47.06	ng	74
13) 1,3-Dichlorobenzene	5.733	146	62867	51.15	ng	97
14) 1,4-Dichlorobenzene	5.797	146	64718	52.62	ng	97
15) 1,2-Dichlorobenzene	5.920	146	57893	51.03	ng	99
16) Benzyl alcohol	5.899	108	35472	51.89	ng	74
17) bis(2-chloroisopropyl)...	6.011	45	43332	45.24	ng	77
18) 2-Methylphenol	5.989	108	47455	50.64	ng	100
19) Acetophenone	6.112	105	79632	51.22	ng	72
20) Hexachloroethane	6.198	117	21390	48.89	ng	54
21) N-Nitroso-di-n-propyla...	6.112	70	34158	49.56	ng	65
22) 3&4-Methylphenol	6.118	108	49054	51.77	ng	99
25) Nitrobenzene	6.251	77	51911	50.08	ng	76
26) Isophorone	6.438	82	96689	49.33	ng	83
27) 2-Nitrophenol	6.502	139	28599	51.48	ng	88
28) 2,4-Dimethylphenol	6.529	107	54267	50.82	ng	99
29) Benzoic Acid	6.604	105	24612m	41.80	ng	
30) bis(2-Chloroethoxy)met...	6.609	93	54911	48.39	ng	96
31) 2,4-Dichlorophenol	6.689	162	47335	51.96	ng	85
32) 1,2,4-Trichlorobenzene	6.753	180	57483	51.37	ng	97
33) Naphthalene	6.817	128	154638	50.01	ng	100
34) 4-Chloroaniline	6.855	127	60600	57.72	ng	99
35) Hexachlorobutadiene	6.908	225	35989	52.34	ng	97
36) Caprolactam	7.133	113	17604	53.16	ng	55
37) 4-Chloro-3-methylphenol	7.218	107	48328	52.56	ng	86
38) 2-Methylnaphthalene	7.352	142	111686	51.60	ng	99
39) Methylnaphthalenes (To...	7.352	142	111686	51.60	ng	99
40) 1,1'-Biphenyl	7.726	154	137827	50.67	ng	91
42) 1,2,4,5-Tetrachloroben...	7.485	216	65515	53.22	ng	97
43) Hexachlorocyclopentadiene	7.475	237	33357	52.91	ng	98
44) 2,4,6-Trichlorophenol	7.571	196	36840	55.20	ng	98
45) 2,4,5-Trichlorophenol	7.603	196	37218	52.17	ng	96
47) 2-Chloronaphthalene	7.752	162	105831	52.16	ng	92
48) 1,4-Dimethylnaphthalene	8.030	156	83259	51.54	ng	92
49) Dimethylnaphthalenes (...	8.030	156	83259	51.54	ng	92
50) Diphenyl Ether	7.811	170	81869	51.74	ng	79
51) 2-Nitroaniline	7.827	65	32380	51.73	ng	47
52) Acenaphthylene	8.110	152	160491	51.61	ng	99
53) Dimethylphthalate	7.977	163	127721	53.16	ng	98
54) 2,6-Dinitrotoluene	8.036	165	28887	55.44	ng	56
55) Acenaphthene	8.260	153	103520	50.66	ng	96
56) 3-Nitroaniline	8.180	138	28578	58.83	ng	74
57) 2,4-Dinitrophenol	8.276	184	13982	54.01	ng	72
58) Dibenzofuran	8.415	168	151685	51.92	ng	90
59) 2,4-Dinitrotoluene	8.388	165	39843	55.62	ng	60

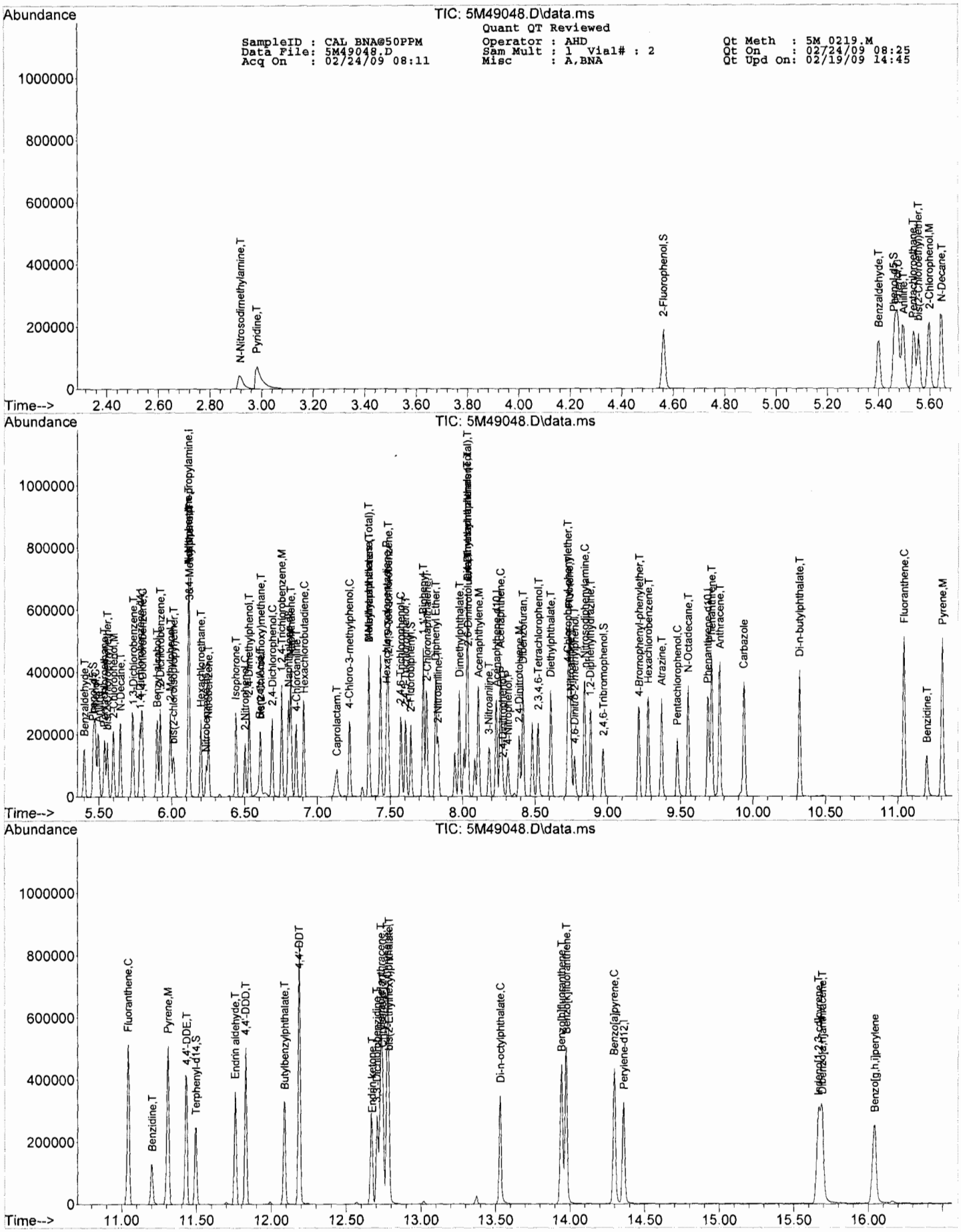
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49048.D Sam Mult : 1 Vial# : 2 Qt On : 02/24/09 08:25
Acq On : 02/24/09 08:11 Misc : A,BNA Qt Upd On: 02/19/09 14:45

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.313	65	18311	53.49	ng	61
61) 2,3,4,6-Tetrachlorophenol	8.522	232	35913	57.09	ng	81
62) Fluorene	8.735	166	125448	52.26	ng	100
63) 4-Chlorophenyl-phenyle...	8.725	204	67904	52.26	ng	84
64) Diethylphthalate	8.607	149	121351	52.41	ng	95
65) 4-Nitroaniline	8.746	138	31410	55.00	ng	82
66) Atrazine	9.371	200	44141	53.56	ng	96
68) 4,6-Dinitro-2-methylph...	8.773	198	22899	53.31	ng	100
69) n-Nitrosodiphenylamine	8.842	169	107163	50.28	ng	98
71) 1,2-Diphenylhydrazine	8.880	77	100070	46.44	ng	75
72) 4-Bromophenyl-phenylether	9.216	248	44851	50.90	ng	78
73) Hexachlorobenzene	9.280	284	48209	52.57	ng	58
74) N-Octadecane	9.553	57	52004	45.14	ng	68
75) Pentachlorophenol	9.478	266	25073	51.04	ng	97
76) Phenanthrene	9.713	178	193189	50.34	ng	99
77) Anthracene	9.772	178	193781	50.87	ng	100
78) Carbazole	9.937	167	177488	50.21	ng	98
79) Di-n-butylphthalate	10.322	149	211901	51.14	ng	98
80) Fluoranthene	11.043	202	239547	51.91	ng	78
82) Pyrene	11.310	202	245810	49.53	ng	76
83) Benzidine	11.203	184	62843	56.21	ng	78
85) 4,4'-DDE	11.433	246	59708	50.40	ng	93
86) Endrin	11.759	81	9749	48.38	ng	1
87) 4,4'-DDD	11.829	235	96842	51.59	ng	97
88) Butylbenzylphthalate	12.090	149	92688	49.96	ng	63
89) Endrin aldehyde	11.759	67	5075	47.23	ng	84
90) 4,4'-DDT	12.186	235	97655	53.59	ng	97
91) Endrin ketone	12.673	317	12135	52.54	ng	98
92) 3,3'-Dichlorobenzidine	12.705	252	71756	56.37	ng	95
93) Benzo[a]anthracene	12.731	228	231346	50.69	ng	99
94) Chrysene	12.774	228	218103	52.14	ng	98
95) bis(2-Ethylhexyl)phtha...	12.785	149	116813	51.32	ng	89
97) Di-n-octylphthalate	13.533	149	202983	48.12	ng	100
98) Benzo[b]fluoranthene	13.944	252	232729	51.44	ng	89
99) Benzo[k]fluoranthene	13.976	252	227223	51.66	ng	88
100) Benzo[a]pyrene	14.297	252	219141	51.99	ng	87
101) Indeno[1,2,3-cd]pyrene	15.664	276	249138	53.97	ng	65
102) Dibenzo[a,h]anthracene	15.691	278	204904	53.69	ng	80
103) Benzo[g,h,i]perylene	16.044	276	203907	53.53	ng	73

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


Abundance
TIC: 5M49048.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 5M49048.D
Acq On : 02/24/09 08:11
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02724/09 08:25
Qt Upd On: 02/19/09 14:45
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->
Benzidine,T
Fluoranthene,C
Pyrene,M
Carbazole
Di-n-butylphthalate,T
Terphenyl-d14,S
4,4'-DDE,T
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M03161.D **Instrument:** GCMS 10

Cont Calibration Date/Time 2/24/2009 11:04:00 **Method:** EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.4-Dichlorobenzene-d4	1	0	I	5.56	40.00	40				0.000	0.00	
Pyridine	1	0		2.66	53.43	50			1.067	1.140	6.86	
N-Nitrosodimethylamine	1	0		2.60	54.77	50			0.590	0.646	9.54	
2-Fluorophenol	1	0	S	4.34	51.56	50			1.105	1.140	3.12	
Benzaldehyde	1	0		5.18	51.38	50			0.677	0.663	2.76	
Aniline	1	0		5.28	47.69	50			1.751	1.837	4.62	
Pentachloroethane	1	0		5.32	50.05	50			0.386	0.387	0.10	
bis(2-Chloroethyl)ether	1	0		5.34	50.21	50			1.137	1.141	0.42	
Phenol-d5	1	0	S	5.26	50.33	50			1.581	1.591	0.66	
Phenol	1	0	CC	5.27	48.51	50	20		1.715	1.664	2.98	
2-Chlorophenol	1	0		5.38	50.04	50			1.335	1.336	0.08	
N-Decane	1	0		5.43	50.88	50			1.062	1.081	1.76	
1.3-Dichlorobenzene	1	0		5.51	50.63	50			1.465	1.483	1.26	
1.4-Dichlorobenzene	1	0	CC	5.58	49.52	50	20		1.526	1.512	0.96	
1.2-Dichlorobenzene	1	0		5.70	49.35	50			1.428	1.410	1.30	
Benzyl alcohol	1	0		5.69	48.91	50			0.853	0.834	2.18	
bis(2-chloroisopropyl)ether	1	0		5.80	48.02	50			1.334	1.281	3.96	
2-Methylphenol	1	0		5.78	50.32	50			1.205	1.213	0.64	
Acetophenone	1	0		5.90	48.58	50			2.059	2.000	2.84	
Hexachloroethane	1	0		5.98	50.51	50			0.532	0.537	1.02	
N-Nitroso-di-n-propylamine	1	0	CP	5.90	48.77	50	0.05		1.021	0.996	2.46	
3&4-Methylphenol	1	0		5.90	49.81	50			1.316	1.311	0.38	
Naphthalene-d8	1	0	I	6.58	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.02	26.01	25			0.164	0.171	4.04	
Nitrobenzene	1	0		6.03	51.93	50			0.358	0.372	3.86	
Isophorone	1	0		6.22	50.92	50			0.661	0.673	1.84	
2-Nitrophenol	1	0	CC	6.28	51.23	50	20		0.192	0.197	2.46	
2.4-Dimethylphenol	1	0		6.32	49.23	50			0.354	0.349	1.54	
Benzoic Acid	1	0		6.39	29.73	50			0.210	0.107	40.54	
bis(2-Chloroethoxy)methane	1	0		6.39	50.78	50			0.377	0.383	1.56	
2.4-Dichlorophenol	1	0	CC	6.47	50.48	50	20		0.308	0.311	0.96	
1.2.4-Trichlorobenzene	1	0		6.53	50.85	50			0.357	0.363	1.70	
Naphthalene	1	0		6.59	50.37	50			1.066	1.074	0.74	
4-Chloroaniline	1	0		6.63	58.59	50			0.348	0.407	17.18	
Hexachlorobutadiene	1	0	CC	6.68	49.74	50	20		0.211	0.210	0.52	
Caprolactam	1	0		6.90	49.05	50			0.123	0.120	1.90	
4-Chloro-3-methylphenol	1	0	CC	7.00	49.52	50	20		0.326	0.323	0.96	
2-Methylnaphthalene	1	0		7.11	50.72	50			0.747	0.757	1.44	
Methylnaphthalenes	1	0		7.11	50.72	50	20			0.757	1.44	
1.1'-Biphenyl	1	0		7.48	48.52	50			0.946	0.918	2.96	
Acenaphthene-d10	1	0	I	7.96	40.00	40				0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		7.24	50.87	50			0.696	0.708	1.74	
Hexachlorocyclopentadiene	1	0	CP	7.23	40.68	50	0.05		0.295	0.272	18.64	
2.4.6-Trichlorophenol	1	0	CC	7.33	52.17	50	20		0.389	0.406	4.34	
2.4.5-Trichlorophenol	1	0		7.36	50.28	50			0.417	0.420	0.56	
2-Fluorobiphenyl	1	0	S	7.40	25.79	25			1.369	1.412	3.16	
2-Chloronaphthalene	1	0		7.50	50.79	50			1.140	1.158	1.58	
1.4-Dimethylnaphthalene	1	0		7.77	49.72	50			0.943	0.938	0.56	
Dimethylnaphthalenes	1	0		7.77	49.72	50	20			0.938	0.56	
Diphenyl Ether	1	0		7.56	50.08	50			0.918	0.919	0.16	
2-Nitroaniline	1	0		7.58	52.95	50			0.401	0.425	5.90	
Acenaphthylene	1	0		7.85	50.35	50			1.881	1.894	0.70	
Dimethylphthalate	1	0		7.72	50.12	50			1.332	1.335	0.24	
2.6-Dinitrotoluene	1	0		7.78	52.31	50			0.315	0.330	4.62	
Acenaphthene	1	0	CC	7.99	49.85	50	20		1.214	1.211	0.30	
3-Nitroaniline	1	0		7.92	57.01	50			0.274	0.312	14.02	
2.4-Dinitrophenol	1	0	CP	8.02	38.83	50	0.05		0.179	0.139	22.34	
Dibenzofuran	1	0		8.15	50.09	50			1.713	1.716	0.18	
2.4-Dinitrotoluene	1	0		8.12	50.55	50			0.421	0.426	1.10	
4-Nitrophenol	1	0	CP	8.06	44.61	50	0.05		0.235	0.229	10.78	
2.3.4.6-Tetrachlorophenol	1	0		8.25	50.10	50			0.395	0.396	0.20	
Fluorene	1	0		8.46	50.73	50			1.437	1.458	1.46	
4-Chlorophenyl-phenylether	1	0		8.45	49.40	50			0.722	0.714	1.20	
Diethylphthalate	1	0		8.34	49.14	50			1.311	1.288	1.72	
4-Nitroaniline	1	0		8.47	52.25	50			0.331	0.346	4.50	
Atrazine	1	0		9.09	49.49	50			0.447	0.442	1.02	
Phenanthrene-d10	1	0	I	9.39	40.00	40				0.000	0.00	
4.6-Dinitro-2-methylphenol	1	0		8.50	44.27	50			0.148	0.137	11.46	
n-Nitrosodiphenylamine	1	0	CC	8.56	50.66	50	20		0.705	0.714	1.32	
2.4.6-Tribromophenol	1	0	S	8.69	51.77	50			0.153	0.159	3.54	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M03161.D **Instrument:** GCMS 10

Cont Calibration Date/Time 2/24/2009 11:04:00 **Method:** EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.60	51.95	50			0.732	0.761	3.90	
4-Bromophenyl-phenylether	1	0		8.93	49.18	50			0.272	0.268	1.64	
Hexachlorobenzene	1	0		8.99	48.88	50			0.318	0.311	2.24	
N-Octadecane	1	0		9.27	51.78	50			0.372	0.385	3.56	
Pentachlorophenol	1	0	CC	9.19	47.03	50	20		0.151	0.144	5.94	
Phenanthrene	1	0		9.42	48.91	50			1.217	1.190	2.18	
Anthracene	1	0		9.47	49.29	50			1.231	1.213	1.42	
Carbazole	1	0		9.64	49.46	50			1.147	1.134	1.08	
Di-n-butylphthalate	1	0		10.03	50.31	50			1.277	1.285	0.62	
Fluoranthene	1	0	CC	10.73	50.03	50	20		1.337	1.338	0.06	
Chrysene-d12	1	0	I	12.41	40.00	40				0.000	0.00	
Pyrene	1	0		10.99	51.12	50			1.306	1.336	2.24	
Benzidine	1	0		10.89	52.28	50			0.257	0.311	4.56	
Terphenyl-d14	1	0	S	11.18	25.45	25			1.091	1.131	1.80	
4,4'-DDE	1	0		11.12	49.99				0.300			
Endrin	1	0		11.44	49.13	50			0.064	0.063	1.74	
4,4'-DDD	1	0		11.52	51.40				0.508			
Butylbenzylphthalate	1	0		11.77	52.75	50			0.509	0.537	5.50	
Endrin aldehyde	1	0		11.44	52.17				0.030			
4,4'-DDT	1	0		11.87	49.83				0.532			
Endrin ketone	1	0		12.34	48.96				0.072			
3,3'-Dichlorobenzidine	1	0		12.38	62.61	50			0.348	0.435	25.22	
Benzo[a]anthracene	1	0		12.40	50.03	50			1.342	1.343	0.06	
Chrysene	1	0		12.45	49.87	50			1.279	1.276	0.26	
bis(2-Ethylhexyl)phthalate	1	0		12.47	50.40	50			0.731	0.737	0.80	
Perylene-d12	1	0	I	14.00	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.22	51.51	50	20		1.148	1.117	3.02	
Benzo[b]fluoranthene	1	0		13.61	49.17	50			1.264	1.242	1.66	
Benzo[k]fluoranthene	1	0		13.64	49.86	50			1.265	1.261	0.28	
Benzo[a]pyrene	1	0	CC	13.94	50.14	50	20		1.194	1.197	0.28	
Indeno[1,2,3-cd]pyrene	1	0		15.18	53.58	50			1.338	1.332	7.16	
Dibenzo[a,h]anthracene	1	0		15.21	50.89	50			1.126	1.146	1.78	
Benzo[g,h,i]perylene	1	0		15.52	55.10	50			1.106	1.096	10.20	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			0.943	0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.747	0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03161.D Sam Mult : 1 Vial# : 2 Qt On : 02/24/09 11:21
Acq On : 02/24/09 11:04 Misc : A,BNA Qt Upd On: 02/19/09 15:07

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.562	152	57731	40.00	ng	-0.02
23) Naphthalene-d8	6.578	136	217441	40.00	ng	-0.02
41) Acenaphthene-d10	7.964	164	131960	40.00	ng	-0.02
67) Phenanthrene-d10	9.392	188	228482	40.00	ng	-0.02
81) Chrysene-d12	12.414	240	243037	40.00	ng	-0.02
96) Perylene-d12	14.002	264	266997	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.343	112	82252	51.56	ng	-0.03
Spiked Amount 100.000			Recovery = 51.56%			
9) Phenol-d5	5.257	99	114802	50.33	ng	-0.02
Spiked Amount 100.000			Recovery = 50.33%			
24) Nitrobenzene-d5	6.022	128	23217	26.01	ng	-0.02
Spiked Amount 50.000			Recovery = 52.02%			
46) 2-Fluorobiphenyl	7.397	172	116443	25.79	ng	-0.02
Spiked Amount 50.000			Recovery = 51.58%			
70) 2,4,6-Tribromophenol	8.686	330	45323	51.77	ng	-0.02
Spiked Amount 100.000			Recovery = 51.77%			
84) Terphenyl-d14	11.184	244	171848	25.45	ng	-0.02
Spiked Amount 50.000			Recovery = 50.90%			
Target Compounds						Qvalue
2) Pyridine	2.663	79	82299	53.43	ng	66
3) N-Nitrosodimethylamine	2.599	74	46600	54.77	ng	82
5) Benzaldehyde	5.182	77	47832	51.38	ng	79
6) Aniline	5.279	93	132575	47.69	ng	68
7) Pentachloroethane	5.322	117	27916	50.05	ng	69
8) bis(2-Chloroethyl)ether	5.343	93	82361	50.21	ng	77
10) Phenol	5.268	94	120069	48.51	ng	97
11) 2-Chlorophenol	5.380	128	96420	50.04	ng	76
12) N-Decane	5.434	57	77999	50.88	ng	76
13) 1,3-Dichlorobenzene	5.514	146	107024	50.63	ng	99
14) 1,4-Dichlorobenzene	5.578	146	109076	49.52	ng	96
15) 1,2-Dichlorobenzene	5.701	146	101753	49.35	ng	96
16) Benzyl alcohol	5.685	108	60177	48.91	ng	77
17) bis(2-chloroisopropyl)...	5.798	45	92465	48.02	ng	68
18) 2-Methylphenol	5.781	108	87530	50.32	ng	100
19) Acetophenone	5.899	105	144330	48.58	ng	67
20) Hexachloroethane	5.979	117	38762	50.51	ng	60
21) N-Nitroso-di-n-propyla...	5.899	70	71851	48.77	ng	76
22) 3&4-Methylphenol	5.904	108	94631	49.81	ng	98
25) Nitrobenzene	6.033	77	101109	51.93	ng	85
26) Isophorone	6.220	82	182882	50.92	ng	89
27) 2-Nitrophenol	6.284	139	53447	51.23	ng	90
28) 2,4-Dimethylphenol	6.316	107	94732	49.23	ng	96
29) Benzoic Acid	6.391	105	29188	29.73	ng	88
30) bis(2-Chloroethoxy)met...	6.391	93	104042	50.78	ng	97
31) 2,4-Dichlorophenol	6.471	162	84640	50.48	ng	86
32) 1,2,4-Trichlorobenzene	6.530	180	98706	50.85	ng	98
33) Naphthalene	6.594	128	291875	50.37	ng	98
34) 4-Chloroaniline	6.632	127	110721	58.59	ng	100
35) Hexachlorobutadiene	6.680	225	57148	49.74	ng	95
36) Caprolactam	6.899	113	32728	49.05	ng	63
37) 4-Chloro-3-methylphenol	6.996	107	87854	49.52	ng	79
38) 2-Methylnaphthalene	7.113	142	205825	50.72	ng	99
39) Methylnaphthalenes (To...	7.113	142	205825	50.72	ng	99
40) 1,1'-Biphenyl	7.477	154	249644	48.52	ng	94
42) 1,2,4,5-Tetrachloroben...	7.242	216	116763	50.87	ng	98
43) Hexachlorocyclopentadiene	7.231	237	44847	40.68	ng	96
44) 2,4,6-Trichlorophenol	7.333	196	66998	52.17	ng	96
45) 2,4,5-Trichlorophenol	7.365	196	69221	50.28	ng	99
47) 2-Chloronaphthalene	7.498	162	191063	50.79	ng	90
48) 1,4-Dimethylnaphthalene	7.771	156	154696	49.72	ng	88
49) Dimethylnaphthalenes (...	7.771	156	154696	49.72	ng	88
50) Diphenyl Ether	7.563	170	151619	50.08	ng	73
51) 2-Nitroaniline	7.579	65	70033	52.95	ng	57
52) Acenaphthylene	7.846	152	312429	50.35	ng	99
53) Dimethylphthalate	7.723	163	220223	50.12	ng	97
54) 2,6-Dinitrotoluene	7.777	165	54440	52.31	ng	59
55) Acenaphthene	7.990	153	199693	49.85	ng	95
56) 3-Nitroaniline	7.921	138	51468	57.01	ng	80
57) 2,4-Dinitrophenol	8.017	184	22940	38.83	ng	82
58) Dibenzofuran	8.146	168	283054	50.09	ng	82
59) 2,4-Dinitrotoluene	8.124	165	70295	50.55	ng	68

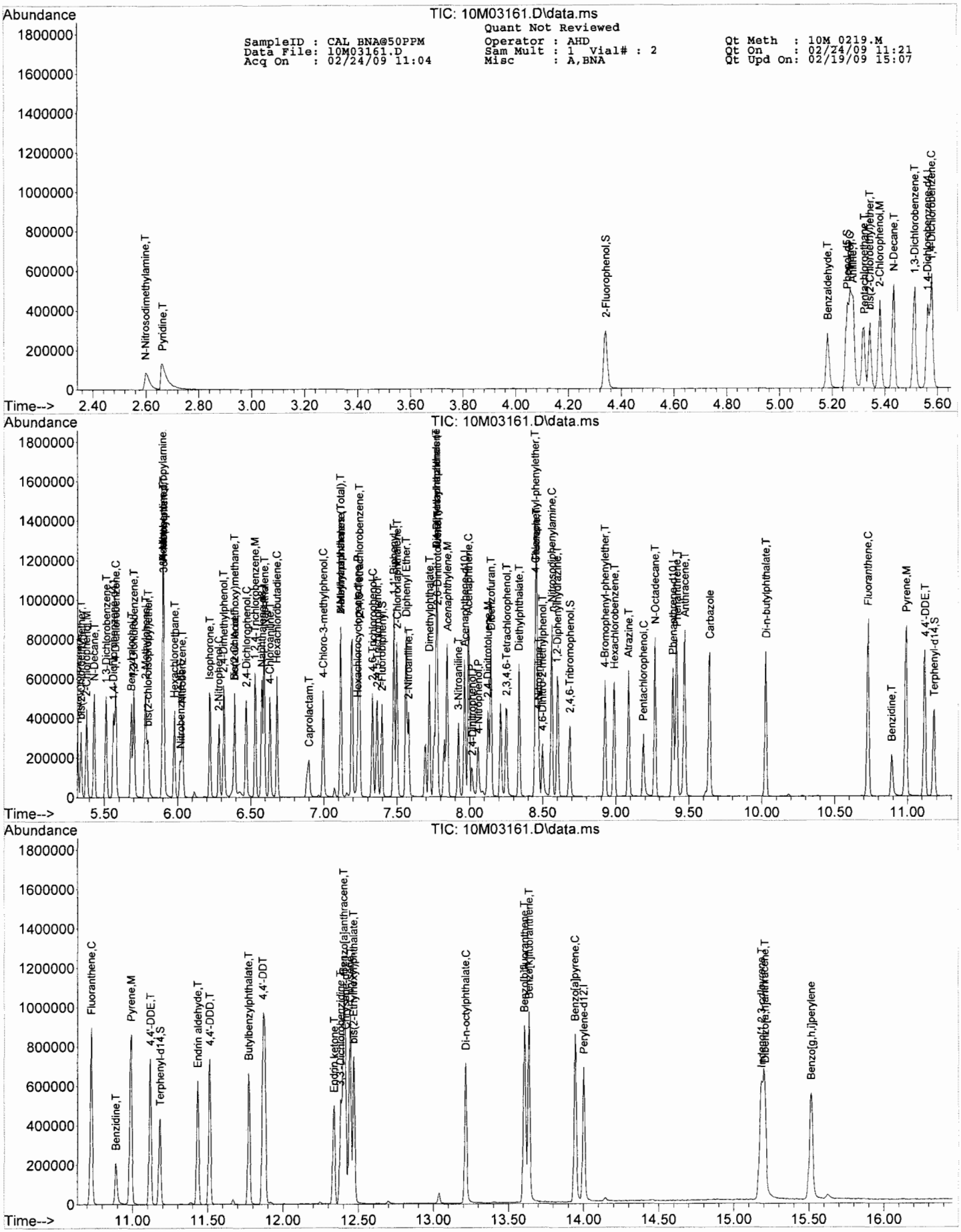
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03161.D Sam Mult : 1 Vial# : 2 Qt On : 02/24/09 11:21
Acq On : 02/24/09 11:04 Misc : A,BNA Qt Upd On: 02/19/09 15:07

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.060	65	37800	44.61	ng	87
61) 2,3,4,6-Tetrachlorophenol	8.253	232	65358	50.10	ng	78
62) Fluorene	8.456	166	240494	50.73	ng	98
63) 4-Chlorophenyl-phenyle...	8.450	204	117695	49.40	ng	81
64) Diethylphthalate	8.338	149	212455	49.14	ng	97
65) 4-Nitroaniline	8.472	138	57126	52.25	ng	80
66) Atrazine	9.087	200	72972	49.49	ng	95
68) 4,6-Dinitro-2-methylph...	8.499	198	39209	44.27	ng	100
69) n-Nitrosodiphenylamine	8.563	169	204054	50.66	ng	99
71) 1,2-Diphenylhydrazine	8.600	77	217201	51.95	ng	83
72) 4-Bromophenyl-phenylether	8.926	248	76437	49.18	ng	78
73) Hexachlorobenzene	8.991	284	88715	48.88	ng	53
74) N-Octadecane	9.269	57	109988	51.78	ng	70
75) Pentachlorophenol	9.189	266	41062	47.03	ng	94
76) Phenanthrene	9.419	178	339883	48.91	ng	98
77) Anthracene	9.472	178	346493	49.29	ng	99
78) Carbazole	9.643	167	323978	49.46	ng	96
79) Di-n-butylphthalate	10.028	149	366992	50.31	ng	97
80) Fluoranthene	10.729	202	382047	50.03	ng	85
82) Pyrene	10.991	202	405781	51.12	ng	81
83) Benzidine	10.889	184	94472	52.28	ng	84
85) 4,4'-DDE	11.119	246	91251	49.99	ng	87
86) Endrin	11.435	81	19059	49.13	ng	13
87) 4,4'-DDD	11.515	235	158576	51.40	ng	92
88) Butylbenzylphthalate	11.772	149	163024	52.75	ng	70
89) Endrin aldehyde	11.435	67	9583	52.17	ng	79
90) 4,4'-DDT	11.868	235	161159	49.83	ng	93
91) Endrin ketone	12.339	317	21416	48.96	ng	100
92) 3,3'-Dichlorobenzidine	12.382	252	132235	62.61	ng	92
93) Benzo[a]anthracene	12.403	228	407923	50.03	ng	98
94) Chrysene	12.446	228	387688	49.87	ng	96
95) bis(2-Ethylhexyl)phtha...	12.467	149	223797	50.40	ng	89
97) Di-n-octylphthalate	13.216	149	372805	51.51	ng	98
98) Benzo[b]fluoranthene	13.607	252	414673	49.17	ng	89
99) Benzo[k]fluoranthene	13.639	252	420895	49.86	ng	89
100) Benzo[a]pyrene	13.944	252	399625	50.14	ng	88
101) Indeno[1,2,3-cd]pyrene	15.184	276	444550	53.58	ng	75
102) Dibenzo[a,h]anthracene	15.206	278	382626	50.89	ng	82
103) Benzo[g,h,i]perylene	15.516	276	365859	55.10	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : CAL BNA@50PPM
Data File: 10M03161.D
Acq On : 02/24/09 11:04
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 10M_0219.M
Qt On : 02/24/09 11:21
Qt Upd On: 02/19/09 15:07
Abundance
Time-->

GC/MS Semi-Volatile Data
Raw QC Data

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 5
Data File: 5M48935.D
Analysis Date: 02/19/09 09:21
Method: EPA 625

Tune Scan/Time Range: Scan 1432

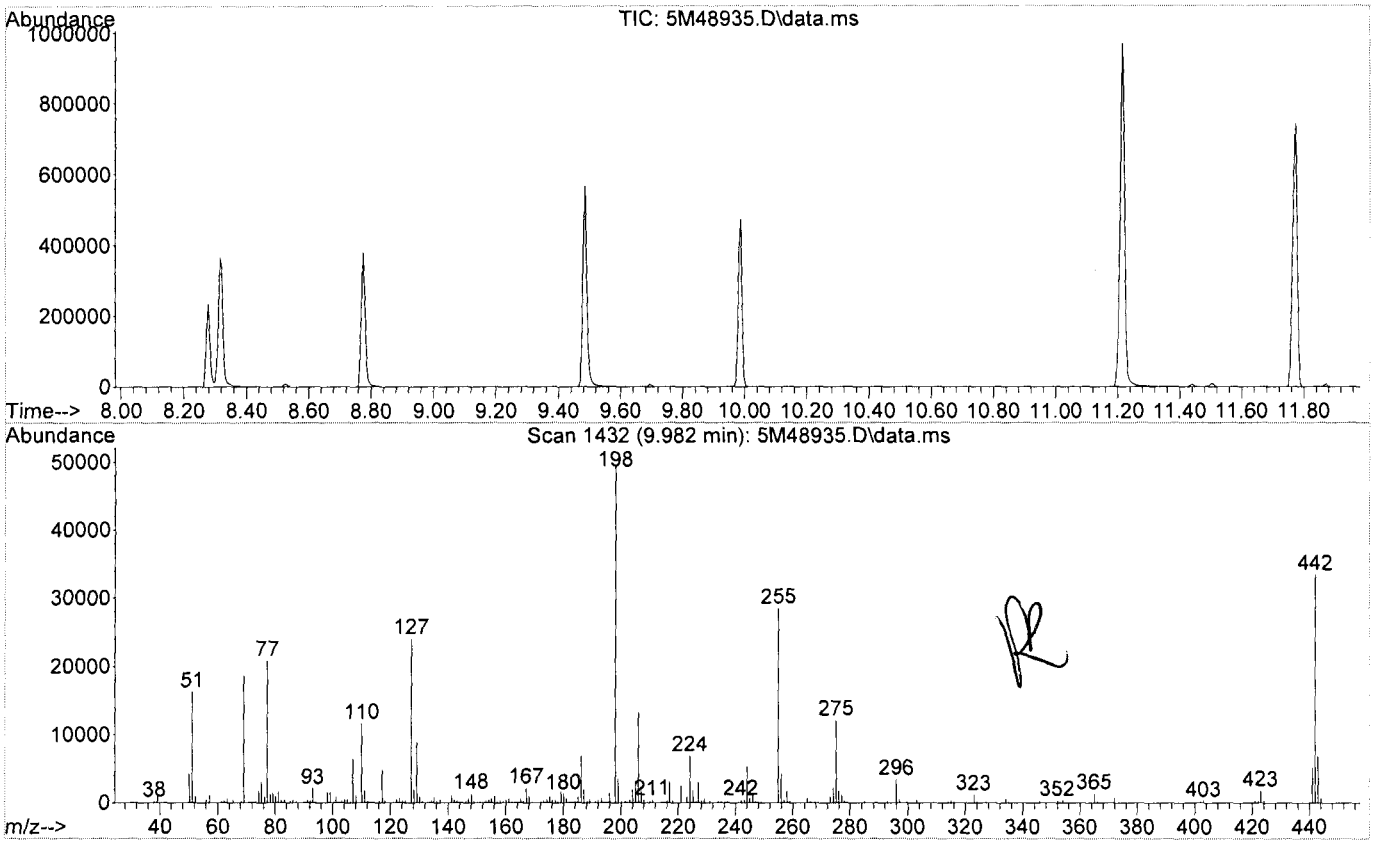
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	32.7	16255	PASS
68	69	0.00	2	1.5	275	PASS
69	198	0.00	100	37.6	18648	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.3	24000	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	49656	PASS
199	198	5	9	7.2	3569	PASS
275	198	10	30	24.4	12139	PASS
365	198	1	100	2.7	1331	PASS
441	443	0.01	100	76.1	5216	PASS
442	198	40	100	67.4	33480	PASS
443	442	17	23	20.5	6851	PASS

Data File	Sample Number	Analysis Date:
5M48936.D	CAL BNA@50PPM	02/19/09 09:54
5M48937.D	CAL BNA@196PP	02/19/09 10:17
5M48938.D	CAL BNA@160PP	02/19/09 10:52
5M48939.D	CAL BNA@120PP	02/19/09 11:15
5M48940.D	CAL BNA@80PPM	02/19/09 11:37
5M48941.D	CAL BNA@50PPM	02/19/09 11:59
5M48942.D	CAL BNA@20PPM	02/19/09 12:22
5M48943.D	CAL BNA@10PPM	02/19/09 12:45
5M48944.D	CAL BNA@2PPM	02/19/09 13:07
5M48945.D	CAL BNA@10PPM	02/19/09 13:57
5M48946.D	ICV BNA@50PPM	02/19/09 14:20
5M48947.D	WMB4050	02/19/09 14:43
5M48948.D	WMB4050(MS)	02/19/09 15:05
5M48949.D	SMB4045(MS)	02/19/09 15:28
5M48950.D	SMB4045	02/19/09 15:50
5M48951.D	AC42730-008	02/19/09 16:13
5M48952.D	AC42730-008(MS)	02/19/09 16:35
5M48953.D	AC42730-008(MSD	02/19/09 16:58
5M48954.D	AC42730-009	02/19/09 17:20
5M48955.D	AC42730-010	02/19/09 17:43
5M48956.D	AC42730-012	02/19/09 18:05
5M48957.D	AC42730-003	02/19/09 18:27
5M48958.D	AC42730-004	02/19/09 18:50
5M48959.D	AC42730-005	02/19/09 19:12
5M48960.D	AC42730-006	02/19/09 19:34
5M48961.D	AC42680-001(T)	02/19/09 19:57
5M48962.D	AC42724-001(T)	02/19/09 20:19
5M48963.D	AC42750-009(R)	02/19/09 20:41
5M48964.D	AC42756-002	02/19/09 21:03
5M48965.D	AC42756-003	02/19/09 21:25
5M48966.D	AC42756-004	02/19/09 21:48
5M48967.D	AC42756-005	02/19/09 22:10
5M48968.D	AC42756-006	02/19/09 22:32
5M48969.D	AC42733-001	02/19/09 22:54
5M48970.D	AC42733-002	02/19/09 23:16
5M48971.D	AC42734-001	02/19/09 23:38
5M48972.D	AC42734-002	02/20/09 00:00
5M48973.D	AC42760-001	02/20/09 00:23
5M48974.D	AC42760-002	02/20/09 00:45
5M48975.D	AC42762-001	02/20/09 01:07
5M48976.D	AC42762-002	02/20/09 01:29

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Data File : 5M48935.D
Acq On : 19 Feb 2009 9:21
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0218.M
Title : @GCMS_5,mg,625,8270
Last Update : Wed Feb 18 13:17:31 2009



Spectrum Information: Scan 1432

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	32.7	16255	PASS
68	69	0.00	2	1.5	275	PASS
69	198	0.00	100	37.6	18648	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.3	24000	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	49656	PASS
199	198	5	9	7.2	3569	PASS
275	198	10	30	24.4	12139	PASS
365	198	1	100	2.7	1331	PASS
441	443	0.01	100	76.1	5216	PASS
442	198	40	100	67.4	33480	PASS
443	442	17	23	20.5	6851	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 5
Data File: 5M49047.D
Analysis Date: 02/24/09 07:41
Method: EPA 625

Tune Scan/Time Range: Scan 1439

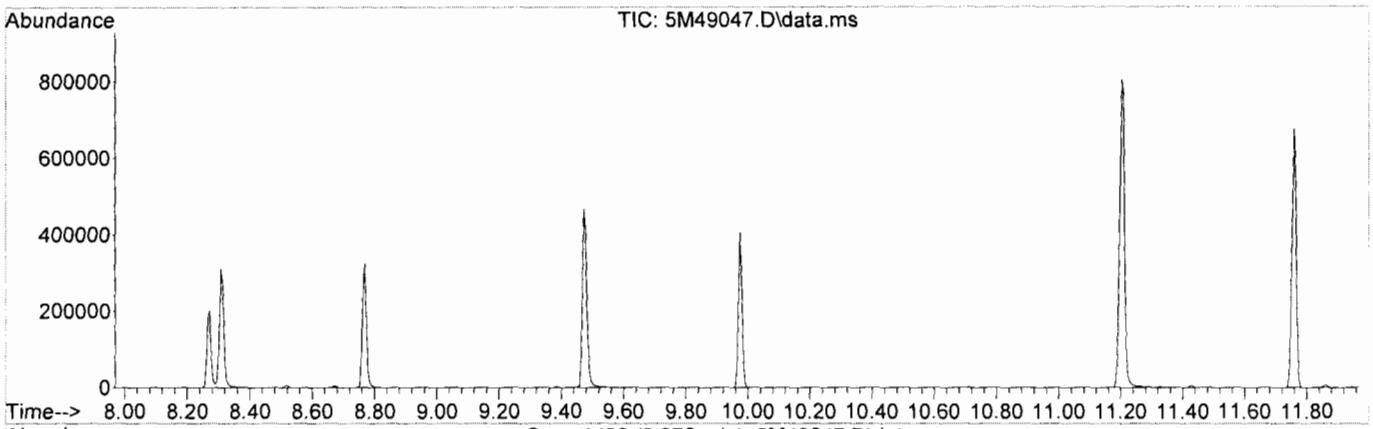
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	32.3	9431	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.0	11093	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	49.0	14297	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	29192	PASS
199	198	5	9	7.0	2039	PASS
275	198	10	30	24.9	7268	PASS
365	198	1	100	2.7	789	PASS
441	443	0.01	100	78.9	2852	PASS
442	198	40	100	62.2	18152	PASS
443	442	17	23	19.9	3613	PASS

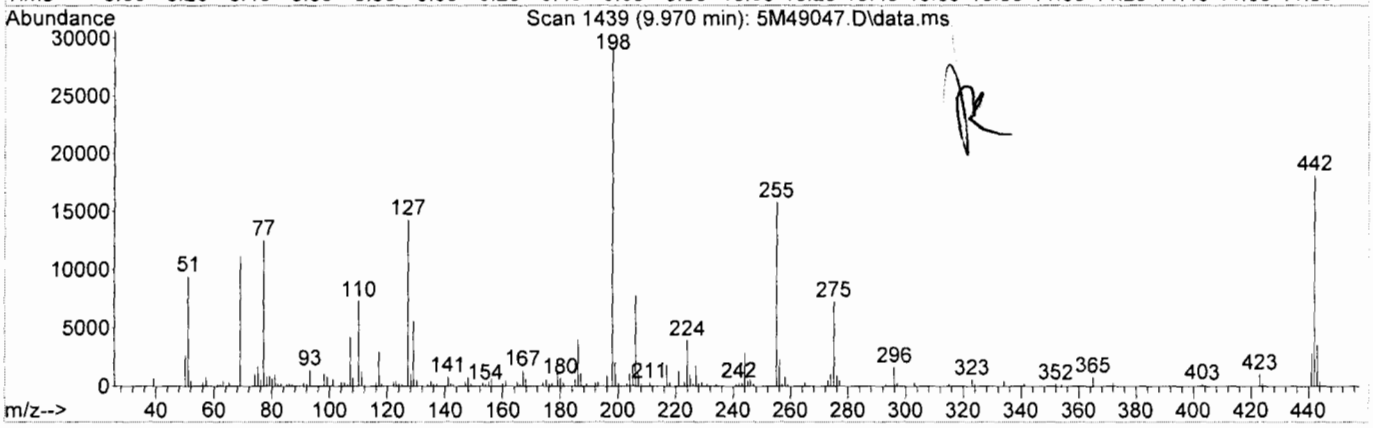
Data File	Sample Number	Analysis Date:
5M49048.D	CAL BNA@50PPM	02/24/09 08:11
5M49049.D	WMB4054	02/24/09 08:32
5M49050.D	WMB4054(MS)	02/24/09 08:54
5M49051.D	AC42796-001(30X)	02/24/09 09:16
5M49052.D	AC42849-001	02/24/09 09:38
5M49053.D	AC42849-002	02/24/09 10:00
5M49054.D	AC42849-003	02/24/09 10:22
5M49055.D	AC42849-003(MS)	02/24/09 10:44
5M49056.D	AC42849-003(MSD	02/24/09 11:06
5M49057.D	AC42849-004	02/24/09 11:28
5M49058.D	AC42849-005	02/24/09 11:50
5M49059.D	AC42817-001	02/24/09 12:12
5M49060.D	AC42817-002	02/24/09 12:34
5M49061.D	AC42817-001(10X)	02/24/09 12:56
5M49062.D	WMB4055(MS)	02/24/09 13:19
5M49063.D	WMB4055	02/24/09 13:41
5M49064.D	AC42833-007(T)	02/24/09 14:03
5M49065.D	AC42849-004	02/24/09 14:25
5M49066.D	AC42849-005	02/24/09 14:47
5M49067.D	AC42843-006	02/24/09 15:09
5M49068.D	AC42843-007	02/24/09 15:32
5M49069.D	AC42843-008	02/24/09 15:54
5M49070.D	AC42833-007(T)(M	02/24/09 16:16
5M49071.D	AC42833-007(T)(M	02/24/09 16:38
5M49072.D	AC42821-001	02/24/09 17:00
5M49073.D	AC42831-001	02/24/09 17:23
5M49074.D	AC42831-002	02/24/09 17:45
5M49075.D	AC42831-003	02/24/09 18:07
5M49076.D	AC42831-004	02/24/09 18:29
5M49077.D	AC42837-001	02/24/09 18:51
5M49078.D	AC42837-002	02/24/09 19:13
5M49079.D	AC42850-001	02/24/09 19:35
5M49080.D	AC42850-002	02/24/09 19:57
5M49081.D	AC42850-003	02/24/09 20:19
5M49082.D	AC42850-004	02/24/09 20:41
5M49083.D	AC42868-006	02/24/09 21:03
5M49084.D	AC42868-008	02/24/09 21:25
5M49085.D	AC42868-009	02/24/09 21:47
5M49086.D	AC42868-012	02/24/09 22:09
5M49087.D	AC42851-009	02/24/09 22:31
5M49088.D	AC42851-010	02/24/09 22:53
5M49089.D	AC42857-002	02/24/09 23:15
5M49090.D	AC42857-003	02/24/09 23:37
5M49091.D	AC42857-004	02/24/09 23:58
5M49092.D	AC42857-005	02/25/09 00:20
5M49093.D	AC42857-006	02/25/09 00:42
5M49094.D	AC42857-007	02/25/09 01:04

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49047.D
Acq On : 24 Feb 2009 7:41
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270
Last Update : Tue Feb 24 09:43:06 2009





Spectrum Information: Scan 1439

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	32.3	9431	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.0	11093	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	49.0	14297	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	29192	PASS
199	198	5	9	7.0	2039	PASS
275	198	10	30	24.9	7268	PASS
365	198	1	100	2.7	789	PASS
441	443	0.01	100	78.9	2852	PASS
442	198	40	100	62.2	18152	PASS
443	442	17	23	19.9	3613	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 10M03052.D
Instrument: GCMS 10 **Analysis Date:** 02/19/09 09:50
Method: EPA 8270C

Tune Scan/Time Range: Average of 9.702 to 9.707 min

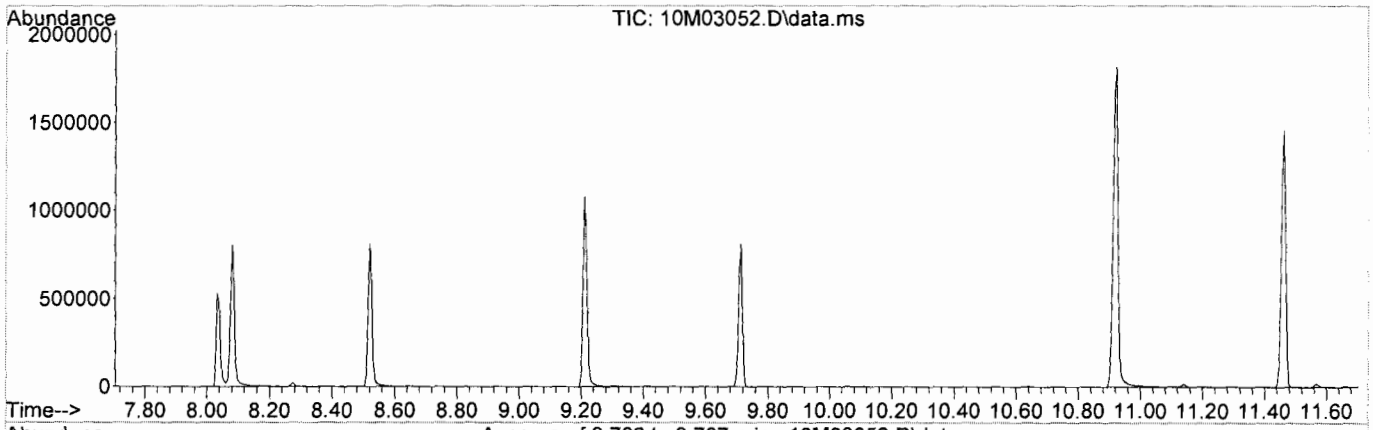
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	47.6	21135	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	54.9	24350	PASS
70	69	0.00	2	0.4	93	PASS
127	198	40	60	54.9	24344	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	44364	PASS
199	198	5	9	6.6	2949	PASS
275	198	10	30	28.3	12544	PASS
365	198	1	100	3.2	1442	PASS
441	443	0.01	100	65.9	3369	PASS
442	198	40	100	61.5	27300	PASS
443	442	17	23	18.7	5116	PASS

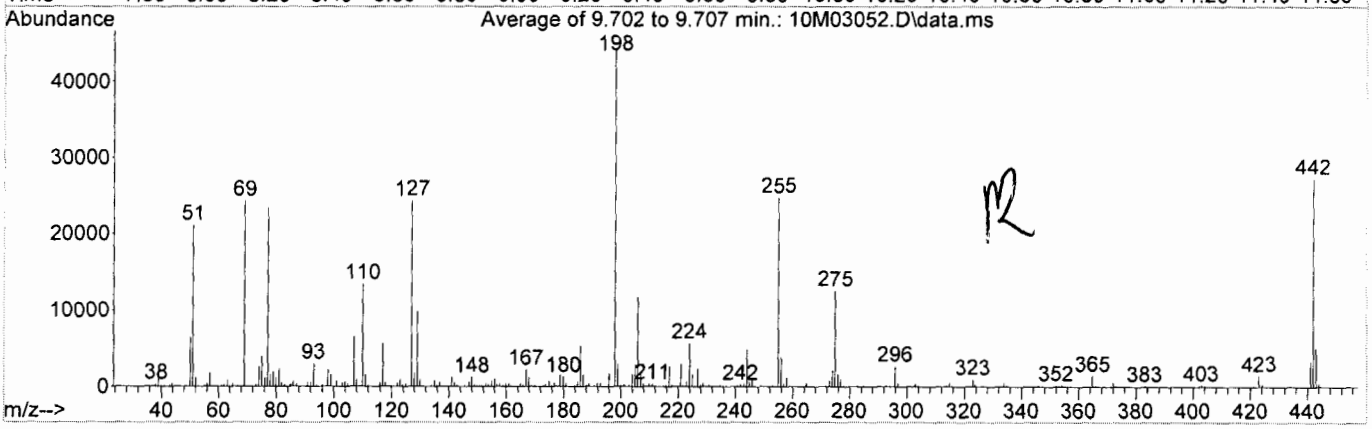
Data File	Sample Number	Analysis Date:
10M03053.D	CAL BNA@50PPM	02/19/09 10:12
10M03054.D	CAL BNA@196PP	02/19/09 10:36
10M03055.D	CAL BNA@160PP	02/19/09 10:58
10M03056.D	CAL BNA@120PP	02/19/09 11:33
10M03057.D	CAL BNA@80PPM	02/19/09 11:55
10M03058.D	CAL BNA@20PPM	02/19/09 12:18
10M03059.D	CAL BNA@10PPM	02/19/09 12:40
10M03060.D	CAL BNA@2PPM	02/19/09 13:02
10M03061.D	ICV BNA@50PPM	02/19/09 13:35

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-19-09\
Data File : 10M03052.D
Acq On : 19 Feb 2009 9:50
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270
Last Update : Thu Feb 19 15:07:00 2009





Spectrum Information: Average of 9.702 to 9.707 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	47.6	21135	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	54.9	24350	PASS
70	69	0.00	2	0.4	93	PASS
127	198	40	60	54.9	24344	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	44364	PASS
199	198	5	9	6.6	2949	PASS
275	198	10	30	28.3	12544	PASS
365	198	1	100	3.2	1442	PASS
441	443	0.01	100	65.9	3369	PASS
442	198	40	100	61.5	27300	PASS
443	442	17	23	18.7	5116	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 10M03160.D
Instrument: GCMS 10 **Analysis Date:** 02/24/09 10:42
Method: EPA 8270C

Tune Scan/Time Range: Average of 9.675 to 9.686 min

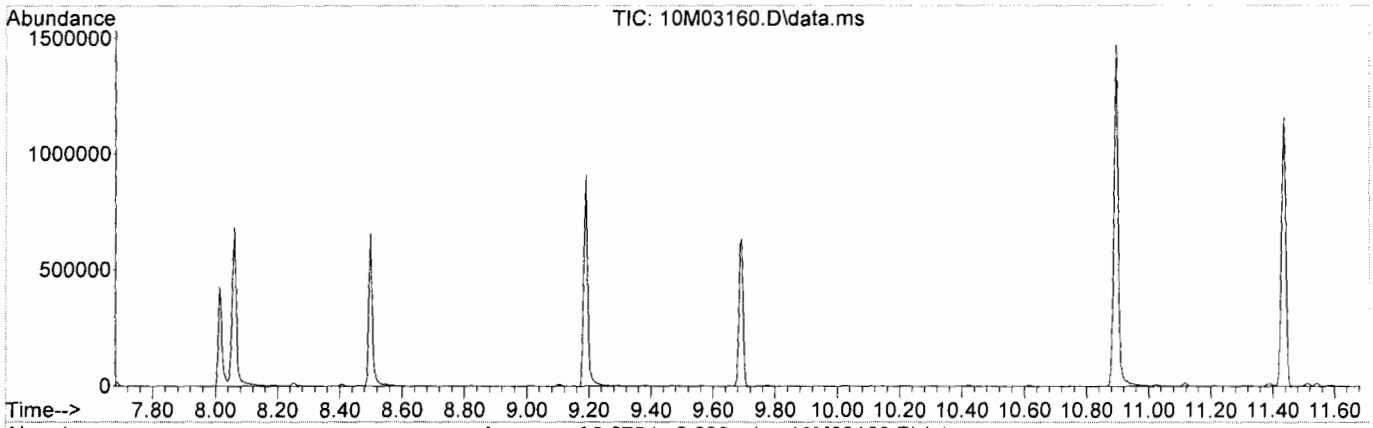
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	45.1	14484	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	55.2	17728	PASS
70	69	0.00	2	0.3	59	PASS
127	198	40	60	49.5	15897	PASS
197	198	0.00	1	0.5	158	PASS
198	198	100	100	100.0	32137	PASS
199	198	5	9	7.3	2340	PASS
275	198	10	30	28.8	9252	PASS
365	198	1	100	2.5	789	PASS
441	443	0.01	100	64.0	2684	PASS
442	198	40	100	60.9	19558	PASS
443	442	17	23	21.4	4191	PASS

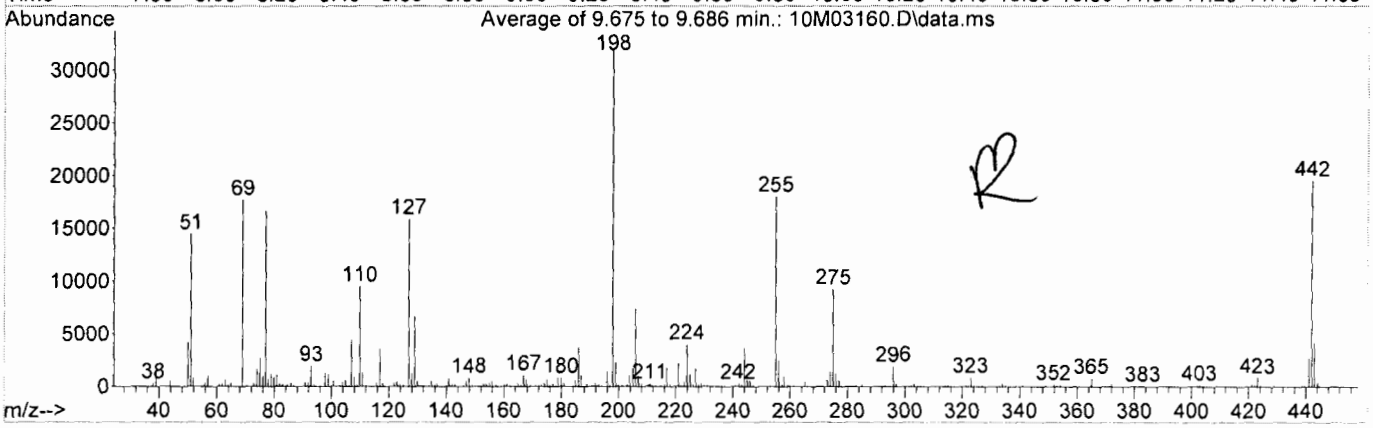
Data File	Sample Number	Analysis Date:
10M03161.D	CAL BNA@50PPM	02/24/09 11:04
10M03162.D	SMB4051	02/24/09 11:26
10M03163.D	AC42688-001(5X)	02/24/09 11:48
10M03164.D	AC42815-002(5X)	02/24/09 12:10
10M03165.D	AC42815-003	02/24/09 12:32
10M03166.D	SMB4052(MS)	02/24/09 12:54
10M03167.D	SMB4052	02/24/09 13:17
10M03168.D	AC42815-004	02/24/09 13:39
10M03169.D	AC42860-003	02/24/09 14:01
10M03170.D	AC42859-005	02/24/09 14:23
10M03171.D	AC42805-028(2X)	02/24/09 14:45
10M03172.D	AC42815-002(2X)	02/24/09 15:07
10M03173.D	AC42820-007	02/24/09 15:29
10M03174.D	AC42820-007(MS)	02/24/09 15:51
10M03175.D	AC42820-007(MSD	02/24/09 16:13
10M03176.D	AC42820-004	02/24/09 17:36
10M03177.D	AC42820-005	02/24/09 17:58
10M03178.D	AC42820-006	02/24/09 18:20
10M03179.D	AC42845-001	02/24/09 18:42
10M03180.D	AC42845-002	02/24/09 19:04
10M03181.D	AC42845-003	02/24/09 19:26
10M03182.D	AC42845-004	02/24/09 19:48
10M03183.D	AC42868-001	02/24/09 20:10
10M03184.D	AC42868-002	02/24/09 20:32
10M03185.D	AC42868-003	02/24/09 20:54
10M03186.D	AC42868-004	02/24/09 21:16
10M03187.D	AC42868-005	02/24/09 21:38

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03160.D
Acq On : 24 Feb 2009 10:42
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270
Last Update : Thu Feb 19 15:07:00 2009





Spectrum Information: Average of 9.675 to 9.686 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	45.1	14484	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	55.2	17728	PASS
70	69	0.00	2	0.3	59	PASS
127	198	40	60	49.5	15897	PASS
197	198	0.00	1	0.5	158	PASS
198	198	100	100	100.0	32137	PASS
199	198	5	9	7.3	2340	PASS
275	198	10	30	28.8	9252	PASS
365	198	1	100	2.5	789	PASS
441	443	0.01	100	64.0	2684	PASS
442	198	40	100	60.9	19558	PASS
443	442	17	23	21.4	4191	PASS

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB4055
Client Id:
Data File: 5M49063.D
Analysis Date: 02/24/09 13:41
Date Rec/Extracted: NA-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 109909

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: WMB4055
Client Id:
Data File: 5M49063.D
Analysis Date: 02/24/09 13:41
Date Rec/Extracted: NA-02/24/09

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 109909

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

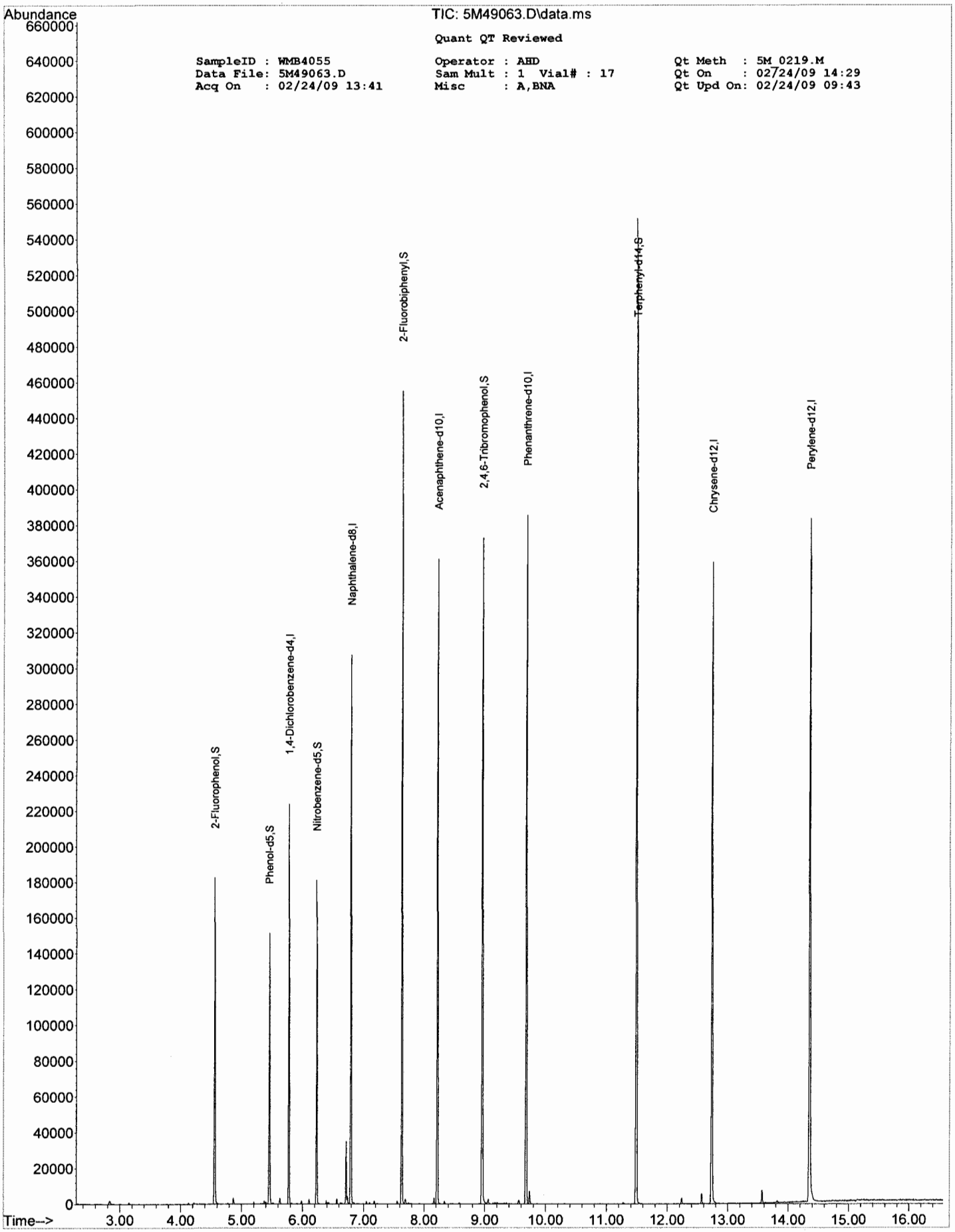
Quantitation Report (QT Reviewed)

SampleID : WMB4055 Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49063.D Sam Mult : 1 Vial# : 17 Qt On : 02/24/09 14:29
Acq On : 02/24/09 13:41 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.776	152	30846	40.00	ng	-0.02
23) Naphthalene-d8	6.791	136	122541	40.00	ng	-0.02
41) Acenaphthene-d10	8.223	164	79985	40.00	ng	-0.02
67) Phenanthrene-d10	9.681	188	144450	40.00	ng	-0.02
81) Chrysene-d12	12.731	240	163620	40.00	ng	-0.02
96) Perylene-d12	14.350	264	180740	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.558	112	52116	51.71	ng	-0.02
Spiked Amount 100.000			Recovery = 51.71%			
9) Phenol-d5	5.455	99	49328	38.16	ng	-0.02
Spiked Amount 100.000			Recovery = 38.16%			
24) Nitrobenzene-d5	6.230	128	24540	46.48	ng	-0.01
Spiked Amount 50.000			Recovery = 92.96%			
46) 2-Fluorobiphenyl	7.635	172	126244	45.71	ng	-0.01
Spiked Amount 50.000			Recovery = 91.42%			
70) 2,4,6-Tribromophenol	8.960	330	48516	111.81	ng	-0.02
Spiked Amount 100.000			Recovery = 111.81%			
84) Terphenyl-d14	11.492	244	224448	48.57	ng	-0.02
Spiked Amount 50.000			Recovery = 97.14%			
Target Compounds						Qvalue
Library Search Compounds						

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


Abundance
TIC: 5M49063.D\data.ms
Quant QT Reviewed
SampleID : WMB4055
Data File: 5M49063.D
Acq On : 02/24/09 13:41
Operator : AHD
Sam Mult : 1 Vial# : 17
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/24/09 14:29
Qt Upd On: 02/24/09 09:43
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49063.D
Acq On : 24 Feb 2009 13:41
Operator : AHD
Sample : WMB4055
Misc : A,BNA
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

Signal : TIC: 5M49063.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.314	3	6	7	rBB	407	244	0.04%	0.006%
2	2.325	7	8	11	rBB	358	229	0.04%	0.006%
3	2.357	12	14	15	rBB	165	53	0.01%	0.001%
4	2.383	17	19	20	rBB	177	109	0.02%	0.003%
5	2.421	24	26	27	rBB	333	209	0.04%	0.006%
6	2.432	27	28	32	rBB	312	330	0.06%	0.009%
7	2.458	32	33	34	rBB	194	62	0.01%	0.002%
8	2.592	57	58	59	rBB	160	51	0.01%	0.001%
9	2.603	59	60	61	rBB	181	58	0.01%	0.002%
10	2.832	99	103	109	rBB2	1838	2858	0.50%	0.076%
11	2.870	109	110	111	rBB2	161	52	0.01%	0.001%
12	3.147	160	162	166	rBB	898	752	0.13%	0.020%
13	4.136	344	347	349	rBB	812	638	0.11%	0.017%
14	4.221	361	363	366	rBB	627	542	0.10%	0.014%
15	4.259	367	370	371	rBB	169	103	0.02%	0.003%
16	4.494	410	414	415	rBB	212	230	0.04%	0.006%
17	4.558	422	426	439	rBB	182731	166186	29.21%	4.392%
18	4.633	439	440	441	rBB	167	54	0.01%	0.001%
19	4.782	465	468	470	rBB	580	486	0.09%	0.013%
20	4.868	482	484	487	rBB	3470	2557	0.45%	0.068%
21	5.204	545	547	549	rBB	1313	637	0.11%	0.017%
22	5.290	562	563	566	rBB	196	121	0.02%	0.003%
23	5.316	567	568	570	rBB	437	258	0.05%	0.007%
24	5.348	571	574	576	rBB	340	173	0.03%	0.005%
25	5.375	577	579	582	rBV	1732	1254	0.22%	0.033%
26	5.402	582	584	586	rVB	1310	783	0.14%	0.021%
27	5.455	590	594	601	rVV	151487	134295	23.61%	3.550%
28	5.514	603	605	606	rBV	707	424	0.07%	0.011%
29	5.632	624	627	630	rBB	3156	2818	0.50%	0.074%
30	5.776	651	654	658	rBV	223900	171144	30.08%	4.524%
31	5.829	661	664	666	rBB	575	459	0.08%	0.012%
32	5.899	675	677	678	rBB	201	117	0.02%	0.003%
33	5.915	678	680	682	rBB	498	357	0.06%	0.009%
34	5.984	691	693	695	rBB	1733	943	0.17%	0.025%
35	6.112	714	717	719	rBB	2619	2087	0.37%	0.055%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49063.D
Acq On : 24 Feb 2009 13:41
Operator : AHD
Sample : WMB4055
Misc : A,BNA
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

36	6.230	735	739	743	rBV	181162	142732	25.09%	3.773%
37	6.278	747	748	749	rBB	152	49	0.01%	0.001%
38	6.390	767	769	771	rBB	1961	1078	0.19%	0.028%
39	6.417	772	774	775	rBV	634	391	0.07%	0.010%
40	6.433	775	777	779	rVB	854	546	0.10%	0.014%
41	6.566	799	802	804	rBB	2774	1686	0.30%	0.045%
42	6.625	811	813	815	rBV	612	444	0.08%	0.012%
43	6.647	815	817	819	rVB	534	353	0.06%	0.009%
44	6.716	827	830	832	rBV	34408	23465	4.12%	0.620%
45	6.737	832	834	836	rVB	3870	2590	0.46%	0.068%
46	6.791	841	844	848	rVV	307234	243429	42.79%	6.434%
47	6.839	851	853	855	rVV	605	454	0.08%	0.012%
48	6.855	855	856	857	rVB	565	181	0.03%	0.005%
49	6.887	861	862	863	rBB	159	51	0.01%	0.001%
50	6.908	863	866	868	rBB	161	151	0.03%	0.004%
51	7.053	891	893	895	rBB	1389	840	0.15%	0.022%
52	7.106	901	903	905	rBB	610	495	0.09%	0.013%
53	7.181	914	917	920	rBB2	1680	1432	0.25%	0.038%
54	7.224	924	925	927	rBB2	381	188	0.03%	0.005%
55	7.560	985	988	991	rBB	1602	1361	0.24%	0.036%
56	7.635	998	1002	1006	rBV	455177	345786	60.78%	9.139%
57	7.662	1006	1007	1009	rVV	904	565	0.10%	0.015%
58	7.694	1009	1013	1017	rVV2	2710	2835	0.50%	0.075%
59	7.747	1020	1023	1025	rBB	678	501	0.09%	0.013%
60	7.923	1055	1056	1058	rBB	212	124	0.02%	0.003%
61	8.142	1095	1097	1099	rBB	294	213	0.04%	0.006%
62	8.169	1099	1102	1107	rBB	3245	2408	0.42%	0.064%
63	8.223	1107	1112	1116	rBV	361137	321267	56.47%	8.491%
64	8.260	1118	1119	1121	rBB	369	169	0.03%	0.004%
65	8.340	1132	1134	1136	rBB	1515	1017	0.18%	0.027%
66	8.442	1152	1153	1156	rBB	167	104	0.02%	0.003%
67	8.474	1157	1159	1160	rBB	267	170	0.03%	0.004%
68	8.580	1177	1179	1183	rBB	671	565	0.10%	0.015%
69	8.928	1241	1244	1246	rBB	207	183	0.03%	0.005%
70	8.960	1246	1250	1262	rBV	373018	337069	59.25%	8.909%
71	9.035	1262	1264	1266	rVV	570	538	0.09%	0.014%
72	9.061	1266	1269	1273	rVB	2705	2409	0.42%	0.064%
73	9.088	1273	1274	1275	rBB	195	62	0.01%	0.002%
74	9.141	1281	1284	1287	rBB	722	541	0.10%	0.014%
75	9.173	1288	1290	1293	rBB	644	673	0.12%	0.018%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49063.D
Acq On : 24 Feb 2009 13:41
Operator : AHD
Sample : WMB4055
Misc : A,BNA
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

76	9.211	1294	1297	1299	rBB	753	590	0.10%	0.016%
77	9.238	1299	1302	1303	rBB	357	219	0.04%	0.006%
78	9.280	1308	1310	1311	rBB	245	150	0.03%	0.004%
79	9.291	1311	1312	1313	rBB	162	52	0.01%	0.001%
80	9.328	1316	1319	1320	rBB	607	437	0.08%	0.012%
81	9.360	1323	1325	1328	rBB	586	513	0.09%	0.014%
82	9.409	1332	1334	1335	rBB	243	126	0.02%	0.003%
83	9.563	1358	1363	1366	rBB2	2128	2359	0.41%	0.062%
84	9.681	1380	1385	1390	rBV	385605	361123	63.48%	9.545%
85	9.740	1392	1396	1400	rVB	7115	6520	1.15%	0.172%
86	10.317	1502	1504	1505	rBB	242	136	0.02%	0.004%
87	11.278	1682	1684	1687	rBB	643	578	0.10%	0.015%
88	11.487	1719	1723	1728	rBV	551465	568905	100.00%	15.037%
89	11.577	1738	1740	1741	rVB	193	119	0.02%	0.003%
90	12.240	1860	1864	1867	rBB	3144	2930	0.52%	0.077%
91	12.288	1871	1873	1874	rBB	178	107	0.02%	0.003%
92	12.304	1875	1876	1879	rBB	153	97	0.02%	0.003%
93	12.325	1879	1880	1881	rBB	194	62	0.01%	0.002%
94	12.347	1883	1884	1885	rBB	158	51	0.01%	0.001%
95	12.357	1885	1886	1887	rBB	179	57	0.01%	0.002%
96	12.448	1901	1903	1904	rBB	218	120	0.02%	0.003%
97	12.539	1919	1920	1922	rBB	169	107	0.02%	0.003%
98	12.566	1922	1925	1928	rBB	5744	5397	0.95%	0.143%
99	12.593	1928	1930	1931	rBB	154	98	0.02%	0.003%
100	12.603	1931	1932	1933	rBB	197	63	0.01%	0.002%
101	12.614	1933	1934	1937	rBB	242	179	0.03%	0.005%
102	12.657	1938	1942	1943	rBB	249	184	0.03%	0.005%
103	12.694	1947	1949	1951	rVV	251	120	0.02%	0.003%
104	12.731	1951	1956	1975	rVB	359252	382695	67.27%	10.115%
105	12.838	1975	1976	1977	rBB	333	107	0.02%	0.003%
106	12.849	1977	1978	1980	rBV	257	189	0.03%	0.005%
107	12.870	1980	1982	1984	rVB	219	197	0.03%	0.005%
108	12.897	1984	1987	1988	rBV	219	238	0.04%	0.006%
109	12.908	1988	1989	1991	rBV	49	34	0.01%	0.001%
110	12.956	1997	1998	2003	rBV	250	428	0.08%	0.011%
111	12.988	2003	2004	2008	rVV	149	173	0.03%	0.005%
112	13.015	2008	2009	2011	rVV	110	56	0.01%	0.001%
113	13.031	2011	2012	2014	rVV	219	98	0.02%	0.003%
114	13.047	2014	2015	2016	rVV	62	28	0.00%	0.001%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49063.D
Acq On : 24 Feb 2009 13:41
Operator : AHD
Sample : WMB4055
Misc : A,BNA
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

115	13.095	2023	2024	2025	rVB	69	22	0.00%	0.001%
116	13.105	2025	2026	2028	rBV	89	67	0.01%	0.002%
117	13.137	2030	2032	2033	rVB	139	77	0.01%	0.002%
118	13.164	2035	2037	2040	rBV	136	135	0.02%	0.004%
119	13.207	2040	2045	2048	rVB	254	275	0.05%	0.007%
120	13.239	2048	2051	2053	rBV	117	111	0.02%	0.003%
121	13.266	2053	2056	2057	rBV	193	154	0.03%	0.004%
122	13.276	2057	2058	2059	rVB	206	66	0.01%	0.002%
123	13.303	2061	2063	2068	rBV	204	227	0.04%	0.006%
124	13.356	2070	2073	2075	rBV	156	132	0.02%	0.003%
125	13.399	2079	2081	2082	rBV	309	115	0.02%	0.003%
126	13.426	2082	2086	2089	rVB	211	201	0.04%	0.005%
127	13.447	2089	2090	2092	rBV	260	101	0.02%	0.003%
128	13.474	2092	2095	2096	rBV	151	122	0.02%	0.003%
129	13.485	2096	2097	2100	rBV	170	141	0.02%	0.004%
130	13.538	2103	2107	2110	rBV	316	285	0.05%	0.008%
131	13.565	2110	2112	2116	rVB2	7334	6485	1.14%	0.171%
132	13.597	2116	2118	2119	rBV	302	267	0.05%	0.007%
133	13.624	2121	2123	2124	rVB	321	199	0.03%	0.005%
134	13.661	2129	2130	2131	rVB	388	124	0.02%	0.003%
135	13.682	2131	2134	2136	rBV	132	139	0.02%	0.004%
136	13.698	2136	2137	2139	rBV	220	139	0.02%	0.004%
137	13.714	2139	2140	2142	rVB	252	89	0.02%	0.002%
138	13.746	2142	2146	2147	rVB	341	227	0.04%	0.006%
139	13.768	2147	2150	2151	rVB	440	301	0.05%	0.008%
140	13.795	2151	2155	2157	rBV	590	690	0.12%	0.018%
141	13.821	2157	2160	2163	rVB2	1256	1053	0.19%	0.028%
142	13.843	2163	2164	2165	rBV	414	174	0.03%	0.005%
143	13.869	2167	2169	2170	rVB	213	90	0.02%	0.002%
144	13.901	2173	2175	2176	rBV	186	126	0.02%	0.003%
145	13.939	2179	2182	2183	rBV2	416	411	0.07%	0.011%
146	13.965	2186	2187	2189	rBV	211	125	0.02%	0.003%
147	13.981	2189	2190	2192	rBV	271	145	0.03%	0.004%
148	13.998	2192	2193	2194	rBV	478	162	0.03%	0.004%
149	14.008	2194	2195	2197	rBV	222	161	0.03%	0.004%
150	14.024	2197	2198	2199	rVB	640	205	0.04%	0.005%
151	14.035	2199	2200	2203	rBV3	538	599	0.11%	0.016%
152	14.078	2207	2208	2209	rBV	469	194	0.03%	0.005%
153	14.094	2209	2211	2212	rBV	164	78	0.01%	0.002%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49063.D
Acq On : 24 Feb 2009 13:41
Operator : AHD
Sample : WMB4055
Misc : A,BNA
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

154	14.131	2217	2218	2219	rVB	349	112	0.02%	0.003%
155	14.147	2219	2221	2225	rBV2	366	387	0.07%	0.010%
156	14.174	2225	2226	2227	rVB	289	93	0.02%	0.002%
157	14.185	2227	2228	2231	rBV2	202	193	0.03%	0.005%
158	14.206	2231	2232	2233	rBV	246	112	0.02%	0.003%
159	14.222	2233	2235	2238	rVB3	286	209	0.04%	0.006%
160	14.243	2238	2239	2241	rBV2	655	276	0.05%	0.007%
161	14.259	2241	2242	2243	rVB	551	177	0.03%	0.005%
162	14.281	2243	2246	2247	rBV2	274	254	0.04%	0.007%
163	14.350	2253	2259	2274	rBV	382130	478635	84.13%	12.651%
164	14.510	2287	2289	2290	rBV	310	179	0.03%	0.005%
165	14.542	2293	2295	2297	rVB2	521	326	0.06%	0.009%
166	14.564	2297	2299	2300	rBV	246	155	0.03%	0.004%
167	14.580	2300	2302	2303	rBV2	249	182	0.03%	0.005%
168	14.612	2307	2308	2310	rBV	455	278	0.05%	0.007%
169	14.628	2310	2311	2313	rBV	391	224	0.04%	0.006%
170	14.649	2313	2315	2318	rVV2	354	186	0.03%	0.005%
171	14.671	2318	2319	2320	rVB	423	136	0.02%	0.004%
172	14.687	2320	2322	2324	rBV2	415	300	0.05%	0.008%
173	14.729	2329	2330	2331	rBV	400	142	0.02%	0.004%
174	14.783	2338	2340	2344	rVB2	562	428	0.08%	0.011%
175	14.836	2348	2350	2352	rBV2	285	182	0.03%	0.005%
176	14.852	2352	2353	2358	rVB2	538	504	0.09%	0.013%
177	14.890	2358	2360	2362	rBV2	331	260	0.05%	0.007%
178	14.906	2362	2363	2364	rVB	416	133	0.02%	0.004%
179	14.938	2367	2369	2371	rBV3	683	518	0.09%	0.014%
180	14.980	2375	2377	2379	rBV2	518	218	0.04%	0.006%
181	15.007	2379	2382	2383	rBV3	454	426	0.07%	0.011%
182	15.034	2385	2387	2388	rBV	848	508	0.09%	0.013%
183	15.082	2394	2396	2399	rBV2	365	425	0.07%	0.011%
184	15.125	2402	2404	2407	rBV	742	987	0.17%	0.026%
185	15.146	2407	2408	2410	rVV2	363	235	0.04%	0.006%
186	15.216	2419	2421	2423	rBV	508	506	0.09%	0.013%
187	15.253	2426	2428	2429	rVB	978	435	0.08%	0.011%
188	15.280	2431	2433	2436	rBV2	444	457	0.08%	0.012%
189	15.301	2436	2437	2440	rVB	692	506	0.09%	0.013%
190	15.354	2444	2447	2448	rBV	470	431	0.08%	0.011%
191	15.376	2448	2451	2452	rBV2	335	345	0.06%	0.009%
192	15.419	2457	2459	2460	rBV2	602	319	0.06%	0.008%

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49063.D
Acq On : 24 Feb 2009 13:41
Operator : AHD
Sample : WMB4055
Misc : A,BNA
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270

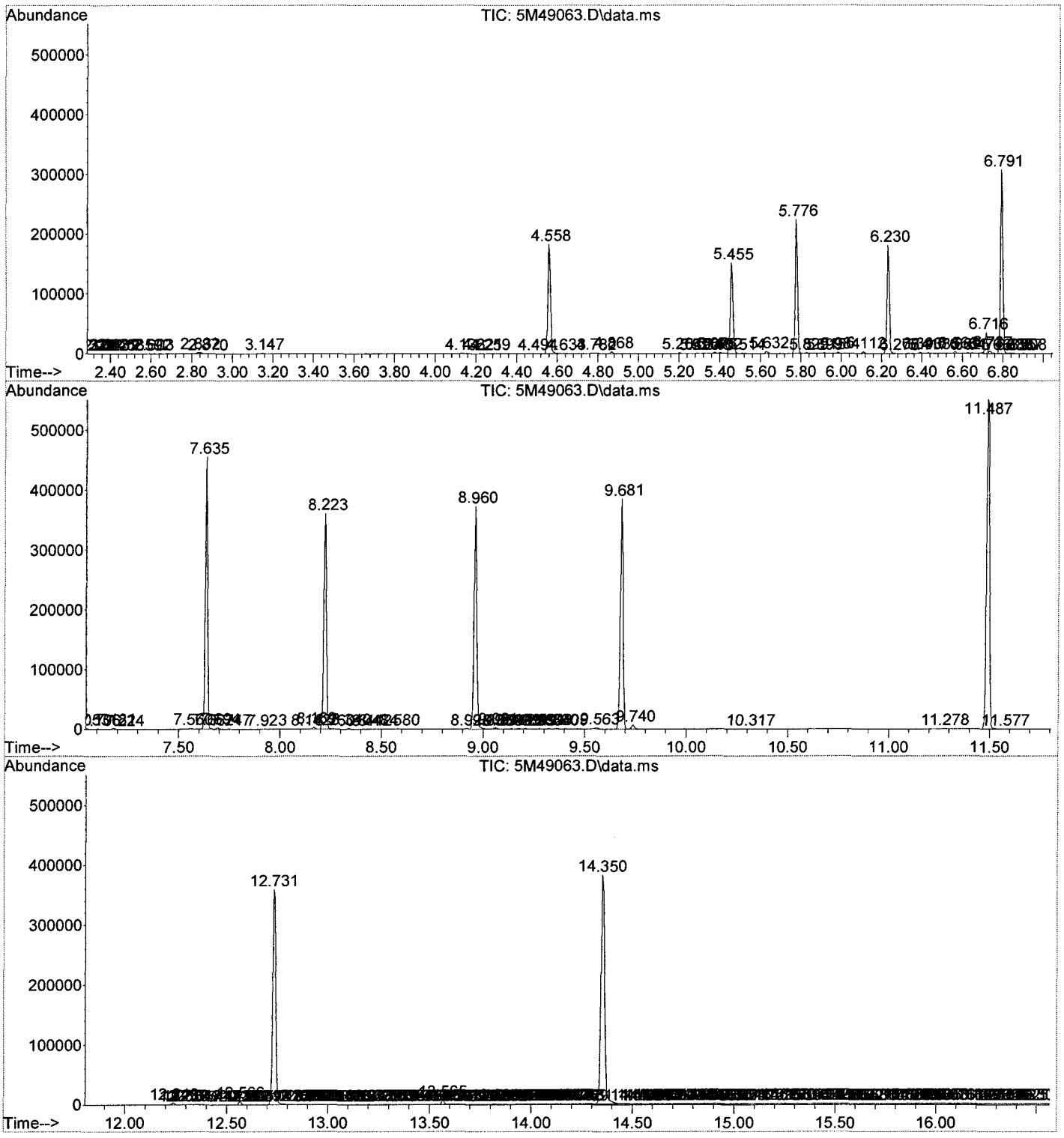
193	15.499	2471	2474	2475	rBV3	387	370	0.07%	0.010%
194	15.515	2475	2477	2478	rVB	574	260	0.05%	0.007%
195	15.557	2482	2485	2488	rBV2	582	682	0.12%	0.018%
196	15.584	2488	2490	2491	rVV2	367	172	0.03%	0.005%
197	15.622	2495	2497	2499	rBV2	265	206	0.04%	0.005%
198	15.638	2499	2500	2502	rBV	320	131	0.02%	0.003%
199	15.686	2508	2509	2512	rVB2	616	393	0.07%	0.010%
200	15.712	2512	2514	2515	rBV	491	274	0.05%	0.007%
201	15.744	2518	2520	2521	rBV	358	180	0.03%	0.005%
202	15.857	2540	2541	2544	rBV2	810	484	0.09%	0.013%
203	15.878	2544	2545	2547	rVB	528	300	0.05%	0.008%
204	15.899	2547	2549	2551	rBV2	682	690	0.12%	0.018%
205	15.931	2554	2555	2558	rVB2	487	321	0.06%	0.008%
206	15.953	2558	2559	2561	rVB2	813	444	0.08%	0.012%
207	15.974	2561	2563	2566	rBV3	760	556	0.10%	0.015%
208	16.006	2566	2569	2570	rBV	502	520	0.09%	0.014%
209	16.038	2573	2575	2579	rVB2	551	626	0.11%	0.017%
210	16.076	2579	2582	2583	rVB2	894	634	0.11%	0.017%
211	16.113	2583	2589	2590	rBV3	732	954	0.17%	0.025%
212	16.199	2602	2605	2607	rBV2	684	758	0.13%	0.020%
213	16.225	2607	2610	2611	rBV2	400	318	0.06%	0.008%
214	16.268	2617	2618	2621	rVB2	723	361	0.06%	0.010%
215	16.295	2621	2623	2624	rVV2	391	155	0.03%	0.004%
216	16.311	2624	2626	2629	rVB2	534	354	0.06%	0.009%
217	16.343	2629	2632	2633	rBV	441	459	0.08%	0.012%
218	16.359	2633	2635	2638	rVV3	494	338	0.06%	0.009%
219	16.402	2641	2643	2646	rVV3	650	443	0.08%	0.012%
220	16.423	2646	2647	2650	rVB2	499	283	0.05%	0.007%
221	16.508	2661	2663	2665	rBV3	381	284	0.05%	0.008%
222	16.524	2665	2666	2667	rBV	736	261	0.05%	0.007%

Sum of corrected areas: 3783434

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49063.D
Acq On : 24 Feb 2009 13:41
Operator : AHD
Sample : WMB4055
Misc : A,BNA
ALS Vial : 17 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Quant Title : @GCMS_5,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Data File : 5M49063.D
Acq On : 24 Feb 2009 13:41
Operator : AHD
Sample : WMB4055
Misc : A,BNA
ALS Vial : 17 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Quant Title : @GCMS_5,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB4052
Client Id:
Data File: 10M03167.D
Analysis Date: 02/24/09 13:17
Date Rec/Extracted: NA-02/24/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.067	U	191-24-2	Benzo[g,h,i]perylene	0.067	U
122-66-7	1,2-Diphenylhydrazine	0.067	U	207-08-9	Benzo[k]fluoranthene	0.067	U
95-95-4	2,4,5-Trichlorophenol	0.067	U	65-85-0	Benzoic Acid	0.33	U
88-06-2	2,4,6-Trichlorophenol	0.067	U	111-91-1	bis(2-Chloroethoxy)methan	0.067	U
120-83-2	2,4-Dichlorophenol	0.067	U	111-44-4	bis(2-Chloroethyl)ether	0.067	U
105-67-9	2,4-Dimethylphenol	0.067	U	108-60-1	bis(2-chloroisopropyl)ether	0.067	U
51-28-5	2,4-Dinitrophenol	0.33	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.067	U
121-14-2	2,4-Dinitrotoluene	0.067	U	85-68-7	Butylbenzylphthalate	0.067	U
606-20-2	2,6-Dinitrotoluene	0.067	U	86-74-8	Carbazole	0.067	U
91-58-7	2-Chloronaphthalene	0.067	U	218-01-9	Chrysene	0.067	U
95-57-8	2-Chlorophenol	0.067	U	53-70-3	Dibenzo[a,h]anthracene	0.067	U
91-57-6	2-Methylnaphthalene	0.067	U	132-64-9	Dibenzofuran	0.067	U
95-48-7	2-Methylphenol	0.067	U	84-66-2	Diethylphthalate	0.067	U
88-74-4	2-Nitroaniline	0.067	U	131-11-3	Dimethylphthalate	0.067	U
88-75-5	2-Nitrophenol	0.067	U	84-74-2	Di-n-butylphthalate	0.067	U
106-44-5	3&4-Methylphenol	0.067	U	117-84-0	Di-n-octylphthalate	0.067	U
91-94-1	3,3'-Dichlorobenzidine	0.067	U	206-44-0	Fluoranthene	0.067	U
99-09-2	3-Nitroaniline	0.067	U	86-73-7	Fluorene	0.067	U
534-52-1	4,6-Dinitro-2-methylphenol	0.33	U	118-74-1	Hexachlorobenzene	0.067	U
101-55-3	4-Bromophenyl-phenylether	0.067	U	87-68-3	Hexachlorobutadiene	0.067	U
59-50-7	4-Chloro-3-methylphenol	0.067	U	77-47-4	Hexachlorocyclopentadiene	0.067	U
106-47-8	4-Chloroaniline	0.067	U	67-72-1	Hexachloroethane	0.067	U
7005-72-3	4-Chlorophenyl-phenylether	0.067	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.067	U
100-01-6	4-Nitroaniline	0.067	U	78-59-1	Isophorone	0.067	U
100-02-7	4-Nitrophenol	0.067	U	91-20-3	Naphthalene	0.067	U
83-32-9	Acenaphthene	0.067	U	98-95-3	Nitrobenzene	0.067	U
208-96-8	Acenaphthylene	0.067	U	62-75-9	N-Nitrosodimethylamine	0.067	U
62-53-3	Aniline	0.067	U	621-64-7	N-Nitroso-di-n-propylamine	0.067	U
120-12-7	Anthracene	0.067	U	86-30-6	n-Nitrosodiphenylamine	0.067	U
92-87-5	Benzidine	0.33	U	87-86-5	Pentachlorophenol	0.33	U
56-55-3	Benzo[a]anthracene	0.067	U	85-01-8	Phenanthrene	0.067	U
50-32-8	Benzo[a]pyrene	0.067	U	108-95-2	Phenol	0.067	U
205-99-2	Benzo[b]fluoranthene	0.067	U	129-00-0	Pyrene	0.067	U

Worksheet #: 109913

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: SMB4052
Client Id:
Data File: 10M03167.D
Analysis Date: 02/24/09 13:17
Date Rec/Extracted: NA-02/24/09

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.70	0.46 J
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.04	68 JA
3		unknown	4.75	0.27 J

Worksheet #: 109913

Total Tentativelv Identified Concentration 69

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

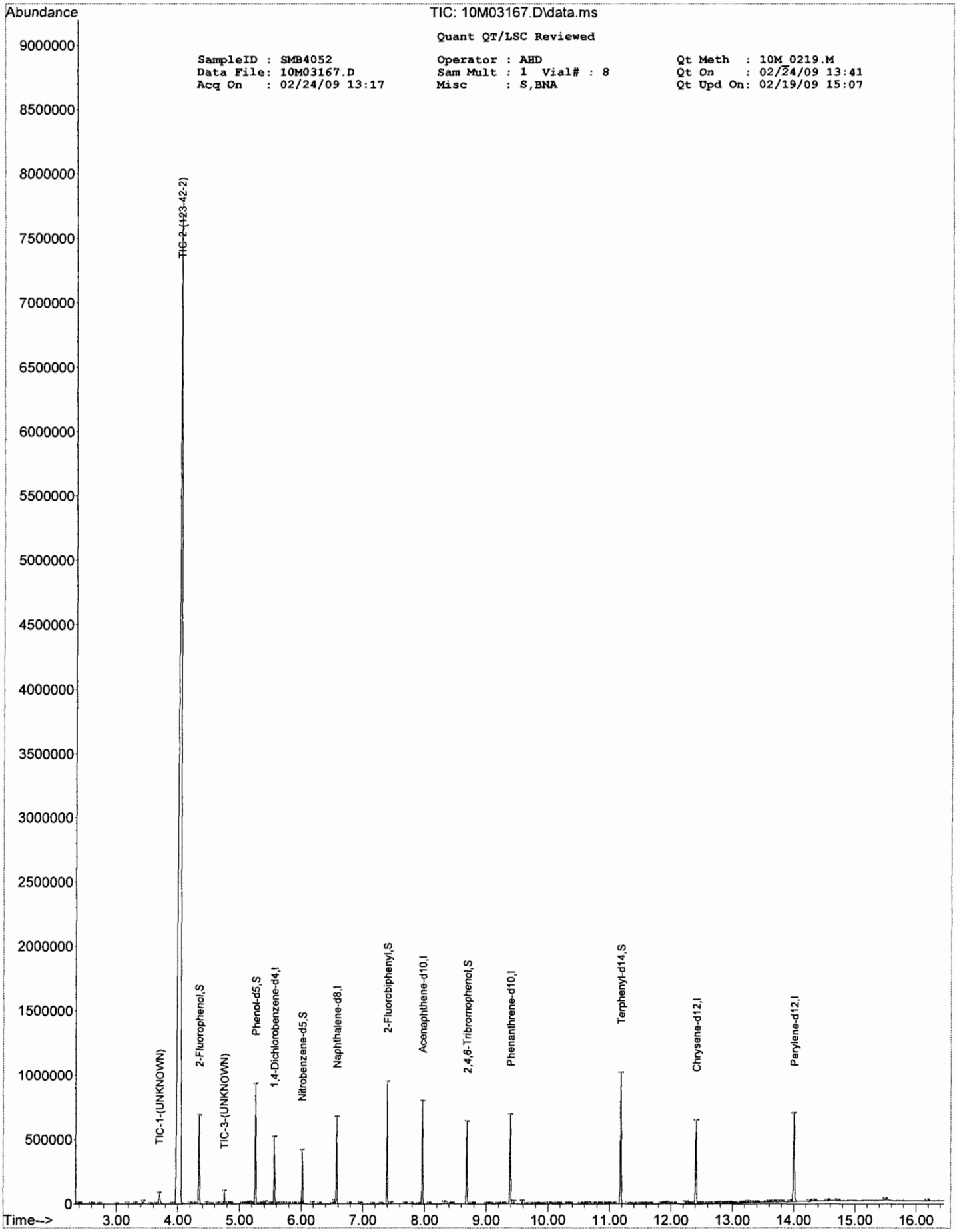
Quantitation Report (QT/LSC Reviewed)

SampleID : SMB4052 Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03167.D Sam Mult : 1 Vial# : 8 Qt On : 02/24/09 13:41
Acq On : 02/24/09 13:17 Misc : S,BNA Qt Upd On: 02/19/09 15:07

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	5.562	152	66634	40.00 ng	-0.02
23) Naphthalene-d8	6.573	136	253447	40.00 ng	-0.02
41) Acenaphthene-d10	7.964	164	153324	40.00 ng	-0.02
67) Phenanthrene-d10	9.392	188	262216	40.00 ng	-0.02
81) Chrysene-d12	12.408	240	272243	40.00 ng	-0.03
96) Perylene-d12	14.002	264	288997	40.00 ng	-0.03
System Monitoring Compounds					
4) 2-Fluorophenol	4.348	112	187906	102.05 ng	-0.02
Spiked Amount 100.000			Recovery = 102.05%		
9) Phenol-d5	5.257	99	253901	96.43 ng	-0.02
Spiked Amount 100.000			Recovery = 96.43%		
24) Nitrobenzene-d5	6.017	128	48037	46.17 ng	-0.03
Spiked Amount 50.000			Recovery = 92.34%		
46) 2-Fluorobiphenyl	7.397	172	247218	47.12 ng	-0.02
Spiked Amount 50.000			Recovery = 94.24%		
70) 2,4,6-Tribromophenol	8.686	330	85736	85.33 ng	-0.02
Spiked Amount 100.000			Recovery = 85.33%		
84) Terphenyl-d14	11.178	244	373251	49.34 ng	-0.03
Spiked Amount 50.000			Recovery = 98.68%		
Target Compounds					Qvalue
Library Search Compounds					
1) UNKNOWN	3.700		131537	13.65 ng	--
2) 123-42-2	4.040		19524800	2026.46 ng	56
3) UNKNOWN	4.750		78573	8.16 ng	--

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


Abundance
TIC: 10M03167.D\data.ms
Quant QT/LSC Reviewed
SampleID : SMB4052
Data File: 10M03167.D
Acq On : 02/24/09 13:17
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : S,BNA
Qt Meth : 10M_0219.M
Qt On : 02/24/09 13:41
Qt Upd On: 02/19/09 15:07
TIC-2-(123-42-2)
TIC-1-(UNKNOWN)
2-Fluorophenol,S
TIC-3-(UNKNOWN)
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03167.D
Acq On : 24 Feb 2009 13:17
Operator : AHD
Sample : SMB4052
Misc : S,BNA
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03167.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.390	7	10	12	rVB2	1614	1740	0.01%	0.006%
2	2.412	12	14	20	rBV4	1425	2669	0.01%	0.010%
3	2.594	47	48	52	rBV2	1510	1400	0.01%	0.005%
4	2.620	52	53	57	rVB2	1492	1084	0.01%	0.004%
5	2.733	72	74	79	rVB2	1634	1158	0.01%	0.004%
6	3.011	124	126	133	rVB3	1342	1633	0.01%	0.006%
7	3.177	152	157	163	rBV6	3052	4656	0.02%	0.017%
8	3.310	176	182	191	rBV3	3358	4849	0.02%	0.017%
9	3.433	200	205	215	rVB	17162	22008	0.11%	0.079%
10	3.556	222	228	231	rBV2	804	1465	0.01%	0.005%
11	3.647	239	245	249	rVB3	1421	1866	0.01%	0.007%
12	3.695	249	254	274	rBV	83565	131537	0.67%	0.472%
13	3.915	289	295	298	rBV2	1550	1761	0.01%	0.006%
14	4.043	300	319	338	rBV	7664079	19524779	100.00%	70.097%
15	4.198	344	348	351	rVB2	948	1408	0.01%	0.005%
16	4.268	357	361	369	rVB2	1647	2536	0.01%	0.009%
17	4.348	369	376	388	rBV	682526	644180	3.30%	2.313%
18	4.471	394	399	407	rVB2	8341	9655	0.05%	0.035%
19	4.541	407	412	413	rBV2	813	1158	0.01%	0.004%
20	4.653	430	433	439	rVB3	5657	5627	0.03%	0.020%
21	4.717	439	445	449	rBV	5619	5718	0.03%	0.021%
22	4.755	449	452	460	rVV	96743	78573	0.40%	0.282%
23	4.819	460	464	469	rVV	5588	5004	0.03%	0.018%
24	4.856	469	471	475	rVB	2698	2269	0.01%	0.008%
25	5.049	503	507	513	rVB	2013	2190	0.01%	0.008%
26	5.102	513	517	519	rBV3	2160	2305	0.01%	0.008%
27	5.134	519	523	525	rVB	4236	3370	0.02%	0.012%
28	5.161	525	528	531	rBV	10307	7923	0.04%	0.028%
29	5.188	531	533	536	rVB	3994	3016	0.02%	0.011%
30	5.257	536	546	552	rBV	925715	718978	3.68%	2.581%
31	5.332	558	560	567	rVV6	2031	2833	0.01%	0.010%
32	5.375	567	568	572	rVV2	1409	1086	0.01%	0.004%
33	5.418	572	576	582	rVB2	14196	17110	0.09%	0.061%
34	5.509	587	593	598	rVB4	2891	3791	0.02%	0.014%
35	5.562	598	603	610	rBV	516334	385397	1.97%	1.384%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03167.D
Acq On : 24 Feb 2009 13:17
Operator : AHD
Sample : SMB4052
Misc : S,BNA
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

36	5.610	610	612	618	rVB3	2894	3682	0.02%	0.013%
37	5.707	623	630	636	rVB3	4217	6035	0.03%	0.022%
38	5.792	641	646	649	rBV2	1203	1195	0.01%	0.004%
39	5.888	660	664	668	rVB2	835	1257	0.01%	0.005%
40	5.985	675	682	683	rBV2	760	1411	0.01%	0.005%
41	6.017	683	688	699	rBV	412739	314515	1.61%	1.129%
42	6.183	714	719	723	rVB2	9330	6990	0.04%	0.025%
43	6.300	737	741	746	rBV2	2861	2777	0.01%	0.010%
44	6.509	776	780	782	rBV2	1311	1400	0.01%	0.005%
45	6.541	782	786	789	rVV	23262	17178	0.09%	0.062%
46	6.573	789	792	804	rVB	669789	525785	2.69%	1.888%
47	6.787	828	832	838	rVB2	924	1805	0.01%	0.006%
48	6.964	861	865	868	rVB2	3941	2863	0.01%	0.010%
49	7.161	898	902	909	rVB	1008	1754	0.01%	0.006%
50	7.295	920	927	930	rBV4	927	1660	0.01%	0.006%
51	7.397	941	946	953	rBV	943955	690606	3.54%	2.479%
52	7.456	953	957	966	rVB3	7138	10290	0.05%	0.037%
53	7.686	996	1000	1003	rBV2	2076	1740	0.01%	0.006%
54	7.793	1014	1020	1026	rVB2	1360	2479	0.01%	0.009%
55	7.900	1035	1040	1042	rBV3	1050	1049	0.01%	0.004%
56	7.964	1045	1052	1063	rBV	791655	651960	3.34%	2.341%
57	8.081	1072	1074	1079	rVB3	2587	2567	0.01%	0.009%
58	8.322	1115	1119	1126	rVB	11568	10099	0.05%	0.036%
59	8.402	1129	1134	1138	rBV2	947	1227	0.01%	0.004%
60	8.450	1138	1143	1146	rVB2	2839	2541	0.01%	0.009%
61	8.686	1181	1187	1198	rBV	634901	585440	3.00%	2.102%
62	8.766	1198	1202	1206	rVV3	3899	5128	0.03%	0.018%
63	8.798	1206	1208	1219	rVB5	2569	4739	0.02%	0.017%
64	9.012	1244	1248	1250	rBV3	2010	1865	0.01%	0.007%
65	9.039	1250	1253	1256	rVB2	3610	3202	0.02%	0.011%
66	9.087	1256	1262	1263	rBV	876	1306	0.01%	0.005%
67	9.189	1276	1281	1286	rBV2	985	1665	0.01%	0.006%
68	9.263	1289	1295	1298	rBV3	2573	3142	0.02%	0.011%
69	9.301	1298	1302	1309	rVB3	1661	2764	0.01%	0.010%
70	9.392	1309	1319	1326	rBV	688952	694096	3.55%	2.492%
71	9.451	1326	1330	1339	rVB	16300	18241	0.09%	0.065%
72	9.584	1350	1355	1361	rBV	21383	18210	0.09%	0.065%
73	9.654	1361	1368	1370	rBV3	1146	1468	0.01%	0.005%
74	9.729	1378	1382	1388	rVB3	1960	2851	0.01%	0.010%
75	9.782	1388	1392	1395	rBV4	1060	1167	0.01%	0.004%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03167.D
Acq On : 24 Feb 2009 13:17
Operator : AHD
Sample : SMB4052
Misc : S,BNA
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

76	9.830	1397	1401	1408	rVB3	2385	3500	0.02%	0.013%
77	9.905	1408	1415	1416	rBV2	1053	1186	0.01%	0.004%
78	9.927	1416	1419	1424	rVB3	709	1217	0.01%	0.004%
79	10.023	1429	1437	1441	rBV	3597	4412	0.02%	0.016%
80	10.071	1442	1446	1448	rVB	815	1035	0.01%	0.004%
81	10.151	1458	1461	1464	rBV	1064	1130	0.01%	0.004%
82	10.189	1464	1468	1472	rBV2	2229	2323	0.01%	0.008%
83	10.328	1490	1494	1497	rVB3	1429	1536	0.01%	0.006%
84	10.360	1497	1500	1505	rBV	1125	1503	0.01%	0.005%
85	10.536	1529	1533	1539	rVB2	1787	3220	0.02%	0.012%
86	10.590	1539	1543	1545	rBV3	2858	3313	0.02%	0.012%
87	10.649	1549	1554	1560	rVB4	6866	9609	0.05%	0.034%
88	10.729	1566	1569	1572	rVB2	1285	1251	0.01%	0.004%
89	10.820	1580	1586	1590	rBV2	3970	4277	0.02%	0.015%
90	10.857	1590	1593	1599	rVB2	1180	1491	0.01%	0.005%
91	10.959	1604	1612	1615	rBV5	2102	3758	0.02%	0.013%
92	10.986	1615	1617	1624	rVB3	2486	2389	0.01%	0.009%
93	11.055	1624	1630	1631	rBV2	1774	2514	0.01%	0.009%
94	11.077	1631	1634	1639	rVB3	2244	2662	0.01%	0.010%
95	11.178	1643	1653	1670	rBV	1011896	968645	4.96%	3.478%
96	11.307	1676	1677	1683	rVB3	1095	1412	0.01%	0.005%
97	11.349	1683	1685	1688	rBV2	1838	1297	0.01%	0.005%
98	11.408	1694	1696	1703	rVB5	905	1026	0.01%	0.004%
99	11.510	1708	1715	1718	rVV5	3012	3285	0.02%	0.012%
100	11.542	1718	1721	1723	rVB2	1390	1360	0.01%	0.005%
101	11.574	1723	1727	1728	rBV3	856	964	0.00%	0.003%
102	11.644	1734	1740	1741	rBV3	1205	1658	0.01%	0.006%
103	11.670	1742	1745	1750	rVB4	731	1279	0.01%	0.005%
104	11.847	1775	1778	1780	rBV3	1947	1620	0.01%	0.006%
105	11.879	1780	1784	1787	rVV5	2113	1719	0.01%	0.006%
106	11.922	1788	1792	1795	rVB4	8286	9171	0.05%	0.033%
107	11.975	1800	1802	1805	rBV2	1803	2143	0.01%	0.008%
108	12.055	1814	1817	1821	rBV2	1091	1468	0.01%	0.005%
109	12.243	1848	1852	1856	rBV	12719	11878	0.06%	0.043%
110	12.291	1858	1861	1864	rBV4	1622	1821	0.01%	0.007%
111	12.328	1864	1868	1871	rVB4	2384	2556	0.01%	0.009%
112	12.408	1874	1883	1892	rBV	641273	656316	3.36%	2.356%
113	12.467	1892	1894	1899	rVB2	5494	5375	0.03%	0.019%
114	12.499	1899	1900	1904	rBV3	1497	1481	0.01%	0.005%

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03167.D
Acq On : 24 Feb 2009 13:17
Operator : AHD
Sample : SMB4052
Misc : S,BNA
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Title : @GCMS_10,mg,625,8270

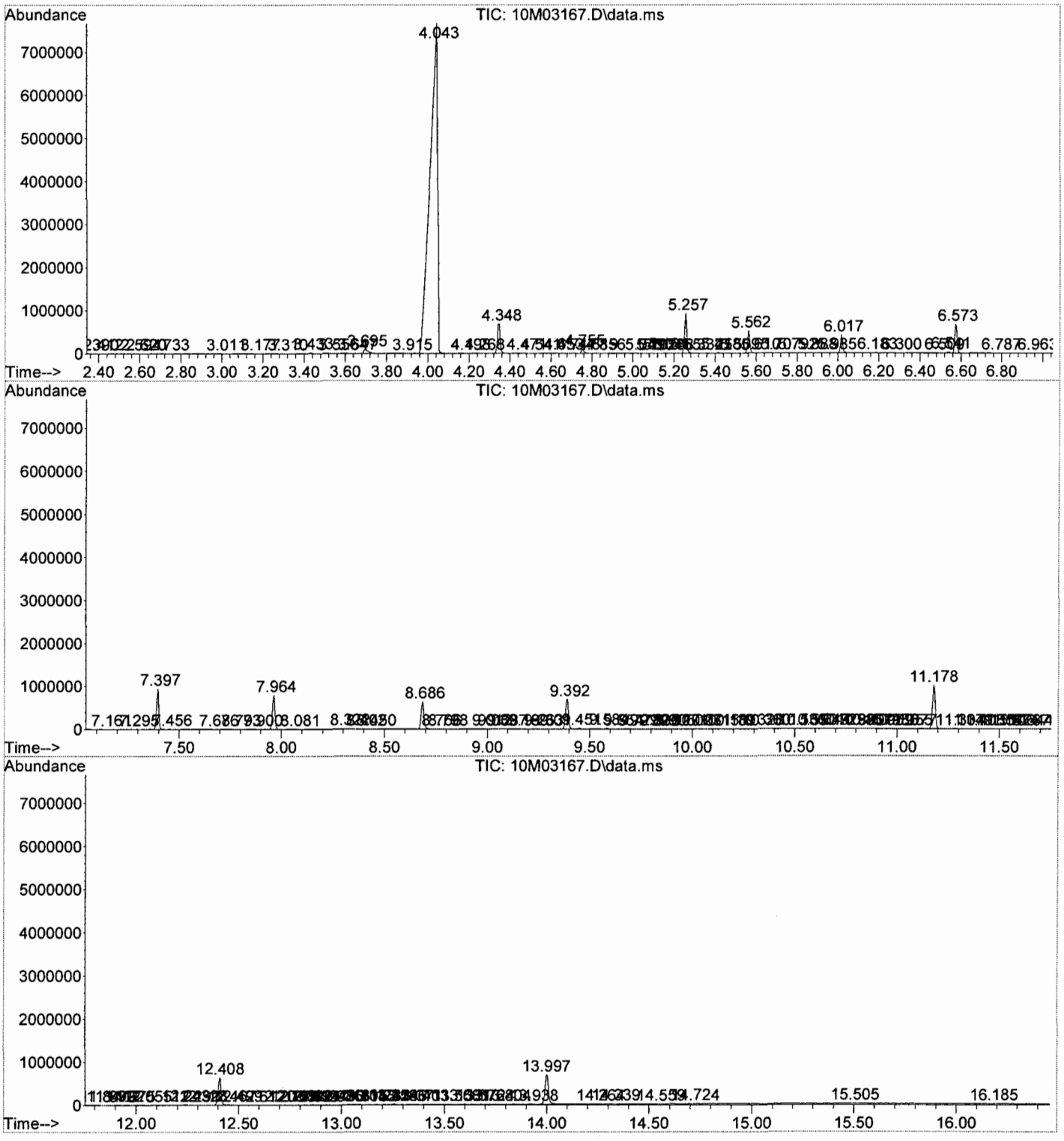
115	12.612	1920	1921	1924	rBV3	1539	1490	0.01%	0.005%
116	12.703	1935	1938	1941	rBV5	1597	2077	0.01%	0.007%
117	12.761	1945	1949	1951	rBV4	1765	1563	0.01%	0.006%
118	12.777	1951	1952	1957	rVB3	1569	1571	0.01%	0.006%
119	12.842	1961	1964	1966	rBV4	2136	1223	0.01%	0.004%
120	12.874	1969	1970	1975	rBV4	1938	1097	0.01%	0.004%
121	12.917	1975	1978	1980	rVB4	1711	1406	0.01%	0.005%
122	12.949	1981	1984	1985	rVB2	1944	1425	0.01%	0.005%
123	12.986	1989	1991	1996	rBV5	3768	4600	0.02%	0.017%
124	13.018	1996	1997	1999	rBV2	1706	1307	0.01%	0.005%
125	13.104	2012	2013	2015	rVB2	1807	1029	0.01%	0.004%
126	13.152	2015	2022	2024	rBV7	3900	6885	0.04%	0.025%
127	13.173	2024	2026	2029	rVV4	3733	3792	0.02%	0.014%
128	13.211	2029	2033	2036	rVB5	3763	4881	0.02%	0.018%
129	13.254	2038	2041	2046	rVV4	8193	8282	0.04%	0.030%
130	13.296	2046	2049	2052	rVB4	2215	1628	0.01%	0.006%
131	13.371	2060	2063	2067	rBV6	2338	3118	0.02%	0.011%
132	13.403	2067	2069	2071	rBV3	2200	1817	0.01%	0.007%
133	13.558	2094	2098	2101	rBV5	1982	2882	0.01%	0.010%
134	13.601	2103	2106	2110	rBV4	4785	6262	0.03%	0.022%
135	13.676	2117	2120	2123	rBV5	3795	2878	0.01%	0.010%
136	13.724	2126	2129	2132	rVB5	4071	3474	0.02%	0.012%
137	13.804	2143	2144	2146	rBV2	2933	2228	0.01%	0.008%
138	13.938	2167	2169	2173	rBV4	3900	4148	0.02%	0.015%
139	13.997	2173	2180	2191	rBV	678701	808984	4.14%	2.904%
140	14.264	2227	2230	2233	rBV5	5270	7474	0.04%	0.027%
141	14.339	2242	2244	2245	rBV2	4407	2419	0.01%	0.009%
142	14.559	2282	2285	2289	rBV5	3134	4378	0.02%	0.016%
143	14.724	2313	2316	2317	rVB3	3445	2191	0.01%	0.008%
144	15.505	2459	2462	2466	rVB6	7165	5877	0.03%	0.021%
145	16.185	2586	2589	2591	rBV4	5855	6065	0.03%	0.022%

Sum of corrected areas: 27854132

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03167.D
Acq On : 24 Feb 2009 13:17
Operator : AHD
Sample : SMB4052
Misc : S,BNA
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03167.D
Acq On : 24 Feb 2009 13:17
Operator : AHD
Sample : SMB4052
Misc : S,BNA
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

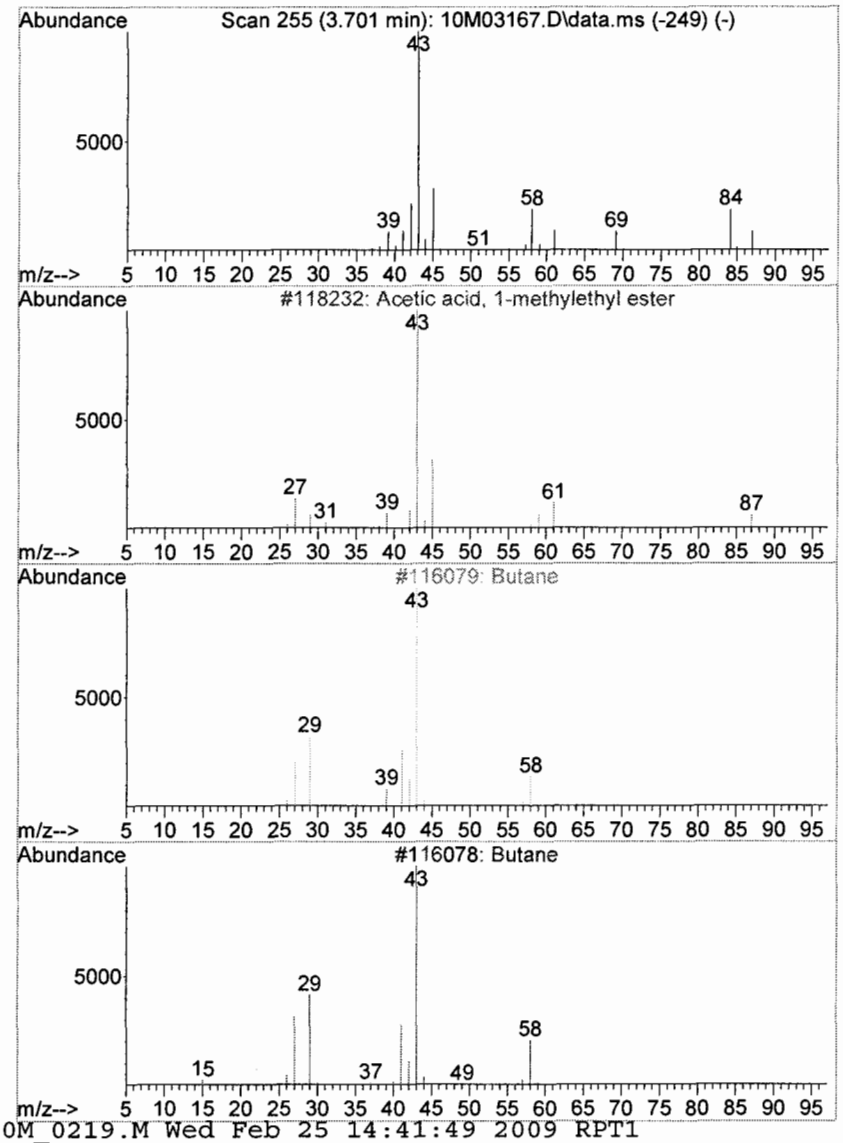
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

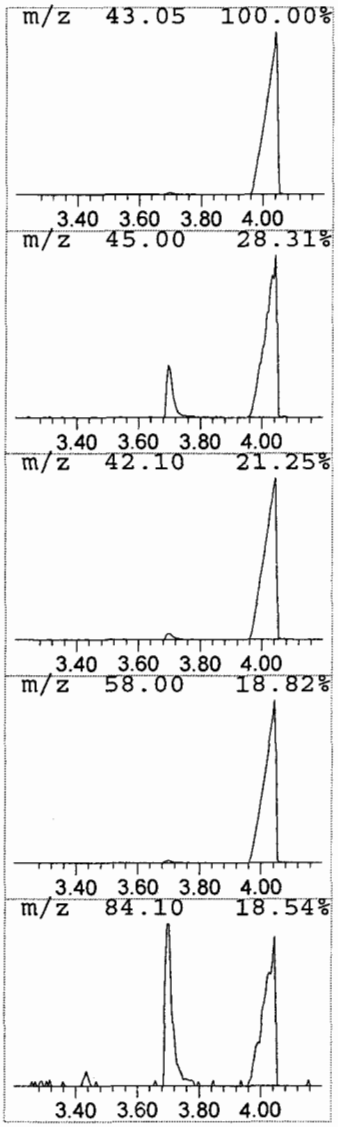
****

Peak Number 1 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	13.65 ng	131537	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	32
2	Butane	58	C4H10	000106-97-8	27
3	Butane	58	C4H10	000106-97-8	16
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	9
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03167.D
Acq On : 24 Feb 2009 13:17
Operator : AHD
Sample : SMB4052
Misc : S,BNA
ALS Vial : 8 Sample Multiplier: 1

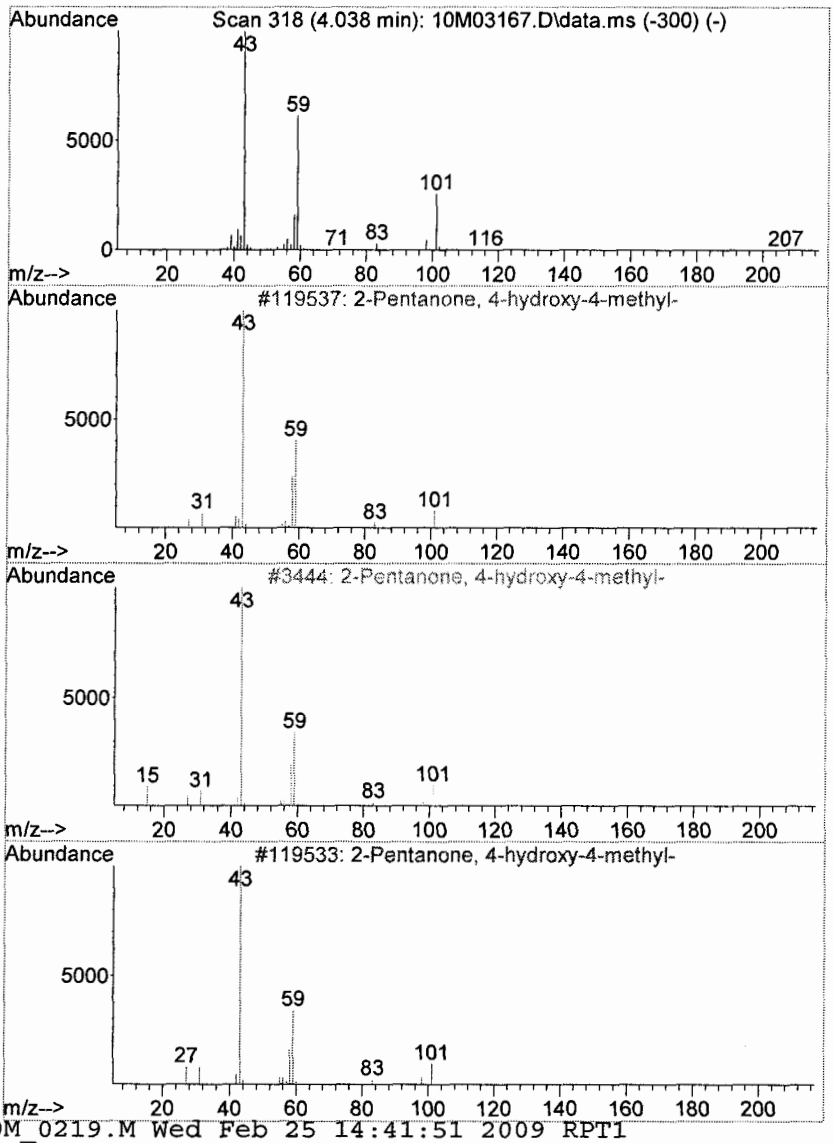
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

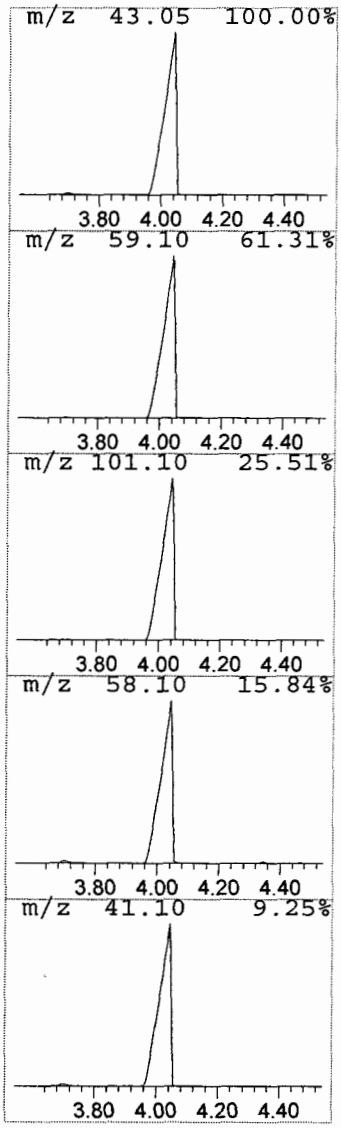
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.04	2026.46 ng	19524800	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40





Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03167.D
Acq On : 24 Feb 2009 13:17
Operator : AHD
Sample : SMB4052
Misc : S,BNA
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

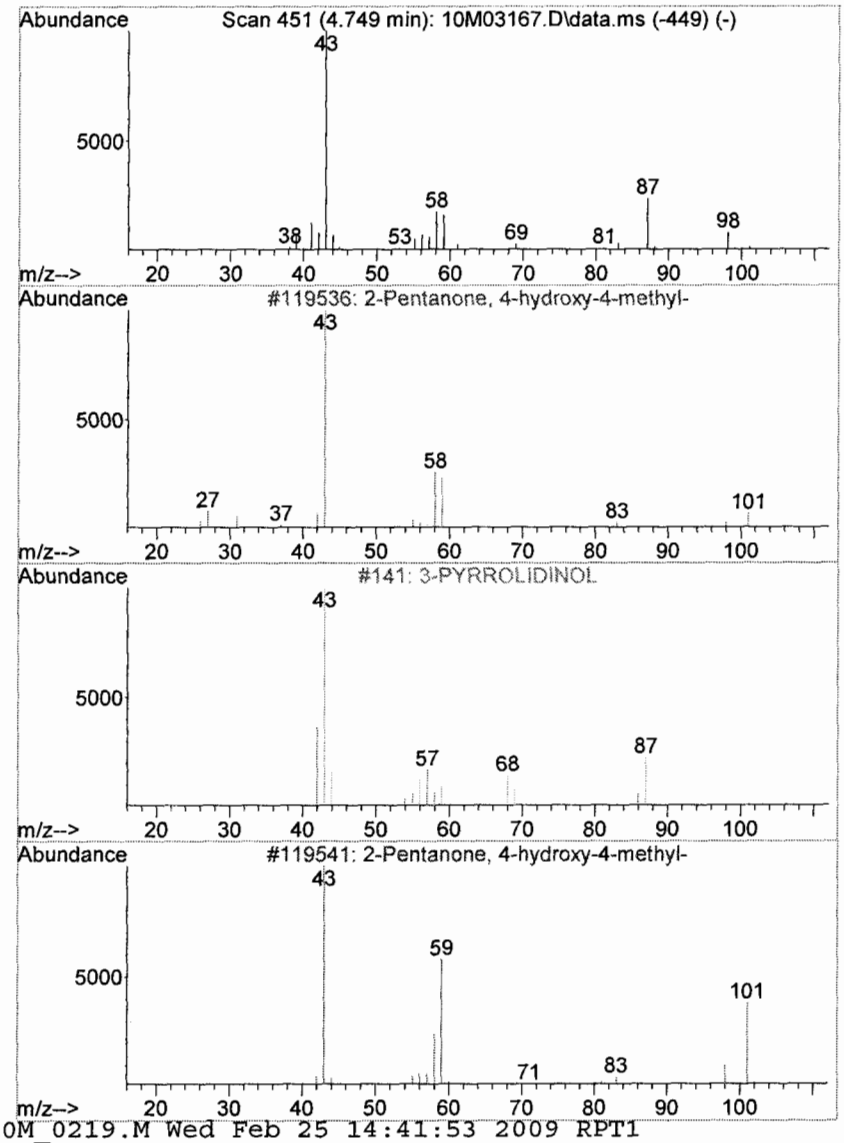
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

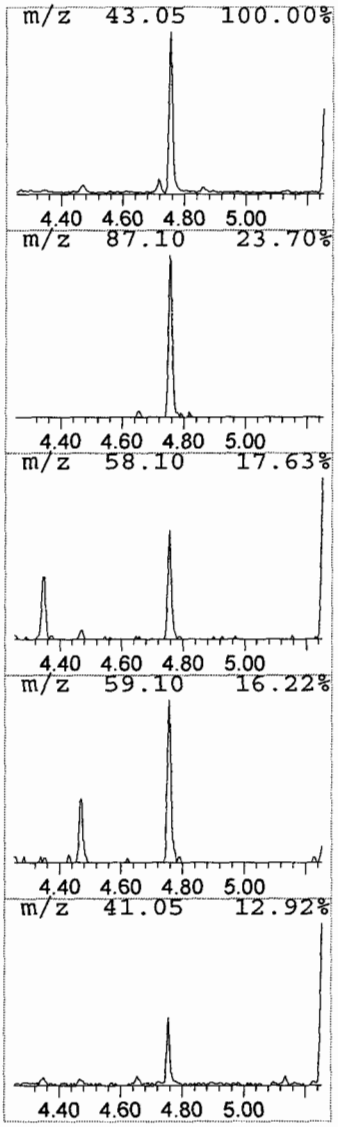
****

Peak Number 3 unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	8.16 ng	78573	1,4-Dichlorobenzene-d4	5.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
2	3-PYRROLIDINOL	87	C4H9NO	040499-83-0	37
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	22
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	12





Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Data File : 10M03167.D
Acq On : 24 Feb 2009 13:17
Operator : AHD
Sample : SMB4052
Misc : S,BNA
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0219.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard				
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc
unknown	3.70	13.7	ng	131537	1	5.56	5.56	385397	40.0
2-Pentanone, 4-hy...	4.04	2026.5	ng	19524800	1	5.56	5.56	385397	40.0
unknown	4.75	8.2	ng	78573	1	5.56	5.56	385397	40.0

Form3

MBS Data

Method: 625

Compound	Limit(s) Soil	Limit(s) Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Data File:==>					5M49062.D											
Data/Batch/Sample ID:==>					WMB4055(MS)											
Date/Time:==>					02/24/09 13:19											
1,2,4-Trichlorobenz		44-142	1	0	95.87	100	96									
2,4,6-Trichlorophen		37-144	1	0	104.9	100	105									
2,4-Dichlorophenol		39-135	1	0	103.3	100	103									
2,4-Dimethylphenol		32-119	1	0	97.44	100	97									
2,4-Dinitrophenol		1-191	1	0	96.85	100	97									
2,4-Dinitrotoluene		39-139	1	0	105.3	100	105									
2,6-Dinitrotoluene		50-158	1	0	104.7	100	105									
2-Chloronaphthalen		60-118	1	0	102.9	100	103									
2-Chlorophenol		23-134	1	0	90.95	100	91									
2-Nitrophenol		29-182	1	0	103.0	100	103									
3,3'-Dichlorobenzidi		1-262	1	0	152.9	100	153									
4,6-Dinitro-2-methyl		1-181	1	0	106.9	100	107									
4-Bromophenyl-phe		53-127	1	0	102.4	100	102									
4-Chloro-3-methylph		22-147	1	0	105.3	100	105									
4-Chlorophenyl-phe		25-158	1	0	101.1	100	101									
4-Nitrophenol		1-132	1	0	52.69	100	53									
Acenaphthene		47-145	1	0	97.95	100	98									
Acenaphthylene		33-145	1	0	97.89	100	98									
Anthracene		27-133	1	0	97.68	100	98									
Benzo[a]anthracene		33-143	1	0	98.13	100	98									
Benzo[a]pyrene		17-163	1	0	100.7	100	101									
Benzo[b]fluoranthen		24-159	1	0	98.74	100	99									
Benzo[g,h,i]perylene		1-219	1	0	102.6	100	103									
Benzo[k]fluoranthen		11-162	1	0	99.27	100	99									
bis(2-Chloroethoxy)		33-184	1	0	93.05	100	93									
bis(2-Chloroethyl)et		12-158	1	0	83.61	100	84									
bis(2-chloroisopropy		36-166	1	0	74.1	100	74									
bis(2-Ethylhexyl)pht		8-158	1	0	104.5	100	105									
Butylbenzylphthalat		1-152	1	0	103.2	100	103									
Chrysene		17-168	1	0	99.99	100	100									
Dibenzo[a,h]anthrac		1-227	1	0	105.4	100	105									
Diethylphthalate		1-114	1	0	99.91	100	100									
Dimethylphthalate		1-112	1	0	103.6	100	104									
Di-n-butylphthalate		1-118	1	0	102.5	100	103									
Di-n-octylphthalate		4-146	1	0	105.4	100	105									
Fluoranthene		26-137	1	0	104.3	100	104									
Fluorene		59-121	1	0	97.52	100	98									
Hexachlorobenzene		1-152	1	0	101	100	101									
Hexachlorobutadien		24-116	1	0	97.21	100	97									
Hexachloroethane		40-113	1	0	86.21	100	86									
Indeno[1,2,3-cd]pyr		1-171	1	0	105.2	100	105									
Isophorone		21-196	1	0	85.38	100	85									
Naphthalene		21-133	1	0	95.4	100	95									
Nitrobenzene		35-180	1	0	95.64	100	96									
N-Nitrosodimethyla		40-109	1	0	55.34	100	55									
N-Nitroso-di-n-propy		1-230	1	0	88.65	100	89									
Pentachlorophenol		14-176	1	0	106.8	100	107									
Phenanthrene		54-120	1	0	103.5	100	104									
Phenol		5-112	1	0	41.86	100	42									
Pyrene		52-115	1	0	91.35	100	91									

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

Quantitation Report (Not Reviewed)

SampleID : WMB4055(MS) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49062.D Sam Mult : 1 Vial# : 16 Qt On : 02/24/09 13:43
Acq On : 02/24/09 13:19 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.776	152	30920	40.00	ng	-0.02
23) Naphthalene-d8	6.796	136	107462	40.00	ng	-0.01
41) Acenaphthene-d10	8.223	164	70660	40.00	ng	-0.02
67) Phenanthrene-d10	9.686	188	131530	40.00	ng	-0.01
81) Chrysene-d12	12.742	240	137279	40.00	ng	-0.01
96) Perylene-d12	14.356	264	139005	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.563	112	56713	56.14	ng	-0.01
Spiked Amount 100.000			Recovery = 56.14%			
9) Phenol-d5	5.461	99	52742	40.71	ng	-0.01
Spiked Amount 100.000			Recovery = 40.71%			
24) Nitrobenzene-d5	6.235	128	22421	48.43	ng	0.00
Spiked Amount 50.000			Recovery = 96.86%			
46) 2-Fluorobiphenyl	7.635	172	97855	40.11	ng	-0.01
Spiked Amount 50.000			Recovery = 80.22%			
70) 2,4,6-Tribromophenol	8.965	330	41996	106.29	ng	-0.01
Spiked Amount 100.000			Recovery = 106.29%			
84) Terphenyl-d14	11.492	244	195630	50.46	ng	-0.02
Spiked Amount 50.000			Recovery = 100.92%			
Target Compounds						Qvalue
2) Pyridine	2.998	79	12246	12.84	ng	69
3) N-Nitrosodimethylamine	2.912	74	30922	55.34	ng	77
8) bis(2-Chloroethyl)ether	5.557	93	77171	83.61	ng	73
10) Phenol	5.471	94	56645	41.86	ng	92
11) 2-Chlorophenol	5.594	128	94231	90.95	ng	75
13) 1,3-Dichlorobenzene	5.728	146	104291	89.86	ng	97
14) 1,4-Dichlorobenzene	5.792	146	105641	90.95	ng	98
15) 1,2-Dichlorobenzene	5.920	146	99503	92.88	ng	99
17) bis(2-chloroisopropyl)...	6.011	45	67030	74.10	ng	71
18) 2-Methylphenol	5.990	108	73610	83.19	ng	99
20) Hexachloroethane	6.198	117	35617	86.21	ng	41
21) N-Nitroso-di-n-propyla...	6.118	70	57696	88.65	ng	60
22) 3&4-Methylphenol	6.112	108	73428	82.07	ng	85
25) Nitrobenzene	6.251	77	87938	95.64	ng	78
26) Isophorone	6.438	82	148436	85.38	ng	84
27) 2-Nitrophenol	6.502	139	50766	103.02	ng	87
28) 2,4-Dimethylphenol	6.529	107	92291	97.44	ng	98
29) Benzoic Acid	6.593	105	8217	21.25	ng	83
30) bis(2-Chloroethoxy)met...	6.604	93	93665	93.05	ng	97
31) 2,4-Dichlorophenol	6.684	162	83430	103.25	ng	85
32) 1,2,4-Trichlorobenzene	6.748	180	95169	95.87	ng	98
33) Naphthalene	6.812	128	261675	95.40	ng	99
35) Hexachlorobutadiene	6.903	225	59288	97.21	ng	97
36) Caprolactam	7.208	113	2547	8.67	ng	6
37) 4-Chloro-3-methylphenol	7.213	107	85895	105.32	ng	79
43) Hexachlorocyclopentadiene	7.469	237	65834	106.34	ng	99
44) 2,4,6-Trichlorophenol	7.566	196	68743	104.87	ng	96
45) 2,4,5-Trichlorophenol	7.598	196	73828	105.37	ng	95
47) 2-Chloronaphthalene	7.747	162	204984	102.88	ng	92
51) 2-Nitroaniline	8.025	65	3009	4.89	ng	46
52) Acenaphthylene	8.100	152	298922	97.89	ng	99
53) Dimethylphthalate	7.972	163	244473	103.60	ng	98
54) 2,6-Dinitrotoluene	8.030	165	53595	104.74	ng	52
55) Acenaphthene	8.255	153	196568	97.95	ng	94
57) 2,4-Dinitrophenol	8.265	184	26882	96.85	ng	82
58) Dibenzofuran	8.511	168	16699	5.82	ng	30
59) 2,4-Dinitrotoluene	8.383	165	74076	105.29	ng	60
60) 4-Nitrophenol	8.303	65	17713	52.69	ng	66
61) 2,3,4,6-Tetrachlorophenol	8.516	232	62679	101.45	ng	81
62) Fluorene	8.730	166	229915	97.52	ng	97
63) 4-Chlorophenyl-phenyle...	8.719	204	128964	101.07	ng	85
64) Diethylphthalate	8.602	149	227188	99.91	ng	94
65) 4-Nitroaniline	8.730	138	2968	5.29	ng	16
66) Atrazine	9.473	200	9389	11.60	ng	35
68) 4,6-Dinitro-2-methylph...	8.768	198	46358	106.92	ng	100
69) n-Nitrosodiphenylamine	8.837	169	169591	81.50	ng	99
71) 1,2-Diphenylhydrazine	8.880	77	188364	89.52	ng	68
72) 4-Bromophenyl-phenylether	9.211	248	88098	102.40	ng	79
73) Hexachlorobenzene	9.275	284	90401	100.95	ng	58
75) Pentachlorophenol	9.473	266	54701	106.76	ng	96
76) Phenanthrene	9.713	178	387837	103.51	ng	99
77) Anthracene	9.767	178	363?39	97.68	ng	99

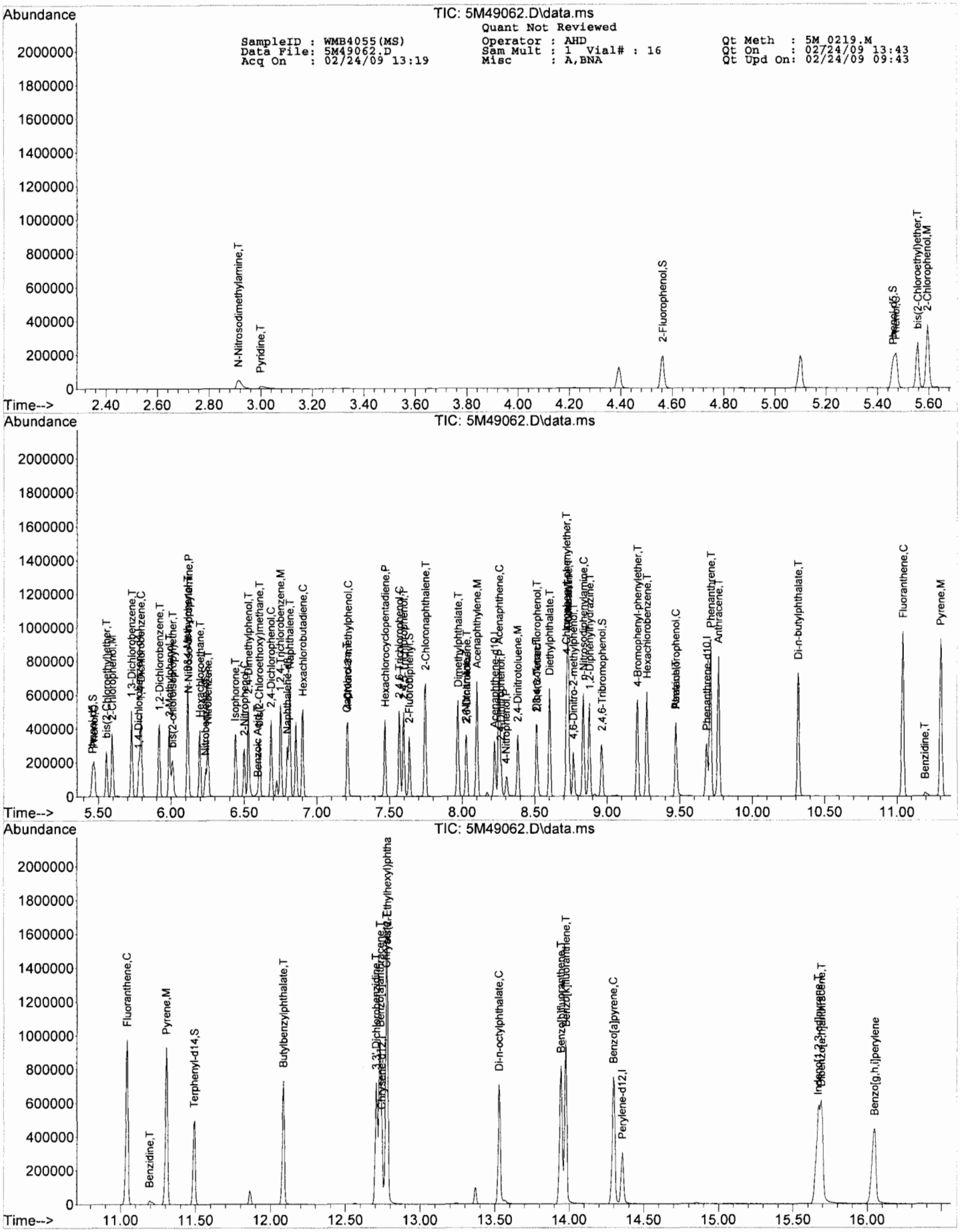
Quantitation Report (Not Reviewed)

SampleID : WMB4055(MS) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49062.D Sam Mult : 1 Vial# : 16 Qt On : 02/24/09 13:43
Acq On : 02/24/09 13:19 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Di-n-butylphthalate	10.317	149	414728	102.51	ng	98
80) Fluoranthene	11.043	202	470076	104.33	ng	79
82) Pyrene	11.305	202	458966	91.35	ng	77
83) Benzidine	11.193	184	11983	9.27	ng	79
88) Butylbenzylphthalate	12.085	149	193734	103.15	ng	63
92) 3,3'-Dichlorobenzidine	12.705	252	174658	152.94	ng	95
93) Benzo[a]anthracene	12.731	228	453348	98.13	ng	99
94) Chrysene	12.774	228	423391	99.99	ng	98
95) bis(2-Ethylhexyl)phtha...	12.780	149	240794	104.51	ng	90
97) Di-n-octylphthalate	13.527	149	433671	105.37	ng	100
98) Benzo[b]fluoranthene	13.944	252	435887	98.74	ng	90
99) Benzo[k]fluoranthene	13.976	252	425994	99.27	ng	89
100) Benzo[a]pyrene	14.297	252	414216	100.72	ng	88
101) Indeno[1,2,3-cd]pyrene	15.670	276	473940	105.23	ng	64
102) Dibenzo[a,h]anthracene	15.691	278	392280	105.36	ng	81
103) Benzo[g,h,i]perylene	16.049	276	381440	102.63	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed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SampleID : WMB4055(MS)
Data File: 5M49062.D
Acq On : 02/24/09 13:19
Operator : AHD
Sam Mult : 1 Vial# : 16
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/24/09 13:43
Qt Upd On: 02/24/09 09:43
Abundance
Time-->
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
TIC: 5M49062.D\data.ms
Abundance
Time-->
Benzidine,T
Fluoranthene,C
Pyrene,M
Di-n-butylphthalate,T
TIC: 5M49062.D\data.ms
Abundance
Time-->
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

FORM 3

Spike Recovery

Batch Number: WMB4054
Mbs Name: WMB4054(MS)
Ns Name: AC42849-003
Ms Name: AC42849-003(MS)
Msd Name: AC42849-003(MSD

Mbs File: 5M49050.D
Non Spk'd File: 5M49054.D
Spike File: 5M49055.D
Spike Dup File: 5M49056.D
Matrix: Aqueous
Method: EPA 625

Mbs Date: 02/24/09 08:54
Non Spk'd Date: 02/24/09 10:22
Spike Date : 02/24/09 10:44
Spike Dup Date: 02/24/09 11:06

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
N-Nitrosodimethylami	3	1	0	100	40	109	17	64.78	0.00	65.97	61.85	65	66	62	6.4
bis(2-Chloroethyl)ethe	8	1	0	100	12	158	12	81.09	0.00	77.50	77.41	81	77	77	0.12
Phenol	10	1	0	100	5	112	27	43.36	0.00	48.10	48.62	43	48	49	1.1
2-Chlorophenol	11	1	0	100	23	134	21	87.55	0.00	83.68	82.63	88	84	83	1.3
bis(2-chloroisopropyl)	17	1	0	100	36	166	14	74.21	0.00	70.13	67.15	74	70	67	4.3
Hexachloroethane	20	1	0	100	40	113	39	80.48	0.00	77.89	73.39	80	78	73	5.9
N-Nitroso-di-n-propyla	21	1	0	100	1	230	14	89.55	0.00	83.23	82.76	90	83	83	0.57
Nitrobenzene	25	1	0	100	35	180	13	88.63	0.00	87.95	84.85	89	88	85	3.6
Isophorone	26	1	0	100	21	196	12	85.20	0.00	80.74	80.54	85	81	81	0.25
2-Nitrophenol	27	1	0	100	29	182	31	96.92	0.00	95.80	98.54	97	96	99	2.8
2,4-Dimethylphenol	28	1	0	100	32	119	18	93.55	0.00	87.23	90.40	94	87	90	3.6
bis(2-Chloroethoxy)m	30	1	0	100	33	184	12	87.10	0.00	86.27	83.88	87	86	84	2.8
2,4-Dichlorophenol	31	1	0	100	39	135	21	97.36	0.00	94.57	96.44	97	95	96	2
1,2,4-Trichlorobenzen	32	1	0	100	44	142	17	85.62	0.00	88.15	87.44	86	88	87	0.81
Naphthalene	33	1	0	100	21	133	16	87.44	0.00	88.65	86.84	87	89	87	2.1
Hexachlorobutadiene	35	1	0	100	24	116	24	85.54	0.00	86.30	83.96	86	86	84	2.7
4-Chloro-3-methylphe	37	1	0	100	22	147	16	107.52	0.00	98.18	104.45	108	98	104	6.2
2,4,6-Trichlorophenol	44	1	0	100	37	144	24	109.49	0.00	106.95	106.02	109	107	106	0.87
2-Chloronaphthalene	47	1	0	100	60	118	13	101.24	0.00	101.47	95.94	101	101	96	5.6
Acenaphthylene	52	1	0	100	33	145	13	98.28	0.00	97.28	95.25	98	97	95	2.1
Dimethylphthalate	53	1	0	100	1	112	12	110.31	0.00	106.98	102.81	110	107	103	4
2,6-Dinitrotoluene	54	1	0	100	50	158	13	113.02	0.00	108.63	108.24	113	109	108	0.36
Acenaphthene	55	1	0	100	47	145	14	97.21	0.00	94.77	94.36	97	95	94	0.43
2,4-Dinitrophenol	57	1	0	100	1	191	37	108.13	0.00	106.73	115.58	108	107	116	8
2,4-Dinitrotoluene	59	1	0	100	39	139	13	110.41	0.00	105.39	106.76	110	105	107	1.3
4-Nitrophenol	60	1	0	100	1	132	41	55.44	0.00	68.23	71.04	55	68	71	4
Fluorene	62	1	0	100	59	121	14	98.19	0.00	95.99	96.07	98	96	96	0.08
4-Chlorophenyl-pheny	63	1	0	100	25	158	13	103.29	0.00	99.98	100.34	103	100	100	0.36
Diethylphthalate	64	1	0	100	1	114	12	103.83	0.00	100.36	100.24	104	100	100	0.12
4,6-Dinitro-2-methylph	68	1	0	100	1	181	25	111.28	0.00	111.28	114.05	111	111	114	2.5
4-Bromophenyl-pheny	72	1	0	100	53	127	13	104.23	0.00	104.91	100.73	104	105	101	4.1
Hexachlorobenzene	73	1	0	100	1	152	12	101.92	0.00	102.92	100.92	102	103	101	2
Pentachlorophenol	75	1	0	100	14	176	31	106.93	0.00	108.86	111.40	107	109	111	2.3
Phenanthrene	76	1	0	100	54	120	12	103.74	0.00	105.02	101.84	104	105	102	3.1
Anthracene	77	1	0	100	27	133	12	97.16	0.00	97.39	95.25	97	97	95	2.2
Di-n-butylphthalate	79	1	0	100	1	118	12	104.27	0.00	102.85	102.06	104	103	102	0.77
Fluoranthene	80	1	0	100	26	137	13	106.25	0.00	102.84	104.66	106	103	105	1.8
Pyrene	82	1	0	100	52	115	13	90.01	0.00	92.15	87.44	90	92	87	5.2
Butylbenzylphthalate	88	1	0	100	1	152	12	101.98	0.00	101.90	100.14	102	102	100	1.7
3,3'-Dichlorobenzidine	92	1	0	100	1	262	40	157.85	0.00	116.50	133.45	158	116	133	14
Benzo[a]anthracene	93	1	0	100	33	143	12	99.54	0.00	100.13	97.62	100	100	98	2.5
Chrysene	94	1	0	100	17	168	12	102.05	0.00	101.61	99.05	102	102	99	2.6
bis(2-Ethylhexyl)phtha	95	1	0	100	8	158	14	101.87	0.00	102.94	99.68	102	103	100	3.2
Di-n-octylphthalate	97	1	0	100	4	146	14	103.71	0.00	103.51	102.05	104	104	102	1.4
Benzo[b]fluoranthene	98	1	0	100	24	159	15	100.12	0.00	100.60	94.80	100	101	95	5.9
Benzo[k]fluoranthene	99	1	0	100	11	162	14	101.28	0.00	99.38	101.45	101	99	101	2.1
Benzo[a]pyrene	1001	0		100	17	163	13	101.79	0.00	100.64	100.25	102	101	100	0.39
Indeno[1,2,3-cd]pyren	1011	0		100	1	171	14	107.93	0.00	108.98	106.16	108	109	106	2.6
Dibenzo[a,h]anthrace	1021	0		100	1	227	14	107.97	0.00	108.74	105.56	108	109	106	3
Benzo[g,h,i]perylene	1031	0		100	1	219	15	103.62	0.00	106.20	101.25	104	106	101	4.8

Note:

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

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

Quantitation Report (Not Reviewed)

SampleID : WMB4054(MS) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49050.D Sam Mult : 1 Vial# : 4 Qt On : 02/24/09 09:43
Acq On : 02/24/09 08:54 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.776	152	30598	40.00	ng	-0.02
23) Naphthalene-d8	6.796	136	110614	40.00	ng	-0.01
41) Acenaphthene-d10	8.223	164	69063	40.00	ng	-0.02
67) Phenanthrene-d10	9.686	188	131868	40.00	ng	-0.01
81) Chrysene-d12	12.742	240	140802	40.00	ng	-0.01
96) Perylene-d12	14.355	264	143778	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.558	112	54702	54.72	ng	-0.02
Spiked Amount 100.000			Recovery = 54.72%			
9) Phenol-d5	5.461	99	53273	41.55	ng	-0.01
Spiked Amount 100.000			Recovery = 41.55%			
24) Nitrobenzene-d5	6.235	128	20972	44.01	ng	0.00
Spiked Amount 50.000			Recovery = 88.02%			
46) 2-Fluorobiphenyl	7.635	172	96510	40.47	ng	-0.01
Spiked Amount 50.000			Recovery = 80.94%			
70) 2,4,6-Tribromophenol	8.965	330	42385	107.00	ng	-0.01
Spiked Amount 100.000			Recovery = 107.00%			
84) Terphenyl-d14	11.492	244	194260	48.85	ng	-0.02
Spiked Amount 50.000			Recovery = 97.70%			
Target Compounds						Qvalue
2) Pyridine	2.976	79	51315	52.48	ng	68
3) N-Nitrosodimethylamine	2.912	74	35824	64.78	ng	74
8) bis(2-Chloroethyl)ether	5.557	93	74065	81.09	ng	73
10) Phenol	5.471	94	58072	43.36	ng	91
11) 2-Chlorophenol	5.594	128	89762	87.55	ng	75
13) 1,3-Dichlorobenzene	5.728	146	92079	80.17	ng	96
14) 1,4-Dichlorobenzene	5.792	146	95099	82.74	ng	97
15) 1,2-Dichlorobenzene	5.920	146	90702	85.55	ng	98
17) bis(2-chloroisopropyl)...	6.011	45	66426	74.21	ng	74
18) 2-Methylphenol	5.984	108	74355	84.92	ng	100
20) Hexachloroethane	6.198	117	32904	80.48	ng	42
21) N-Nitroso-di-n-propyla...	6.112	70	57678	89.55	ng	63
22) 3&4-Methylphenol	6.112	108	74645	84.31	ng	87
25) Nitrobenzene	6.251	77	83877	88.63	ng	74
26) Isophorone	6.438	82	152469	85.20	ng	83
27) 2-Nitrophenol	6.502	139	49160	96.92	ng	83
28) 2,4-Dimethylphenol	6.529	107	91203	93.55	ng	99
29) Benzoic Acid	6.598	105	13721	28.92	ng	83
30) bis(2-Chloroethoxy)met...	6.604	93	90250	87.10	ng	96
31) 2,4-Dichlorophenol	6.684	162	80976	97.36	ng	85
32) 1,2,4-Trichlorobenzene	6.748	180	87484	85.62	ng	96
33) Naphthalene	6.812	128	246876	87.44	ng	99
35) Hexachlorobutadiene	6.898	225	53700	85.54	ng	97
36) Caprolactam	7.207	113	2669	8.83	ng	10
37) 4-Chloro-3-methylphenol	7.207	107	90258	107.52	ng	86
43) Hexachlorocyclopentadiene	7.469	237	61829	102.18	ng	99
44) 2,4,6-Trichlorophenol	7.565	196	70147	109.49	ng	95
45) 2,4,5-Trichlorophenol	7.597	196	76838	112.21	ng	96
47) 2-Chloronaphthalene	7.747	162	197164	101.24	ng	92
51) 2-Nitroaniline	8.025	65	2992	4.98	ng	38
52) Acenaphthylene	8.100	152	293353	98.28	ng	99
53) Dimethylphthalate	7.971	163	254423	110.31	ng	98
54) 2,6-Dinitrotoluene	8.030	165	56525	113.02	ng	53
55) Acenaphthene	8.255	153	190675	97.21	ng	96
57) 2,4-Dinitrophenol	8.265	184	29722	108.13	ng	86
58) Dibenzofuran	8.516	168	17374	6.20	ng	30
59) 2,4-Dinitrotoluene	8.388	165	75926	110.41	ng	53
60) 4-Nitrophenol	8.303	65	18216	55.44	ng	64
61) 2,3,4,6-Tetrachlorophenol	8.516	232	65231	108.02	ng	81
62) Fluorene	8.730	166	226265	98.19	ng	99
63) 4-Chlorophenyl-phenyle...	8.725	204	128816	103.29	ng	78
64) Diethylphthalate	8.602	149	230766	103.83	ng	94
65) 4-Nitroaniline	8.730	138	3116	5.68	ng	19
66) Atrazine	9.473	200	9254	11.70	ng	35
68) 4,6-Dinitro-2-methylph...	8.767	198	48501	111.28	ng	100
69) n-Nitrosodiphenylamine	8.837	169	167434	80.25	ng	99
71) 1,2-Diphenylhydrazine	8.880	77	186191	88.26	ng	67
72) 4-Bromophenyl-phenylether	9.211	248	89907	104.23	ng	78
73) Hexachlorobenzene	9.275	284	91499	101.92	ng	60
75) Pentachlorophenol	9.473	266	54932	106.93	ng	98
76) Phenanthrene	9.713	178	389694	103.74	ng	99
77) Anthracene	9.766	178	362327	97.16	ng	99

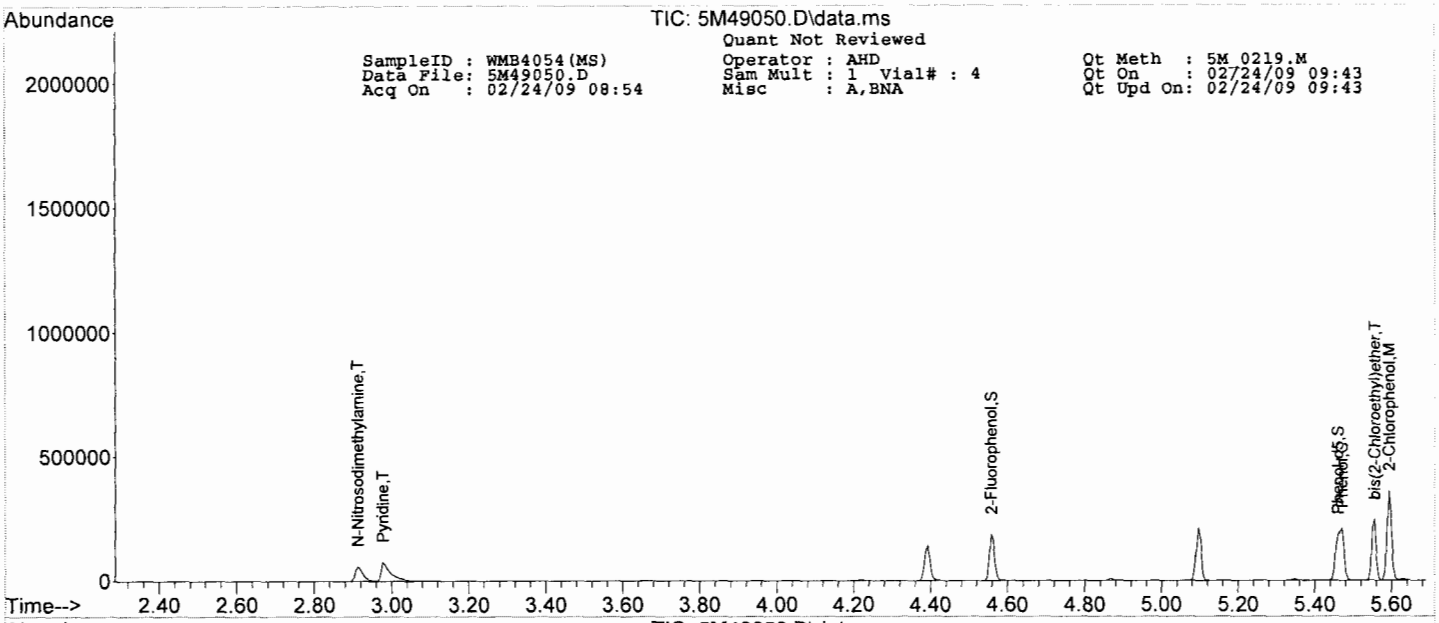
Quantitation Report (Not Reviewed)

SampleID : WMB4054(MS) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49050.D Sam Mult : 1 Vial# : 4 Qt On : 02/24/09 09:43
Acq On : 02/24/09 08:54 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
79)	Di-n-butylphthalate	10.317	149	422943	104.27 ng	98
80)	Fluoranthene	11.043	202	479960	106.25 ng	79
82)	Pyrene	11.305	202	463839	90.01 ng	77
83)	Benzidine	11.198	184	52528	43.58 ng	77
88)	Butylbenzylphthalate	12.085	149	196444	101.98 ng	66
92)	3,3'-Dichlorobenzidine	12.705	252	183689	157.85 ng	94
93)	Benzo[a]anthracene	12.731	228	471671	99.54 ng	99
94)	Chrysene	12.774	228	443178	102.05 ng	97
95)	bis(2-Ethylhexyl)phtha...	12.779	149	240727	101.87 ng	88
97)	Di-n-octylphthalate	13.527	149	441483	103.71 ng	99
98)	Benzo[b]fluoranthene	13.944	252	457138	100.12 ng	89
99)	Benzo[k]fluoranthene	13.976	252	449564	101.28 ng	89
100)	Benzo[a]pyrene	14.302	252	433009	101.79 ng	87
101)	Indeno[1,2,3-cd]pyrene	15.670	276	502756	107.93 ng	65
102)	Dibenzo[a,h]anthracene	15.696	278	415806	107.97 ng	80
103)	Benzo[g,h,i]perylene	16.049	276	398354	103.62 ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed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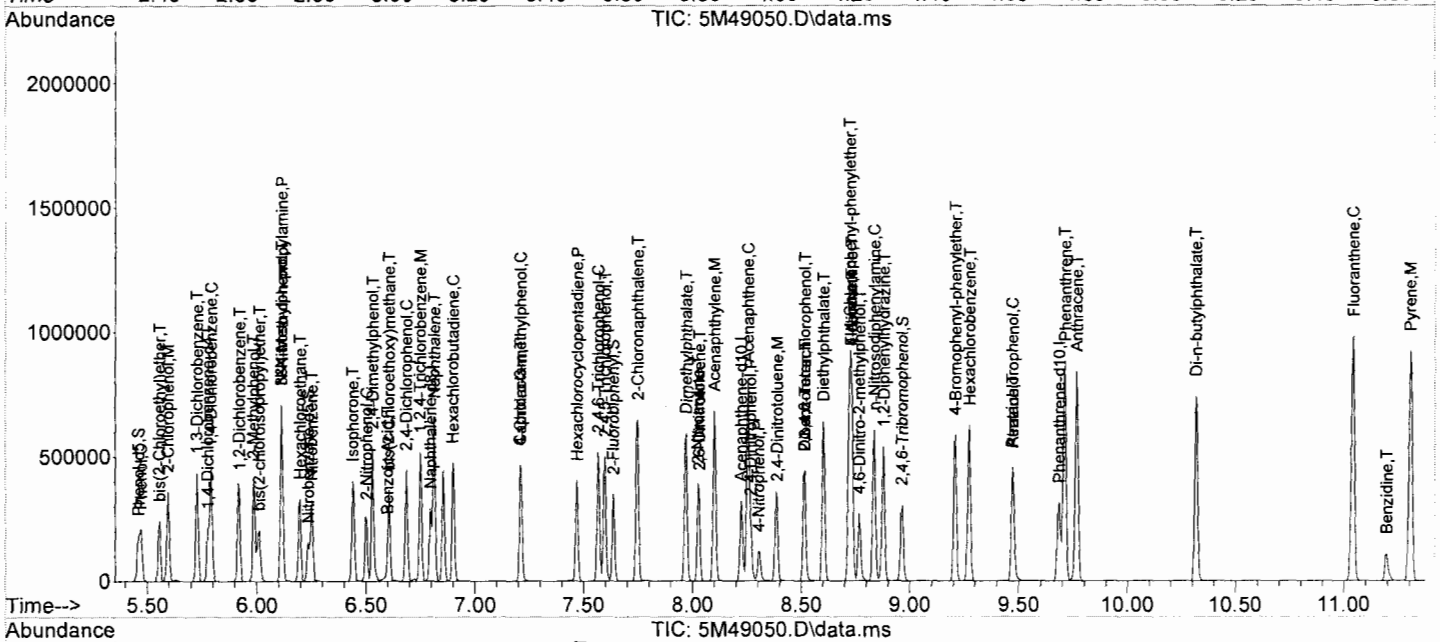
TIC: 5M49050.D\data.ms
Quant Not Reviewed
SampleID : WMB4054(MS)
Data File: 5M49050.D
Acq On : 02/24/09 08:54
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/24/09 09:43
Qt Upd On: 02/24/09 09:43
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Phenol-d5,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
Time-->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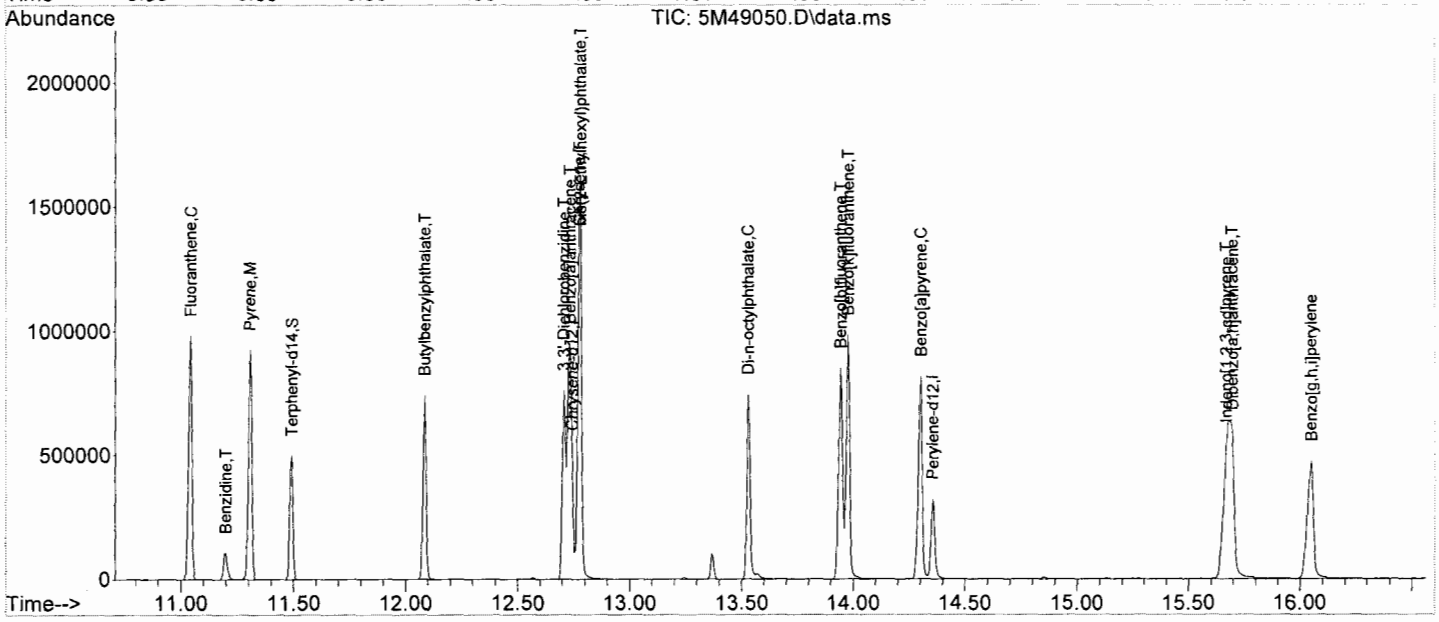
Time-->


Abundance
TIC: 5M49050.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42849-003(MS) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49055.D Sam Mult : 1 Vial# : 9 Qt On : 02/24/09 11:01
Acq On : 02/24/09 10:44 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.781	152	31830	40.00	ng	-0.01
23) Naphthalene-d8	6.796	136	110742	40.00	ng	-0.01
41) Acenaphthene-d10	8.223	164	68603	40.00	ng	-0.02
67) Phenanthrene-d10	9.681	188	125002	40.00	ng	-0.02
81) Chrysene-d12	12.742	240	127771	40.00	ng	-0.01
96) Perylene-d12	14.355	264	129156	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.563	112	53740	51.68	ng	-0.01
Spiked Amount 100.000			Recovery = 51.68%			
9) Phenol-d5	5.461	99	62277	46.69	ng	-0.01
Spiked Amount 100.000			Recovery = 46.69%			
24) Nitrobenzene-d5	6.235	128	19772	41.44	ng	0.00
Spiked Amount 50.000			Recovery = 82.88%			
46) 2-Fluorobiphenyl	7.635	172	108473	45.79	ng	-0.01
Spiked Amount 50.000			Recovery = 91.58%			
70) 2,4,6-Tribromophenol	8.965	330	39587	105.42	ng	-0.01
Spiked Amount 100.000			Recovery = 105.42%			
84) Terphenyl-d14	11.492	244	181218	50.22	ng	-0.02
Spiked Amount 50.000			Recovery = 100.44%			
Target Compounds						Qvalue
2) Pyridine	2.982	79	40714	40.45	ng	67
3) N-Nitrosodimethylamine	2.912	74	37948	65.97	ng	77
8) bis(2-Chloroethyl)ether	5.557	93	73635	77.50	ng	74
10) Phenol	5.471	94	67005	48.10	ng	92
11) 2-Chlorophenol	5.594	128	89247	83.68	ng	76
13) 1,3-Dichlorobenzene	5.728	146	94790	79.34	ng	98
14) 1,4-Dichlorobenzene	5.792	146	97803	81.80	ng	99
15) 1,2-Dichlorobenzene	5.920	146	93838	85.08	ng	98
17) bis(2-chloroisopropyl)...	6.011	45	65302	70.13	ng	75
18) 2-Methylphenol	5.984	108	70513	77.41	ng	99
20) Hexachloroethane	6.198	117	33128	77.89	ng	41
21) N-Nitroso-di-n-propyla...	6.112	70	55767	83.23	ng	63
22) 3&4-Methylphenol	6.112	108	71660	77.81	ng	84
25) Nitrobenzene	6.251	77	83327	87.95	ng	74
26) Isophorone	6.438	82	144654	80.74	ng	83
27) 2-Nitrophenol	6.502	139	48650	95.80	ng	86
28) 2,4-Dimethylphenol	6.529	107	85142	87.23	ng	97
29) Benzoic Acid	6.614	105	26403	47.59	ng	86
30) bis(2-Chloroethoxy)met...	6.604	93	89486	86.27	ng	96
31) 2,4-Dichlorophenol	6.684	162	78747	94.57	ng	86
32) 1,2,4-Trichlorobenzene	6.748	180	90169	88.15	ng	97
33) Naphthalene	6.812	128	250586	88.65	ng	99
35) Hexachlorobutadiene	6.903	225	54238	86.30	ng	97
36) Caprolactam	7.207	113	2538	8.38	ng	5
37) 4-Chloro-3-methylphenol	7.207	107	82516	98.18	ng	85
43) Hexachlorocyclopentadiene	7.469	237	64153	106.73	ng	98
44) 2,4,6-Trichlorophenol	7.565	196	68063	106.95	ng	94
45) 2,4,5-Trichlorophenol	7.597	196	72676	106.84	ng	95
47) 2-Chloronaphthalene	7.747	162	196302	101.47	ng	92
51) 2-Nitroaniline	8.025	65	2715	4.55	ng	34
52) Acenaphthylene	8.100	152	288432	97.28	ng	99
53) Dimethylphthalate	7.971	163	245102	106.98	ng	98
54) 2,6-Dinitrotoluene	8.030	165	53967	108.63	ng	52
55) Acenaphthene	8.255	153	184650	94.77	ng	95
57) 2,4-Dinitrophenol	8.265	184	29098	106.73	ng	84
58) Dibenzofuran	8.511	168	16424	5.90	ng	30
59) 2,4-Dinitrotoluene	8.383	165	71991	105.39	ng	60
60) 4-Nitrophenol	8.308	65	22269	68.23	ng	58
61) 2,3,4,6-Tetrachlorophenol	8.511	232	62021	103.40	ng	82
62) Fluorene	8.730	166	219728	95.99	ng	100
63) 4-Chlorophenyl-phenyle...	8.719	204	123866	99.98	ng	85
64) Diethylphthalate	8.602	149	221553	100.36	ng	95
65) 4-Nitroaniline	8.730	138	2805	5.15	ng	15
66) Atrazine	9.473	200	8779	11.17	ng	35
68) 4,6-Dinitro-2-methylph...	8.767	198	45977	111.28	ng	100
69) n-Nitrosodiphenylamine	8.837	169	158870	80.33	ng	99
71) 1,2-Diphenylhydrazine	8.880	77	176650	88.34	ng	67
72) 4-Bromophenyl-phenylether	9.211	248	85775	104.91	ng	79
73) Hexachlorobenzene	9.275	284	87588	102.92	ng	60
75) Pentachlorophenol	9.473	266	53072	108.86	ng	97
76) Phenanthrene	9.713	178	373955	105.02	ng	99
77) Anthracene	9.766	178	344288	97.39	ng	100

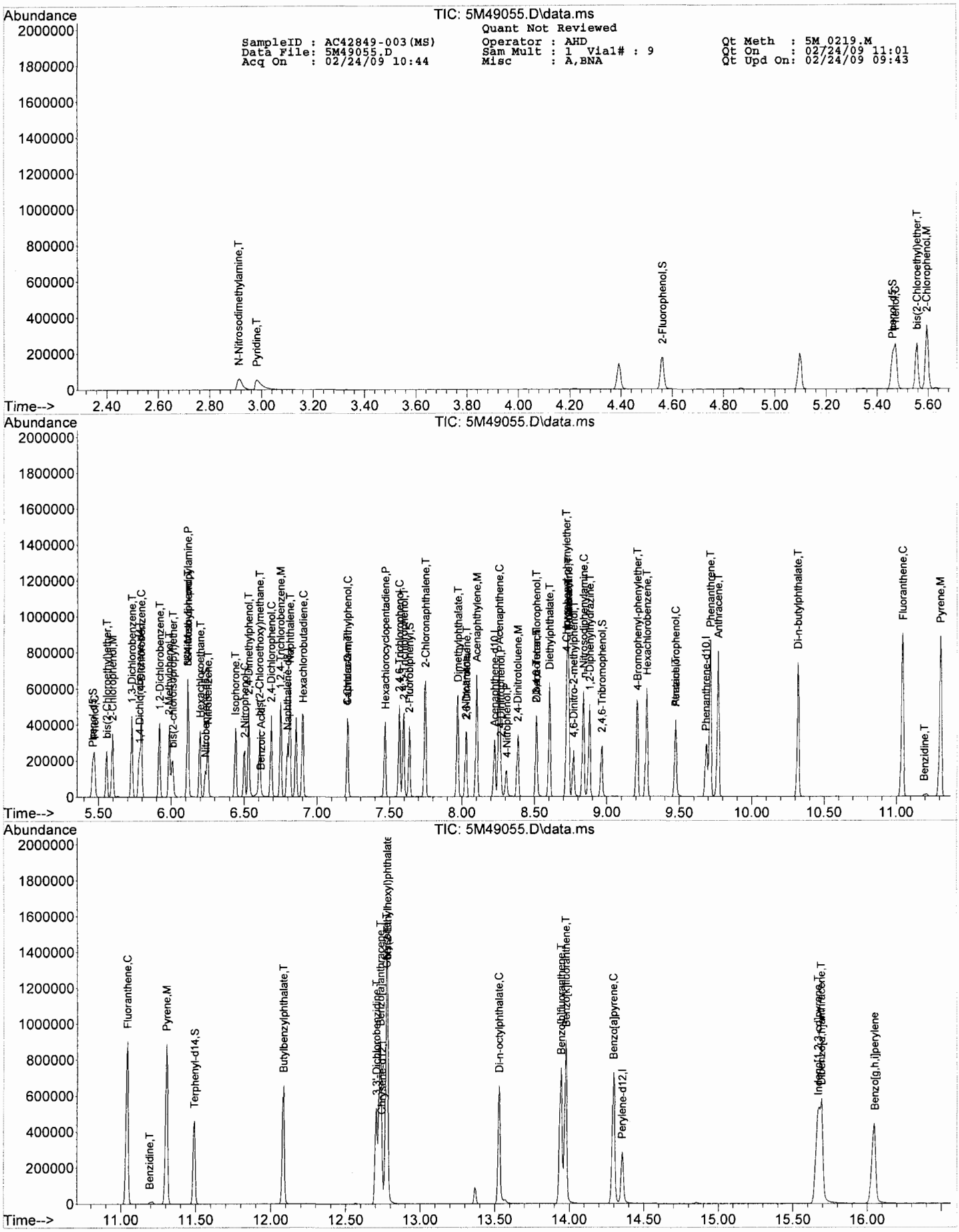
Quantitation Report (Not Reviewed)

SampleID : AC42849-003(MS) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49055.D Sam Mult : 1 Vial# : 9 Qt On : 02/24/09 11:01
Acq On : 02/24/09 10:44 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
79) Di-n-butylphthalate	10.317	149	395434	102.85 ng	98
80) Fluoranthene	11.043	202	440368	102.84 ng	79
82) Pyrene	11.305	202	430910	92.15 ng	77
83) Benzidine	11.193	184	6148	5.05 ng	84
88) Butylbenzylphthalate	12.085	149	178132	101.90 ng	64
92) 3,3'-Dichlorobenzidine	12.705	252	129833	116.50 ng	94
93) Benzo[a]anthracene	12.731	228	430550	100.13 ng	99
94) Chrysene	12.774	228	400451	101.61 ng	98
95) bis(2-Ethylhexyl)phtha...	12.779	149	220752	102.94 ng	89
97) Di-n-octylphthalate	13.527	149	395809	103.51 ng	100
98) Benzo[b]fluoranthene	13.944	252	412630	100.60 ng	89
99) Benzo[k]fluoranthene	13.976	252	396270	99.38 ng	88
100) Benzo[a]pyrene	14.297	252	384572	100.64 ng	88
101) Indeno[1,2,3-cd]pyrene	15.670	276	456049	108.98 ng	64
102) Dibenzo[a,h]anthracene	15.691	278	376191	108.74 ng	81
103) Benzo[g,h,i]perylene	16.049	276	366723	106.20 ng	72

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : AC42849-003(MS)
Data File: 5M49055.D
Acq On : 02/24/09 10:44
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/24/09 11:01
Qt Upd On: 02/24/09 09:43
Abundance
Time-->
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Phenol-d5,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
Benzidine,T
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

Quantitation Report (Not Reviewed)

SampleID : AC42849-003(MSD) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49056.D Sam Mult : 1 Vial# : 10 Qt On : 02/24/09 12:05
Acq On : 02/24/09 11:06 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.776	152	33851	40.00	ng	-0.02
23) Naphthalene-d8	6.796	136	120896	40.00	ng	-0.01
41) Acenaphthene-d10	8.223	164	78782	40.00	ng	-0.02
67) Phenanthrene-d10	9.686	188	149952	40.00	ng	-0.01
81) Chrysene-d12	12.742	240	161793	40.00	ng	-0.01
96) Perylene-d12	14.361	264	166611	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.558	112	45111	40.79	ng	-0.02
Spiked Amount 100.000			Recovery = 40.79%			
9) Phenol-d5	5.461	99	55675	39.25	ng	-0.01
Spiked Amount 100.000			Recovery = 39.25%			
24) Nitrobenzene-d5	6.235	128	18553	35.62	ng	0.00
Spiked Amount 50.000			Recovery = 71.24%			
46) 2-Fluorobiphenyl	7.635	172	111930	41.15	ng	-0.01
Spiked Amount 50.000			Recovery = 82.30%			
70) 2,4,6-Tribromophenol	8.965	330	46808	103.91	ng	-0.01
Spiked Amount 100.000			Recovery = 103.91%			
84) Terphenyl-d14	11.492	244	222157	48.62	ng	-0.02
Spiked Amount 50.000			Recovery = 97.24%			
Target Compounds						Qvalue
2) Pyridine	2.977	79	55758	51.58	ng	66
3) N-Nitrosodimethylamine	2.913	74	37838	61.85	ng	74
8) bis(2-Chloroethyl)ether	5.557	93	78221	77.41	ng	73
10) Phenol	5.471	94	72033	48.62	ng	92
11) 2-Chlorophenol	5.594	128	93731	82.63	ng	75
13) 1,3-Dichlorobenzene	5.728	146	98411	77.45	ng	96
14) 1,4-Dichlorobenzene	5.792	146	99852	78.53	ng	99
15) 1,2-Dichlorobenzene	5.915	146	96292	82.10	ng	99
17) bis(2-chloroisopropyl)...	6.011	45	66497	67.15	ng	69
18) 2-Methylphenol	5.984	108	78001	80.52	ng	97
20) Hexachloroethane	6.198	117	33196	73.39	ng	41
21) N-Nitroso-di-n-propyla...	6.113	70	58968	82.76	ng	63
22) 3&4-Methylphenol	6.113	108	79174	80.83	ng	85
25) Nitrobenzene	6.251	77	87766	84.85	ng	75
26) Isophorone	6.444	82	157522	80.54	ng	77
27) 2-Nitrophenol	6.503	139	54626	98.54	ng	84
28) 2,4-Dimethylphenol	6.529	107	96322	90.40	ng	99
29) Benzoic Acid	6.620	105	31562	51.32	ng	88
30) bis(2-Chloroethoxy)met...	6.604	93	94995	83.88	ng	97
31) 2,4-Dichlorophenol	6.684	162	87662	96.44	ng	86
32) 1,2,4-Trichlorobenzene	6.748	180	97644	87.44	ng	98
33) Naphthalene	6.812	128	267988	86.84	ng	99
35) Hexachlorobutadiene	6.898	225	57608	83.96	ng	97
36) Caprolactam	7.213	113	3022	9.14	ng	1
37) 4-Chloro-3-methylphenol	7.208	107	95831	104.45	ng	86
43) Hexachlorocyclopentadiene	7.469	237	71087	102.98	ng	97
44) 2,4,6-Trichlorophenol	7.566	196	77482	106.02	ng	96
45) 2,4,5-Trichlorophenol	7.598	196	82931	106.16	ng	96
47) 2-Chloronaphthalene	7.747	162	213145	95.94	ng	92
51) 2-Nitroaniline	8.030	65	3281	4.79	ng	36
52) Acenaphthylene	8.100	152	324316	95.25	ng	98
53) Dimethylphthalate	7.972	163	270495	102.81	ng	98
54) 2,6-Dinitrotoluene	8.030	165	61752	108.24	ng	53
55) Acenaphthene	8.255	153	211128	94.36	ng	96
57) 2,4-Dinitrophenol	8.265	184	36520	115.58	ng	87
58) Dibenzofuran	8.517	168	19481	6.09	ng	30
59) 2,4-Dinitrotoluene	8.388	165	83751	106.76	ng	53
60) 4-Nitrophenol	8.308	65	26629	71.04	ng	57
61) 2,3,4,6-Tetrachlorophenol	8.517	232	73019	106.00	ng	82
62) Fluorene	8.730	166	252537	96.07	ng	99
63) 4-Chlorophenyl-phenyle...	8.725	204	142749	100.34	ng	79
64) Diethylphthalate	8.602	149	254120	100.24	ng	95
65) 4-Nitroaniline	8.730	138	3351	5.36	ng	15
66) Atrazine	9.473	200	10847	12.02	ng	35
68) 4,6-Dinitro-2-methylph...	8.773	198	56620	114.05	ng	100
69) n-Nitrosodiphenylamine	8.837	169	187607	79.08	ng	99
71) 1,2-Diphenylhydrazine	8.880	77	204514	85.26	ng	68
72) 4-Bromophenyl-phenylether	9.211	248	98796	100.73	ng	79
73) Hexachlorobenzene	9.275	284	103028	100.92	ng	59
75) Pentachlorophenol	9.473	266	65249	111.40	ng	97
76) Phenanthrene	9.713	178	435006	101.84	ng	99
77) Anthracene	9.767	178	403915	95.25	ng	100

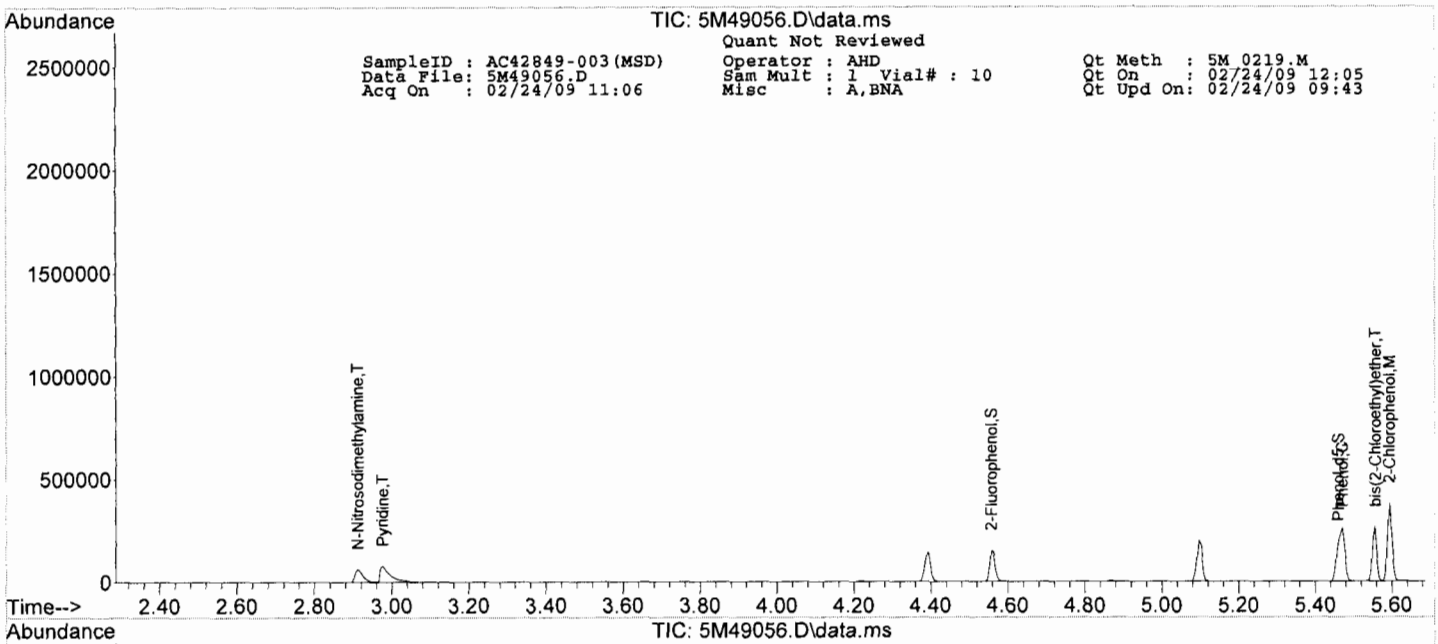
Quantitation Report (Not Reviewed)

SampleID : AC42849-003(MSD) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49056.D Sam Mult : 1 Vial# : 10 Qt On : 02/24/09 12:05
Acq On : 02/24/09 11:06 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79)	Di-n-butylphthalate	10.317	149	470709	102.06	ng	98
80)	Fluoranthene	11.043	202	537646	104.66	ng	79
82)	Pyrene	11.311	202	517789	87.44	ng	75
83)	Benzidine	11.198	184	26595	17.86	ng	78
88)	Butylbenzylphthalate	12.085	149	221656	100.14	ng	67
92)	3,3'-Dichlorobenzidine	12.710	252	184266	133.45	ng	93
93)	Benzo[a]anthracene	12.732	228	531552	97.62	ng	99
94)	Chrysene	12.780	228	494286	99.05	ng	98
95)	bis(2-Ethylhexyl)phtha...	12.780	149	270674	99.68	ng	89
97)	Di-n-octylphthalate	13.533	149	503407	102.05	ng	100
98)	Benzo[b]fluoranthene	13.950	252	501564	94.80	ng	89
99)	Benzo[k]fluoranthene	13.982	252	521821	101.45	ng	88
100)	Benzo[a]pyrene	14.302	252	494175	100.25	ng	88
101)	Indeno[1,2,3-cd]pyrene	15.675	276	573092	106.16	ng	65
102)	Dibenzo[a,h]anthracene	15.697	278	471096	105.56	ng	81
103)	Benzo[g,h,i]perylene	16.054	276	451056	101.25	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed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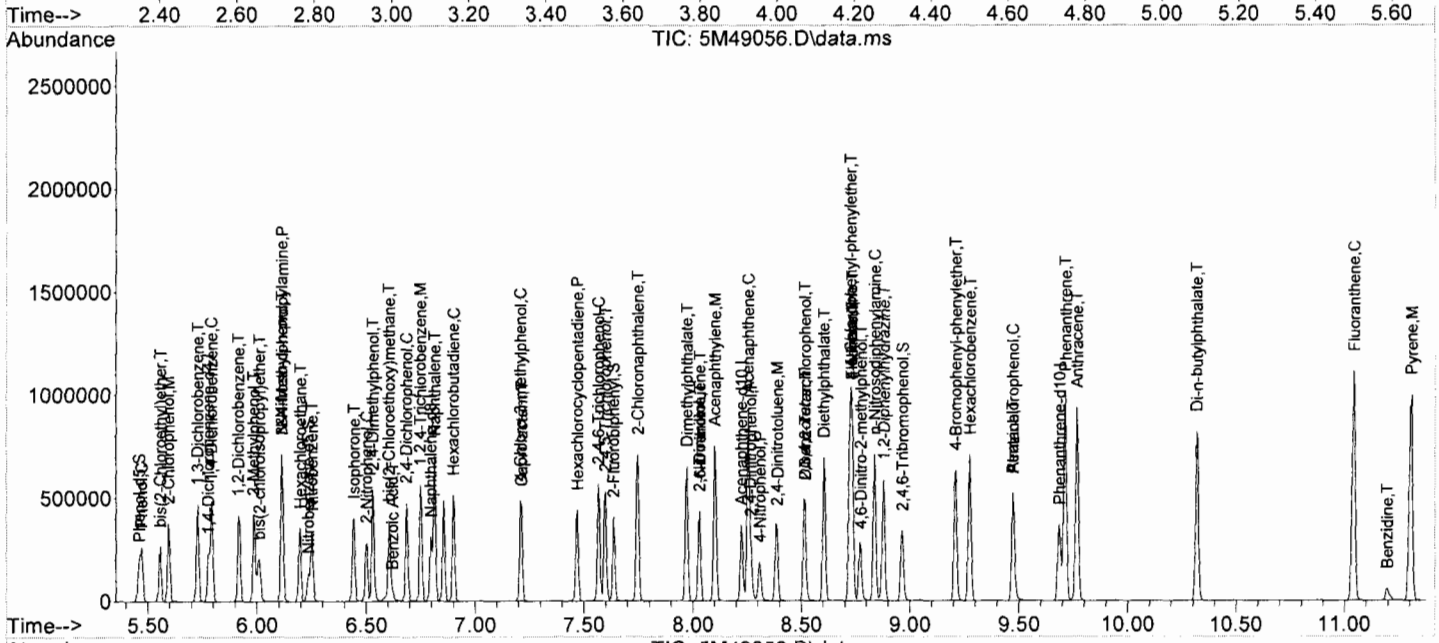
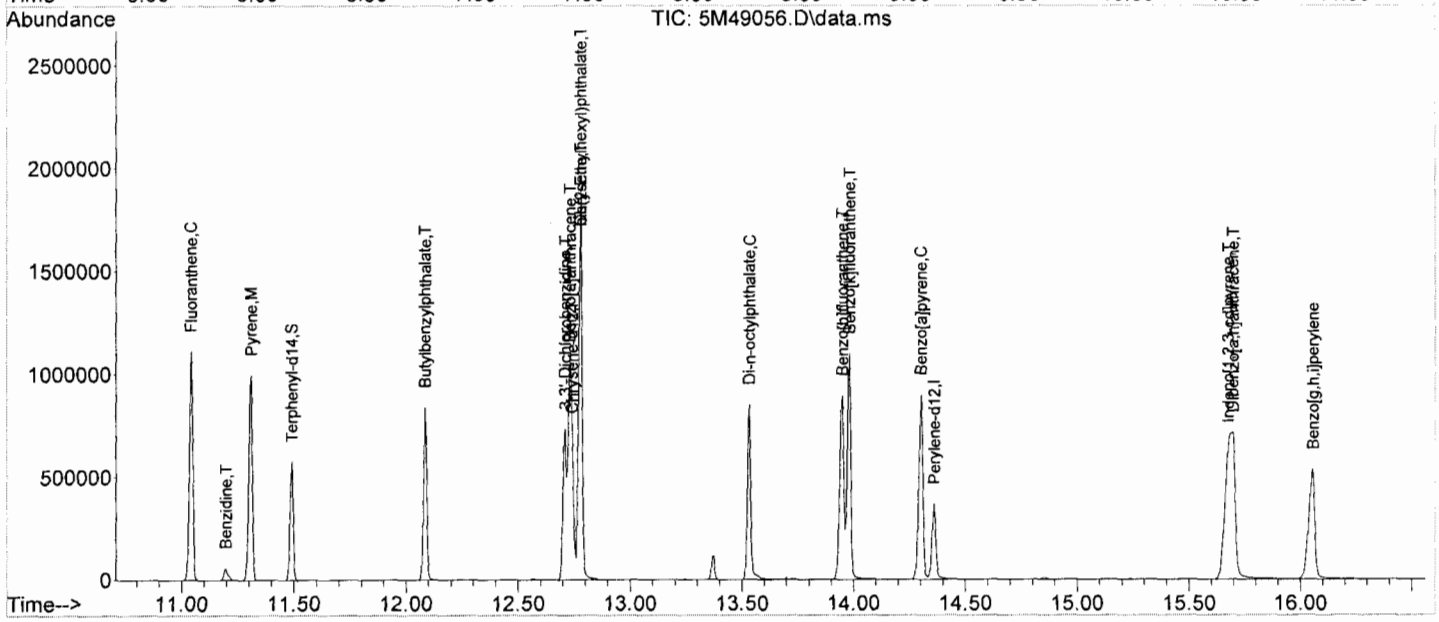
Quant Not Reviewed
SampleID : AC42849-003(MSD)
Data File: 5M49056.D
Acq On : 02/24/09 11:06
Operator : AHD
Sam Mult : 1 Vial# : 10
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/24/09 12:05
Qt Upd On: 02/24/09 09:43
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Phenol-d5,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
Time-->


Abundance
TIC: 5M49056.D\data.ms
Time-->


Abundance
TIC: 5M49056.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

FORM 3

Spike Recovery

Batch Number: SMB4052
Mbs Name: SMB4052(MS)
Ns Name: AC42820-007
Ms Name: AC42820-007(MS)
Msd Name: AC42820-007(MSD

Mbs File: 10M03166.D
Non Spk'd File: 10M03173.D
Spike File: 10M03174.D
Spike Dup File: 10M03175.D
Matrix: Soil
Method: EPA 8270C

Mbs Date: 02/24/09 12:54
Non Spk'd Date: 02/24/09 15:29
Spike Date : 02/24/09 15:51
Spike Dup Date: 02/24/09 16:13

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	10	1	0	100	35	130	31	91.42	0.00	64.63	76.92	91	65	77	17
2-Chlorophenol	11	1	0	100	43	131	32	98.78	0.00	72.40	84.64	99	72	85	16
1,4-Dichlorobenzene	14	1	0	50	26	128	41	43.03	0.00	34.35	38.83	86	69	78	12
2-Methylphenol	18	1	0	100	40	137	32	97.22	0.00	74.82	89.66	97	75	90	18
N-Nitroso-di-n-propyla	21	1	0	50	23	147	39	43.79	0.00	43.41	54.36	88	87	109	22
2,4-Dimethylphenol	28	1	0	100	47	135	32	99.91	0.00	70.32	81.50	100	70	81	15
1,2,4-Trichlorobenzen	32	1	0	50	40	129	39	43.31	0.00	33.62	37.83	87	67	76	12
Naphthalene	33	1	0	50	44	132	41	46.26	0.00	36.89	40.30	93	74	81	8.8
4-Chloro-3-methylphe	37	1	0	100	45	142	32	93.54	0.00	72.82	84.73	94	73	85	15
Acenaphthene	55	1	0	50	47	137	58	47.77	0.00	35.95	40.32	96	72	81	11
2,4-Dinitrotoluene	59	1	0	50	30	139	47	44.57	0.00	30.66	37.42	89	61	75	20
4-Nitrophenol	60	1	0	100	35	146	36	75.98	0.00	67.82	78.78	76	68	79	15
Fluorene	62	1	0	50	42	135	43	47.02	2.66	37.74	44.38	94	70	83	16
Pentachlorophenol	75	1	0	100	38	132	37	71.54	0.00	81.12	91.93	72	81	92	12
Pyrene	82	1	0	50	45	167	53	51.40	16.65	58.25	61.45	103	83	90	5.3
Butylbenzylphthalate	88	1	0	50	45	157	40	53.88	0.00	50.18	59.22	108	100	118	17

Note:

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

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

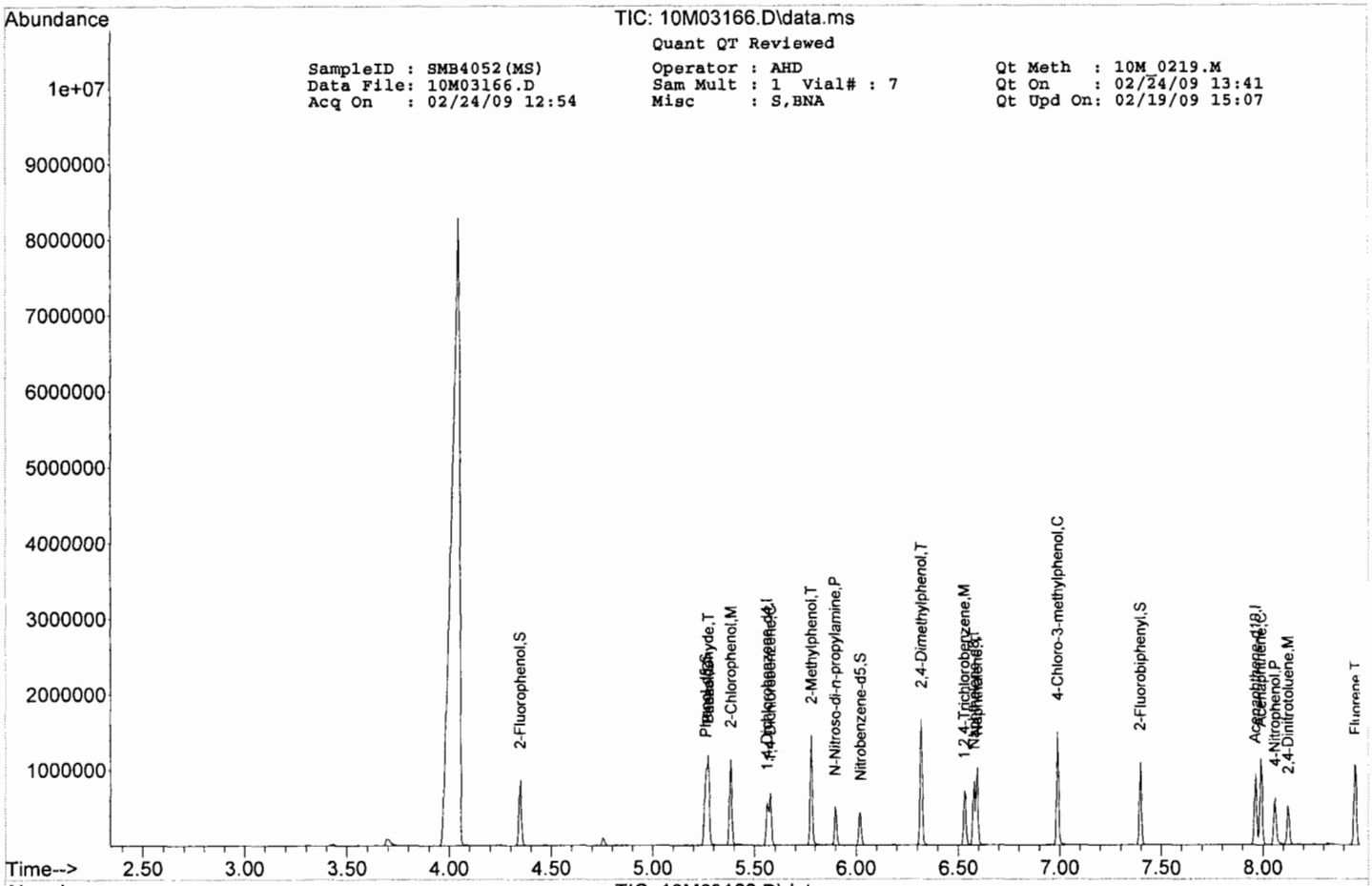
Quantitation Report (QT Reviewed)

SampleID : SMB4052(MS) Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03166.D Sam Mult : 1 Vial# : 7 Qt On : 02/24/09 13:41
Acq On : 02/24/09 12:54 Misc : S,BNA Qt Upd On: 02/19/09 15:07

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.562	152	77280	40.00	ng	-0.02
23) Naphthalene-d8	6.578	136	296287	40.00	ng	-0.02
41) Acenaphthene-d10	7.964	164	176612	40.00	ng	-0.02
67) Phenanthrene-d10	9.392	188	301283	40.00	ng	-0.02
81) Chrysene-d12	12.408	240	297725	40.00	ng	-0.03
96) Perylene-d12	14.002	264	301203	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.348	112	209051	97.90	ng	-0.02
Spiked Amount 100.000			Recovery = 97.90%			
9) Phenol-d5	5.263	99	288842	94.59	ng	-0.01
Spiked Amount 100.000			Recovery = 94.59%			
24) Nitrobenzene-d5	6.022	128	56891	46.77	ng	-0.02
Spiked Amount 50.000			Recovery = 93.54%			
46) 2-Fluorobiphenyl	7.397	172	278136	46.03	ng	-0.02
Spiked Amount 50.000			Recovery = 92.06%			
70) 2,4,6-Tribromophenol	8.686	330	103824	89.94	ng	-0.02
Spiked Amount 100.000			Recovery = 89.94%			
84) Terphenyl-d14	11.183	244	420285	50.80	ng	-0.02
Spiked Amount 50.000			Recovery = 101.60%			
Target Compounds						Qvalue
5) Benzaldehyde	5.273	77	3551	2.42	ng	11
10) Phenol	5.273	94	302923	91.42	ng	89
11) 2-Chlorophenol	5.386	128	254787	98.78	ng	76
14) 1,4-Dichlorobenzene	5.578	146	126869	43.03	ng	97
18) 2-Methylphenol	5.781	108	226381	97.22	ng	97
21) N-Nitroso-di-n-propyla...	5.899	70	86364	43.79	ng	75
28) 2,4-Dimethylphenol	6.322	107	261947	99.91	ng	93
32) 1,2,4-Trichlorobenzene	6.530	180	114558	43.31	ng	95
33) Naphthalene	6.594	128	365322	46.26	ng	98
37) 4-Chloro-3-methylphenol	6.990	107	226132	93.54	ng	83
55) Acenaphthene	7.990	153	256103	47.77	ng	95
59) 2,4-Dinitrotoluene	8.124	165	82935	44.57	ng	68
60) 4-Nitrophenol	8.060	65	86166	75.98	ng	93
62) Fluorene	8.461	166	298277	47.02	ng	100
75) Pentachlorophenol	9.188	266	87941	71.54	ng	95
78) Carbazole	9.643	167	405141	46.91	ng	96
82) Pyrene	10.991	202	499802	51.40	ng	79
88) Butylbenzylphthalate	11.772	149	203982	53.88	ng	69
92) 3,3'-Dichlorobenzidine	12.382	252	4589	1.77	ng	89
103) Benzo[g,h,i]perylene	15.511	276	9765	1.30	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed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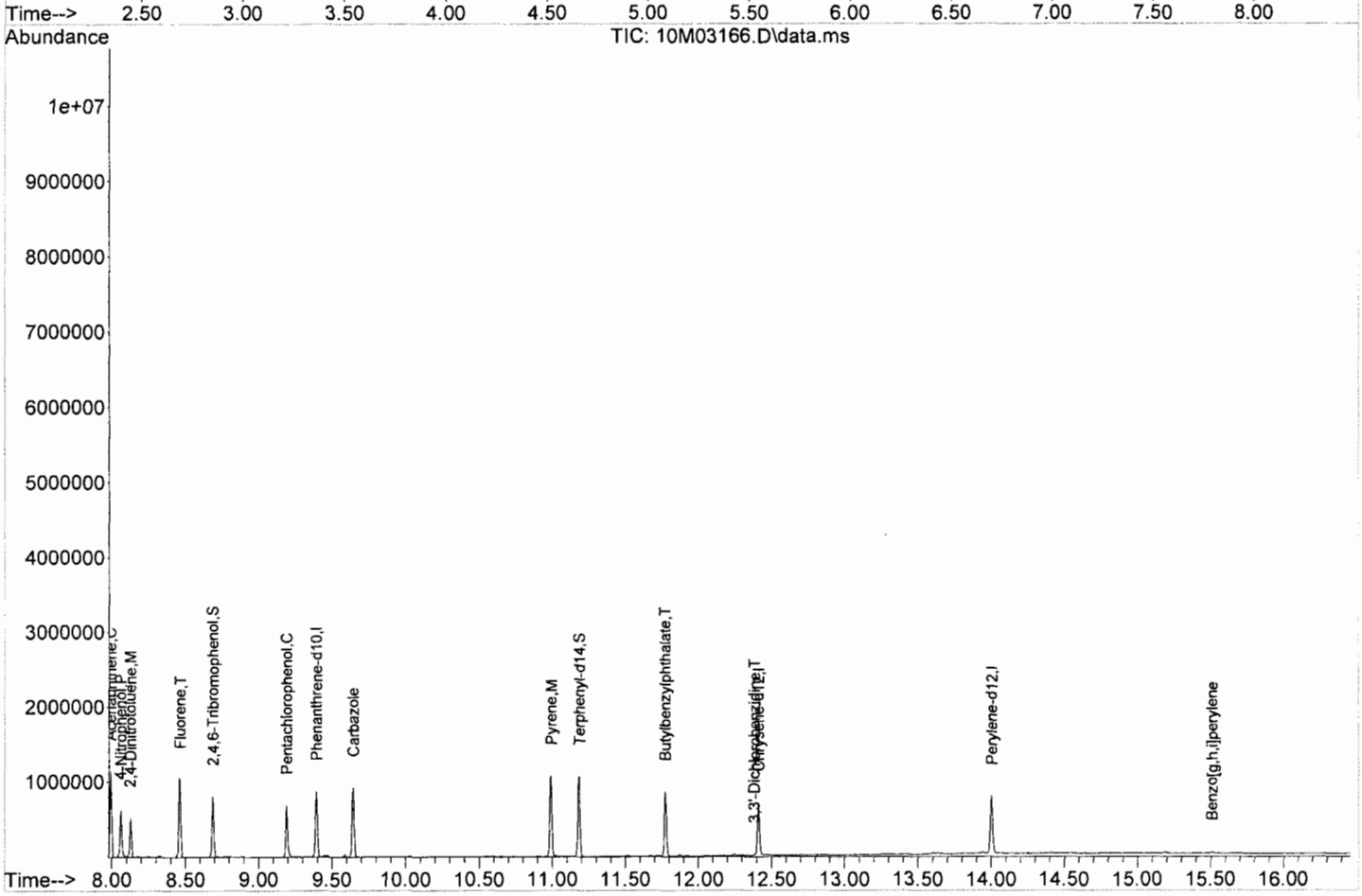
Quant QT Reviewed
SampleID : SMB4052(MS)
Data File: 10M03166.D
Acq On : 02/24/09 12:54
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : S,BNA
Qt Meth : 10M_0219.M
Qt On : 02/24/09 13:41
Qt Upd On: 02/19/09 15:07
1e+07
9000000
8000000
7000000
6000000
5000000
4000000
3000000
2000000
1000000
2-Fluorophenol,S
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Fluorobiphenyl,S
4-Nitrophenol,P
2,4-Dinitrotoluene,M
Time-->
2.50
3.00
3.50
4.00
4.50
5.00
5.50
6.00
6.50
7.00
7.50
8.00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8000000
7000000
6000000
5000000
4000000
3000000
2000000
1000000
4-Nitrophenol,P
2,4-Dinitrotoluene,M
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Phenanthrene-d10,I
Carbazole
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->
8.00
8.50
9.00
9.50
10.00
10.50
11.00
11.50
12.00
12.50
13.00
13.50
14.00
14.50
15.00
15.50
16.00

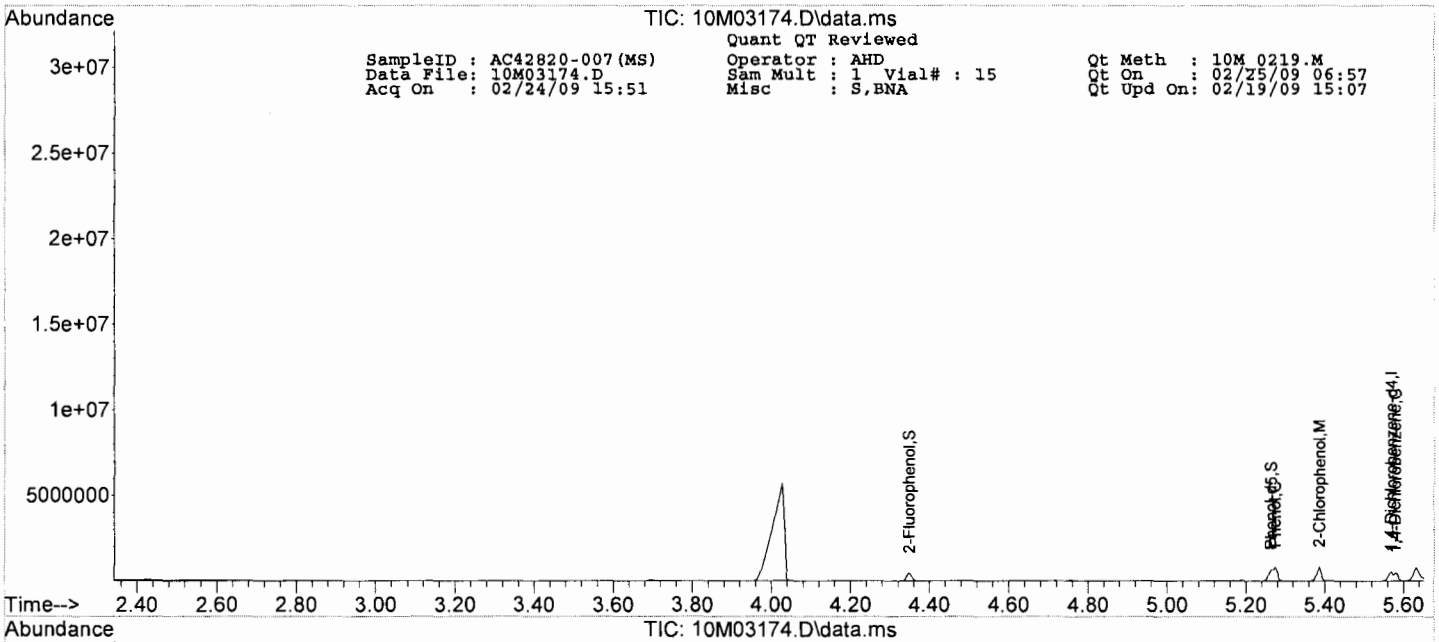
Quantitation Report (QT Reviewed)

SampleID : AC42820-007(MS) Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03174.D Sam Mult : 1 Vial# : 15 Qt On : 02/25/09 06:57
Acq On : 02/24/09 15:51 Misc : S,BNA Qt Upd On: 02/19/09 15:07

Data Path : G:\GcMsData\2009\GCMS_10\Data\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.567	152	70170	40.00	ng	-0.02
23) Naphthalene-d8	6.578	136	317601	40.00	ng	-0.02
41) Acenaphthene-d10	7.969	164	226576	40.00	ng	-0.02
67) Phenanthrene-d10	9.402	188	398540	40.00	ng	-0.01
81) Chrysene-d12	12.462	240	366106	40.00	ng	0.03
96) Perylene-d12	14.088	264	343020	40.00	ng	0.06
System Monitoring Compounds						
4) 2-Fluorophenol	4.348	112	118955	61.35	ng	-0.02
Spiked Amount 100.000			Recovery =	61.35%		
9) Phenol-d5	5.263	99	189768	68.44	ng	-0.01
Spiked Amount 100.000			Recovery =	68.44%		
24) Nitrobenzene-d5	6.022	128	40132	30.78	ng	-0.02
Spiked Amount 50.000			Recovery =	61.56%		
46) 2-Fluorobiphenyl	7.397	172	240831	31.06	ng	-0.02
Spiked Amount 50.000			Recovery =	62.12%		
70) 2,4,6-Tribromophenol	8.696	330	111298	72.88	ng	-0.01
Spiked Amount 100.000			Recovery =	72.88%		
84) Terphenyl-d14	11.210	244	400312	39.35	ng	0.00
Spiked Amount 50.000			Recovery =	78.70%		
Target Compounds						Qvalue
10) Phenol	5.273	94	194440	64.63	ng	90
11) 2-Chlorophenol	5.386	128	169556	72.40	ng	76
14) 1,4-Dichlorobenzene	5.578	146	91964	34.35	ng	98
18) 2-Methylphenol	5.781	108	158187	74.82	ng	95
21) N-Nitroso-di-n-propyla...	5.904	70	77740	43.41	ng	72
28) 2,4-Dimethylphenol	6.322	107	197618	70.32	ng	95
32) 1,2,4-Trichlorobenzene	6.535	180	95313	33.62	ng	93
33) Naphthalene	6.594	128	312269	36.89	ng	99
37) 4-Chloro-3-methylphenol	6.995	107	188706	72.82	ng	76
38) 2-Methylnaphthalene	7.119	142	7131	1.20	ng	97
48) 1,4-Dimethylnaphthalene	7.776	156	12343	2.31	ng	82
55) Acenaphthene	7.996	153	247245	35.95	ng	96
59) 2,4-Dinitrotoluene	8.129	165	73196	30.66	ng	67
60) 4-Nitrophenol	8.065	65	98662	67.82	ng	91
62) Fluorene	8.466	166	307158	37.74	ng	97
75) Pentachlorophenol	9.204	266	134195	81.12	ng	98
76) Phenanthrene	9.429	178	143363	11.83	ng	95
77) Anthracene	9.483	178	37587	3.07	ng	87
78) Carbazole	9.654	167	424896	37.19	ng	96
80) Fluoranthene	10.766	202	185363	13.92	ng	87
82) Pyrene	11.018	202	696519	58.25	ng	86
88) Butylbenzylphthalate	11.804	149	233591	50.18	ng	75
93) Benzo[a]anthracene	12.451	228	87611	7.13	ng	99
94) Chrysene	12.489	228	88341	7.54	ng	96
95) bis(2-Ethylhexyl)phtha...	12.515	149	577728	86.37	ng	92
98) Benzo[b]fluoranthene	13.687	252	124856m	11.52	ng	
99) Benzo[k]fluoranthene	13.703	252	31831m	2.93	ng	
100) Benzo[a]pyrene	14.029	252	75721	7.39	ng	74
101) Indeno[1,2,3-cd]pyrene	15.313	276	66872	6.27	ng	75
102) Dibenzo[a,h]anthracene	15.329	278	16579	1.72	ng	78
103) Benzo[g,h,i]perylene	15.660	276	76025	8.91	ng	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed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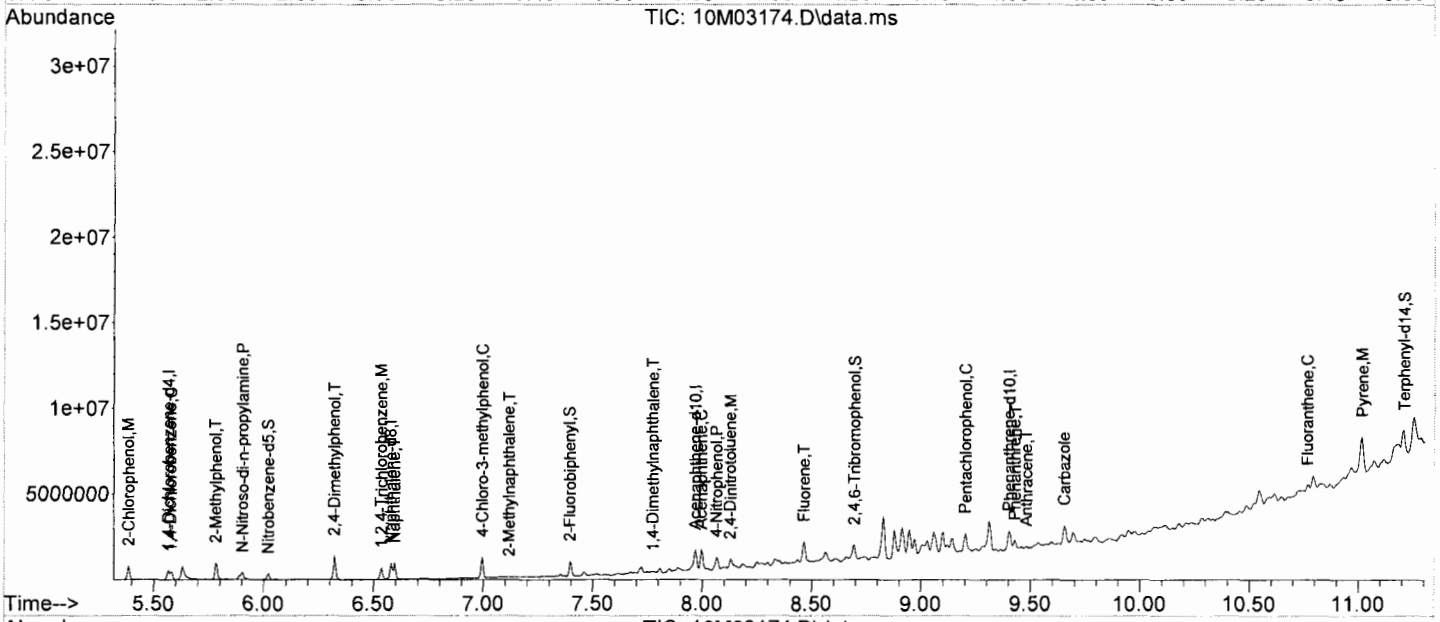
Quant QT Reviewed
SampleID : AC42820-007(MS)
Data File: 10M03174.D
Acq On : 02/24/09 15:51
Operator : AHD
Sam Mult : 1 Vial# : 15
Misc : S,BNA
Qt Meth : 10M_0219.M
Qt On : 02/25/09 06:57
Qt Upd On: 02/19/09 15:07
3e+07
2.5e+07
2e+07
1.5e+07
1e+07
5000000
2-Fluorophenol,S
2-Chlorophenol,M
Time-->
2.40
2.60
2.80
3.00
3.20
3.40
3.60
3.80
4.00
4.20
4.40
4.60
4.80
5.00
5.20
5.40
5.60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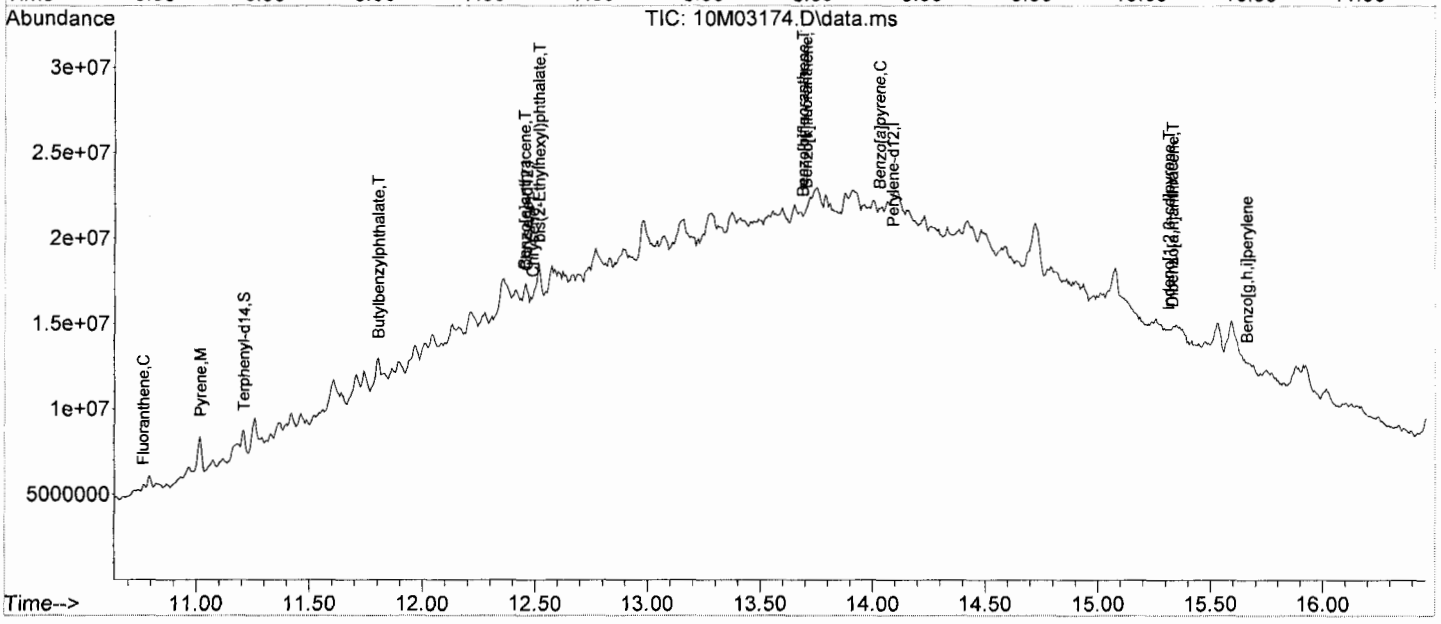
TIC: 10M03174.D\data.ms
3e+07
2.5e+07
2e+07
1.5e+07
1e+07
5000000
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Methylnaphthalene,T
2-Fluorobiphenyl,S
1,4-Dimethylnaphthalene,T
4-Nitrophenol,P
2,4-Dinitrotoluene,M
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Carbazole
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Time-->
5.50
6.00
6.50
7.00
7.50
8.00
8.50
9.00
9.50
10.00
10.50
11.00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2e+07
1.5e+07
1e+07
5000000
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->
11.00
11.50
12.00
12.50
13.00
13.50
14.00
14.50
15.00
15.50
16.00

Quantitation Report (QT Reviewed)

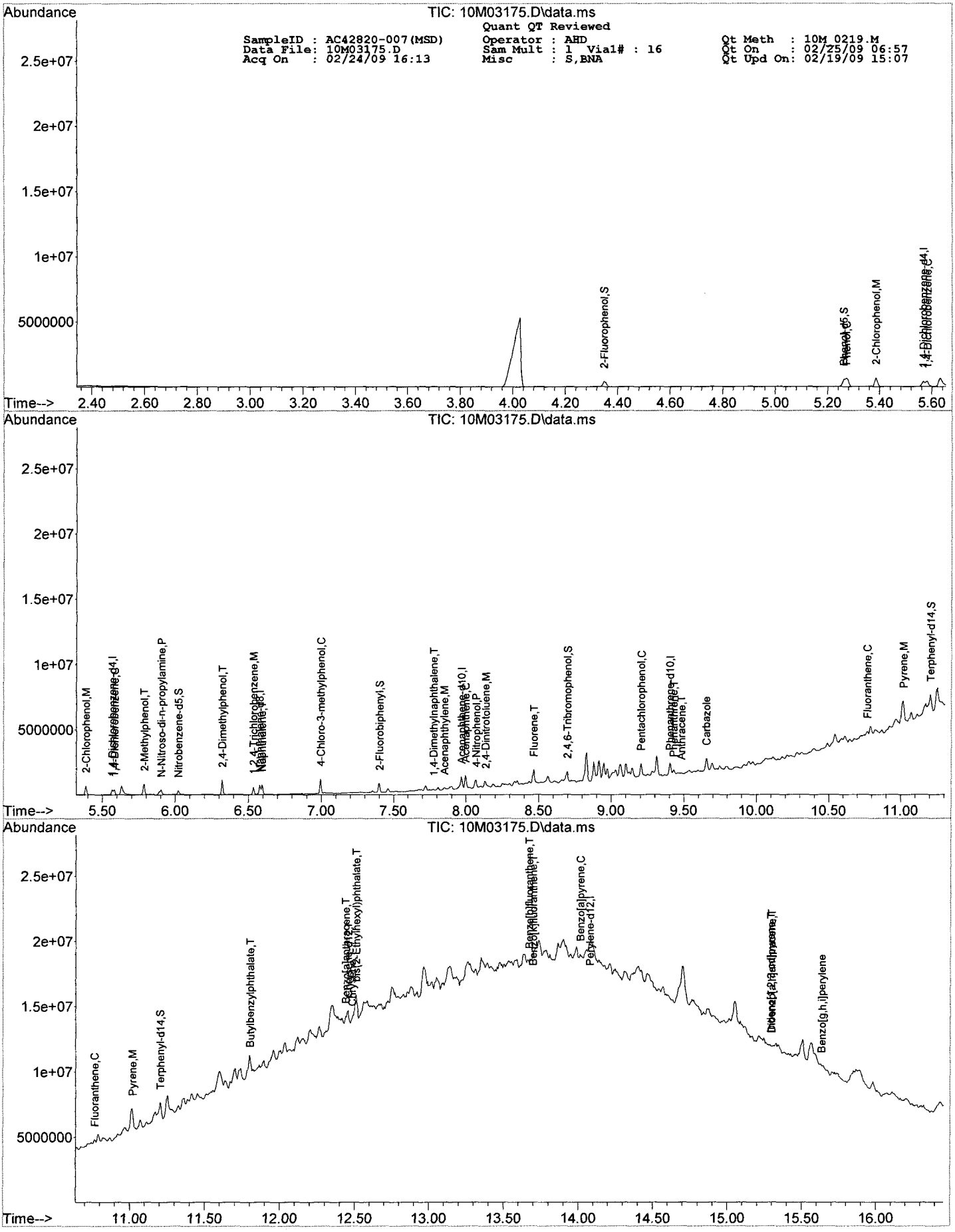
SampleID : AC42820-007(MSD) Operator : AHD Qt Meth : 10M_0219.M
Data File: 10M03175.D Sam Mult : 1 Vial# : 16 Qt On : 02/25/09 06:57
Acq On : 02/24/09 16:13 Misc : S,BNA Qt Upd On: 02/19/09 15:07

Data Path : G:\GCMSDATA\2009\GCMS_10\DATA\02-24-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.567	152	51480	40.00	ng	-0.02
23) Naphthalene-d8	6.578	136	236894	40.00	ng	-0.02
41) Acenaphthene-d10	7.969	164	169207	40.00	ng	-0.02
67) Phenanthrene-d10	9.402	188	327021	40.00	ng	-0.01
81) Chrysene-d12	12.457	240	313642	40.00	ng	0.02
96) Perylene-d12	14.077	264	306349	40.00	ng	0.05
System Monitoring Compounds						
4) 2-Fluorophenol	4.348	112	104218	73.26	ng	-0.02
Spiked Amount 100.000			Recovery = 73.26%			
9) Phenol-d5	5.263	99	156786	77.08	ng	-0.01
Spiked Amount 100.000			Recovery = 77.08%			
24) Nitrobenzene-d5	6.022	128	34428	35.40	ng	-0.02
Spiked Amount 50.000			Recovery = 70.80%			
46) 2-Fluorobiphenyl	7.402	172	199718	34.50	ng	-0.02
Spiked Amount 50.000			Recovery = 69.00%			
70) 2,4,6-Tribromophenol	8.696	330	99672	79.55	ng	-0.01
Spiked Amount 100.000			Recovery = 79.55%			
84) Terphenyl-d14	11.205	244	370618	42.52	ng	0.00
Spiked Amount 50.000			Recovery = 85.04%			
Target Compounds						Qvalue
10) Phenol	5.273	94	169786	76.92	ng	91
11) 2-Chlorophenol	5.386	128	145427	84.64	ng	79
14) 1,4-Dichlorobenzene	5.583	146	76267	38.83	ng	98
18) 2-Methylphenol	5.787	108	139085	89.66	ng	96
21) N-Nitroso-di-n-propyla...	5.904	70	71424	54.36	ng	72
28) 2,4-Dimethylphenol	6.322	107	170836	81.50	ng	96
32) 1,2,4-Trichlorobenzene	6.536	180	80007	37.83	ng	95
33) Naphthalene	6.594	128	254407	40.30	ng	98
37) 4-Chloro-3-methylphenol	6.996	107	163776	84.73	ng	80
48) 1,4-Dimethylnaphthalene	7.776	156	10831	2.71	ng	85
52) Acenaphthylene	7.851	152	8937	1.12	ng	96
55) Acenaphthene	7.996	153	207107	40.32	ng	97
59) 2,4-Dinitrotoluene	8.135	165	66710	37.42	ng	56
60) 4-Nitrophenol	8.071	65	85592	78.78	ng	83
62) Fluorene	8.466	166	269736	44.38	ng	98
75) Pentachlorophenol	9.205	266	126869	91.93	ng	99
76) Phenanthrene	9.429	178	94260	9.48	ng	95
77) Anthracene	9.483	178	25820	2.57	ng	90
78) Carbazole	9.654	167	391152	41.72	ng	96
80) Fluoranthene	10.766	202	152741	13.97	ng	87
82) Pyrene	11.018	202	629447	61.45	ng	84
88) Butylbenzylphthalate	11.804	149	236176	59.22	ng	66
93) Benzo[a]anthracene	12.440	228	75786	7.20	ng	97
94) Chrysene	12.483	228	70051	6.98	ng	97
95) bis(2-Ethylhexyl)phtha...	12.510	149	549181	95.83	ng	89
98) Benzo[b]fluoranthene	13.671	252	96697m	9.99	ng	
99) Benzo[k]fluoranthene	13.697	252	27301m	2.82	ng	
100) Benzo[a]pyrene	14.013	252	65579	7.17	ng	82
101) Indeno[1,2,3-cd]pyrene	15.291	276	52647	5.53	ng	84
102) Dibenzo[a,h]anthracene	15.297	278	12666	1.47	ng	48
103) Benzo[g,h,i]perylene	15.634	276	57578	7.56	ng	85

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

AR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Quant QT Reviewed
SampleID : AC42820-007(MSD)
Data File: 10M03175.D
Acq On : 02/24/09 16:13
Operator : AHD
Sam Mult : 1 Vial# : 16
Misc : S,BNA
Qt Meth : 10M_0219.M
Qt On : 02/25/09 06:57
Qt Upd On: 02/19/09 15:07
2.5e+07
2e+07
1.5e+07
1e+07
5000000
2-Fluorophenol,S
2-Chlorophenol,M
Time-->
2.40 2.60 2.80 3.00 3.20 3.40 3.60 3.80 4.00 4.20 4.40 4.60 4.80 5.00 5.20 5.40 5.60
Abundance
TIC: 10M03175.D\data.ms
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Fluorobiphenyl,S
1,4-Dimethylnaphthalene,T
Acenaphthylene,M
Acenaphthene,C
4-Nitrophenol,P
2,4-Dinitrotoluene,M
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Carbazole
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Time-->
5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50 11.00
Abundance
TIC: 10M03175.D\data.ms
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->
11.00 11.50 12.00 12.50 13.00 13.50 14.00 14.50 15.00 15.50 16.00

GC/MS Semi-Volatile Data
Logbook Data

Extraction of Semi-volatile - Aqueous
Method 3510 C

Method Blank No. WMB- 4054 Date: 2/23/09
Blank Spike (MBS): 4053, 4054 Matrix Spike: 42825-001, 42849-003

Sample Number	Number in Batch	Initial Volume	Final Volume	Fraction			Extracted By/ Comments	Ext. by	TCLP QC	Extract Fluid
				BN	BNA	AE				
MB - 4054	X	1000mL	1.0mL		↓			ND		
MBS- 4054	X	1000mL	↓					↓		
42817-001	13	900mL								
42817-002	14	500mL	0.5mL				Y2 SURR			
42837-001	15	980mL	1.0mL							
42837-002	16	500mL	0.5mL				Y2 SURR			
42831-001	17	960mL	1.0mL							
42831-002	18	950mL								
NO 2/23/09 42831-003	19	950mL								
42831-004	20	960mL	↓	↓						
MS-42849-003	X	500mL	1.0~~5~~mL		↓					
MSD-42849-003	X	↓	1.0mL							
42849-003	1		0.5mL				Y2 SURR			
42821-001	2	↓	↓		↓		↓			
42849-001	3	960mL	1.0mL	↓						
42849-002	4	960mL	↓							
42849-004	5	970mL								
42849-005	6	980mL								
42850-001	7	900mL								
42850-002	8	960mL								
42850-003	9	900mL								
42850-004	10	910mL	↓	↓				↓		

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	2000	V-3752	BN SPK
↓	↓	V-3829	ACID COMP
		V80966	PYRIDINE

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	1000/2000	V-44166	BN SURR

Reagent Lots: MeCL2 V-3856 Acetone _____ Hexane _____ Na2SO4 V-3780

Other _____

Relinquished By: _____ Date: 2/23/09
Received By: _____ Date: 02/24/09

Extraction of Semi-volatile - Aqueous
Method 3510 C

Method Blank No. WMB- 4055 Date: 2/24/9
Blank Spike (MBS): 4054;4055 Matrix Spike: 42849-003; 42833-007

Sample Number	Number in Batch	Initial Volume	Final Volume	Fraction			Extracted By/ Comments	Ext. by	TCLP QC	Extract Fluid
				BN	BNA	AE				
MB 4055	X	1000ml	1.0mL		X			JH	42833-007	EF1 V-61190
MBS 4055	X	↓								
42868-006	11	900								
42868-008	12	↓								
42868-009	13	930								
42868-012	14	1000								
42857-002	15	980								
42857-003	16	920								
42857-004	17	1000								
42857-005	18	1000								
42857-006	19	920								
42857-007	20	940								
MS 42833-007	X	250								
MSD 42833-007	X	↓								
42833-007	1	↓			↓				1	4
42843-006	2	900		X						
42843-007	3	↓		↓						
42843-008	4	910								
42851-009	5	900								
42851-010	6	930	↓	↓				↓		

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	2000	V3752	BN SPK
↓	↓	V3829	ACID COMP
		V50966	PYRIDINE

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	1000/2000	V44166	BN SURR

Reagent Lots: MeCL2 V3858 Acetone _____ Hexane _____ Na2SO4 V3780

Other _____

Relinquished By: JH Date: 2/24/9
Received By: JBr Date: 02/24/09

Analysis: BN/ BNA / AE

Method Blank No. SMB- 4052
Blank Spike (SMBS): 4051; 4052
Blank Spike (SMBS): _____

Date: 2/24/09
Matrix Spike: 42866-012; 42820-007
Matrix Spike: _____

SONICATION EXTRACTION (3550B) UNLESS CHECKED HERE: ASE (3545)_____

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Extracted By/Comments
MB 4052	X	30 g	1ml				MP
MBS 4052	X	↓	↓		↓		↓
42845-001	18						
42845-002	19						
42845-003	20						
MS 42820-007	X						
MSD 42820-007	X						
42820-007	1						
42845-004	2						
42820-001	3						
42820-002	4						
42820-003	5						
42820-004	6						
42820-005	7						
42820-006	8						
42820-008	9						
42820-009	10						
42820-010	11						
42820-011	12						
42868-001	13						
42868-002	14						
42868-003	15						
42868-004	16						
42868-005	17	↓	↓		↓		↓

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	Various	V-55535	BN SPK

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	1000/2000	V-44166	BN SURR

Reagent Lots: MeCL2 V-3858 Acetone V-3791 Hexane _____ Na2SO4 V-3780 Ether _____

MTBE _____ Other _____

Relinquished By: Mansi Parikh
Received By: _____

Date: 2/24/09
Date: 02/24/09

RUN LOG

1-1-5M48935

Instrument: GCMS_5 Year: 2009
Analyst: AHD

0735

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5M48935.	CAL DFTPP	Ed1=1.2:Qc	OK,V-60070	AHD		Aqueous	1	1		02/19 09:21
5M48936.	CAL BNA@50PPM	IsC16	NOT USED	AHD		Aqueous	1	1	625 8270	02/19 09:54
5M48937.	CAL BNA@196PPM	Oc	OK,V-61071	AHD		Aqueous	1	1	625 8270	02/19 10:17
5M48938.	CAL BNA@160PPM	Oc	OK,V-61070	AHD		Aqueous	1	1	625 8270	02/19 10:52
5M48939.	CAL BNA@120PPM		OK,V-61069	AHD		Aqueous	1	1	625 8270	02/19 11:15
5M48940.	CAL BNA@80PPM		OK,V-61068	AHD		Aqueous	1	1	625 8270	02/19 11:37
5M48941.	CAL BNA@50PPM		OK,V-61067	AHD		Aqueous	1	1	625 8270	02/19 11:59
5M48942.	CAL BNA@20PPM		OK,V-61066	AHD		Aqueous	1	1	625 8270	02/19 12:22
5M48943.	CAL BNA@10PPM	IsAoC16C18	RR	AHD		Aqueous	1	1	625 8270	02/19 12:45
5M48944.	CAL BNA@2PPM		OK,V-61073	AHD		Aqueous	1	1	625 8270	02/19 13:07
5M48945.	CAL BNA@10PPM		OK,V-61065	AHD		Aqueous	1	1	625 8270	02/19 13:57
5M48946.	ICV BNA@50PPM	Ivo	OK,V-61074	AHD		Aqueous	1	1	625 8270	02/19 14:20
5M48947.	WMB4050		OK	AHD		Aqueous	1	1	625 8270	02/19 14:43
5M48948.	WMB4050(MS)		OK WMB4050	AHD		Aqueous	1	1	625 8270	02/19 15:05
5M48949.	SMB4045(MS)		OK SMB4045	AHD		Soil	1	1	8270	02/19 15:28
5M48950.	SMB4045		OK	AHD		Soil	1	1	8270	02/19 15:50
5M48951.	AC42730-008		OK SMB4045	AHD	BNA25-8270	Soil	1	1	8270	02/19 16:13
5M48952.	AC42730-008(MS)		OK SMB4045	AHD	BNA25-8270	Soil	1	1	8270	02/19 16:35
5M48953.	AC42730-008(MSD)		OK SMB4045	AHD	BNA25-8270	Soil	1	1	8270	02/19 16:58
5M48954.	AC42730-009		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 17:20
5M48955.	AC42730-010		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 17:43
5M48956.	AC42730-012		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 18:05
5M48957.	AC42730-003		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 18:27
5M48958.	AC42730-004		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 18:50
5M48959.	AC42730-005		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 19:12
5M48960.	AC42730-006		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 19:34
5M48961.	AC42680-001(T)	Esm	OK	AHD	BNATCLP-82	Aqueous	1	1	8270	02/19 19:57
5M48962.	AC42724-001(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	02/19 20:19
5M48963.	AC42750-009(R)	Sa6	EXTRACT AS BNA	AHD	BNA25-625	Aqueous	1	1	625	02/19 20:41
5M48964.	AC42756-002		OK	AHD	BN-625	Aqueous	1	1	625	02/19 21:03
5M48965.	AC42756-003		OK	AHD	BN-625	Aqueous	1	1	625	02/19 21:25
5M48966.	AC42756-004		OK	AHD	BN-625	Aqueous	1	1	625	02/19 21:48
5M48967.	AC42756-005		OK	AHD	BN-625	Aqueous	1	1	625	02/19 22:10
5M48968.	AC42756-006		OK	AHD	BN-625	Aqueous	1	1	625	02/19 22:32
5M48969.	AC42733-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/19 22:54
5M48970.	AC42733-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/19 23:16
5M48971.	AC42734-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/19 23:38
5M48972.	AC42734-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/20 00:00
5M48973.	AC42760-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/20 00:23
5M48974.	AC42760-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/20 00:45
5M48975.	AC42762-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/20 01:07
5M48976.	AC42762-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/20 01:29

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	*EvF*	*Eval Mix Failed*
B6m	Blank 600 series missing	Etn	Tdn/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tdn Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or aodrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	*R16.R26*	*Rod Out on MsMsd (col1 and or col2) 600 series*
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	*600 series sample/blank did not have passing cal*	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for *sample/blank/eval*	Ix	*Initial Cal Files Not Updated Properly for a sampl*	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	*M18.M28*	*Spike Out Col 1 and or Col 2 8000 series*	*Ti6*	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibratino
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	*Tmw*	*If for 600 ser Too many samples begin Calibration*

RUN LOG

1-1-5M49047

Instrument: GCMS_5 Year: 2009 0736
Analyst: AHD

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5M49047.	CAL DFTPP	Ed1=1.1;Oc	OK,V-60070	AHD		Aqueous	1	1		02/24 07:41
5M49048.	CAL BNA@50PPM		OK,V-61067	AHD		Aqueous	1	1	625 8270	02/24 08:11
5M49049.	WMB4054		OK	AHD		Aqueous	1	1	625 8270	02/24 08:32
5M49050.	WMB4054(MS)		OK WMB4054	AHD		Aqueous	1	1	625 8270	02/24 08:54
5M49051.	AC42796-001(30X)	Sd	OK	AHD	BN15-625	Aqueous	30	30	625	02/24 09:16
5M49052.	AC42849-001		OK	AHD	BN-8270	Aqueous	1	1	8270	02/24 09:38
5M49053.	AC42849-002		OK	AHD	BN-8270	Aqueous	1	1	8270	02/24 10:00
5M49054.	AC42849-003		OK WMB4054	AHD	BN-8270	Aqueous	1	1	8270	02/24 10:22
5M49055.	AC42849-003(MS)		OK WMB4054	AHD	BN-8270	Aqueous	1	1	625 8270	02/24 10:44
5M49056.	AC42849-003(MSD)		OK WMB4054	AHD	BN-8270	Aqueous	1	1	625 8270	02/24 11:06
5M49057.	AC42849-004	Sb8	RR	AHD	BN-8270	Aqueous	1	1	8270	02/24 11:28
5M49058.	AC42849-005	Sb8	RR	AHD	BN-8270	Aqueous	1	1	8270	02/24 11:50
5M49059.	AC42817-001	Oc	RR 10X	AHD	BN15-625	Aqueous	1	1	625	02/24 12:12
5M49060.	AC42817-002	Sa6Sa8	ON HOLD	AHD	ERROR	Aqueous	1	1	625 8270	02/24 12:34
5M49061.	AC42817-001(10X)		OK	AHD	BN15-625	Aqueous	10	10	625	02/24 12:56
5M49062.	WMB4055(MS)		OK WMB4055	AHD		Aqueous	1	1	625 8270	02/24 13:19
5M49063.	WMB4055		OK	AHD		Aqueous	1	1	625 8270	02/24 13:41
5M49064.	AC42833-007(T)		OK WMB4055	AHD	BNATCLP-82	Aqueous	1	1	8270	02/24 14:03
5M49065.	AC42849-004	Sb8	RE-EXTRACT	AHD	BN-8270	Aqueous	1	1	8270	02/24 14:25
5M49066.	AC42849-005	Sb8	RE-EXTRACT	AHD	BN-8270	Aqueous	1	1	8270	02/24 14:47
5M49067.	AC42843-006		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 15:09
5M49068.	AC42843-007		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 15:32
5M49069.	AC42843-008		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 15:54
5M49070.	AC42833-007(T)(MS)		OK WMB4055	AHD	BNATCLP-82	Aqueous	1	1	625 8270	02/24 16:16
5M49071.	AC42833-007(T)(MSD)		OK WMB4055	AHD	BNATCLP-82	Aqueous	1	1	625 8270	02/24 16:38
5M49072.	AC42821-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 17:00
5M49073.	AC42831-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 17:23
5M49074.	AC42831-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 17:45
5M49075.	AC42831-003		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 18:07
5M49076.	AC42831-004		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 18:29
5M49077.	AC42837-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 18:51
5M49078.	AC42837-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 19:13
5M49079.	AC42850-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 19:35
5M49080.	AC42850-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 19:57
5M49081.	AC42850-003		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 20:19
5M49082.	AC42850-004		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 20:41
5M49083.	AC42868-006		OK	AHD	BNA25-625	Aqueous	1	1	625	02/24 21:03
5M49084.	AC42868-008		OK	AHD	BNA25-625	Aqueous	1	1	625	02/24 21:25
5M49085.	AC42868-009		OK	AHD	BNA25-625	Aqueous	1	1	625	02/24 21:47
5M49086.	AC42868-012		OK	AHD	BNA25-625	Aqueous	1	1	625	02/24 22:09
5M49087.	AC42851-009		OK	AHD	BN15-625	Aqueous	1	1	625	02/24 22:31
5M49088.	AC42851-010	Sa6Sa8Ti8	ON HOLD	AHD	ERROR	Aqueous	1	1	625 8270	02/24 22:53
5M49089.	AC42857-002		OK	AHD	BNA25-625	Aqueous	1	1	625	02/24 23:15
5M49090.	AC42857-003		OK	AHD	BNA25-625	Aqueous	1	1	625	02/24 23:37
5M49091.	AC42857-004	Sb6	RE-EXTRACT	AHD	BNA25-625	Aqueous	1	1	625	02/24 23:58
5M49092.	AC42857-005		OK	AHD	BNA25-625	Aqueous	1	1	625	02/25 00:20
5M49093.	AC42857-006	Sa6	RE-EXTRACT,RE-EXTRACT & RR2X	AHD	BNA25-625	Aqueous	1	1	625	02/25 00:42
5M49094.	AC42857-007		OK	AHD	BNA25-625	Aqueous	1	1	625	02/25 01:04

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Pmb with calrpt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endinp Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	Problem Checking Prep/rundates modcheckprepruncs	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_10 Year: 2009
Analyst: AHD

0737

1-1-10M03052

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
10M03052.	CAL DFTPP	Ed1=1.7;Oc	OK.V-60070	AHD		Aqueous	1	1		02/19 09:50
[illegible]3053.	CAL BNA@50PPM	lv	OK.V-61067	AHD		Aqueous	1	1	625 8270	02/19 10:12
[illegible]3054.	CAL BNA@196PPM	Oc	OK.V-61071	AHD		Aqueous	1	1	625 8270	02/19 10:36
10M03055.	CAL BNA@160PPM	Oc	OK.V-61070	AHD		Aqueous	1	1	625 8270	02/19 10:58
10M03056.	CAL BNA@120PPM		OK.V-61069	AHD		Aqueous	1	1	625 8270	02/19 11:33
10M03057.	CAL BNA@80PPM	lv	OK.V-61068	AHD		Aqueous	1	1	625 8270	02/19 11:55
10M03058.	CAL BNA@20PPM	lv	OK.V-61066	AHD		Aqueous	1	1	625 8270	02/19 12:18
10M03059.	CAL BNA@10PPM	lv	OK.V-61065	AHD		Aqueous	1	1	625 8270	02/19 12:40
10M03060.	CAL BNA@2PPM	lv	OK.V-61073	AHD		Aqueous	1	1	625 8270	02/19 13:02
10M03061.	ICV BNA@50PPM	Is lv o lv o	OK.V-61074	AHD		Aqueous	1	1	625 8270	02/19 13:35

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bn	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rnd Out on MsMsd (col1 and nr col2) 600 series
C	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rnd Out on MsMsd (col1 and nr col2) 8000 series
(	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rts	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samnl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruna	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-10M03160

Instrument: GCMS_10Year: 2009
Analyst: AHD

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil		Method(s)	Analysis Date
10M03160.	CAL DFTPP	Ed1=1.5:Oc	OK,V-60070	AHD		Aqueous	1	1			02/24 10:42
1	3161. CAL BNA@50PPM	C16	OK,V-61067	AHD		Aqueous	1	1	625	8270	02/24 11:04
1	3162. SMB4051		OK	AHD		Soil	1	1		8270	02/24 11:26
10M03163.	AC42688-001(5X)		OK	AHD	BN15-8270	Soil	5	5		8270	02/24 11:48
10M03164.	AC42815-002(5X)		RR 2X	AHD	BNA25-8270	Soil	5	5		8270	02/24 12:10
10M03165.	AC42815-003		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 12:32
10M03166.	SMB4052(MS)		OK SMB4052	AHD		Soil	1	1		8270	02/24 12:54
10M03167.	SMB4052		OK	AHD		Soil	1	1		8270	02/24 13:17
10M03168.	AC42815-004		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 13:39
10M03169.	AC42860-003		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 14:01
10M03170.	AC42859-005		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 14:23
10M03171.	AC42805-028(2X)		OK	AHD	BNPAH-8270	Soil	2	2		8270	02/24 14:45
10M03172.	AC42815-002(2X)		OK	AHD	BNA25-8270	Soil	2	2		8270	02/24 15:07
10M03173.	AC42820-007		OK SMB4052	AHD	BNA25-8270	Soil	1	1		8270	02/24 15:29
10M03174.	AC42820-007(MS)		OK SMB4052	AHD	BNA25-8270	Soil	1	1		8270	02/24 15:51
10M03175.	AC42820-007(MSD)		OK SMB4052	AHD	BNA25-8270	Soil	1	1		8270	02/24 16:13
10M03176.	AC42820-004		OK	AHD	BNPAH-8270	Soil	1	1		8270	02/24 17:36
10M03177.	AC42820-005		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 17:58
10M03178.	AC42820-006		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 18:20
10M03179.	AC42845-001		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 18:42
10M03180.	AC42845-002		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 19:04
10M03181.	AC42845-003		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 19:26
10M03182.	AC42845-004		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 19:48
10M03183.	AC42868-001		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 20:10
10M03184.	AC42868-002		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 20:32
10M03185.	AC42868-003		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 20:54
10M03186.	AC42868-004		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 21:16
10M03187.	AC42868-005		OK	AHD	BNA25-8270	Soil	1	1		8270	02/24 21:38
10M03188.		TnIsCnSnc	Not Quant'd								
10M03189.		TnIsCnSnc	Not Quant'd								
10M03190.		TnIsCnSnc	Not Quant'd								

Anc	Area Not Checked	Eo	*Extraction Performed Past Hold*	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	*Blank 8000 series missing*	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C(	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C(	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C2b	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	*Can't Calculate Drift*
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	*8000 series sample/blank did not have passing cal*	Iv	Prob with calmt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	*Outside of 500 series Tune time*
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckprepruncls	Mnc	*Spike Not Checked for this ms/msd*	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 sar Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-55535

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA SOIL SPIKE MIX	BatchNumber:	
Prep Date:	11/12/2008	Concentration:	Various
Expiration Date:	10/31/2009	Final Volume:	200 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3701	acetone	250 ml	neat neat	
3294	Pentachlorophenol	.5 g	neat	2000 ppm
3732	4-Nitrophenol	.5 g	neat neat	2000 ppm
946	Phenol	.5 g	neat	2000 ppm
2814	4-CHLORO-3-METHYLPHENOL	.5 g	NEAT neat	2000 ppm
1343	2-CHLOROPHENOL	.5 g	NEAT	2000 ppm
2845	2-Methylphenol	.5 g	neat neat	2000 ppm
3295	2,4-Dimethylphenol	.5 g	neat neat	2000 ppm
1888	1,2,4-TRICHLOROBENZENE	.25 g	NEAT	1000 ppm
1887	1,4-DICHLOROBENZENE	.25 g	NEAT	1000 ppm
1886	CARBAZOLE	.25 g	NEAT	1000 ppm
1885	BUTYL BENZYL PHTHALATE	.25 g	NEAT	1000 ppm
2849	Fluorene	.25 g	neat neat	1000 ppm
2850	Naphthalene	.25 g	neat neat	1000 ppm
2851	N-Nitroso-n-propylamine	.25 g	neat neat	1000 ppm
2852	2,4-Dinitrotoluene	.25 g	neat neat	1000 ppm
2853	Pyrene	.25 g	neat neat	1000 ppm
3736	Acenaphthene	.25 g	neat neat	1000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-41906

Prepared By: Hamid, Akmal
Description: DFTPP STOCK STD.
Prep Date: 4/1/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3202	methylene chloride	5 ml	neat neat	
3203	DFTPP	.01 g	neat	2000 ppm

Veritech Lot Number: V-42748

Prepared By: Hamid,Akmal
Description: BNA-5 MIX
Prep Date: 4/16/2008
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2176	PENTACHLOROETHANE	.05 g	NEAT	5000 ppm
2394	n-Octadecane	.05 g	NEAT	5000 ppm
2395	n-Decane	.05 g	NEAT	5000 ppm
2185	BIPHENYL	.05 g	NEAT	5000 ppm
866	1,4-Dimethlnaphthlene	.05 g	neat	5000 ppm
3211	methylene chloride	10 ml	neat neat	5000

Veritech Lot Number: V-44166

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 5/6/2008
Expiration Date: 5/5/2009
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1690	2-Fluorobiphenyl	1 g	Neat neat	1000 ppm
2930	p-Terphenyl-d14	1 g	neat neat	1000 ppm
2586	Phenol-d5	2 g	neat neat	2000 ppm
2874	2-FLUOROPHENOL	1.6 ml	NEAT neat	2000 ppm
2584	Nitrobenzene-d5	800 ul	Neat neat	1000 ppm
2585	2,4,6-Tribromophenol	2 g	Neat neat	2000 ppm
3301	Acetone	1000 ml	neat neat	

Veritech Lot Number: V-47682

Prepared By: Hamid, Akmal
Description: BNA Internal Std.
Prep Date: 7/8/2008
Expiration Date: 7/7/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2613	Chrysene	1 g	neat neat	2000 ppm
2614	Perylene-d12	1 g	neat neat	2000 ppm
2612	Phenanthrene-d10	1 g	neat neat	2000 ppm
2611	Naphthalene-d8	1 g	neat neat	2000 ppm
2615	1,4-Dichlorobenzene-d4	1 g	neat neat	2000 ppm
2616	Acenaphthene-d10	1 g	neat neat	2000 ppm
3398	methylene chloride	500 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53065

Prepared By: Hamid,Akmal
Description: BNA-Pest Mix
Prep Date: 10/1/2008
Expiration Date: 10/1/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3639	4.4'-DDT	.01 g	NEAT	1000 ppm
3640	4.4'-DDD	.01 g	NEAT	1000 ppm
3641	4.4'-DDE	.01 g	NEAT	1000 ppm
3642	ENDRIN	.01 g	NEAT	1000 ppm
3643	Endrin aldehyde	.01 g	NEAT	1000 ppm
3644	Endrin ketone	.01	NEAT	1000 ppm
3650	Methylene Chlroide	10 ml	neat neat	

Veritech Lot Number: V-58452

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3790	methlyene chloride	10 ml	neat neat	

Veritech Lot Number: V-58453

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1(2nd Source)
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3792	Acetone	10 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58572

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#2
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2185	BIPHENYL	.1 g	NEAT	10000 ppm
2176	PENTACHLOROETHANE	.1 g	NEAT	10000 ppm
1886	CARBAZOLE	.1 g	NEAT	10000 ppm
2394	n-Octadecane	.1 g	NEAT	10000 ppm
2395	n-Decane	.1 g	NEAT	10000 ppm
866	1,4-Dimethlnaphthlene	.1 g	neat	10000 ppm
3792	Acetone	10 ml	neat neat	
3803	PYRIDINE	.1 g	NEAT neat	10000 ppm

Veritech Lot Number: V-58577

Prepared By: Hamid, Akmal
Description: CLP MIX
Prep Date: 1/7/2009
Expiration Date: 7/6/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3790	methlyene chloride	800 ul	neat neat	
V-58453	8270 EXTRA MIX#1(2nd Source)	100 ul	10000 ppm	1000 ppm
V-58572	8270 EXTRA MIX#2	100 ul	10000 ppm	1000 ppm

Veritech Lot Number: V-58578

Prepared By: Hamid, Akmal
Description: BN MIX
Prep Date: 1/7/2009
Expiration Date: 5/22/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3752	BASE/NEUTRAL COMP MIX	5 ml	2000 ppm	1000 ppm
3751	TOXIC SUBSTANCES MIX#2	5 ml	2000 ppm	1000 ppm

Veritech Lot Number: V-59624

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 1/26/2009
Expiration Date: 1/25/2010
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1690	2-Fluorobiphenyl	1 g	Neat neat	1000 ppm
2930	p-Terphenyl-d14	1 g	neat neat	1000 ppm
2586	Phenol-d5	2 g	neat neat	2000 ppm
2874	2-FLUOROPHENOL	1.6 ml	NEAT neat	2000 ppm
2584	Nitrobenzene-d5	800 ul	Neat neat	1000 ppm
2585	2,4,6-Tribromophenol	2 g	Neat neat	2000 ppm
3792	Acetone	1000 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60070

Prepared By: Hamid, Akmal
Description: DFTPP Mix
Prep Date: 2/2/2009
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 4 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-41906	DFTPP STOCK STD.	100 ul	2000 ppm	50 ppm
3790	methlyene chloride	2900 ul	neat neat	
3879	TCL Phenol/Benzidines Mix	200 ul	2000 ppm	100 ppm
3222	DDT/Endrin Mix	800 ul	500 ppm	100 ppm

Veritech Lot Number: V-61007

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.A
Prep Date: 2/17/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 250 ppm
Final Volume: 1.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3648	8270 MegaMix	300 ul	1000 ppm	250 ppm
V-53065	BNA-Pest Mix	300 ul	1000 ppm	50 ppm
3413	Benzoic Acid mix	150 ul	2000 ppm	250 ppm
3539	605 benzidines cal mix	150 ul	2000 ppm	250 ppm
V-42748	BNA-5 MIX	60 ul	5000 ppm	250 ppm
V-59624	BNA Surrog.Std.	150 ul	1000-2000 pp	125-250 pp
3904	methylene chloride	90 ul	neat neat	

Veritech Lot Number: V-61064

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 500 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61007	BNA STOCK Std.A	400 ul	250 ppm	200 ppm
V-58452	8270 EXTRA MIX#1	10 ul	10000 ppm	200 ppm
3904	methylene chloride	90 ul	neat neat	

Veritech Lot Number: V-61065

Prepared By: Hamid, Akmal
Description: BNA 10 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 10 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	93 ul	neat neat	

Veritech Lot Number: V-61066

Prepared By: Hamid, Akmal
Description: BNA 20 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 20 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	10 ul	200 ppm	25 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	88 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61067

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-47682	BNA Internal Std.	4 ul	2000 ppm	40 ppm
V-61064	BNA STOCK Std.	50 ul	200 ppm	50 ppm
3904	methylene chloride	146 ul	neat neat	

Veritech Lot Number: V-61068

Prepared By: Hamid, Akmal
Description: BNA 80 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 80 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	58 ul	neat neat	

Veritech Lot Number: V-61069

Prepared By: Hamid, Akmal
Description: BNA 120 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 120 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	38 ul	neat neat	

Veritech Lot Number: V-61070

Prepared By: Hamid, Akmal
Description: BNA 160 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 160 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	18 ul	neat neat	

Veritech Lot Number: V-61071

Prepared By: Hamid, Akmal
Description: BNA 196 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 196 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	98 ul	200 ppm	196 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	0	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61072

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 50 ppm curve	BatchNumber:	B-5225
Prep Date:	2/18/2009	Concentration:	50 ppm
Expiration Date:	4/15/2009	Final Volume:	200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3904	methylene chloride	150 ul	neat neat	
V-61064	BNA STOCK Std.	50 ul	200 ppm	50 ppm

Veritech Lot Number: V-61073

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 2 ppm curve	BatchNumber:	B-5225
Prep Date:	2/18/2009	Concentration:	2 ppm
Expiration Date:	4/15/2009	Final Volume:	100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61072	BNA 50 ppm curve	4 ul	50 ppm	1 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	94 ul	neat neat	

Veritech Lot Number: V-61074

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA ICV CAL@50PPM	BatchNumber:	
Prep Date:	2/18/2009	Concentration:	50 ppm
Expiration Date:	5/5/2009	Final Volume:	0.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3904	methylene chloride	155 ul	neat neat	
V-58577	CLP MIX	10 ul	1000 ppm	50 ppm
V-58578	BN MIX	10 ul	1000 ppm	50 ppm
V-47682	BNA Internal Std.	4 ul	2000 ppm	40 ppm
V-59624	BNA Surrog.Std.	5	1000-2000 pp	50-100 ppm
3753	ACID COMP MIX	5	2000 ppm	50 ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 866

Description
1,4-Dimethlnaphthlene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	D17,030-5	14523CZ	11/18/97	11/25/10	Akmal	1	1ml	neat	

Veritech Control/Receipt Number: 1430

Description
Benzaldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	B1334-2G	08505LB	02/20/04	02/20/11	Hamid, Akmal	1	2G	Neat	Neat

Veritech Control/Receipt Number: 1431

Description
E-Caprolactam

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	C2204-5G	05824JI	02/20/04	02/20/11	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 1690

Description
2-Fluorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	102741-2.5	18309PD	05/02/06	05/07/10	Hamid, Akmal	2	2.5g	Neat	Neat

Veritech Control/Receipt Number: 1809

Description
DIPHENYL ETHER

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	240834-5G	09303PC	06/23/06	06/23/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1810

Description
1,2,4,5-TETRACHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	131857-5G	06024AI	06/27/06	06/27/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1886

Description
CARBAZOLE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2001	364-113C	08/09/06	07/31/11	Revolus, Jean	1	2G	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2176

Description
PENTACHLOROETHANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F937	376-75A	01/22/07	01/31/12	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2184

Description
ATRAZINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2208	348-144A	01/29/07	10/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2185

Description
BIPHENYL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F1062	348-144A	01/29/07	10/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2394

Description
n-Octadecane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2188	381-22A	05/03/07	04/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Control/Receipt Number: 2395

Description
n-Decane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2182	372-50A	05/03/07	11/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2584

Description
Nitrobenzene-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	151955	ST1692	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 2585

Description
2,4,6-Tribromophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	137715	14726KD	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2586

Description
Phenol-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	425370	EW0108	06/24/07	04/03/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2611

Description
Naphthalene-d8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-365	PR-15554/07164NP1	07/10/07	04/16/12	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2612

Description
Phenanthrene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-371	PR-17315	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2613

Description
Chrysene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-261-001	PR-17865/01227CH	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2614

Description
Perylene-d12

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-366	PR-15096/08115PR1	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2616

Description
Acenaphthene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-108	PR-17277	07/10/07	04/16/12	Hamid, Akmal	2	2g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2874

Description
2-FLUOROPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	F12804-10G	01816PE	11/15/07	11/15/20	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 2930

Description
p-Terphenyl-d14

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	T82-84074	EW1627	12/06/07	12/05/12	Hamid, Akmal	5	500m	neat	neat

Veritech Control/Receipt Number: 3202

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T. Baker	9264-03	E42404	04/01/08	04/01/10	Lopez, Jose	72	4L	neat	neat

Veritech Control/Receipt Number: 3203

Description
DFTPP

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	442543	LB52744	04/01/08	10/31/10	Hamid, Akmal	1	100m	neat	

Veritech Control/Receipt Number: 3211

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G01404	04/01/08	04/01/10	Lopez, Jose	48	4L	neat	neat

Veritech Control/Receipt Number: 3222

Description
DDT/Endrin Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48282	LB52469	04/14/08	10/31/10	Revolus, Jean	2	1ml	500	PPM

Veritech Control/Receipt Number: 3301

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	E48E25	04/29/08	04/28/10	Lopez, Jose	32	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3398

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G01404	06/10/08	06/09/10	Lopez, Jose	120	4L	neat	neat

Veritech Control/Receipt Number: 3413

Description
Benzoic Acid mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31879	A057908	06/16/08	01/31/12	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 3539

Description
605 benzidines cal mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31030	A060469	08/18/08	06/30/16	Hamid, Akmal	1	iml	2000	ppm

Veritech Control/Receipt Number: 3639

Description
4.4'-DDT

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F92	402-104B	09/26/08	06/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3640

Description
4.4'-DDD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F94	407-7A	09/26/08	07/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3641

Description
4.4'-DDE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F93	407-64A	09/26/08	08/31/14	Revolus, Jean	1	100m	NEAT	

Veritech Control/Receipt Number: 3642

Description
ENDRIN

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F98	402-16A	09/26/08	04/30/12	Revolus, Jean	1	250m	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3643

Description
Endrin aldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F99	390-94A	09/26/08	10/31/10	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3644

Description
Endrin ketone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2022	390-21B	09/26/08	09/30/11	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3648

Description
8270 MegaMix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31850	A062641	09/30/08	02/28/10	Hamid, Akmal	1	1ml	1000	ppm

Veritech Control/Receipt Number: 3650

Description
Methylene Chlroride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G33403	09/30/08	09/29/10	Lopez, Jose	120	4L	neat	

Veritech Control/Receipt Number: 3751

Description
TOXIC SUBSTANCES MIX#2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	Z-014E-PAK	B7070275	11/20/08	07/25/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3752

Description
BASE/NEUTRAL COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-BN-PAK	B8050140	11/20/08	05/22/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3753

Description
ACID COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	B8060099	11/20/08	06/10/11	Revolus, Jean	10	1ml	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3790

Description
methlyene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926403	G454003	12/23/08	12/22/10	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Control/Receipt Number: 3792

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G44E07	12/23/08	12/22/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3798

Description
ACETOPHENONE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-821	383-95A	01/02/09	06/30/12	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 3803

Description
PYRIDINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	P368-500	085002	01/06/09	01/05/12	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3879

Description
TCL Phenol/Benzidines Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47992-U	LB59885	01/27/09	07/31/11	Hamid, Akmal	3	1ml	2000	ppm

Veritech Control/Receipt Number: 3904

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G45403	02/03/09	02/02/11	Lopez, Jose	120	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 946

Description
Phenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F65	328-88B	02/10/05	09/30/10	Akmal	1	5g	neat	

Veritech Control/Receipt Number: 1343

Description
2-CHLOROPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F24	352-4B	10/18/05	10/31/09	Hamid, Akmal	1	5G	NEAT	

Veritech Control/Receipt Number: 1885

Description
BUTYL BENZYL PHTHALATE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	PT-10	361-91B	08/09/06	04/30/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1886

Description
CARBAZOLE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2001	364-113C	08/09/06	07/31/11	Revolus, Jean	1	2G	NEAT	

Veritech Control/Receipt Number: 1887

Description
1,4-DICHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F27	345-14A	08/09/06	07/31/10	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1888

Description
1,2,4-TRICHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F8	338-64B	08/09/06	03/31/10	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2814

Description
4-CHLORO-3-METHYLPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F22	392-28A	10/16/07	10/31/10	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2845

Description
2-Methylphenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F711	383-91A	10/31/07	06/30/11	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2849

Description
Fluorene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F80	368-40B	10/31/07	08/31/11	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2850

Description
Naphthalene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F55	381--115A	10/31/07	06/30/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2851

Description
N-Nitroso-n-propylamine

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F63	377-108B	10/31/07	06/03/11	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2852

Description
2,4-Dinitrotoluene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F35	371-123A	10/31/07	11/30/11	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2853

Description
Pyrene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F84	390-36B	10/31/07	09/12/12	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 3294

Description
Pentachlorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F64	401-96B	04/24/08	04/30/13	Hamid, Akmal	2	1g	neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3295

Description
2,4-Dimethylphenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F34	396-115A	04/24/08	03/31/13	Hamid, Akmal	2	1gm	neat	neat

Veritech Control/Receipt Number: 3701

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9254-03	G36E35	10/28/08	10/27/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3732

Description
4-Nitrophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	F58	409-36B	11/12/08	08/31/11	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 3736

Description
Acenaphthene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	O-782	380-77B	11/12/08	03/31/13	Hamid, Akmal	1	5g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3780

Description
Sodium Sulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Seidler	140104	401203	12/09/08	12/08/10	Lopez, Jose	4	100lb	neat	neat

Veritech Control/Receipt Number: 3791

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	12/23/08	12/22/10	Okomeng, Maxwel	28	4LT	neat	neat

Veritech Control/Receipt Number: 3858

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G54403	01/20/09	01/19/11	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-41906

Prepared By: Hamid, Akmal
Description: DFTPP STOCK STD.
Prep Date: 4/1/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3202	methylene chloride	5 ml	neat neat	
3203	DFTPP	.01 g	neat	2000 ppm

Veritech Lot Number: V-42748

Prepared By: Hamid,Akmal
Description: BNA-5 MIX
Prep Date: 4/16/2008
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2176	PENTACHLOROETHANE	.05 g	NEAT	5000 ppm
2394	n-Octadecane	.05 g	NEAT	5000 ppm
2395	n-Decane	.05 g	NEAT	5000 ppm
2185	BIPHENYL	.05 g	NEAT	5000 ppm
866	1,4-Dimethlnaphthlene	.05 g	neat	5000 ppm
3211	methylene chloride	10 ml	neat neat	5000

Veritech Lot Number: V-44166

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 5/6/2008
Expiration Date: 5/5/2009
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1690	2-Fluorobiphenyl	1 g	Neat neat	1000 ppm
2930	p-Terphenyl-d14	1 g	neat neat	1000 ppm
2586	Phenol-d5	2 g	neat neat	2000 ppm
2874	2-FLUOROPHENOL	1.6 ml	NEAT neat	2000 ppm
2584	Nitrobenzene-d5	800 ul	Neat neat	1000 ppm
2585	2,4,6-Tribromophenol	2 g	Neat neat	2000 ppm
3301	Acetone	1000 ml	neat neat	

Veritech Lot Number: V-47682

Prepared By: Hamid, Akmal
Description: BNA Internal Std.
Prep Date: 7/8/2008
Expiration Date: 7/7/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2613	Chrysene	1 g	neat neat	2000 ppm
2614	Perylene-d12	1 g	neat neat	2000 ppm
2612	Phenanthrene-d10	1 g	neat neat	2000 ppm
2615	1,4-Dichlorobenzene-d4	1 g	neat neat	2000 ppm
2611	Naphthalene-d8	1 g	neat neat	2000 ppm
2616	Acenaphthene-d10	1 g	neat neat	2000 ppm
3398	methylene chloride	500 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-50966

Prepared By: Hamid,Akmal
Description: Pyridine Spiking Std.
Prep Date: 8/28/2008
Expiration Date: 6/29/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3428	PRYDINE	200 ul	neat neat	2000 ppm
3479	Acetone	100 ml	neat neat	

Veritech Lot Number: V-53065

Prepared By: Hamid,Akmal
Description: BNA-Pest Mix
Prep Date: 10/1/2008
Expiration Date: 10/1/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3639	4.4'-DDT	.01 g	NEAT	1000 ppm
3640	4.4'-DDD	.01 g	NEAT	1000 ppm
3641	4.4'-DDE	.01 g	NEAT	1000 ppm
3642	ENDRIN	.01 g	NEAT	1000 ppm
3643	Endrin aldehyde	.01 g	NEAT	1000 ppm
3644	Endrin ketone	.01	NEAT	1000 ppm
3650	Methylene Chlroide	10 ml	neat neat	

Veritech Lot Number: V-58452

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3790	methlyene chloride	10 ml	neat neat	

Veritech Lot Number: V-58453

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1(2nd Source)
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3792	Acetone	10 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58572

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#2
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2185	BIPHENYL	.1 g	NEAT	10000 ppm
2176	PENTACHLOROETHANE	.1 g	NEAT	10000 ppm
1886	CARBAZOLE	.1 g	NEAT	10000 ppm
2395	n-Decane	.1 g	NEAT	10000 ppm
2394	n-Octadecane	.1 g	NEAT	10000 ppm
866	1,4-Dimethlnaphthlene	.1 g	neat	10000 ppm
3803	PYRIDINE	.1 g	NEAT neat	10000 ppm
3792	Acetone	10 ml	neat neat	

Veritech Lot Number: V-58577

Prepared By: Hamid, Akmal
Description: CLP MIX
Prep Date: 1/7/2009
Expiration Date: 7/6/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3790	methlyene chloride	800 ul	neat neat	
V-58453	8270 EXTRA MIX#1(2nd Source)	100 ul	10000 ppm	1000 ppm
V-58572	8270 EXTRA MIX#2	100 ul	10000 ppm	1000 ppm

Veritech Lot Number: V-58578

Prepared By: Hamid, Akmal
Description: BN MIX
Prep Date: 1/7/2009
Expiration Date: 5/22/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3752	BASE/NEUTRAL COMP MIX	5 ml	2000 ppm	1000 ppm
3751	TOXIC SUBSTANCES MIX#2	5 ml	2000 ppm	1000 ppm

Veritech Lot Number: V-59624

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 1/26/2009
Expiration Date: 1/25/2010
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1690	2-Fluorobiphenyl	1 g	Neat neat	1000 ppm
2930	p-Terphenyl-d14	1 g	neat neat	1000 ppm
2586	Phenol-d5	2 g	neat neat	2000 ppm
2874	2-FLUOROPHENOL	1.6 ml	NEAT neat	2000 ppm
2584	Nitrobenzene-d5	800 ul	Neat neat	1000 ppm
2585	2,4,6-Tribromophenol	2 g	Neat neat	2000 ppm
3792	Acetone	1000 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60070

Prepared By: Hamid, Akmal
Description: DFTPP Mix
Prep Date: 2/2/2009
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 4 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-41906	DFTPP STOCK STD.	100 ul	2000 ppm	50 ppm
3790	methlyene chloride	2900 ul	neat neat	
3879	TCL Phenol/Benzidines Mix	200 ul	2000 ppm	100 ppm
3222	DDT/Endrin Mix	800 ul	500 ppm	100 ppm

Veritech Lot Number: V-61007

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.A
Prep Date: 2/17/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 250 ppm
Final Volume: 1.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3648	8270 MegaMix	300 ul	1000 ppm	250 ppm
V-53065	BNA-Pest Mix	300 ul	1000 ppm	50 ppm
3413	Benzoic Acid mix	150 ul	2000 ppm	250 ppm
3539	605 benzidines cal mix	150 ul	2000 ppm	250 ppm
V-42748	BNA-5 MIX	60 ul	5000 ppm	250 ppm
V-59624	BNA Surrog.Std.	150 ul	1000-2000 pp	125-250 pp
3904	methylene chloride	90 ul	neat neat	

Veritech Lot Number: V-61064

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 500 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61007	BNA STOCK Std.A	400 ul	250 ppm	200 ppm
V-58452	8270 EXTRA MIX#1	10 ul	10000 ppm	200 ppm
3904	methylene chloride	90 ul	neat neat	

Veritech Lot Number: V-61065

Prepared By: Hamid, Akmal
Description: BNA 10 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 10 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	93 ul	neat neat	

Veritech Lot Number: V-61066

Prepared By: Hamid, Akmal
Description: BNA 20 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 20 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	10 ul	200 ppm	25 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	88 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61067

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-47682	BNA Internal Std.	4 ul	2000 ppm	40 ppm
V-61064	BNA STOCK Std.	50 ul	200 ppm	50 ppm
3904	methylene chloride	146 ul	neat neat	

Veritech Lot Number: V-61068

Prepared By: Hamid, Akmal
Description: BNA 80 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 80 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	58 ul	neat neat	

Veritech Lot Number: V-61069

Prepared By: Hamid, Akmal
Description: BNA 120 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 120 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	38 ul	neat neat	

Veritech Lot Number: V-61070

Prepared By: Hamid, Akmal
Description: BNA 160 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 160 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	18 ul	neat neat	

Veritech Lot Number: V-61071

Prepared By: Hamid, Akmal
Description: BNA 196 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 196 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	98 ul	200 ppm	196 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	0	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61072

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 50 ppm curve	BatchNumber:	B-5225
Prep Date:	2/18/2009	Concentration:	50 ppm
Expiration Date:	4/15/2009	Final Volume:	200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3904	methylene chloride	150 ul	neat neat	
V-61064	BNA STOCK Std.	50 ul	200 ppm	50 ppm

Veritech Lot Number: V-61073

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 2 ppm curve	BatchNumber:	B-5225
Prep Date:	2/18/2009	Concentration:	2 ppm
Expiration Date:	4/15/2009	Final Volume:	100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61072	BNA 50 ppm curve	4 ul	50 ppm	1 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	94 ul	neat neat	

Veritech Lot Number: V-61074

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA ICV CAL@50PPM	BatchNumber:	
Prep Date:	2/18/2009	Concentration:	50 ppm
Expiration Date:	5/5/2009	Final Volume:	0.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3904	methylene chloride	155 ul	neat neat	
V-58577	CLP MIX	10 ul	1000 ppm	50 ppm
V-58578	BN MIX	10 ul	1000 ppm	50 ppm
V-47682	BNA Internal Std.	4 ul	2000 ppm	40 ppm
V-59624	BNA Surrog.Std.	5	1000-2000 pp	50-100 ppm
3753	ACID COMP MIX	5	2000 ppm	50 ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 866

Description
1,4-Dimethlnaphthlene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	D17,030-5	14523CZ	11/18/97	11/25/10	Akmal	1	1ml	neat	

Veritech Control/Receipt Number: 1430

Description
Benzaldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	B1334-2G	08505LB	02/20/04	02/20/11	Hamid, Akmal	1	2G	Neat	Neat

Veritech Control/Receipt Number: 1431

Description
E-Caprolactam

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	C2204-5G	05824JI	02/20/04	02/20/11	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 1690

Description
2-Fluorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	102741-2.5	18309PD	05/02/06	05/07/10	Hamid, Akmal	2	2.5g	Neat	Neat

Veritech Control/Receipt Number: 1809

Description
DIPHENYL ETHER

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	240834-5G	09303PC	06/23/06	06/23/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1810

Description
1,2,4,5-TETRACHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	131857-5G	06024AI	06/27/06	06/27/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1886

Description
CARBAZOLE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2001	364-113C	08/09/06	07/31/11	Revolus, Jean	1	2G	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2176

Description
PENTACHLOROETHANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F937	376-75A	01/22/07	01/31/12	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2184

Description
ATRAZINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2208	348-144A	01/29/07	10/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2185

Description
BIPHENYL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F1062	348-144A	01/29/07	10/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2394

Description
n-Octadecane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2188	381-22A	05/03/07	04/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Control/Receipt Number: 2395

Description
n-Decane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2182	372-50A	05/03/07	11/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2584

Description
Nitrobenzene-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	151955	ST1692	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 2585

Description
2,4,6-Tribromophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	137715	14726KD	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2586

Description
Phenol-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	425370	EW0108	06/24/07	04/03/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2611

Description
Naphthalene-d8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-365	PR-15554/07164NP1	07/10/07	04/16/12	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2612

Description
Phenanthrene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-371	PR-17315	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2613

Description
Chrysene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-261-001	PR-17865/01227CH	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2614

Description
Perylene-d12

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-366	PR-15096/08115PR1	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2616

Description
Acenaphthene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-108	PR-17277	07/10/07	04/16/12	Hamid, Akmal	2	2g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2874

Description
2-FLUOROPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	F12804-10G	01816PE	11/15/07	11/15/20	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 2930

Description
p-Terphenyl-d14

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	T82-84074	EW1627	12/06/07	12/05/12	Hamid, Akmal	5	500m	neat	neat

Veritech Control/Receipt Number: 3202

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T. Baker	9264-03	E42404	04/01/08	04/01/10	Lopez, Jose	72	4L	neat	neat

Veritech Control/Receipt Number: 3203

Description
DFTPP

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	442543	LB52744	04/01/08	10/31/10	Hamid, Akmal	1	100m	neat	

Veritech Control/Receipt Number: 3211

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G01404	04/01/08	04/01/10	Lopez, Jose	48	4L	neat	neat

Veritech Control/Receipt Number: 3222

Description
DDT/Endrin Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48282	LB52469	04/14/08	10/31/10	Revolus, Jean	2	1ml	500	PPM

Veritech Control/Receipt Number: 3301

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	E48E25	04/29/08	04/28/10	Lopez, Jose	32	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3398

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G01404	06/10/08	06/09/10	Lopez, Jose	120	4L	neat	neat

Veritech Control/Receipt Number: 3413

Description
Benzoic Acid mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31879	A057908	06/16/08	01/31/12	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 3428

Description
PRYDINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P368-500	080819	06/30/08	06/29/09	Miller,Gael E.	1	500ml	neat	neat

Veritech Control/Receipt Number: 3479

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G15E38	07/22/08	07/21/10	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3539

Description
605 benzidines cal mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31030	A060469	08/18/08	06/30/16	Hamid, Akmal	1	iml	2000	ppm

Veritech Control/Receipt Number: 3639

Description
4.4'-DDT

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F92	402-104B	09/26/08	06/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3640

Description
4.4'-DDD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F94	407-7A	09/26/08	07/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3641

Description
4.4'-DDE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F93	407-64A	09/26/08	08/31/14	Revolus, Jean	1	100m	NEAT	

Veritech Control/Receipt Number: 3642

Description
ENDRIN

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F98	402-16A	09/26/08	04/30/12	Revolus, Jean	1	250m	NEAT	

Veritech Control/Receipt Number: 3643

Description
Endrin aldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F99	390-94A	09/26/08	10/31/10	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3644

Description
Endrin ketone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2022	390-21B	09/26/08	09/30/11	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3648

Description
8270 MegaMix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31850	A062641	09/30/08	02/28/10	Hamid, Akmal	1	1ml	1000	ppm

Veritech Control/Receipt Number: 3650

Description
Methylene Chlroride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G33403	09/30/08	09/29/10	Lopez, Jose	120	4L	neat	

Veritech Control/Receipt Number: 3751

Description
TOXIC SUBSTANCES MIX#2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	Z-014E-PAK	B7070275	11/20/08	07/25/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3752

Description
BASE/NEUTRAL COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-BN-PAK	B8050140	11/20/08	05/22/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3753

Description
ACID COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	B8060099	11/20/08	06/10/11	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3790

Description
methlyene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926403	G454003	12/23/08	12/22/10	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Control/Receipt Number: 3792

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G44E07	12/23/08	12/22/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3798

Description
ACETOPHENONE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-821	383-95A	01/02/09	06/30/12	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 3803

Description
PYRIDINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	P368-500	085002	01/06/09	01/05/12	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3879

Description
TCL Phenol/Benzidines Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47992-U	LB59885	01/27/09	07/31/11	Hamid, Akmal	3	1ml	2000	ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3904

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G45403	02/03/09	02/02/11	Lopez, Jose	120	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3752

Description
BASE/NEUTRAL COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-BN-PAK	B8050140	11/20/08	05/22/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3780

Description
Sodium Sulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Seidler	140104	401203	12/09/08	12/08/10	Lopez, Jose	4	100lb	neat	neat

Veritech Control/Receipt Number: 3829

Description
Acid COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	B8060099	01/08/09	06/10/11	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3858

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G54403	01/20/09	01/19/11	Okomeng, Maxwel	120	4LT	neat	neat

GC PCB Data

GC PCB Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8082

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
2G42454.D	SMB2178B	Soil	02/25/09 17:04	1		89	93	89	105		
2G42459.D	AC42868-001	Soil	02/25/09 18:13	1		66	70	78	82		
2G42460.D	AC42868-002	Soil	02/25/09 18:27	1		63	65	74	79		
2G42461.D	AC42868-003	Soil	02/25/09 18:41	1		69	71	75	81		
2G42462.D	AC42868-004	Soil	02/25/09 18:55	1		64	67	67	70		
2G42463.D	AC42868-005	Soil	02/25/09 19:09	1		64	66	75	78		
2G42455.D	SMB2178B(M	Soil	02/25/09 17:18	1		90	95	95	109		
2G42456.D	AC42861-002(	Soil	02/25/09 17:32	1		80	84	93	103		
2G42457.D	AC42861-002(	Soil	02/25/09 17:45	1		79	83	91	98		
2G42458.D	AC42861-002	Soil	02/25/09 17:59	1		85	91	96	105		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8082

Soil Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	31-155
S2=TCMX-Surrogate	100	31-155
S3=DCB-Surrogate	100	12-172
S4=DCB-Surrogate	100	12-172

FORM2

Surrogate Recovery

Method: EPA 608

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
3G44588.D	WMB3484	Aqueous	02/25/09 09:37	1		87	96	94	110		
5G20606.D	WMB3478	Aqueous	02/19/09 08:10	1		97	101	99	99		
3G44590.D	AC42868-006	Aqueous	02/25/09 10:10	1		88	98	88	105		
3G44591.D	AC42868-009	Aqueous	02/25/09 10:25	1		85	85	84	96		
3G44592.D	AC42868-012	Aqueous	02/25/09 10:40	1		109	108	82	92		
2G42437.D	WMB3484(MS	Aqueous	02/25/09 10:11	1		80	84	82	93		
5G20607.D	WMB3478(MS	Aqueous	02/19/09 08:28	1		98	106	105	105		
5G20608.D	AC42729-001(	Aqueous	02/19/09 08:46	1		104	107	62	62		
5G20609.D	AC42729-001(	Aqueous	02/19/09 09:04	1		95	99	63	63		
5G20610.D	AC42729-001	Aqueous	02/19/09 09:23	1		109	112	58	58		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 608

Aqueous Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	36-144
S2=TCMX-Surrogate	100	36-144
S3=DCB-Surrogate	100	28-175
S4=DCB-Surrogate	100	28-175

Form3

MBS Data

Method: 608

Data File:=====>					2G42437.D															
Data/Batch/Sample ID:=====>					WMB3484(MS)															
Date/Time:=====>					02/25/09 10:11															
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aroclor-1016		50-114	1	0	906.6	1000	91												
Aroclor-1260		8-127	1	0	827.5	1000	83												

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

FORM 3

Spike Recovery

Batch Number: WMB3478
Mbs Name: WMB3478(MS)
Ns Name: AC42729-001
Ms Name: AC42729-001(MS)
Msd Name: AC42729-001(MSD

Mbs File: 5G20607.D
Non Spk'd File: 5G20610.D
Spike File: 5G20608.D
Spike Dup File: 5G20609.D
Matrix: Aqueous
Method: EPA 608

Mbs Date: 02/19/09 08:28
Non Spk'd Date: 02/19/09 09:23
Spike Date : 02/19/09 08:46
Spike Dup Date: 02/19/09 09:04

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Aroclor-1016	2	1	0	1000	50	114	24	1103.51	0.00	1139.03	1026.24	110	114	103	10
Aroclor-1260	7	1	0	1000	8	127	19	1110.78	0.00	1150.46	1025.59	111	115	103	11

Note:

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

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

FORM 3

Spike Recovery

Batch Number: SMB2178B
Mbs Name: SMB2178B(MS)
Ns Name: AC42861-002
Ms Name: AC42861-002(MS)
Msd Name: AC42861-002(MSD

Mbs File: 2G42455.D
Non Spk'd File: 2G42458.D
Spike File: 2G42456.D
Spike Dup File: 2G42457.D
Matrix: Soil
Method: EPA 8082

Mbs Date: 02/25/09 17:18
Non Spk'd Date: 02/25/09 17:59
Spike Date : 02/25/09 17:32
Spike Dup Date: 02/25/09 17:45

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Aroclor-1016	2	1	0	1000	30	163	40	954.93	0.00	887.50	887.04	95	89	89	0.05
Aroclor-1260	7	1	0	1000	25	166	37	862.38	0.00	834.46	834.83	86	83	83	0.04

Note:

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

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

FORM 4
Blank Summary

Blank Number: WMB3478
Blank Data File: 5G20606.D
Matrix: Aqueous

Blank Analysis Date: 02/19/09 08:10
Blank Extraction Date: 02/18/09
(If Applicable)
Method: EPA 608

Sample Number	Data File	Analysis Date
AC42729-001	5G20610.D	02/19/09 09:23
AC42729-001(MSD	5G20609.D	02/19/09 09:04
AC42729-001(MS)	5G20608.D	02/19/09 08:46
WMB3478(MS)	5G20607.D	02/19/09 08:28

FORM 4
Blank Summary

Blank Number: WMB3484
Blank Data File: 3G44588.D
Matrix: Aqueous

Blank Analysis Date: 02/25/09 09:37
Blank Extraction Date: 02/24/09
(If Applicable)
Method: EPA 608

Sample Number	Data File	Analysis Date
AC42868-006	3G44590.D	02/25/09 10:10
AC42868-009	3G44591.D	02/25/09 10:25
AC42868-012	3G44592.D	02/25/09 10:40
WMB3484(MS)	2G42437.D	02/25/09 10:11

FORM 4
Blank Summary

Blank Number: SMB2178B
Blank Data File: 2G42454.D
Matrix: Soil

Blank Analysis Date: 02/25/09 17:04
Blank Extraction Date: 02/25/09
(If Applicable)
Method: EPA 8082

Sample Number	Data File	Analysis Date
AC42868-001	2G42459.D	02/25/09 18:13
AC42868-002	2G42460.D	02/25/09 18:27
AC42868-003	2G42461.D	02/25/09 18:41
AC42868-004	2G42462.D	02/25/09 18:55
AC42868-005	2G42463.D	02/25/09 19:09
AC42861-002	2G42458.D	02/25/09 17:59
AC42861-002(MSD	2G42457.D	02/25/09 17:45
AC42861-002(MS)	2G42456.D	02/25/09 17:32
SMB2178B(MS)	2G42455.D	02/25/09 17:18

Form 5

Method: EPA 8082

Instrument: GC_2 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G42002.	CAL 3268@500PPB	02/11/09 02:03	Soil	2G42014.	9.1910	0.2287	9.4469	0.0561
2G42003.	CAL 1242@500PPB	02/11/09 02:17	Soil	2G42014.	9.1739	0.0425	9.4368	0.0509
2G42004.	CAL 1248@500PPB	02/11/09 02:31	Soil	2G42014.	9.1712	0.0131	9.4373	0.0456
2G42005.	CAL 2154@500PPB	02/11/09 02:45	Soil	2G42014.	9.1715	0.0164	9.4390	0.0275
2G42006.	CAL 1262@500PPB	02/11/09 02:58	Soil	2G42014.	9.1713	0.0142	9.4393	0.0244
2G42007.	CAL 1660@4000PPB	02/11/09 03:12	Soil	2G42014.	9.1707	0.0076	9.4395	0.0222
2G42008.	CAL 1660@50PPB	02/11/09 03:26	Soil	2G42014.	9.1720	0.0218	9.4413	0.0032
2G42009.	CAL 1660@200PPB	02/11/09 03:40	Soil	2G42014.	9.1718	0.0196	9.4414	0.0021
2G42010.	CAL 1660@500PPB	02/11/09 03:54	Soil	2G42014.	9.1715	0.0164	9.4411	0.0053
2G42011.	CAL 1660@1000PPB	02/11/09 04:08	Soil	2G42014.	9.1713	0.0142	9.4419	0.0032
2G42012.	CAL 1660@2000PPB	02/11/09 04:22	Soil	2G42014.	9.1711	0.012	9.4410	0.0064
2G42013.	CAL 1660@4000PPB	02/11/09 04:36	Soil	2G42014.	9.1703	0.0033	9.4407	0.0095
2G42014.	CAL 1660@50PPB	02/11/09 04:50	Soil	2G42014.	9.1700	0	9.4416	0
2G42015.	ICV	02/11/09 05:03	Soil	2G42014.	9.1703	0.0033	9.4416	0

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_5 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20436.	CAL 1660@500PPB	02/12/09 07:54	Soil	5G20441.	13.0375	0	13.5759	0.0191
5G20437.	CAL 1660@4000PPB	02/12/09 08:13	Soil	5G20441.	13.0374	0.0008	13.5767	0.0133
5G20438.	CAL 1660@50PPB	02/12/09 08:31	Soil	5G20441.	13.0372	0.0023	13.5776	0.0066
5G20439.	CAL 1660@2000PPB	02/12/09 08:50	Soil	5G20441.	13.0371	0.0031	13.5770	0.011
5G20440.	CAL 1660@1000PPB	02/12/09 09:08	Soil	5G20441.	13.0370	0.0038	13.5772	0.0096
5G20441.	CAL 1660@50PPB	02/12/09 09:26	Soil	5G20441.	13.0375	0	13.5785	0
5G20442.	CAL 1660@200PPB	02/12/09 09:44	Soil	5G20441.	13.0374	0.0008	13.5786	0.0007
5G20443.	CAL 1660@4000PPB	02/12/09 10:07	Soil	5G20441.	13.0408	0.0253	13.5782	0.0022
5G20444.	CAL 3268@500PPB	02/12/09 10:25	Soil	5G20441.	13.0365	0.0077	13.5770	0.011
5G20445.	CAL 1242@500PPB	02/12/09 10:43	Soil	5G20441.	13.0384	0.0069	13.5761	0.0177
5G20446.	CAL 1248@500PPB	02/12/09 11:02	Soil	5G20441.	13.0380	0.0038	13.5778	0.0052
5G20447.	CAL 2154@500PPB	02/12/09 11:20	Soil	5G20441.	13.0370	0.0038	13.5769	0.0118
5G20448.	CAL 1262@500PPB	02/12/09 11:38	Soil	5G20441.	13.0380	0.0038	13.5764	0.0155
5G20449.	ICV	02/12/09 11:56	Soil	5G20441.	13.0383	0.0061	13.5789	0.0029
5G20450.	CAL 1660@2000PPB	02/12/09 12:25	Soil	5G20441.	13.0415	0.0307	13.5774	0.0081

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_3

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
3G44497.	CAL 1660@4000PPB	02/17/09 18:08	OIL/OTHER		10.3184	0	11.0582	0
3G44498.	CAL 1660@50PPB	02/17/09 18:24	OIL/OTHER		10.3214	0	11.0592	0
3G44499.	CAL 1660@2000PPB	02/17/09 18:39	OIL/OTHER		10.3180	0	11.0571	0
3G44500.	CAL 1660@200PPB	02/17/09 18:55	OIL/OTHER		10.3184	0	11.0566	0
3G44501.	CAL 1660@500PPB	02/17/09 19:11	OIL/OTHER	3G44505.	10.3187	0.0029	11.0567	0
3G44502.	CAL 1660@1000PPB	02/17/09 19:26	OIL/OTHER	3G44505.	10.3190	0.0058	11.0561	0.0054
3G44503.	CAL 1660@2000PPB	02/17/09 19:42	OIL/OTHER	3G44505.	10.3180	0.0039	11.0563	0.0036
3G44504.	CAL 1660@4000PPB	02/17/09 19:58	OIL/OTHER	3G44505.	10.3167	0.0165	11.0553	0.0127
3G44505.	CAL 1660@50PPB	02/17/09 20:14	OIL/OTHER	3G44505.	10.3184	0	11.0567	0
3G44506.	CAL 3268@500PPB	02/17/09 20:29	OIL/OTHER	3G44505.	10.3177	0.0068	11.0564	0.0027
3G44507.	CAL 1242@500PPB	02/17/09 20:45	OIL/OTHER	3G44505.	10.3176	0.0078	11.0561	0.0054
3G44508.	CAL 1248@500PPB	02/17/09 21:00	OIL/OTHER	3G44505.	10.3184	0	11.0570	0.0027
3G44509.	CAL 2154@500PPB	02/17/09 21:16	OIL/OTHER	3G44505.	10.3183	0.001	11.0568	0.0009
3G44510.	CAL 1262@500PPB	02/17/09 21:32	OIL/OTHER	3G44505.	10.3176	0.0078	11.0562	0.0045
3G44511.	ICV	02/17/09 21:47	OIL/OTHER	3G44505.	10.3181	0.0029	11.0565	0.0018
3G44512.	CAL 1660@500PPB	02/18/09 08:53	OIL/OTHER	3G44505.	10.3304	0.1162	11.0655	0.0796

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20605.	CAL 1660@500PPB	02/19/09 07:50	OIL/OTHER	5G20605.	13.0360	0	13.5735	0
5G20606.	WMB3478	02/19/09 08:10	Aqueous	5G20605.	13.0350	0.0077	13.5740	0.0037
5G20607.	WMB3478(MS)	02/19/09 08:28	Aqueous	5G20605.	13.0327	0.0253	13.5743	0.0059
5G20608.	AC42729-001(MS)	02/19/09 08:46	Aqueous	5G20605.	13.0341	0.0146	13.5731	0.0029
5G20609.	AC42729-001(MSD)	02/19/09 09:04	Aqueous	5G20605.	13.0335	0.0192	13.5721	0.0103
5G20610.	AC42729-001	02/19/09 09:23	Aqueous	5G20605.	13.0338	0.0169	13.5744	0.0066
5G20611.	AC42702-001(R)	02/19/09 09:41	Aqueous	5G20605.	13.0335	0.0192	13.5723	0.0088
5G20612.	AC42713-003	02/19/09 09:59	Aqueous	5G20605.	13.0328	0.0246	13.5733	0.0015
5G20613.	AC42713-002	02/19/09 10:17	Aqueous	5G20605.	13.0346	0.0107	13.5751	0.0118
5G20614.	AC42750-009	02/19/09 10:36	Aqueous	5G20605.	13.0345	0.0115	13.5752	0.0125
5G20615.	AC42726-010	02/19/09 10:54	Aqueous	5G20605.	13.0348	0.0092	13.5741	0.0044
5G20616.	CAL 1660@2000PPB	02/19/09 11:24	Aqueous	5G20605.	13.0381	0.0161	13.5751	0.0118
5G20617.	AC42730-001	02/19/09 11:42	Soil	5G20616.	13.0357	0.0184	13.5747	0.0029
5G20618.	AC42730-002	02/19/09 12:00	Soil	5G20616.	13.0353	0.0215	13.5744	0.0052
5G20619.	AC42730-003	02/19/09 12:19	Soil	5G20616.	13.0342	0.0299	13.5732	0.014
5G20620.	AC42730-004	02/19/09 12:37	Soil	5G20616.	13.0346	0.0268	13.5746	0.0037
5G20621.	AC42730-005	02/19/09 12:55	Soil	5G20616.	13.0347	0.0261	13.5758	0.0052
5G20622.	AC42730-006	02/19/09 13:13	Soil	5G20616.	13.0356	0.0192	13.5759	0.0059
5G20623.	CAL 1660@1000PPB	02/19/09 13:32	Soil	5G20616.	13.0359	0.0169	13.5762	0.0081
5G20624.	SMB2172B	02/19/09 14:17	Soil	5G20623.	13.0392	0.0253	13.5756	0.0044
5G20625.	SMB2172B(MS)	02/19/09 14:35	Soil	5G20623.	13.0360	0.0008	13.5751	0.0081
5G20626.	AC42748-012(MS)	02/19/09 14:53	Soil	5G20623.	13.0348	0.0084	13.5745	0.0125
5G20627.	AC42748-012(MSD)	02/19/09 15:11	Soil	5G20623.	13.0341	0.0138	13.5747	0.011
5G20628.	AC42748-012	02/19/09 15:30	Soil	5G20623.	13.0361	0.0015	13.5763	0.0007
5G20629.	AC42748-003	02/19/09 15:52	Soil	5G20623.	13.0358	0.0008	13.5748	0.0103
5G20630.	AC42748-004	02/19/09 16:10	Soil	5G20623.	13.0345	0.0107	13.5748	0.0103
5G20631.	AC42748-006	02/19/09 16:29	Soil	5G20623.	13.0338	0.0161	13.5729	0.0243
5G20632.	AC42748-007	02/19/09 16:47	Soil	5G20623.	13.0341	0.0138	13.5744	0.0133
5G20633.	AC42748-008	02/19/09 17:05	Soil	5G20623.	13.0348	0.0084	13.5742	0.0147
5G20634.	AC42748-009	02/19/09 17:23	Soil	5G20623.	13.0336	0.0176	13.5755	0.0052
5G20635.	AC42748-011	02/19/09 17:41	Soil	5G20623.	13.0344	0.0115	13.5749	0.0096
5G20636.	AC42748-013	02/19/09 18:00	Soil	5G20623.	13.0345	0.0107	13.5744	0.0133
5G20637.	AC42748-014	02/19/09 18:18	Soil	5G20623.	13.0347	0.0092	13.5751	0.0081
5G20638.	AC42748-015	02/19/09 18:36	Soil	5G20623.	13.0338	0.0161	13.5751	0.0081
5G20639.	CAL 1660@1000PPB	02/19/09 18:54	Soil	5G20623.	13.0345	0.0107	13.5735	0.0199
5G20640.	2000PPB	02/19/09 19:12	Soil	5G20639.	13.0348	0.0023	13.5748	0.0096

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_3

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
3G44586.	CAL 1660@4000PPB	02/25/09 09:02	Soil	3G44586.	10.3184	0	11.0576	0
3G44587.	SMB2177B	02/25/09 09:22	Soil	3G44586.	10.3135	0.0475	11.0535	0.0371
3G44588.	WMB3484	02/25/09 09:37	Aqueous	3G44586.	10.3087	0.0941	11.0504	0.0651
3G44589.	AC42806-051	02/25/09 09:54	Aqueous	3G44586.	10.3109	0.0727	11.0522	0.0488
3G44590.	AC42868-006	02/25/09 10:10	Aqueous	3G44586.	10.3070	0.1105	11.0497	0.0715
3G44591.	AC42868-009	02/25/09 10:25	Aqueous	3G44586.	10.3064	0.1164	11.0507	0.0624
3G44592.	AC42868-012	02/25/09 10:40	Aqueous	3G44586.	10.3079	0.1018	11.0490	0.0778
3G44593.	CAL 1660@2000PPB	02/25/09 10:57	Aqueous	3G44586.	10.3084	0.097	11.0515	0.0552
3G44594.	AC42835-001	02/25/09 11:54	OIL/OTHER	3G44593.	10.3178	0.0911	11.0559	0.0398
3G44595.	AC42835-002	02/25/09 12:10	OIL/OTHER	3G44593.	10.3115	0.0301	11.0537	0.0199
3G44596.	AC42835-003	02/25/09 12:26	OIL/OTHER	3G44593.	10.3093	0.0087	11.0513	0.0018
3G44597.	AC42835-004	02/25/09 12:41	OIL/OTHER	3G44593.	10.3060	0.0233	11.0487	0.0253
3G44598.	AC42898-001	02/25/09 12:57	OIL/OTHER	3G44593.	10.3158	0.0718	11.0553	0.0344
3G44599.	AC42898-002	02/25/09 13:13	OIL/OTHER	3G44593.	10.3151	0.065	11.0527	0.0109
3G44600.	AC42872-001	02/25/09 13:28	OIL/OTHER	3G44593.	10.3094	0.0097	11.0534	0.0172
3G44601.	CAL 1660@2000PPB	02/25/09 13:54	OIL/OTHER	3G44593.	10.3090	0.0058	11.0513	0.0018
3G44602.	1000PPB	02/25/09 15:04	OIL/OTHER	3G44601.	10.3157	0.065	11.0562	0.0443

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

Form 5

Method: EPA 8082

Instrument: GC_2 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G42435.	CAL 1660@1000PPB	02/25/09 09:36	Soil	2G42435.	9.1172	0	9.4210	0
2G42436.	SMB2177B(MS)	02/25/09 09:57	Soil	2G42435.	9.1237	0.0713	9.4244	0.0361
2G42437.	WMB3484(MS)	02/25/09 10:11	Aqueous	2G42435.	9.1197	0.0274	9.4232	0.0234
2G42438.	AC42859-005	02/25/09 10:25	Soil	2G42435.	9.1189	0.0186	9.4245	0.0372
2G42439.	AC42859-003	02/25/09 10:39	Soil	2G42435.	9.1211	0.0428	9.4254	0.0467
2G42440.	AC42859-001	02/25/09 10:52	Soil	2G42435.	9.1213	0.045	9.4261	0.0541
2G42441.	AC42805-035	02/25/09 11:06	Soil	2G42435.	9.1233	0.0669	9.4277	0.0711
2G42442.	AC42846-001	02/25/09 11:22	Soil	2G42435.	9.1593	0.4607	9.4542	0.3518
2G42443.	AC42805-035(50X)	02/25/09 11:36	Soil	2G42435.	0.0000	200 *	0.0000	200 *
2G42444.	CAL 1660@2000PPB	02/25/09 12:36	Soil	2G42435.	9.1240	0.0746	9.4284	0.0785
2G42445.	AC42866-011	02/25/09 12:58	Soil	2G42444.	9.1346	0.1161	9.4363	0.0838
2G42446.	AC42866-010	02/25/09 13:12	Soil	2G42444.	9.1327	0.0953	9.4361	0.0816
2G42447.	AC42866-009	02/25/09 13:25	Soil	2G42444.	9.1381	0.1544	9.4430	0.1547
2G42448.	AC42866-008	02/25/09 13:39	Soil	2G42444.	9.1383	0.1566	9.4419	0.1431
2G42449.	AC42866-002	02/25/09 13:53	Soil	2G42444.	9.1379	0.1522	9.4422	0.1463
2G42450.	AC42866-001	02/25/09 14:07	Soil	2G42444.	9.1363	0.1347	9.4406	0.1293
2G42451.	AC42866-005	02/25/09 14:52	Soil	2G42444.	9.1483	0.266	9.4473	0.2003
2G42452.	AC42866-003	02/25/09 15:05	Soil	2G42444.	9.1392	0.1665	9.4415	0.1388
2G42453.	CAL 1660@1000PPB	02/25/09 16:28	Soil	2G42444.	9.1445	0.2244	9.4447	0.1727
2G42454.	SMB2178B	02/25/09 17:04	Soil	2G42453.	9.1503	0.0634	9.4464	0.018
2G42455.	SMB2178B(MS)	02/25/09 17:18	Soil	2G42453.	9.1378	0.0733	9.4375	0.0763
2G42456.	AC42861-002(MS)	02/25/09 17:32	Soil	2G42453.	9.1421	0.0262	9.4427	0.0212
2G42457.	AC42861-002(MSD)	02/25/09 17:45	Soil	2G42453.	9.1403	0.0459	9.4415	0.0339
2G42458.	AC42861-002	02/25/09 17:59	Soil	2G42453.	9.1435	0.0109	9.4435	0.0127
2G42459.	AC42868-001	02/25/09 18:13	Soil	2G42453.	9.1407	0.0416	9.4415	0.0339
2G42460.	AC42868-002	02/25/09 18:27	Soil	2G42453.	9.1377	0.0744	9.4376	0.0752
2G42461.	AC42868-003	02/25/09 18:41	Soil	2G42453.	9.1395	0.0547	9.4410	0.0392
2G42462.	AC42868-004	02/25/09 18:55	Soil	2G42453.	9.1393	0.0569	9.4422	0.0265
2G42463.	AC42868-005	02/25/09 19:09	Soil	2G42453.	9.1404	0.0448	9.4413	0.036
2G42464.	AC42860-003	02/25/09 19:23	Soil	2G42453.	9.1405	0.0437	9.4415	0.0339
2G42465.	AC42860-005	02/25/09 19:37	Soil	2G42453.	9.1375	0.0766	9.4374	0.0773
2G42466.	CAL 1660@500PPB	02/25/09 19:50	Soil	2G42453.	9.1389	0.0613	9.4388	0.0625
2G42467.	1000PPB	02/25/09 20:04	Soil	2G42466.	9.1377	0.0131	9.4402	0.0148
2G42468.	SMB1176	02/25/09 20:18	OIL/OTHER	2G42466.	9.1379	0.0109	9.4390	0.0021
2G42469.	SMB1176(MS)	02/25/09 20:32	OIL/OTHER	2G42466.	9.1360	0.0317	9.4370	0.0191
2G42470.	AC42838-001	02/25/09 20:46	Soil	2G42466.	9.1183	0.2257	9.4823	0.4598
2G42471.	AC42872-001(1000X)	02/25/09 21:00	OIL/OTHER	2G42466.	0.0000	200 *	0.0000	200 *
2G42472.	AC42898-002(1000X)	02/25/09 21:14	OIL/OTHER	2G42466.	0.0000	200 *	0.0000	200 *
2G42473.	AC42898-001(1000X)	02/25/09 21:27	OIL/OTHER	2G42466.	0.0000	200 *	0.0000	200 *
2G42474.	500PPB	02/25/09 21:41	OIL/OTHER	2G42466.	9.1360	0.0317	9.4369	0.0201
2G42475.	CAL 1660@1000PPB	02/25/09 21:55	OIL/OTHER	2G42466.	9.1346	0.0471	9.4358	0.0318

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

GC PCB Data
Sample Data

Form1

ORGANICS PCB REPORT

Sample Number: AC42868-001
Client Id: WB-2
Data File: 2G42459.D
Analysis Date: 02/25/09 18:13
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 72

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.035	U	11097-69-1	Aroclor-1254	0.035	U
11104-28-2	Aroclor-1221	0.035	U	11096-82-5	Aroclor-1260	0.035	U
11141-16-5	Aroclor-1232	0.035	U	37324-23-5	Aroclor-1262	0.035	U
53469-21-9	Aroclor-1242	0.035	U	11100-14-4	Aroclor-1268	0.035	U
12672-29-6	Aroclor-1248	0.035	U	1336-36-3	Aroclor (Total)	0.035	U

Worksheet #: 110142

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42459.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 18:13
Operator : JP
Sample : AC42868-001
Misc : S,PCB
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:34:45 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

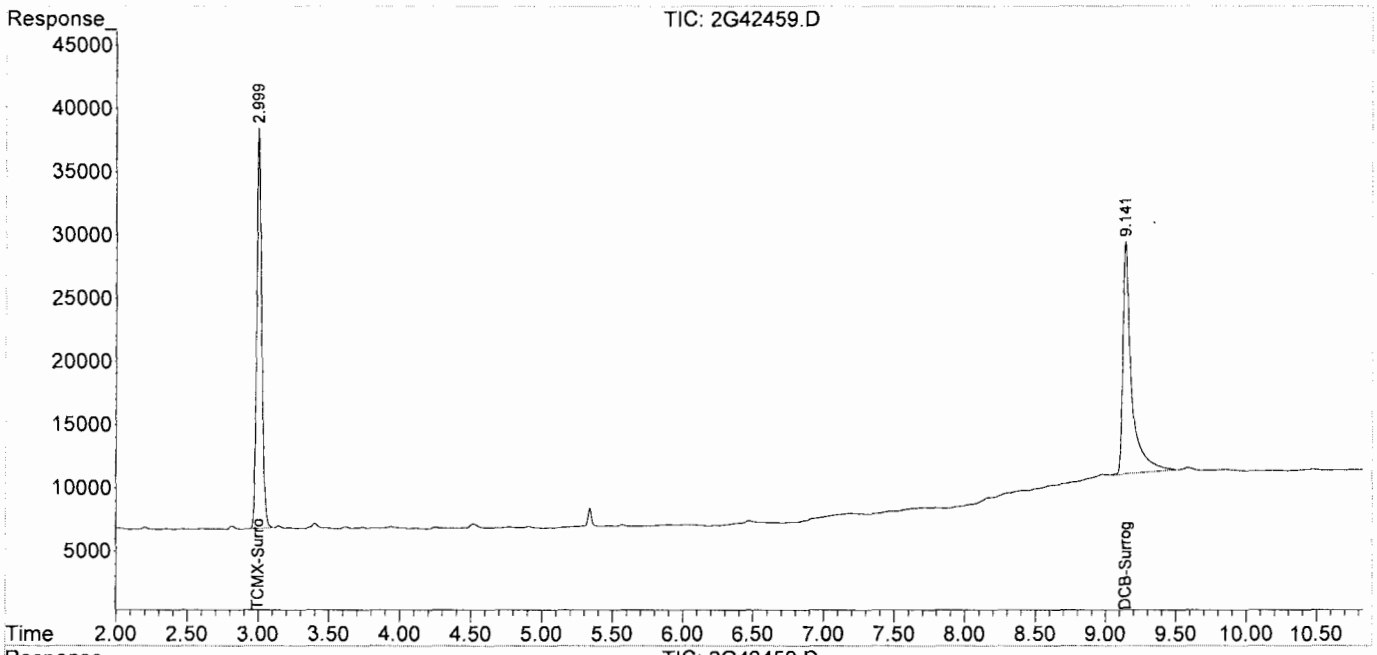
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.999	2.942	777883	939134	66.110	69.564m
45)	DCB-Surrogate	9.141	9.441	785811	1013541	77.644m	81.710m

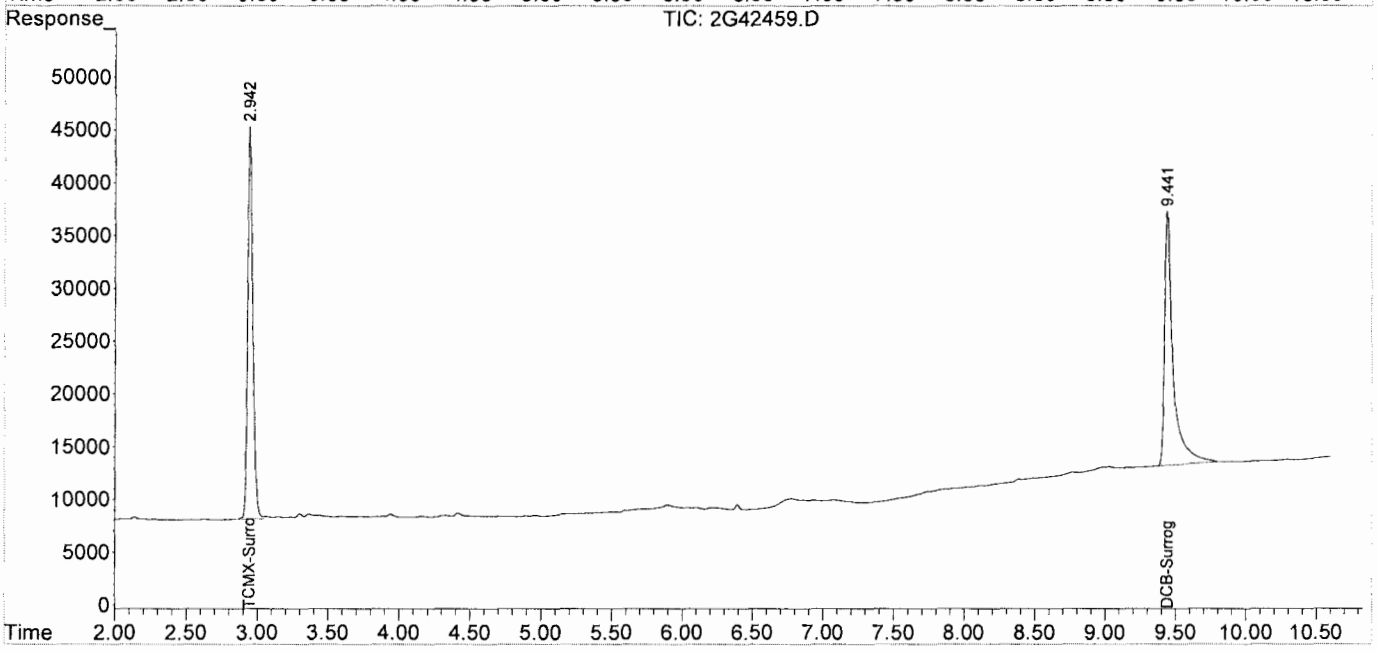
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42459.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 18:13
Operator : JP
Sample : AC42868-001
Misc : S,PCB
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:34:45 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC42868-002
Client Id: WB-3
Data File: 2G42460.D
Analysis Date: 02/25/09 18:27
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.032	U	11097-69-1	Aroclor-1254	0.032	U
11104-28-2	Aroclor-1221	0.032	U	11096-82-5	Aroclor-1260	0.032	U
11141-16-5	Aroclor-1232	0.032	U	37324-23-5	Aroclor-1262	0.032	U
53469-21-9	Aroclor-1242	0.032	U	11100-14-4	Aroclor-1268	0.032	U
12672-29-6	Aroclor-1248	0.032	U	1336-36-3	Aroclor (Total)	0.032	U

Worksheet #: 110142

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42460.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 18:27
Operator : JP
Sample : AC42868-002
Misc : S,PCB
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:35:17 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.999	2.942	735866	883218	62.539	65.423m
45)DCB-Surrogate	9.138	9.438	751881	984034	74.292m	79.332m

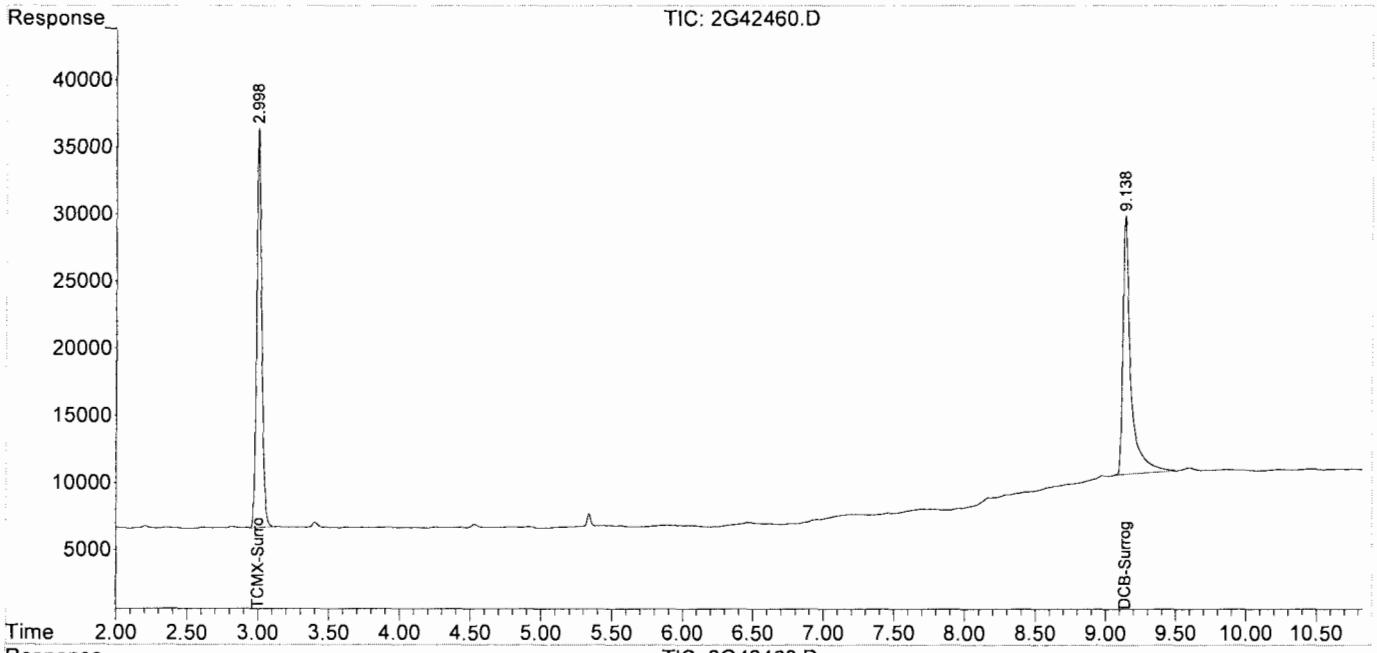
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

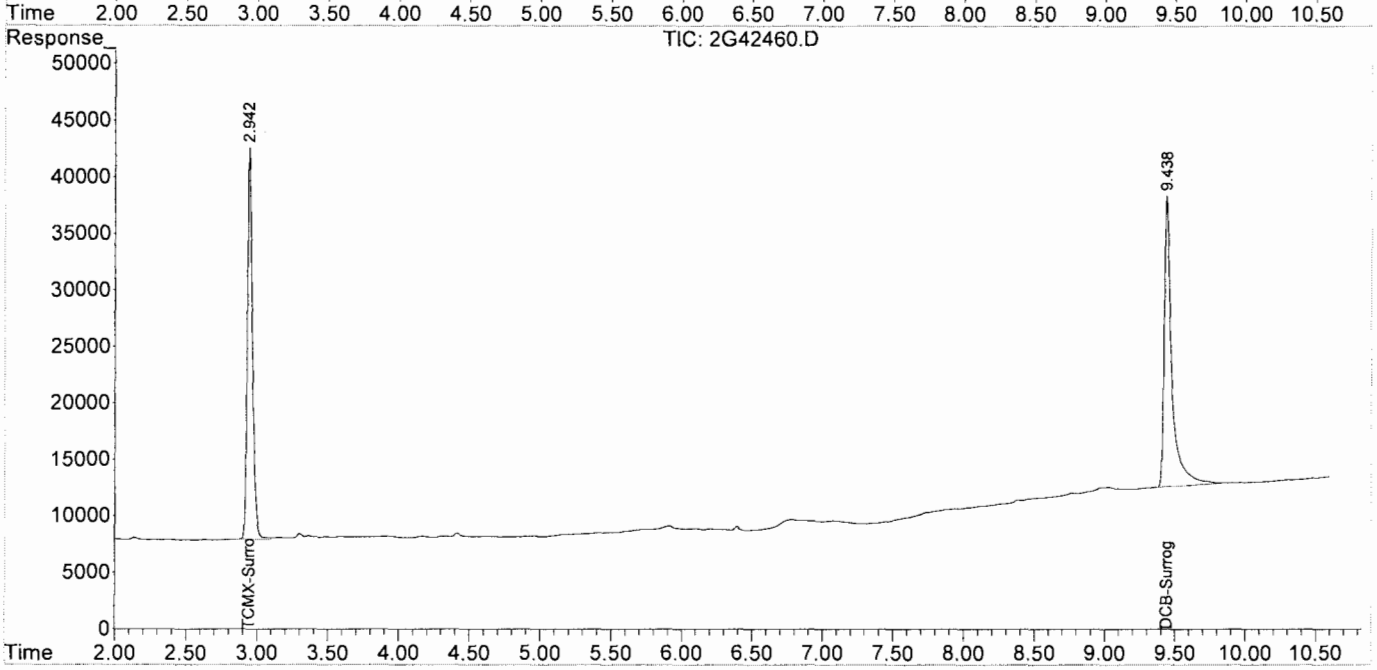
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42460.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 18:27
Operator : JP
Sample : AC42868-002
Misc : S,PCB
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:35:17 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC42868-003
Client Id: WB-4
Data File: 2G42461.D
Analysis Date: 02/25/09 18:41
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.032	U	11097-69-1	Aroclor-1254	0.032	U
11104-28-2	Aroclor-1221	0.032	U	11096-82-5	Aroclor-1260	0.032	U
11141-16-5	Aroclor-1232	0.032	U	37324-23-5	Aroclor-1262	0.032	U
53469-21-9	Aroclor-1242	0.032	U	11100-14-4	Aroclor-1268	0.032	U
12672-29-6	Aroclor-1248	0.032	U	1336-36-3	Aroclor (Total)	0.032	U

Worksheet #: 110142

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42461.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 18:41
Operator : JP
Sample : AC42868-003
Misc : S,PCB
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:35:42 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

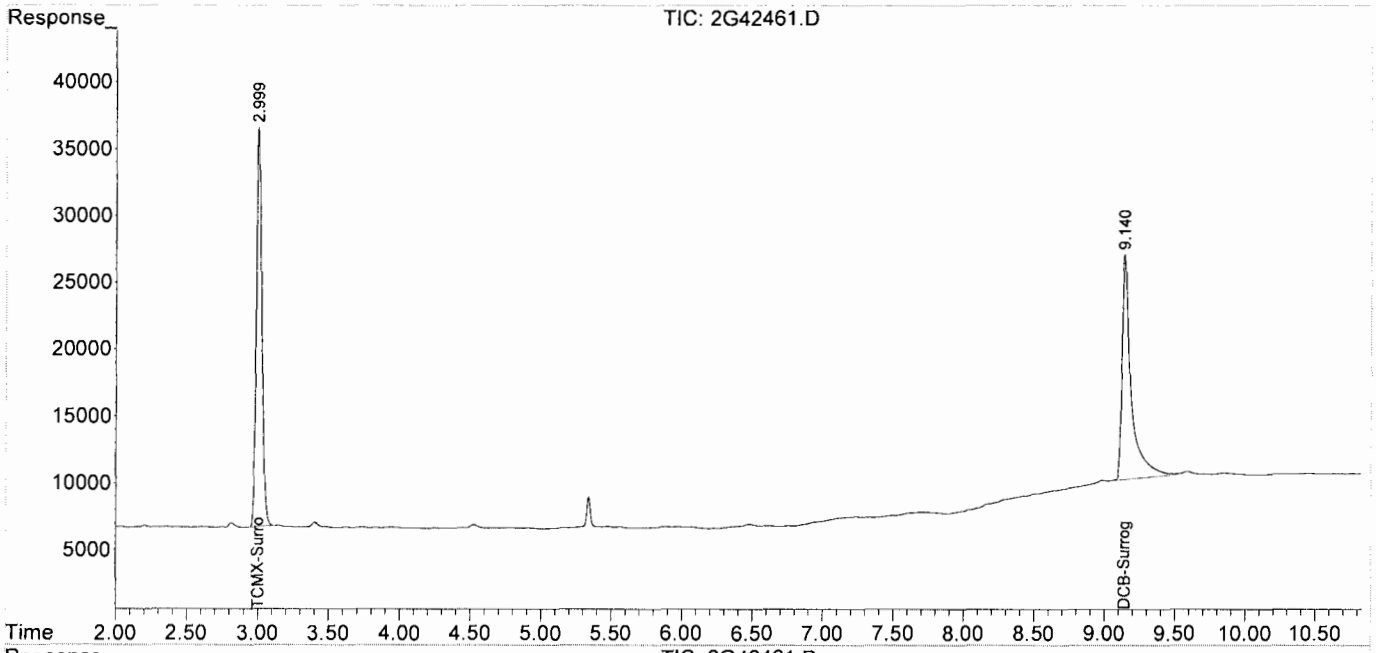
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	3.000	2.943	810367	960518	68.871	71.148m
45) DCB-Surrogate	9.140	9.441	760961	999642	75.189m	80.590m

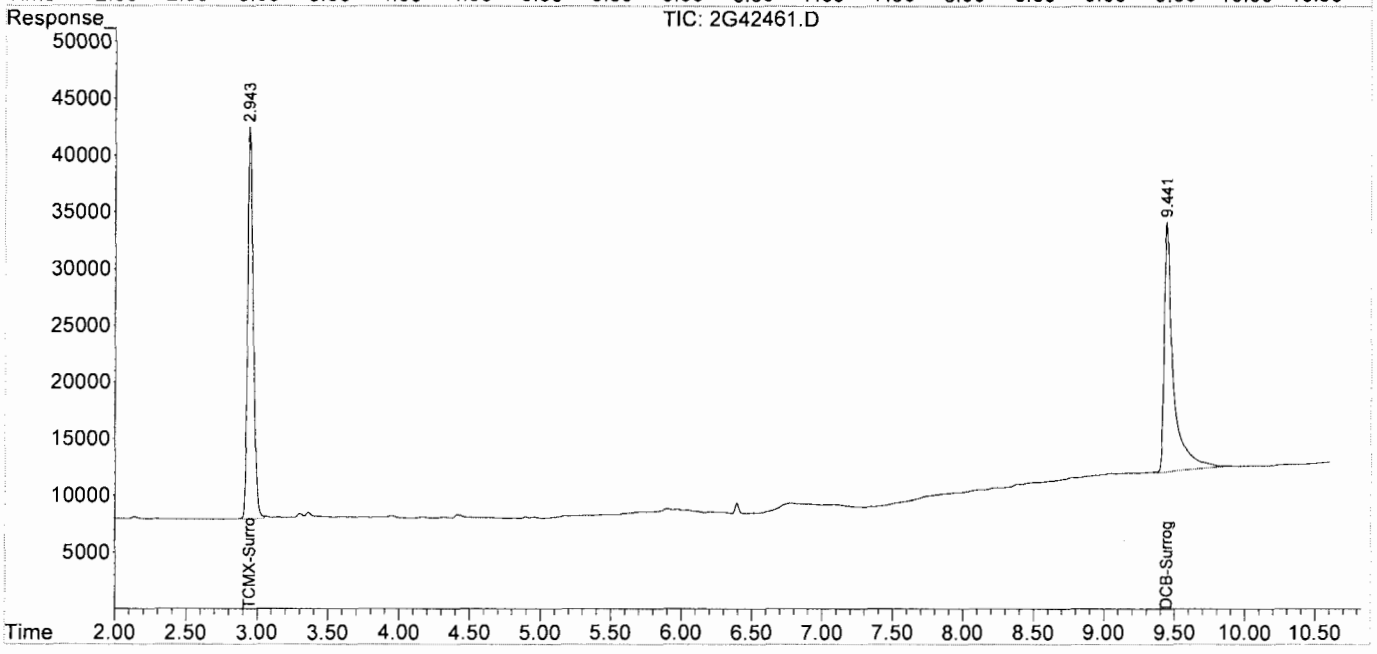
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42461.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 18:41
Operator : JP
Sample : AC42868-003
Misc : S,PCB
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:35:42 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 2G42462.D
Analysis Date: 02/25/09 18:55
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.032	U	11097-69-1	Aroclor-1254	0.032	U
11104-28-2	Aroclor-1221	0.032	U	11096-82-5	Aroclor-1260	0.032	U
11141-16-5	Aroclor-1232	0.032	U	37324-23-5	Aroclor-1262	0.032	U
53469-21-9	Aroclor-1242	0.032	U	11100-14-4	Aroclor-1268	0.032	U
12672-29-6	Aroclor-1248	0.032	U	1336-36-3	Aroclor (Total)	0.032	U

Worksheet #: 110142

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42462.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 18:55
Operator : JP
Sample : AC42868-004
Misc : S,PCB
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:36:09 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

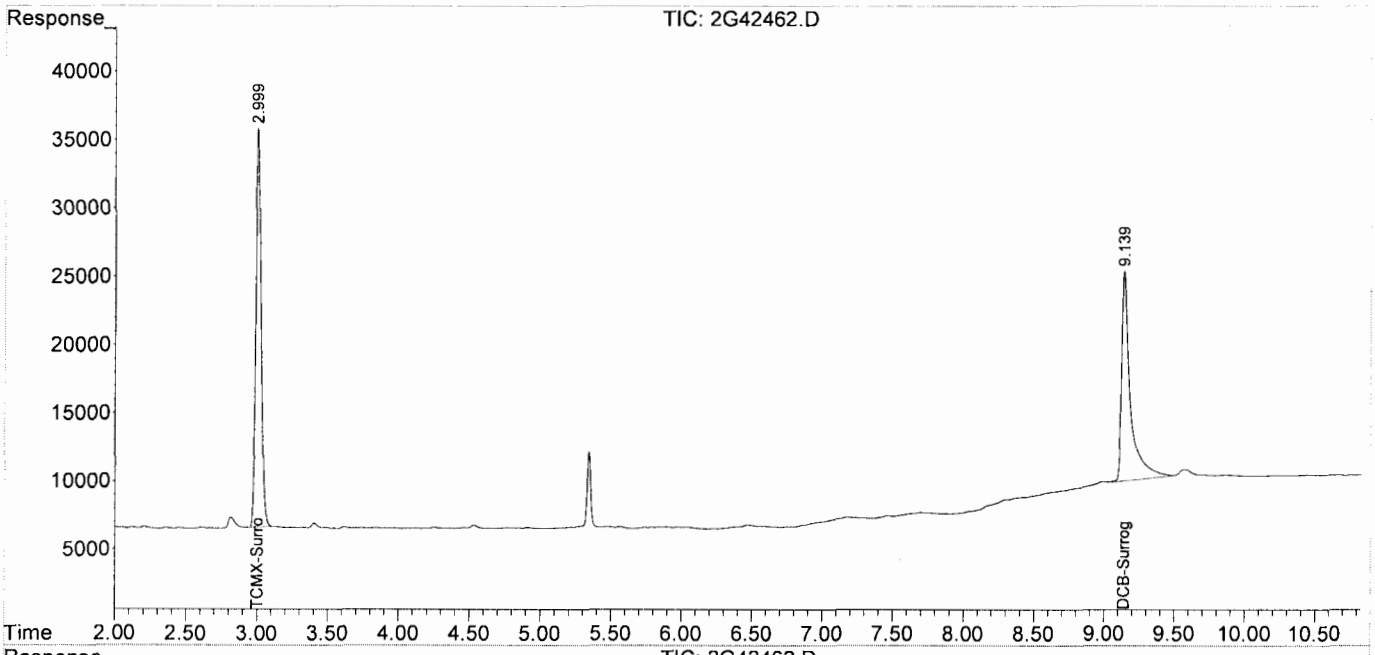
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.000	2.943	755418	907023	64.201	67.186m
45)DCB-Surrogate	9.139	9.442	680981	870126	67.286m	70.148m

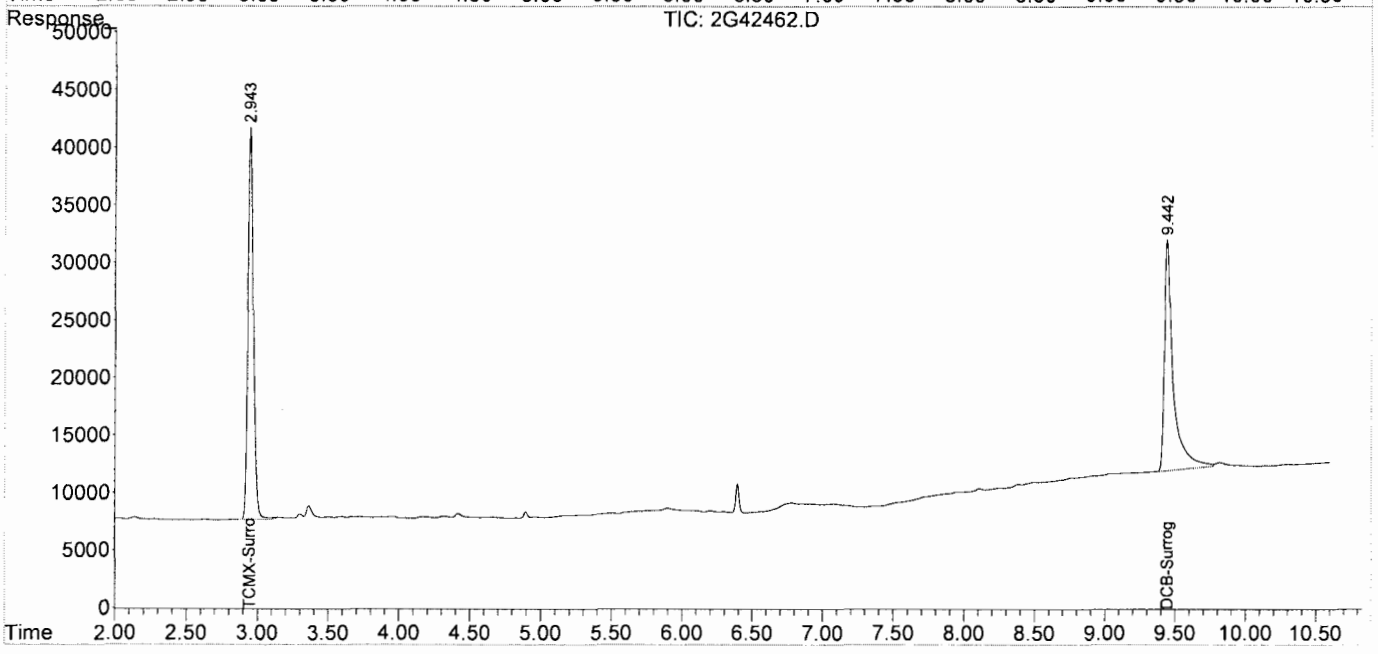
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42462.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 18:55
Operator : JP
Sample : AC42868-004
Misc : S,PCB
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:36:09 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 2G42463.D
Analysis Date: 02/25/09 19:09
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.032	U	11097-69-1	Aroclor-1254	0.032	U
11104-28-2	Aroclor-1221	0.032	U	11096-82-5	Aroclor-1260	0.032	U
11141-16-5	Aroclor-1232	0.032	U	37324-23-5	Aroclor-1262	0.032	U
53469-21-9	Aroclor-1242	0.032	U	11100-14-4	Aroclor-1268	0.032	U
12672-29-6	Aroclor-1248	0.032	U	1336-36-3	Aroclor (Total)	0.032	U

Worksheet #: 110142

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42463.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 19:09
Operator : JP
Sample : AC42868-005
Misc : S,PCB
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:36:35 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.001	2.944	749942	890600	63.735	65.969m
45)DCB-Surrogate	9.140	9.441	754956	973594	74.595m	78.490m

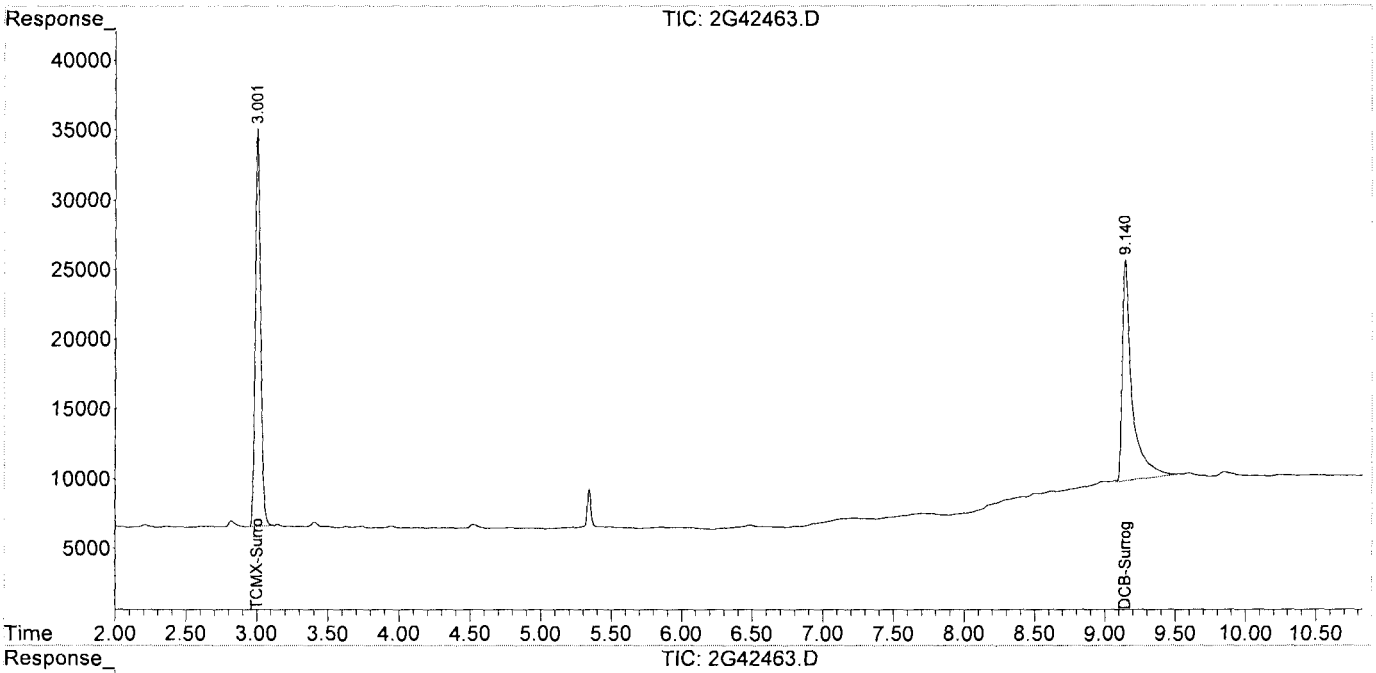
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

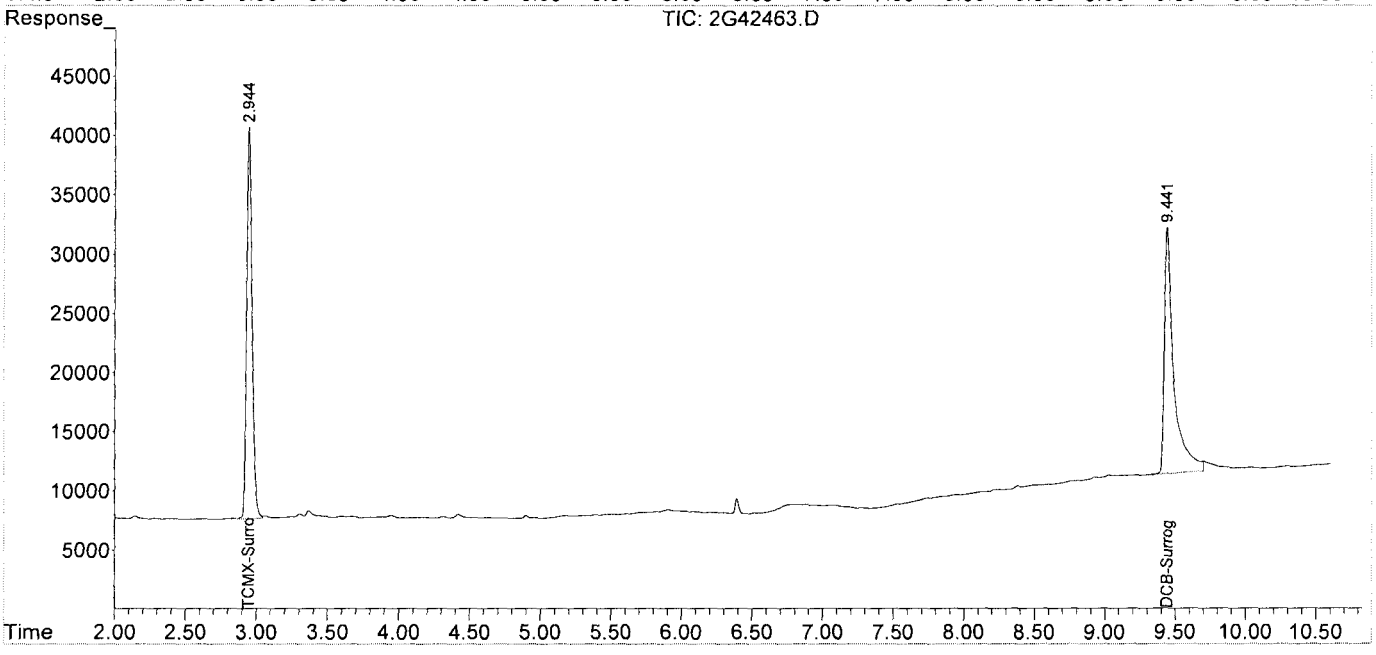
0803

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42463.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 19:09
Operator : JP
Sample : AC42868-005
Misc : S,PCB
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:36:35 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 3G44590.D
Analysis Date: 02/25/09 10:10
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110014

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-25-09\
Data File : 3G44590.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:10
Operator : MS
Sample : AC42868-006
Misc : A,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 10:27:44 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:51:24 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.018	4.054	3371558	769792	87.926m	97.636m
45)DCB-Surrogate	10.307	11.050	3141518	924370	87.605m	105.064m

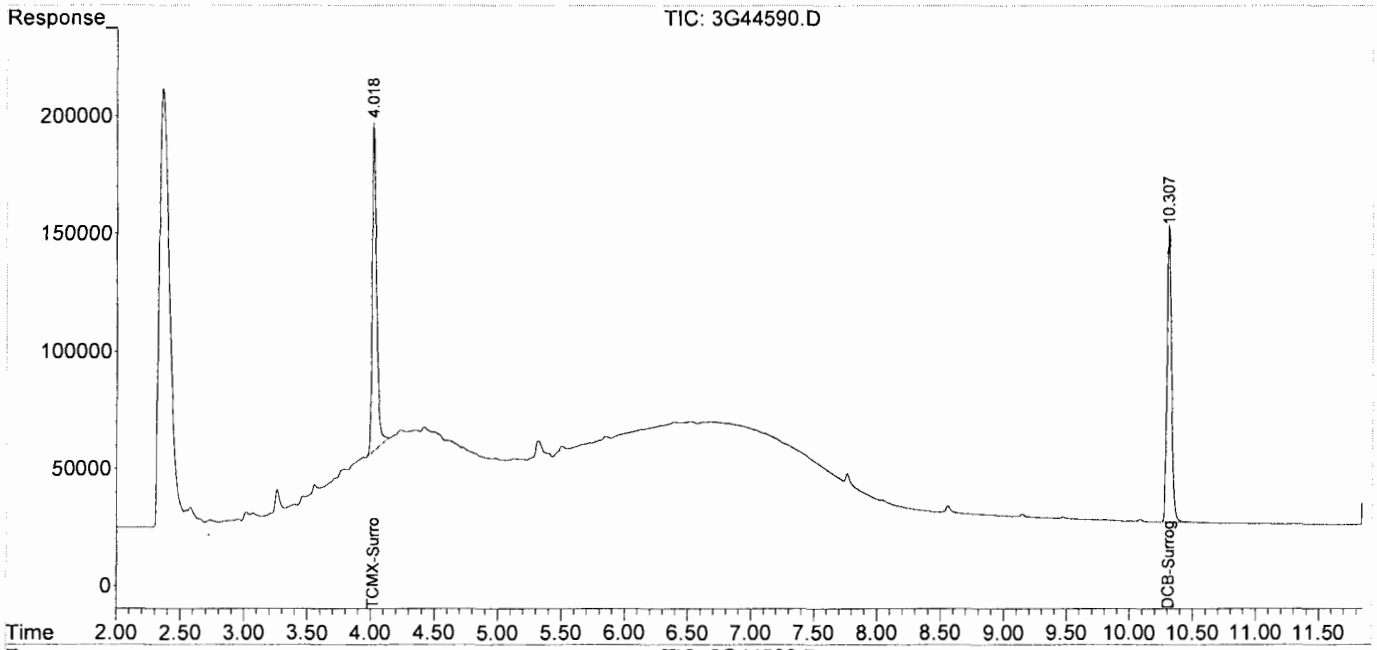
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

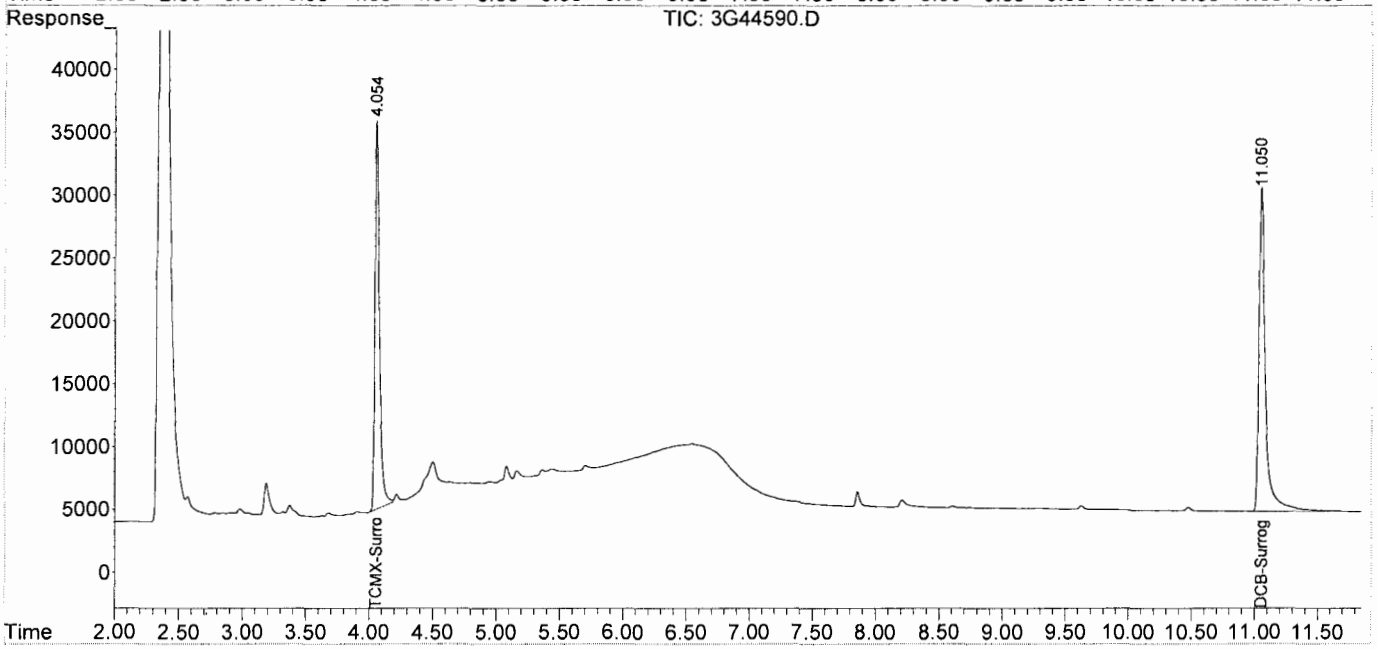
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-25-09\
Data File : 3G44590.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:10
Operator : MS
Sample : AC42868-006
Misc : A,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 10:27:44 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:51:24 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 3G44591.D
Analysis Date: 02/25/09 10:25
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110014

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-25-09\
Data File : 3G44591.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:25
Operator : MS
Sample : AC42868-009
Misc : A,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 10:44:52 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:51:24 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.018	4.055	3265401	670914	85.028m	85.095m
45)DCB-Surrogate	10.306	11.051	3023554	844376	84.159m	95.972m

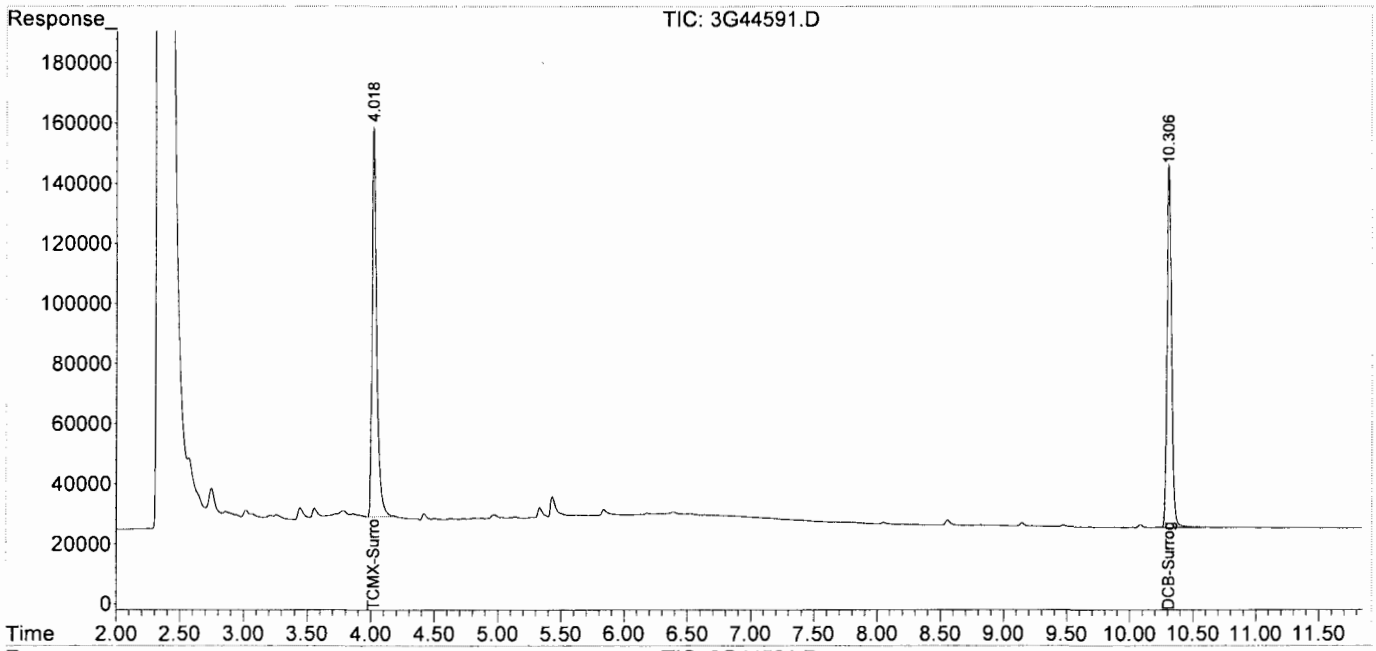
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

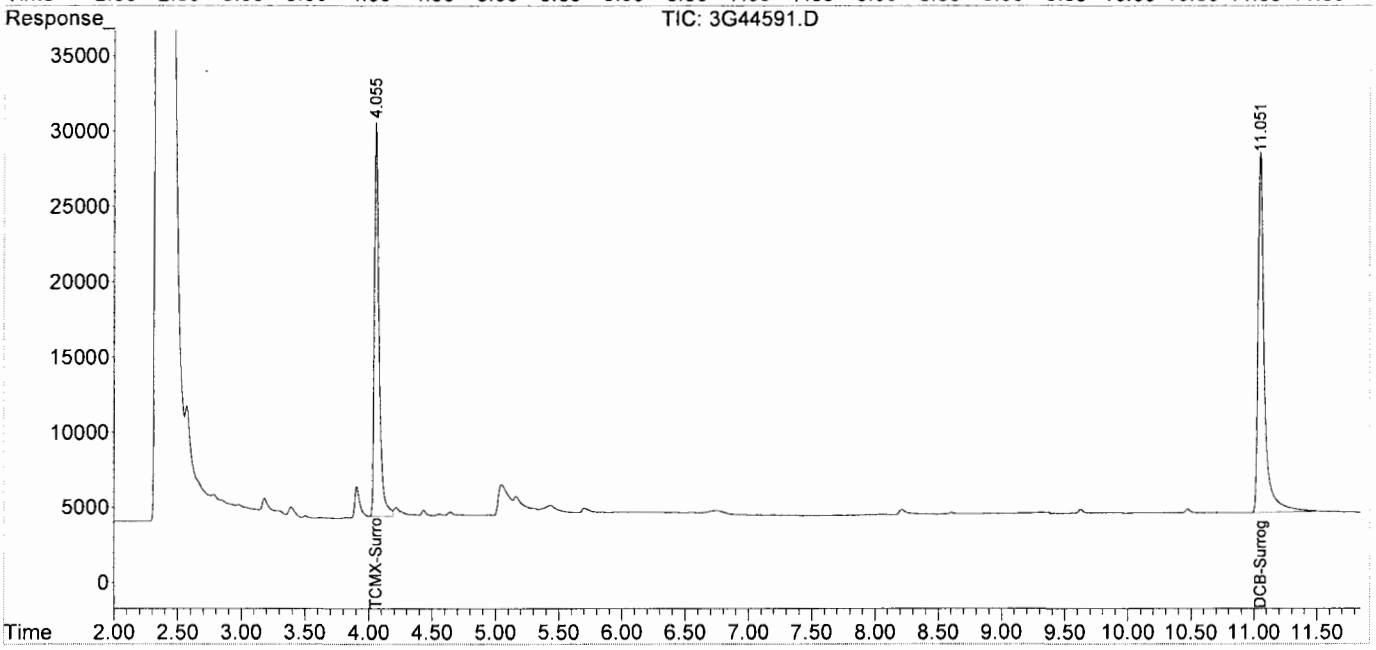
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-25-09\
Data File : 3G44591.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:25
Operator : MS
Sample : AC42868-009
Misc : A,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 10:44:52 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:51:24 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC42868-012
Client Id: FB U
Data File: 3G44592.D
Analysis Date: 02/25/09 10:40
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110014

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-25-09\
Data File : 3G44592.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:40
Operator : MS
Sample : AC42868-012
Misc : A,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 11:15:22 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:51:24 2009
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	4.019	4.053	4136240	850966	109.081	107.931m
45)	DCB-Surrogate	10.308	11.049	2939178	808753	81.703	91.923m

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

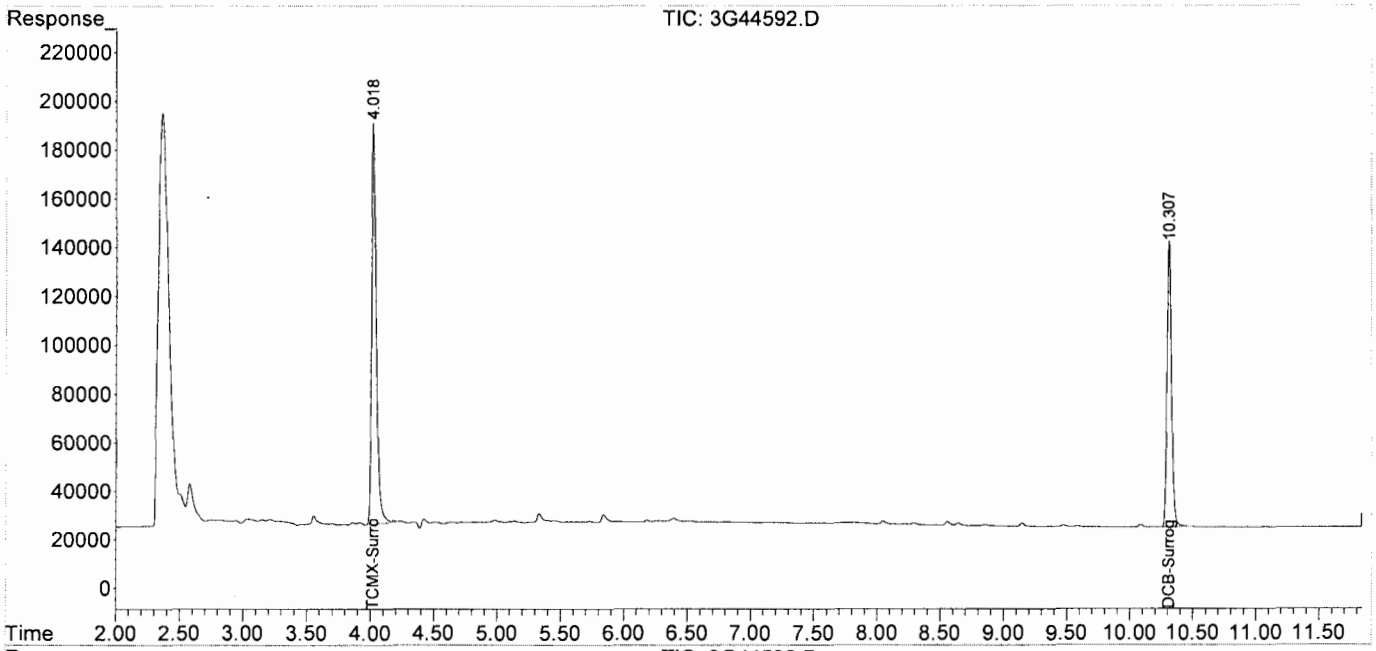
MS

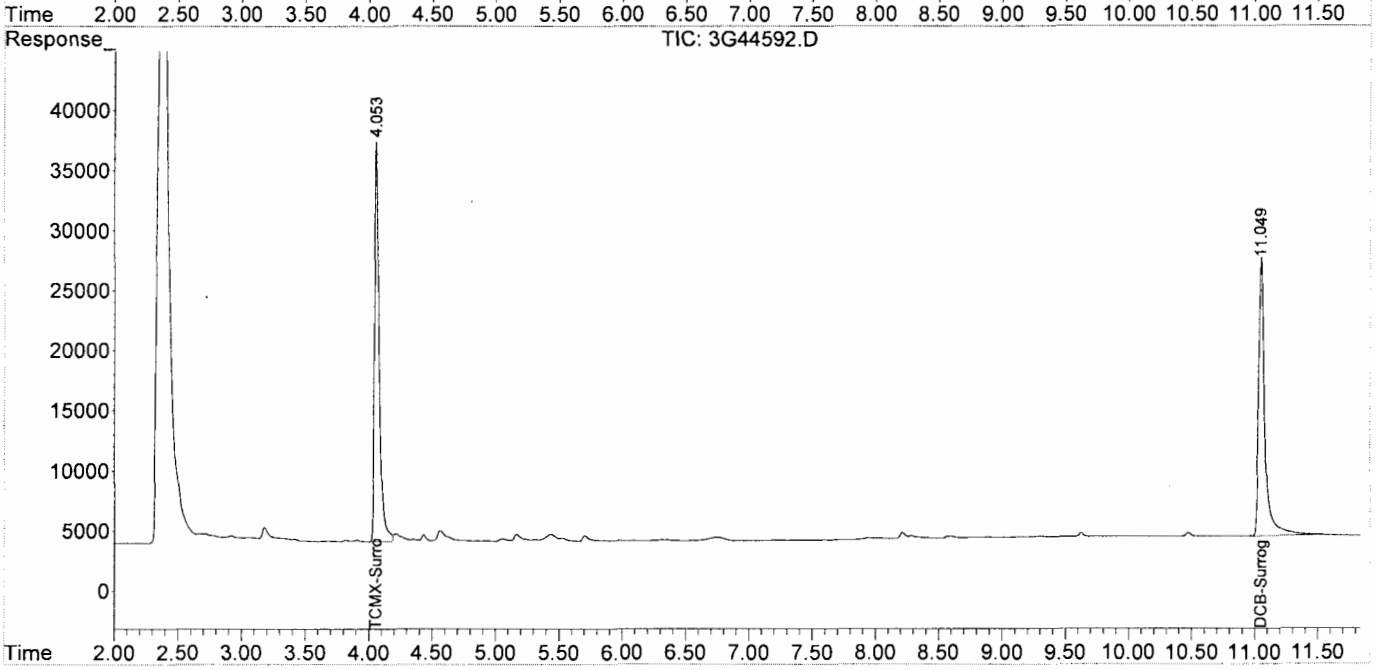
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-25-09\
Data File : 3G44592.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:40
Operator : MS
Sample : AC42868-012
Misc : A,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 11:15:22 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:51:24 2009
Response via : Initial Calibration
Integrator: ChemStation

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





GC PCB Data
Standards Data

Method: EPA 8082

Form 6
Initial Calibration

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G42014.	CAL 1660@50PPB	02/11/09 04:50	2	2G42009.	CAL 1660@200PPB	02/11/09 03:40
3	2G42010.	CAL 1660@500PPB	02/11/09 03:54	4	2G42011.	CAL 1660@1000PPB	02/11/09 04:08
5	2G42012.	CAL 1660@2000PPB	02/11/09 04:22	6	2G42013.	CAL 1660@4000PPB	02/11/09 04:36
7	2G42002.	CAL 3268@500PPB	02/11/09 02:03	8	2G42003.	CAL 1242@500PPB	02/11/09 02:17
9	2G42004.	CAL 1248@500PPB	02/11/09 02:31	10	2G42005.	CAL 2154@500PPB	02/11/09 02:45
11	2G42006.	CAL 1262@500PPB	02/11/09 02:58				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	1.2506	1.1861	1.1769	1.1676	1.1452	1.1333	----	----	1.18	3.02	1.00	1.00	3.5	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	1	1	Qua	0.0346	0.0317	0.0298	0.0272	0.0247	0.0225	----	----	0.0285	3.56	0.997	1.00	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	2	Qua	0.0691	0.0608	0.0540	0.0491	0.0445	0.0414	----	----	0.0532	3.92	0.998	1.00	20	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	3	Qua	0.1365	0.1187	0.1072	0.0998	0.0929	0.0893	----	----	0.107	4.38	0.999	1.00	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	4	LinF	0.0441	0.0398	0.0372	0.0351	0.0328	0.0320	----	----	0.0369	4.63	1.00	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	5	Qua	0.0927	0.0807	0.0750	0.0687	0.0629	0.0612	----	----	0.0736	4.74	0.999	1.00	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	1	Qua	0.0745	0.0697	0.0636	0.0591	0.0558	0.0535	----	----	0.0627	6.26	0.999	1.00	13	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	2	Qua	0.0941	0.0846	0.0749	0.0692	0.0656	0.0629	----	----	0.0753	6.51	0.999	1.00	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	3	Avg	0.0442	0.0434	0.0408	0.0395	0.0402	0.0398	----	----	0.0414	6.71	1.00	1.00	4.8	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	4	Avg	0.0573	0.0591	0.0548	0.0530	0.0521	0.0511	----	----	0.0546	7.30	1.00	1.00	5.7	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	5	Avg	0.0839	0.0816	0.0806	0.0817	0.0823	0.0845	----	----	0.0825	8.03	1.00	1.00	1.8	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	1	1	Avg	----	----	----	----	----	----	----	----	0.0161	3.35	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	2	Avg	----	----	----	----	----	----	----	----	0.0128	3.50	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	3	Avg	----	----	----	----	----	----	----	----	0.0413	3.56	-1	-1	Lvl=10	500.0							
Aroclor-1232	1	1	Avg	----	----	----	----	----	----	----	----	0.0288	3.56	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	2	Avg	----	----	----	----	----	----	----	----	0.0251	3.92	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	3	Avg	----	----	----	----	----	----	----	----	0.0472	4.38	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	4	Avg	----	----	----	----	----	----	----	----	0.0351	4.52	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	5	Avg	----	----	----	----	----	----	----	----	0.0357	4.99	-1	-1	Lvl=7	500.0							
Aroclor-1242	1	1	Avg	----	----	----	----	----	----	----	----	0.0246	3.56	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	2	Avg	----	----	----	----	----	----	----	----	0.0423	3.92	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	3	Avg	----	----	----	----	----	----	----	----	0.0841	4.38	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	4	Avg	----	----	----	----	----	----	----	----	0.0548	4.74	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	5	Avg	----	----	----	----	----	----	----	----	0.0390	4.99	-1	-1	Lvl=8	500.0							
Aroclor-1248	1	1	Avg	----	----	----	----	----	----	----	----	0.0215	3.92	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	2	Avg	----	----	----	----	----	----	----	----	0.0540	4.38	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	3	Avg	----	----	----	----	----	----	----	----	0.0853	4.74	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	4	Avg	----	----	----	----	----	----	----	----	0.0507	5.09	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	5	Avg	----	----	----	----	----	----	----	----	0.0583	5.69	-1	-1	Lvl=9	500.0							
Aroclor-1254	1	1	Avg	----	----	----	----	----	----	----	----	0.0586	5.98	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	2	Avg	----	----	----	----	----	----	----	----	0.0858	6.10	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	3	Avg	----	----	----	----	----	----	----	----	0.0428	6.51	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	4	Avg	----	----	----	----	----	----	----	----	0.0353	6.71	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	5	Avg	----	----	----	----	----	----	----	----	0.0850	6.91	-1	-1	Lvl=10	500.0							
Aroclor-1262	1	1	Avg	----	----	----	----	----	----	----	----	0.0784	6.91	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	2	Avg	----	----	----	----	----	----	----	----	0.0493	7.96	-1	-1	Lvl=11	500.0							

Avg Rsd Col 1: 10.7 Avg Rsd Col 2: 9.65

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pch/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Method: EPA 8082

Form 6
Initial Calibration

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G42014.	CAL 1660@50PPB	02/11/09 04:50	2	2G42009.	CAL 1660@200PPB	02/11/09 03:40
3	2G42010.	CAL 1660@500PPB	02/11/09 03:54	4	2G42011.	CAL 1660@1000PPB	02/11/09 04:08
5	2G42012.	CAL 1660@2000PPB	02/11/09 04:22	6	2G42013.	CAL 1660@4000PPB	02/11/09 04:36
7	2G42002.	CAL 3268@500PPB	02/11/09 02:03	8	2G42003.	CAL 1242@500PPB	02/11/09 02:17
9	2G42004.	CAL 1248@500PPB	02/11/09 02:31	10	2G42005.	CAL 2154@500PPB	02/11/09 02:45
11	2G42006.	CAL 1262@500PPB	02/11/09 02:58				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1262	1	3	Avg	----	----	----	----	----	----	----	----	0.0981	8.03	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	4	Avg	----	----	----	----	----	----	----	----	0.0468	8.71	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	5	Avg	----	----	----	----	----	----	----	----	0.0148	9.01	-1	-1	Lvl=11	500.0							
Aroclor-1268	1	1	Avg	----	----	----	----	----	----	----	----	0.0351	7.24	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	2	Avg	----	----	----	----	----	----	----	----	0.0157	7.30	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	3	Avg	----	----	----	----	----	----	----	----	0.0265	7.65	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	4	Avg	----	----	----	----	----	----	----	----	0.112	8.21	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	5	Avg	----	----	----	----	----	----	----	----	0.0300	8.43	-1	-1	Lvl=7	500.0							
DCB-Surrogate	1	0	Avg	1.0656	1.0326	1.0111	0.9970	0.9758	0.9901	----	----	1.01	9.17	1.00	1.00	3.2	5.00	20.00	50.00	100.0	200.0	400.0		
TCMX-Surrogate	2	0	Avg	1.3498	1.3391	1.3248	1.3521	1.3563	1.3777	----	----	1.35	2.95	1.00	1.00	1.3	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	2	1	Qua	0.0440	0.0411	0.0372	0.0347	0.0323	0.0308	----	----	0.0367	3.54	0.999	1.00	14	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	2	Qua	0.0919	0.0805	0.0753	0.0695	0.0634	0.0597	----	----	0.0734	3.95	0.998	1.00	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	3	Qua	0.1843	0.1546	0.1395	0.1345	0.1253	0.1213	----	----	0.143	4.32	0.999	1.00	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	4	LinF	0.0777	0.0715	0.0645	0.0628	0.0587	0.0567	----	----	0.0654	4.64	0.999	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	5	Qua	0.0576	0.0514	0.0475	0.0453	0.0423	0.0406	----	----	0.0475	5.01	0.999	1.00	13	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	1	Qua	0.1067	0.0899	0.0831	0.0779	0.0728	0.0710	----	----	0.0836	6.31	1.00	1.00	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	2	Qua	0.1078	0.0927	0.0869	0.0816	0.0766	0.0751	----	----	0.0868	6.39	1.00	1.00	14	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	3	Avg	0.0321	0.0304	0.0318	0.0315	0.0306	0.0309	----	----	0.0312	7.02	1.00	1.00	2.2	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	4	Avg	0.0602	0.0564	0.0552	0.0548	0.0527	0.0524	----	----	0.0553	7.37	1.00	1.00	5.2	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	5	Avg	0.0656	0.0668	0.0642	0.0653	0.0657	0.0675	----	----	0.0659	8.07	1.00	1.00	1.8	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	2	1	Avg	----	----	----	----	----	----	----	----	0.0227	3.34	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	2	Avg	----	----	----	----	----	----	----	----	0.0150	3.48	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	3	Avg	----	----	----	----	----	----	----	----	0.0452	3.54	-1	-1	Lvl=10	500.0							
Aroclor-1232	2	1	Avg	----	----	----	----	----	----	----	----	0.0274	3.54	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	2	Avg	----	----	----	----	----	----	----	----	0.0259	3.95	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	3	Avg	----	----	----	----	----	----	----	----	0.0441	4.32	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	4	Avg	----	----	----	----	----	----	----	----	0.0145	4.49	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	5	Avg	----	----	----	----	----	----	----	----	0.0292	5.14	-1	-1	Lvl=7	500.0							
Aroclor-1242	2	1	Avg	----	----	----	----	----	----	----	----	0.0265	3.54	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	2	Avg	----	----	----	----	----	----	----	----	0.0498	3.95	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	3	Avg	----	----	----	----	----	----	----	----	0.0943	4.32	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	4	Avg	----	----	----	----	----	----	----	----	0.0450	4.64	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	5	Avg	----	----	----	----	----	----	----	----	0.0291	5.67	-1	-1	Lvl=8	500.0							
Aroclor-1248	2	1	Avg	----	----	----	----	----	----	----	----	0.0254	3.95	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	2	Avg	----	----	----	----	----	----	----	----	0.0660	4.32	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	3	Avg	----	----	----	----	----	----	----	----	0.0519	4.64	-1	-1	Lvl=9	500.0							

Avg Rsd Col 1: 10.7 Avg Rsd Col 2: 9.65

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Method: EPA 8082

Form 6
Initial Calibration

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G42014.	CAL 1660@50PPB	02/11/09 04:50	2	2G42009.	CAL 1660@200PPB	02/11/09 03:40
3	2G42010.	CAL 1660@500PPB	02/11/09 03:54	4	2G42011.	CAL 1660@1000PPB	02/11/09 04:08
5	2G42012.	CAL 1660@2000PPB	02/11/09 04:22	6	2G42013.	CAL 1660@4000PPB	02/11/09 04:36
7	2G42002.	CAL 3268@500PPB	02/11/09 02:03	8	2G42003.	CAL 1242@500PPB	02/11/09 02:17
9	2G42004.	CAL 1248@500PPB	02/11/09 02:31	10	2G42005.	CAL 2154@500PPB	02/11/09 02:45
11	2G42006.	CAL 1262@500PPB	02/11/09 02:58				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1248	2	4	Avg	----	----	----	----	----	----	----	----	0.0443	5.14	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	5	Avg	----	----	----	----	----	----	----	----	0.0548	5.28	-1	-1	Lvl=9	500.0							
Aroclor-1254	2	1	Avg	----	----	----	----	----	----	----	----	0.0710	5.51	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	2	Avg	----	----	----	----	----	----	----	----	0.0258	5.83	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	3	Avg	----	----	----	----	----	----	----	----	0.0724	6.22	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	4	Avg	----	----	----	----	----	----	----	----	0.0745	6.91	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	5	Avg	----	----	----	----	----	----	----	----	0.0355	7.42	-1	-1	Lvl=10	500.0							
Aroclor-1262	2	1	Avg	----	----	----	----	----	----	----	----	0.0902	6.91	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	2	Avg	----	----	----	----	----	----	----	----	0.0698	7.97	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	3	Avg	----	----	----	----	----	----	----	----	0.0633	8.03	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	4	Avg	----	----	----	----	----	----	----	----	0.0753	8.61	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	5	Avg	----	----	----	----	----	----	----	----	0.0191	9.03	-1	-1	Lvl=11	500.0							
Aroclor-1268	2	1	Avg	----	----	----	----	----	----	----	----	0.0358	7.37	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	2	Avg	----	----	----	----	----	----	----	----	0.0109	7.47	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	3	Avg	----	----	----	----	----	----	----	----	0.0168	7.47	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	4	Avg	----	----	----	----	----	----	----	----	0.105	8.38	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	5	Avg	----	----	----	----	----	----	----	----	0.0267	8.38	-1	-1	Lvl=7	500.0							
DCB-Surrogate	2	0	Avg	1.3306	1.2403	1.2106	1.2185	1.2096	1.2325	----	----	1.24	9.44	1.00	1.00	3.7	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 10.7 Avg Rsd Col 2: 9.65

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\Data\02-11-09\
Data File : 2G42014.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 4:50
Operator : JP
Sample : CAL 1660@50PPB
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:52:51 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:47:48 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.016	2.950	62535	67494	5.377	4.507m
2)Aroclor-1016 {1}	3.555	3.544	17336	22036	59.583	55.253
3)Aroclor-1016 {2}	3.920	3.951	34591	45996	64.111m	59.192
4)Aroclor-1016 {3}	4.379	4.320	68255	92186	63.574	61.670
5)Aroclor-1016 {4}	4.625	4.643	22086	38852	59.460	54.457m
6)Aroclor-1016 {5}	4.733	5.007	46378	28811	62.656	56.378
7)Aroclor-1260 {1}	6.257	6.306	37282	53397	59.508	58.075
8)Aroclor-1260 {2}	6.511	6.395	47061	53938	65.818	55.501
9)Aroclor-1260 {3}	6.709	7.019	22122	16070	55.450m	39.019 #
10)Aroclor-1260 {4}	7.300	7.372	28697	30129	52.063m	53.453m
11)Aroclor-1260 {5}	8.030	8.072	41956	32829	53.332m	46.401
45)DCB-Surrogate	9.170	9.442	53283	66534	5.256	5.305

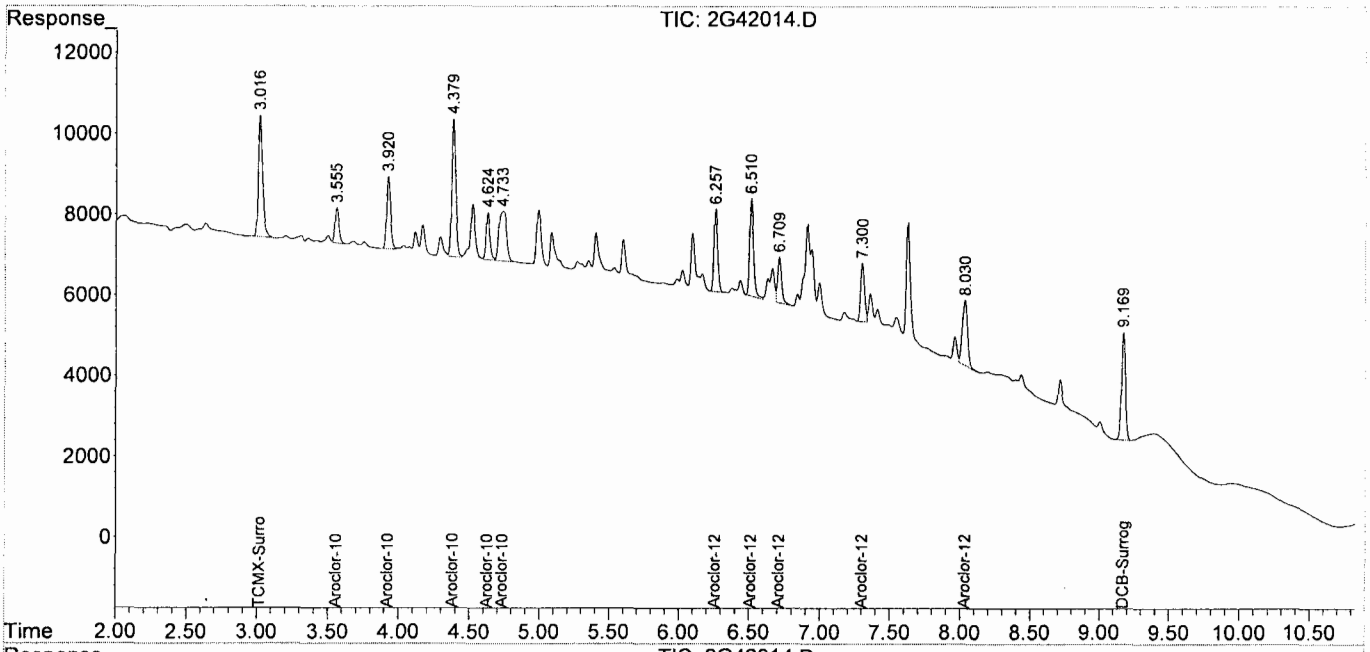
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

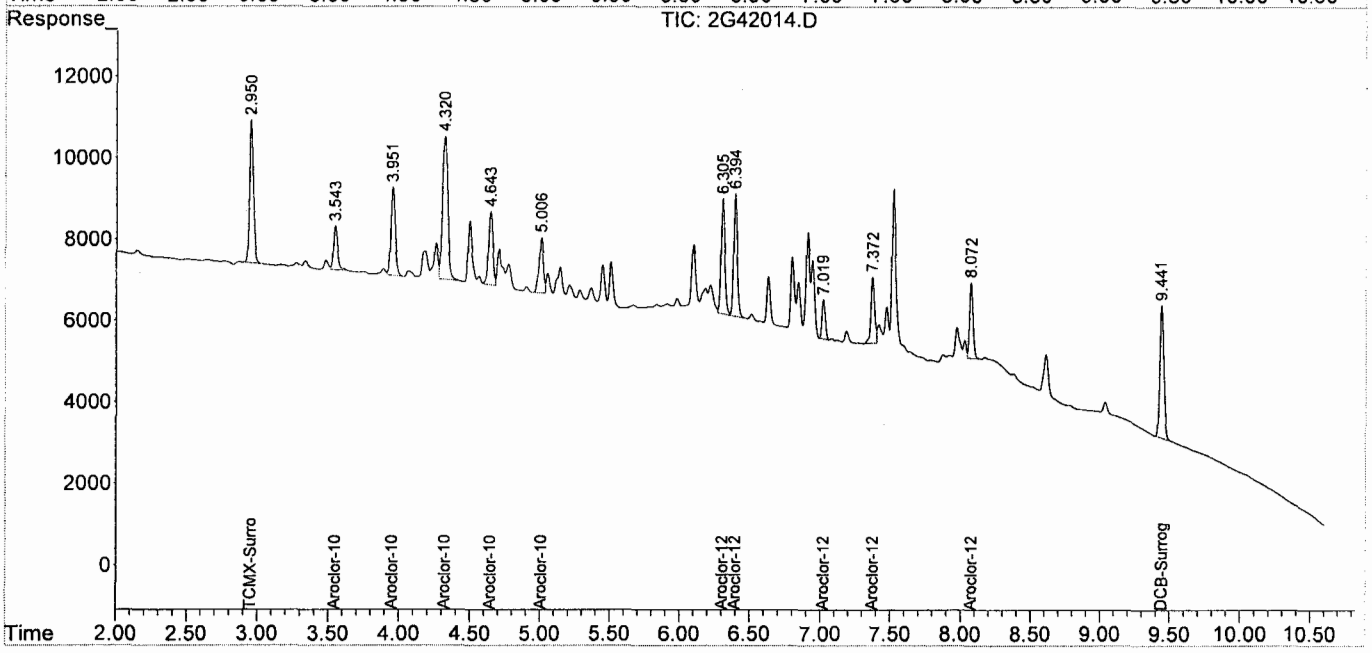
MS

Data Path : G:\GCDATA\2009\GC_2\Data\02-11-09\
Data File : 2G42014.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 4:50
Operator : JP
Sample : CAL 1660@50PPB
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:52:51 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:47:48 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42009.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 3:40
Operator : JP
Sample : CAL 1660@200PPB
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:41:44 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:15:52 2009
Response via : Initial Calibration
Integrator: ChemStation

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

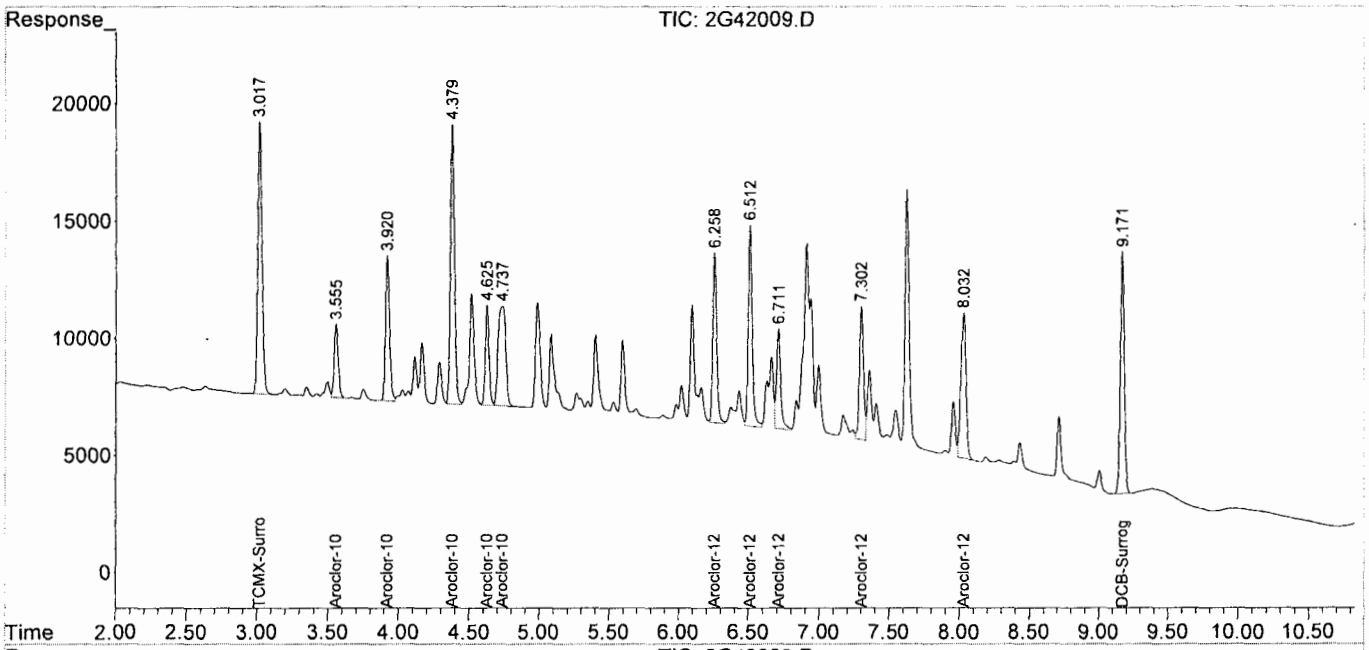
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.017	2.950	237222	267831	20.398m	17.883m
2)Aroclor-1016 {1}	3.556	3.543	63445	82293	218.053	206.344
3)Aroclor-1016 {2}	3.921	3.951	121766	161174	225.679	207.413
4)Aroclor-1016 {3}	4.380	4.320	237434	309362	221.153	206.956
5)Aroclor-1016 {4}	4.626	4.642	79590	143112	214.278	200.593
6)Aroclor-1016 {5}	4.737	5.006	161513	102845	218.200	201.245
7)Aroclor-1260 {1}	6.258	6.305	139390	179972	222.485	195.742
8)Aroclor-1260 {2}	6.512	6.394	169274	185530	236.742	190.905
9)Aroclor-1260 {3}	6.712	7.020	86924	60874	217.882	147.805 #
10)Aroclor-1260 {4}	7.302	7.373	118288	112856	214.603	200.222
11)Aroclor-1260 {5}	8.032	8.072	163193	133669	207.443	188.928m
45)DCB-Surrogate	9.172	9.441	206523	248073	20.372	19.779

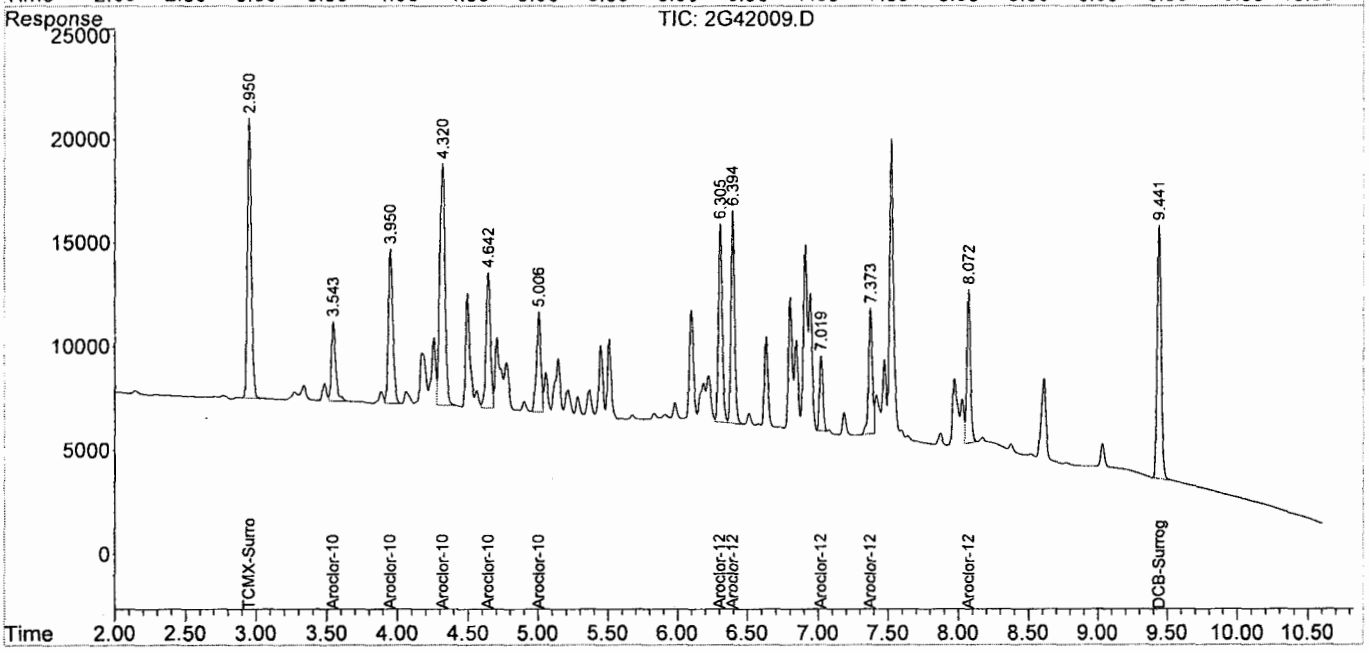
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42009.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 3:40
Operator : JP
Sample : CAL 1660@200PPB
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:41:44 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:15:52 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42010.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 3:54
Operator : JP
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:43:32 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:15:52 2009
Response via : Initial Calibration
Integrator: ChemStation

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

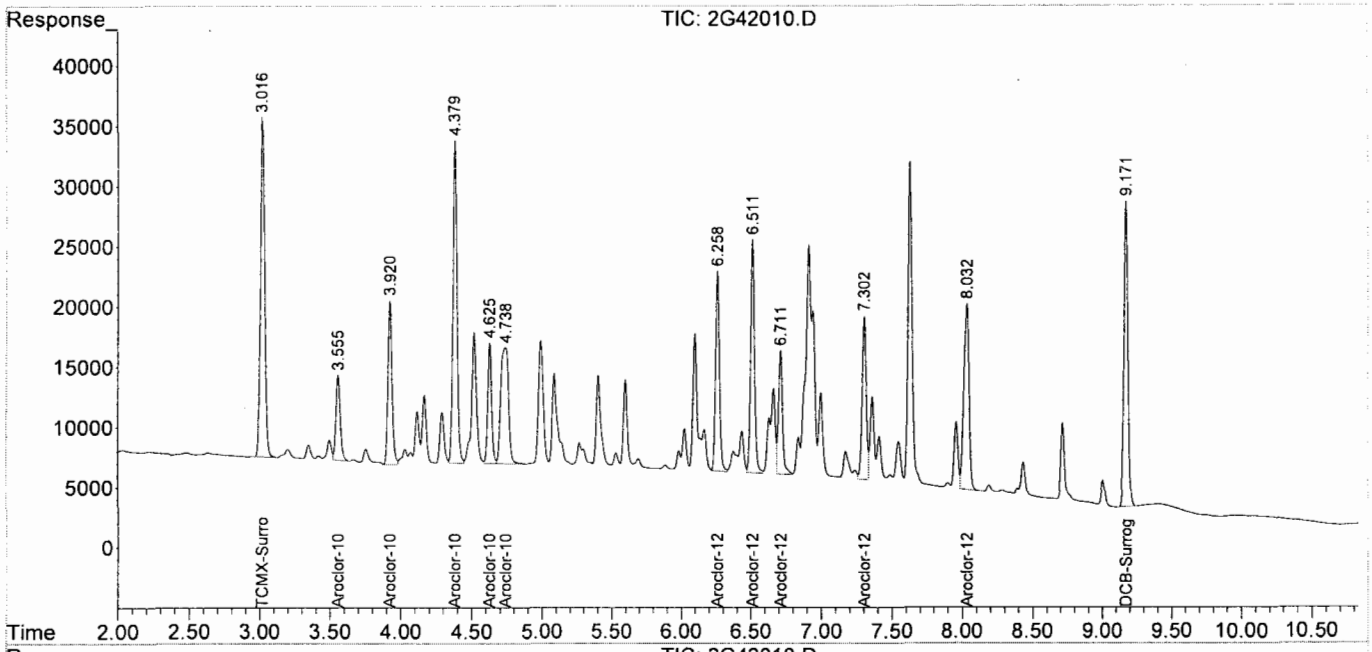
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.017	2.950	588482	662426	50.602	44.231
2)Aroclor-1016 {1}	3.556	3.542	149000	186287	512.100	467.103
3)Aroclor-1016 {2}	3.920	3.951	270337	376630	501.038m	484.681
4)Aroclor-1016 {3}	4.380	4.320	536300	697869	499.524	466.857
5)Aroclor-1016 {4}	4.626	4.642	186208	322539	501.323	452.086
6)Aroclor-1016 {5}	4.738	5.006	375042	237481	506.674	464.699
7)Aroclor-1260 {1}	6.258	6.305	318032	415521	507.621	451.930
8)Aroclor-1260 {2}	6.511	6.394	374930	434671	524.367	447.264
9)Aroclor-1260 {3}	6.712	7.020	204310	159054	512.120	386.193
10)Aroclor-1260 {4}	7.302	7.373	274449	276202	497.916	490.023m
11)Aroclor-1260 {5}	8.032	8.072	403103	321067	512.406	453.796m
45)DCB-Surrogate	9.172	9.441	505556	605328	49.870	48.262

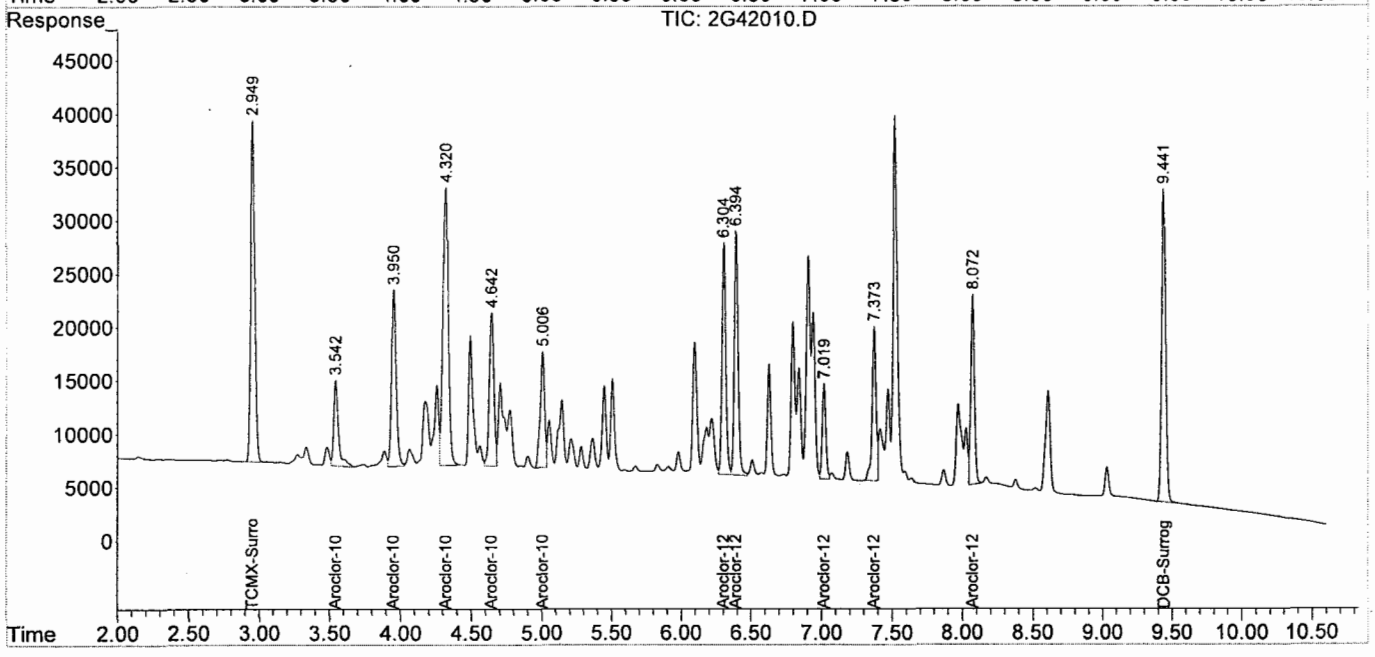
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42010.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 3:54
Operator : JP
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:43:32 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:15:52 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42011.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 4:08
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:49:03 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:47:48 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.015	2.949	1167599	1352124	100.398	90.282
2)Aroclor-1016 {1}	3.554	3.542	272140	347596	935.320	871.573
3)Aroclor-1016 {2}	3.918	3.950	490952	695295	909.924m	894.767
4)Aroclor-1016 {3}	4.378	4.320	998797	1345070	930.307	899.820
5)Aroclor-1016 {4}	4.625	4.642	351392	628062	946.041	880.322
6)Aroclor-1016 {5}	4.737	5.006	687945	453836	929.398	888.058
7)Aroclor-1260 {1}	6.257	6.305	591117	779663	943.499	847.979
8)Aroclor-1260 {2}	6.510	6.394	692301	816949	968.232	840.617
9)Aroclor-1260 {3}	6.711	7.019	395485	315005	991.318	764.853
10)Aroclor-1260 {4}	7.301	7.373	530253	548848	962.006	973.736
11)Aroclor-1260 {5}	8.032	8.073	817100	653581	1038.659	923.771
45)DCB-Surrogate	9.171	9.442	997019	1218521	98.351	97.151

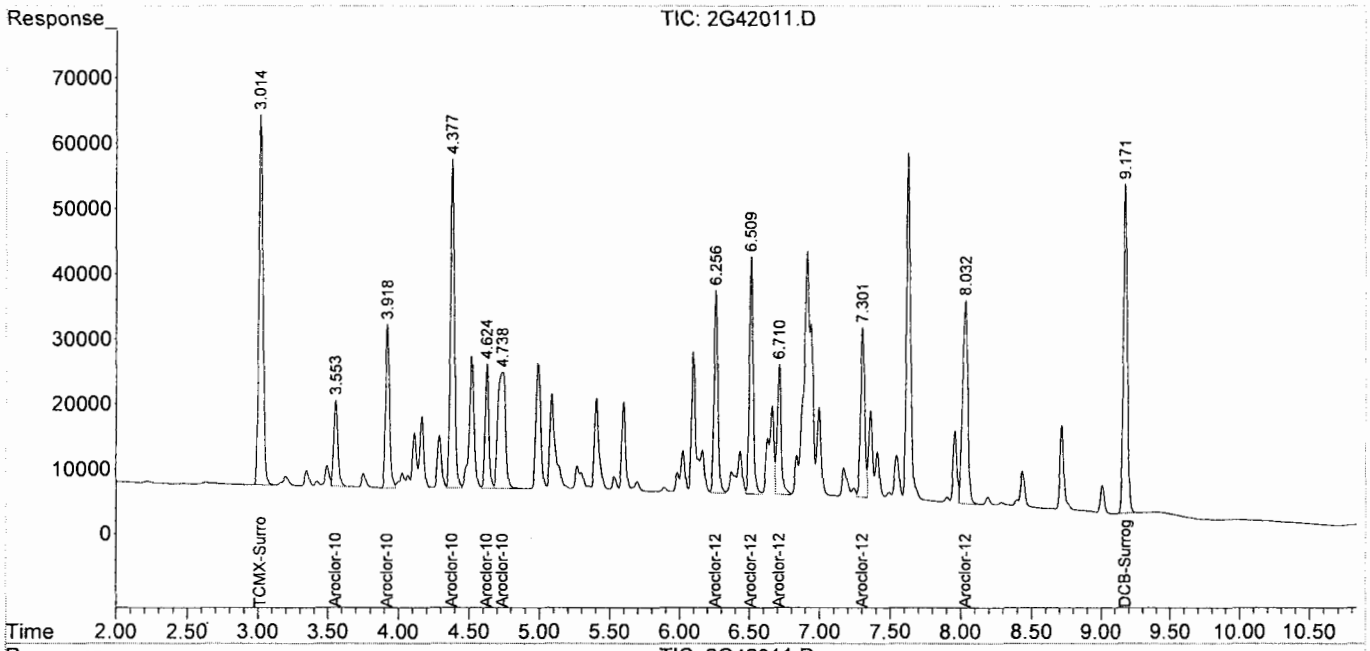
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

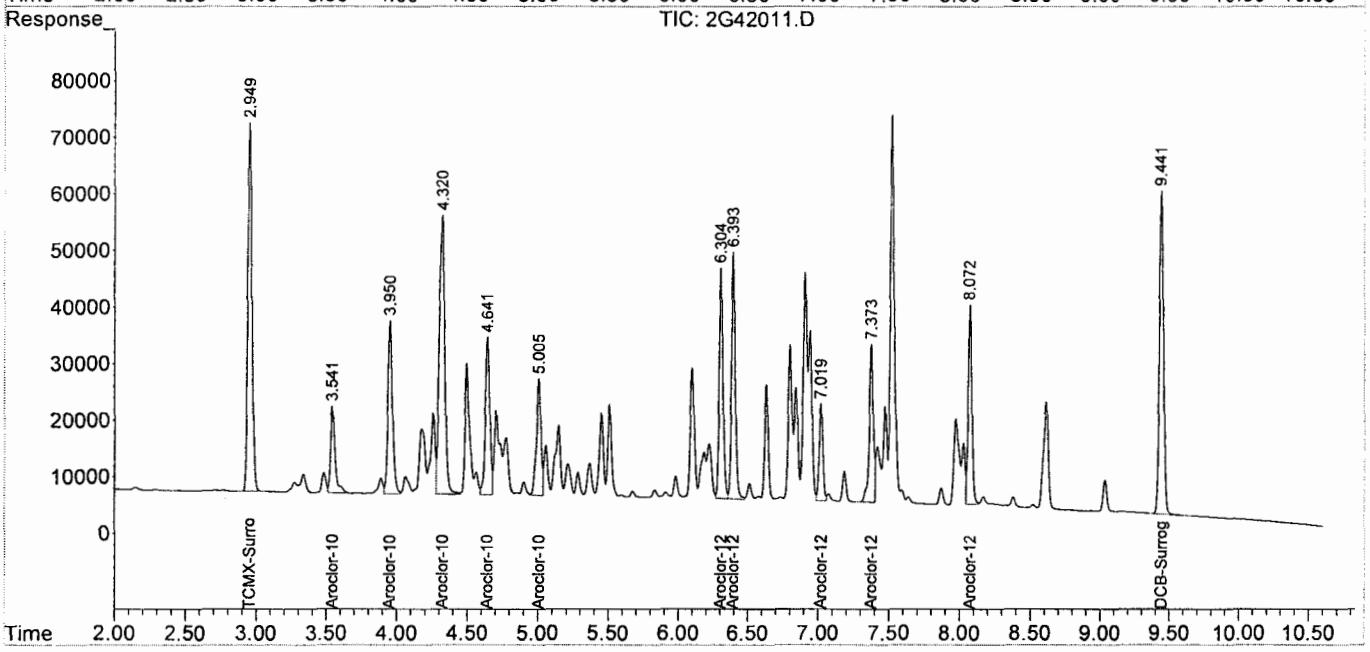
Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42011.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 4:08
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:49:03 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:47:48 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42012.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 4:22
Operator : JP
Sample : CAL 1660@2000PPB
Misc : S,PCB
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:49:50 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:47:48 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2	
Target Compounds							
1)TCMX-Surrogate	3.015	2.949	2290451	2712754	196.949	181.132	
2)Aroclor-1016 {1}	3.555	3.542	494783	647459	1700.523	1623.462	
3)Aroclor-1016 {2}	3.919	3.950	890784	1269282	1650.966	1633.425	
4)Aroclor-1016 {3}	4.379	4.320	1858278	2507893	1730.852	1677.720	
5)Aroclor-1016 {4}	4.625	4.641	657674	1175269	1770.635	1647.314	
6)Aroclor-1016 {5}	4.738	5.005	1258704	846251	1700.482	1655.928	
7)Aroclor-1260 {1}	6.257	6.305	1116152	1456441	1781.523	1584.058	
8)Aroclor-1260 {2}	6.510	6.393	1312245	1532586	1835.269	1576.987	
9)Aroclor-1260 {3}	6.711	7.019	804624	613618	2016.860	1489.904	#
10)Aroclor-1260 {4}	7.301	7.372	1041971	1054928	1890.385	1871.595	
11)Aroclor-1260 {5}	8.032	8.072	1647148	1315494	2093.776	1859.319	
45)DCB-Surrogate	9.171	9.441	1951684	2419349	192.523	192.892	

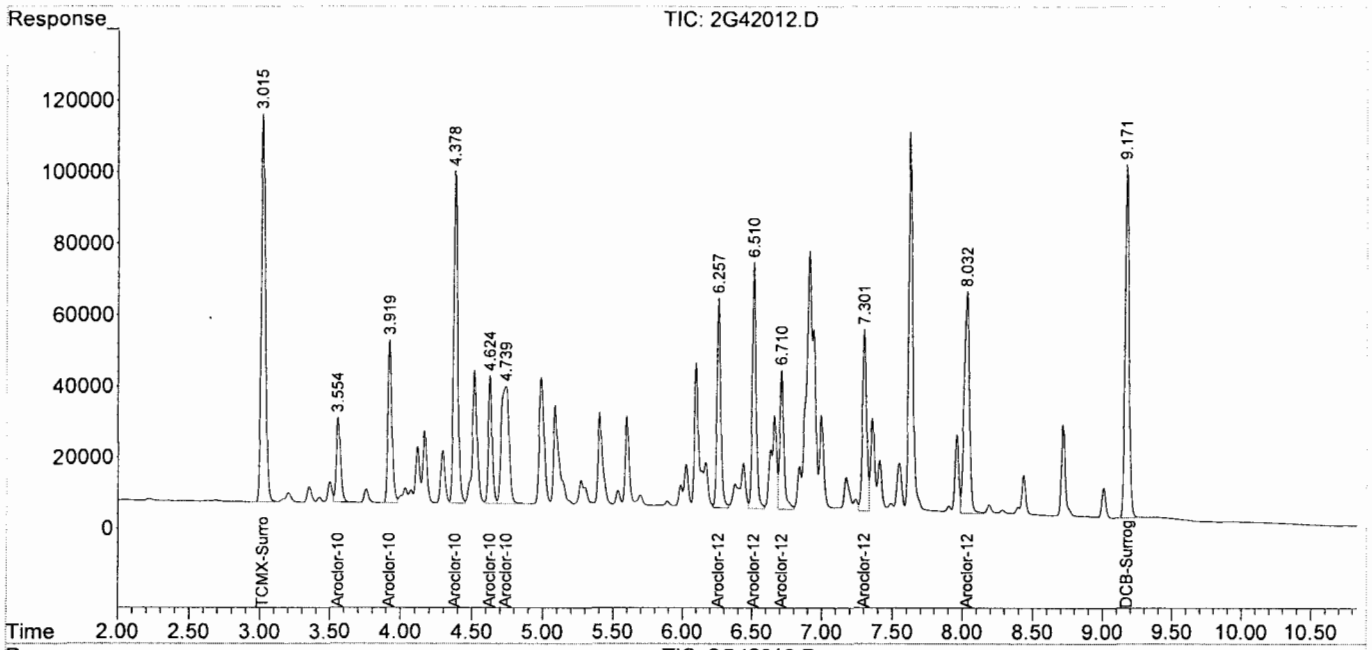
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

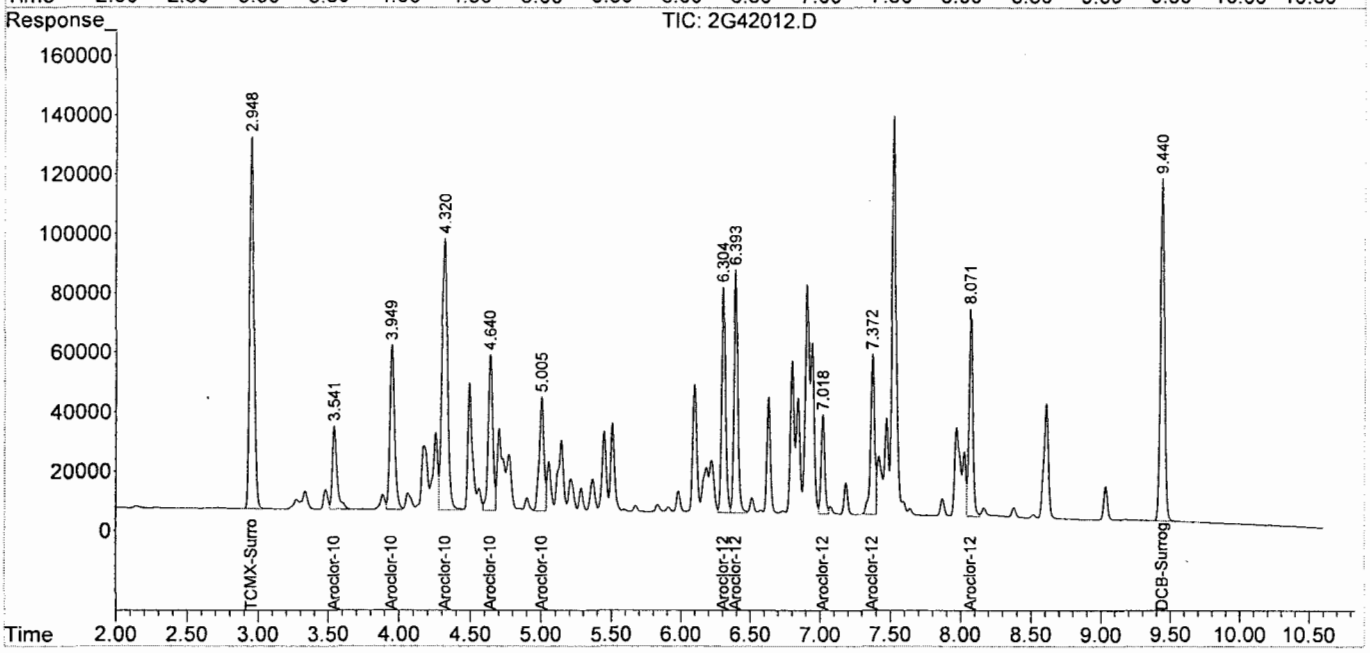
Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42012.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 4:22
Operator : JP
Sample : CAL 1660@2000PPB
Misc : S,PCB
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:49:50 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:47:48 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42013.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 4:36
Operator : JP
Sample : CAL 1660@4000PPB
Misc : S,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:50:33 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:47:48 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.015	2.950	4533319	5510945	389.806	367.968
2)Aroclor-1016 {1}	3.554	3.541	903607	1233150	3105.611	3092.041
3)Aroclor-1016 {2}	3.918	3.949	1659116	2389552	3074.981	3075.089
4)Aroclor-1016 {3}	4.378	4.320	3574277	4852215	3329.182	3246.015
5)Aroclor-1016 {4}	4.624	4.640	1281095	2269952	3449.051	3181.675
6)Aroclor-1016 {5}	4.738	5.004	2448748	1624645	3308.207	3179.075
7)Aroclor-1260 {1}	6.256	6.304	2141584	2842323	3418.247	3091.374
8)Aroclor-1260 {2}	6.509	6.393	2519185	3005809	3523.260	3092.890
9)Aroclor-1260 {3}	6.710	7.019	1593645	1236657	3994.609	3002.681
10)Aroclor-1260 {4}	7.301	7.372	2046278	2096299	3712.441	3719.140
11)Aroclor-1260 {5}	8.031	8.072	3382647	2700743	4299.859	3817.230
45)DCB-Surrogate	9.170	9.441	3960660	4930179	390.698	393.078

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

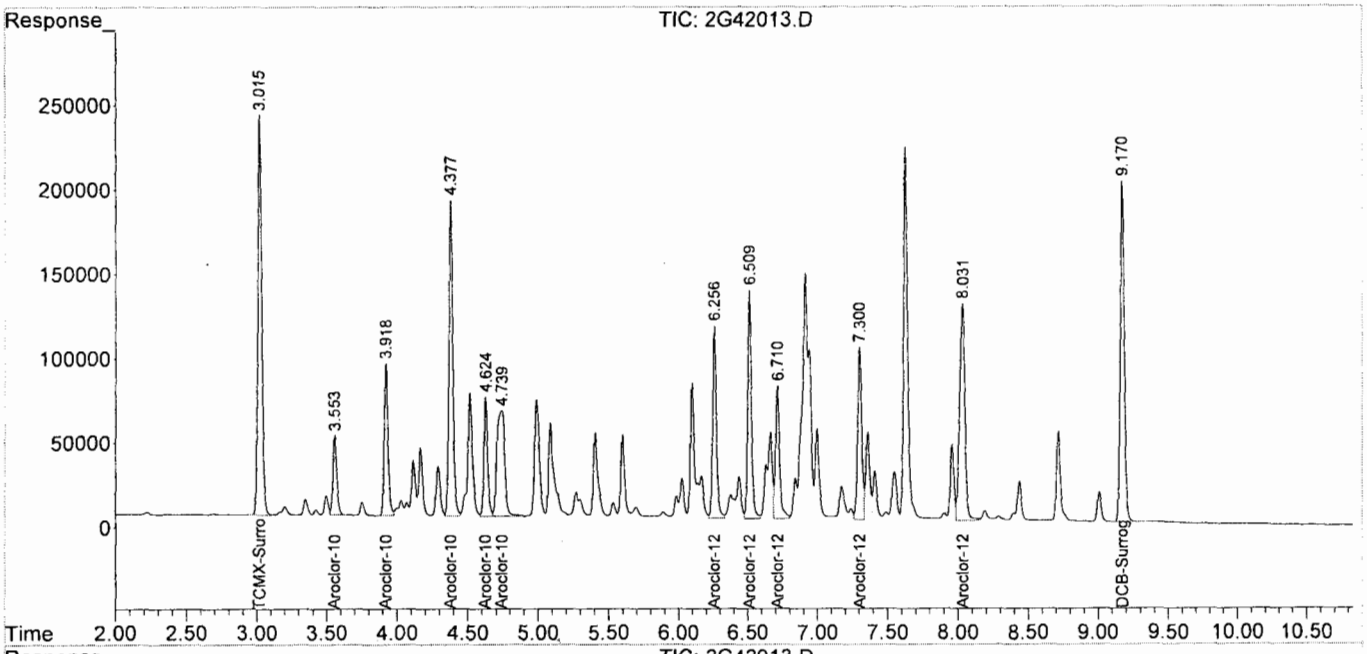
MS

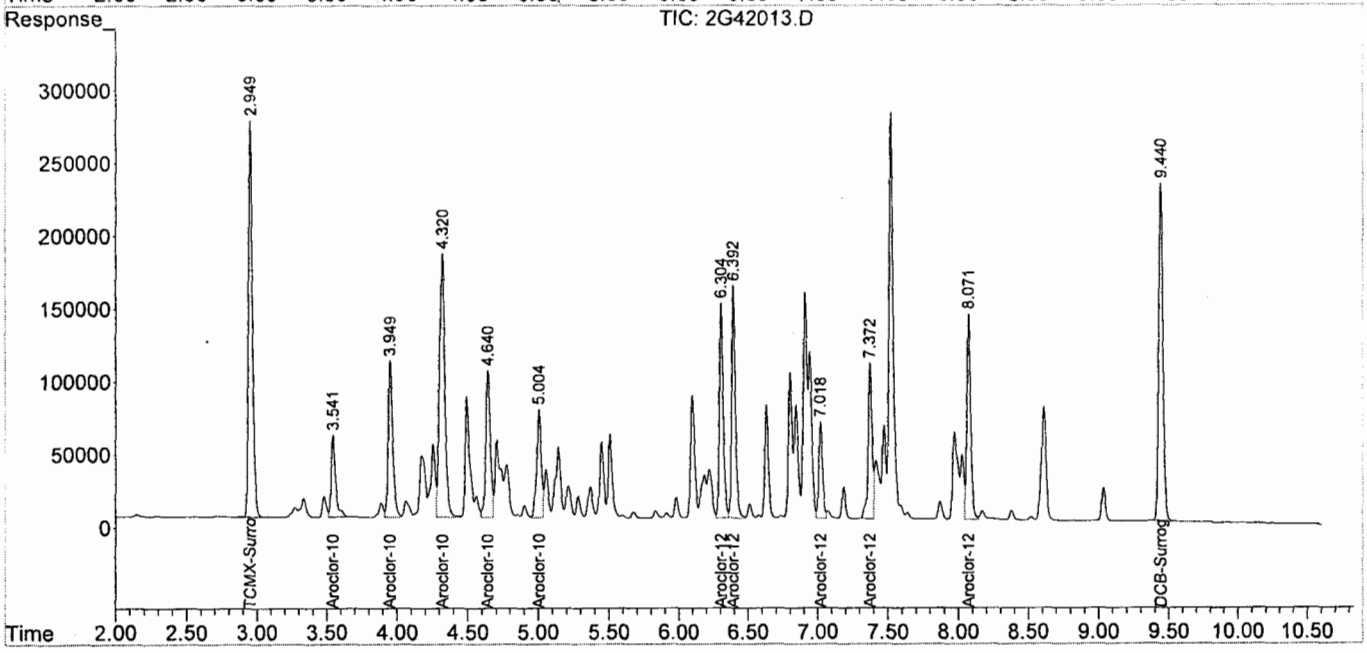
Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42013.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 4:36
Operator : JP
Sample : CAL 1660@4000PPB
Misc : S,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 08:50:33 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 08:47:48 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42002.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 2:03
Operator : JP
Sample : CAL 3268@500PPB
Misc : S,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 09:09:34 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:07:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.029	2.950	599575	480901	51.556	32.110 #
15)Aroclor-1232 {1}	3.572	3.544	144114	137017	481.507	501.935
16)Aroclor-1232 {2}	3.937	3.952	125304	129344	498.366m	510.151
17)Aroclor-1232 {3}	4.398	4.323	235730	220619	499.569	500.567
18)Aroclor-1232 {4}	4.535	4.496	175551	72541	520.582	500.895
19)Aroclor-1232 {5}	5.008	5.147	178568	146031	484.565	498.140
40)Aroclor-1268 {1}	7.216	7.343	175564	179008	345.850m	353.028m
41)Aroclor-1268 {2}	7.309	7.474	78680	54326	357.435m	295.749m
42)Aroclor-1268 {3}	7.648	7.525	132567	83830	411.826m	365.732m
43)Aroclor-1268 {4}	8.209	8.384	557653	523579	469.042m	443.534m
44)Aroclor-1268 {5}	8.307	8.524	150135	133609	413.595m	313.092m
45)DCB-Surrogate	9.191	9.447	859199	830190	84.755m	66.190

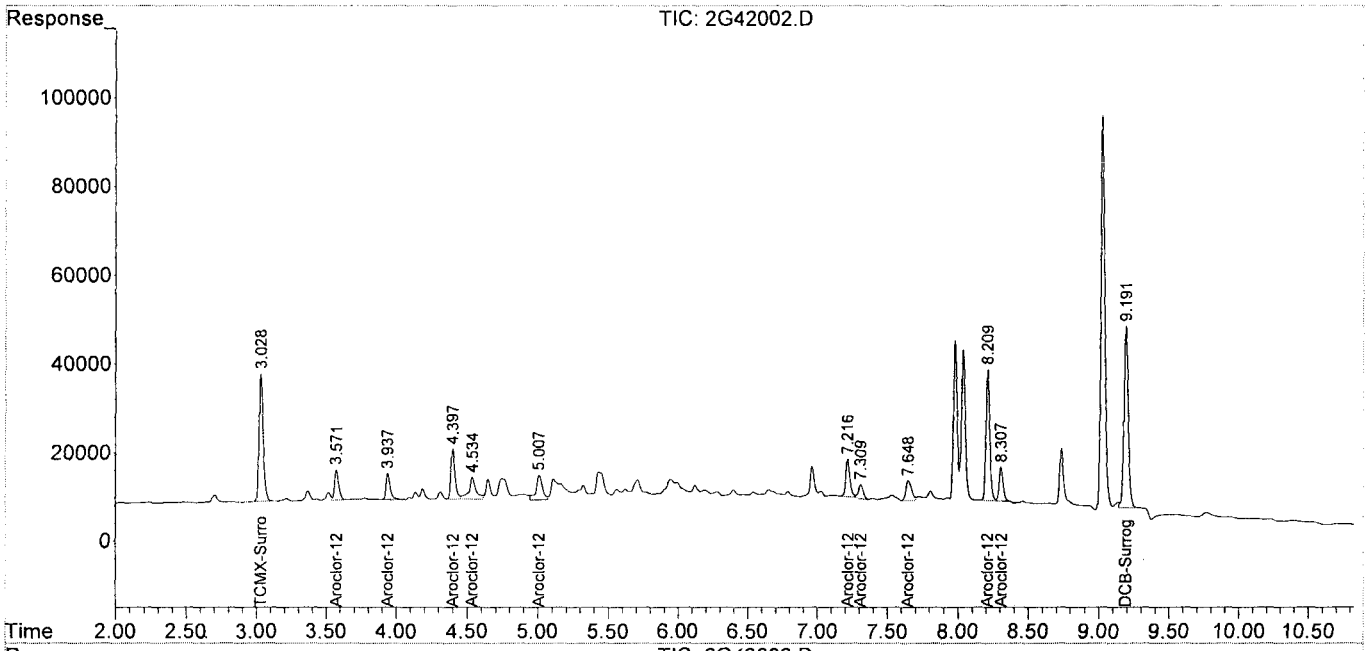
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

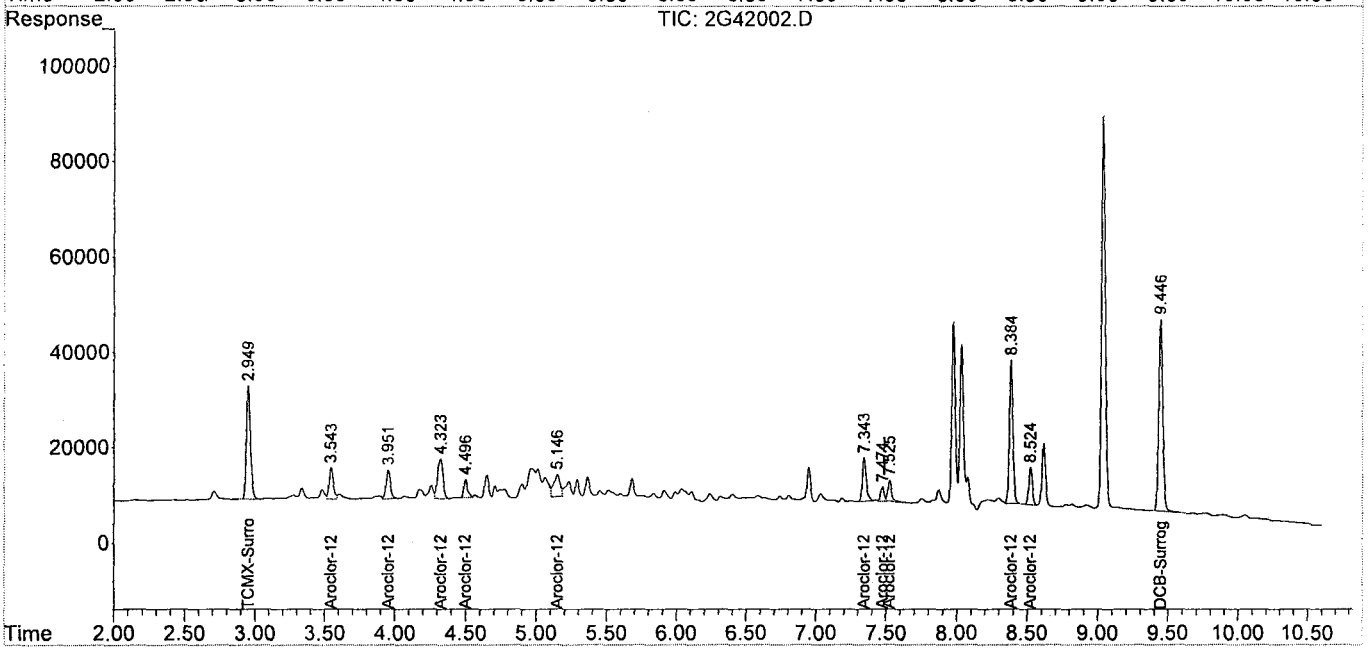
Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42002.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 2:03
Operator : JP
Sample : CAL 3268@500PPB
Misc : S,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 09:09:34 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:07:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42003.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 2:17
Operator : JP
Sample : CAL 1242@500PPB
Misc : S,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 09:13:20 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:12:26 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.014	2.945	579451	583571	49.825	38.965
20)Aroclor-1242 {1}	3.553	3.537	122767	132403	501.878m	510.203m
21)Aroclor-1242 {2}	3.919	3.946	211333	249013	505.284m	480.765
22)Aroclor-1242 {3}	4.379	4.316	420282	471530	494.838	510.833
23)Aroclor-1242 {4}	4.735	4.637	274178	224995	500.141	507.914
24)Aroclor-1242 {5}	4.988	5.670	195081	145715	487.218	472.377
45)DCB-Surrogate	9.174	9.437	501664	504713	49.486	40.240m

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

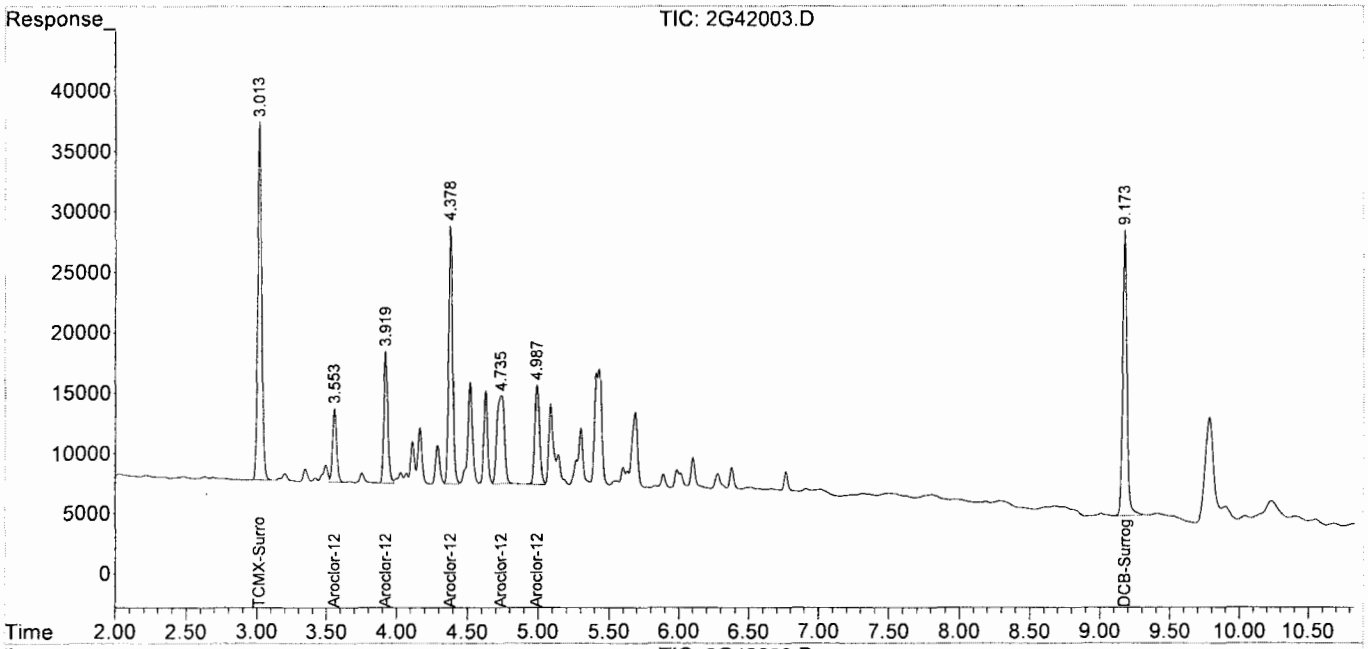
MS

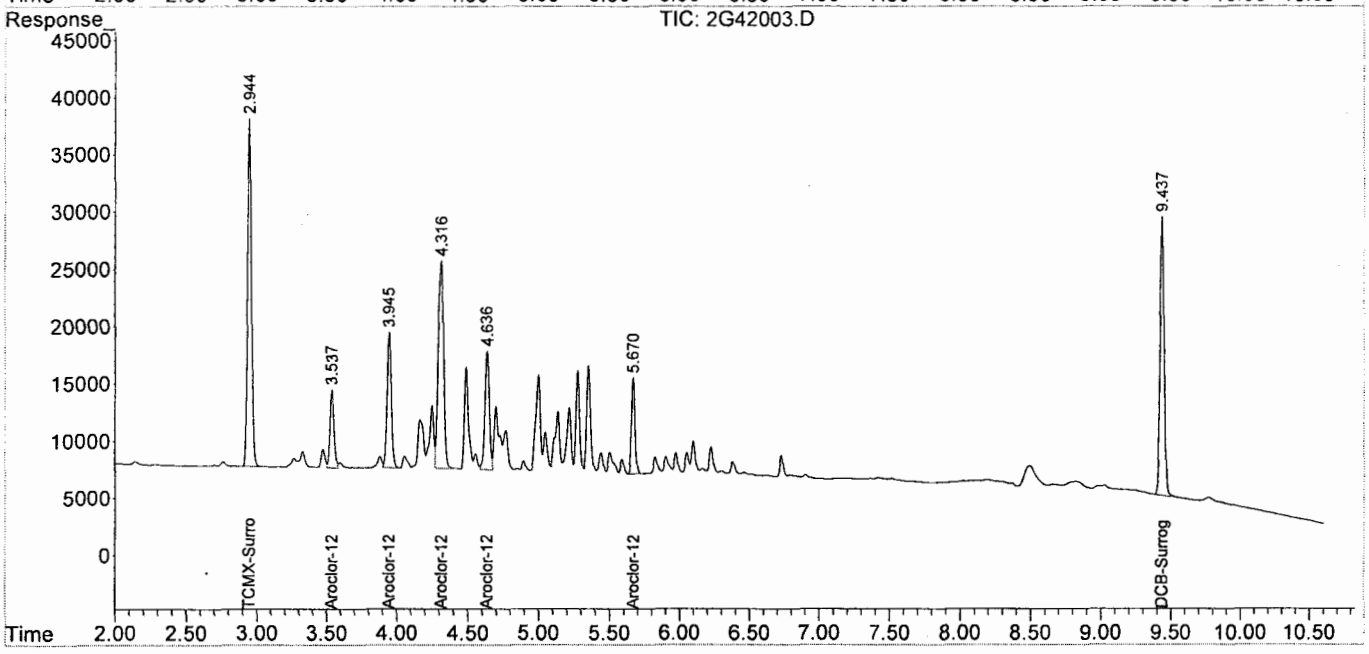
Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42003.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 2:17
Operator : JP
Sample : CAL 1242@500PPB
Misc : S,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 09:13:20 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:12:26 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42004.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 2:31
Operator : JP
Sample : CAL 1248@500PPB
Misc : S,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 09:15:22 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:14:43 2009
Response via : Initial Calibration
Integrator: ChemStation

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

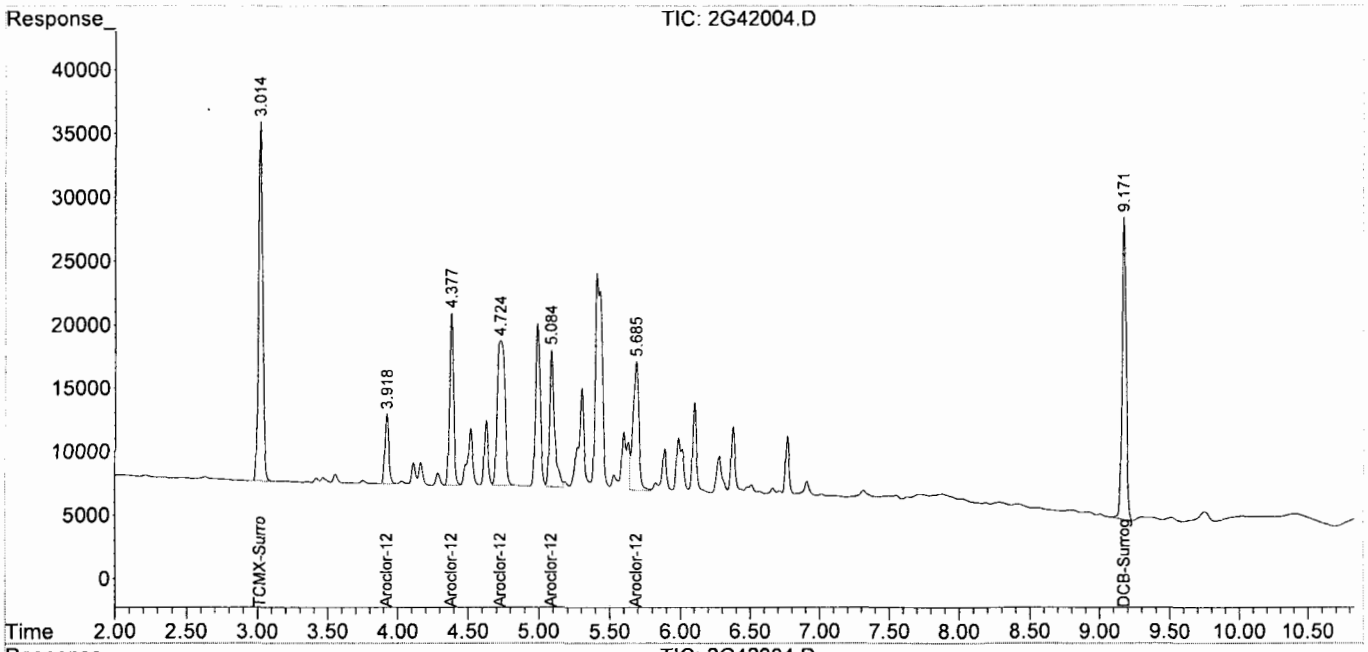
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.014	2.946	568186	602715	48.856	40.244
25)Aroclor-1248 {1}	3.918	3.946	107491	127256	494.955m	485.157
26)Aroclor-1248 {2}	4.377	4.314	270116	330175	489.116	500.323
27)Aroclor-1248 {3}	4.724	4.643	426707	259670	498.676	444.847
28)Aroclor-1248 {4}	5.084	5.140	253412	221357	514.034	520.625
29)Aroclor-1248 {5}	5.685	5.278	291673	274206	510.869	505.281
45)DCB-Surrogate	9.171	9.437	477244	532888	47.078	42.487

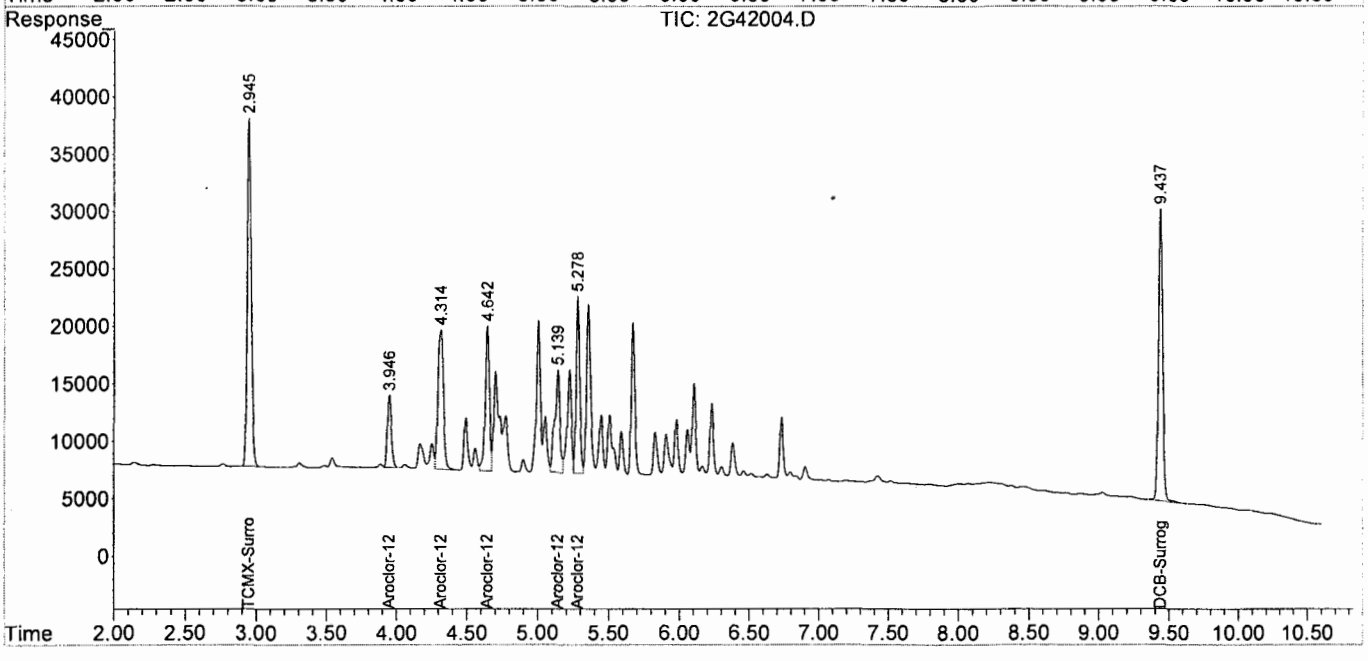
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42004.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 2:31
Operator : JP
Sample : CAL 1248@500PPB
Misc : S,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 09:15:22 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:14:43 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42005.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 2:45
Operator : JP
Sample : CAL 2154@500PPB
Misc : S,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 09:18:17 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:17:32 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.015	2.948	590903	638049	50.810	42.603m
12)Aroclor-1221 {1}	3.347	3.333	80522	113581	465.143	470.333
13)Aroclor-1221 {2}	3.495	3.478	64225	74846	470.833	492.425
14)Aroclor-1221 {3}	3.555	3.540	206565	226146	492.705	499.196
30)Aroclor-1254 {1}	5.983	5.505	292830	355169	504.523	490.301
31)Aroclor-1254 {2}	6.098	5.829	428728	128883	500.144	507.082
32)Aroclor-1254 {3}	6.510	6.230	214220	361791	521.911	496.077
33)Aroclor-1254 {4}	6.764	6.904	176310	372279	506.775	476.379
34)Aroclor-1254 {5}	6.910	7.422	425075	177368	480.136	514.048
45)DCB-Surrogate	9.171	9.439	483188	544903	47.664	43.445

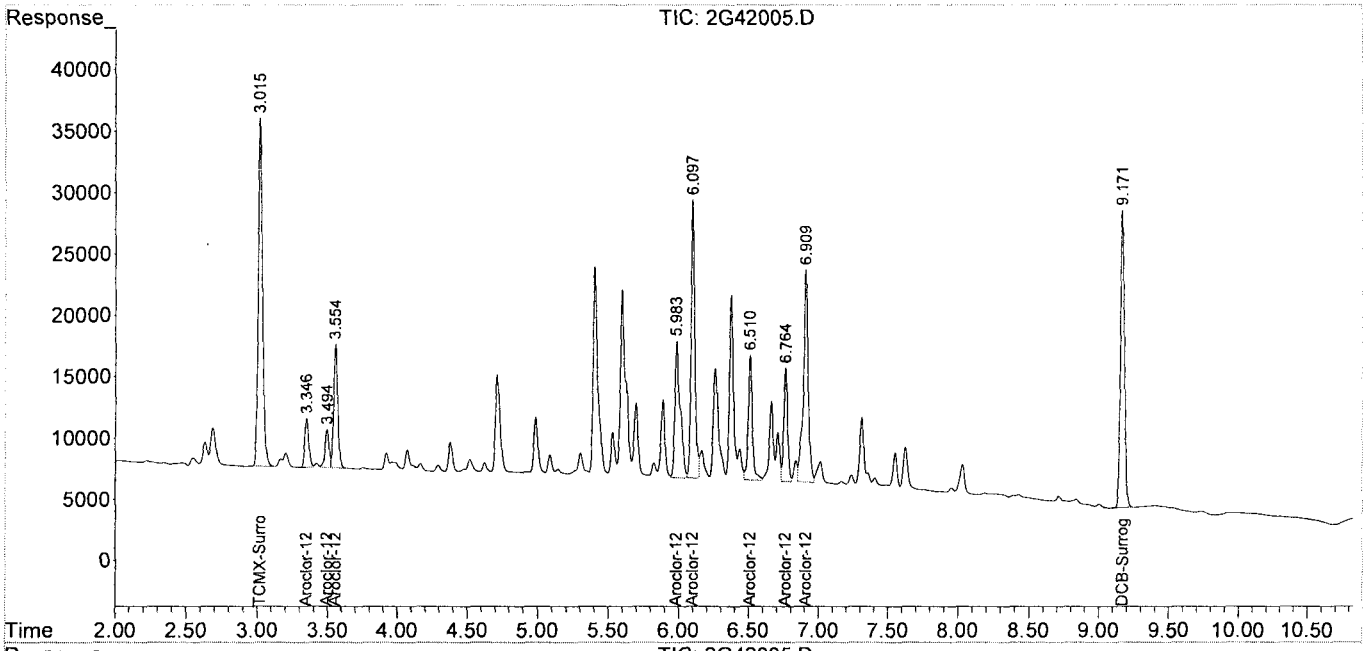
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

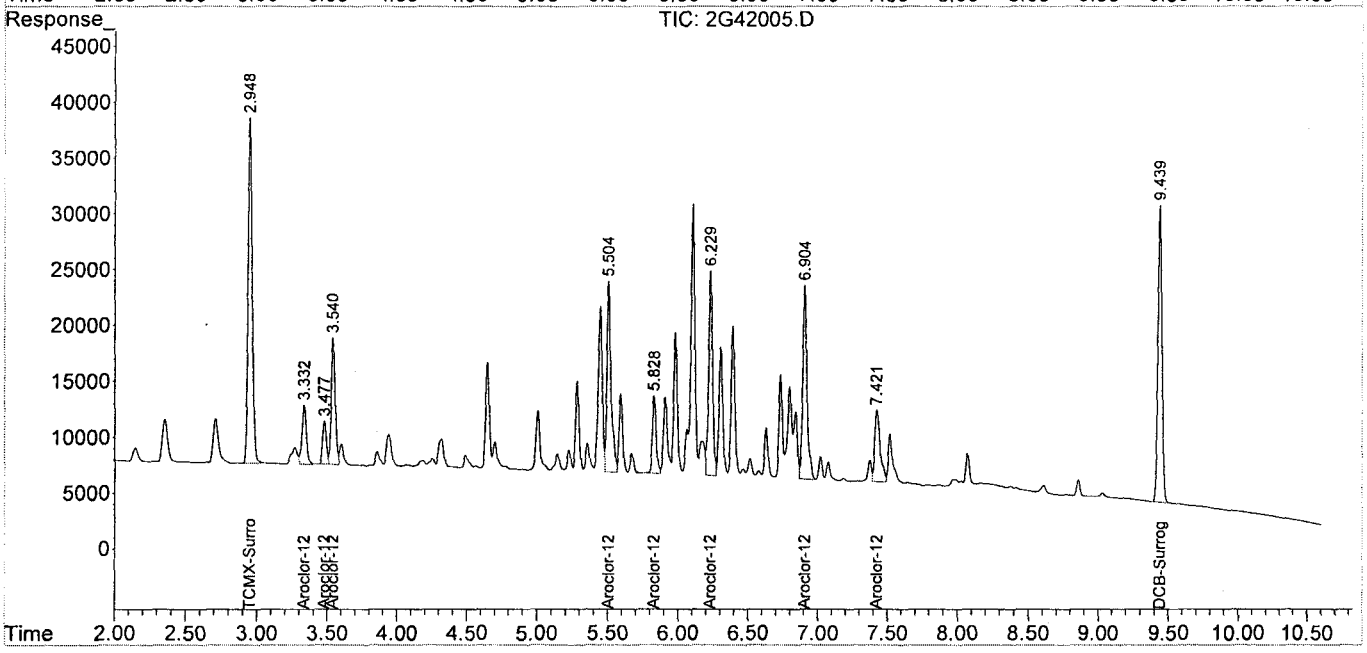
Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42005.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 2:45
Operator : JP
Sample : CAL 2154@500PPB
Misc : S,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 09:18:17 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:17:32 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42006.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 2:58
Operator : JP
Sample : CAL 1262@500PPB
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 09:21:16 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:20:41 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.011	2.943	581880	639745	50.034	42.716
35)Aroclor-1262 {1}	6.941	6.940	391845	450833	491.670m	503.105
36)Aroclor-1262 {2}	7.957	7.968	246296	349192	514.586	474.829
37)Aroclor-1262 {3}	8.021	8.070	490660	316642	500.716	496.193
38)Aroclor-1262 {4}	8.715	8.609	233854	376667	499.415	493.122
39)Aroclor-1262 {5}	9.006	9.033	73769	95511	491.721	487.483
45)DCB-Surrogate	9.171	9.439	498329	573091	49.157	45.692

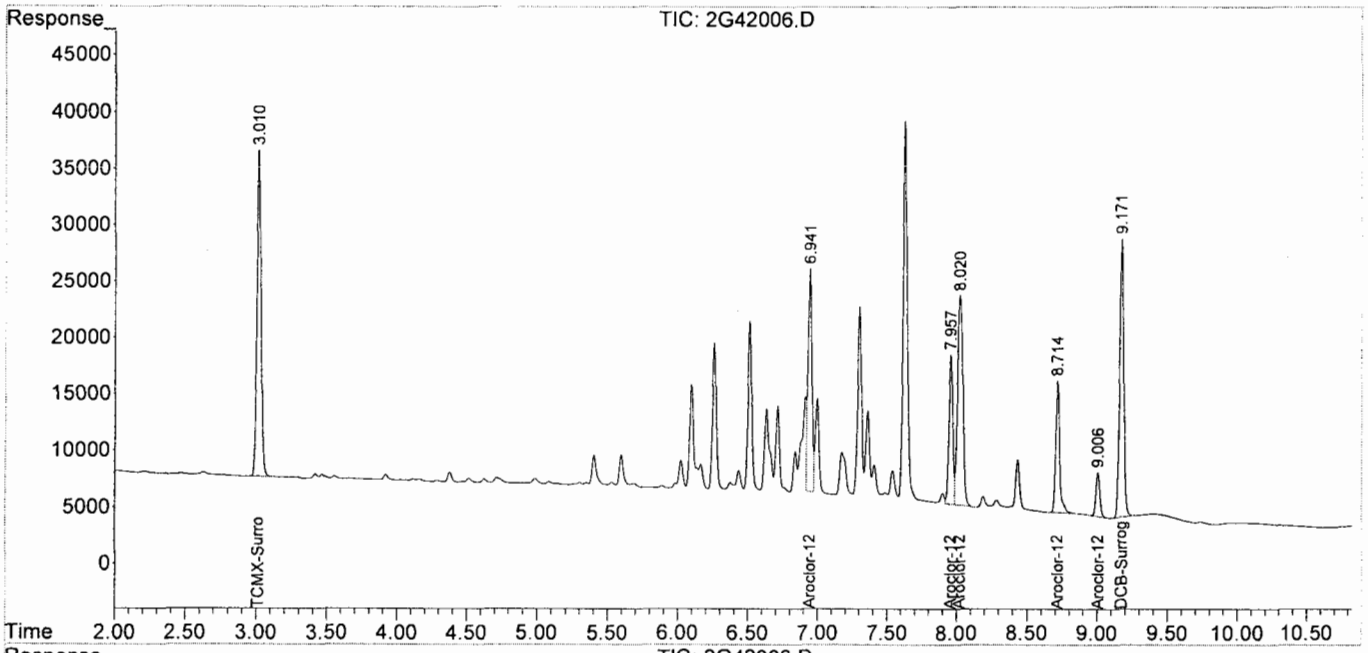
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

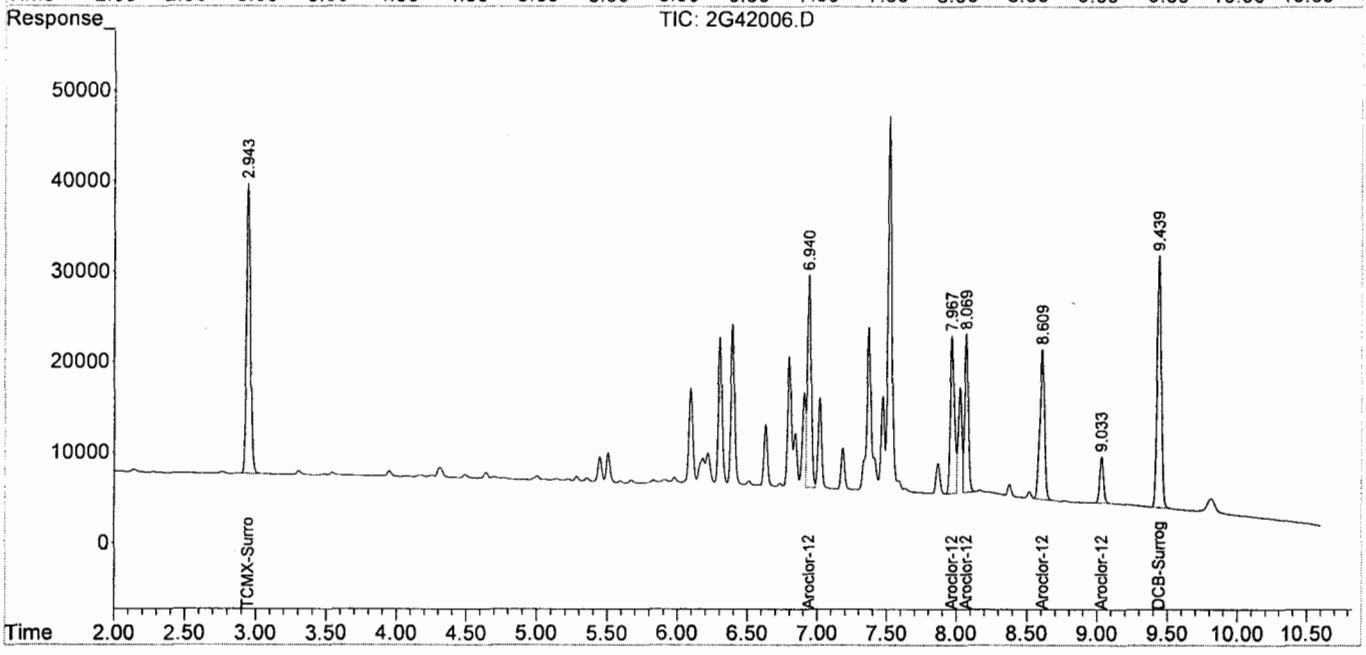
Quantitation Report (QT Reviewed)

Data Path : G:\GCDATA\2009\GC_2\DATA\02-11-09\
Data File : 2G42006.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2009 2:58
Operator : JP
Sample : CAL 1262@500PPB
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 11 09:21:16 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:20:41 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form 6
Initial Calibration

Method: EPA 608

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G20441.	CAL 1660@50PPB	02/12/09 09:26	2	5G20442.	CAL 1660@200PPB	02/12/09 09:44
3	5G20436.	CAL 1660@500PPB	02/12/09 07:54	4	5G20440.	CAL 1660@1000PPB	02/12/09 09:08
5	5G20439.	CAL 1660@2000PPB	02/12/09 08:50	6	5G20443.	CAL 1660@4000PPB	02/12/09 10:07
7	5G20444.	CAL 3268@500PPB	02/12/09 10:25	8	5G20445.	CAL 1242@500PPB	02/12/09 10:43
9	5G20446.	CAL 1248@500PPB	02/12/09 11:02	10	5G20447.	CAL 2154@500PPB	02/12/09 11:20
11	5G20448.	CAL 1262@500PPB	02/12/09 11:38				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	3724.5	3606.1	3477.3	3482.6	3352.7	3463.5	----	----	3520	6.10	1.00	1.00	3.7	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	1	1	Qua	68.783	70.216	62.167	58.632	53.923	52.626	----	----	61.1	6.92	0.999	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	2	Qua	149.76	142.11	110.92	122.85	113.95	112.49	----	----	125	7.43	0.999	1.00	13	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	3	Avg	320.68	294.82	279.34	275.70	261.98	266.67	----	----	283	8.03	1.00	1.00	7.6	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	4	Qua	136.70	112.58	107.27	101.74	95.802	96.515	----	----	108	8.19	1.00	1.00	14	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	5	Qua	105.06	91.500	80.214	86.019	81.628	83.279	----	----	88.0	8.32	1.00	1.00	11	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	1	Avg	180.42	163.91	152.13	154.35	146.99	153.09	----	----	158	10.11	0.999	1.00	7.6	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	2	Avg	233.65	214.60	203.20	205.81	197.62	206.27	----	----	210	10.38	0.999	1.00	6.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	3	Avg	95.783	87.289	77.532	82.646	78.244	82.416	----	----	84.0	10.87	0.999	1.00	8.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	4	Avg	154.40	148.04	140.07	143.70	139.37	147.30	----	----	145	11.16	0.999	1.00	3.9	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	5	LinF	246.29	243.54	241.40	244.78	240.98	256.07	----	----	246	11.87	0.999	1.00	2.3	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	1	1	Avg	----	----	----	----	----	----	----	----	37.1	6.62	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	2	Avg	----	----	----	----	----	----	----	----	29.5	6.83	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	3	Avg	----	----	----	----	----	----	----	----	92.1	6.92	-1	-1	Lvl=10	500.0							
Aroclor-1232	1	1	Avg	----	----	----	----	----	----	----	----	68.7	6.92	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	2	Avg	----	----	----	----	----	----	----	----	57.8	7.43	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	3	Avg	----	----	----	----	----	----	----	----	134	8.03	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	4	Avg	----	----	----	----	----	----	----	----	50.9	8.19	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	5	Avg	----	----	----	----	----	----	----	----	34.5	8.43	-1	-1	Lvl=7	500.0							
Aroclor-1242	1	1	Avg	----	----	----	----	----	----	----	----	52.0	6.92	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	2	Avg	----	----	----	----	----	----	----	----	100	7.43	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	3	Avg	----	----	----	----	----	----	----	----	231	8.03	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	4	Avg	----	----	----	----	----	----	----	----	53.0	8.43	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	5	Avg	----	----	----	----	----	----	----	----	101	8.74	-1	-1	Lvl=8	500.0							
Aroclor-1248	1	1	Avg	----	----	----	----	----	----	----	----	50.6	7.43	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	2	Avg	----	----	----	----	----	----	----	----	145	8.03	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	3	Avg	----	----	----	----	----	----	----	----	92.7	8.43	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	4	Avg	----	----	----	----	----	----	----	----	154	8.74	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	5	Avg	----	----	----	----	----	----	----	----	126	8.85	-1	-1	Lvl=9	500.0							
Aroclor-1254	1	1	Avg	----	----	----	----	----	----	----	----	233	9.95	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	2	Avg	----	----	----	----	----	----	----	----	114	10.12	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	3	Avg	----	----	----	----	----	----	----	----	121	10.38	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	4	Avg	----	----	----	----	----	----	----	----	98.0	10.63	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	5	Avg	----	----	----	----	----	----	----	----	195	10.77	-1	-1	Lvl=10	500.0							
Aroclor-1262	1	1	Avg	----	----	----	----	----	----	----	----	173	10.38	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	2	Avg	----	----	----	----	----	----	----	----	181	11.80	-1	-1	Lvl=11	500.0							

Avg Rsd Col 1: 7.76 Avg Rsd Col 2: 10.3

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Form 6
Initial Calibration

Method: EPA 608

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G20441.	CAL 1660@50PPB	02/12/09 09:26	2	5G20442.	CAL 1660@200PPB	02/12/09 09:44
3	5G20436.	CAL 1660@500PPB	02/12/09 07:54	4	5G20440.	CAL 1660@1000PPB	02/12/09 09:08
5	5G20439.	CAL 1660@2000PPB	02/12/09 08:50	6	5G20443.	CAL 1660@4000PPB	02/12/09 10:07
7	5G20444.	CAL 3268@500PPB	02/12/09 10:25	8	5G20445.	CAL 1242@500PPB	02/12/09 10:43
9	5G20446.	CAL 1248@500PPB	02/12/09 11:02	10	5G20447.	CAL 2154@500PPB	02/12/09 11:20
11	5G20448.	CAL 1262@500PPB	02/12/09 11:38				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1262	1	3	Avg	----	----	----	----	----	----	----	----	330	11.87	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	4	Avg	----	----	----	----	----	----	----	----	156	12.53	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	5	Avg	----	----	----	----	----	----	----	----	52.6	12.84	-1	-1	Lvl=11	500.0							
Aroclor-1268	1	1	Avg	----	----	----	----	----	----	----	----	128	11.07	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	2	Avg	----	----	----	----	----	----	----	----	41.8	11.16	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	3	Avg	----	----	----	----	----	----	----	----	58.9	11.48	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	4	Avg	----	----	----	----	----	----	----	----	433	12.04	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	5	Avg	----	----	----	----	----	----	----	----	101	12.13	-1	-1	Lvl=7	500.0							
DCB-Surrogate	1	0	Avg	3266.6	3023.5	2994.6	2968.3	2994.9	3172.5	----	----	3070	13.04	0.999	1.00	3.9	5.00	20.00	50.00	100.0	200.0	400.0		
TCMX-Surrogate	2	0	Avg	2498.5	2242.6	2228.2	2177.9	2223.7	2231.0	----	----	2270	6.13	1.00	1.00	5.1	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	2	1	Qua	44.101	45.748	34.125	37.857	34.034	33.673	----	----	38.3	7.08	0.999	0.999	14	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	2	Qua	114.96	98.595	88.909	86.101	79.617	78.455	----	----	91.1	7.65	1.00	1.00	15	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	3	Qua	168.90	144.02	119.64	119.00	109.10	109.69	----	----	128	8.13	1.00	1.00	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	4	Avg	59.241	55.065	51.975	50.745	48.403	48.931	----	----	52.4	8.34	1.00	1.00	7.9	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	5	Avg	95.470	84.104	79.592	79.372	74.832	76.989	----	----	81.7	8.52	1.00	1.00	9.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	1	LinF	144.72	123.22	118.16	115.51	109.60	112.38	----	----	121	10.34	1.00	1.00	11	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	2	Avg	154.77	131.08	126.91	123.86	117.55	120.43	----	----	129	10.43	1.00	1.00	10	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	3	Avg	96.158	84.860	78.501	77.265	74.316	77.352	----	----	81.4	11.41	0.999	1.00	9.9	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	4	Avg	126.88	109.87	106.62	103.83	98.770	104.64	----	----	108	12.10	0.999	1.00	9.0	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	5	Avg	79.293	74.286	67.160	67.636	65.299	69.002	----	----	70.4	12.63	0.999	1.00	7.5	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	2	1	Avg	----	----	----	----	----	----	----	----	27.6	6.78	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	2	Avg	----	----	----	----	----	----	----	----	17.8	6.99	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	3	Avg	----	----	----	----	----	----	----	----	54.2	7.08	-1	-1	Lvl=10	500.0							
Aroclor-1232	2	1	Avg	----	----	----	----	----	----	----	----	38.8	7.08	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	2	Avg	----	----	----	----	----	----	----	----	48.1	7.65	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	3	Avg	----	----	----	----	----	----	----	----	61.6	8.14	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	4	Avg	----	----	----	----	----	----	----	----	24.4	8.34	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	5	Avg	----	----	----	----	----	----	----	----	40.7	8.53	-1	-1	Lvl=7	500.0							
Aroclor-1242	2	1	Avg	----	----	----	----	----	----	----	----	33.0	7.09	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	2	Avg	----	----	----	----	----	----	----	----	75.2	7.65	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	3	Avg	----	----	----	----	----	----	----	----	106	8.14	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	4	Avg	----	----	----	----	----	----	----	----	65.2	8.53	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	5	Avg	----	----	----	----	----	----	----	----	54.3	8.94	-1	-1	Lvl=8	500.0							
Aroclor-1248	2	1	Avg	----	----	----	----	----	----	----	----	36.7	7.65	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	2	Avg	----	----	----	----	----	----	----	----	36.2	8.12	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	3	Avg	----	----	----	----	----	----	----	----	74.1	8.53	-1	-1	Lvl=9	500.0							

Avg Rsd Col 1: 7.76 Avg Rsd Col 2: 10.3

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G20441.	CAL 1660@50PPB	02/12/09 09:26	2	5G20442.	CAL 1660@200PPB	02/12/09 09:44
3	5G20436.	CAL 1660@500PPB	02/12/09 07:54	4	5G20440.	CAL 1660@1000PPB	02/12/09 09:08
5	5G20439.	CAL 1660@2000PPB	02/12/09 08:50	6	5G20443.	CAL 1660@4000PPB	02/12/09 10:07
7	5G20444.	CAL 3268@500PPB	02/12/09 10:25	8	5G20445.	CAL 1242@500PPB	02/12/09 10:43
9	5G20446.	CAL 1248@500PPB	02/12/09 11:02	10	5G20447.	CAL 2154@500PPB	02/12/09 11:20
11	5G20448.	CAL 1262@500PPB	02/12/09 11:38				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1248	2	4	Avg	----	----	----	----	----	----	----	----	78.2	8.94	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	5	Avg	----	----	----	----	----	----	----	----	97.9	9.35	-1	-1	Lvl=9	500.0							
Aroclor-1254	2	1	Avg	----	----	----	----	----	----	----	----	95.3	9.50	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	2	Avg	----	----	----	----	----	----	----	----	41.2	9.93	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	3	Avg	----	----	----	----	----	----	----	----	72.0	10.34	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	4	Avg	----	----	----	----	----	----	----	----	57.6	10.79	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	5	Avg	----	----	----	----	----	----	----	----	37.0	11.47	-1	-1	Lvl=10	500.0							
Aroclor-1262	2	1	Avg	----	----	----	----	----	----	----	----	82.6	10.85	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	2	Avg	----	----	----	----	----	----	----	----	100	12.00	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	3	Avg	----	----	----	----	----	----	----	----	113	12.10	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	4	Avg	----	----	----	----	----	----	----	----	133	12.63	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	5	Avg	----	----	----	----	----	----	----	----	34.5	13.11	-1	-1	Lvl=11	500.0							
Aroclor-1268	2	1	Avg	----	----	----	----	----	----	----	----	67.6	11.38	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	2	Avg	----	----	----	----	----	----	----	----	21.7	11.51	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	3	Avg	----	----	----	----	----	----	----	----	36.9	11.56	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	4	Avg	----	----	----	----	----	----	----	----	242	12.40	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	5	Avg	----	----	----	----	----	----	----	----	60.9	12.54	-1	-1	Lvl=7	500.0							
DCB-Surrogate	2	0	Avg	2190.3	1980.5	1869.7	1877.1	1835.1	1925.4	----	----	1950	13.58	0.999	1.00	6.7	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 7.76 Avg Rsd Col 2: 10.3

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

0841

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20441.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:26
Operator : JP
Sample : CAL 1660@50PPB
Misc : S,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:47:08 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	186.2E6	124.9E6	5.557m	5.595m
2)Aroclor-1016 {1}	6.922	7.089	34391874	22050834	60.179m	59.376m
3)Aroclor-1016 {2}	7.431	7.649	74881751	57481328	63.564m	66.583m
4)Aroclor-1016 {3}	8.030	8.142	160.3E6	84452880	59.856m	71.648m
5)Aroclor-1016 {4}	8.189	8.347	68354117	29620739	70.609	62.770m
6)Aroclor-1016 {5}	8.318	8.528	52534238	47735088	63.957	59.509
7)Aroclor-1260 {1}	10.117	10.343	90210797	72363375	63.125	65.984m
8)Aroclor-1260 {2}	10.379	10.436	116.8E6	77386533	60.438	70.630m
9)Aroclor-1260 {3}	10.867	11.418	47891614	48079098	64.695	70.081m
10)Aroclor-1260 {4}	11.162	12.101	77202685	63443648	60.305m	65.746m
11)Aroclor-1260 {5}	11.869	12.632	123.1E6	39646802	55.444m	63.721m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20441.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:26
Operator : JP
Sample : CAL 1660@50PPB
Misc : S,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:47:08 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

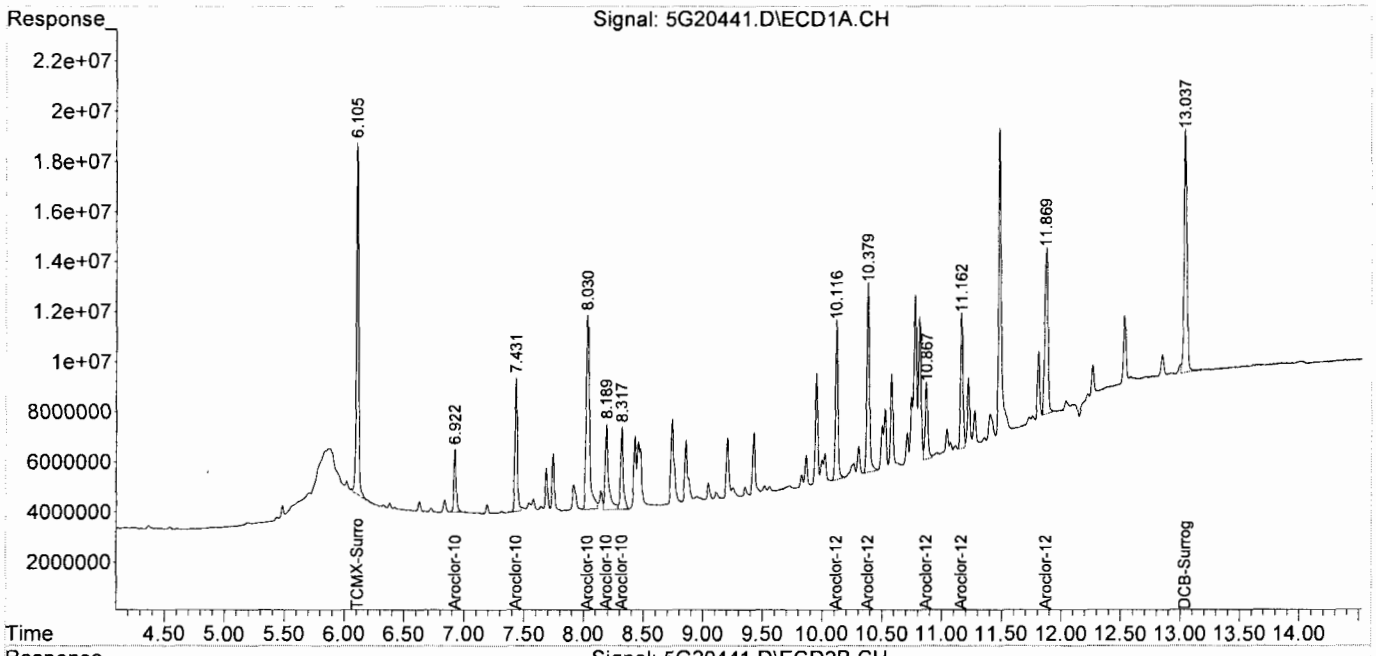
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.037	13.578	163.3E6	109.5E6	6.024m	6.359m

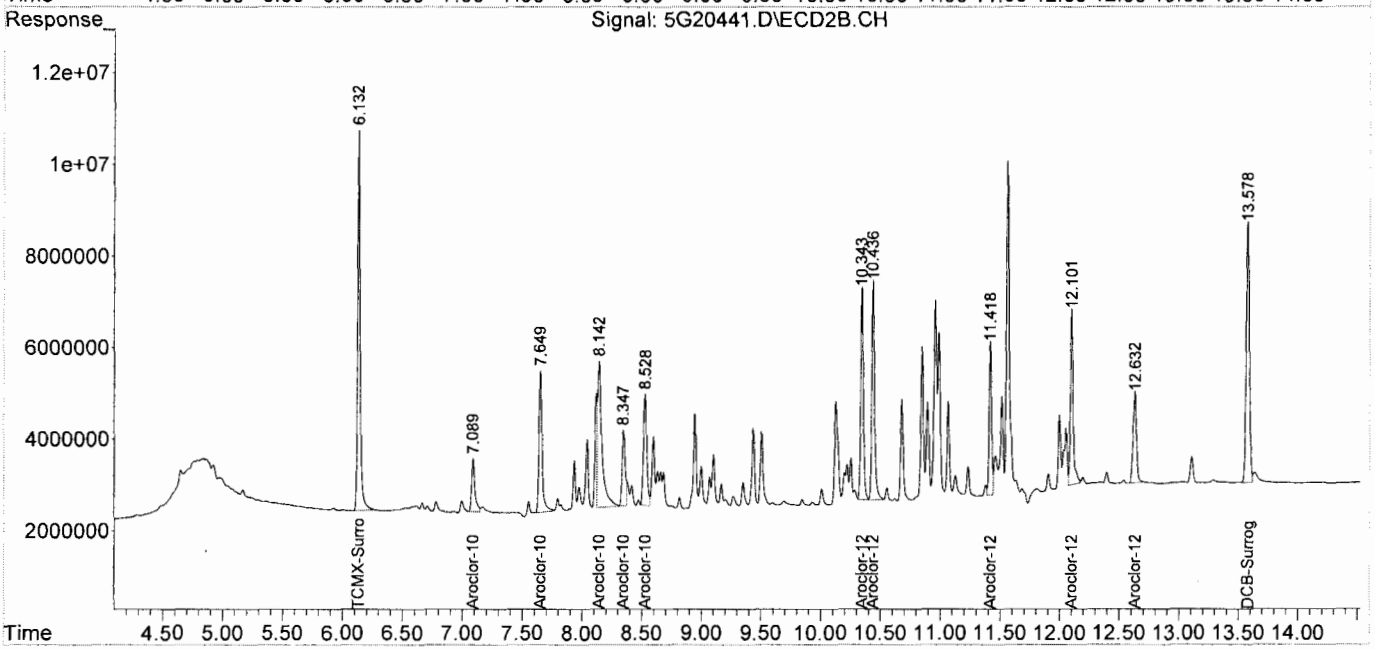
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20441.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:26
Operator : JP
Sample : CAL 1660@50PPB
Misc : S,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:47:08 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20442.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:44
Operator : JP
Sample : CAL 1660@200PPB
Misc : S,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:01:17 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	721.2E6	448.5E6	21.522m	20.089m
2)Aroclor-1016 {1}	6.922	7.087	140.4E6	91497266	247.602	248.302
3)Aroclor-1016 {2}	7.432	7.650	284.2E6	197.2E6	242.587	229.914
4)Aroclor-1016 {3}	8.029	8.139	589.6E6	288.1E6	220.117	246.029m
5)Aroclor-1016 {4}	8.188	8.345	225.2E6	110.1E6	233.597	233.382m
6)Aroclor-1016 {5}	8.318	8.527	183.0E6	168.2E6	222.792	210.617m
7)Aroclor-1260 {1}	10.116	10.342	327.8E6	246.5E6	229.406	225.423m
8)Aroclor-1260 {2}	10.377	10.434	429.2E6	262.2E6	222.038	239.278m
9)Aroclor-1260 {3}	10.867	11.417	174.6E6	169.7E6	235.834	247.388
10)Aroclor-1260 {4}	11.162	12.101	296.1E6	219.7E6	231.285	227.716m
11)Aroclor-1260 {5}	11.870	12.632	487.1E6	148.6E6	219.293m	238.787m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20442.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:44
Operator : JP
Sample : CAL 1660@200PPB
Misc : S,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:01:17 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

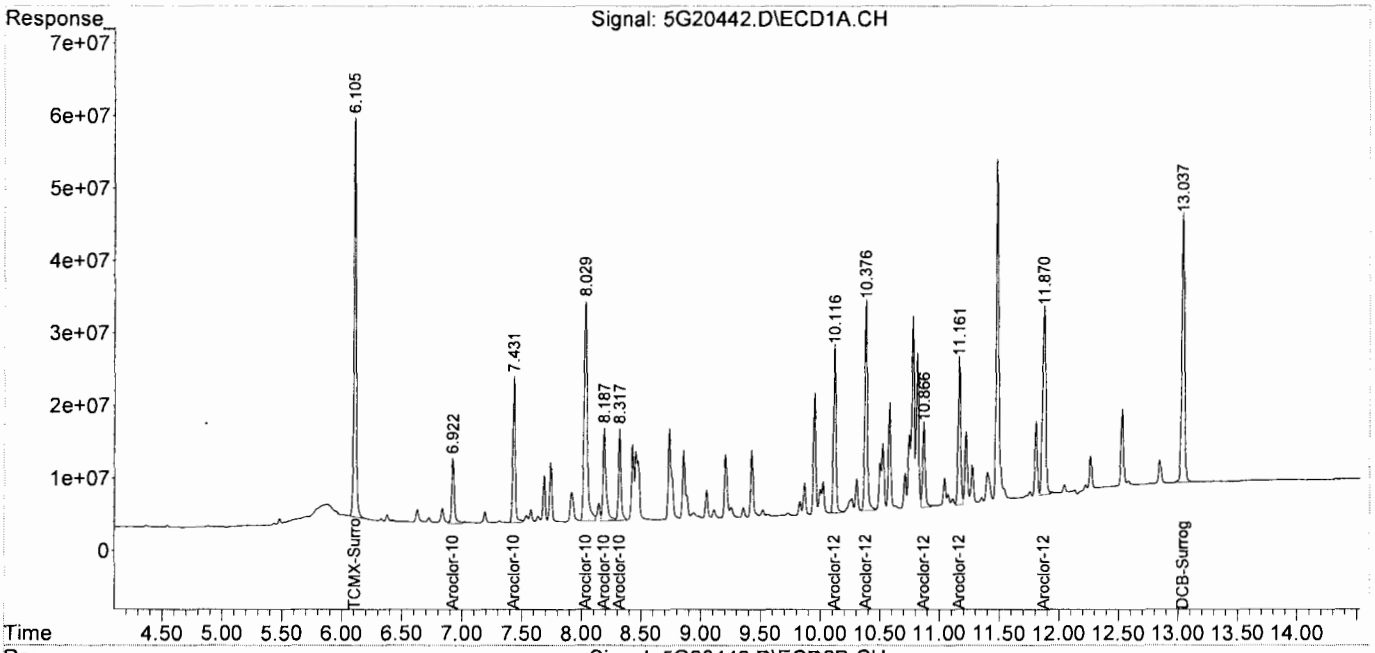
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.037	13.579	604.7E6	396.1E6	22.304m	22.999m

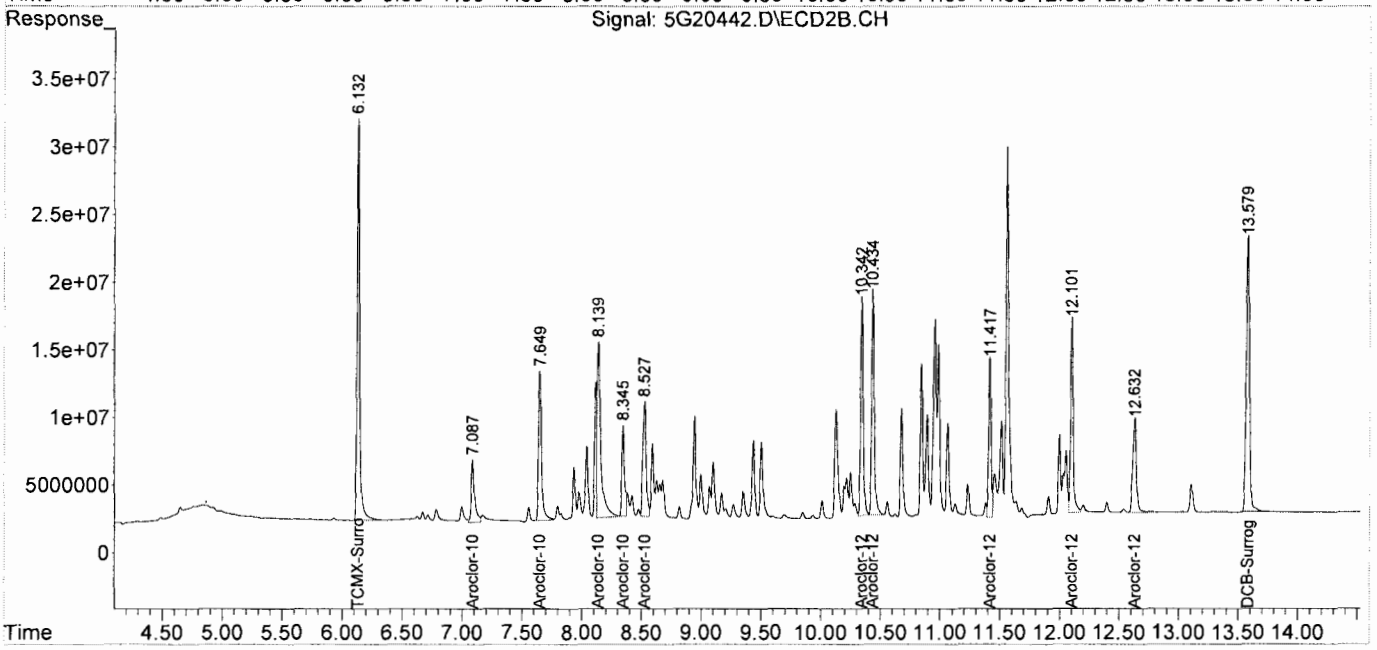
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20442.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:44
Operator : JP
Sample : CAL 1660@200PPB
Misc : S,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:01:17 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20436.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 7:54
Operator : JP
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 08:25:14 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Tue Feb 03 08:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.130	1738.7E6	1114.1E6	51.883m	49.901m
2)Aroclor-1016 {1}	6.922	7.081	310.8E6	170.6E6	554.972	467.281
3)Aroclor-1016 {2}	7.431	7.647	554.6E6	444.5E6	476.784	524.544
4)Aroclor-1016 {3}	8.028	8.134	1396.7E6	598.2E6	521.407	516.338
5)Aroclor-1016 {4}	8.187	8.339	536.4E6	259.9E6	561.219	550.715m
6)Aroclor-1016 {5}	8.317	8.524	401.1E6	398.0E6	488.284	502.549m
7)Aroclor-1260 {1}	10.114	10.340	760.7E6	590.8E6	532.276m	543.740
8)Aroclor-1260 {2}	10.376	10.431	1016.0E6	634.6E6	525.607m	579.166
9)Aroclor-1260 {3}	10.866	11.415	387.7E6	392.5E6	523.680m	572.124
10)Aroclor-1260 {4}	11.161	12.098	700.4E6	533.1E6	547.076m	552.484m
11)Aroclor-1260 {5}	11.869	12.630	1207.0E6	335.8E6	543.429m	539.710m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20436.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 7:54
Operator : JP
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 08:25:14 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Tue Feb 03 08:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

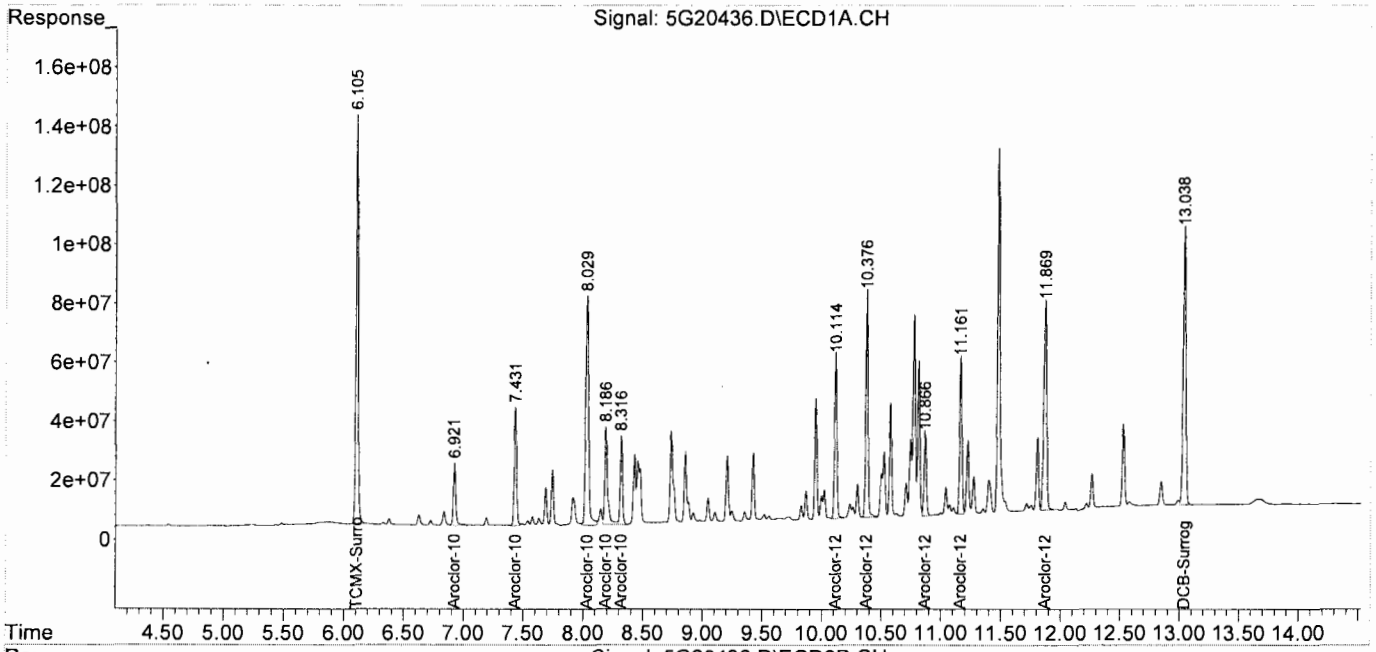
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.038	13.576	1497.3E6	934.9E6	55.228m	54.281m

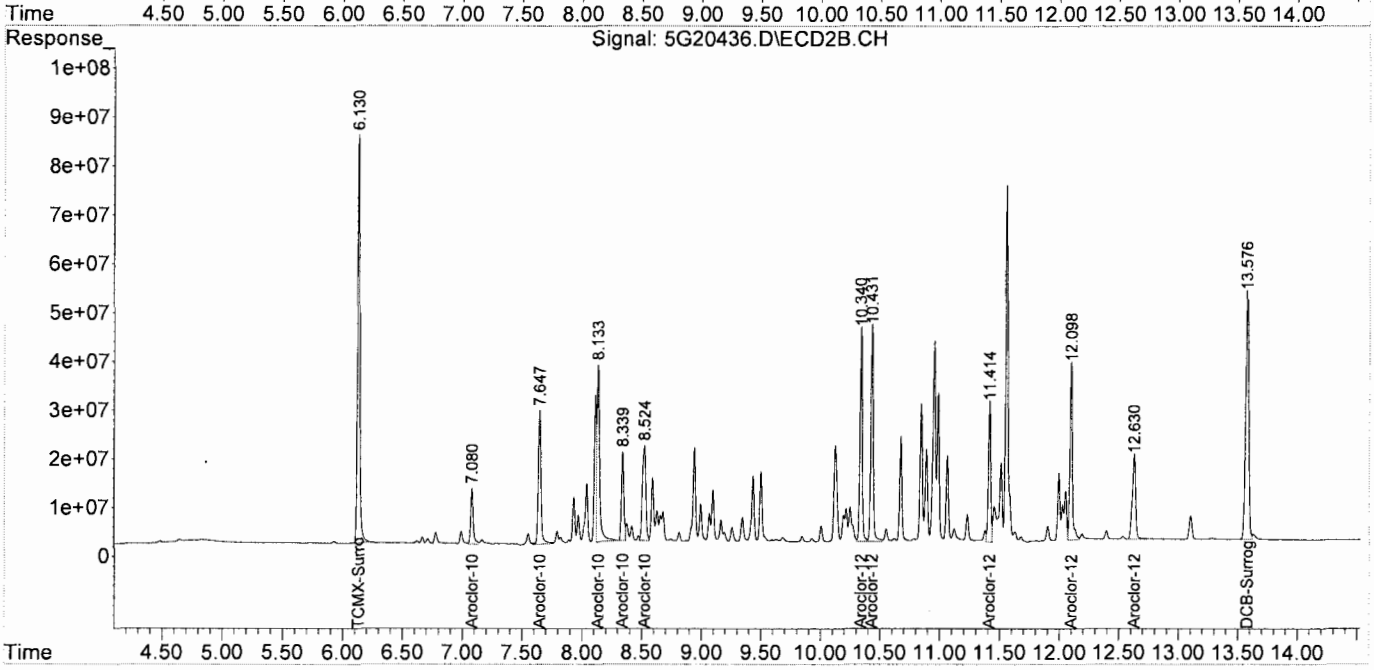
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20436.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 7:54
Operator : JP
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 08:25:14 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Tue Feb 03 08:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20440.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:08
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:44:18 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.104	6.131	3482.6E6	2178.0E6	103.924m	97.548m
2)Aroclor-1016 {1}	6.921	7.083	586.3E6	378.6E6	1069.440	1063.248
3)Aroclor-1016 {2}	7.431	7.648	1228.5E6	861.0E6	1075.873	1037.645
4)Aroclor-1016 {3}	8.028	8.135	2757.1E6	1190.1E6	1029.234	1048.967
5)Aroclor-1016 {4}	8.186	8.341	1017.4E6	507.5E6	1079.352	1075.364m
6)Aroclor-1016 {5}	8.316	8.525	860.2E6	793.7E6	1047.236	1017.647m
7)Aroclor-1260 {1}	10.114	10.341	1543.5E6	1155.2E6	1080.070	1074.231
8)Aroclor-1260 {2}	10.376	10.432	2058.1E6	1238.7E6	1064.721	1130.541
9)Aroclor-1260 {3}	10.865	11.416	826.5E6	772.7E6	1116.451	1126.225
10)Aroclor-1260 {4}	11.161	12.099	1437.1E6	1038.4E6	1122.535	1076.059m
11)Aroclor-1260 {5}	11.869	12.630	2447.9E6	676.4E6	1102.078m	1087.060m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20440.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:08
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:44:18 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.037	13.577	2968.3E6	1877.2E6	109.484m	108.998m

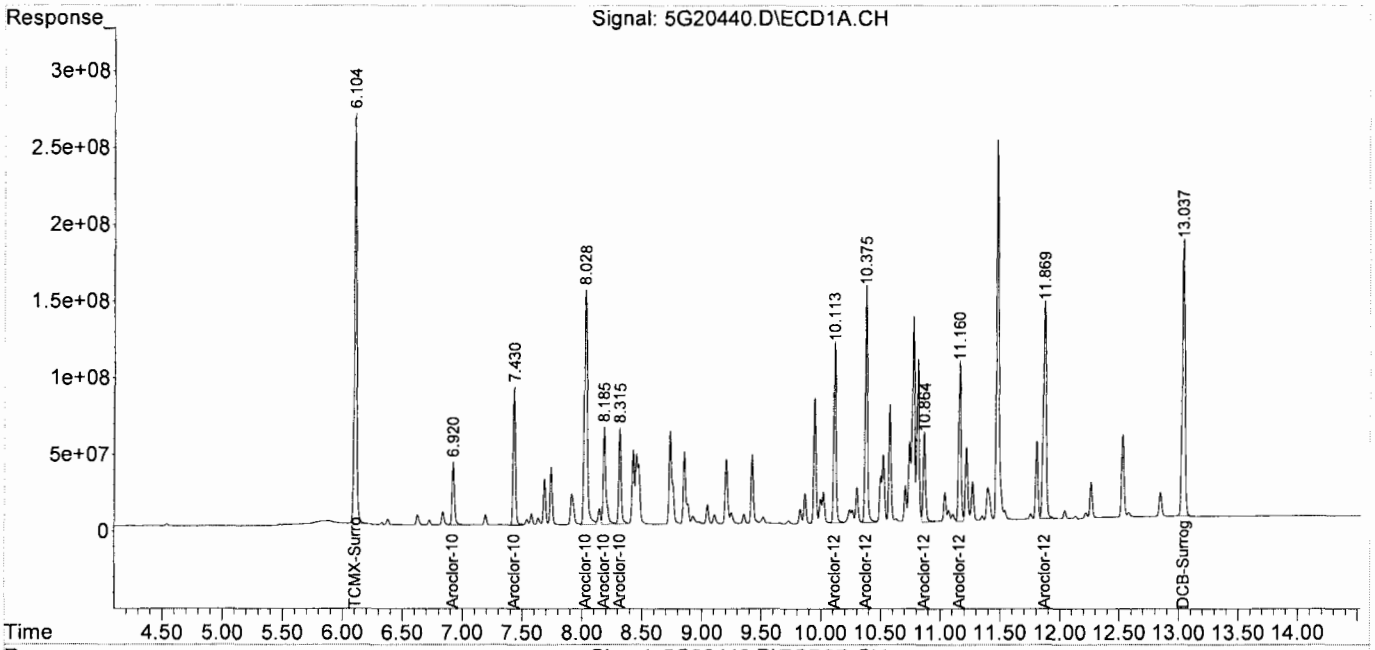
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

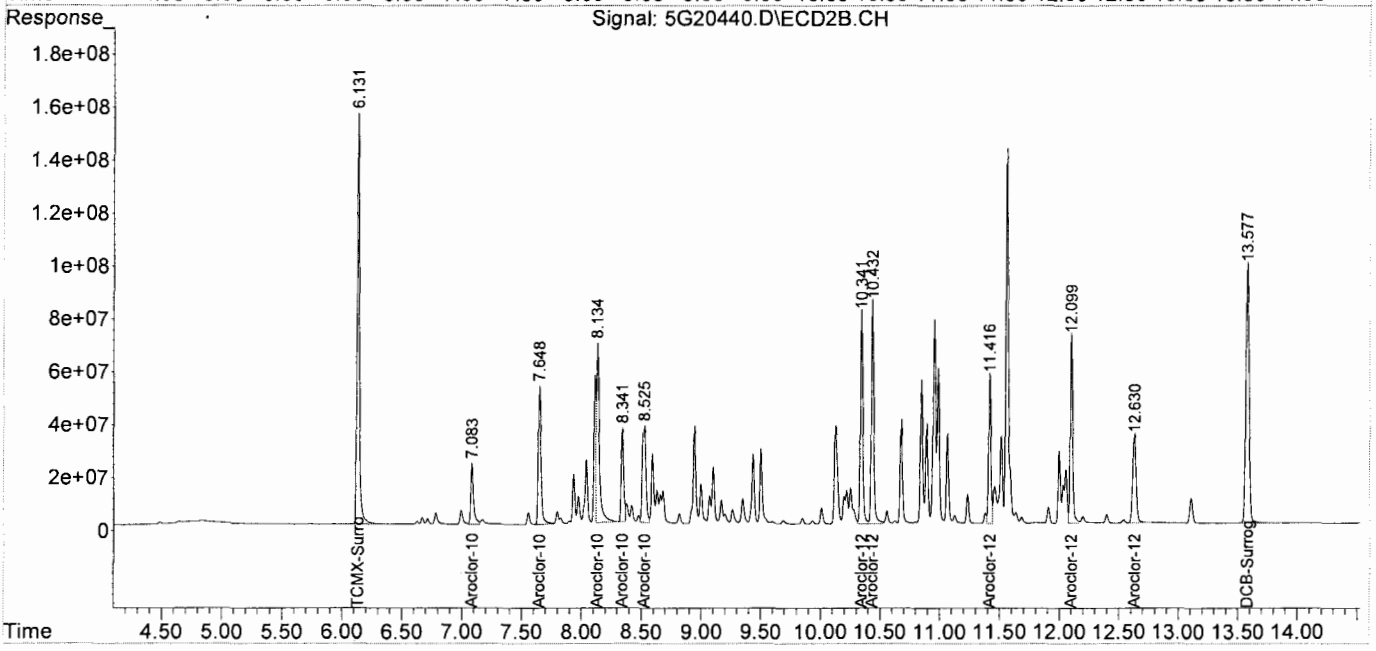
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20440.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:08
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:44:18 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20439.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 8:50
Operator : JP
Sample : CAL 1660@2000PPB
Misc : S,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:11:00 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.104	6.130	6705.5E6	4447.5E6	200.095m	199.199
2)Aroclor-1016 {1}	6.921	7.081	1078.5E6	680.7E6	2051.739	1990.959
3)Aroclor-1016 {2}	7.430	7.647	2279.0E6	1592.4E6	2059.119	1998.968
4)Aroclor-1016 {3}	8.026	8.133	5239.7E6	2182.0E6	1956.003	1998.960
5)Aroclor-1016 {4}	8.186	8.340	1916.1E6	968.1E6	2089.134	2051.459m
6)Aroclor-1016 {5}	8.315	8.523	1632.6E6	1496.7E6	1987.551	1975.027m
7)Aroclor-1260 {1}	10.114	10.340	2939.9E6	2192.1E6	2057.206	2079.603
8)Aroclor-1260 {2}	10.374	10.432	3952.6E6	2351.0E6	2044.772	2145.761
9)Aroclor-1260 {3}	10.865	11.417	1564.9E6	1486.3E6	2113.964	2166.482
10)Aroclor-1260 {4}	11.161	12.100	2787.5E6	1975.4E6	2177.389	2047.084m
11)Aroclor-1260 {5}	11.868	12.631	4819.7E6	1306.0E6	2169.903m	2098.998m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20439.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 8:50
Operator : JP
Sample : CAL 1660@2000PPB
Misc : S,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:11:00 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.037	13.577	5990.0E6	3670.3E6	220.936	213.114

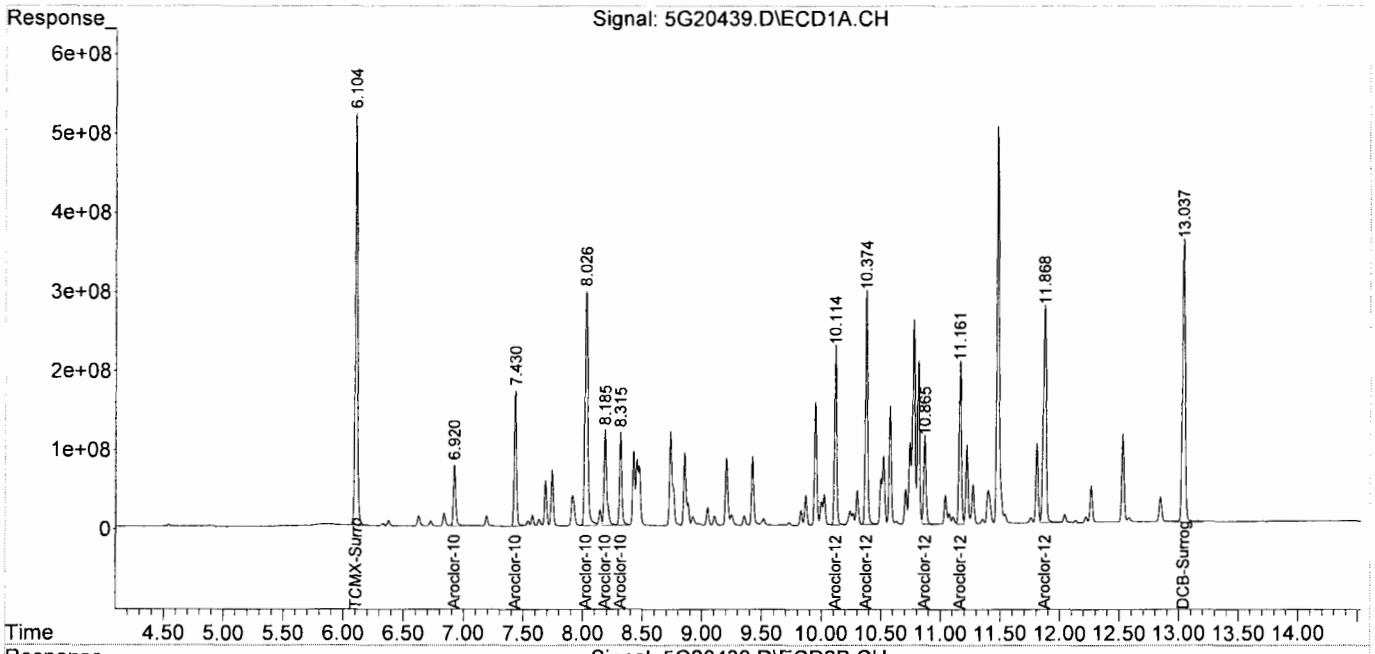
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

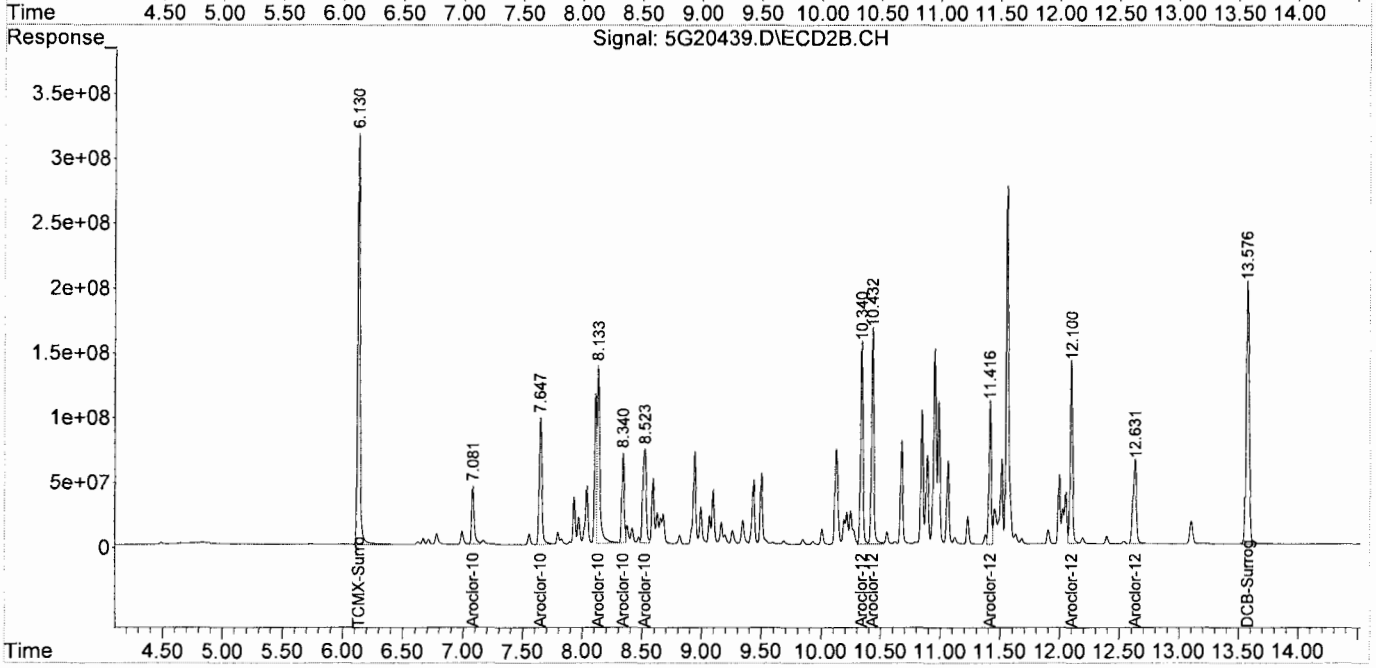
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20439.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 8:50
Operator : JP
Sample : CAL 1660@2000PPB
Misc : S,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:11:00 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20443.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:07
Operator : JP
Sample : CAL 1660@4000PPB
Misc : S,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:23:29 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.107	6.129	13854.2E6	8924.3E6	413.417m	399.708m
2)Aroclor-1016 {1}	6.923	7.080	2105.1E6	1346.9E6	4481.823	4418.393
3)Aroclor-1016 {2}	7.434	7.647	4499.9E6	3138.2E6	4397.381	4396.427
4)Aroclor-1016 {3}	8.030	8.132	10667.1E6	4387.6E6	3982.061	4479.727
5)Aroclor-1016 {4}	8.189	8.339	3860.6E6	1957.3E6	4509.491	4147.704m
6)Aroclor-1016 {5}	8.318	8.522	3331.2E6	3079.6E6	4055.528	4387.320m
7)Aroclor-1260 {1}	10.117	10.341	6123.8E6	4495.3E6	4285.157	4480.598
8)Aroclor-1260 {2}	10.377	10.433	8251.2E6	4817.3E6	4268.548	4396.724
9)Aroclor-1260 {3}	10.868	11.417	3296.6E6	3094.1E6	4453.328	4510.020
10)Aroclor-1260 {4}	11.163	12.099	5892.3E6	4185.7E6	4602.638	4337.617m
11)Aroclor-1260 {5}	11.870	12.630	10242.8E6	2760.1E6	4611.483m	4436.055m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20443.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:07
Operator : JP
Sample : CAL 1660@4000PPB
Misc : S,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:23:29 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

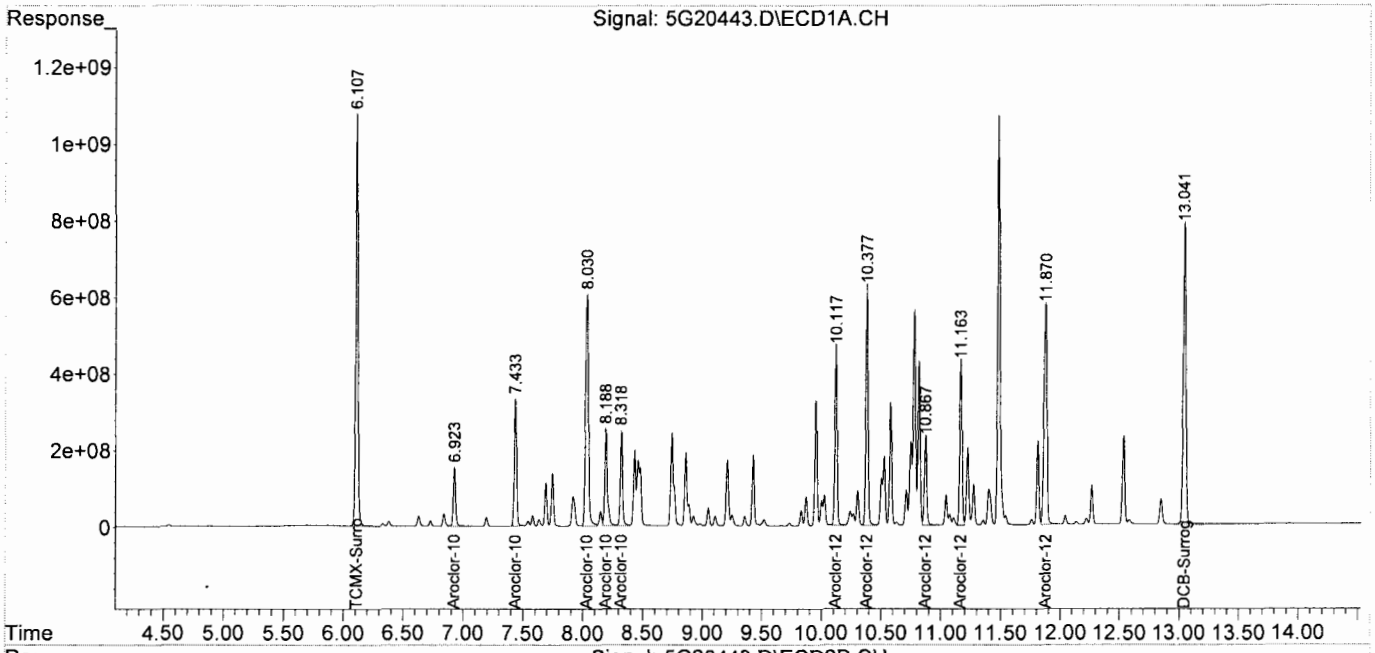
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.041	13.578	12690.1E6	7701.8E6	468.062	447.200

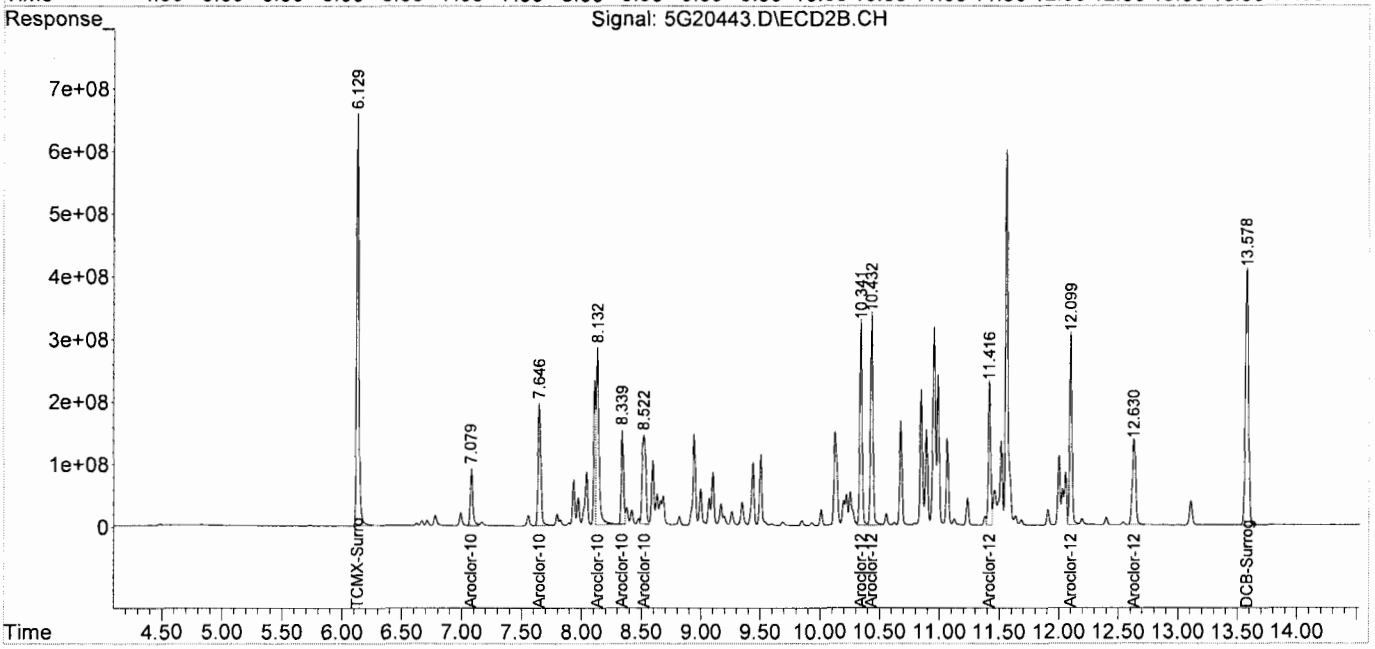
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20443.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:07
Operator : JP
Sample : CAL 1660@4000PPB
Misc : S,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:23:29 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20444.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:25
Operator : JP
Sample : CAL 3268@500PPB
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:45:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 10:42:42 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.104	6.131	1901.7E6	1160.2E6	56.748m	51.966m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	6.922	7.085	343.7E6	194.1E6	554.911	503.167
16)Aroclor-1232 {2}	7.432	7.649	288.9E6	240.6E6	524.537	517.351
17)Aroclor-1232 {3}	8.029	8.138	667.9E6	307.9E6	528.074	344.472m#
18)Aroclor-1232 {4}	8.188	8.344	254.6E6	122.0E6	533.868	501.756m
19)Aroclor-1232 {5}	8.427	8.526	172.6E6	203.4E6	521.220	495.509m
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	11.070	11.379	641.0E6	338.0E6	542.486m	536.271m
41)Aroclor-1268 {2}	11.160	11.509	209.1E6	108.4E6	546.992m	529.822m
42)Aroclor-1268 {3}	11.478	11.560	294.3E6	184.6E6	566.840m	567.778m

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20444.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:25
Operator : JP
Sample : CAL 3268@500PPB
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:45:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 10:42:42 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	12.038	12.396	2163.2E6	1211.8E6	537.965m	544.199m
44)Aroclor-1268 {5}	12.132	12.537	503.1E6	304.6E6	541.744m	552.310m
45)DCB-Surrogate	13.037	13.577	2731.6E6	1734.4E6	100.754m	100.708m

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

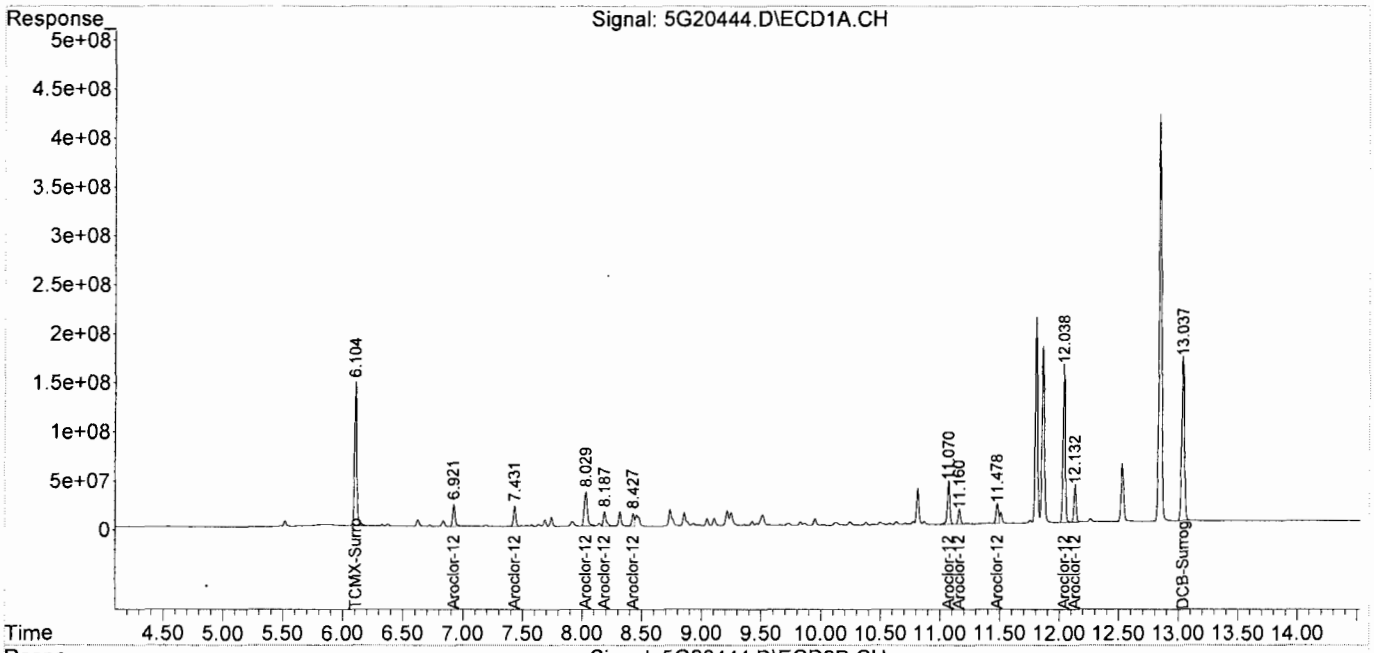
MS

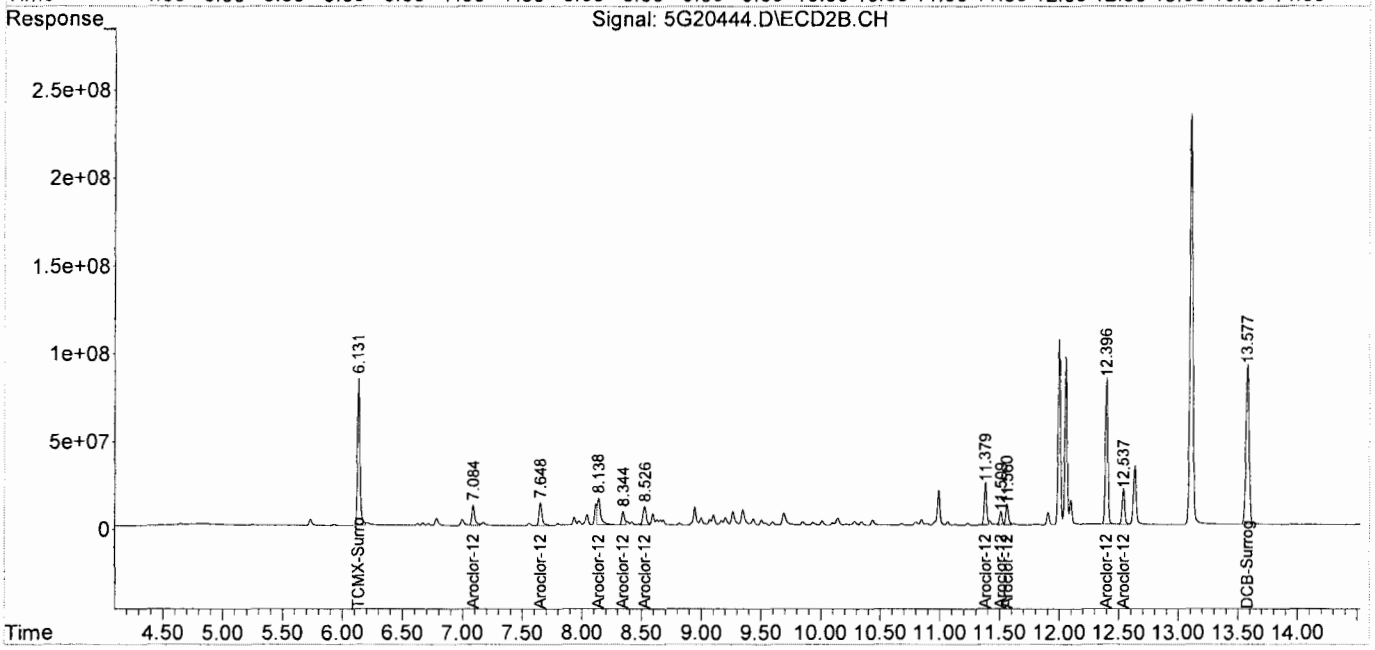
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20444.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:25
Operator : JP
Sample : CAL 3268@500PPB
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:45:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 10:42:42 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20445.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:43
Operator : JP
Sample : CAL 1242@500PPB
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:15:32 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:14:03 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.131	1840.4E6	1194.3E6	54.920m	53.489m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	6.921	7.086	260.2E6	164.8E6	503.204m	499.476m
21)Aroclor-1242 {2}	7.431	7.649	502.4E6	375.8E6	520.022m	511.623
22)Aroclor-1242 {3}	8.029	8.139	1155.9E6	527.7E6	520.392	519.928
23)Aroclor-1242 {4}	8.427	8.526	264.9E6	326.1E6	524.140m	487.151m
24)Aroclor-1242 {5}	8.736	8.944	504.6E6	271.3E6	534.011	488.553
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20445.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:43
Operator : JP
Sample : CAL 1242@500PPB
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:15:32 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:14:03 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.038	13.576	1528.5E6	979.1E6	56.376m	56.853m

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

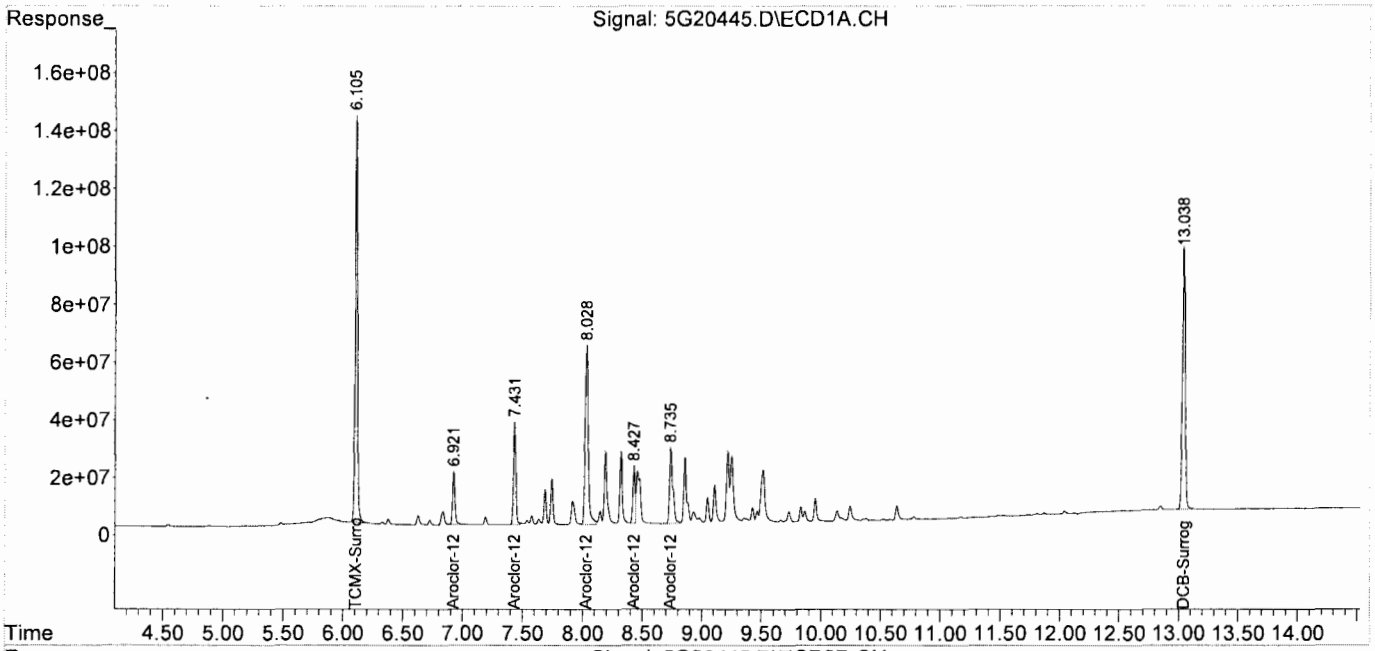
MB

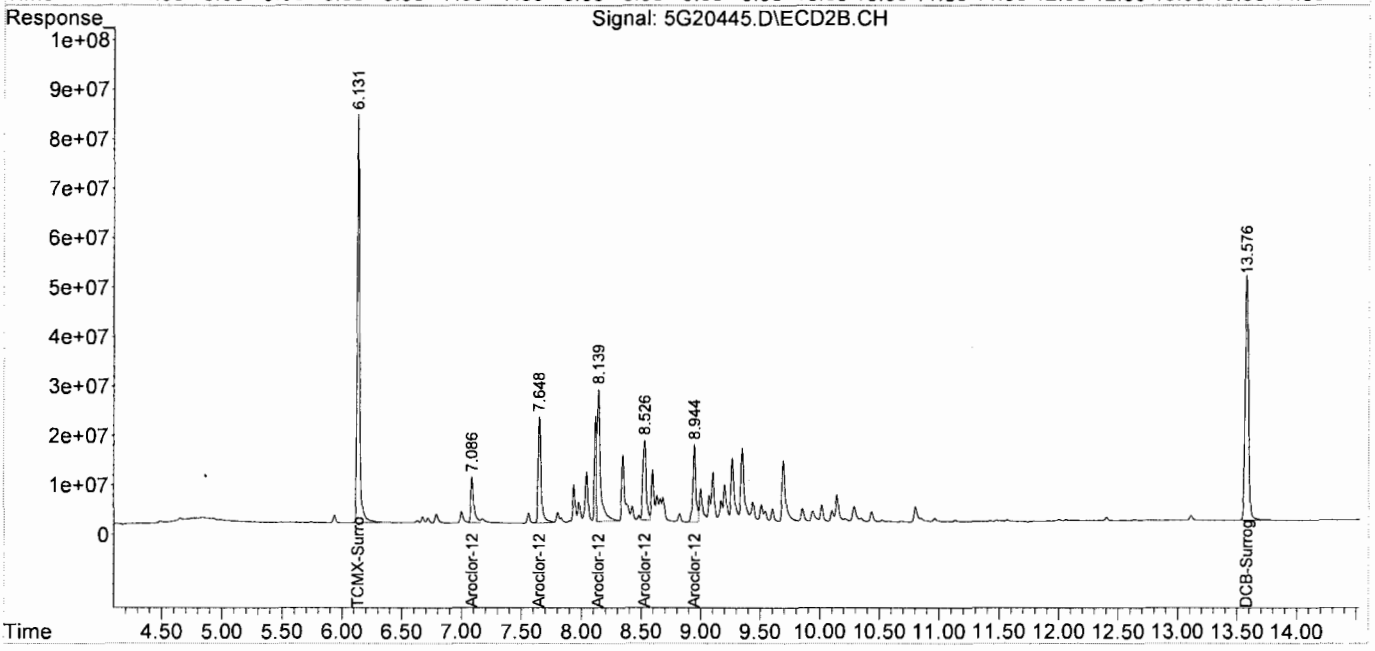
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20445.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:43
Operator : JP
Sample : CAL 1242@500PPB
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:15:32 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:14:03 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20446.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:02
Operator : JP
Sample : CAL 1248@500PPB
Misc : S,PCB
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:30:57 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:29:58 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.104	6.132	1816.2E6	1162.9E6	54.195m	52.085m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	7.431	7.649	253.2E6	183.5E6	525.595m	514.178
26)Aroclor-1248 {2}	8.028	8.117	723.6E6	181.1E6	523.701	470.238
27)Aroclor-1248 {3}	8.428	8.529	463.4E6	370.5E6	517.578	497.424m
28)Aroclor-1248 {4}	8.736	8.944	771.8E6	391.1E6	530.331	506.662
29)Aroclor-1248 {5}	8.854	9.345	628.4E6	489.6E6	536.175	509.547
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20446.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:02
Operator : JP
Sample : CAL 1248@500PPB
Misc : S,PCB
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:30:57 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:29:58 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.038	13.578	1510.1E6	968.8E6	55.700m	56.251m

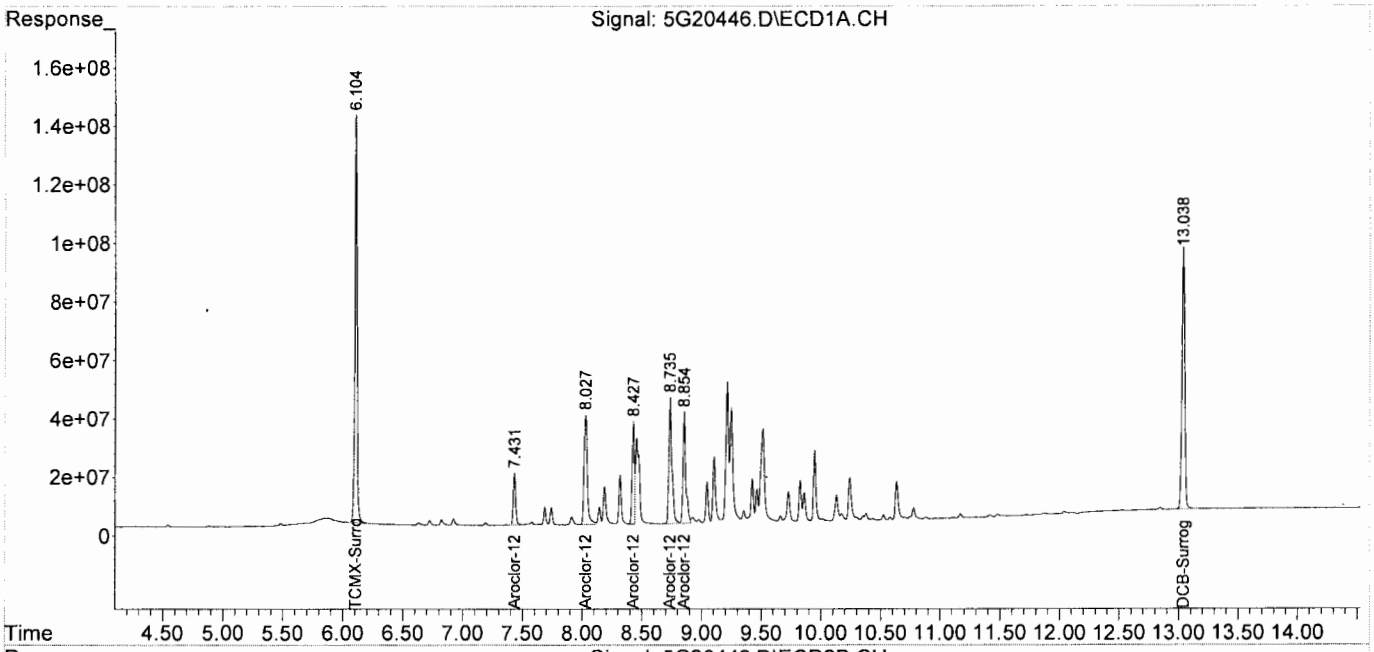
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

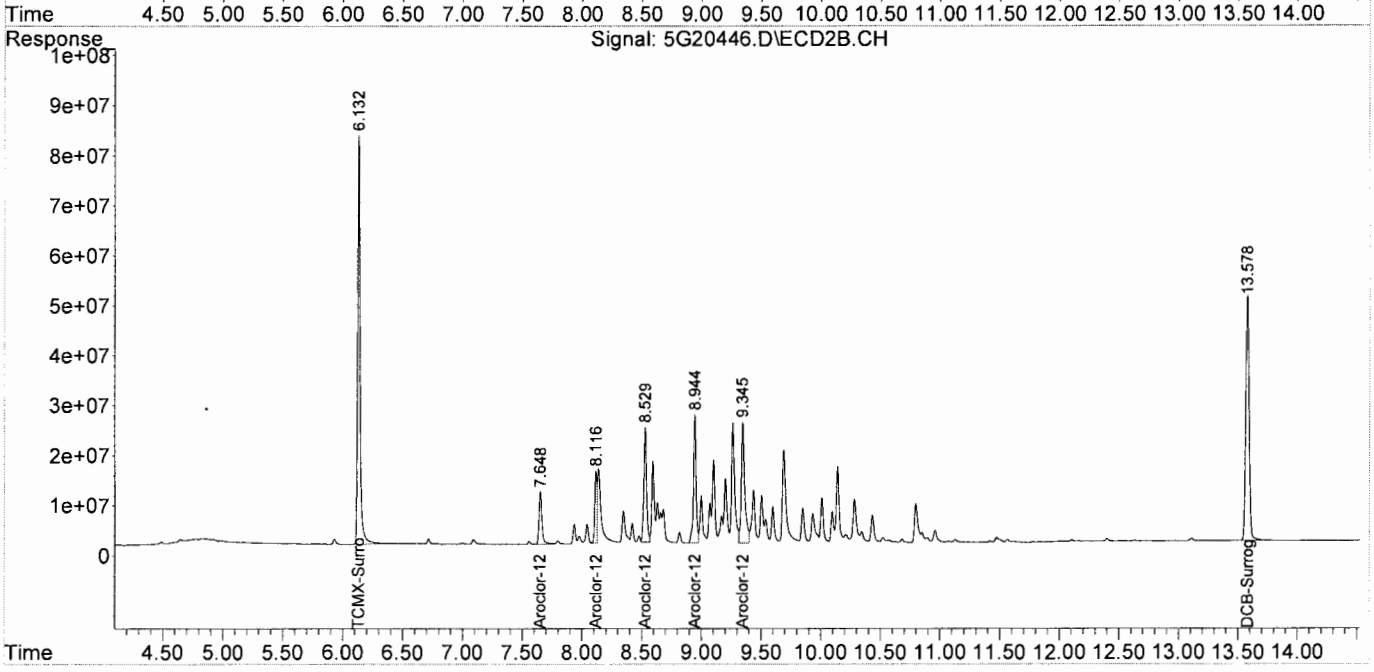
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20446.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:02
Operator : JP
Sample : CAL 1248@500PPB
Misc : S,PCB
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:30:57 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:29:58 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20447.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:20
Operator : JP
Sample : CAL 2154@500PPB
Misc : S,PCB
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:42:03 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.104	6.132	1854.2E6	1135.0E6	55.329m	50.836
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	6.622	6.780	185.4E6	138.1E6	511.924m	497.284m
13)Aroclor-1221 {2}	6.834	6.994	147.7E6	89116477	501.863m	493.770
14)Aroclor-1221 {3}	6.921	7.084	460.5E6	271.0E6	512.695m	497.341
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	9.947	9.501	1167.3E6	476.3E6	527.656	494.157m
31)Aroclor-1254 {2}	10.117	9.932	569.4E6	206.0E6	537.108	490.421m
32)Aroclor-1254 {3}	10.377	10.342	607.1E6	360.0E6	535.568	503.829m
33)Aroclor-1254 {4}	10.629	10.791	489.9E6	288.2E6	526.257	594.739m
34)Aroclor-1254 {5}	10.774	11.469	976.5E6	185.0E6	520.350m	498.052m
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20447.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:20
Operator : JP
Sample : CAL 2154@500PPB
Misc : S,PCB
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:42:03 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

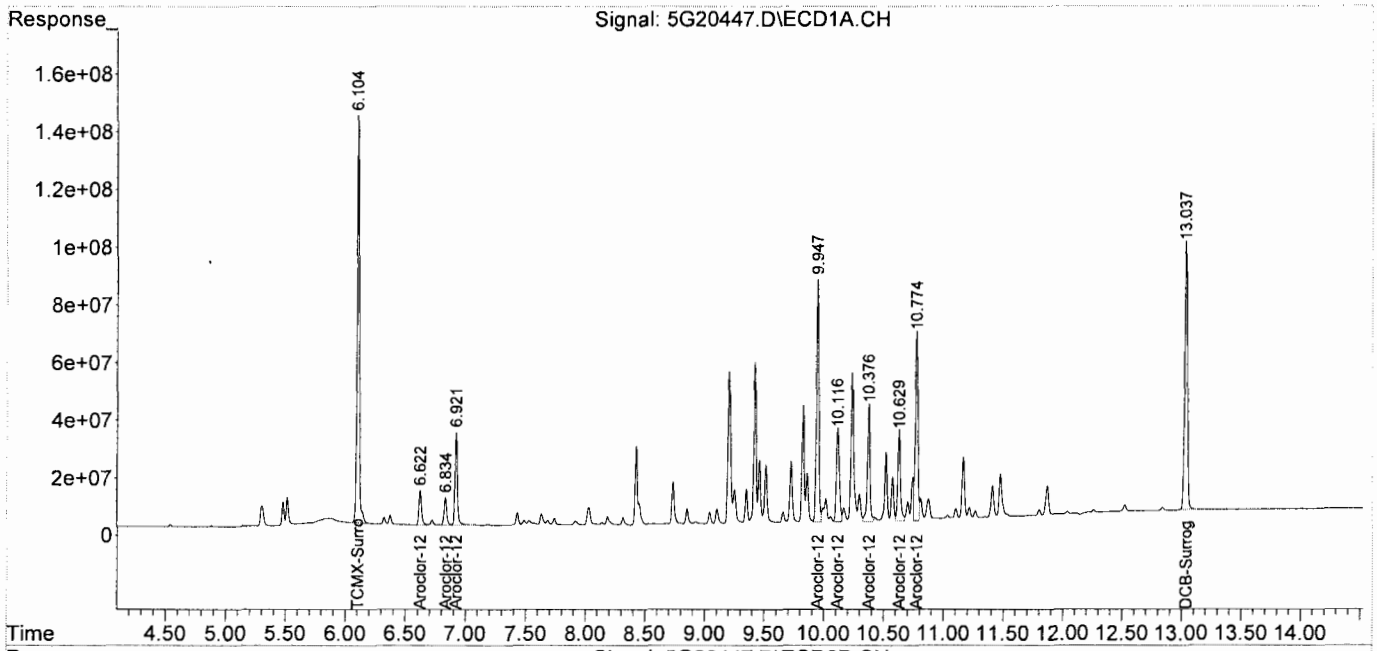
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.037	13.577	1514.0E6	980.2E6	55.843m	56.917m

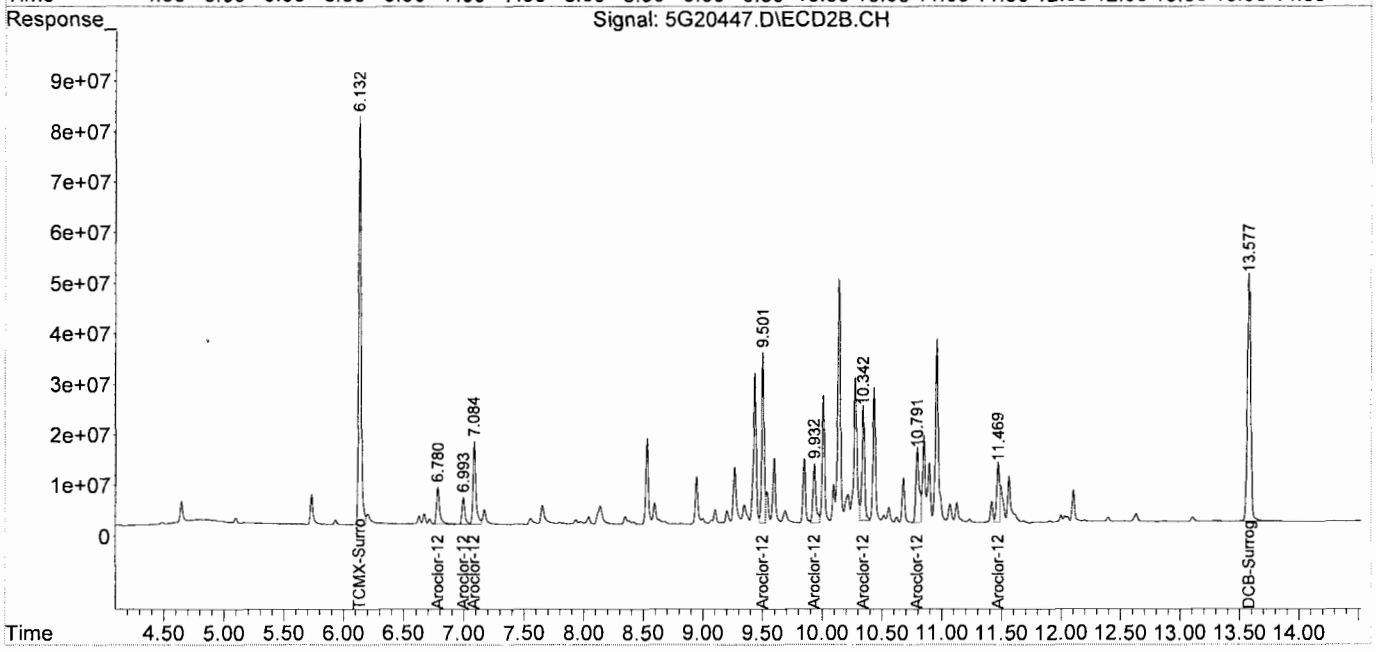
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20447.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:20
Operator : JP
Sample : CAL 2154@500PPB
Misc : S,PCB
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:42:03 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20448.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:38
Operator : JP
Sample : CAL 1262@500PPB
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 12:09:48 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:07:32 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	1881.6E6	1159.5E6	56.149m	51.934m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	10.377	10.846	863.1E6	412.9E6	530.079m	545.595
36)Aroclor-1262 {2}	11.803	11.996	907.5E6	500.8E6	547.380m	536.565m
37)Aroclor-1262 {3}	11.865	12.099	1651.0E6	565.9E6	547.696m	564.289m
38)Aroclor-1262 {4}	12.528	12.631	780.8E6	664.0E6	537.030m	542.936m
39)Aroclor-1262 {5}	12.843	13.107	262.8E6	172.3E6	539.128m	545.918m
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20448.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:38
Operator : JP
Sample : CAL 1262@500PPB
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 12:09:48 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:07:32 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

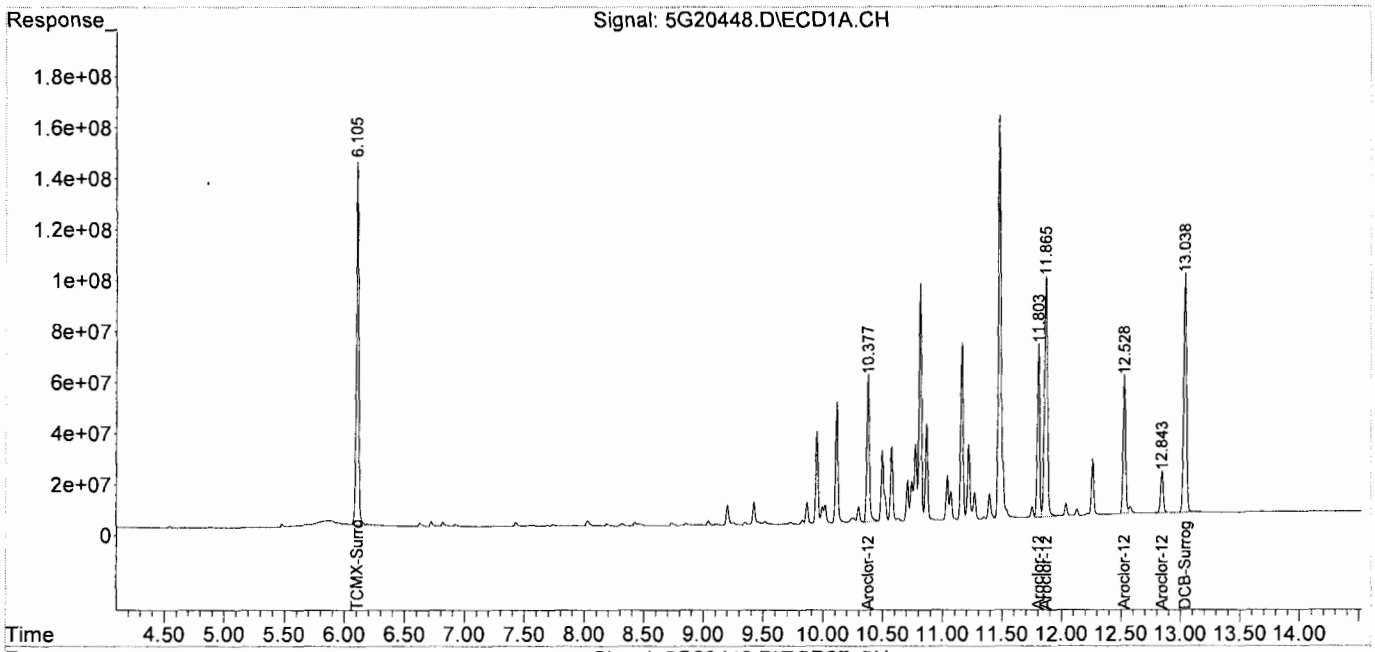
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.038	13.576	1576.1E6	1005.0E6	58.133m	58.357m

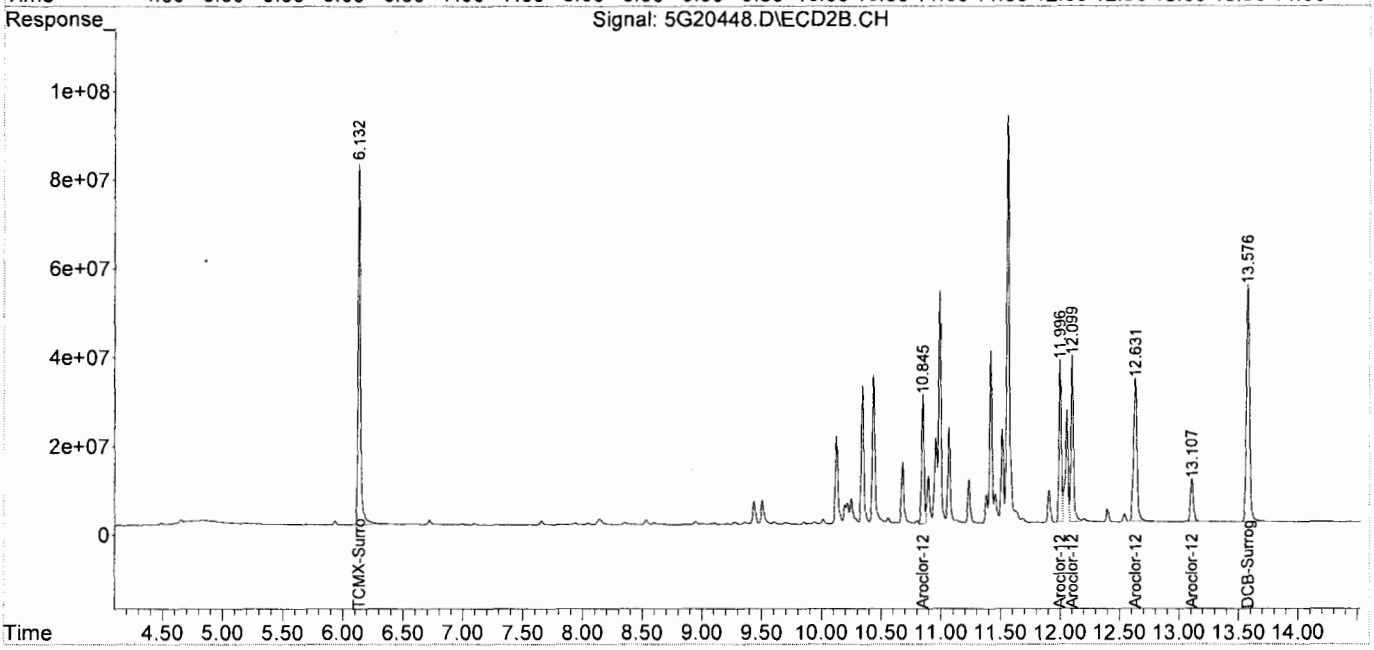
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20448.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:38
Operator : JP
Sample : CAL 1262@500PPB
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 12:09:48 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:07:32 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G44505.	CAL 1660@50PPB	02/17/09 20:14	2	3G44500.	CAL 1660@200PPB	02/17/09 18:55
3	3G44501.	CAL 1660@500PPB	02/17/09 19:11	4	3G44502.	CAL 1660@1000PPB	02/17/09 19:26
5	3G44503.	CAL 1660@2000PPB	02/17/09 19:42	6	3G44504.	CAL 1660@4000PPB	02/17/09 19:58
7	3G44506.	CAL 3268@500PPB	02/17/09 20:29	8	3G44507.	CAL 1242@500PPB	02/17/09 20:45
9	3G44508.	CAL 1248@500PPB	02/17/09 21:00	10	3G44509.	CAL 2154@500PPB	02/17/09 21:16
11	3G44510.	CAL 1262@500PPB	02/17/09 21:32				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Qua	4.7706	4.1778	4.0533	3.7932	3.5945	3.2071	----	----	3.93	4.02	0.996	1.00	14	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	1	1	Qua	0.1184	0.0930	0.0870	0.0767	0.0810	0.0687	----	----	0.0875	4.51	0.993	0.999	20	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	2	Qua	0.1817	0.1849	0.1652	0.1538	0.1369	0.1154	----	----	0.156	4.88	0.989	1.00	17	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	3	Qua	0.3899	0.3860	0.3402	0.3125	0.2824	0.2400	----	----	0.325	5.34	0.991	1.00	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	4	Qua	0.2229	0.2018	0.1763	0.1675	0.1516	0.1276	----	----	0.175	5.48	0.990	1.00	20	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	5	Qua	0.1100	0.1359	0.1215	0.1172	0.1077	0.0929	----	----	0.114	5.59	0.992	1.00	13	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	1	Qua	0.3105	0.2282	0.2081	0.1907	0.1696	0.1459	----	----	0.209	7.21	0.992	1.00	28	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	2	Qua	0.3409	0.2902	0.2616	0.2410	0.2216	0.1904	----	----	0.258	7.46	0.993	1.00	21	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	3	Qua	0.1571	0.1211	0.1275	0.1073	0.1071	0.0993	----	----	0.120	7.95	0.998	1.00	17	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	4	Qua	0.2004	0.1887	0.1788	0.1636	0.1538	0.1372	----	----	0.170	8.25	0.996	1.00	14	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	5	Qua	0.3268	0.3086	0.2907	0.2785	0.2673	0.2412	----	----	0.286	8.97	0.997	1.00	11	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	1	1	Avg	----	----	----	----	----	----	----	----	0.0579	4.31	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	2	Avg	----	----	----	----	----	----	----	----	0.0370	4.45	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	3	Avg	----	----	----	----	----	----	----	----	0.135	4.51	-1	-1	Lvl=10	500.0							
Aroclor-1232	1	1	Avg	----	----	----	----	----	----	----	----	0.0916	4.51	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	2	Avg	----	----	----	----	----	----	----	----	0.0816	4.88	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	3	Avg	----	----	----	----	----	----	----	----	0.176	5.35	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	4	Avg	----	----	----	----	----	----	----	----	0.0925	5.48	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	5	Avg	----	----	----	----	----	----	----	----	0.0912	5.95	-1	-1	Lvl=7	500.0							
Aroclor-1242	1	1	Avg	----	----	----	----	----	----	----	----	0.0813	4.51	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	2	Avg	----	----	----	----	----	----	----	----	0.138	4.88	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	3	Avg	----	----	----	----	----	----	----	----	0.297	5.34	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	4	Avg	----	----	----	----	----	----	----	----	0.208	5.70	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	5	Avg	----	----	----	----	----	----	----	----	0.145	5.94	-1	-1	Lvl=8	500.0							
Aroclor-1248	1	1	Avg	----	----	----	----	----	----	----	----	0.0725	4.88	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	2	Avg	----	----	----	----	----	----	----	----	0.197	5.34	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	3	Avg	----	----	----	----	----	----	----	----	0.334	5.69	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	4	Avg	----	----	----	----	----	----	----	----	0.219	5.94	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	5	Avg	----	----	----	----	----	----	----	----	0.208	6.05	-1	-1	Lvl=9	500.0							
Aroclor-1254	1	1	Avg	----	----	----	----	----	----	----	----	0.367	7.06	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	2	Avg	----	----	----	----	----	----	----	----	0.188	7.22	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	3	Avg	----	----	----	----	----	----	----	----	0.173	7.46	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	4	Avg	----	----	----	----	----	----	----	----	0.134	7.72	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	5	Avg	----	----	----	----	----	----	----	----	0.330	7.86	-1	-1	Lvl=10	500.0							
Aroclor-1262	1	1	Avg	----	----	----	----	----	----	----	----	0.227	7.46	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	2	Avg	----	----	----	----	----	----	----	----	0.212	8.90	-1	-1	Lvl=11	500.0							

Avg Rsd Col 1: 17.3 Avg Rsd Col 2: 19.6

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte >0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Form 6
Initial Calibration

Method: EPA 608

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G44505.	CAL 1660@50PPB	02/17/09 20:14	2	3G44500.	CAL 1660@200PPB	02/17/09 18:55
3	3G44501.	CAL 1660@500PPB	02/17/09 19:11	4	3G44502.	CAL 1660@1000PPB	02/17/09 19:26
5	3G44503.	CAL 1660@2000PPB	02/17/09 19:42	6	3G44504.	CAL 1660@4000PPB	02/17/09 19:58
7	3G44506.	CAL 3268@500PPB	02/17/09 20:29	8	3G44507.	CAL 1242@500PPB	02/17/09 20:45
9	3G44508.	CAL 1248@500PPB	02/17/09 21:00	10	3G44509.	CAL 2154@500PPB	02/17/09 21:16
11	3G44510.	CAL 1262@500PPB	02/17/09 21:32				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1262	1	3	Avg	----	----	----	----	----	----	----	----	0.402	8.97	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	4	Avg	----	----	----	----	----	----	----	----	0.196	9.71	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	5	Avg	----	----	----	----	----	----	----	----	0.0766	10.09	-1	-1	Lvl=11	500.0							
Aroclor-1268	1	1	Avg	----	----	----	----	----	----	----	----	0.171	8.16	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	2	Avg	----	----	----	----	----	----	----	----	0.0571	8.25	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	3	Avg	----	----	----	----	----	----	----	----	0.0650	8.57	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	4	Avg	----	----	----	----	----	----	----	----	0.503	9.15	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	5	Avg	----	----	----	----	----	----	----	----	0.147	9.25	-1	-1	Lvl=7	500.0							
DCB-Surrogate	1	0	Qua	4.7423	4.2879	3.8184	3.5430	3.3466	2.9858	----	----	3.79	10.32	0.996	1.00	17	5.00	20.00	50.00	100.0	200.0	400.0		
TCMX-Surrogate	2	0	Avg	0.7759	0.7790	0.7820	0.7929	0.8081	0.7925	----	----	0.788	4.06	1.00	1.00	1.5	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	2	1	Qua	0.0189	0.0245	0.0208	0.0185	0.0167	0.0143	----	----	0.0190	4.66	0.992	1.00	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	2	Qua	0.0630	0.0493	0.0422	0.0381	0.0348	0.0300	----	----	0.0430	5.08	0.993	1.00	28	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	3	Qua	0.0949	0.0771	0.0651	0.0576	0.0556	0.0476	----	----	0.0664	5.47	0.994	1.00	26	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	4	Qua	0.0422	0.0378	0.0326	0.0291	0.0273	0.0235	----	----	0.0321	5.79	0.994	1.00	22	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	5	Qua	0.0338	0.0291	0.0250	0.0225	0.0211	0.0182	----	----	0.0250	6.17	0.994	1.00	23	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	1	Qua	0.0723	0.0648	0.0553	0.0487	0.0463	0.0407	----	----	0.0547	7.48	0.995	1.00	22	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	2	Qua	0.0756	0.0665	0.0557	0.0491	0.0493	0.0435	----	----	0.0567	7.56	0.996	0.999	21	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	3	Qua	0.0719	0.0626	0.0553	0.0493	0.0456	0.0416	----	----	0.0544	8.56	0.997	1.00	21	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	4	Qua	0.0591	0.0518	0.0455	0.0412	0.0387	0.0348	----	----	0.0452	9.27	0.997	1.00	20	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	5	Qua	0.0395	0.0364	0.0319	0.0290	0.0270	0.0243	----	----	0.0314	9.90	0.997	1.00	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	2	1	Avg	----	----	----	----	----	----	----	----	0.0133	4.44	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	2	Avg	----	----	----	----	----	----	----	----	0.00726	4.59	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	3	Avg	----	----	----	----	----	----	----	----	0.0221	4.66	-1	-1	Lvl=10	500.0							
Aroclor-1232	2	1	Avg	----	----	----	----	----	----	----	----	0.0170	4.66	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	2	Avg	----	----	----	----	----	----	----	----	0.0225	5.08	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	3	Avg	----	----	----	----	----	----	----	----	0.0328	5.47	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	4	Avg	----	----	----	----	----	----	----	----	0.0117	5.65	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	5	Avg	----	----	----	----	----	----	----	----	0.0152	6.17	-1	-1	Lvl=7	500.0							
Aroclor-1242	2	1	Avg	----	----	----	----	----	----	----	----	0.0180	4.66	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	2	Avg	----	----	----	----	----	----	----	----	0.0350	5.08	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	3	Avg	----	----	----	----	----	----	----	----	0.0545	5.46	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	4	Avg	----	----	----	----	----	----	----	----	0.0268	5.79	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	5	Avg	----	----	----	----	----	----	----	----	0.0236	6.17	-1	-1	Lvl=8	500.0							
Aroclor-1248	2	1	Avg	----	----	----	----	----	----	----	----	0.0192	5.08	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	2	Avg	----	----	----	----	----	----	----	----	0.0369	5.46	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	3	Avg	----	----	----	----	----	----	----	----	0.0333	5.79	-1	-1	Lvl=9	500.0							

Avg Rsd Col 1: 17.3 Avg Rsd Col 2: 19.6

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G44505.	CAL 1660@50PPB	02/17/09 20:14	2	3G44500.	CAL 1660@200PPB	02/17/09 18:55
3	3G44501.	CAL 1660@500PPB	02/17/09 19:11	4	3G44502.	CAL 1660@1000PPB	02/17/09 19:26
5	3G44503.	CAL 1660@2000PPB	02/17/09 19:42	6	3G44504.	CAL 1660@4000PPB	02/17/09 19:58
7	3G44506.	CAL 3268@500PPB	02/17/09 20:29	8	3G44507.	CAL 1242@500PPB	02/17/09 20:45
9	3G44508.	CAL 1248@500PPB	02/17/09 21:00	10	3G44509.	CAL 2154@500PPB	02/17/09 21:16
11	3G44510.	CAL 1262@500PPB	02/17/09 21:32				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations: Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1248	2	4	Avg	----	----	----	----	----	----	----	----	0.0328	6.17	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	5	Avg	----	----	----	----	----	----	----	----	0.0396	6.53	-1	-1	Lvl=9	500.0							
Aroclor-1254	2	1	Avg	----	----	----	----	----	----	----	----	0.0532	6.67	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	2	Avg	----	----	----	----	----	----	----	----	0.0190	7.09	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	3	Avg	----	----	----	----	----	----	----	----	0.0373	7.48	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	4	Avg	----	----	----	----	----	----	----	----	0.0201	7.93	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	5	Avg	----	----	----	----	----	----	----	----	0.0248	8.62	-1	-1	Lvl=10	500.0							
Aroclor-1262	2	1	Avg	----	----	----	----	----	----	----	----	0.0376	7.99	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	2	Avg	----	----	----	----	----	----	----	----	0.0442	9.16	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	3	Avg	----	----	----	----	----	----	----	----	0.0553	9.27	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	4	Avg	----	----	----	----	----	----	----	----	0.0559	9.90	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	5	Avg	----	----	----	----	----	----	----	----	0.0168	10.48	-1	-1	Lvl=11	500.0							
Aroclor-1268	2	1	Avg	----	----	----	----	----	----	----	----	0.0423	8.52	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	2	Avg	----	----	----	----	----	----	----	----	0.0109	8.66	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	3	Avg	----	----	----	----	----	----	----	----	0.0180	8.70	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	4	Avg	----	----	----	----	----	----	----	----	0.108	9.63	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	5	Avg	----	----	----	----	----	----	----	----	0.0307	9.80	-1	-1	Lvl=7	500.0							
DCB-Surrogate	2	0	LinF	1.2750	1.1244	1.0121	0.9535	0.9245	0.8612	----	----	1.03	11.06	0.999	1.00	15	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 17.3 Avg Rsd Col 2: 19.6

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44505.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 20:14
Operator : MS
Sample : CAL 1660@50PPB
Misc : W,PCB
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:02:38 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.023	4.056	238530	38796	6.520	4.555m#
2)Aroclor-1016 {1}	4.515	4.659	59210	9450	68.221m	41.098m#
3)Aroclor-1016 {2}	4.880	5.083	90866	31529	60.301	69.112m
4)Aroclor-1016 {3}	5.348	5.470	194954	47496	65.286	66.957m
5)Aroclor-1016 {4}	5.479	5.795	111496	21147	71.609	67.439m
6)Aroclor-1016 {5}	5.590	6.168	55047	16916	57.060m	63.759m
7)Aroclor-1260 {1}	7.214	7.481	155272	36152	88.093	69.933m
8)Aroclor-1260 {2}	7.465	7.563	170467	37798	85.261	64.249m
9)Aroclor-1260 {3}	7.949	8.559	78590	35969	85.900m	67.033m
10)Aroclor-1260 {4}	8.251	9.275	100236	29586	67.117m	59.034m
11)Aroclor-1260 {5}	8.974	9.898	163409	19791	68.960	57.397m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44505.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 20:14
Operator : MS
Sample : CAL 1660@50PPB
Misc : W,PCB
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:02:38 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

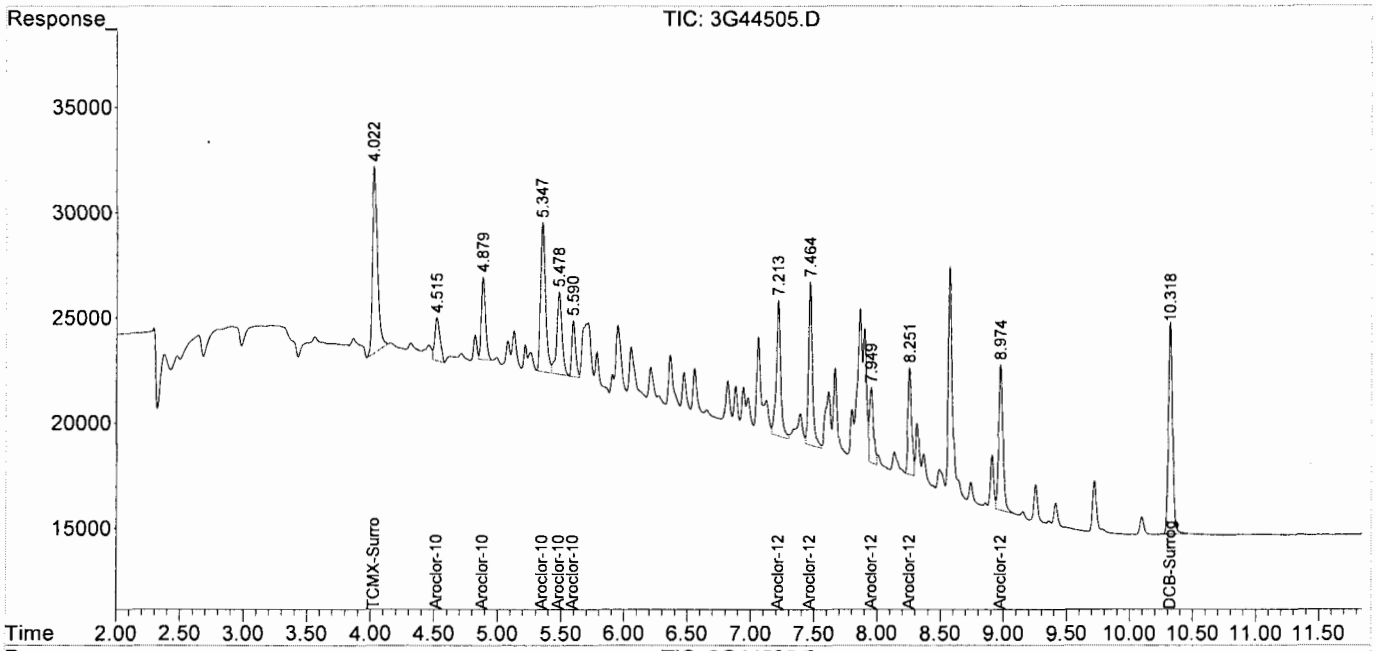
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D.	N.D.
45)DCB-Surrogate	10.318	11.057	237116	63750	8.245m	5.563m#

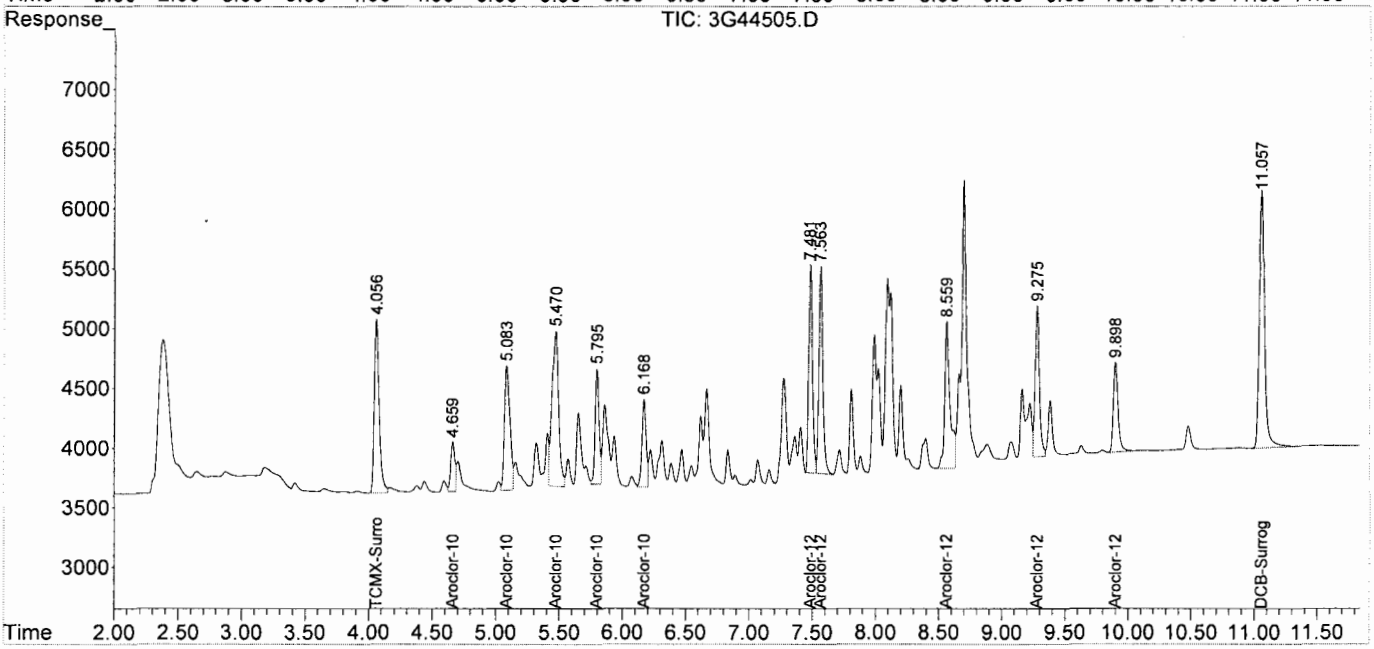
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44505.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 20:14
Operator : MS
Sample : CAL 1660@50PPB
Misc : W,PCB
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:02:38 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44500.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 18:55
Operator : MS
Sample : CAL 1660@200PPB
Misc : W,PCB
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:43:33 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.021	4.055	835563	155808	22.839m	18.293m
2)Aroclor-1016 {1}	4.515	4.657	186105	49083	215.551	215.130m
3)Aroclor-1016 {2}	4.877	5.081	369930	98789	248.030m	217.728m
4)Aroclor-1016 {3}	5.346	5.466	772058	154198	260.788	217.379m
5)Aroclor-1016 {4}	5.482	5.794	403638	75626	261.204	241.174m
6)Aroclor-1016 {5}	5.591	6.167	271825	58268	281.766	220.750m
7)Aroclor-1260 {1}	7.214	7.481	456547	129776	261.182	251.039m
8)Aroclor-1260 {2}	7.464	7.562	580521	133145	291.955	226.318m
9)Aroclor-1260 {3}	7.952	8.558	242272	125265	264.808	233.450m
10)Aroclor-1260 {4}	8.252	9.274	377409	103738	252.710	206.993m
11)Aroclor-1260 {5}	8.974	9.898	617192	72830	260.461	211.213m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44500.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 18:55
Operator : MS
Sample : CAL 1660@200PPB
Misc : W,PCB
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:43:33 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

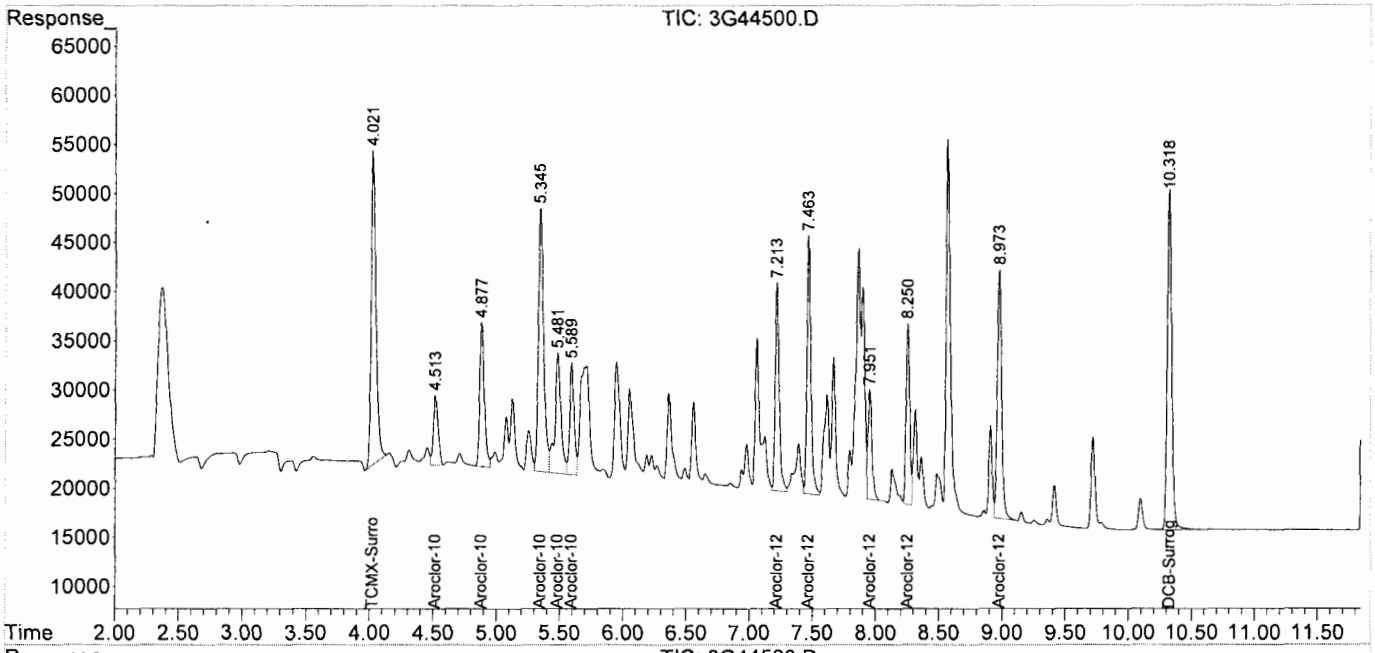
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	10.318	11.057	857598	224893	29.819m	19.623m#

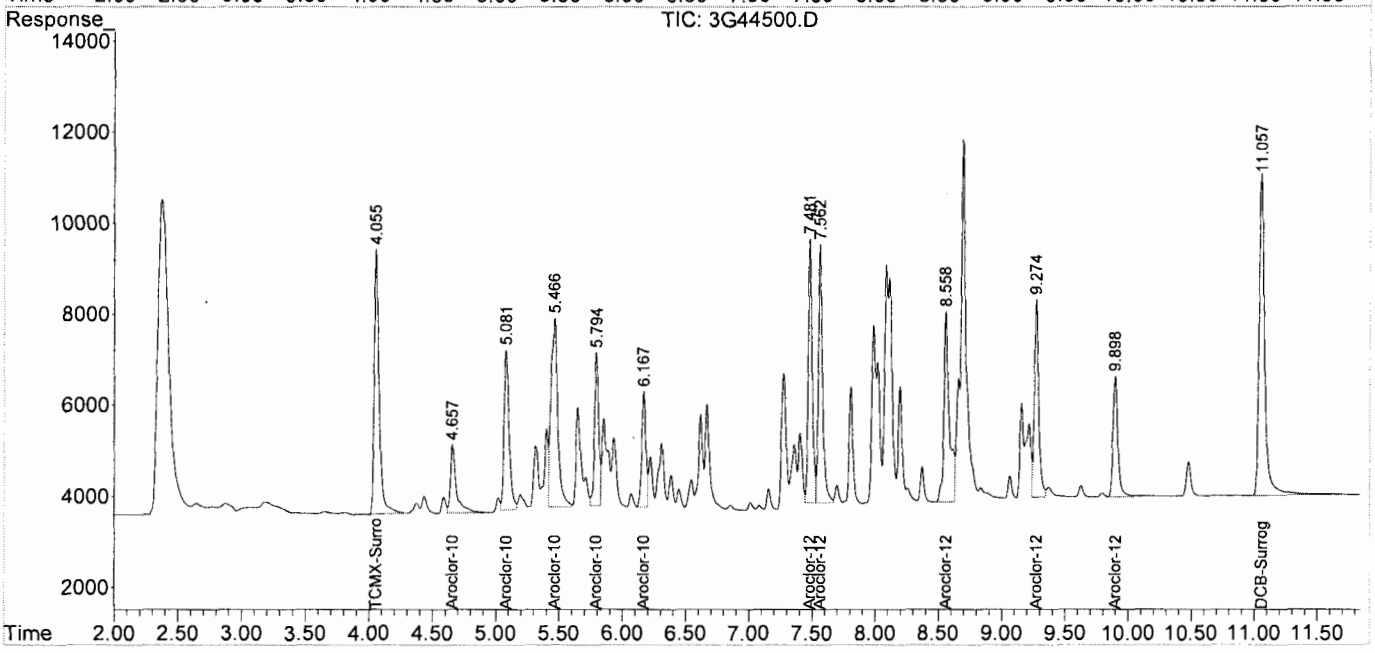
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44500.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 18:55
Operator : MS
Sample : CAL 1660@200PPB
Misc : W,PCB
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:43:33 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44501.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:11
Operator : MS
Sample : CAL 1660@500PPB
Misc : W,PCB
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:45:56 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.023	4.055	2026672	391013	55.396	45.909m
2)Aroclor-1016 {1}	4.513	4.656	435132	104296	509.286m	462.253m
3)Aroclor-1016 {2}	4.878	5.080	826371	211051	563.859	469.491m
4)Aroclor-1016 {3}	5.345	5.465	1700997	325917	582.894	459.458
5)Aroclor-1016 {4}	5.481	5.794	881581	163424	577.806	521.167
6)Aroclor-1016 {5}	5.589	6.168	607876	125128	630.107	478.088
7)Aroclor-1260 {1}	7.213	7.480	1040766	276810	605.451	535.461m
8)Aroclor-1260 {2}	7.463	7.560	1308115	278861	664.480	474.005m#
9)Aroclor-1260 {3}	7.951	8.558	637536	276894	696.839	516.034m#
10)Aroclor-1260 {4}	8.251	9.274	894344	227786	598.847	454.513m
11)Aroclor-1260 {5}	8.972	9.897	1453951	159966	613.581	463.913m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44501.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:11
Operator : MS
Sample : CAL 1660@500PPB
Misc : W,PCB
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:45:56 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

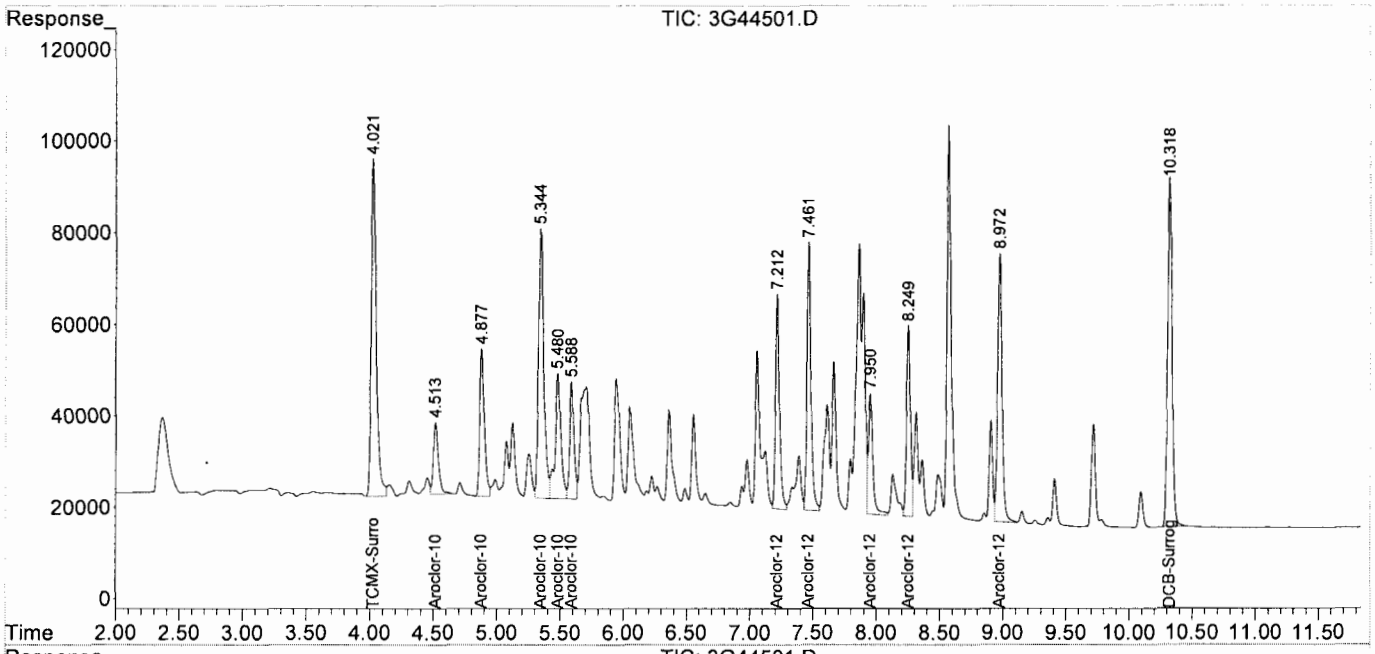
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	10.319	11.057	1909232	506085	66.386	44.159m#

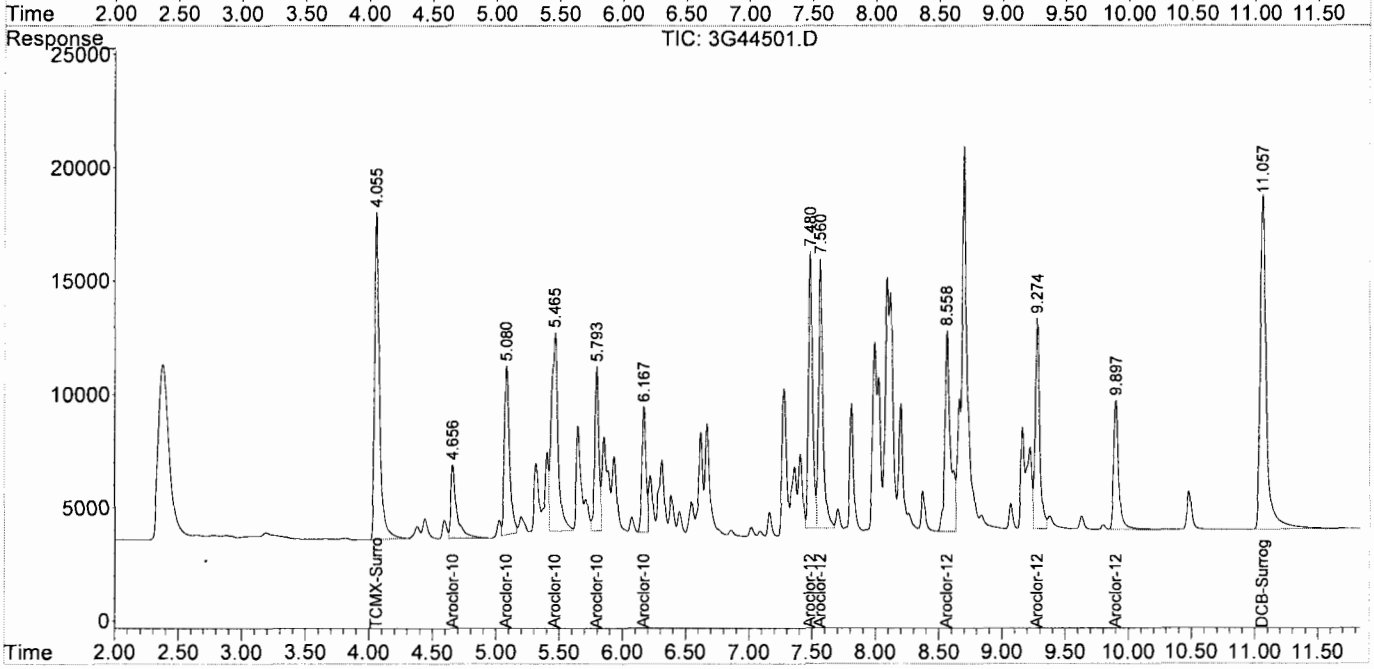
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44501.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:11
Operator : MS
Sample : CAL 1660@500PPB
Misc : W,PCB
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:45:56 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44502.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:26
Operator : MS
Sample : CAL 1660@1000PPB
Misc : W,PCB
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:52:42 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.021	4.055	3793294	792929	103.685m	93.098m
2)Aroclor-1016 {1}	4.513	4.655	767592	185134	911.548m	834.632m
3)Aroclor-1016 {2}	4.880	5.080	1538177	381240	1080.823	860.554m
4)Aroclor-1016 {3}	5.345	5.465	3124974	576908	1096.171	813.290 #
5)Aroclor-1016 {4}	5.482	5.793	1675195	291785	1122.725	930.520
6)Aroclor-1016 {5}	5.591	6.167	1172649	225359	1215.534	872.435 #
7)Aroclor-1260 {1}	7.214	7.479	1907782	487163	1139.668	942.368m
8)Aroclor-1260 {2}	7.463	7.560	2410620	491043	1243.941	834.669m#
9)Aroclor-1260 {3}	7.949	8.557	1073805	493013	1173.690m	918.805m
10)Aroclor-1260 {4}	8.249	9.273	1636706	412459	1095.928m	823.000m
11)Aroclor-1260 {5}	8.973	9.896	2785013	290613	1175.302	842.802m#
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44502.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:26
Operator : MS
Sample : CAL 1660@1000PPB
Misc : W,PCB
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:52:42 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

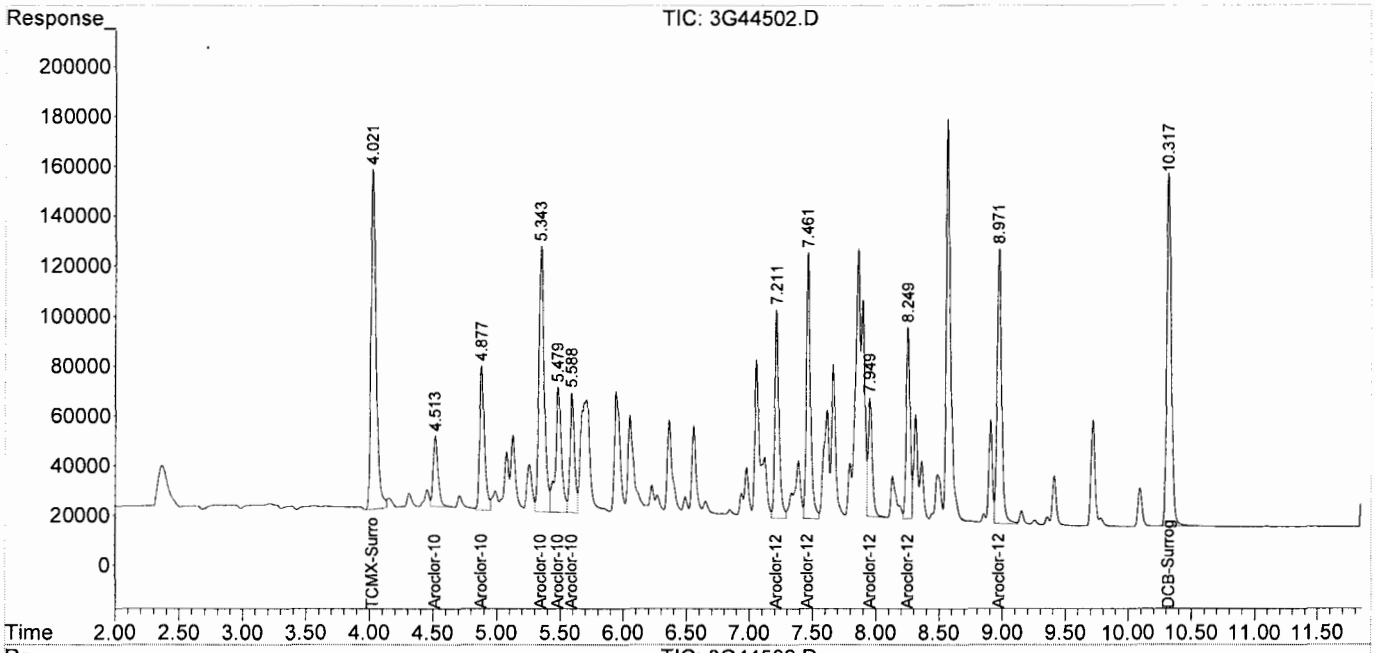
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	10.319	11.056	3543069	953576	123.196	83.206m#

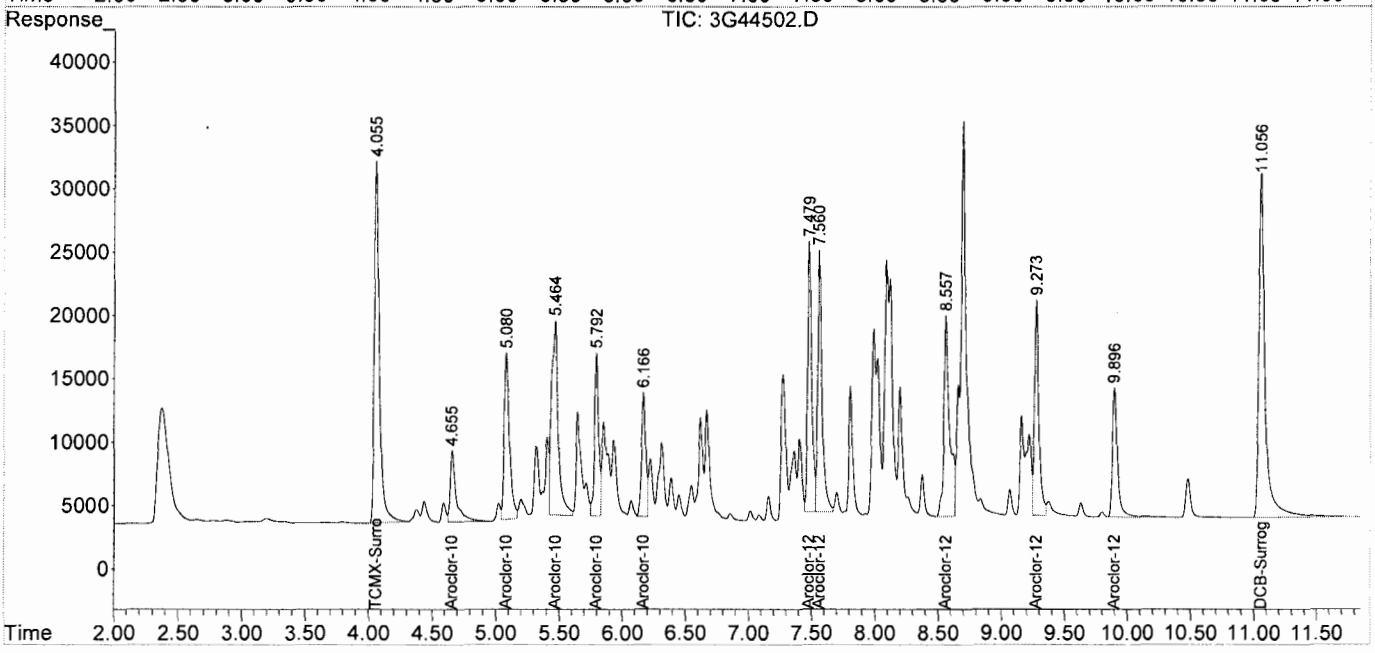
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44502.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:26
Operator : MS
Sample : CAL 1660@1000PPB
Misc : W,PCB
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:52:42 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44503.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:42
Operator : MS
Sample : CAL 1660@2000PPB
Misc : W,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:54:34 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.020	4.055	7189023	1616331	196.502m	189.774
2)Aroclor-1016 {1}	4.513	4.654	1620056	334746	2003.453	1561.482m
3)Aroclor-1016 {2}	4.877	5.080	2739468	697255	2037.244	1620.165
4)Aroclor-1016 {3}	5.343	5.463	5648818	1112106	2075.014	1567.781
5)Aroclor-1016 {4}	5.479	5.792	3031939	546082	2119.484	1741.487
6)Aroclor-1016 {5}	5.588	6.166	2154344	423256	2233.131	1684.413
7)Aroclor-1260 {1}	7.212	7.479	3392952	926646	2133.621	1792.504
8)Aroclor-1260 {2}	7.461	7.560	4432128	987613	2359.104	1678.731 #
9)Aroclor-1260 {3}	7.949	8.557	2141915	912959	2341.154m	1701.436m#
10)Aroclor-1260 {4}	8.249	9.273	3077860	775889	2060.915m	1548.169m
11)Aroclor-1260 {5}	8.971	9.895	5346412	541498	2256.237	1570.389m#
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44503.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:42
Operator : MS
Sample : CAL 1660@2000PPB
Misc : W,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:54:34 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	10.318	11.056	6693346	1849152	232.734	161.351m#

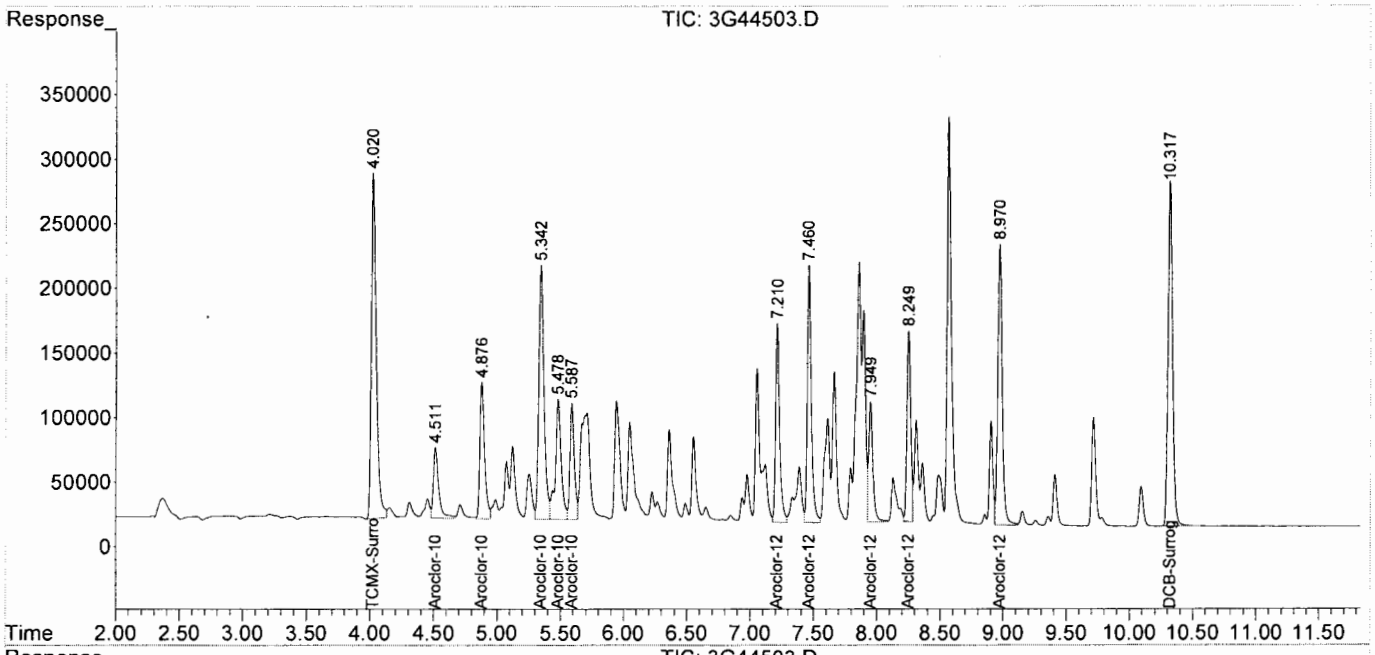
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

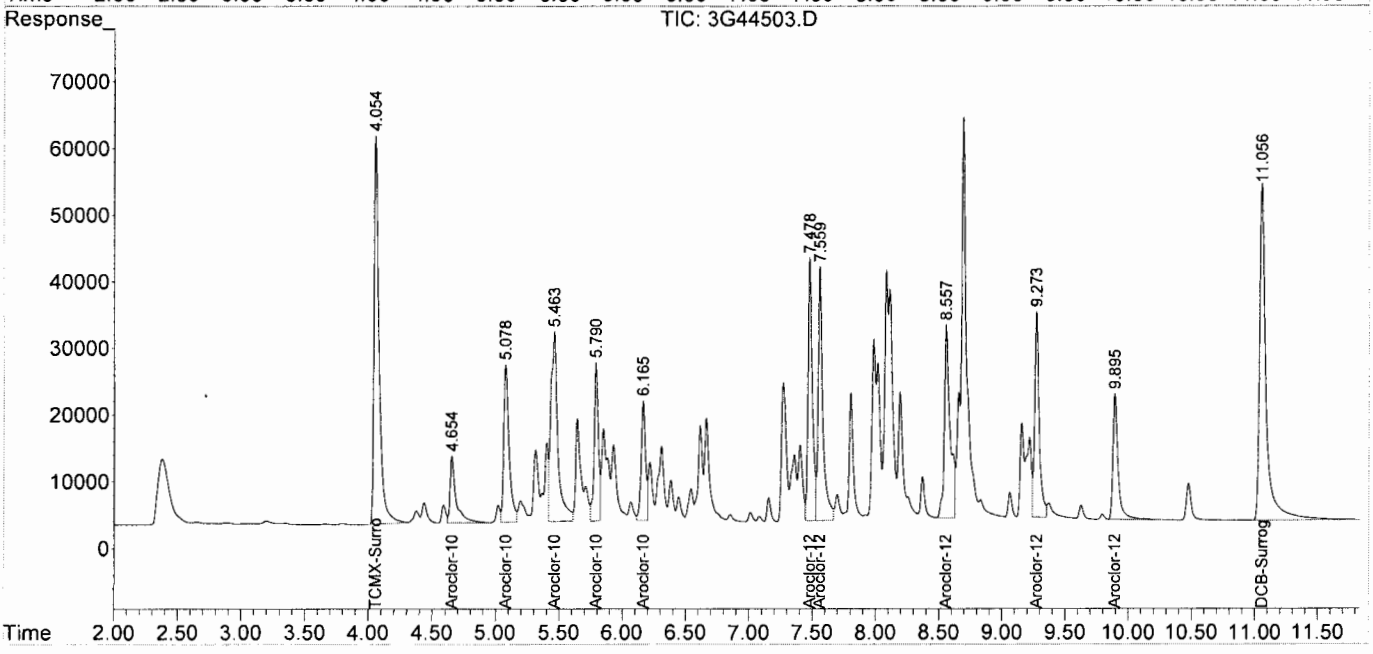
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44503.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:42
Operator : MS
Sample : CAL 1660@2000PPB
Misc : W,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:54:34 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44504.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:58
Operator : MS
Sample : CAL 1660@4000PPB
Misc : W,PCB
ALS Vial : 19 · Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:56:39 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.020	4.055	12828653	3170108	350.654m	372.203
2)Aroclor-1016 {1}	4.513	4.653	2748685	574771	3621.038	2858.012m
3)Aroclor-1016 {2}	4.877	5.079	4616339	1202871	3863.429	2946.292
4)Aroclor-1016 {3}	5.342	5.462	9600929	1904045	3858.676	2684.208m#
5)Aroclor-1016 {4}	5.479	5.791	5105814	942171	3859.134	3004.636
6)Aroclor-1016 {5}	5.588	6.165	3717797	729678	3853.761	3046.972
7)Aroclor-1260 {1}	7.211	7.479	5836025	1628043	4095.721	3149.287
8)Aroclor-1260 {2}	7.460	7.559	7618704	1742257	4288.938	2961.465 #
9)Aroclor-1260 {3}	7.949	8.558	3974226	1663996	4343.906	3101.108 #
10)Aroclor-1260 {4}	8.249	9.272	5489680	1393410	3675.854	2780.339m
11)Aroclor-1260 {5}	8.971	9.895	9649048	973684	4071.990	2823.764m#
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44504.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:58
Operator : MS
Sample : CAL 1660@4000PPB
Misc : W,PCB
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:56:39 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	10.317	11.055	11943545	3445101	415.288	300.608m#

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

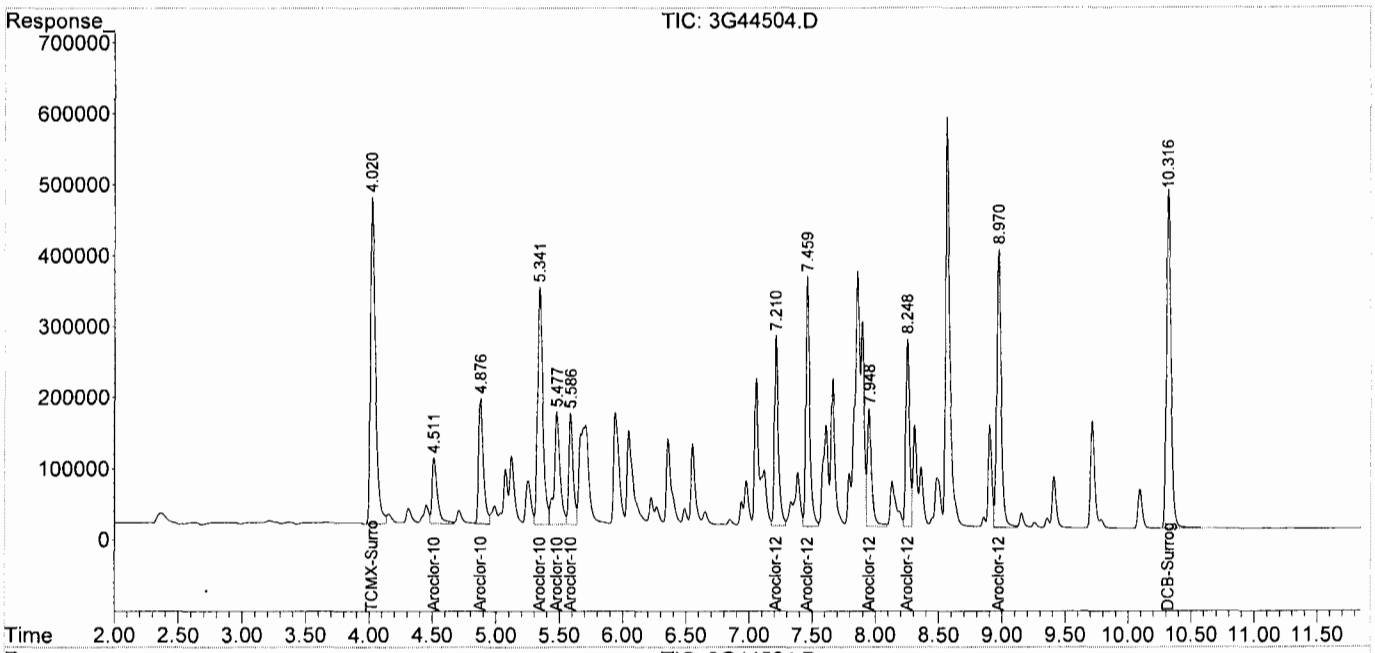
B

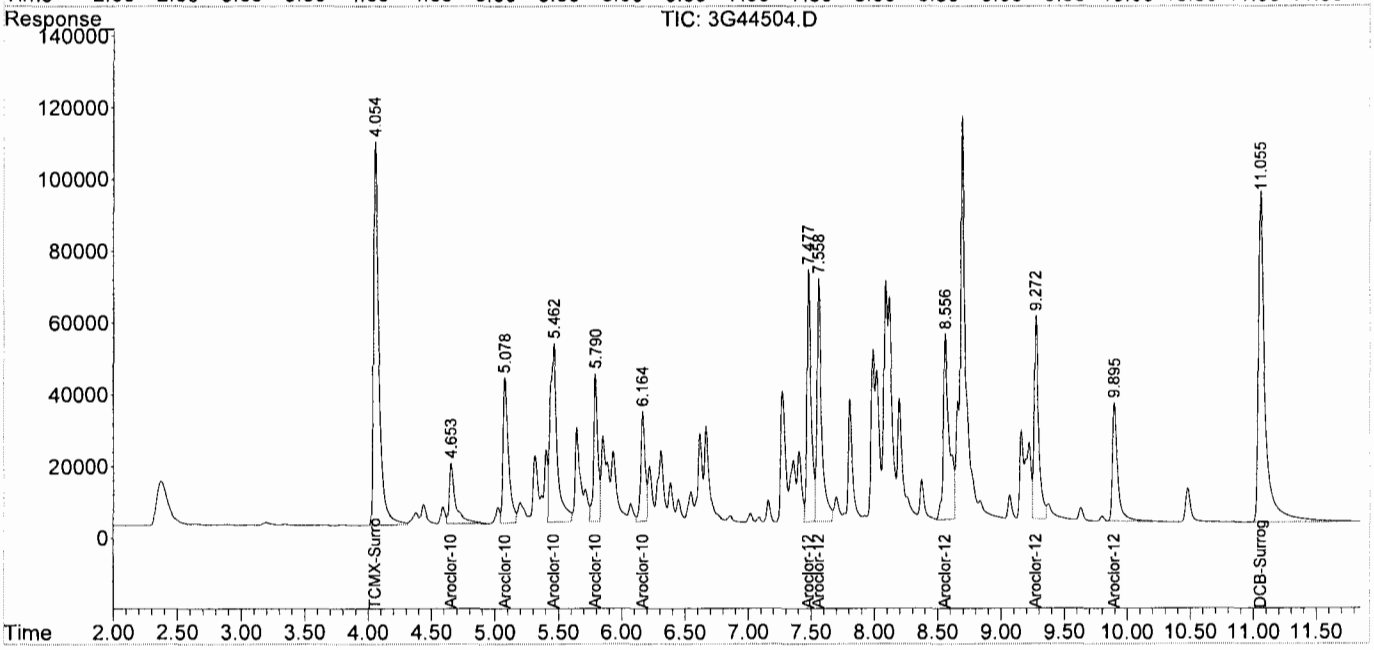
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44504.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 19:58
Operator : MS
Sample : CAL 1660@4000PPB
Misc : W,PCB
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 08:56:39 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 08:06:23 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

0896

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44506.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 20:29
Operator : MS
Sample : CAL 3268@500PPB
Misc : W,PCB
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:08:39 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:05:10 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.020	4.055	2237014	410109	61.146m	48.151m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	4.513	4.656	458185	85146	445.898m	334.788m
16)Aroclor-1232 {2}	4.877	5.081	408162	112308	482.099m	445.305m
17)Aroclor-1232 {3}	5.344	5.466	881857	163771	526.291m	402.522m
18)Aroclor-1232 {4}	5.480	5.647	462555	58563	550.262m	403.215m#
19)Aroclor-1232 {5}	5.942	6.168	456112	75836	544.844m	438.765m
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	8.156	8.523	853036	211610	625.670m	487.934
41)Aroclor-1268 {2}	8.247	8.656	285627	54326	563.708m	504.786
42)Aroclor-1268 {3}	8.566	8.696	325099	89963	607.144m	490.760

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44506.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 20:29
Operator : MS
Sample : CAL 3268@500PPB
Misc : W,PCB
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:08:39 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:05:10 2009
Response via : Initial Calibration
Integrator: ChemStation

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

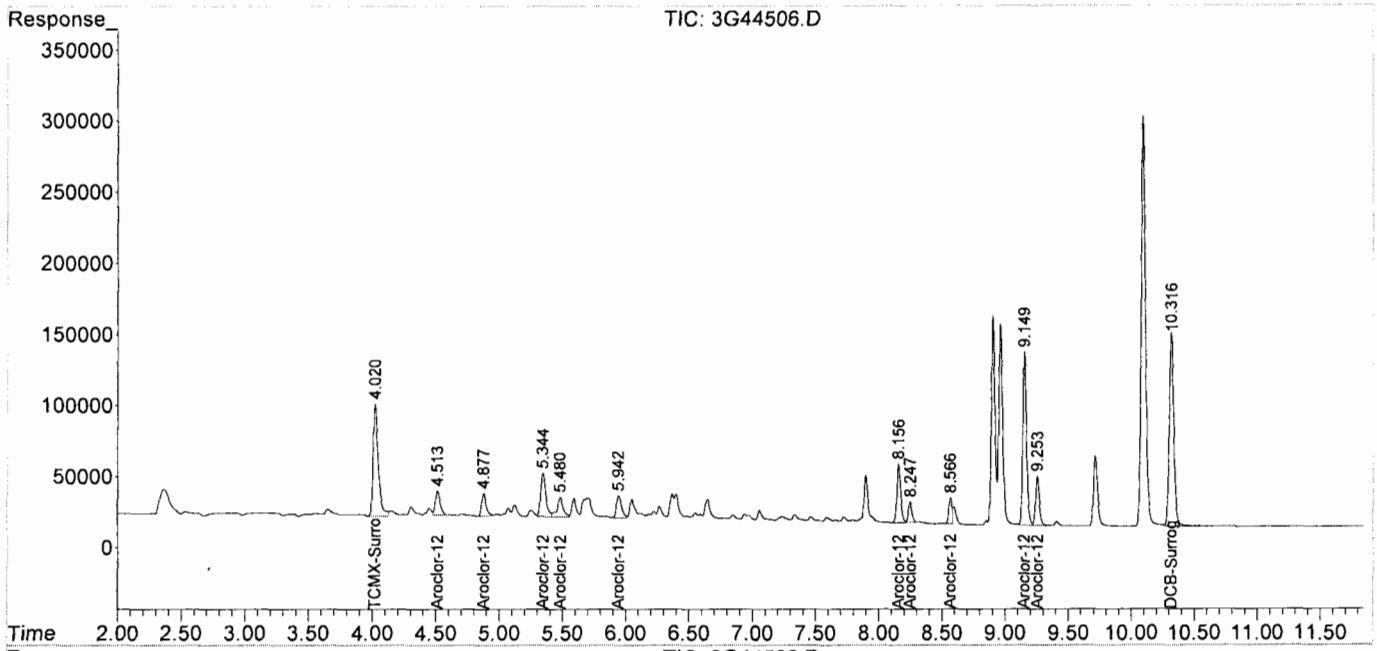
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	9.152	9.628	2513979	540614	626.597	434.914 #
44)Aroclor-1268 {5}	9.255	9.798	733635	153574	643.372	479.817 #
45)DCB-Surrogate	10.318	11.056	3417645	852031	118.835	74.345m#

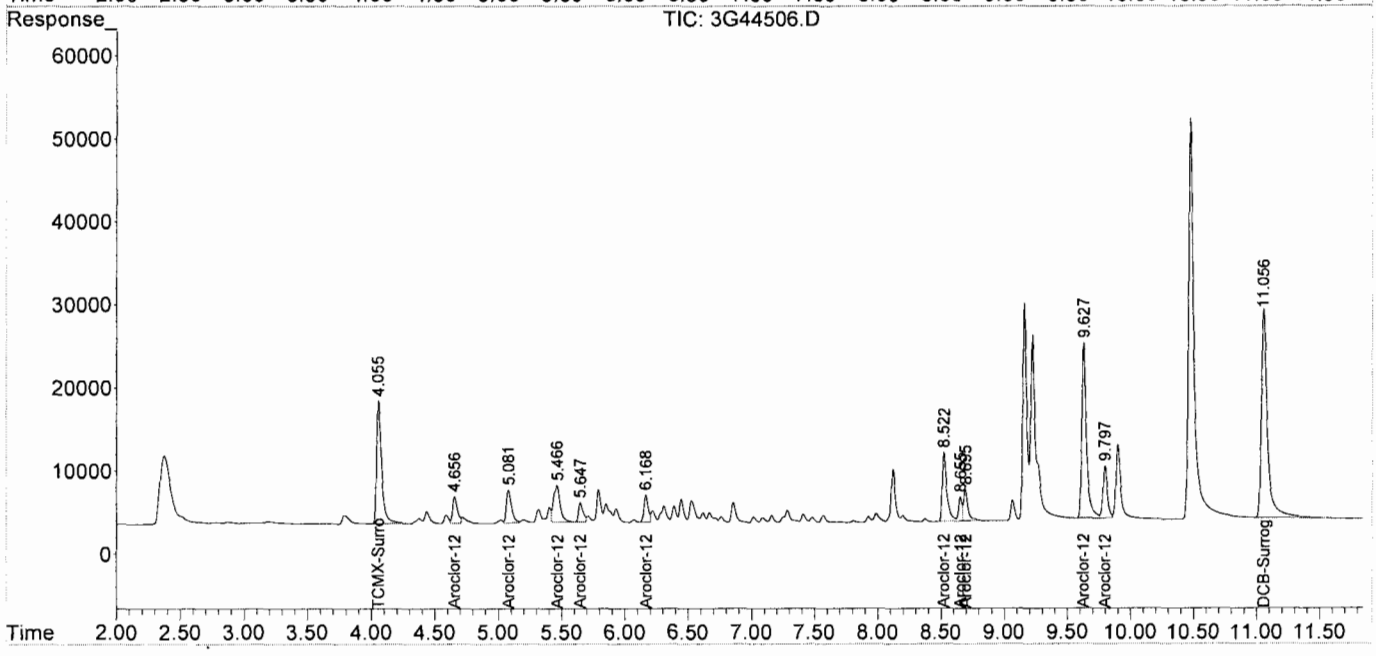
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44506.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 20:29
Operator : MS
Sample : CAL 3268@500PPB
Misc : W,PCB
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:08:39 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:05:10 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44507.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 20:45
Operator : MS
Sample : CAL 1242@500PPB
Misc : W,PCB
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:11:50 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:10:35 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.022	4.054	2207067	401000	60.327	47.082m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	4.514	4.655	406435	90249	482.341	433.227m
21)Aroclor-1242 {2}	4.878	5.080	688419	175142	513.342	437.492m
22)Aroclor-1242 {3}	5.344	5.465	1486881	272654	536.133	407.449
23)Aroclor-1242 {4}	5.706	5.794	1040619	134124	536.013m	438.923
24)Aroclor-1242 {5}	5.943	6.166	722561	118090	554.590	447.255m
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44507.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 20:45
Operator : MS
Sample : CAL 1242@500PPB
Misc : W,PCB
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:11:50 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:10:35 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	10.318	11.056	2050863	521068	71.310	45.467m#

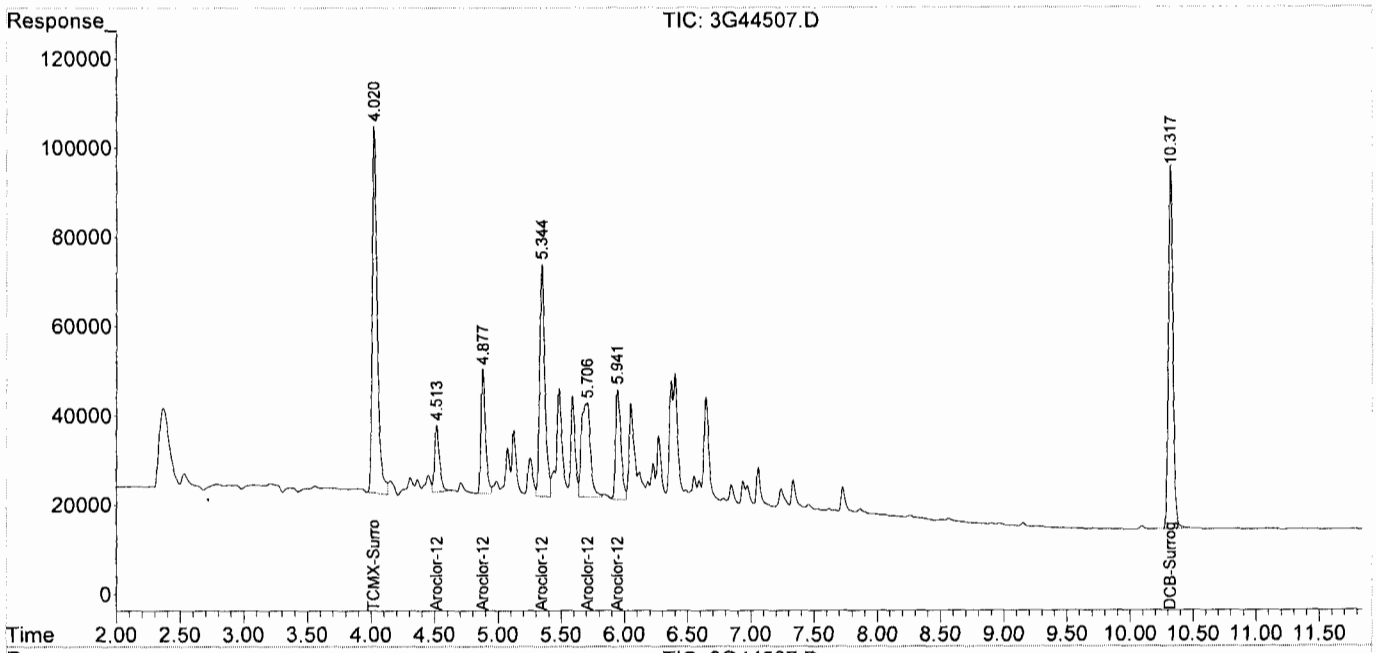
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

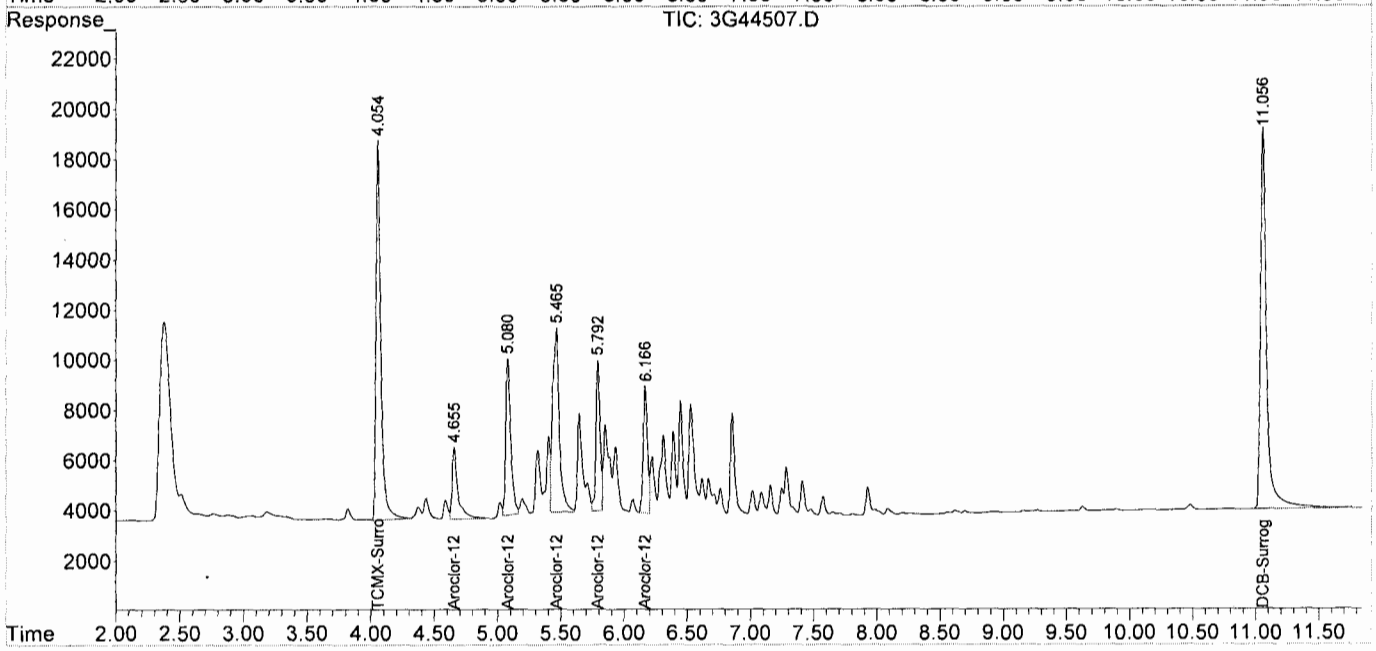
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44507.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 20:45
Operator : MS
Sample : CAL 1242@500PPB
Misc : W,PCB
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:11:50 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:10:35 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44508.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 21:00
Operator : MS
Sample : CAL 1248@500PPB
Misc : W,PCB
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:17:43 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:13:00 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.022	4.056	2262617	397669	61.846	46.691
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	4.877	5.080	362344	95991	506.675m	460.305m
26)Aroclor-1248 {2}	5.344	5.464	985004	184701	530.548	424.788m
27)Aroclor-1248 {3}	5.690	5.793	1668334	166599	549.059	452.652
28)Aroclor-1248 {4}	5.943	6.168	1095676	163753	545.212	454.457
29)Aroclor-1248 {5}	6.049	6.527	1040102	197783	547.273	438.365
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D.	N.D.
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D.	N.D.
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D.	N.D.
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D.	N.D.
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D.	N.D.
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D.	N.D.

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44508.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 21:00
Operator : MS
Sample : CAL 1248@500PPB
Misc : W,PCB
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:17:43 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:13:00 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D.	N.D.
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D.	N.D.
45)DCB-Surrogate	10.318	11.057	2078143	515958	72.259	45.021m#

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

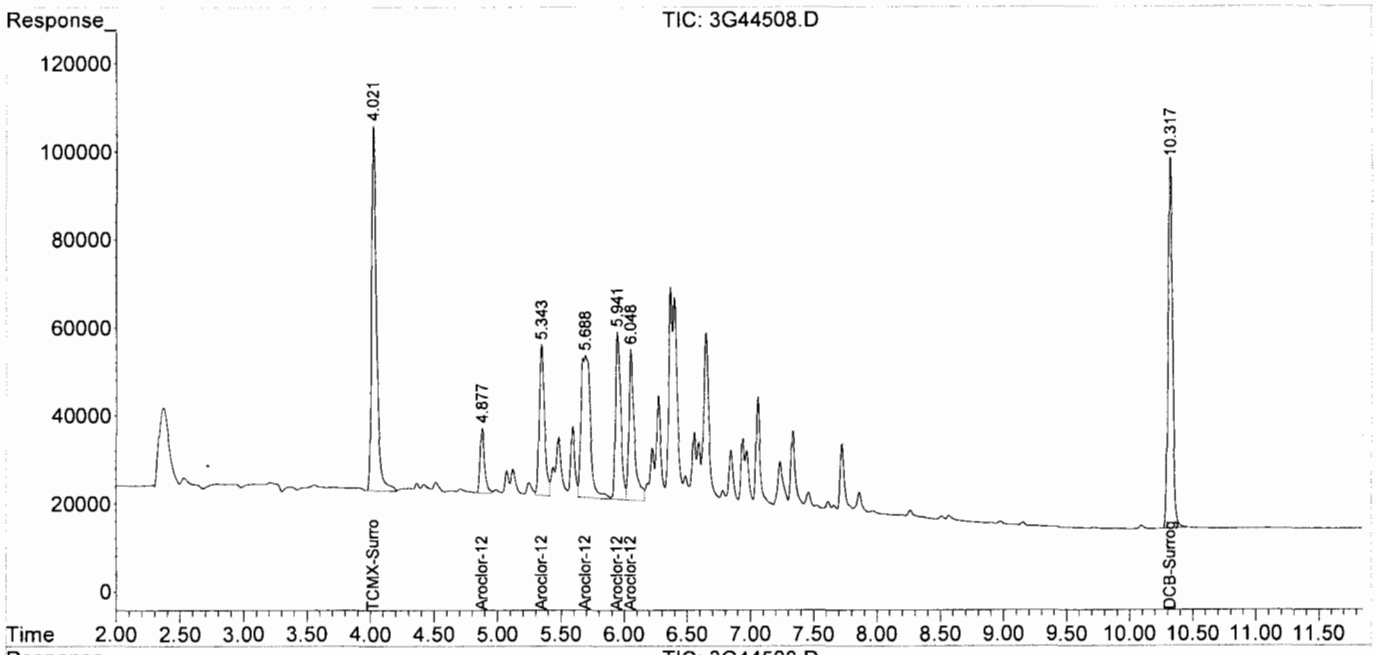
MS

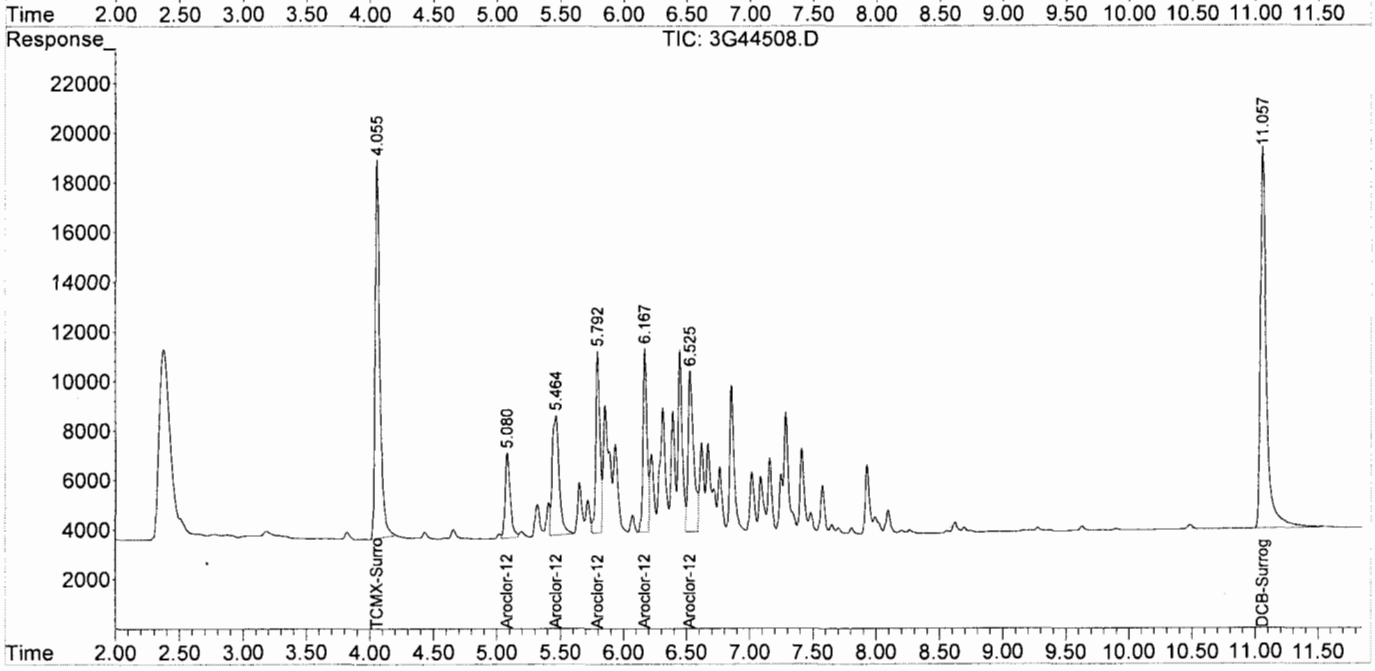
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44508.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 21:00
Operator : MS
Sample : CAL 1248@500PPB
Misc : W,PCB
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:17:43 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:13:00 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44509.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 21:16
Operator : MS
Sample : CAL 2154@500PPB
Misc : W,PCB
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:23:05 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:18:48 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.021	4.054	2143050	401142	58.577	47.098m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	4.307	4.436	289407	66673	448.879m	437.743m
13)Aroclor-1221 {2}	4.451	4.588	185079	36323	447.051m	401.148m
14)Aroclor-1221 {3}	4.513	4.655	674351	110276	474.834m	386.189m
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	7.056	6.668	1834778	265801	535.086	427.687
31)Aroclor-1254 {2}	7.216	7.085	940544	94751	529.648	466.422
32)Aroclor-1254 {3}	7.463	7.481	865135	186585	568.086	456.988
33)Aroclor-1254 {4}	7.723	7.924	672086	100533	534.471	446.365m
34)Aroclor-1254 {5}	7.860	8.618	1652480	123786	547.986	493.857
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44509.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 21:16
Operator : MS
Sample : CAL 2154@500PPB
Misc : W,PCB
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:23:05 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:18:48 2009
Response via : Initial Calibration
Integrator: ChemStation

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

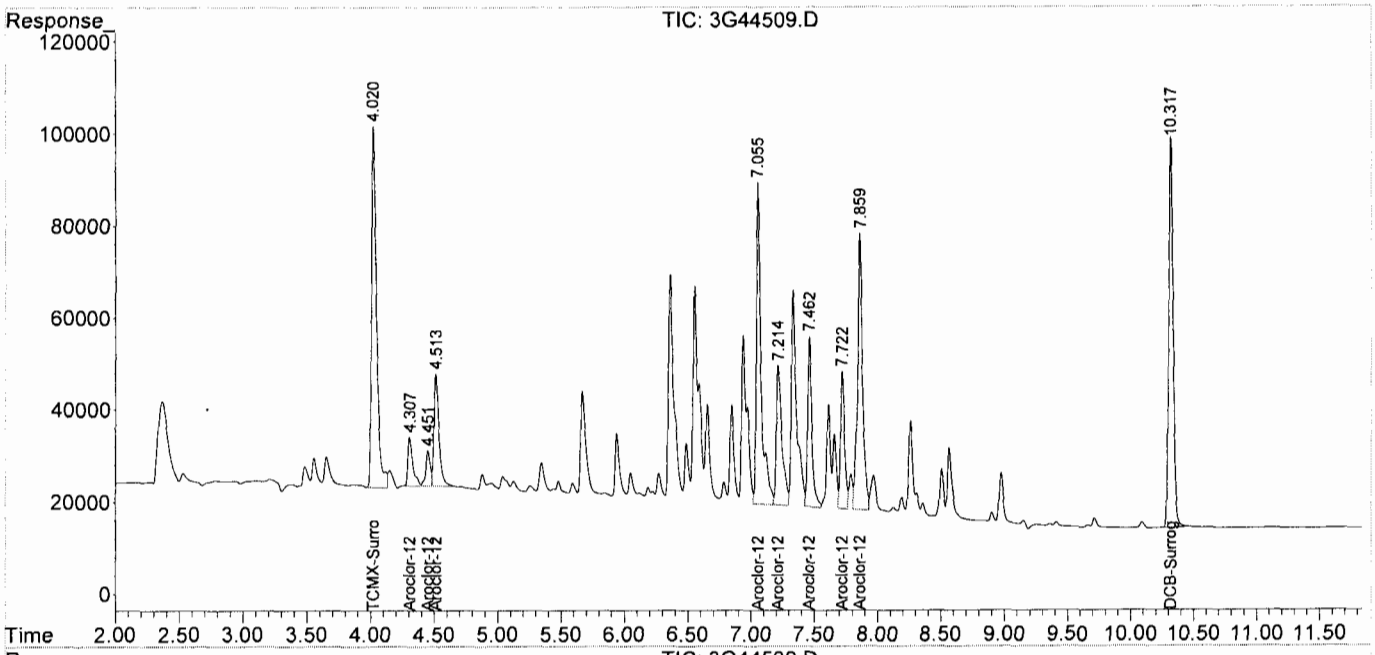
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	10.318	11.057	2078880	509435	72.285	44.452m#

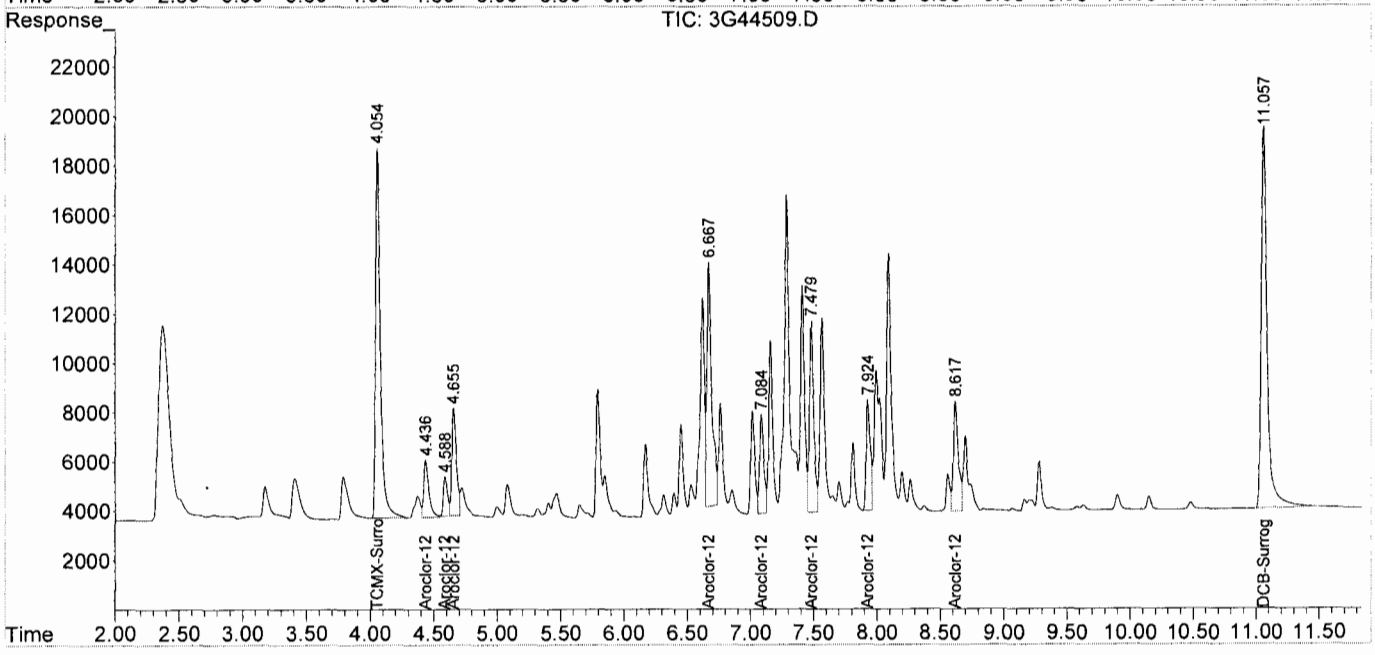
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44509.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 21:16
Operator : MS
Sample : CAL 2154@500PPB
Misc : W,PCB
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:23:05 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:18:48 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44510.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 21:32
Operator : MS
Sample : CAL 1262@500PPB
Misc : W,PCB
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:28:38 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:26:42 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.021	4.054	2220718	399613	60.700	46.919m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	7.462	7.985	1135449	187969	563.870	489.712m
36)Aroclor-1262 {2}	8.902	9.157	1059312	221216	601.873	441.080m#
37)Aroclor-1262 {3}	8.967	9.272	2011458	276404	573.424	489.144m
38)Aroclor-1262 {4}	9.714	9.896	979862	279494	575.632m	447.762m
39)Aroclor-1262 {5}	10.091	10.476	383094	84029	566.135m	469.764m
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44510.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 21:32
Operator : MS
Sample : CAL 1262@500PPB
Misc : W,PCB
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:28:38 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:26:42 2009
Response via : Initial Calibration
Integrator: ChemStation

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

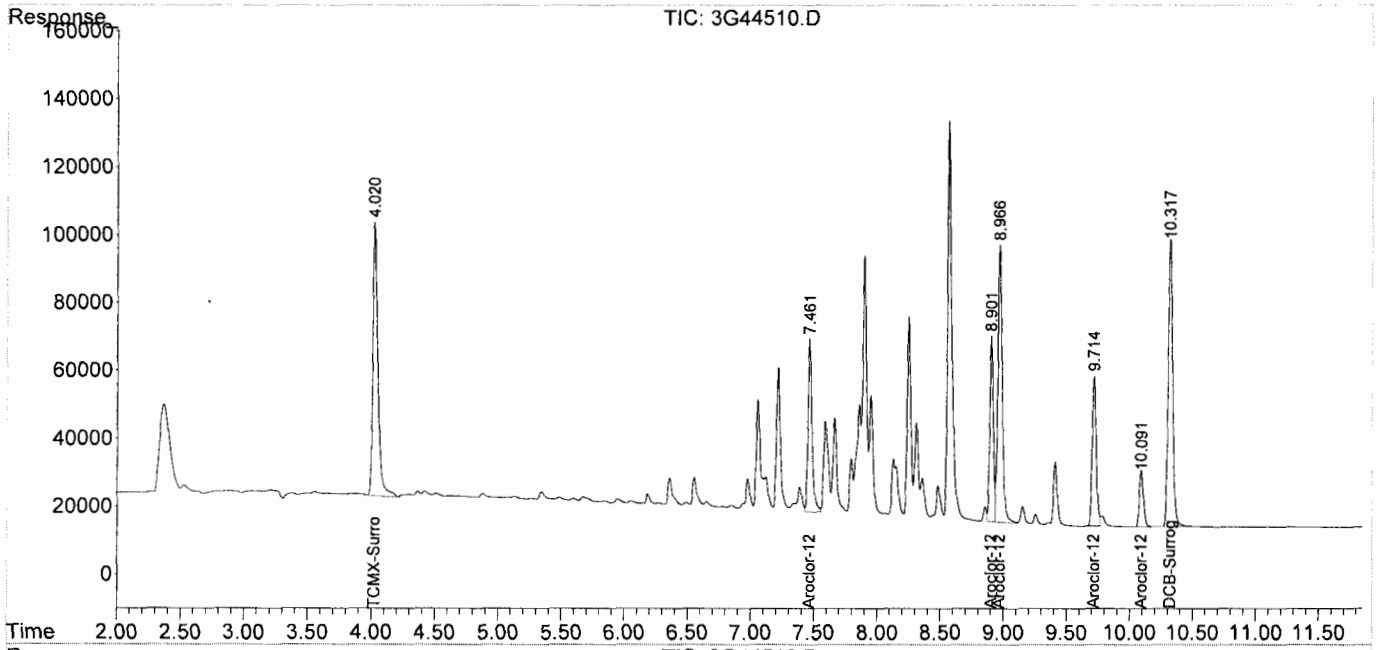
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	10.318	11.056	2091113	522333	72.710	45.577m#

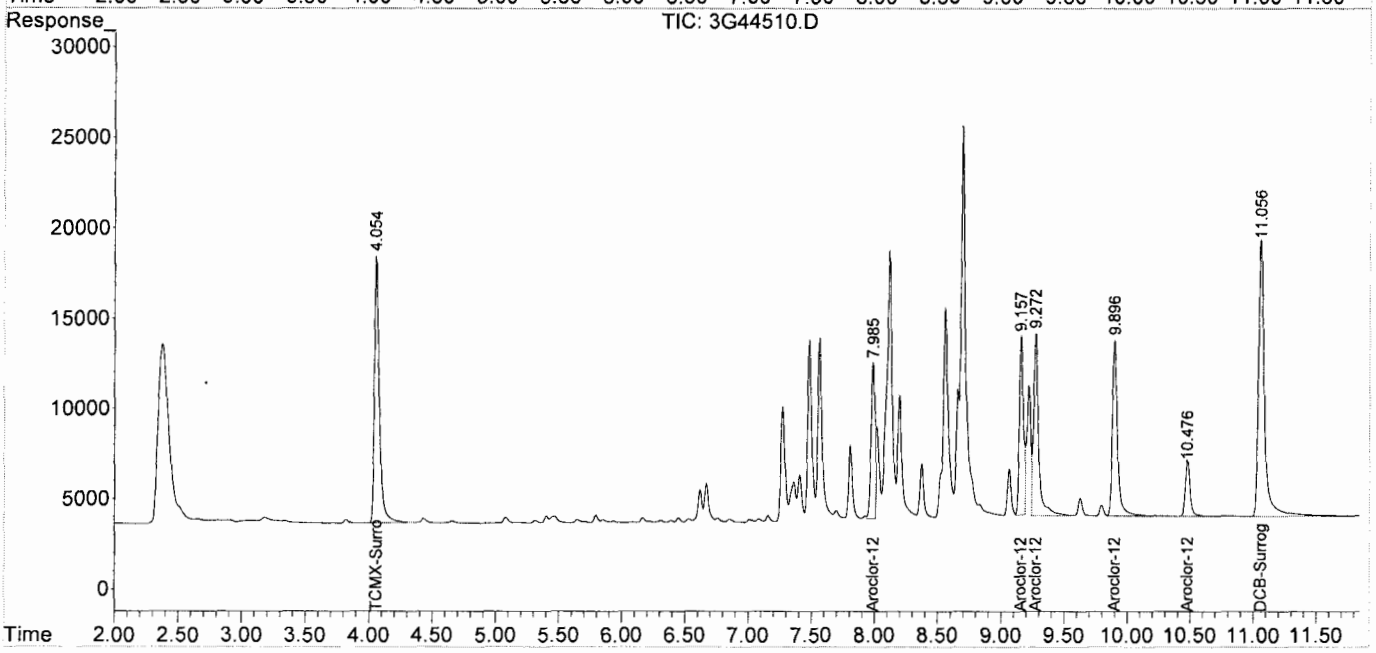
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_3\Data\02-18-09\
Data File : 3G44510.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Feb 2009 21:32
Operator : MS
Sample : CAL 1262@500PPB
Misc : W,PCB
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 18 09:28:38 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:26:42 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form7
Continuing Calibration

Method: EPA 608

Data File:				2G42435.D			3G44586.D			5G20605.D								
Method:				608			608			608								
Calibration Name:				CAL 1660@1000PP			CAL 1660@4000PP			CAL 1660@500PP								
Calibration Date/Time				02/25/09 09:36			02/25/09 09:02			02/19/09 07:50								
					Conc			Conc			Conc			Conc			Conc		
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	90.62	100	9.4	373.8	400	6.5	52.22	50	4.4						
Aroclor-1016	15	1	1	954.7	1000	4.5	3849	4000	3.8	580.1	500	16.0*						
Aroclor-1016	15	1	2	922.2	1000	7.8	3624	4000	9.4	481.6	500	3.7						
Aroclor-1016	15	1	3	911.4	1000	8.9	3601	4000	10.0	514.5	500	2.9						
Aroclor-1016	15	1	4	938	1000	6.2	3437	4000	14.1	570.3	500	14.1						
Aroclor-1016	15	1	5	906.4	1000	9.4	3472	4000	13.2	535.7	500	7.1						
Aroclor-1260	15	1	1	864.6	1000	13.5	3386	4000	15.4	519.1	500	3.8						
Aroclor-1260	15	1	2	885.2	1000	11.5	3701	4000	7.5	518.6	500	3.7						
Aroclor-1260	15	1	3	838.6	1000	16.1*	3702	4000	7.5	510.9	500	2.2						
Aroclor-1260	15	1	4	851.8	1000	14.8	3446	4000	13.8	491.0	500	1.8						
Aroclor-1260	15	1	5	849.2	1000	15.1	3649	4000	8.8	510.6	500	2.1						
DCB-Surrogate	15	1	0	88.21	100	11.8	349.4	400	12.7	51.23	50	2.5						
TCMX-Surrogate	15	2	0	97.93	100	2.1	405.8	400	1.5	52.47	50	4.9						
Aroclor-1016	15	2	1	866.8	1000	13.3	4249	4000	6.2	489.3	500	2.1						
Aroclor-1016	15	2	2	879.7	1000	12.0	4078	4000	2.0	558.4	500	11.7						
Aroclor-1016	15	2	3	925.6	1000	7.4	4078	4000	2.0	538.3	500	7.7						
Aroclor-1016	15	2	4	936.6	1000	6.3	3797	4000	5.1	502.9	500	0.6						
Aroclor-1016	15	2	5	832	1000	16.8*	4026	4000	0.6	489.7	500	2.1						
Aroclor-1260	15	2	1	914.8	1000	8.5	3928	4000	1.8	536.6	500	7.3						
Aroclor-1260	15	2	2	938.5	1000	6.2	3916	4000	2.1	503.1	500	0.6						
Aroclor-1260	15	2	3	920	1000	8.0	4195	4000	4.9	484.9	500	3.0						
Aroclor-1260	15	2	4	889.3	1000	11.1	4429	4000	10.7	488.5	500	2.3						
Aroclor-1260	15	2	5	966.2	1000	3.4	4351	4000	8.8	511.6	500	2.3						
DCB-Surrogate	15	2	0	106.4	100	6.3	372.9	400	6.8	50.32	50	0.6						

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

Form7
RtWindow Summary

Method: EPA 608

			Data File:	2G42014.D		3G44505.D		5G20441.D		2G42435.D		3G44586.D	
			Calibration Name:	CAL 1660@50PPB		CAL 1660@50PPB		CAL 1660@50PPB		CAL 1660@1000PPB		CAL 1660@4000PPB	
			Calibration Date/Time	2/11/2009 4:50:00 AM		2/17/2009 8:14:00 PM		2/12/2009 9:26:00 AM		2/25/2009 9:36:00 AM		2/25/2009 9:02:00 AM	
Compound	Col	Mr		Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0		3.02	(2.96 - 3.08)	4.02	(3.96 - 4.08)	6.10	(6.04 - 6.16)	2.99	(2.93 - 3.05)	4.02	(3.96 - 4.08)
Aroclor-1016	1	1		3.55	(3.51 - 3.59)	4.51	(4.47 - 4.55)	6.92	(6.88 - 6.96)	3.52	(3.48 - 3.56)	4.52	(4.47 - 4.55)
Aroclor-1016	1	2		3.92	(3.88 - 3.96)	4.88	(4.84 - 4.92)	7.43	(7.39 - 7.47)	3.89	(3.85 - 3.93)	4.88	(4.84 - 4.92)
Aroclor-1016	1	3		4.38	(4.34 - 4.42)	5.34	(5.30 - 5.38)	8.03	(7.99 - 8.07)	4.34	(4.30 - 4.38)	5.35	(5.31 - 5.39)
Aroclor-1016	1	4		4.63	(4.59 - 4.67)	5.48	(5.44 - 5.52)	8.19	(8.15 - 8.23)	4.59	(4.55 - 4.63)	5.48	(5.44 - 5.52)
Aroclor-1016	1	5		4.74	(4.70 - 4.78)	5.59	(5.55 - 5.63)	8.32	(8.28 - 8.36)	4.70	(4.66 - 4.74)	5.59	(5.55 - 5.63)
Aroclor-1260	1	1		6.26	(6.22 - 6.30)	7.21	(7.17 - 7.25)	10.12	(10.08 - 10.16)	6.21	(6.17 - 6.25)	7.21	(7.17 - 7.25)
Aroclor-1260	1	2		6.51	(6.47 - 6.55)	7.46	(7.42 - 7.50)	10.38	(10.34 - 10.42)	6.47	(6.43 - 6.51)	7.46	(7.42 - 7.50)
Aroclor-1260	1	3		6.71	(6.67 - 6.75)	7.95	(7.91 - 7.99)	10.87	(10.83 - 10.91)	6.67	(6.63 - 6.71)	7.95	(7.91 - 7.99)
Aroclor-1260	1	4		7.30	(7.26 - 7.34)	8.25	(8.21 - 8.29)	11.16	(11.12 - 11.20)	7.26	(7.22 - 7.30)	8.25	(8.21 - 8.29)
Aroclor-1260	1	5		8.03	(7.99 - 8.07)	8.97	(8.93 - 9.01)	11.87	(11.83 - 11.91)	7.98	(7.94 - 8.02)	8.97	(8.93 - 9.01)
Aroclor-1221	1	1		3.35	(3.31 - 3.39)	4.31	(4.27 - 4.35)	6.62	(6.58 - 6.66)				
Aroclor-1221	1	2		3.50	(3.46 - 3.54)	4.45	(4.41 - 4.49)	6.83	(6.79 - 6.87)				
Aroclor-1221	1	3		3.56	(3.52 - 3.60)	4.51	(4.47 - 4.55)	6.92	(6.88 - 6.96)				
Aroclor-1232	1	1		3.56	(3.52 - 3.60)	4.51	(4.47 - 4.55)	6.92	(6.88 - 6.96)				
Aroclor-1232	1	2		3.92	(3.88 - 3.96)	4.88	(4.84 - 4.92)	7.43	(7.39 - 7.47)				
Aroclor-1232	1	3		4.38	(4.34 - 4.42)	5.34	(5.30 - 5.38)	8.03	(7.99 - 8.07)				
Aroclor-1232	1	4		4.52	(4.48 - 4.56)	5.48	(5.44 - 5.52)	8.19	(8.15 - 8.23)				
Aroclor-1232	1	5		4.99	(4.95 - 5.03)	5.94	(5.90 - 5.98)	8.43	(8.39 - 8.47)				
Aroclor-1242	1	1		3.56	(3.52 - 3.60)	4.51	(4.47 - 4.55)	6.92	(6.88 - 6.96)				
Aroclor-1242	1	2		3.92	(3.88 - 3.96)	4.88	(4.84 - 4.92)	7.43	(7.39 - 7.47)				
Aroclor-1242	1	3		4.38	(4.34 - 4.42)	5.34	(5.30 - 5.38)	8.03	(7.99 - 8.07)				
Aroclor-1242	1	4		4.74	(4.70 - 4.78)	5.71	(5.67 - 5.75)	8.43	(8.39 - 8.47)				
Aroclor-1242	1	5		4.99	(4.95 - 5.03)	5.94	(5.90 - 5.98)	8.74	(8.70 - 8.78)				
Aroclor-1248	1	1		3.92	(3.88 - 3.96)	4.88	(4.84 - 4.92)	7.43	(7.39 - 7.47)				
Aroclor-1248	1	2		4.38	(4.34 - 4.42)	5.34	(5.30 - 5.38)	8.03	(7.99 - 8.07)				
Aroclor-1248	1	3		4.74	(4.70 - 4.78)	5.69	(5.65 - 5.73)	8.43	(8.39 - 8.47)				
Aroclor-1248	1	4		5.09	(5.05 - 5.13)	5.94	(5.90 - 5.98)	8.74	(8.70 - 8.78)				
Aroclor-1248	1	5		5.67	(5.63 - 5.71)	6.05	(6.01 - 6.09)	8.85	(8.81 - 8.89)				
Aroclor-1254	1	1		5.99	(5.95 - 6.03)	7.06	(7.02 - 7.10)	9.95	(9.91 - 9.99)				
Aroclor-1254	1	2		6.10	(6.06 - 6.14)	7.22	(7.18 - 7.26)	10.12	(10.08 - 10.16)				
Aroclor-1254	1	3		6.51	(6.47 - 6.55)	7.46	(7.42 - 7.50)	10.38	(10.34 - 10.42)				
Aroclor-1254	1	4		6.71	(6.67 - 6.75)	7.72	(7.68 - 7.76)	10.63	(10.59 - 10.67)				
Aroclor-1254	1	5		6.92	(6.88 - 6.96)	7.86	(7.82 - 7.90)	10.77	(10.73 - 10.81)				
Aroclor-1262	1	1		6.93	(6.89 - 6.97)	7.46	(7.42 - 7.50)	10.38	(10.34 - 10.42)				
Aroclor-1262	1	2		7.96	(7.92 - 8.00)	8.90	(8.86 - 8.94)	11.80	(11.76 - 11.84)				
Aroclor-1262	1	3		8.03	(7.99 - 8.07)	8.97	(8.93 - 9.01)	11.86	(11.82 - 11.90)				
Aroclor-1262	1	4		8.72	(8.68 - 8.76)	9.71	(9.67 - 9.75)	12.53	(12.49 - 12.57)				
Aroclor-1262	1	5		9.05	(9.01 - 9.09)	10.09	(10.05 - 10.13)	12.84	(12.80 - 12.88)				
Aroclor-1268	1	1		7.27	(7.23 - 7.31)	8.16	(8.12 - 8.20)	11.07	(11.03 - 11.11)				
Aroclor-1268	1	2		7.32	(7.28 - 7.36)	8.25	(8.21 - 8.29)	11.16	(11.12 - 11.20)				
Aroclor-1268	1	3		7.65	(7.61 - 7.69)	8.57	(8.53 - 8.61)	11.48	(11.44 - 11.52)				
Aroclor-1268	1	4		8.35	(8.31 - 8.39)	9.15	(9.11 - 9.19)	12.04	(12.00 - 12.08)				
Aroclor-1268	1	5		8.41	(8.37 - 8.45)	9.26	(9.22 - 9.30)	12.13	(12.09 - 12.17)				
DCB-Surrogate	1	0		9.17	(9.11 - 9.23)	10.32	(10.26 - 10.38)	13.04	(12.98 - 13.10)	9.12	(9.06 - 9.18)	10.32	(10.26 - 10.38)
TCMX-Surrogate	2	0		2.95	(2.89 - 3.01)	4.06	(4.00 - 4.12)	6.13	(6.07 - 6.19)	2.93	(2.87 - 2.99)	4.06	(4.00 - 4.12)
Aroclor-1016	2	1		3.54	(3.50 - 3.58)	4.66	(4.62 - 4.70)	7.08	(7.04 - 7.12)	3.53	(3.49 - 3.57)	4.66	(4.62 - 4.70)
Aroclor-1016	2	2		3.95	(3.91 - 3.99)	5.08	(5.04 - 5.12)	7.65	(7.61 - 7.69)	3.93	(3.89 - 3.97)	5.08	(5.04 - 5.12)
Aroclor-1016	2	3		4.32	(4.28 - 4.36)	5.47	(5.43 - 5.51)	8.14	(8.10 - 8.18)	4.30	(4.26 - 4.34)	5.46	(5.42 - 5.50)
Aroclor-1016	2	4		4.64	(4.60 - 4.68)	5.79	(5.75 - 5.83)	8.34	(8.30 - 8.38)	4.62	(4.58 - 4.66)	5.79	(5.75 - 5.83)
Aroclor-1016	2	5		5.01	(4.97 - 5.05)	6.17	(6.13 - 6.21)	8.52	(8.48 - 8.56)	4.99	(4.95 - 5.03)	6.17	(6.13 - 6.21)
Aroclor-1260	2	1		6.30	(6.26 - 6.34)	7.48	(7.44 - 7.52)	10.34	(10.30 - 10.38)	6.29	(6.25 - 6.33)	7.48	(7.44 - 7.52)
Aroclor-1260	2	2		6.39	(6.35 - 6.43)	7.56	(7.52 - 7.60)	10.43	(10.39 - 10.47)	6.38	(6.34 - 6.42)	7.56	(7.52 - 7.60)
Aroclor-1260	2	3		7.02	(6.98 - 7.06)	8.56	(8.52 - 8.60)	11.42	(11.38 - 11.46)	7.00	(6.96 - 7.04)	8.56	(8.52 - 8.60)
Aroclor-1260	2	4		7.37	(7.33 - 7.41)	9.27	(9.23 - 9.31)	12.10	(12.06 - 12.14)	7.36	(7.32 - 7.40)	9.27	(9.23 - 9.31)
Aroclor-1260	2	5		8.07	(8.03 - 8.11)	9.90	(9.86 - 9.94)	12.63	(12.59 - 12.67)	8.06	(8.02 - 8.10)	9.90	(9.86 - 9.94)
Aroclor-1221	2	1		3.33	(3.29 - 3.37)	4.44	(4.40 - 4.48)	6.78	(6.74 - 6.82)				
Aroclor-1221	2	2		3.49	(3.45 - 3.53)	4.59	(4.55 - 4.63)	6.99	(6.95 - 7.03)				
Aroclor-1221	2	3		3.54	(3.50 - 3.58)	4.65	(4.61 - 4.69)	7.08	(7.04 - 7.12)				
Aroclor-1232	2	1		3.54	(3.50 - 3.58)	4.66	(4.62 - 4.70)	7.08	(7.04 - 7.12)				
Aroclor-1232	2	2		3.95	(3.91 - 3.99)	5.08	(5.04 - 5.12)	7.65	(7.61 - 7.69)				
Aroclor-1232	2	3		4.32	(4.28 - 4.36)	5.47	(5.43 - 5.51)	8.14	(8.10 - 8.18)				
Aroclor-1232	2	4		4.49	(4.45 - 4.53)	5.65	(5.61 - 5.69)	8.34	(8.30 - 8.38)				
Aroclor-1232	2	5		5.14	(5.10 - 5.18)	6.17	(6.13 - 6.21)	8.53	(8.49 - 8.57)				
Aroclor-1242	2	1		3.54	(3.50 - 3.58)	4.66	(4.62 - 4.70)	7.09	(7.05 - 7.13)				
Aroclor-1242	2	2		3.95	(3.91 - 3.99)	5.08	(5.04 - 5.12)	7.65	(7.61 - 7.69)				
Aroclor-1242	2	3		4.32	(4.28 - 4.36)	5.46	(5.42 - 5.50)	8.14	(8.10 - 8.18)				
Aroclor-1242	2	4		4.64	(4.60 - 4.68)	5.79	(5.75 - 5.83)	8.53	(8.49 - 8.57)				
Aroclor-1242	2	5		5.65	(5.61 - 5.69)	6.17	(6.13 - 6.21)	8.94	(8.90 - 8.98)				
Aroclor-1248	2	1		3.95	(3.91 - 3.99)	5.08	(5.04 - 5.12)	7.65	(7.61 - 7.69)				
Aroclor-1248	2	2		4.32	(4.28 - 4.36)	5.46	(5.42 - 5.50)	8.12	(8.08 - 8.16)				
Aroclor-1248	2	3		4.64	(4.60 - 4.68)	5.79	(5.75 - 5.83)	8.53	(8.49 - 8.57)				
Aroclor-1248	2	4		5.14	(5.10 - 5.18)	6.17	(6.13 - 6.21)	8.94	(8.90 - 8.98)				
Aroclor-1248	2	5		5.27	(5.23 - 5.31)	6.53	(6.49 - 6.57)	9.35	(9.31 - 9.39)				
Aroclor-1254	2	1		5.51	(5.47 - 5.55)	6.67	(6.63 - 6.71)	9.50	(9.46 - 9.54)				
Aroclor-1254	2	2		5.83	(5.79 - 5.87)	7.09	(7.05 - 7.13)	9.93	(9.89 - 9.97)				
Aroclor-1254	2	3		6.22	(6.18 - 6.26)	7.48	(7.44 - 7.52)	10.34	(10.30 - 10.38)				
Aroclor-1254	2	4		6.91	(6.87 - 6.95)	7.92	(7.88 - 7.96)	10.79	(10.75 - 10.83)				
Aroclor-1254	2	5		7.42	(7.38 - 7.46)	8.62	(8.58 - 8.66)	11.47	(11.43 - 11.51)				
Aroclor-1262	2	1		6.91	(6.87 - 6.95)	7.99	(7.95 - 8.03)	10.85	(10.81 - 10.89)				
Aroclor-1262	2	2		7.97	(7.93 - 8.01)	9.16	(9.12 - 9.20)	12.00	(11.96 - 12.04)				
Aroclor-1262	2	3		8.04	(8.00 - 8.08)	9.27	(9.23 - 9.31)	12.10	(12.06 - 12.14)				
Aroclor-1262	2	4		8.60	(8.56 - 8.64)	9.90	(9.86 - 9.94)	12.63	(12.59 - 12.67)				
Aroclor-1262	2	5		9.03	(8.99 - 9.07)	10.48	(10.44 - 10.52)	13.11	(13.07 - 13.15)				
Aroclor-1268	2	1		7.37	(7.33 - 7.41)	8.52	(8.48 - 8.56)	11.38	(11.34 - 11.42)				
Aroclor-1268	2	2		7.47	(7.43 - 7.51)	8.66	(8.62 - 8.70)	11.51	(11.47 - 11.55)				
Aroclor-1268	2	3		7.51	(7.47 - 7.55)	8.70	(8.66 - 8.74)	11.56	(11.52 - 11.60)				
Aroclor-1268	2	4		8.38	(8.34 - 8.42)	9.63	(9.59 - 9.67)	12.40	(12.36 - 12.44)				
Aroclor-1268	2	5		8.53	(8.49 - 8.57)	9.80	(9.76 - 9.84)	12.54	(12.50 - 12.58)				
DCB-Surrogate	2	0		9.44	(9.38 - 9.50)	11.06	(11.00 - 11.12)	13.58	(13.52 - 13.64)	9.42	(9.36 - 9.48)	11.06	(11.00 - 11.12)

Form7
RtWindow Summary

Method: EPA 608

Data File:			5G20605.D								
Calibration Name:			CAL 1660@500PPB								
Calibration Date/Time			2/19/2009 7:50:00 AM								
Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	6.10	(6.04 - 6.16)								
Aroclor-1016	1	1	6.92	(6.88 - 6.96)								
Aroclor-1016	1	2	7.43	(7.39 - 7.47)								
Aroclor-1016	1	3	8.03	(7.99 - 8.07)								
Aroclor-1016	1	4	8.19	(8.15 - 8.23)								
Aroclor-1016	1	5	8.32	(8.28 - 8.36)								
Aroclor-1260	1	1	10.11	(10.07 - 10.15)								
Aroclor-1260	1	2	10.37	(10.33 - 10.41)								
Aroclor-1260	1	3	10.86	(10.82 - 10.90)								
Aroclor-1260	1	4	11.16	(11.12 - 11.20)								
Aroclor-1260	1	5	11.87	(11.83 - 11.91)								
Aroclor-1221	1	1										
Aroclor-1221	1	2										
Aroclor-1221	1	3										
Aroclor-1232	1	1										
Aroclor-1232	1	2										
Aroclor-1232	1	3										
Aroclor-1232	1	4										
Aroclor-1232	1	5										
Aroclor-1242	1	1										
Aroclor-1242	1	2										
Aroclor-1242	1	3										
Aroclor-1242	1	4										
Aroclor-1242	1	5										
Aroclor-1248	1	1										
Aroclor-1248	1	2										
Aroclor-1248	1	3										
Aroclor-1248	1	4										
Aroclor-1248	1	5										
Aroclor-1254	1	1										
Aroclor-1254	1	2										
Aroclor-1254	1	3										
Aroclor-1254	1	4										
Aroclor-1254	1	5										
Aroclor-1262	1	1										
Aroclor-1262	1	2										
Aroclor-1262	1	3										
Aroclor-1262	1	4										
Aroclor-1262	1	5										
Aroclor-1268	1	1										
Aroclor-1268	1	2										
Aroclor-1268	1	3										
Aroclor-1268	1	4										
Aroclor-1268	1	5										
DCB-Surrogate	1	0	13.04	(12.98 - 13.10)								
TCMX-Surrogate	2	0	6.13	(6.07 - 6.19)								
Aroclor-1016	2	1	7.08	(7.04 - 7.12)								
Aroclor-1016	2	2	7.65	(7.61 - 7.69)								
Aroclor-1016	2	3	8.13	(8.09 - 8.17)								
Aroclor-1016	2	4	8.34	(8.30 - 8.38)								
Aroclor-1016	2	5	8.52	(8.48 - 8.56)								
Aroclor-1260	2	1	10.34	(10.30 - 10.38)								
Aroclor-1260	2	2	10.43	(10.39 - 10.47)								
Aroclor-1260	2	3	11.41	(11.37 - 11.45)								
Aroclor-1260	2	4	12.10	(12.06 - 12.14)								
Aroclor-1260	2	5	12.63	(12.59 - 12.67)								
Aroclor-1221	2	1										
Aroclor-1221	2	2										
Aroclor-1221	2	3										
Aroclor-1232	2	1										
Aroclor-1232	2	2										
Aroclor-1232	2	3										
Aroclor-1232	2	4										
Aroclor-1232	2	5										
Aroclor-1242	2	1										
Aroclor-1242	2	2										
Aroclor-1242	2	3										
Aroclor-1242	2	4										
Aroclor-1242	2	5										
Aroclor-1248	2	1										
Aroclor-1248	2	2										
Aroclor-1248	2	3										
Aroclor-1248	2	4										
Aroclor-1248	2	5										
Aroclor-1254	2	1										
Aroclor-1254	2	2										
Aroclor-1254	2	3										
Aroclor-1254	2	4										
Aroclor-1254	2	5										
Aroclor-1262	2	1										
Aroclor-1262	2	2										
Aroclor-1262	2	3										
Aroclor-1262	2	4										
Aroclor-1262	2	5										
Aroclor-1268	2	1										
Aroclor-1268	2	2										
Aroclor-1268	2	3										
Aroclor-1268	2	4										
Aroclor-1268	2	5										
DCB-Surrogate	2	0	13.57	(13.51 - 13.63)								

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42435.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:36
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB:0.5
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 09:52:11 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:37:45 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.990	2.934	1066336	1322081	90.625	97.930
2)Aroclor-1016 {1}	3.523	3.526	255241	297216	954.744	866.843
3)Aroclor-1016 {2}	3.886	3.933	443784	598999	922.197	879.739
4)Aroclor-1016 {3}	4.343	4.303	894077	1216655	911.397	925.559
5)Aroclor-1016 {4}	4.588	4.624	304012	538877	937.972	936.637
6)Aroclor-1016 {5}	4.701	4.989	606065	370942	906.442	831.982
7)Aroclor-1260 {1}	6.214	6.289	506987	698327	864.639m	914.833
8)Aroclor-1260 {2}	6.467	6.378	609616	750548	885.148m	938.450
9)Aroclor-1260 {3}	6.667	7.002	346892	287466	838.618m	919.964m
10)Aroclor-1260 {4}	7.255	7.356	465250	492036	851.824m	889.318m
11)Aroclor-1260 {5}	7.984	8.056	700289	636645	849.243m	966.181
45)DCB-Surrogate	9.117	9.421	892747	1319198	88.210m	106.352m

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

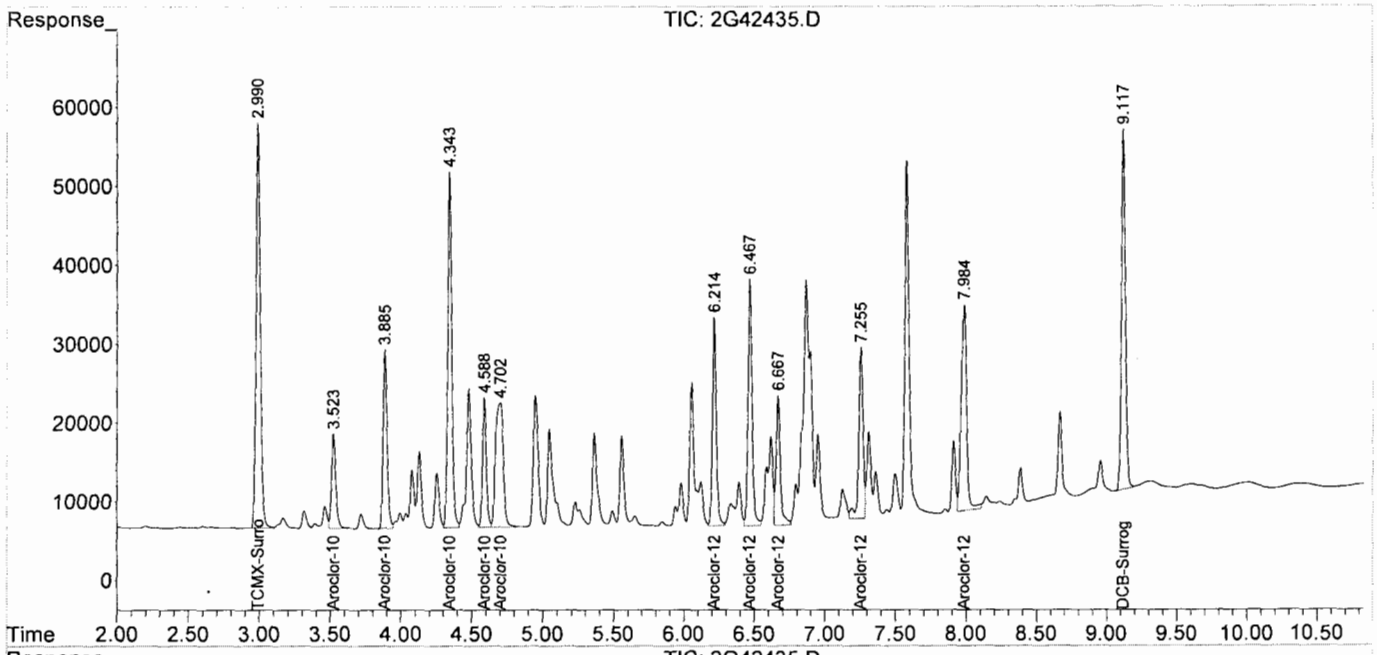
MJ

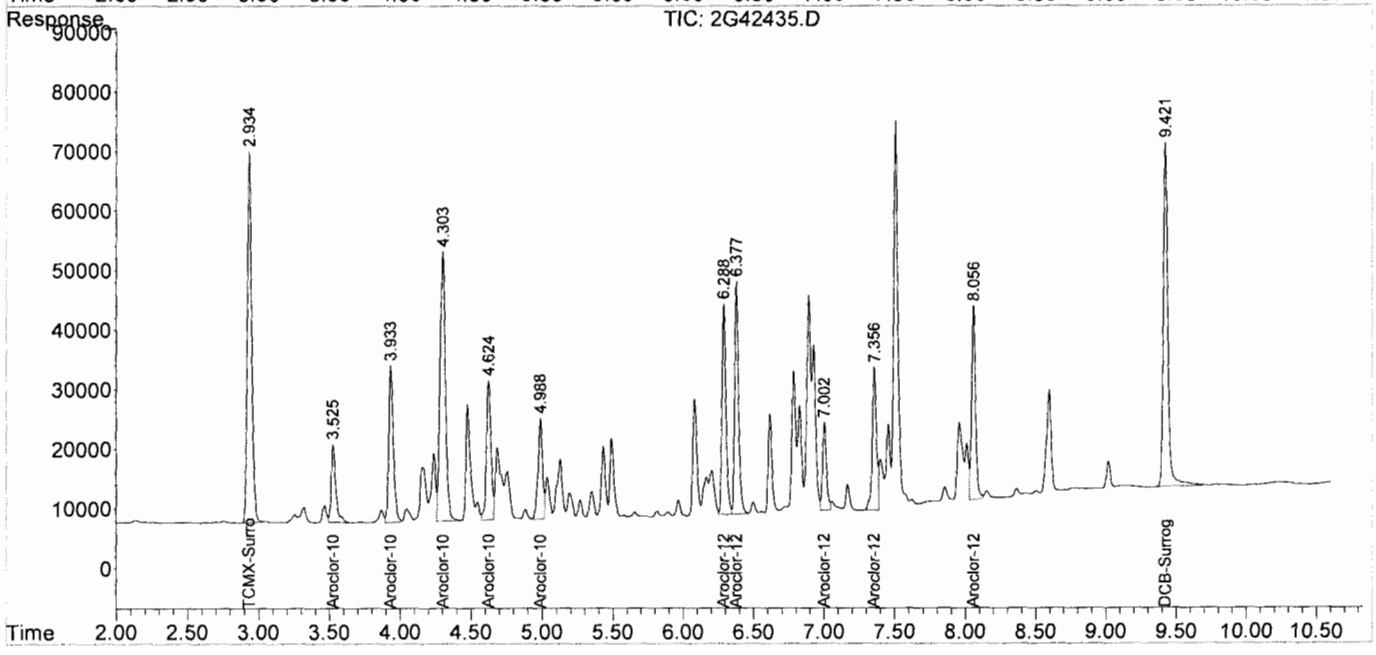
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42435.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:36
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB:0.5
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 09:52:11 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:37:45 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-25-09\
Data File : 3G44586.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:02
Operator : MS
Sample : CAL 1660@4000PPB
Misc : S,PCB:0.125
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 09:18:55 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:51:24 2009
Response via : Initial Calibration
Integrator: ChemStation

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

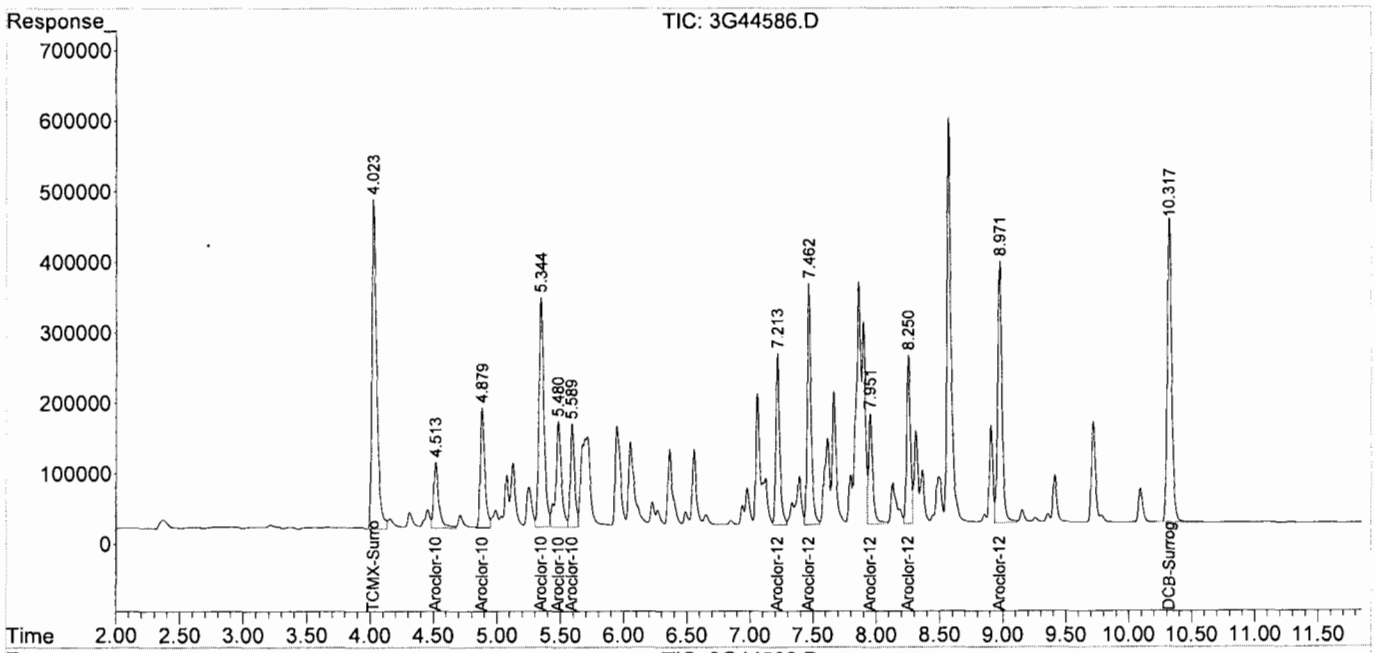
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.024	4.056	12180173	3199648	373.832	405.823
2)Aroclor-1016 {1}	4.515	4.656	2680687	594625	3849.399	4248.505
3)Aroclor-1016 {2}	4.880	5.079	4338472	1215448	3624.345	4078.239m
4)Aroclor-1016 {3}	5.345	5.464	8964495	1927775	3600.679	4078.426m
5)Aroclor-1016 {4}	5.481	5.791	4630246	908667	3437.294	3796.887m
6)Aroclor-1016 {5}	5.590	6.165	3367801	732018	3472.443	4025.975m
7)Aroclor-1260 {1}	7.214	7.479	5216065	1605253	3385.955	3927.772m
8)Aroclor-1260 {2}	7.463	7.560	7226001	1715150	3700.832	3915.802m
9)Aroclor-1260 {3}	7.952	8.557	3720010	1720404	3701.829	4194.720m
10)Aroclor-1260 {4}	8.252	9.272	4897116	1498419	3446.255	4429.094m#
11)Aroclor-1260 {5}	8.972	9.896	8969923	1033166	3649.483	4350.557m
45)DCB-Surrogate	10.318	11.058	10763668	3280933	349.371	372.911

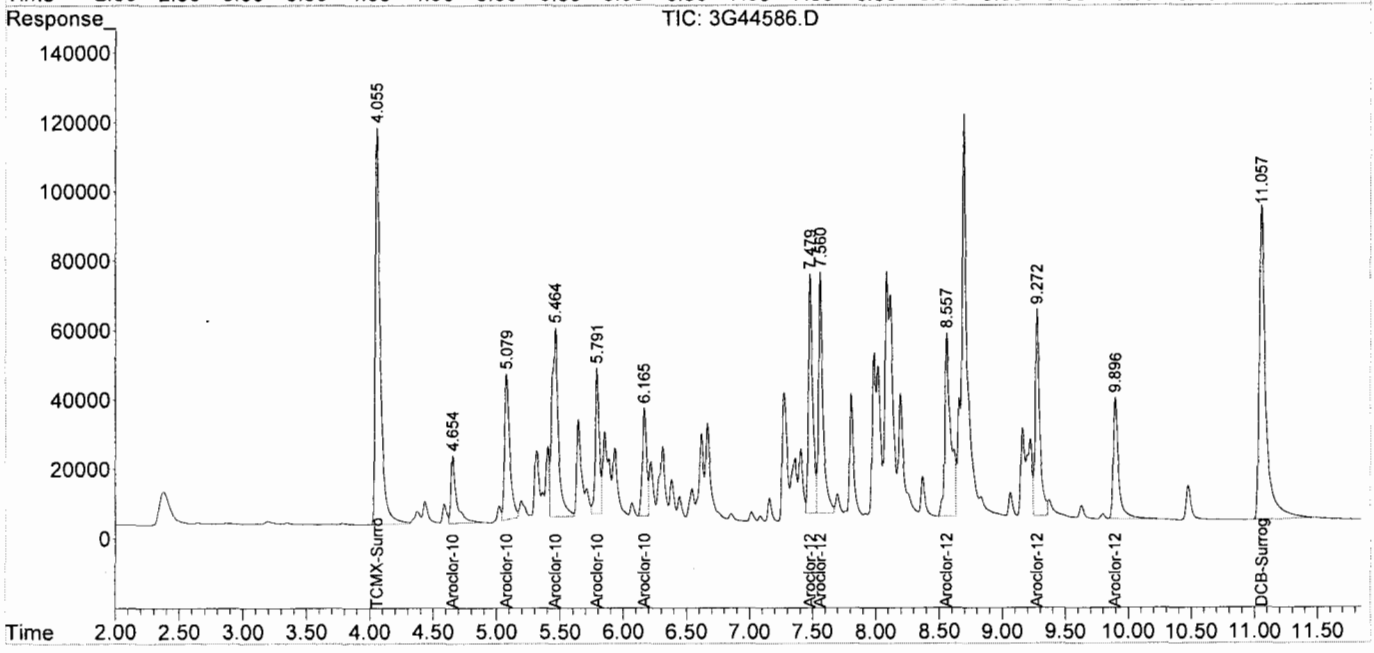
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_3\Data\02-25-09\
Data File : 3G44586.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:02
Operator : MS
Sample : CAL 1660@4000PPB
Misc : S,PCB:0.125
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 09:18:55 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:51:24 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20605.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 7:50
Operator : JP
Sample : CAL 1660@500PPB
Misc : W,PCB
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 08:49:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.129	1836.9E6	1189.6E6	52.216m	52.474m
2)Aroclor-1016 {1}	6.921	7.081	333.0E6	175.6E6	580.071	489.344
3)Aroclor-1016 {2}	7.430	7.646	569.4E6	468.5E6	481.563	558.351
4)Aroclor-1016 {3}	8.028	8.134	1457.1E6	615.7E6	514.497	538.310m
5)Aroclor-1016 {4}	8.186	8.339	566.2E6	263.5E6	570.344	502.856m
6)Aroclor-1016 {5}	8.316	8.522	442.3E6	400.3E6	535.662	489.745m
7)Aroclor-1260 {1}	10.113	10.339	822.6E6	601.5E6	519.061m	536.579
8)Aroclor-1260 {2}	10.374	10.431	1090.1E6	649.5E6	518.610m	503.077
9)Aroclor-1260 {3}	10.864	11.415	429.1E6	394.8E6	510.917m	484.905m
10)Aroclor-1260 {4}	11.159	12.097	714.4E6	529.7E6	491.023m	488.485m
11)Aroclor-1260 {5}	11.867	12.628	1289.4E6	360.4E6	510.634m	511.642m
45)DCB-Surrogate	13.036	13.573	1572.7E6	979.4E6	51.227m	50.317m

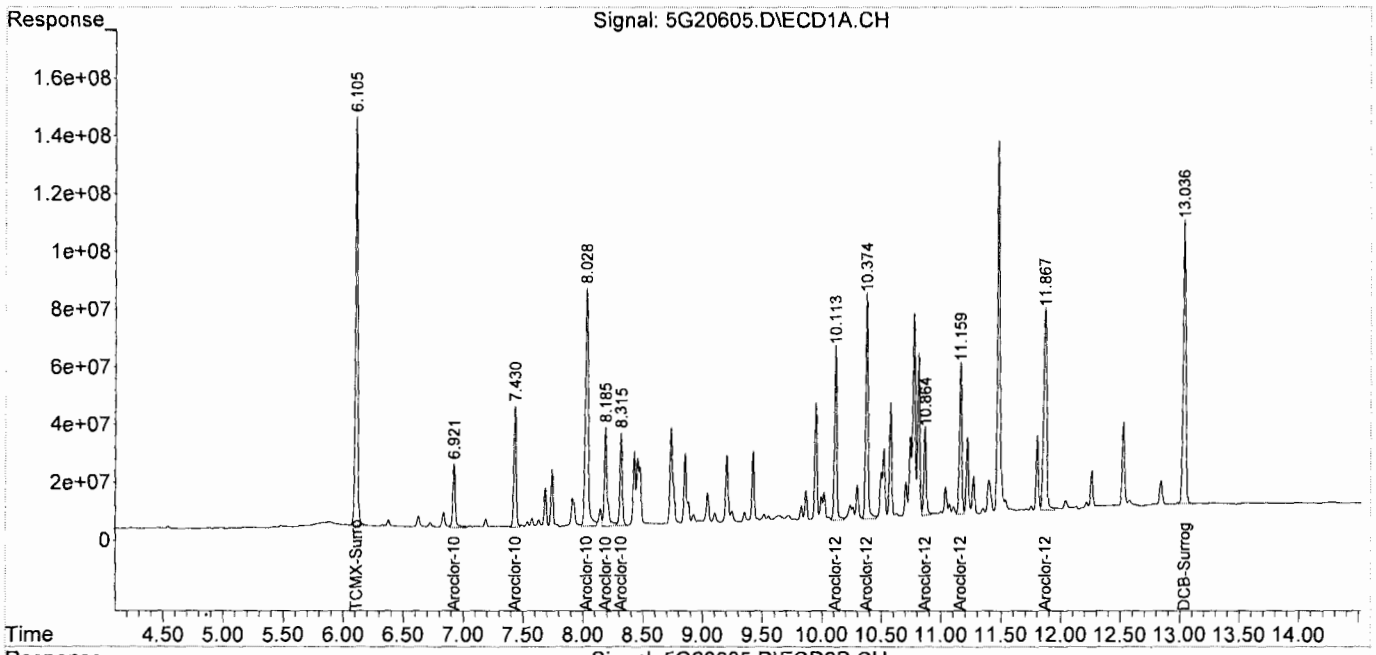
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

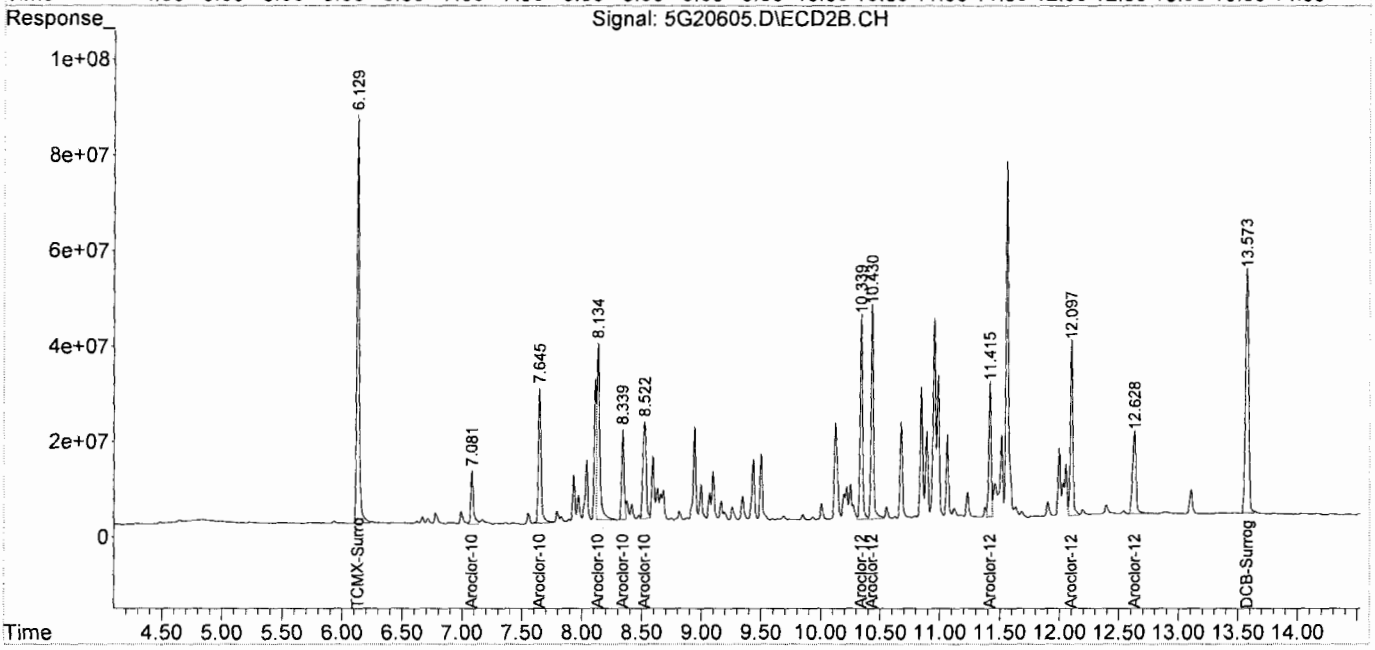
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20605.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 7:50
Operator : JP
Sample : CAL 1660@500PPB
Misc : W,PCB
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 08:49:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Form7
Continuing Calibration

Method: EPA 8082

Data File:				2G42453.D			2G42466.D										
Method:				8082			8082										
Calibration Name:				CAL 1660@1000PP			CAL 1660@500PP										
Calibration Date/Time				02/25/09 16:28			02/25/09 19:50										
					Conc			Conc			Conc			Conc			Conc	
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	90.34	100	9.7	46.68	50	6.6									
Aroclor-1016	15	1	1	915.9	1000	8.4	534.1	500	6.8									
Aroclor-1016	15	1	2	931.4	1000	6.9	522.9	500	4.6									
Aroclor-1016	15	1	3	942.3	1000	5.8	526.7	500	5.3									
Aroclor-1016	15	1	4	925.4	1000	7.5	539.8	500	8.0									
Aroclor-1016	15	1	5	878.3	1000	12.2	523.1	500	4.6									
Aroclor-1260	15	1	1	962.7	1000	3.7	488	500	2.4									
Aroclor-1260	15	1	2	865.3	1000	13.5	506.8	500	1.4									
Aroclor-1260	15	1	3	796.7	1000	20.3*	444.4	500	11.1									
Aroclor-1260	15	1	4	793.8	1000	20.6*	444.9	500	11.0									
Aroclor-1260	15	1	5	875.9	1000	12.4	431	500	13.8									
DCB-Surrogate	15	1	0	100.5	100	0.5	50.02	50	0.0									
Average Difference	15	1	0			10.1			6.3									
TCMX-Surrogate	15	2	0	96.89	100	3.1	46.74	50	6.5									
Aroclor-1016	15	2	1	818.5	1000	18.1*	457.5	500	8.5									
Aroclor-1016	15	2	2	837.6	1000	16.2*	475.1	500	5.0									
Aroclor-1016	15	2	3	919.9	1000	8.0	498.1	500	0.4									
Aroclor-1016	15	2	4	867.5	1000	13.3	500.1	500	0.0									
Aroclor-1016	15	2	5	821.6	1000	17.8*	444.6	500	11.1									
Aroclor-1260	15	2	1	932.1	1000	6.8	495.7	500	0.9									
Aroclor-1260	15	2	2	982.4	1000	1.8	512.1	500	2.4									
Aroclor-1260	15	2	3	1205	1000	20.5*	634	500	26.8*									
Aroclor-1260	15	2	4	1155	1000	15.5*	578.2	500	15.6*									
Aroclor-1260	15	2	5	1096	1000	9.6	510.8	500	2.2									
DCB-Surrogate	15	2	0	114.4	100	14.4	52.44	50	4.9									
Average Difference	15	2	0			12.1			7.0									

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

Form7

RtWindow Summary

Method: EPA 8082

			2G42014.D		2G42453.D					
Data File:										
Calibration Name:			CAL 1660@50PPB		CAL 1660@1000PPB					
Calibration Date/Time			2/11/2009 4:50:00 AM		2/25/2009 4:28:00 PM					
Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	3.02	(2.96 - 3.08)	3.00	(2.94 - 3.06)				
Aroclor-1016	1	1	3.55	(3.51 - 3.59)	3.54	(3.50 - 3.58)				
Aroclor-1016	1	2	3.92	(3.88 - 3.96)	3.90	(3.86 - 3.94)				
Aroclor-1016	1	3	4.38	(4.34 - 4.42)	4.36	(4.32 - 4.40)				
Aroclor-1016	1	4	4.63	(4.59 - 4.67)	4.61	(4.57 - 4.65)				
Aroclor-1016	1	5	4.74	(4.70 - 4.78)	4.72	(4.68 - 4.76)				
Aroclor-1260	1	1	6.26	(6.22 - 6.30)	6.24	(6.20 - 6.28)				
Aroclor-1260	1	2	6.51	(6.47 - 6.55)	6.49	(6.45 - 6.53)				
Aroclor-1260	1	3	6.71	(6.67 - 6.75)	6.69	(6.65 - 6.73)				
Aroclor-1260	1	4	7.30	(7.26 - 7.34)	7.28	(7.24 - 7.32)				
Aroclor-1260	1	5	8.03	(7.99 - 8.07)	8.01	(7.97 - 8.05)				
Aroclor-1221	1	1	3.35	(3.31 - 3.39)						
Aroclor-1221	1	2	3.50	(3.46 - 3.54)						
Aroclor-1221	1	3	3.56	(3.52 - 3.60)						
Aroclor-1232	1	1	3.56	(3.52 - 3.60)						
Aroclor-1232	1	2	3.92	(3.88 - 3.96)						
Aroclor-1232	1	3	4.38	(4.34 - 4.42)						
Aroclor-1232	1	4	4.52	(4.48 - 4.56)						
Aroclor-1232	1	5	4.99	(4.95 - 5.03)						
Aroclor-1242	1	1	3.56	(3.52 - 3.60)						
Aroclor-1242	1	2	3.92	(3.88 - 3.96)						
Aroclor-1242	1	3	4.38	(4.34 - 4.42)						
Aroclor-1242	1	4	4.74	(4.70 - 4.78)						
Aroclor-1242	1	5	4.99	(4.95 - 5.03)						
Aroclor-1248	1	1	3.92	(3.88 - 3.96)						
Aroclor-1248	1	2	4.38	(4.34 - 4.42)						
Aroclor-1248	1	3	4.74	(4.70 - 4.78)						
Aroclor-1248	1	4	5.09	(5.05 - 5.13)						
Aroclor-1248	1	5	5.67	(5.63 - 5.71)						
Aroclor-1254	1	1	5.99	(5.95 - 6.03)						
Aroclor-1254	1	2	6.10	(6.06 - 6.14)						
Aroclor-1254	1	3	6.51	(6.47 - 6.55)						
Aroclor-1254	1	4	6.71	(6.67 - 6.75)						
Aroclor-1254	1	5	6.92	(6.88 - 6.96)						
Aroclor-1262	1	1	6.93	(6.89 - 6.97)						
Aroclor-1262	1	2	7.96	(7.92 - 8.00)						
Aroclor-1262	1	3	8.03	(7.99 - 8.07)						
Aroclor-1262	1	4	8.72	(8.68 - 8.76)						
Aroclor-1262	1	5	9.05	(9.01 - 9.09)						
Aroclor-1268	1	1	7.27	(7.23 - 7.31)						
Aroclor-1268	1	2	7.32	(7.28 - 7.36)						
Aroclor-1268	1	3	7.65	(7.61 - 7.69)						
Aroclor-1268	1	4	8.35	(8.31 - 8.39)						
Aroclor-1268	1	5	8.41	(8.37 - 8.45)						
DCB-Surrogate	1	0	9.17	(9.11 - 9.23)	9.14	(9.08 - 9.20)				
TCMX-Surrogate	2	0	2.95	(2.89 - 3.01)	2.94	(2.88 - 3.00)				
Aroclor-1016	2	1	3.54	(3.50 - 3.58)	3.54	(3.50 - 3.58)				
Aroclor-1016	2	2	3.95	(3.91 - 3.99)	3.94	(3.90 - 3.98)				
Aroclor-1016	2	3	4.32	(4.28 - 4.36)	4.32	(4.28 - 4.36)				
Aroclor-1016	2	4	4.64	(4.60 - 4.68)	4.64	(4.60 - 4.68)				
Aroclor-1016	2	5	5.01	(4.97 - 5.05)	5.00	(4.96 - 5.04)				
Aroclor-1260	2	1	6.30	(6.26 - 6.34)	6.31	(6.26 - 6.34)				
Aroclor-1260	2	2	6.39	(6.35 - 6.43)	6.40	(6.36 - 6.44)				
Aroclor-1260	2	3	7.02	(6.98 - 7.06)	7.02	(6.98 - 7.06)				
Aroclor-1260	2	4	7.37	(7.33 - 7.41)	7.37	(7.33 - 7.41)				
Aroclor-1260	2	5	8.07	(8.03 - 8.11)	8.08	(8.04 - 8.12)				
Aroclor-1221	2	1	3.33	(3.29 - 3.37)						
Aroclor-1221	2	2	3.49	(3.45 - 3.53)						
Aroclor-1221	2	3	3.54	(3.50 - 3.58)						
Aroclor-1232	2	1	3.54	(3.50 - 3.58)						
Aroclor-1232	2	2	3.95	(3.91 - 3.99)						
Aroclor-1232	2	3	4.32	(4.28 - 4.36)						
Aroclor-1232	2	4	4.49	(4.45 - 4.53)						
Aroclor-1232	2	5	5.14	(5.10 - 5.18)						
Aroclor-1242	2	1	3.54	(3.50 - 3.58)						
Aroclor-1242	2	2	3.95	(3.91 - 3.99)						
Aroclor-1242	2	3	4.32	(4.28 - 4.36)						
Aroclor-1242	2	4	4.64	(4.60 - 4.68)						
Aroclor-1242	2	5	5.65	(5.61 - 5.69)						
Aroclor-1248	2	1	3.95	(3.91 - 3.99)						
Aroclor-1248	2	2	4.32	(4.28 - 4.36)						
Aroclor-1248	2	3	4.64	(4.60 - 4.68)						
Aroclor-1248	2	4	5.14	(5.10 - 5.18)						
Aroclor-1248	2	5	5.27	(5.23 - 5.31)						
Aroclor-1254	2	1	5.51	(5.47 - 5.55)						
Aroclor-1254	2	2	5.83	(5.79 - 5.87)						
Aroclor-1254	2	3	6.22	(6.18 - 6.26)						
Aroclor-1254	2	4	6.91	(6.87 - 6.95)						
Aroclor-1254	2	5	7.42	(7.38 - 7.46)						
Aroclor-1262	2	1	6.91	(6.87 - 6.95)						
Aroclor-1262	2	2	7.97	(7.93 - 8.01)						
Aroclor-1262	2	3	8.04	(8.00 - 8.08)						
Aroclor-1262	2	4	8.60	(8.56 - 8.64)						
Aroclor-1262	2	5	9.03	(8.99 - 9.07)						
Aroclor-1268	2	1	7.37	(7.33 - 7.41)						
Aroclor-1268	2	2	7.47	(7.43 - 7.51)						
Aroclor-1268	2	3	7.51	(7.47 - 7.55)						
Aroclor-1268	2	4	8.38	(8.34 - 8.42)						
Aroclor-1268	2	5	8.53	(8.49 - 8.57)						
DCB-Surrogate	2	0	9.44	(9.38 - 9.50)	9.44	(9.38 - 9.50)				

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42453.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 16:28
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB:0.5
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 16:44:00 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.003	2.944	1062991	1308041	90.340	96.890
2)Aroclor-1016 {1}	3.536	3.536	245356	281099	915.933m	818.541
3)Aroclor-1016 {2}	3.901	3.945	448014	571237	931.378	837.550
4)Aroclor-1016 {3}	4.361	4.315	923566	1209426	942.318	919.926
5)Aroclor-1016 {4}	4.606	4.639	299943	499074	925.418	867.454
6)Aroclor-1016 {5}	4.718	5.001	587737	366427	878.334	821.611
7)Aroclor-1260 {1}	6.236	6.305	562894	711188	962.649	932.052
8)Aroclor-1260 {2}	6.492	6.398	596303	784953	865.337	982.348
9)Aroclor-1260 {3}	6.689	7.023	329542	376411	796.673	1204.607 #
10)Aroclor-1260 {4}	7.279	7.375	433541	639194	793.769	1155.294 #
11)Aroclor-1260 {5}	8.008	8.075	722274	722263	875.905	1096.116m#
45)DCB-Surrogate	9.144	9.445	1017422	1419494	100.529m	114.438

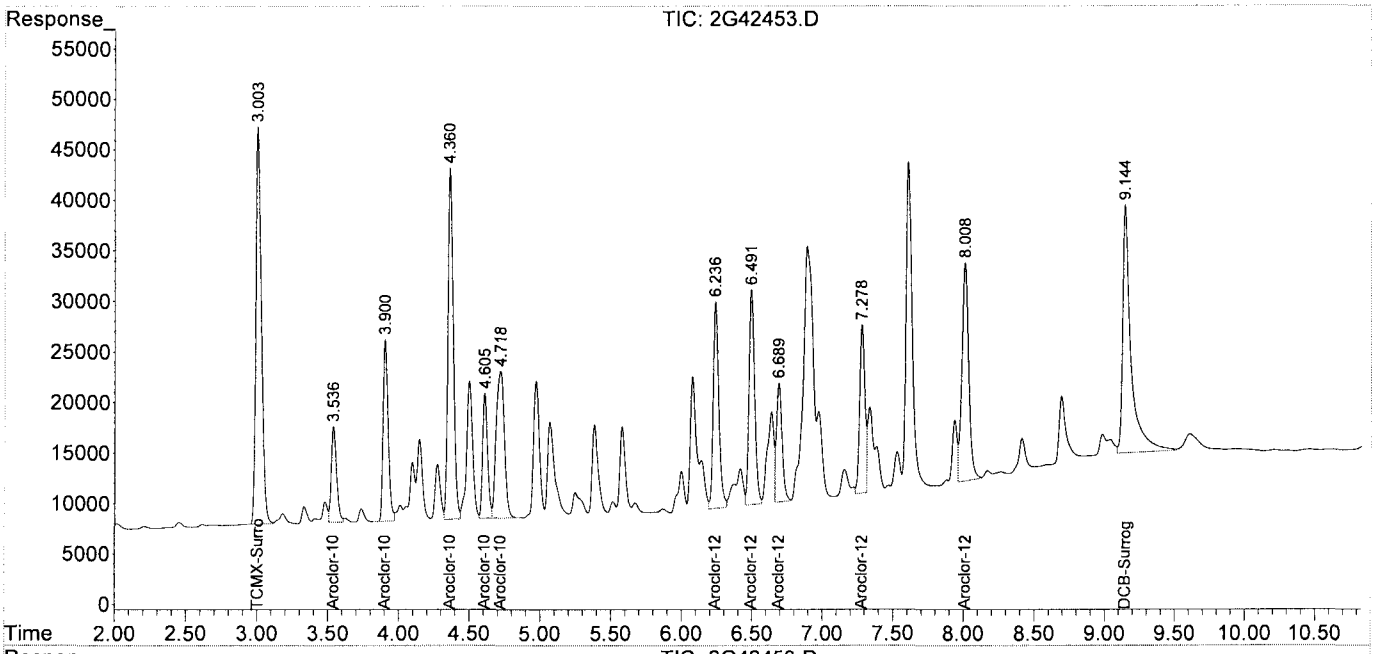
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

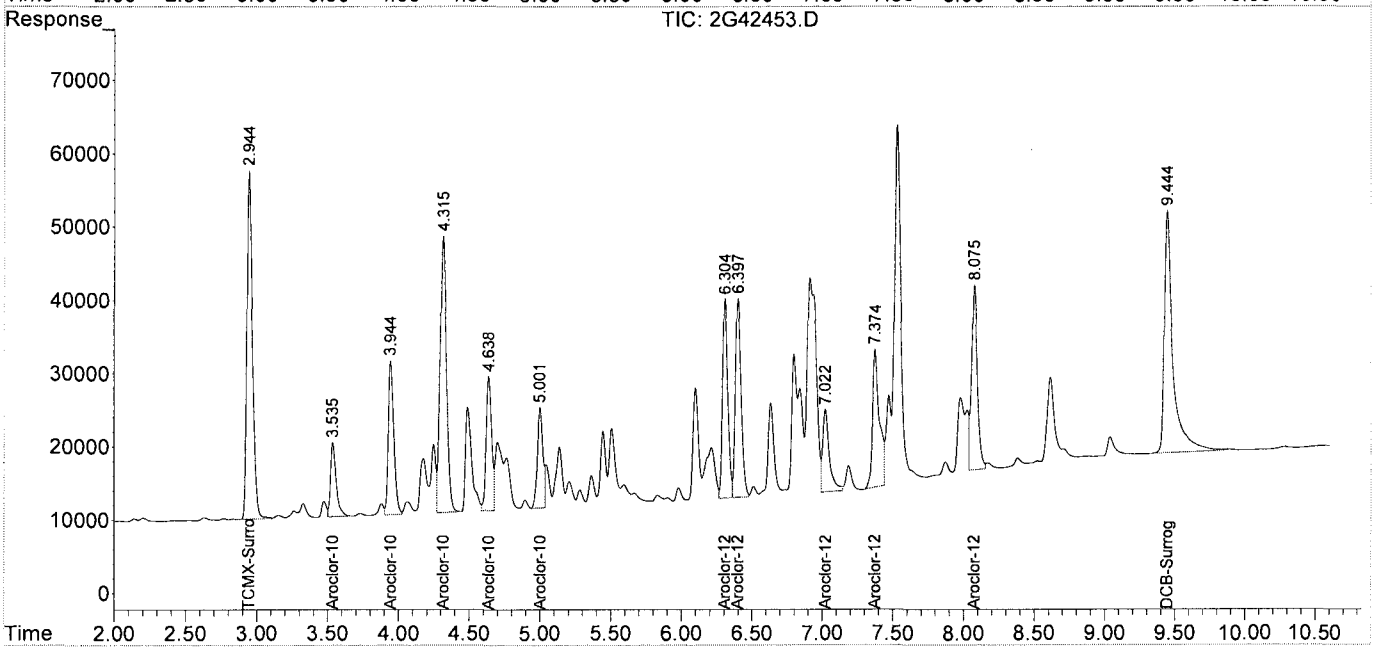
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42453.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 16:28
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB:0.5
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 16:44:00 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42466.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 19:50
Operator : JP
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:40:59 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.999	2.942	549297	631062	46.683	46.745m
2)Aroclor-1016 {1}	3.532	3.534	145871	158973	534.049	457.510
3)Aroclor-1016 {2}	3.895	3.942	256236	328751	522.927	475.134
4)Aroclor-1016 {3}	4.355	4.312	522565	661944	526.705	498.098
5)Aroclor-1016 {4}	4.600	4.636	174965	287701	539.821	500.061
6)Aroclor-1016 {5}	4.711	4.999	353531	200436	523.098	444.623
7)Aroclor-1260 {1}	6.230	6.302	289174	382077	487.978	495.740
8)Aroclor-1260 {2}	6.485	6.395	352709	413091	506.753	512.058
9)Aroclor-1260 {3}	6.683	7.018	183834	198106	444.421	633.987m#
10)Aroclor-1260 {4}	7.273	7.371	242971	319886	444.854m	578.169 #
11)Aroclor-1260 {5}	8.002	8.071	355375	336566	430.965	510.777m
45)DCB-Surrogate	9.139	9.439	506249	650479	50.021m	52.441m

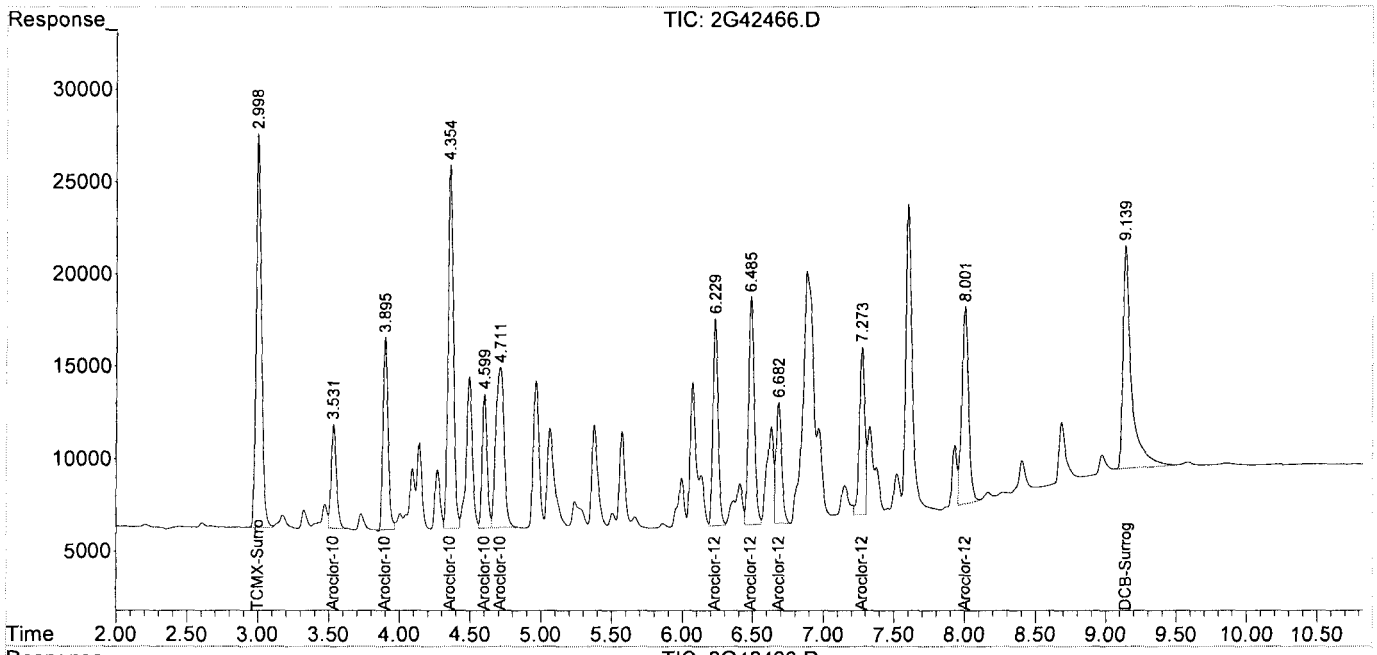
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

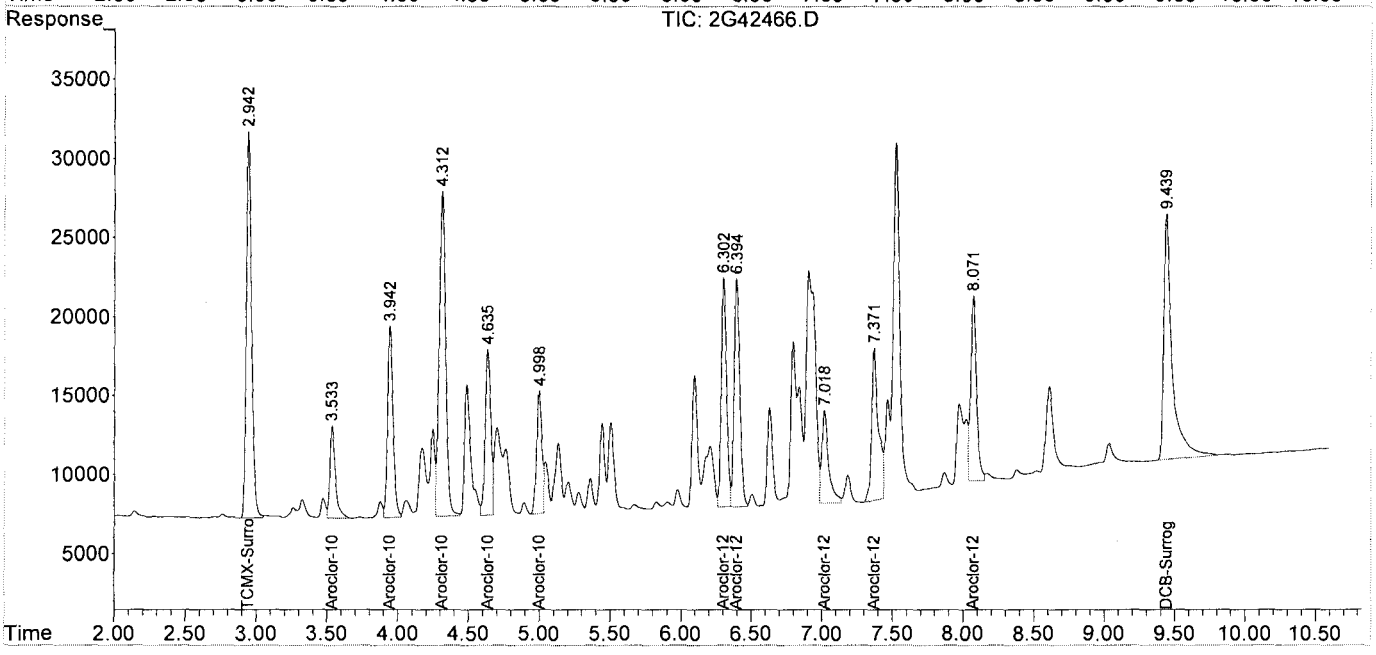
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42466.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 19:50
Operator : JP
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:40:59 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





GC PCB Data
Raw QC Data

Form1

ORGANICS PCB REPORT

Sample Number: WMB3484
Client Id:
Data File: 3G44588.D
Analysis Date: 02/25/09 09:37
Date Rec/Extracted: NA-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U				

Worksheet #: 110014

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_3\Data\02-25-09\
Data File : 3G44588.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:37
Operator : MS
Sample : WMB3484
Misc : A,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 10:05:38 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:51:24 2009
Response via : Initial Calibration
Integrator: ChemStation

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

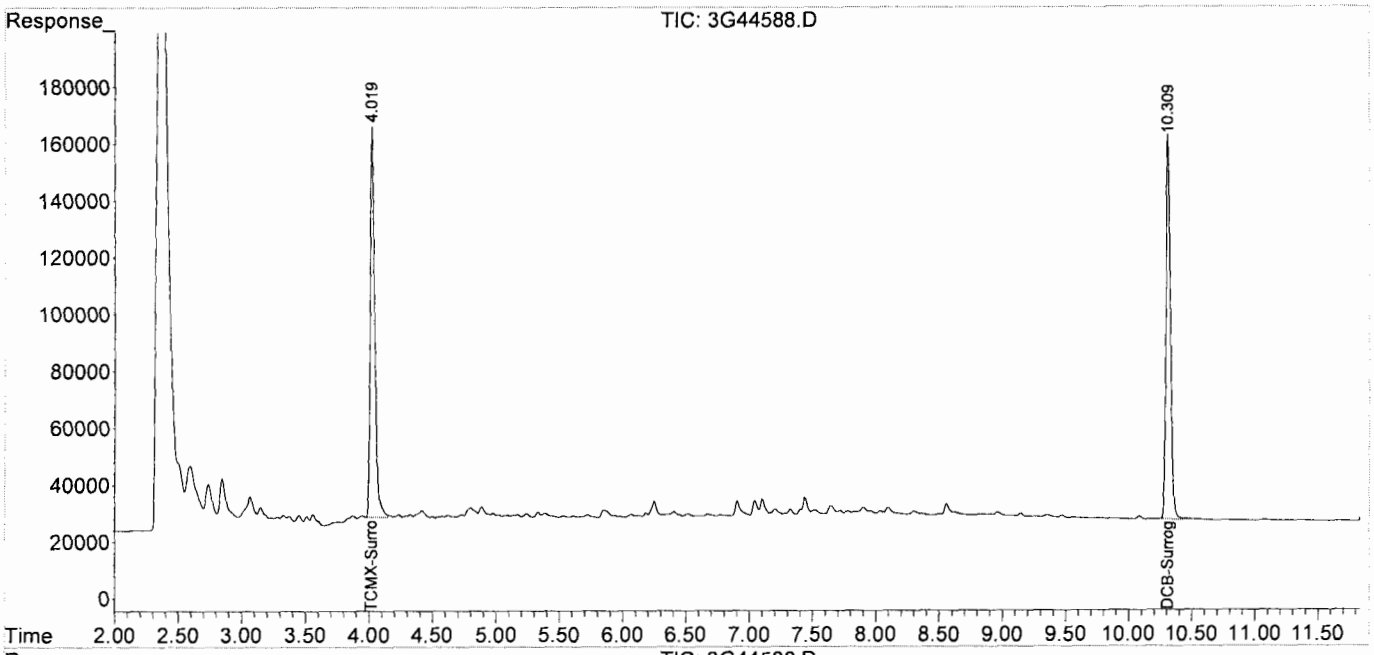
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.019	4.054	3322790	756154	86.594m	95.906m
45)DCB-Surrogate	10.309	11.050	3368452	963789	94.271m	109.544m

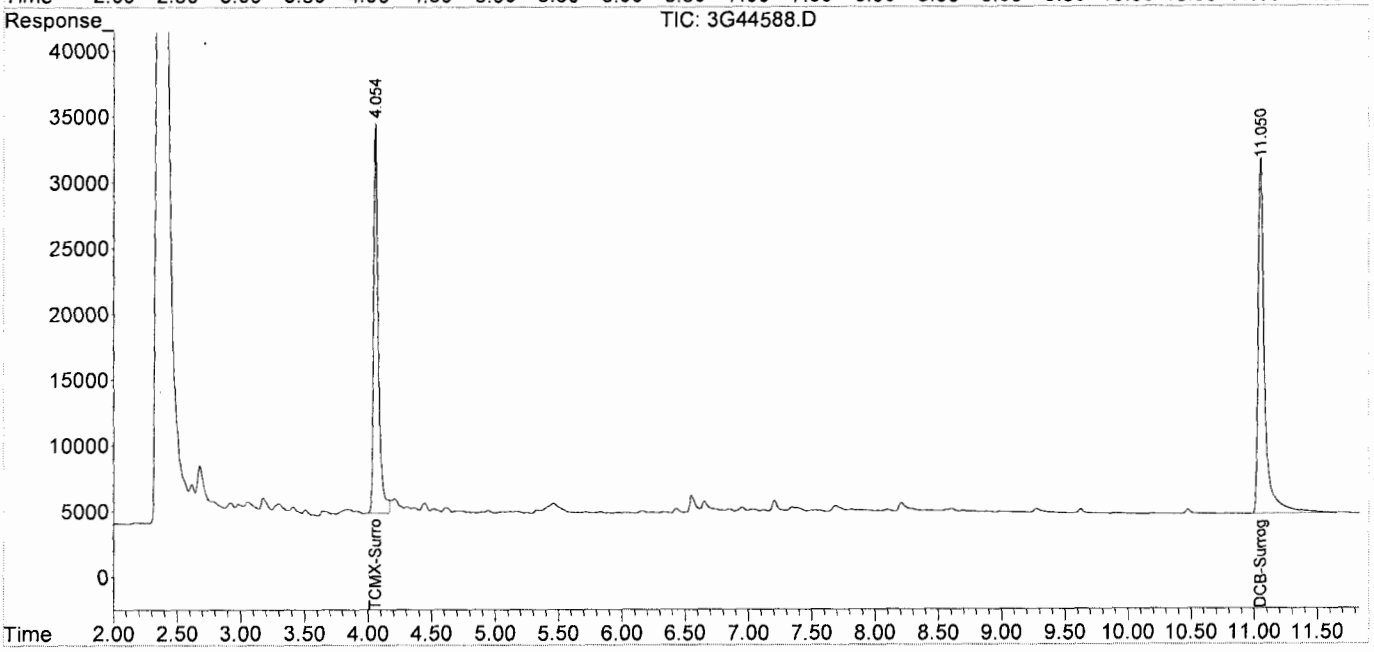
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_3\Data\02-25-09\
Data File : 3G44588.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:37
Operator : MS
Sample : WMB3484
Misc : A,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 10:05:38 2009
Quant Method : G:\GCDATA\2009\GC_3\METHODQT\3G_C0218.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Wed Feb 18 09:51:24 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: SMB2178B
Client Id:
Data File: 2G42454.D
Analysis Date: 02/25/09 17:04
Date Rec/Extracted: NA-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.025	U	11097-69-1	Aroclor-1254	0.025	U
11104-28-2	Aroclor-1221	0.025	U	11096-82-5	Aroclor-1260	0.025	U
11141-16-5	Aroclor-1232	0.025	U	37324-23-5	Aroclor-1262	0.025	U
53469-21-9	Aroclor-1242	0.025	U	11100-14-4	Aroclor-1268	0.025	U
12672-29-6	Aroclor-1248	0.025	U				

Worksheet #: 110142

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42454.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 17:04
Operator : JP
Sample : SMB2178B
Misc : S,PCB
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:29:02 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	3.008	2.946	1045911	1255468	88.889	92.996m
45)	DCB-Surrogate	9.150	9.446	901618	1307455	89.087m	105.405m

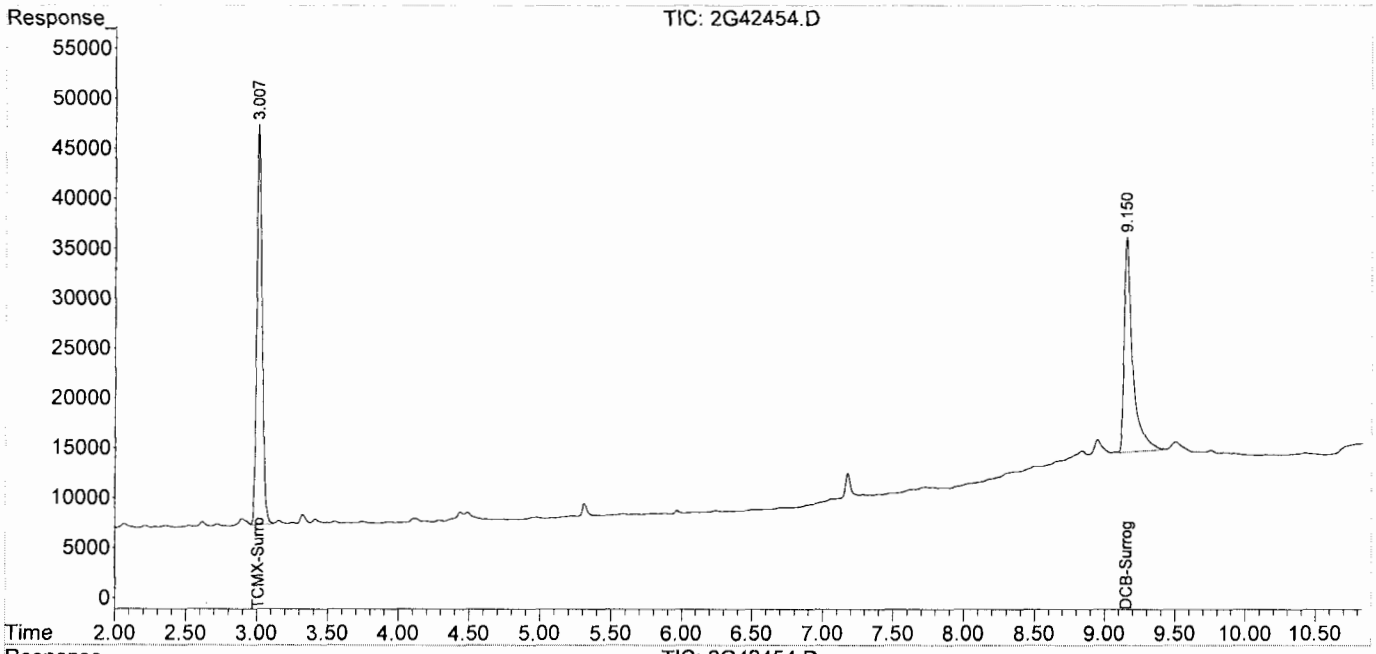
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

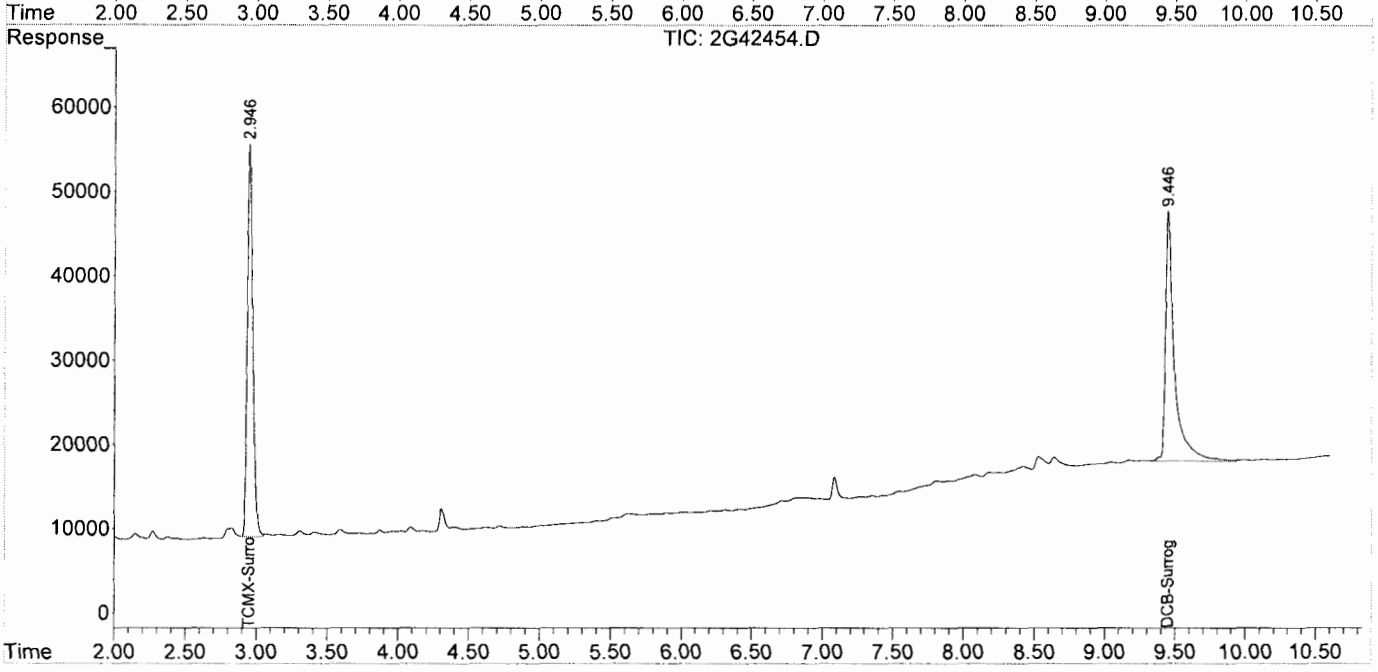
MS

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42454.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 17:04
Operator : JP
Sample : SMB2178B
Misc : S,PCB
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:29:02 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form3

MBS Data

Method: 608

Data File:==>					2G42437.D														
Data/Batch/Sample ID:==>					WMB3484(MS)														
Date/Time:==>					02/25/09 10:11														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aroclor-1016		50-114	1	0	906.6	1000	91												
Aroclor-1260		8-127	1	0	827.5	1000	83												

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

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42437.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:11
Operator : JP
Sample : WMB3484(MS)
Misc : A,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 10:33:46 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:37:45 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.991	2.934	943863	1128094	80.216m	83.561m
2)Aroclor-1016 {1}	3.524	3.527	239177	312328	891.757	912.276
3)Aroclor-1016 {2}	3.887	3.934	484770	573893	1011.494	841.580
4)Aroclor-1016 {3}	4.345	4.305	854835	1225431	870.340	932.399
5)Aroclor-1016 {4}	4.590	4.626	292846	508310	903.521	883.509
6)Aroclor-1016 {5}	4.703	4.989	573005	372817	855.776	836.292
7)Aroclor-1260 {1}	6.217	6.290	518566	683452	884.891	894.935
8)Aroclor-1260 {2}	6.470	6.379	573116	721109	830.889	900.953
9)Aroclor-1260 {3}	6.669	7.004	320155	293813	773.980	940.275m
10)Aroclor-1260 {4}	7.257	7.358	455269	468891	833.550m	847.484m
11)Aroclor-1260 {5}	7.986	8.057	671275	618457	814.058	938.579
45)DCB-Surrogate	9.120	9.423	826393	1149355	81.654m	92.659m

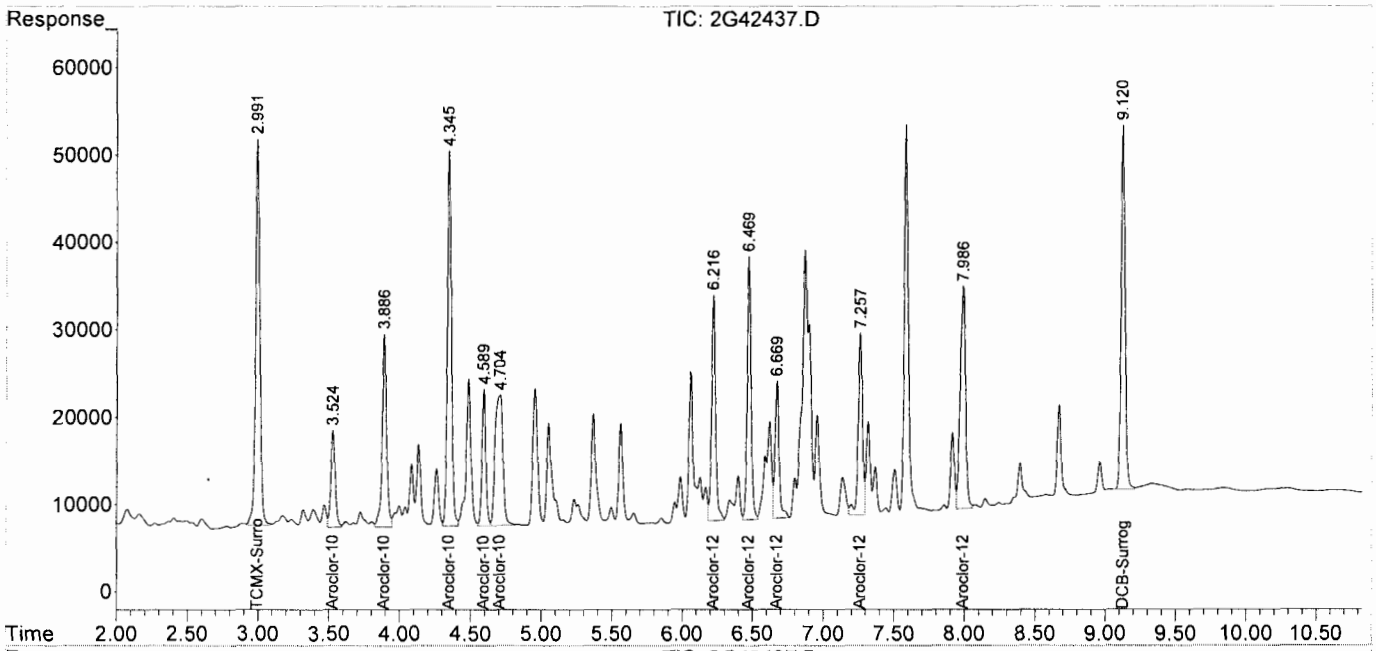
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

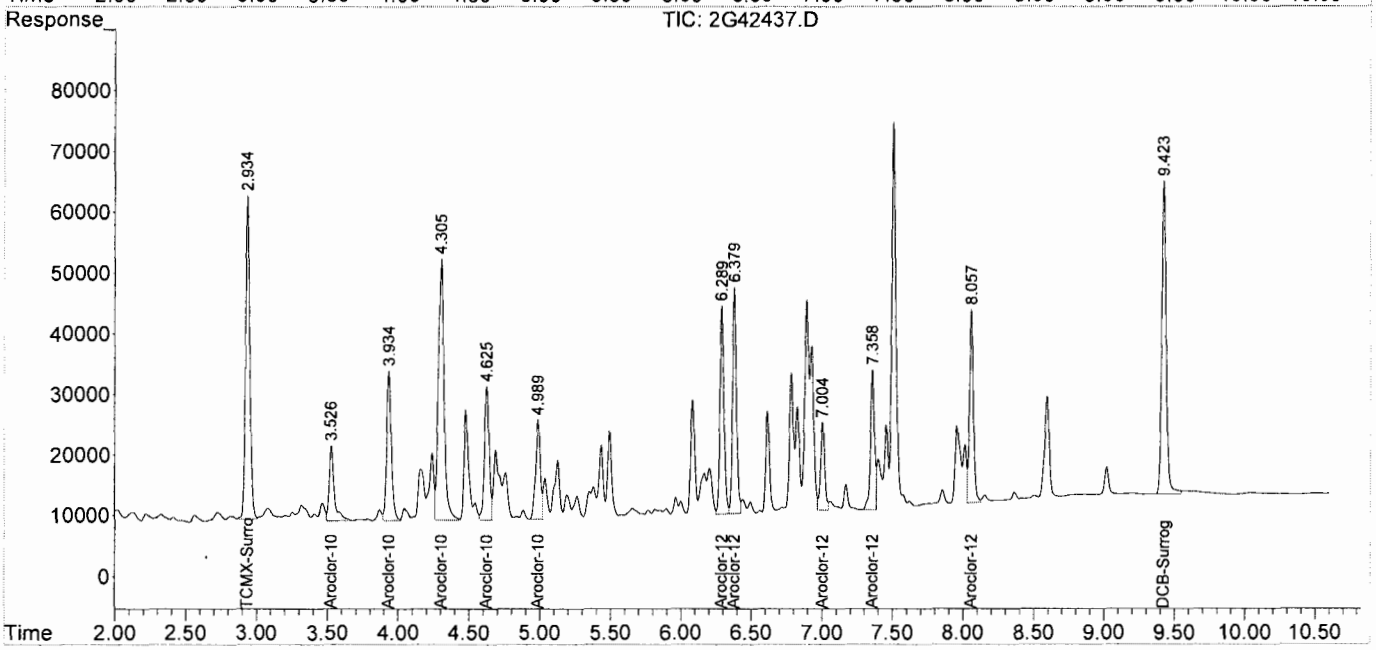
MS

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42437.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:11
Operator : JP
Sample : WMB3484(MS)
Misc : A,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 25 10:33:46 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 11 09:37:45 2009
Response via : Initial Calibration
Integrator: ChemStation

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





FORM 3

Spike Recovery

Batch Number: WMB3478
Mbs Name: WMB3478(MS)
Ns Name: AC42729-001
Ms Name: AC42729-001(MS)
Msd Name: AC42729-001(MSD

Mbs File: 5G20607.D
Non Spk'd File: 5G20610.D
Spike File: 5G20608.D
Spike Dup File: 5G20609.D
Matrix: Aqueous
Method: EPA 608

Mbs Date: 02/19/09 08:28
Non Spk'd Date: 02/19/09 09:23
Spike Date : 02/19/09 08:46
Spike Dup Date: 02/19/09 09:04

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Aroclor-1016	2	1	0	1000	50	114	24	1103.51	0.00	1139.03	1026.24	110	114	103	10
Aroclor-1260	7	1	0	1000	8	127	19	1110.78	0.00	1150.46	1025.59	111	115	103	11

Note:

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

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

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20607.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 8:28
Operator : JP
Sample : WMB3478(MS)
Misc : A,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 08:51:20 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.103	6.129	3448.5E6	2402.8E6	98.029m	105.987m
2)Aroclor-1016 {1}	6.919	7.081	636.0E6	394.9E6	1123.093	1113.142
3)Aroclor-1016 {2}	7.428	7.646	1305.7E6	917.0E6	1114.334	1104.578
4)Aroclor-1016 {3}	8.025	8.132	2991.5E6	1268.6E6	1056.297	1117.242
5)Aroclor-1016 {4}	8.184	8.338	1084.9E6	545.5E6	1097.905	1041.162m
6)Aroclor-1016 {5}	8.313	8.522	930.9E6	848.9E6	1125.912	1038.644m
7)Aroclor-1260 {1}	10.111	10.339	1725.5E6	1283.0E6	1088.729	1144.522
8)Aroclor-1260 {2}	10.373	10.430	2310.4E6	1354.7E6	1099.164	1049.307
9)Aroclor-1260 {3}	10.862	11.413	956.4E6	860.3E6	1138.796	1056.711
10)Aroclor-1260 {4}	11.158	12.097	1623.6E6	1168.6E6	1115.995	1077.666m
11)Aroclor-1260 {5}	11.865	12.627	2806.0E6	769.4E6	1111.231m	1092.184m
45)DCB-Surrogate	13.033	13.574	3221.2E6	2039.9E6	104.921m	104.806m

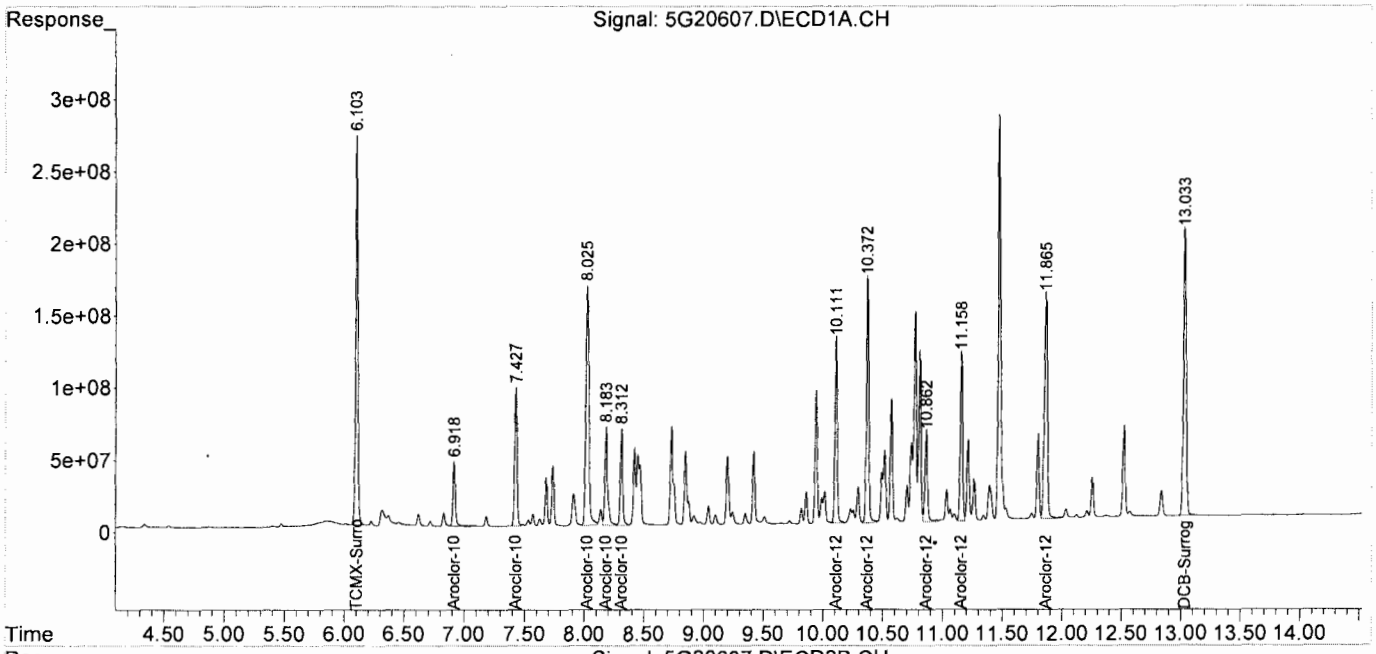
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

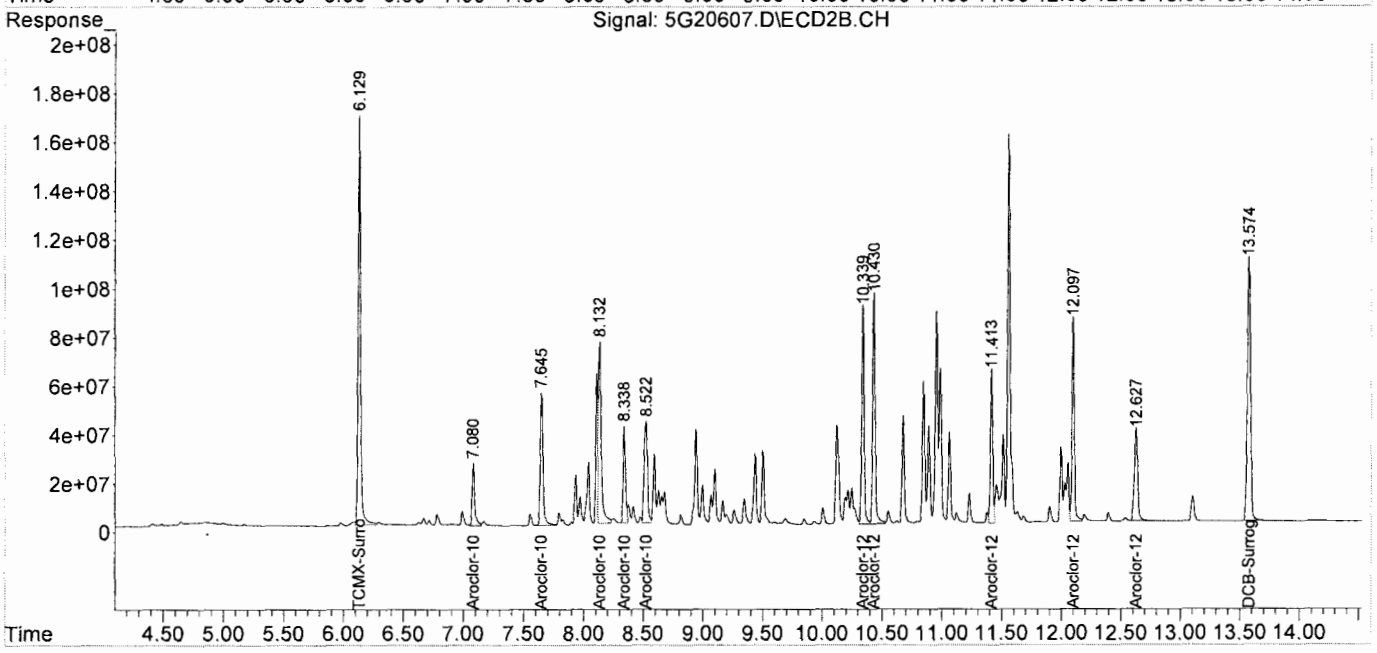
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20607.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 8:28
Operator : JP
Sample : WMB3478(MS)
Misc : A,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 08:51:20 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20608.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 8:46
Operator : JP
Sample : AC42729-001(MS)
Misc : A,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 09:38:39 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.103	6.129	3669.1E6	2420.2E6	104.300m	106.756m
2)Aroclor-1016 {1}	6.919	7.081	653.4E6	420.6E6	1154.756	1187.021
3)Aroclor-1016 {2}	7.429	7.646	1348.1E6	934.9E6	1151.065	1126.646
4)Aroclor-1016 {3}	8.025	8.133	3118.8E6	1288.5E6	1101.250	1134.998
5)Aroclor-1016 {4}	8.184	8.338	1101.5E6	569.7E6	1114.911	1087.376m
6)Aroclor-1016 {5}	8.313	8.521	970.0E6	890.4E6	1173.146	1089.494m
7)Aroclor-1260 {1}	10.112	10.340	1814.3E6	1316.2E6	1144.788	1174.148
8)Aroclor-1260 {2}	10.373	10.431	2241.6E6	1396.4E6	1066.422	1081.629
9)Aroclor-1260 {3}	10.863	11.414	1020.9E6	905.0E6	1215.598	1111.679
10)Aroclor-1260 {4}	11.158	12.098	1686.5E6	1254.3E6	1159.204	1156.689
11)Aroclor-1260 {5}	11.865	12.628	2945.0E6	806.4E6	1166.300m	1144.710m
45)DCB-Surrogate	13.034	13.573	1911.1E6	1199.1E6	62.249m	61.604m

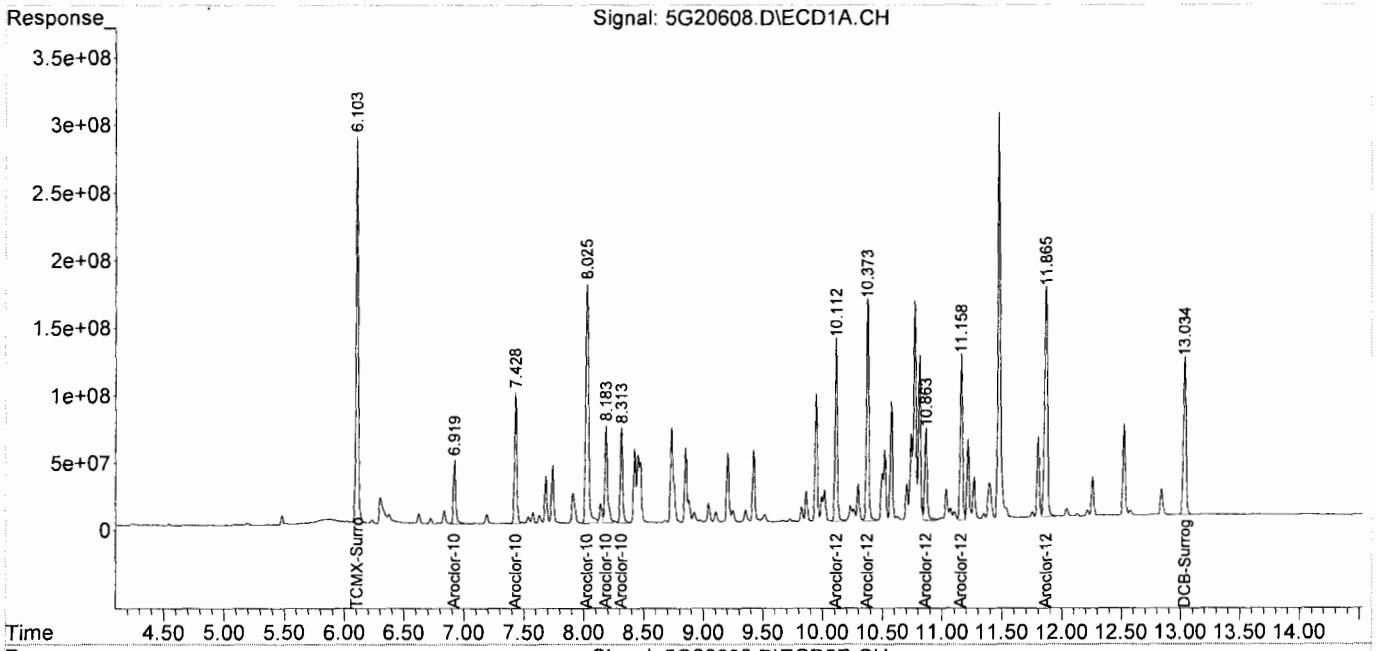
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

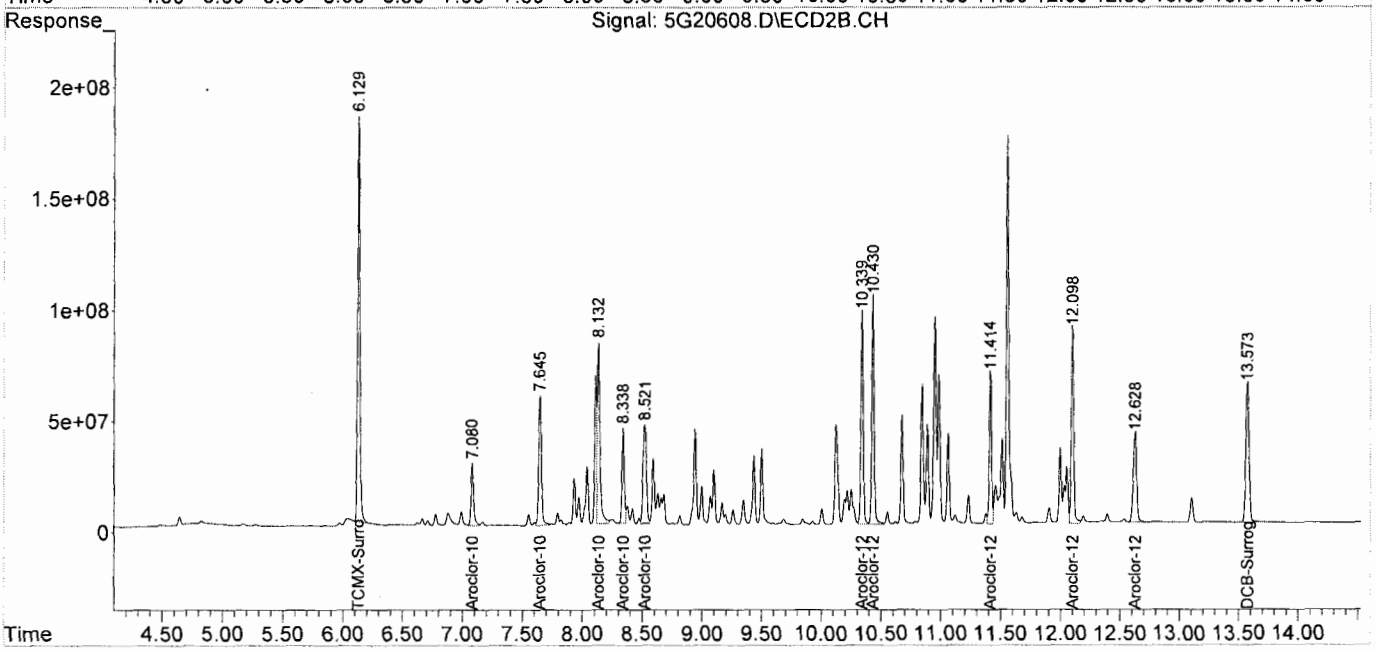
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20608.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 8:46
Operator : JP
Sample : AC42729-001(MS)
Misc : A,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 09:38:39 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20609.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 9:04
Operator : JP
Sample : AC42729-001(MSD)
Misc : A,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 09:40:51 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.103	6.129	3333.8E6	2244.6E6	94.769m	99.009m
2)Aroclor-1016 {1}	6.919	7.081	591.2E6	367.4E6	1041.825	1034.045
3)Aroclor-1016 {2}	7.429	7.646	1211.6E6	841.5E6	1032.830	1011.735
4)Aroclor-1016 {3}	8.025	8.133	2774.8E6	1149.5E6	979.791	1010.955
5)Aroclor-1016 {4}	8.184	8.339	1020.6E6	507.9E6	1032.282	969.438m
6)Aroclor-1016 {5}	8.313	8.523	863.4E6	794.7E6	1044.450	972.416m
7)Aroclor-1260 {1}	10.112	10.339	1617.1E6	1171.8E6	1020.321	1045.351
8)Aroclor-1260 {2}	10.373	10.430	1987.3E6	1244.7E6	945.431	964.089
9)Aroclor-1260 {3}	10.863	11.413	920.5E6	806.5E6	1095.989	990.702
10)Aroclor-1260 {4}	11.158	12.097	1506.5E6	1086.4E6	1035.483	1001.874m
11)Aroclor-1260 {5}	11.866	12.628	2602.7E6	718.6E6	1030.752m	1020.062m
45)DCB-Surrogate	13.034	13.572	1935.2E6	1224.2E6	63.031m	62.897m

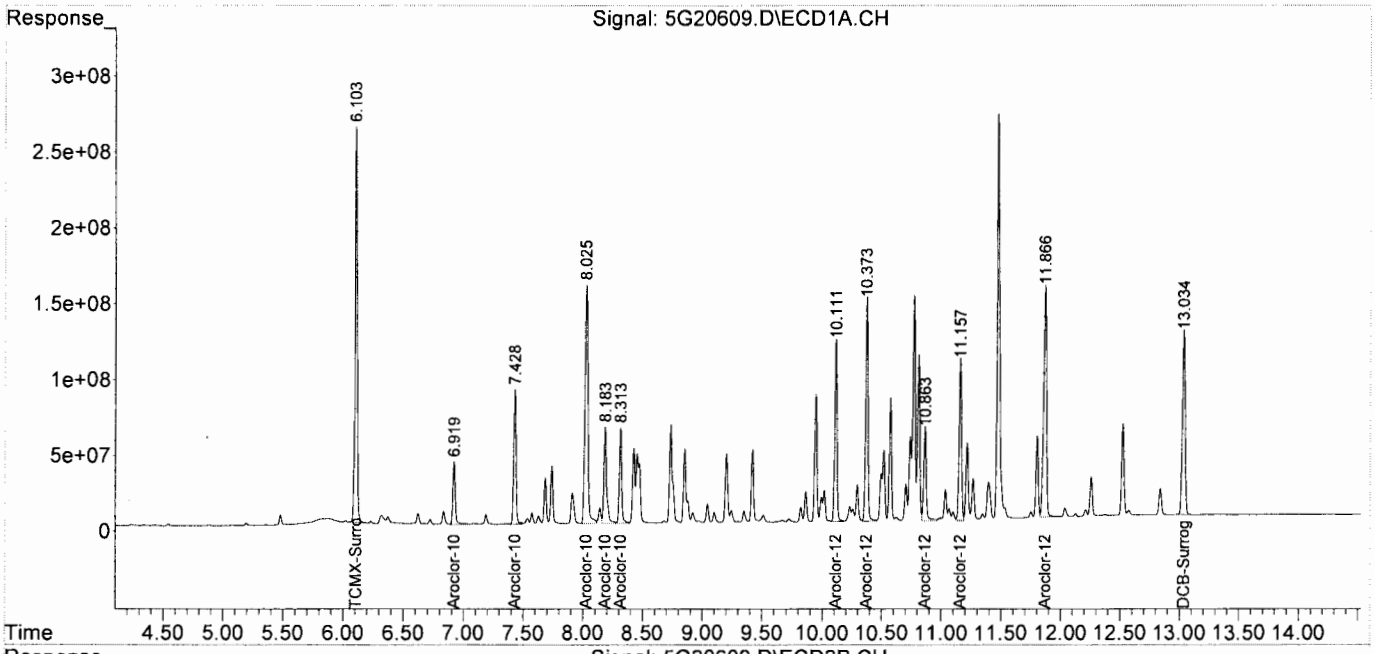
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

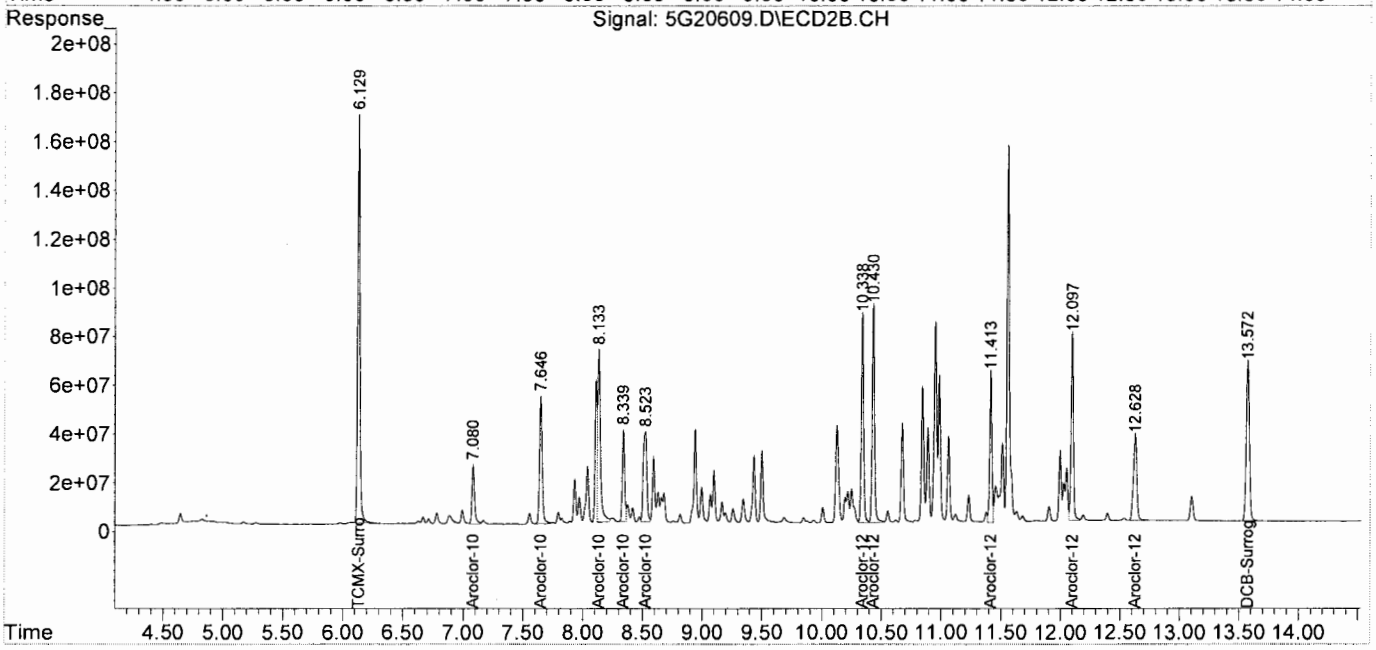
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20609.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 9:04
Operator : JP
Sample : AC42729-001(MSD)
Misc : A,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 09:40:51 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





FORM 3

Spike Recovery

Batch Number: SMB2178B
Mbs Name: SMB2178B(MS)
Ns Name: AC42861-002
Ms Name: AC42861-002(MS)
Msd Name: AC42861-002(MSD

Mbs File: 2G42455.D
Non Spk'd File: 2G42458.D
Spike File: 2G42456.D
Spike Dup File: 2G42457.D
Matrix: Soil
Method: EPA 8082

Mbs Date: 02/25/09 17:18
Non Spk'd Date: 02/25/09 17:59
Spike Date : 02/25/09 17:32
Spike Dup Date: 02/25/09 17:45

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Aroclor-1016	2	1	0	1000	30	163	40	954.93	0.00	887.50	887.04	95	89	89	0.05
Aroclor-1260	7	1	0	1000	25	166	37	862.38	0.00	834.46	834.83	86	83	83	0.04

Note:

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

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

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42455.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 17:18
Operator : JP
Sample : SMB2178B(MS)
Misc : S,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:30:11 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

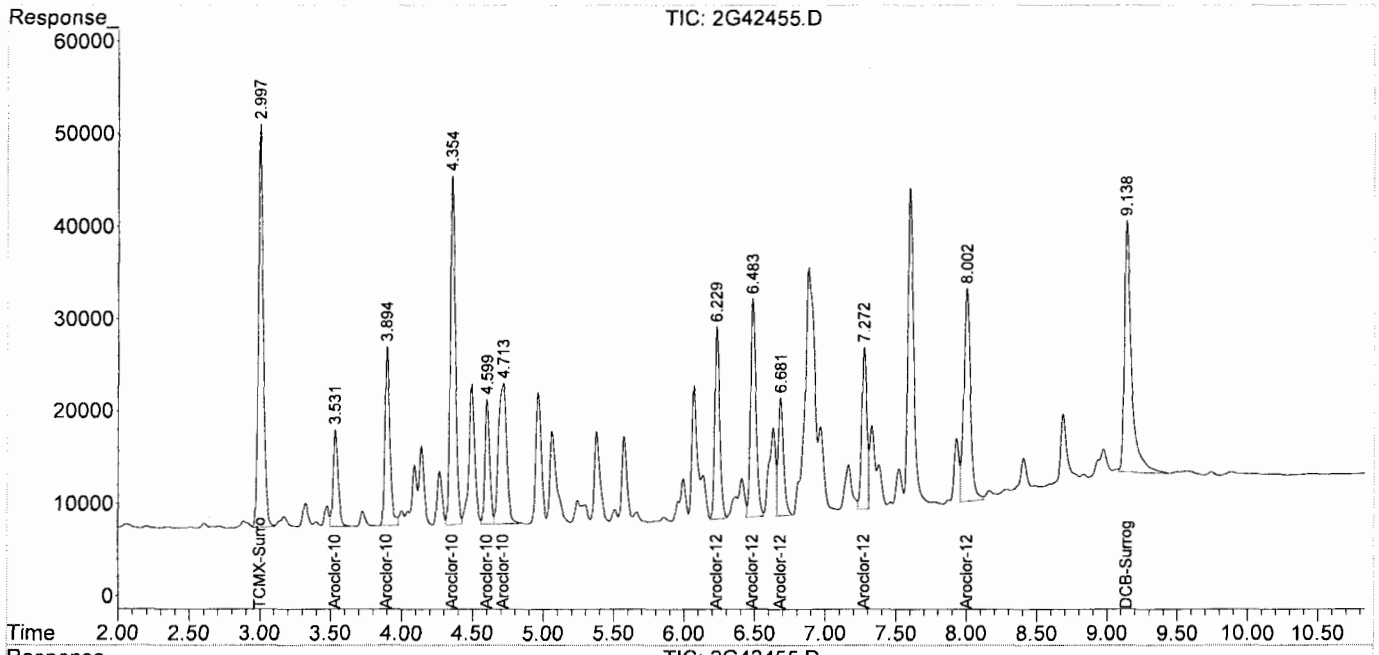
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.998	2.941	1056287	1281636	89.770	94.934
2)Aroclor-1016 {1}	3.531	3.533	255490	301929	955.722	880.997
3)Aroclor-1016 {2}	3.895	3.941	470437	587868	980.179	862.806
4)Aroclor-1016 {3}	4.355	4.311	939029	1258787	958.555	958.420
5)Aroclor-1016 {4}	4.600	4.634	312216	523898	963.285	910.603
6)Aroclor-1016 {5}	4.713	4.998	612881	354321	916.907	793.837
7)Aroclor-1260 {1}	6.229	6.300	503240	718042	858.090	941.234
8)Aroclor-1260 {2}	6.484	6.392	627809	790146	912.257	988.980
9)Aroclor-1260 {3}	6.682	7.016	338025	299210	817.180	957.547m
10)Aroclor-1260 {4}	7.272	7.369	439506	655010	804.689m	1183.879 #
11)Aroclor-1260 {5}	8.002	8.071	758368	759868	919.676	1153.186 #
45)DCB-Surrogate	9.138	9.438	959624	1351632	94.818m	108.967m

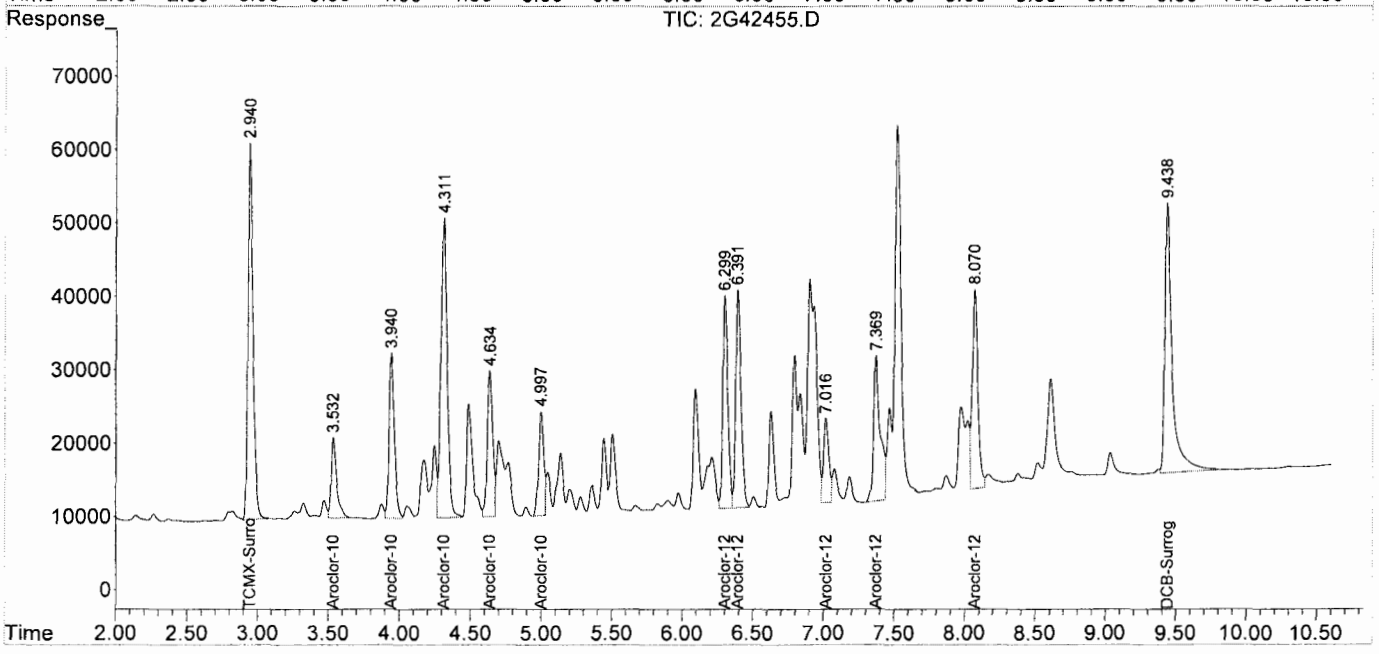
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42455.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 17:18
Operator : JP
Sample : SMB2178B(MS)
Misc : S,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:30:11 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

0946

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42456.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 17:32
Operator : JP
Sample : AC42861-002(MS)
Misc : S,PCB
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:31:52 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.999	2.942	944444	1139783	80.265	84.427m
2)Aroclor-1016 {1}	3.533	3.534	232892	266831	867.230	775.911
3)Aroclor-1016 {2}	3.896	3.942	425278	535081	882.125	782.827
4)Aroclor-1016 {3}	4.356	4.313	878507	1125661	895.095	854.782
5)Aroclor-1016 {4}	4.601	4.636	295176	490159	910.709	851.960
6)Aroclor-1016 {5}	4.713	4.998	590345	340587	882.332	762.380m
7)Aroclor-1260 {1}	6.231	6.303	487014	698971	829.759	915.695
8)Aroclor-1260 {2}	6.487	6.396	606399	764925	880.359	956.784
9)Aroclor-1260 {3}	6.685	7.020	323791	358241	782.771	1146.461 #
10)Aroclor-1260 {4}	7.275	7.372	439411	626896	804.516	1133.067m#
11)Aroclor-1260 {5}	8.005	8.074	721431	718563	874.883	1090.500
45)DCB-Surrogate	9.142	9.443	945072	1272982	93.380m	102.626

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

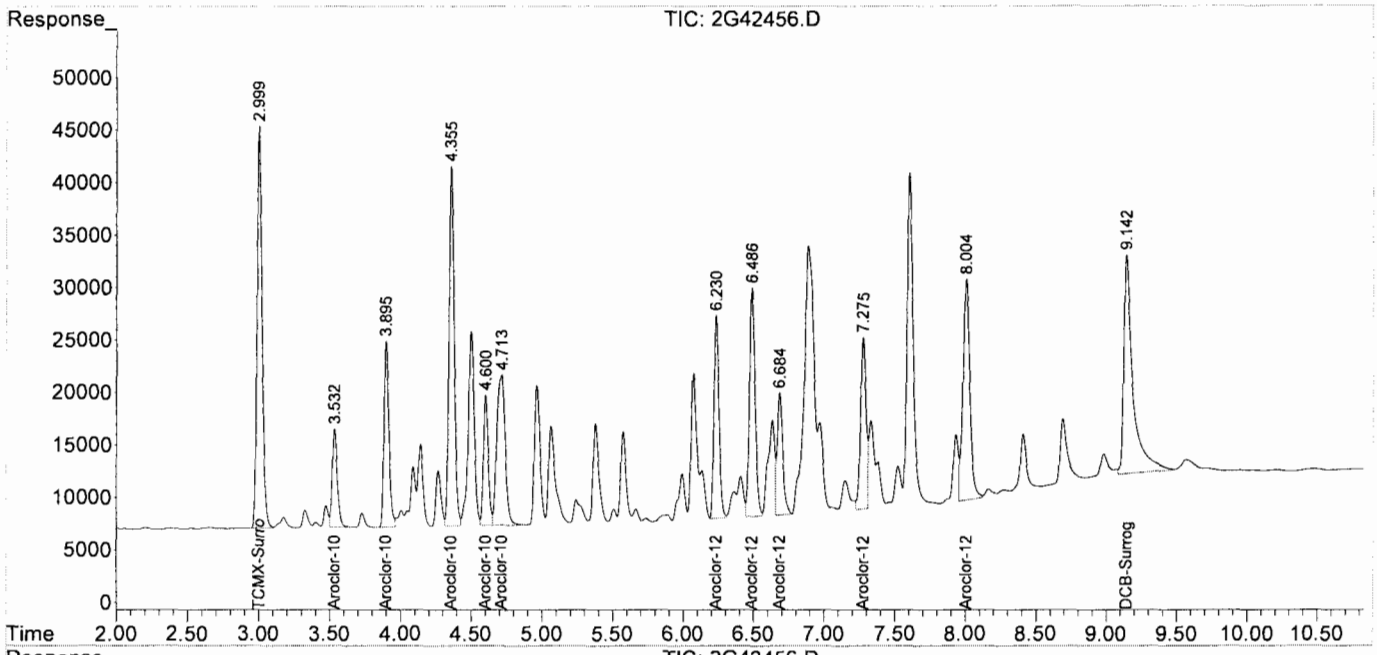
MS

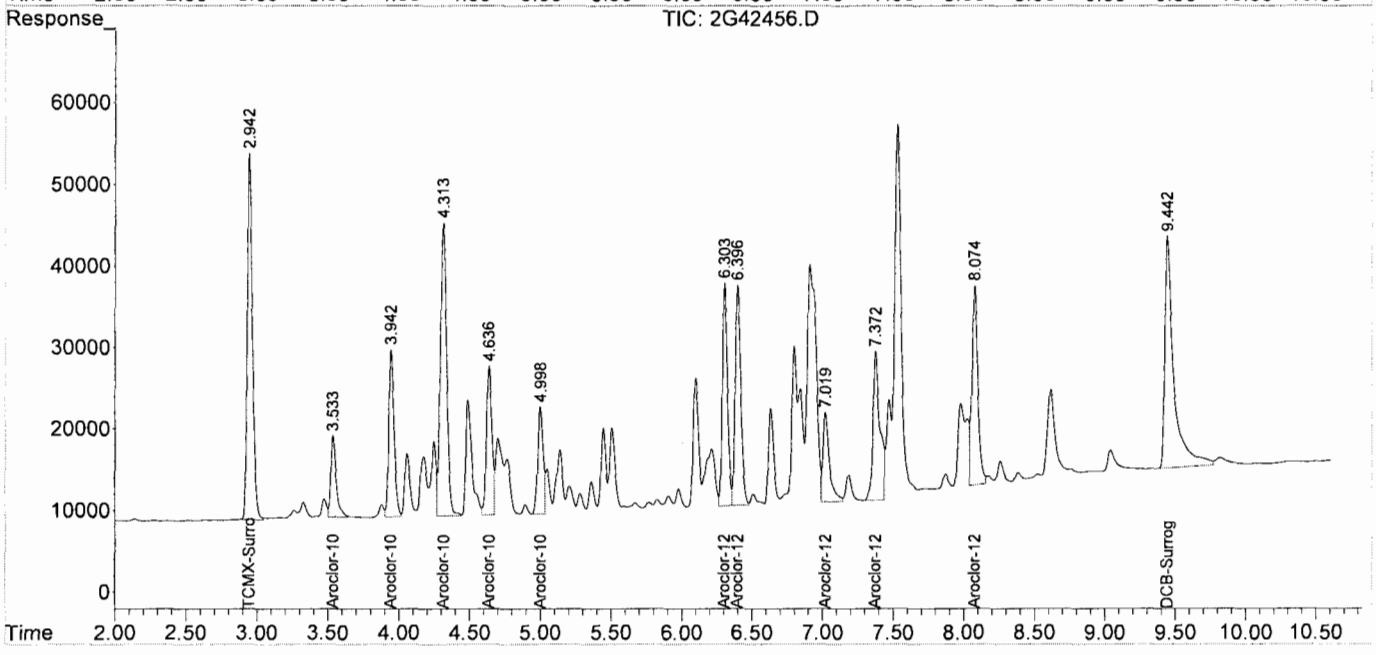
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42456.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 17:32
Operator : JP
Sample : AC42861-002(MS)
Misc : S,PCB
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:31:52 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42457.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 17:45
Operator : JP
Sample : AC42861-002(MSD)
Misc : S,PCB
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:33:09 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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

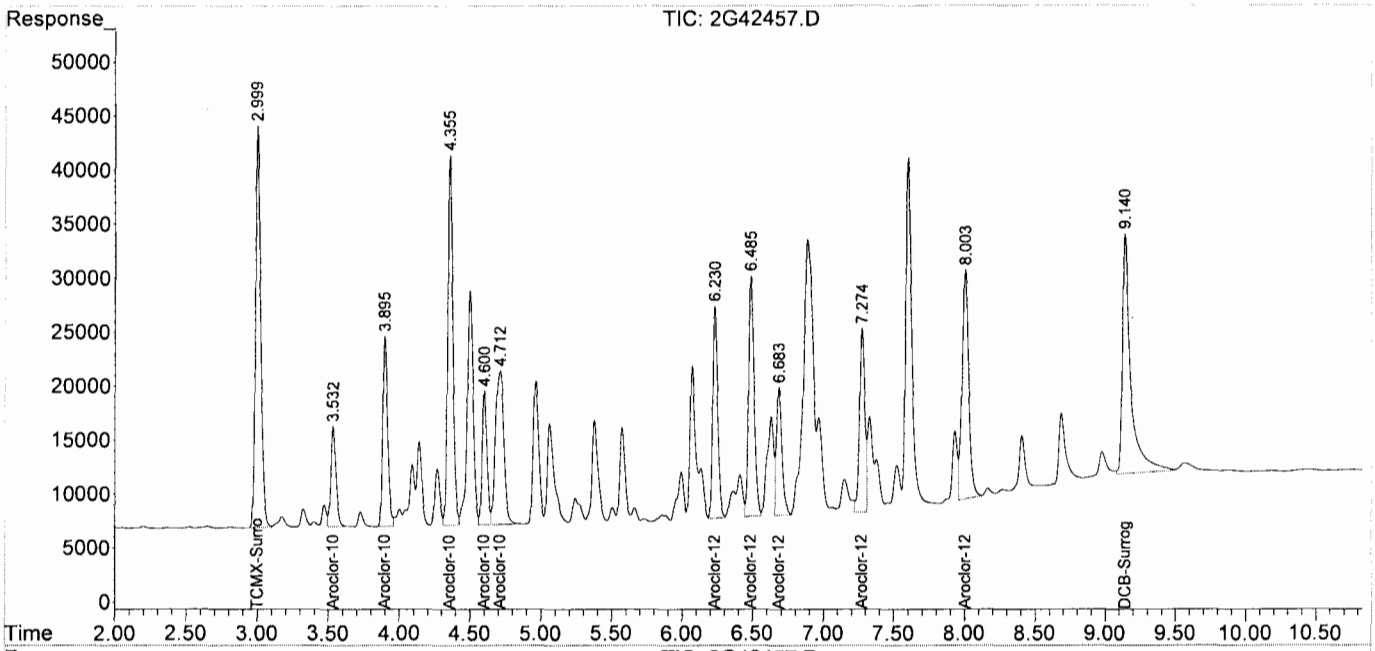
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.999	2.942	926806	1119631	78.766	82.934m
2)Aroclor-1016 {1}	3.532	3.534	234669	268346	874.160	780.430
3)Aroclor-1016 {2}	3.896	3.943	425202	534645	881.962	782.168
4)Aroclor-1016 {3}	4.356	4.313	872023	1117305	888.310	848.296
5)Aroclor-1016 {4}	4.600	4.637	293759	488767	906.339	849.541
6)Aroclor-1016 {5}	4.712	4.999	591708	338121	884.421	756.738
7)Aroclor-1260 {1}	6.231	6.303	485851	695309	827.729	910.795
8)Aroclor-1260 {2}	6.486	6.396	603459	763698	875.984	955.218
9)Aroclor-1260 {3}	6.684	7.020	325421	355239	786.710	1136.854 #
10)Aroclor-1260 {4}	7.274	7.372	453808	636983	830.876m	1151.297m#
11)Aroclor-1260 {5}	8.003	8.073	703249	707762	852.833	1074.108 #
45)DCB-Surrogate	9.140	9.442	925724	1214452	91.469m	97.908m

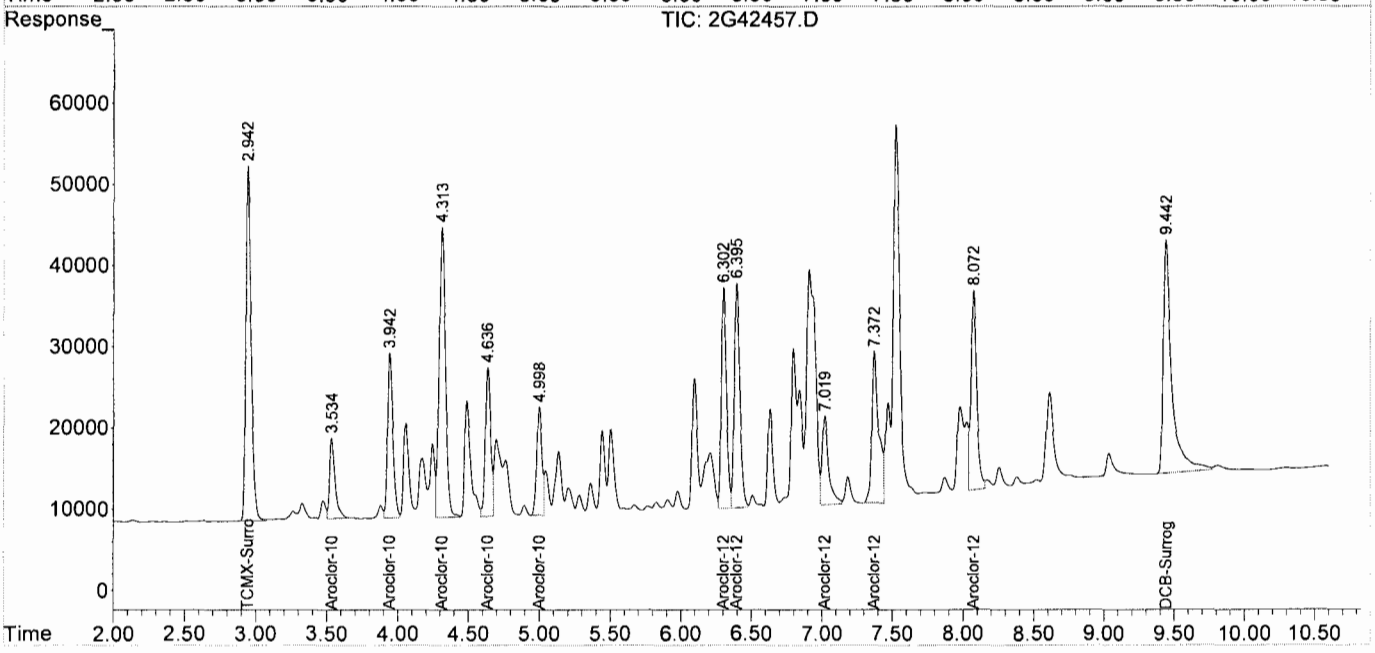
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\02-25-09\
Data File : 2G42457.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 17:45
Operator : JP
Sample : AC42861-002(MSD)
Misc : S,PCB
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 26 08:33:09 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0211.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Feb 25 14:17:18 2009
Response via : Initial Calibration
Integrator: ChemStation

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





GC PCB Data
Logbook Data

Method Blank No. WMB- 3484
Blank Spike (WMBS): Pest: 3476
Blank Spike (WMBS): PCB: 3478

Date: 02/24/09
Matrix Spike: Pest: 42612-001
Matrix Spike: PCB: 42729-001

Extraction: ~~Pest~~ (3510C)/ ~~PCB~~ (3510C) / Herb (8151A) / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Extracted By/ Comments	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other					
MB 3484	X	X			1000 ml	5.0 ml	KR	42634	EF-1
MBS 3484	X	X			↓			-001	V-61190
42858-006	16	2			950 ml				
42868-009	17	3			950 ml				
42868-012	18	4			1000 ml				
42833-007	19	5			100 ml			.6	1
42806-051		6			920 ml				
EF-1 V-61190	X				100 ml	↓	↓		

Rerun ~~##~~ 44 ↓

Cleanup: Acid ___ TBA ___ Copper ___ Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	100	V-58194	Pest / PCB / Herb/ Other
↓	10	V-53079	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V-59621	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCL2 V-3858 Acetone V-3782 Hexane V-3792 Na2SO4 V-3780 Ether ___

MTBE ___ Other ___

Relinquished By: KR. Date: 02/24/09 Received
By: [signature] Date: 2/25/09

Method Blank No. WMB- 3478
Blank Spike (WMBS): PEST: 3476
Blank Spike (WMBS): PCB: 3469, 3478

Date: 02/18/2009
Matrix Spike: PEST: 42612-001
Matrix Spike: PCB: 42538-002; 42729-001

Extraction: Pest (3510C)/ PCB (3510C) / Herb (8151A) / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Extracted By/ Comments	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other			Abm 2/18/09		
MB 3478	X	X			1000mL	~~5mL~~ 1mL	Abm, RACK	10ul	SURR
MBS 3478	X	X			↓	5mL			
42726-001	3	14			1000mL	1mL			
42726-004	4	15			↓	↓ RQ 2/23/09		10ul	SURR
42726-007	5	16			980mL	1mL			
42726-010	6	17			1000mL	~~5mL~~			
42750-009	7	18			1000mL	↓			
42713-002		19			980mL				
42713-003		20			1000mL				
MS 42729-001		X			500mL				
MSD 42729-001		X			↓	↓			
42729-001	8	1			↓	2.5mL	1/2 SURR		
42702-001	R	R			970mL	5.0ml	↓		

Cleanup: Acid ___ TBA ___ Copper ___ Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	100	V-56194	Pest (PCB) / Herb/ Other
↓	10	V-53079	(Pest) / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V-59621	(Pest / PCB) / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCL2 V-3658 Acetone V-3762 Hexane V-3793 Na2SO4 V-3781 Ether ___

MTBE ___ Other ___

Relinquished By: Abm Date: 02/18/2009 Received
By: [signature] Date: 2/19/09

ASE EXTRACTION – Method 3545

Method Blank No. SMB- 2178B
Blank Spike (SMBS): PEST 2176B
Blank Spike (SMBS): PCB 2178B

Date: 02/25/9
Matrix Spike: 42866-02
Matrix Spike: 42861-002

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments	
	Pest	PCB	Herb	Other				Cell#
MB 2178B	X	X			20g	10ml	JL / 1 / ACE#3	17
MBS 2178B	X	X					/ 2,3 /	8,9
MS 42861-002		X					/ 4 /	26
MSD 42861-002		X					/ 5 /	27
42861-002	9	1					/ 6 /	28
42868-001	10	2					/ 7 /	29
42868-002	11	3					/ 8 /	30
42868-003	12	4					/ 9 /	31
42868-004	13	5					/ 10 /	32
42868-005	14	6					/ 11 /	33
JL 2/25/9 42860-001	15	7					/ 1 / ACE#1	34
42860-002	16	8					/ 2 /	35
42860-003	17	9					/ 3 /	36
42875-001	18	10					/ 4 /	37
42838-001		11					/ 5 /	38
42838-002		12					/ 6 /	39
42838-003		13					/ 7 /	40
42838-004		14					/ 8 /	41
42854-001		15					/ 9 /	42
42856-001		16					/ 10 /	43
42870-001		17					/ 11 /	44
42874-001		18					/ 12 /	46
42880-001		19			↓	↓	/ 13 /	47
							/ /	
							/ /	
							/ /	
							/ /	
							/ /	
							/ /	
							/	

Cleanup: Acid X TBA ___ Copper X Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/~~ppb~~)	Lot No.	
100	100	V58194	Pest / (PCB) / Herb / Other
↓	10	V53079	↓

Surrogate Standard

Vol (ul's)	Conc. (ppm/~~ppb~~)	Lot No.	
100	10	V59621	Pest / PCB / Herb / Other

Reagent Lots: MeCL2 _____ Acetone V3791 Hexane V3793 Na2SO4 _____ Ether ___
MTBE _____ Other _____

Relinquished By: JL Date: 2/25/9
Received By: [signature] Date: 2/25/09

T:\QC\FORMS\LOGBOOK FORMS\extractions\PestPCB Soil ASE Ext Log.doc

1-1-2G42002

RUN LOG

Instrument: GC_2 Year: 2009 0954
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
2G42002.	CAL 3268@500PPB		OK,V-53147	JP		Soil	1	1	608 8082	02/11 02:03
2G42003.	CAL 1242@500PPB		OK,V-53155	JP		Soil	1	1	608 8082	02/11 02:17
2G42004.	CAL 1248@500PPB		OK,V-53153	JP		Soil	1	1	608 8082	02/11 02:31
2G42005.	CAL 2154@500PPB		OK,V-53151	JP		Soil	1	1	608 8082	02/11 02:45
2G42006.	CAL 1262@500PPB		OK,V-53149	JP		Soil	1	1	608 8082	02/11 02:58
2G42007.	CAL 1660@4000PPB	C16C26C18C28	NOT USED	JP		Soil	1	1	608 8082	02/11 03:12
2G42008.	CAL 1660@50PPB	C16C26C18C28	NOT USED	JP		Soil	1	1	608 8082	02/11 03:26
2G42009.	CAL 1660@200PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/11 03:40
2G42010.	CAL 1660@500PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/11 03:54
2G42011.	CAL 1660@1000PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/11 04:08
2G42012.	CAL 1660@2000PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/11 04:22
2G42013.	CAL 1660@4000PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/11 04:36
2G42014.	CAL 1660@50PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/11 04:50
2G42015.	ICV	IsIvoCme	OK,V-53156	JP		Soil	1	1	8082	02/11 05:03

Anc	Area Not Checked	Eo	Extractino Performed Past Hold	Co	Warninn Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missinn/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series mission	Etn	Tcln/Solvent Extraction Date Missino/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missino	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix mission ddt or endrin
Bnf	Blank Not Found/Assioned	Ev	Eval Time Exceeded	R16 R26	Rnd Out on MsMsd (cnl1 and or cnl2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (cnl1 and or cnl2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passino cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did got have passino cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missino for sample (8000 series)	Iw	Initial cal warnino. Ini cal file <> method.	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Snike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Snike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Snike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extractino Before Collection Date	M18a M18b	Snike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checkino Prep/rundates modcheckprepruncla	Mnc	Snike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-2G42435

Instrument: GC_2 Year: 2009
Analyst: JP 0955

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
2G42435.	CAL 1660@1000PPB		OK,V-53143, V-53142	MS		Soil	0.5	1	608 8082	02/25 09:36
2G42436.	SMB2177B(MS)		OK SMB2177B	MS		Soil	1	1	8082	02/25 09:57
2G42437.	WMB3484(MS)		OK WMB3484	MS		Aqueous	1	1	608 8082	02/25 10:11
2G42438.	AC42859-005		OK	MS	PCB-8082	Soil	1	1	8082	02/25 10:25
2G42439.	AC42859-003		OK	MS	PCB-8082	Soil	1	1	8082	02/25 10:39
2G42440.	AC42859-001		OK	MS	PCB-8082	Soil	1	1	8082	02/25 10:52
2G42441.	AC42805-035		RR 50X	MS	PCB-8082	Soil	1	1	8082	02/25 11:06
2G42442.	AC42846-001		OK	MS	PCB-8082	Soil	1	1	8082	02/25 11:22
2G42443.	AC42805-035(50X)	SdDo	OK	MS	PCB-8082	Soil	50	50	8082	02/25 11:36
2G42444.	CAL 1660@2000PPB		OK	MS		Soil	0.25	1	608 8082	02/25 12:36
2G42445.	AC42866-011		OK	MS	PCB-8082	Soil	1	1	8082	02/25 12:58
2G42446.	AC42866-010		OK	MS	PCB-8082	Soil	1	1	8082	02/25 13:12
2G42447.	AC42866-009		OK	MS	PCB-8082	Soil	1	1	8082	02/25 13:25
2G42448.	AC42866-008		OK	MS	PCB-8082	Soil	1	1	8082	02/25 13:39
2G42449.	AC42866-002		OK	MS	PCB-8082	Soil	1	1	8082	02/25 13:53
2G42450.	AC42866-001		OK	MS	PCB-8082	Soil	1	1	8082	02/25 14:07
2G42451.	AC42866-005		OK	MS	PCB-8082	Soil	1	1	8082	02/25 14:52
2G42452.	AC42866-003		OK	MS	PCB-8082	Soil	1	1	8082	02/25 15:05
2G42453.	CAL 1660@1000PPB	C26	OK	MS		Soil	0.5	1	608 8082	02/25 16:28
2G42454.	SMB2178B		OK	MS		Soil	1	1	8082	02/25 17:04
2G42455.	SMB2178B(MS)		OK SMB2178B	MS		Soil	1	1	8082	02/25 17:18
2G42456.	AC42861-002(MS)		OK SMB2178B	MS	PCB-8082	Soil	1	1	8082	02/25 17:32
2G42457.	AC42861-002(MSD)		OK SMB2178B	MS	PCB-8082	Soil	1	1	8082	02/25 17:45
2G42458.	AC42861-002		OK SMB2178B	MS	PCB-8082	Soil	1	1	8082	02/25 17:59
2G42459.	AC42868-001		OK	MS	PCB-8082	Soil	1	1	8082	02/25 18:13
2G42460.	AC42868-002		OK	MS	PCB-8082	Soil	1	1	8082	02/25 18:27
2G42461.	AC42868-003		OK	MS	PCB-8082	Soil	1	1	8082	02/25 18:41
2G42462.	AC42868-004		OK	MS	PCB-8082	Soil	1	1	8082	02/25 18:55
2G42463.	AC42868-005		OK	MS	PCB-8082	Soil	1	1	8082	02/25 19:09
2G42464.	AC42860-003		OK	MS	PCB-8082	Soil	1	1	8082	02/25 19:23
2G42465.	AC42860-005		OK	MS	PCB-8082	Soil	1	1	8082	02/25 19:37
2G42466.	CAL 1660@500PPB		OK,OK,V-53144	MS		Soil	1	1	608 8082	02/25 19:50
2G42467.	1000PPB		NOT USED	MS		Soil	0.5	1	8082	02/25 20:04
2G42468.	SMB1176		OK	MS		OIL/OTH	1	1	8082	02/25 20:18
2G42469.	SMB1176(MS)		OK SMB1176	MS		OIL/OTH	1	1	8082	02/25 20:32
2G42470.	AC42838-001		OK	MS	PCB-8082	Soil	1	1	8082	02/25 20:46
2G42471.	AC42872-001(1000X)	SdDo	OK	MS	PCB-8082	OIL/OTH	1000	1000	8082	02/25 21:00
2G42472.	AC42898-002(1000X)	SdDo	OK	MS	PCB-8082	OIL/OTH	1000	1000	8082	02/25 21:14
2G42473.	AC42898-001(1000X)	SdDo	OK	MS	PCB-8082	OIL/OTH	1000	1000	8082	02/25 21:27
2G42474.	500PPB		NOT USED	MS		OIL/OTH	1	1	8082	02/25 21:41
2G42475.	CAL 1660@1000PPB		OK	MS		OIL/OTH	0.5	1	608 8082	02/25 21:55

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	*R18,R28*	*Rnd Out on MsMsd (col1 and or col2) 8000 series*
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmpt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missing for sample (8000 series)	Iw	*Initial cal warning..Ini cal file <> method.*	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Fba	An Extraction Before Collection Date	M18a,M18h	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Fma	*Problem Checking Prep/rundates modcheckpreprunda*	*Mnc*	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

1-1-3G44497

RUN LOG

Instrument: GC_3 Year: 2009
Analyst: MS 0956

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3G44497.	CAL 1660@4000PPB	C16C26C18C28	NOT USED	JP		OIL/OTH	1	1	608 8082	02/17 18:08
3G44498.	CAL 1660@50PPB	C16C26C18C28	NOT USED	JP		OIL/OTH	1	1	608 8082	02/17 18:24
3G44499.	CAL 1660@2000PPB	C16C26C18C28	NOT USED	JP		OIL/OTH	1	1	608 8082	02/17 18:39
3G44500.	CAL 1660@200PPB		OK,B-4418	JP		OIL/OTH	1	1	608 8082	02/17 18:55
3G44501.	CAL 1660@500PPB		OK,B-4418	JP		OIL/OTH	1	1	608 8082	02/17 19:11
3G44502.	CAL 1660@1000PPB		OK,B-4418	JP		OIL/OTH	1	1	608 8082	02/17 19:26
3G44503.	CAL 1660@2000PPB		OK,B-4418	JP		OIL/OTH	1	1	608 8082	02/17 19:42
3G44504.	CAL 1660@4000PPB		OK,B-4418	JP		OIL/OTH	1	1	608 8082	02/17 19:58
3G44505.	CAL 1660@50PPB		OK,B-4418	JP		OIL/OTH	1	1	608 8082	02/17 20:14
3G44506.	CAL 3268@500PPB		OK,V-53147	JP		OIL/OTH	1	1	608 8082	02/17 20:29
3G44507.	CAL 1242@500PPB		OK,V-53155	JP		OIL/OTH	1	1	608 8082	02/17 20:45
3G44508.	CAL 1248@500PPB		OK,V-53153	JP		OIL/OTH	1	1	608 8082	02/17 21:00
3G44509.	CAL 2154@500PPB		OK,V-53151	JP		OIL/OTH	1	1	608 8082	02/17 21:16
3G44510.	CAL 1262@500PPB		OK,V-53149	JP		OIL/OTH	1	1	608 8082	02/17 21:32
3G44511.	ICV	Ivo	OK,V-53156	JP		OIL/OTH	1	1	8082	02/17 21:47
3G44512.	CAL 1660@500PPB		NOT USED	JP		OIL/OTH	1	1	608 8082	02/18 08:53

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Anelyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckpreprundat	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-3G44586

Instrument: GC_3 Year: 2009
Analyst: MS 0957

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3G44586.	CAL 1660@4000PPB		OK,OK,V-53142, V-53141	MS		Soil	0.125	1	608 8082	02/25 09:02
3G44587.	SMB2177B		OK	MS		Soil	1	1	8082	02/25 09:22
3G44588.	WMB3484		OK	MS		Aqueous	1	1	608 8082	02/25 09:37
3G44589.	AC42806-051		OK	MS	PCB-8082	Aqueous	1	1	8082	02/25 09:54
3G44590.	AC42868-006		OK	MS	PCB-608	Aqueous	1	1	608	02/25 10:10
3G44591.	AC42868-009		OK	MS	PCB-608	Aqueous	1	1	608	02/25 10:25
3G44592.	AC42868-012		OK	MS	PCB-608	Aqueous	1	1	608	02/25 10:40
3G44593.	CAL 1660@2000PPB		OK	MS		Aqueous	0.25	1	608 8082	02/25 10:57
3G44594.	AC42835-001		OK	MS	PCB-8082	OIL/OTH	1	1	8082	02/25 11:54
3G44595.	AC42835-002		OK	MS	PCB-8082	OIL/OTH	1	1	8082	02/25 12:10
3G44596.	AC42835-003		OK	MS	PCB-8082	OIL/OTH	1	1	8082	02/25 12:26
3G44597.	AC42835-004		OK	MS	PCB-8082	OIL/OTH	1	1	8082	02/25 12:41
3G44598.	AC42898-001		RR 1000X	MS	PCB-8082	OIL/OTH	1	1	8082	02/25 12:57
3G44599.	AC42898-002		RR 1000X	MS	PCB-8082	OIL/OTH	1	1	8082	02/25 13:13
3G44600.	AC42872-001		RR 1000X	MS	PCB-8082	OIL/OTH	1	1	8082	02/25 13:28
3G44601.	CAL 1660@2000PPB	C26C28	OK	MS+		OIL/OTH	0.25	1	608 8082	02/25 13:54
3G44602.	1000PPB	CmeSd	NOT USED	MS		OIL/OTH	0.5	1	8082	02/25 15:04

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tdn/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tdn Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruns	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

1-1-5G20436

RUN LOG

Instrument: GC_5 Year: 2009
Analyst: JP 0958

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5G20436.	CAL 1660@500PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 07:54
5G20437.	CAL 1660@4000PPB	C16C26C18C28	NOT USED	JP		Soil	1	1	608 8082	02/12 08:13
5G20438.	CAL 1660@50PPB	C16C26C18C28	NOT USED	JP		Soil	1	1	608 8082	02/12 08:31
5G20439.	CAL 1660@2000PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 08:50
5G20440.	CAL 1660@1000PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 09:08
5G20441.	CAL 1660@50PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 09:26
5G20442.	CAL 1660@200PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 09:44
5G20443.	CAL 1660@4000PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 10:07
5G20444.	CAL 3268@500PPB		OK,V-53147	JP		Soil	1	1	608 8082	02/12 10:25
5G20445.	CAL 1242@500PPB		OK,V-53155	JP		Soil	1	1	608 8082	02/12 10:43
5G20446.	CAL 1248@500PPB		OK,V-53153	JP		Soil	1	1	608 8082	02/12 11:02
5G20447.	CAL 2154@500PPB		OK,V-53151	JP		Soil	1	1	608 8082	02/12 11:20
5G20448.	CAL 1262@500PPB		OK,V-53149	JP		Soil	1	1	608 8082	02/12 11:38
5G20449.	ICV	Ivo	OK,V-53156	JP		Soil	1	1	8082	02/12 11:56
5G20450.	CAL 1660@2000PPB		NOT USED	JP		Soil	0.25	1	608 8082	02/12 12:25

Anc	Area Not Checked	Ep	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclo/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclo Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruns	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-5G20605

Instrument: GC_5 Year: 2009
Analyst: JP 0959

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5G20605.	CAL 1660@500PPB		OK,V-53144, V-53143	JP		OIL/OTH	1	1	608 8082	02/19 07:50
5G20606.	WMB3478		OK	JP		Aqueous	1	1	608 8082	02/19 08:10
5G20607.	WMB3478(MS)		OK WMB3478	JP		Aqueous	1	1	608 8082	02/19 08:28
5G20608.	AC42729-001(MS)		OK WMB3478	JP	PCB-608	Aqueous	1	1	608 8082	02/19 08:46
5G20609.	AC42729-001(MSD)		OK WMB3478	JP	PCB-608	Aqueous	1	1	608 8082	02/19 09:04
5G20610.	AC42729-001		OK	JP	PCB-608	Aqueous	1	1	608	02/19 09:23
5G20611.	AC42702-001(R)		OK	JP	PCB-608	Aqueous	1	1	608	02/19 09:41
5G20612.	AC42713-003		OK	JP	PCB-8082	Aqueous	1	1	8082	02/19 09:59
5G20613.	AC42713-002		OK	JP	PCB-8082	Aqueous	1	1	8082	02/19 10:17
5G20614.	AC42750-009		OK	JP	PCB-608	Aqueous	1	1	608	02/19 10:36
5G20615.	AC42726-010		OK	JP	PCB-608	Aqueous	1	1	608	02/19 10:54
5G20616.	CAL 1660@2000PPB		OK,, V-53142,OK,V-53142	JP		Aqueous	0.25	1	608 8082	02/19 11:24
5G20617.	AC42730-001		OK	JP	PCB-8082	Soil	1	1	8082	02/19 11:42
5G20618.	AC42730-002		OK	JP	PCB-8082	Soil	1	1	8082	02/19 12:00
5G20619.	AC42730-003		OK	JP	PCB-8082	Soil	1	1	8082	02/19 12:19
5G20620.	AC42730-004		OK	JP	PCB-8082	Soil	1	1	8082	02/19 12:37
5G20621.	AC42730-005		OK	JP	PCB-8082	Soil	1	1	8082	02/19 12:55
5G20622.	AC42730-006		OK	JP	PCB-8082	Soil	1	1	8082	02/19 13:13
5G20623.	CAL 1660@1000PPB		OK	JP		Soil	0.5	1	608 8082	02/19 13:32
5G20624.	SMB2172B		OK	JP		Soil	1	1	8082	02/19 14:17
5G20625.	SMB2172B(MS)		OK	JP		Soil	1	1	8082	02/19 14:35
5G20626.	AC42748-012(MS)		OK	JP	PCB-8082	Soil	1	1	8082	02/19 14:53
5G20627.	AC42748-012(MSD)		OK	JP	PCB-8082	Soil	1	1	8082	02/19 15:11
5G20628.	AC42748-012		OK	MS	PCB-8082	Soil	1	1	8082	02/19 15:30
5G20629.	AC42748-003		OK	MS	PCB-8082	Soil	1	1	8082	02/19 15:52
5G20630.	AC42748-004		OK	MS	PCB-8082	Soil	1	1	8082	02/19 16:10
5G20631.	AC42748-006		OK	MS	PCB-8082	Soil	1	1	8082	02/19 16:29
5G20632.	AC42748-007		OK	MS	PCB-8082	Soil	1	1	8082	02/19 16:47
5G20633.	AC42748-008		OK	MS	PCB-8082	Soil	1	1	8082	02/19 17:05
5G20634.	AC42748-009		OK	MS	PCB-8082	Soil	1	1	8082	02/19 17:23
5G20635.	AC42748-011		OK	MS	PCB-8082	Soil	1	1	8082	02/19 17:41
5G20636.	AC42748-013		OK	MS	PCB-8082	Soil	1	1	8082	02/19 18:00
5G20637.	AC42748-014		OK	MS	PCB-8082	Soil	1	1	8082	02/19 18:18
5G20638.	AC42748-015		OK	MS	PCB-8082	Soil	1	1	8082	02/19 18:36
5G20639.	CAL 1660@1000PPB		OK	MS		Soil	0.5	1	608 8082	02/19 18:54
5G20640.	2000PPB	Cme	NOT USED	MS		Soil	0.25	1	8082	02/19 19:12

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrot.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method.	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Undated Properly for a samol	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eha	Ao Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckprepruna	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-50725

Prepared By: Desai, Kinjal
Description: PEST/PCB SURR
Prep Date: 8/26/2008
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2833	Acetone	100 ml	neat neat	
2886	2,4,5,6-Tetrachloro-m-xylene	20 mg	neat neat	200 ppm
2885	Decachlorobiphenyl	20 mg	neat neat	200 ppm

Veritech Lot Number: V-51693

Prepared By: Shah, Meghaben A.
Description: PCB SPIKE
Prep Date: 9/10/2008
Expiration Date: 3/9/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3533	AROCLOR 1016	8 ml	1000 ppm	100 ppm
3014	Aroclor 1016	2 ml	1000 ppm	100 ppm
3532	AROCLOR 1260	10 ml	1000 ppm	100 ppm
3512	acetone	80 ml	neat neat	100 ppm

Veritech Lot Number: V-53139

Prepared By: Patel, Jignesh
Description: 1660-INTERMEDIATE
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	3750 ul	neat neat	neat
2983	Aroclor 1016	500 ul	1000 ppm	100 ppm
3012	Aroclor 1260	500 ul	1000 ppm	100 ppm
V-50725	PEST/PCB SURR	250 ul	200 ppm	10 ppm

Veritech Lot Number: V-53140

Prepared By: Patel, Jignesh
Description: CAL 1660@50PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 50 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53139	1660-INTERMEDIATE	25 ul	100 ppm	50 ppb
3590	hexanes	49975 ul	neat neat	neat

Veritech Lot Number: V-53141

Prepared By: Patel, Jignesh
Description: CAL 1660@4000PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 4000 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53139	1660-INTERMEDIATE	2000 ul	100 ppm	4000 ppb
3590	hexanes	48000 ul	neat neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53142

Prepared By: Patel, Jignesh
Description: CAL 1660@2000PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 2000 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53139	1660-INTERMEDIATE	1000 ul	100 ppm	2000 ppb
3590	hexanes	49000 ul	neat neat	neat

Veritech Lot Number: V-53143

Prepared By: Patel, Jignesh
Description: CAL 1660@1000PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 1000 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53139	1660-INTERMEDIATE	500 ul	100 ppm	1000 ppb
3590	hexanes	49500 ul	neat neat	neat

Veritech Lot Number: V-53144

Prepared By: Patel, Jignesh
Description: CAL 1660@500PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 500 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49750 ul	neat neat	neat
V-53139	1660-INTERMEDIATE	250 ul	100 ppm	500 ppb

Veritech Lot Number: V-53145

Prepared By: Patel, Jignesh
Description: CAL 1660@200PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 200 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49900 ul	neat neat	neat
V-53139	1660-INTERMEDIATE	100 ul	100 ppm	200 ppb

Veritech Lot Number: V-53146

Prepared By: Patel, Jignesh
Description: 3268 inter
Prep Date: 10/2/1980
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
1656	AROCLOR 1232	100 ul	1000 ppm	100 ppm
3114	AROCLOR 1268	100 ul	1000 ppm	100 ppm
3590	hexanes	750 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53147

Prepared By: Patel, Jignesh
Description: 3268 ws
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-53146	3268 inter	50 ul	100 ppm	500 ppb
3590	hexanes	9950 ul	neat neat	

Veritech Lot Number: V-53148

Prepared By: Patel, Jignesh
Description: 1262 inter
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
3636	Aroclor 1262	100 ul	1000 ppm	100 ppm
3590	hexanes	850 ul	neat neat	

Veritech Lot Number: V-53149

Prepared By: Patel, Jignesh
Description: 1262 ws
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	9950 ul	neat neat	
V-53148	1262 inter	50 ul	100 ppm	500 ppb

Veritech Lot Number: V-53150

Prepared By: Patel, Jignesh
Description: 2154 inter
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3011	Aroclor 1254	100 ul	1000 ppm	100 ppm
3590	hexanes	750 ul	neat neat	
3007	Aroclor 1221	100 ul	1000 ppm	100 ppm
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-53151

Prepared By: Patel, Jignesh
Description: 2154 ws
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53150	2154 inter	50 ul	100 ppm	500 ppb
3590	hexanes	9950 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53152

Prepared By: Patel, Jignesh
Description: 1248 inter
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	850 ul	neat neat	
3010	Aroclor 1248	100 ul	1000 ppm	100 ppm
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-53153

Prepared By: Patel, Jignesh
Description: 1248 ws
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	9950 ul	neat neat	
V-53152	1248 inter	50 ul	100 ppm	500 ppb

Veritech Lot Number: V-53154

Prepared By: Patel, Jignesh
Description: 1242 inter
Prep Date: 10/2/2008
Expiration Date: 2/28/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3009	Aroclor 1242	100 ul	1000 ppm	100 ppm
3590	hexanes	850 ul	neat neat	
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-53155

Prepared By: Patel, Jignesh
Description: 1242 ws
Prep Date: 10/2/2008
Expiration Date: 2/28/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	9950 ul	neat neat	
V-53154	1242 inter	50 ul	100 ppm	500 ppb

Veritech Lot Number: V-53156

Prepared By: Patel, Jignesh
Description: PCB1660@1000PPB ICV
Prep Date: 10/2/2008
Expiration Date: 3/9/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-51693	PCB SPIKE	100 ul	100 ppm	1000 ppb
3590	hexanes	9895 ul	neat neat	
V-50725	PEST/PCB SURR	5 ul	200 ppm	100 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58194

Prepared By:	Shah, Meghaben A.	Department:	Organics
Description:	PCB SPIKE	BatchNumber:	
Prep Date:	12/31/2008	Concentration:	100 ppm
Expiration Date:	6/30/2009	Final Volume:	100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3611	Ar.1016	8 ml	1000 ug/ml	100 ppm
3610	Ar.1260	10 ml	1001 ug/ml	100 ppm
3701	acetone	80 ml	neat neat	100 ppm

Veritech Lot Number: V-59621

Prepared By:	Shah, Meghaben A.	Department:	Organics
Description:	PEST/PCB SURROGATE	BatchNumber:	
Prep Date:	1/26/2009	Concentration:	10 ppm
Expiration Date:	7/25/2009	Final Volume:	500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3740	Acetone	475 ml	neat neat	10 ppm
V-50725	PEST/PCB SURR	25 ml	200 ppm	10 ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1656

Description
AROCLOR 1232

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	4-4805	LB27674	03/23/06	02/28/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 2833

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A40-4	072330	10/29/07	10/28/09	Lopez, Jose	24	4L	neat	neat

Veritech Control/Receipt Number: 2885

Description
Decachlorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2537	LB51032	11/19/07	08/31/10	Hamid, Akmal	2	100m	neat	neat

Veritech Control/Receipt Number: 2886

Description
2,4,5,6-Tetrachloro-m-xylene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2298	LB51139	11/19/07	08/31/10	Hamid, Akmal	1	1000	neat	neat

Veritech Control/Receipt Number: 2983

Description
Aroclor 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	4-8097	LB51522	01/10/08	09/30/10	Hamid, Akmal	1	1ml	1000	ppm

Veritech Control/Receipt Number: 3007

Description
Aroclor 1221

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	4-8098	LB51523	01/25/08	08/31/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3009

Description
Aroclor 1242

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44806	LB36758	01/25/08	02/28/09	Revolus, Jean	1	1ML	1000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3010

Description
Aroclor 1248

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44807	LB38674	01/25/08	04/30/09	Revolus, Jean	1	1ml	1000	PPM

Veritech Control/Receipt Number: 3011

Description
Aroclor 1254

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44808	LB47434	01/25/08	04/30/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3012

Description
Aroclor 1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44809	LB44780	01/25/08	01/31/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3014

Description
Aroclor 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-216S-H-10X	B7040041	01/25/08	04/30/17	Revolus, Jean	10	1ML	1000	PPM

Veritech Control/Receipt Number: 3114

Description
AROCLOR 1268

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	32410	A047489	02/29/08	10/31/13	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3512

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9254-03	G11E28	08/05/08	08/04/10	Okomeng, Maxwel	24	4LT	neat	neat

Veritech Control/Receipt Number: 3532

Description
AROCLOR 1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-260S-H-10X-PAK	B7020234	08/07/08	02/23/17	Revolus, Jean	10	1ML	1000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3533

Description
AROCLOR 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-216S-H-10X-PAK	B8070163	08/07/08	07/15/18	Revolus, Jean	10	1ML	1000	PPM

Veritech Control/Receipt Number: 3590

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9262-03	G35E38	09/05/08	09/04/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Control/Receipt Number: 3610

Description
Ar.1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accu.Std	C260s-10x-pak	B-8080352	09/18/08	08/31/18	Hamid, Akmal	10	1ml	1001	ug/ml

Veritech Control/Receipt Number: 3611

Description
Ar.1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accu.Std	C-216-h-10x-pak	B8070163	09/18/08	07/31/18	Hamid, Akmal	10	1ml	1000	ug/ml

Veritech Control/Receipt Number: 3636

Description
Aroclor 1262

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44810	LB54743	09/26/08	01/31/11	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3701

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9254-03	G36E35	10/28/08	10/27/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3740

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	11/11/08	11/10/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3791

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	12/23/08	12/22/10	Okomeng, Maxwel	28	4LT	neat	neat

Veritech Control/Receipt Number: 3793

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926203	G43E41	12/23/08	12/22/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58194

Prepared By: Shah, Meghaben A.
Description: PCB SPIKE
Prep Date: 12/31/2008
Expiration Date: 6/30/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3611	Ar.1016	8 ml	1000 ug/ml	100 ppm
3610	Ar.1260	10 ml	1001 ug/ml	100 ppm
3701	acetone	80 ml	neat neat	100 ppm

Veritech Lot Number: V-59621

Prepared By: Shah, Meghaben A.
Description: PEST/PCB SURROGATE
Prep Date: 1/26/2009
Expiration Date: 7/25/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3740	Acetone	475 ml	neat neat	10 ppm
V-50725	PEST/PCB SURR	25 ml	200 ppm	10 ppm

Veritech Lot Number: V-61374

Prepared By: Patel, Jignesh
Description: 2154 inter
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3007	Aroclor 1221	100 ul	1000 ppm	100 ppm
3011	Aroclor 1254	100 ul	1000 ppm	100 ppm
3863	hexanes	750 ul	neat neat	
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-61375

Prepared By: Patel, Jignesh
Description: 2154 ws
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61374	2154 inter	50 ul	100 ppm	500 ppb
3863	hexanes	9950 ul	neat neat	

Veritech Lot Number: V-61376

Prepared By: Patel, Jignesh
Description: 1262 inter
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3636	Aroclor 1262	100 ul	1000 ppm	100 ppm
3863	hexanes	850 ul	neat neat	
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61377

Prepared By:	Patel, Jignesh	Department:	Organics
Description:	1262 ws	BatchNumber:	
Prep Date:	2/23/2009	Concentration:	500 ppb
Expiration Date:	8/22/2009	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3863	hexanes	9950 ul	neat neat	
V-61376	1262 inter	50 ul	100 ppm	500 ppb

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1656

Description
AROCLOR 1232

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	4-4805	LB27674	03/23/06	02/28/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 2833

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A40-4	072330	10/29/07	10/28/09	Lopez, Jose	24	4L	neat	neat

Veritech Control/Receipt Number: 2885

Description
Decachlorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2537	LB51032	11/19/07	08/31/10	Hamid, Akmal	2	100m	neat	neat

Veritech Control/Receipt Number: 2886

Description
2,4,5,6-Tetrachloro-m-xylene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2298	LB51139	11/19/07	08/31/10	Hamid, Akmal	1	1000	neat	neat

Veritech Control/Receipt Number: 2983

Description
Aroclor 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	4-8097	LB51522	01/10/08	09/30/10	Hamid, Akmal	1	1ml	1000	ppm

Veritech Control/Receipt Number: 3007

Description
Aroclor 1221

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	4-8098	LB51523	01/25/08	08/31/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3009

Description
Aroclor 1242

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44806	LB36758	01/25/08	02/28/09	Revolus, Jean	1	1ML	1000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3010

Description
Aroclor 1248

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44807	LB38674	01/25/08	04/30/09	Revolus, Jean	1	1ml	1000	PPM

Veritech Control/Receipt Number: 3011

Description
Aroclor 1254

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44808	LB47434	01/25/08	04/30/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3012

Description
Aroclor 1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44809	LB44780	01/25/08	01/31/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3014

Description
Aroclor 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-216S-H-10X	B7040041	01/25/08	04/30/17	Revolus, Jean	10	1ML	1000	PPM

Veritech Control/Receipt Number: 3114

Description
AROCLOR 1268

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	32410	A047489	02/29/08	10/31/13	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3512

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9254-03	G11E28	08/05/08	08/04/10	Okomeng, Maxwel	24	4LT	neat	neat

Veritech Control/Receipt Number: 3532

Description
AROCLOR 1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-260S-H-10X-PAK	B7020234	08/07/08	02/23/17	Revolus, Jean	10	1ML	1000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3533

Description
AROCLOR 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-216S-H-10X-PAK	B8070163	08/07/08	07/15/18	Revolus, Jean	10	1ML	1000	PPM

Veritech Control/Receipt Number: 3590

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9262-03	G35E38	09/05/08	09/04/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Control/Receipt Number: 3610

Description
Ar.1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accu.Std	C260s-10x-pak	B-8080352	09/18/08	08/31/18	Hamid, Akmal	10	1ml	1001	ug/ml

Veritech Control/Receipt Number: 3611

Description
Ar.1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accu.Std	C-216-h-10x-pak	B8070163	09/18/08	07/31/18	Hamid, Akmal	10	1ml	1000	ug/ml

Veritech Control/Receipt Number: 3636

Description
Aroclor 1262

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44810	LB54743	09/26/08	01/31/11	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3701

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9254-03	G36E35	10/28/08	10/27/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3740

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	11/11/08	11/10/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3863

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926203	G43E41	01/20/09	01/19/10	Okomeng, Maxwel	8	4LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3762

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	11/25/08	11/24/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3780

Description
Sodium Sulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Seidler	140104	401203	12/09/08	12/08/10	Lopez, Jose	4	100lb	neat	neat

Veritech Control/Receipt Number: 3792

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G44E07	12/23/08	12/22/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3858

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G54403	01/20/09	01/19/11	Okomeng, Maxwel	120	4LT	neat	neat

GC Pesticide Data

GC Pesticide Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8081A

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
5G20761.D	SMB2178B	Soil	02/25/09 14:00	1		103	105	98	96		
6G12740.D	SMB2176B	Soil	02/25/09 00:46	1		108	106	116	113		
5G20763.D	AC42868-001	Soil	02/25/09 14:37	1		74	77	75	75		
5G20764.D	AC42868-002	Soil	02/25/09 14:55	1		70	73	71	71		
6G12796.D	AC42868-003	Soil	02/26/09 14:12	1		87	85	95	102		
6G12775.D	AC42868-004	Soil	02/26/09 05:02	1		80	78	84	83		
6G12776.D	AC42868-005	Soil	02/26/09 05:17	1		86	81	99	97		
5G20762.D	SMB2178B(M	Soil	02/25/09 14:19	1		101	102	94	92		
6G12741.D	SMB2176B(M	Soil	02/25/09 01:01	1		105	107	119	114		
6G12742.D	AC42866-012	Soil	02/25/09 01:17	1		105	100	113	111		
6G12743.D	AC42866-012(	Soil	02/25/09 01:32	1		103	101	118	113		
6G12744.D	AC42866-012(	Soil	02/25/09 01:47	1		100	100	117	111		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8081

Soil Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	35-148
S2=TCMX-Surrogate	100	35-148
S3=DCB-Surrogate	100	21-177
S4=DCB-Surrogate	100	21-177

FORM2

Surrogate Recovery

Method: EPA 608

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
5G20751.D	WMB3484	Aqueous	02/25/09 09:31	1		87	90	85	83		
6G12556.D	WMB3476	Aqueous	02/18/09 08:32	1		78	80	98	102		
5G20754.D	AC42868-006	Aqueous	02/25/09 10:25	1		90	95	79	80		
5G20755.D	AC42868-009	Aqueous	02/25/09 10:44	1		78	82	73	74		
5G20756.D	AC42868-012	Aqueous	02/25/09 11:02	1		99	101	70	71		
5G20752.D	WMB3484(MS	Aqueous	02/25/09 09:49	1		75	74	85	83		
6G12567.D	AC42612-001(	Aqueous	02/18/09 11:28	1		89	88	90	94		
6G12579.D	WMB3476(MS	Aqueous	02/19/09 00:47	1		96	92	109	108		
6G12580.D	AC42612-001(	Aqueous	02/19/09 01:02	1		90	86	109	106		
6G12581.D	AC42612-001(	Aqueous	02/19/09 01:17	1		81	79	102	99		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 608

Aqueous Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	36-144
S2=TCMX-Surrogate	100	36-144
S3=DCB-Surrogate	100	28-175
S4=DCB-Surrogate	100	28-175

Form3

MBS Data

Method: 608

Data File:==>					5G20752.D														
Data/Batch/Sample ID:==>					WMB3484(MS)														
Date/Time:==>					02/25/09 09:49														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aldrin		42-122	1	0	95.02	100	95												
alpha-BHC		37-134	1	0	98.66	100	99												
beta-BHC		17-147	1	0	85.98	100	86												
delta-BHC		19-140	1	0	81.92	100	82												
Dieldrin		36-146	1	0	96.86	100	97												
Endosulfan I		45-153	1	0	96.99	100	97												
Endosulfan II		0-202	1	0	98.56	100	99												
Endosulfan Sulfate		26-144	1	0	89.18	100	89												
Endrin		30-147	1	0	104.9	100	105												
gamma-BHC		32-127	1	0	93.57	100	94												
Heptachlor		34-111	1	0	93.43	100	93												
Heptachlor Epoxide		37-142	1	0	96.6	100	97												
p,p'-DDD		31-141	1	0	98.02	100	98												
p,p'-DDE		30-145	1	0	94.61	100	95												
p,p'-DDT		25-160	1	0	105.3	100	105												

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

Form3

MBS Data

Method: 8081

Data File:==>					5G20762.D														
Data/Batch/Sample ID:==>					SMB2178B(MS)														
Date/Time:==>					02/25/09 14:19														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aldrin	51-130		1	0	102.4	100	102												
alpha-BHC	53-136		1	0	102.6	100	103												
beta-BHC	40-156		1	0	95.41	100	95												
delta-BHC	52-124		1	0	90.99	100	91												
Dieldrin	52-141		1	0	101.3	100	101												
Endosulfan I	50-134		1	0	101.9	100	102												
Endosulfan II	54-129		1	0	99.12	100	99												
Endosulfan Sulfate	55-131		1	0	92.39	100	92												
Endrin	56-138		1	0	99.96	100	100												
Endrin Aldehyde	20-137		1	0	96.83	100	97												
Endrin Ketone	56-134		1	0	95.5	100	95												
gamma-BHC	56-129		1	0	100.7	100	101												
Heptachlor	53-136		1	0	100.2	100	100												
Heptachlor Epoxide	56-128		1	0	100.8	100	101												
Methoxychlor	35-159		1	0	106.1	100	106												
p,p'-DDD	51-157		1	0	101.2	100	101												
p,p'-DDE	40-164		1	0	100.6	100	101												
p,p'-DDT	20-167		1	0	107.2	100	107												

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

FORM 3

Spike Recovery

Batch Number: WMB3476
Mbs Name: WMB3476(MS)
Ns Name: AC42612-001(T)
Ms Name: AC42612-001(T)(M
Msd Name: AC42612-001(T)(M

Mbs File: 6G12579.D
Non Spk'd File: 6G12567.D
Spike File: 6G12580.D
Spike Dup File: 6G12581.D
Matrix: Aqueous
Method: EPA 608

Mbs Date: 02/19/09 00:47
Non Spk'd Date: 02/18/09 11:28
Spike Date : 02/19/09 01:02
Spike Dup Date: 02/19/09 01:17

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	37	134	23	107.65	0.00	103.02	96.81	108	103	97	6.2
gamma-BHC	3	1	0	100	32	127	23	114.44	0.00	110.51	102.79	114	111	103	7.2
beta-BHC	4	1	0	100	17	147	27	119.02	0.00	119.38	111.77	119	119	112	6.6
Heptachlor	5	1	0	100	34	111	21	108.98	0.00	107.21	100.79	109	107	101	6.2
delta-BHC	6	1	0	100	19	140	24	99.88	0.00	99.40	92.91	100	99	93	6.7
Aldrin	7	1	0	100	42	122	23	113.56	0.00	109.85	103.29	114	110	103	6.2
Heptachlor Epoxide	8	1	0	100	37	142	17	112.22	0.00	110.52	103.53	112	111	104	6.5
Endosulfan I	11	1	0	100	45	153	30	123.95	0.00	121.87	114.56	124	122	115	6.2
p,p'-DDE	12	1	0	100	30	145	18	119.01	0.00	117.15	109.56	119	117	110	6.7
Dieldrin	13	1	0	100	36	146	26	117.28	0.00	115.98	107.43	117	116	107	7.7
Endrin	14	1	0	100	30	147	20	119.34	0.00	118.26	111.57	119	118	112	5.8
p,p'-DDD	15	1	0	100	31	141	21	120.49	0.00	120.00	110.91	120	120	111	7.9
Endosulfan II	16	1	0	100	0	202	20	116.75	0.00	115.21	108.65	117	115	109	5.9
p,p'-DDT	17	1	0	100	25	160	22	117.22	0.00	117.74	109.58	117	118	110	7.2
Endosulfan Sulfate	19	1	0	100	26	144	26	110.79	0.00	110.08	107.35	111	110	107	2.5

Note:

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

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

FORM 3

Spike Recovery

Batch Number: SMB2176B
Mbs Name: SMB2176B(MS)
Ns Name: AC42866-012
Ms Name: AC42866-012(MS)
Msd Name: AC42866-012(MSD

Mbs File: 6G12741.D
Non Spk'd File: 6G12742.D
Spike File: 6G12743.D
Spike Dup File: 6G12744.D
Matrix: Soil
Method: EPA 8081A

Mbs Date: 02/25/09 01:01
Non Spk'd Date: 02/25/09 01:17
Spike Date : 02/25/09 01:32
Spike Dup Date: 02/25/09 01:47

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	53	136	29	115.75	0.00	109.34	108.35	116	109	108	0.91
gamma-BHC	3	1	0	100	56	129	27	121.83	0.00	109.63	108.41	122	110	108	1.1
beta-BHC	4	1	0	100	40	156	34	129.56	0.00	118.16	119.41	130	118	119	1.1
Heptachlor	5	1	0	100	53	136	33	115.57	0.00	113.09	111.09	116	113	111	1.8
delta-BHC	6	1	0	100	52	124	31	108.79	0.00	101.99	100.24	109	102	100	1.7
Aldrin	7	1	0	100	51	130	34	121.35	0.00	112.51	110.81	121	113	111	1.5
Heptachlor Epoxide	8	1	0	100	56	128	38	115.95	0.00	106.65	103.84	116	107	104	2.7
Endosulfan I	11	1	0	100	50	134	33	129.51	0.00	123.36	122.70	130	123	123	0.54
p,p'-DDE	12	1	0	100	40	164	41	123.66	0.00	119.05	117.90	124	119	118	0.97
Dieldrin	13	1	0	100	52	141	28	119.24	0.00	115.03	114.09	119	115	114	0.82
Endrin	14	1	0	100	56	138	35	127.28	0.00	127.64	123.07	127	128	123	3.6
p,p'-DDD	15	1	0	100	51	157	54	125.56	6.49	138.71	144.56	126	132	138	4.1
Endosulfan II	16	1	0	100	54	129	31	119.01	0.00	111.64	109.95	119	112	110	1.5
p,p'-DDT	17	1	0	100	20	167	32	114.53	87.10	135.86	124.67	115	49	38	8.6
Endrin Aldehyde	18	1	0	100	20	137	45	103.56	0.00	47.28	44.73	104	47	45	5.5
Endosulfan Sulfate	19	1	0	100	55	131	36	112.85	0.00	99.90	98.45	113	100	98	1.5
Methoxychlor	20	1	0	100	35	159	71	113.74	0.00	107.22	106.37	114	107	106	0.8
Endrin Ketone	21	1	0	100	56	134	29	120.89	0.00	111.38	110.77	121	111	111	0.55

Note:

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

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

FORM 4
Blank Summary

Blank Number: WMB3476
Blank Data File: 6G12556.D
Matrix: Aqueous

Blank Analysis Date: 02/18/09 08:32
Blank Extraction Date: 02/17/09
(If Applicable)
Method: EPA 608

Sample Number	Data File	Analysis Date
AC42612-001(T)(M	6G12581.D	02/19/09 01:17
AC42612-001(T)(M	6G12580.D	02/19/09 01:02
WMB3476(MS)	6G12579.D	02/19/09 00:47
AC42612-001(T)	6G12567.D	02/18/09 11:28

FORM 4
Blank Summary

Blank Number: WMB3484
Blank Data File: 5G20751.D
Matrix: Aqueous

Blank Analysis Date: 02/25/09 09:31
Blank Extraction Date: 02/24/09
(If Applicable)
Method: EPA 608

Sample Number	Data File	Analysis Date
AC42868-006	5G20754.D	02/25/09 10:25
AC42868-009	5G20755.D	02/25/09 10:44
AC42868-012	5G20756.D	02/25/09 11:02
WMB3484(MS)	5G20752.D	02/25/09 09:49

FORM 4
Blank Summary

Blank Number: SMB2176B
Blank Data File: 6G12740.D
Matrix: Soil

Blank Analysis Date: 02/25/09 00:46
Blank Extraction Date: 02/24/09
(If Applicable)
Method: EPA 8081A

Sample Number	Data File	Analysis Date
AC42866-012(MSD	6G12744.D	02/25/09 01:47
AC42866-012(MS)	6G12743.D	02/25/09 01:32
AC42866-012	6G12742.D	02/25/09 01:17
SMB2176B(MS)	6G12741.D	02/25/09 01:01

FORM 4
Blank Summary

Blank Number: SMB2178B
Blank Data File: 5G20761.D
Matrix: Soil

Blank Analysis Date: 02/25/09 14:00
Blank Extraction Date: 02/25/09
(If Applicable)
Method: EPA 8081A

Sample Number	Data File	Analysis Date
AC42868-001	5G20763.D	02/25/09 14:37
AC42868-002	5G20764.D	02/25/09 14:55
AC42868-003	6G12796.D	02/26/09 14:12
AC42868-004	6G12775.D	02/26/09 05:02
AC42868-005	6G12776.D	02/26/09 05:17
SMB2178B(MS)	5G20762.D	02/25/09 14:19

Form 5

Method: EPA 8081A

Instrument: GC_6 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
6G12334.	CAL EVAL	02/09/09 23:01	Soil					
6G12335.	CAL PEST@400PPB	02/09/09 23:16	Soil		10.5143	0	11.0255	0
6G12336.	CAL PEST@2PPB	02/09/09 23:31	Soil		10.5151	0	11.0272	0
6G12337.	CAL PEST@10PPB	02/09/09 23:46	Soil		10.5159	0	11.0285	0
6G12338.	CAL PEST@50PPB	02/10/09 00:01	Soil		10.5150	0.0171	11.0279	0
6G12339.	CAL PEST@100PPB	02/10/09 00:16	Soil	6G12342.	10.5151	0.0162	11.0282	0.01
6G12340.	CAL PEST@200PPB	02/10/09 00:32	Soil	6G12342.	10.5143	0.0238	11.0268	0.0227
6G12341.	CAL PEST@400PPB	02/10/09 00:47	Soil	6G12342.	10.5128	0.038	11.0261	0.029
6G12342.	CAL PEST@2PPB	02/10/09 01:02	Soil	6G12342.	10.5168	0	11.0293	0
6G12343.	CAL PEST@10PPB	02/10/09 01:17	Soil	6G12342.	10.5159	0.0086	11.0280	0.0118
6G12344.	CAL CHLO@100PPB	02/10/09 01:32	Soil	6G12342.	10.5145	0.0219	11.0292	0.0009
6G12345.	CAL TOX@500PPB	02/10/09 01:47	Soil	6G12342.	10.5151	0.0162	11.0284	0.0082
6G12346.	ICV	02/10/09 02:02	Soil	6G12342.	10.5135	0.0314	11.0270	0.0208
6G12347.	CAL EVAL	02/10/09 02:17	Soil					
6G12348.	SMB2161B	02/10/09 02:32	Soil	6G12342.	10.5132	0.0342	11.0274	0.0172
6G12349.	SMB2161B(MS)	02/10/09 02:48	Soil	6G12342.	10.5135	0.0314	11.0275	0.0163
6G12350.	SMB2162B	02/10/09 03:03	Soil	6G12342.	10.5139	0.0276	11.0284	0.0082
6G12351.	SMB2162B(MS)	02/10/09 03:18	Soil	6G12342.	10.5134	0.0323	11.0270	0.0208
6G12352.	AC42499-008	02/10/09 03:33	Soil	6G12342.	10.5144	0.0228	11.0270	0.0208
6G12353.	AC42499-014	02/10/09 03:48	Soil	6G12342.	10.5138	0.0285	11.0262	0.0281
6G12354.	AC42499-016	02/10/09 04:03	Soil	6G12342.	10.5140	0.0266	11.0268	0.0227
6G12355.	AC42499-017	02/10/09 04:18	Soil	6G12342.	10.5161	0.0067	11.0300	0.0063
6G12356.	AC42499-018	02/10/09 04:33	Soil	6G12342.	10.5169	0.001	11.0286	0.0063
6G12357.	AC42499-019	02/10/09 04:48	Soil	6G12342.	10.5177	0.0086	11.0297	0.0036
6G12358.	AC42499-020	02/10/09 05:03	Soil	6G12342.	10.5175	0.0067	11.0303	0.0091
6G12359.	AC42499-021	02/10/09 05:18	Soil	6G12342.	10.5186	0.0171	11.0310	0.0154
6G12360.	AC42546-001	02/10/09 05:34	Soil	6G12342.	10.5181	0.0124	11.0302	0.0082
6G12361.	AC42546-002	02/10/09 05:49	Soil	6G12342.	10.5167	0.001	11.0311	0.0163
6G12362.	AC42546-003	02/10/09 06:04	Soil	6G12342.	10.5180	0.0114	11.0307	0.0127
6G12363.	AC42546-004	02/10/09 06:19	Soil	6G12342.	10.5172	0.0038	11.0310	0.0154
6G12364.	AC42546-005	02/10/09 06:34	Soil	6G12342.	10.5177	0.0086	11.0312	0.0172
6G12365.	AC42499-007	02/10/09 06:49	Soil	6G12342.	10.5187	0.0181	11.0309	0.0145
6G12366.	AC42499-006	02/10/09 07:04	Soil	6G12342.	10.5197	0.0276	11.0323	0.0272
6G12367.	CAL PEST@200PPB	02/10/09 08:22	Soil	6G12342.	10.5172	0.0038	11.0266	0.0245
6G12368.	CAL EVAL	02/10/09 09:08	Soil					
6G12369.	AC42524-003	02/10/09 09:34	Soil	6G12367.	10.5210	0.0361	11.0279	0.0118
6G12370.	AC42524-003(MS)	02/10/09 09:49	Soil	6G12367.	10.5184	0.0114	11.0285	0.0172
6G12371.	AC42524-003(MSD)	02/10/09 10:04	Soil	6G12367.	10.5172	0	11.0292	0.0236
6G12372.	AC42524-001	02/10/09 10:23	Soil	6G12367.	10.5223	0.0485	11.0324	0.0526
6G12373.	AC42524-002	02/10/09 10:38	Soil	6G12367.	10.5199	0.0257	11.0317	0.0462
6G12374.	AC42524-004	02/10/09 10:54	Soil	6G12367.	10.5212	0.038	11.0330	0.058
6G12375.	AC42524-005	02/10/09 11:09	Soil	6G12367.	10.5194	0.0209	11.0341	0.068
6G12376.	AC42524-006	02/10/09 11:26	Soil	6G12367.	10.5213	0.039	11.0332	0.0598
6G12377.	AC42524-007	02/10/09 11:41	Soil	6G12367.	10.5205	0.0314	11.0325	0.0535
6G12378.	AC42524-008	02/10/09 11:56	Soil	6G12367.	10.5218	0.0437	11.0340	0.0671
6G12379.	AC42524-009	02/10/09 12:14	Soil	6G12367.	10.5243	0.0675	11.0337	0.0644
6G12380.	AC42524-010	02/10/09 12:30	Soil	6G12367.	10.5238	0.0627	11.0351	0.0771
6G12381.	AC42524-011	02/10/09 12:45	Soil	6G12367.	10.5234	0.0589	11.0342	0.0689
6G12382.	AC42524-012	02/10/09 13:00	Soil	6G12367.	10.5225	0.0504	11.0348	0.0743
6G12383.	AC42524-013	02/10/09 13:15	Soil	6G12367.	10.5231	0.0561	11.0343	0.0698
6G12384.	AC42524-014	02/10/09 13:30	Soil	6G12367.	10.5226	0.0513	11.0347	0.0734
6G12385.	AC42499-006(2X)	02/10/09 13:45	Soil	6G12367.	10.5260	0.0836	11.0376	0.0997
6G12386.	CAL PEST@200PPB	02/10/09 14:35	Soil	6G12367.	10.5199	0.0257	11.0305	0.0354
6G12387.	MBS2161B	02/10/09 14:54	Soil	6G12386.	10.5207	0.0076	11.0307	0.0018
6G12388.	MBS2163B	02/10/09 15:09	Soil	6G12386.	10.5163	0.0342	11.0282	0.0209
6G12389.	MBS2161B	02/10/09 15:25	Soil	6G12386.	10.5161	0.0361	11.0281	0.0218
6G12390.	SMB2163B	02/10/09 15:40	Soil	6G12386.	10.5154	0.0428	11.0284	0.019
6G12391.	CAL PEST@200PPB	02/10/09 16:29	Soil	6G12386.	10.5182	0.0162	11.0287	0.0163

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8081A

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20470.	CAL EVAL	02/13/09 08:43	Aqueous					
5G20471.	CAL PEST@200PPB	02/13/09 09:59	Aqueous	5G20471.	13.0327	0	13.5727	0
5G20472.	200PPB	02/13/09 10:31	Aqueous	5G20471.	13.0355	0.0215	13.5726	0.0007
5G20473.	TEST	02/13/09 11:14	Aqueous	5G20471.	13.0399	0.0552	13.5710	0.0125
5G20474.	CAL EVAL	02/13/09 11:35	Aqueous					
5G20475.	CAL PEST@400PPB	02/13/09 11:53	Aqueous	5G20471.	13.0328	0.0008	13.5717	0.0074
5G20476.	CAL PEST@2PPB	02/13/09 12:11	Aqueous	5G20471.	13.0336	0.0069	13.5731	0.003
5G20477.	CAL PEST@10PPB	02/13/09 12:30	Aqueous	5G20471.	13.0335	0.0061	13.5728	0.0007
5G20478.	CAL PEST@50PPB	02/13/09 12:48	Aqueous	5G20471.	13.0330	0.0261	13.5718	0.0066
5G20479.	CAL PEST@100PPB	02/13/09 13:06	Aqueous	5G20482.	13.0333	0.0238	13.5743	0.0111
5G20480.	CAL PEST@200PPB	02/13/09 13:24	Aqueous	5G20482.	13.0323	0.0315	13.5725	0.0022
5G20481.	CAL PEST@400PPB	02/13/09 13:42	Aqueous	5G20482.	13.0334	0.023	13.5731	0.0022
5G20482.	CAL PEST@2PPB	02/13/09 15:57	Aqueous	5G20482.	13.0364	0	13.5728	0
5G20483.	CAL PEST@10PPB	02/13/09 16:16	Aqueous	5G20482.	13.0339	0.0192	13.5733	0.0037
5G20484.	CAL CHLOR@100PPB	02/13/09 16:37	Aqueous	5G20482.	13.0343	0.0161	13.5717	0.0081
5G20485.	CAL TOX@500PPB	02/13/09 16:55	Aqueous	5G20482.	13.0322	0.0322	13.5725	0.0022
5G20486.	ICV	02/13/09 17:14	Aqueous	5G20482.	13.0309	0.0422	13.5710	0.0133
5G20487.	CAL EVAL	02/13/09 17:37	Aqueous					
5G20488.	AC42651-004	02/13/09 17:55	Aqueous	5G20482.	13.0307	0.0437	13.5712	0.0118
5G20489.	AC42651-005	02/13/09 18:14	Aqueous	5G20482.	13.0321	0.033	13.5724	0.0029
5G20490.	AC42651-006	02/13/09 18:32	Aqueous	5G20482.	13.0309	0.0422	13.5713	0.0111
5G20491.	AC42651-007	02/13/09 18:50	Aqueous	5G20482.	13.0300	0.0491	13.5714	0.0103
5G20492.	AC42651-008	02/13/09 19:08	Aqueous	5G20482.	13.0303	0.0468	13.5702	0.0192
5G20493.	AC42651-009	02/13/09 19:26	Aqueous	5G20482.	13.0295	0.0529	13.5693	0.0258
5G20494.	AC42651-010	02/13/09 19:45	Aqueous	5G20482.	13.0312	0.0399	13.5725	0.0022
5G20495.	AC42651-011	02/13/09 20:03	Aqueous	5G20482.	13.0312	0.0399	13.5705	0.0169
5G20496.	AC42651-012	02/13/09 20:21	Aqueous	5G20482.	13.0308	0.043	13.5712	0.0118
5G20497.	AC42644-002(T)	02/13/09 20:39	Aqueous	5G20482.	13.0308	0.043	13.5706	0.0162
5G20498.	CAL PEST@200PPB	02/13/09 20:57	Aqueous	5G20482.	13.0314	0.0384	13.5723	0.0037
5G20499.	400PPB	02/13/09 21:15	Aqueous	5G20498.	13.0314	0	13.5719	0.0029

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_6 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
6G12535.	CAL EVAL	02/18/09 02:01	Soil					
6G12536.	CAL PEST@100PPB	02/18/09 02:16	Soil	6G12536.	10.5133	0	11.0216	0
6G12537.	200PPB	02/18/09 02:31	Soil	6G12536.	10.5124	0.0086	11.0234	0.0163
6G12538.	AC42703-001	02/18/09 02:46	Soil	6G12536.	10.5105	0.0266	11.0224	0.0073
6G12539.	AC42703-002	02/18/09 03:01	Soil	6G12536.	10.5131	0.0019	11.0246	0.0272
6G12540.	AC42703-003	02/18/09 03:17	Soil	6G12536.	10.5121	0.0114	11.0243	0.0245
6G12541.	AC42703-004	02/18/09 03:32	Soil	6G12536.	10.5134	0.001	11.0264	0.0435
6G12542.	AC42703-005	02/18/09 03:47	Soil	6G12536.	10.5142	0.0086	11.0242	0.0236
6G12543.	AC42703-006	02/18/09 04:02	Soil	6G12536.	10.5148	0.0143	11.0256	0.0363
6G12544.	AC42703-007	02/18/09 04:17	Soil	6G12536.	10.5136	0.0029	11.0251	0.0318
6G12545.	AC42703-008	02/18/09 04:32	Soil	6G12536.	10.5117	0.0152	11.0253	0.0336
6G12546.	AC42703-009	02/18/09 04:47	Soil	6G12536.	10.5124	0.0086	11.0239	0.0209
6G12547.	AC42703-010	02/18/09 05:02	Soil	6G12536.	10.5143	0.0095	11.0257	0.0372
6G12548.	AC42706-001	02/18/09 05:17	Soil	6G12536.	10.5136	0.0029	11.0263	0.0426
6G12549.	AC42706-002	02/18/09 05:33	Soil	6G12536.	10.5146	0.0124	11.0273	0.0517
6G12550.	AC42706-003	02/18/09 05:48	Soil	6G12536.	10.5167	0.0323	11.0284	0.0617
6G12551.	AC42706-004	02/18/09 06:03	Soil	6G12536.	10.5162	0.0276	11.0283	0.0608
6G12552.	AC42706-005	02/18/09 06:18	Soil	6G12536.	10.5166	0.0314	11.0284	0.0617
6G12553.	AC42706-006	02/18/09 06:33	Soil	6G12536.	10.5170	0.0352	11.0288	0.0653
6G12554.	AC42706-007	02/18/09 06:48	Soil	6G12536.	10.5165	0.0304	11.0274	0.0526
6G12555.	CAL PEST@200PPB	02/18/09 08:09	Soil	6G12536.	10.5136	0.0029	11.0240	0.0218
6G12556.	WMB3476	02/18/09 08:32	Aqueous	6G12555.	10.5179	0.0409	11.0248	0.0073
6G12557.	WMB3476(MS)	02/18/09 08:47	Aqueous	6G12555.	10.5141	0.0048	11.0239	0.0009
6G12558.	CAL EVAL	02/18/09 09:02	Aqueous					
6G12559.	AC42702-001	02/18/09 09:17	Aqueous	6G12555.	10.5138	0.0019	11.0244	0.0036
6G12560.	AC42684-001	02/18/09 09:32	Aqueous	6G12555.	10.5131	0.0048	11.0249	0.0082
6G12561.	AC42684-002	02/18/09 09:47	Aqueous	6G12555.	10.5136	0	11.0248	0.0073
6G12562.	AC42684-003	02/18/09 10:02	Aqueous	6G12555.	10.5124	0.0114	11.0240	0
6G12563.	AC42684-004	02/18/09 10:17	Aqueous	6G12555.	10.5145	0.0086	11.0254	0.0127
6G12564.	AC42686-001	02/18/09 10:32	Aqueous	6G12555.	10.5138	0.0019	11.0254	0.0127
6G12565.	AC42686-002	02/18/09 10:47	Aqueous	6G12555.	10.5157	0.02	11.0252	0.0109
6G12566.	AC42684-003(20X)	02/18/09 11:10	Aqueous	6G12555.	10.5217	0.077	11.0268	0.0254
6G12567.	AC42612-001(T)	02/18/09 11:28	Aqueous	6G12555.	10.5190	0.0513	11.0266	0.0236
6G12568.	AC42612-001(T)(MS)	02/18/09 11:43	Aqueous	6G12555.	10.5170	0.0323	11.0273	0.0299
6G12569.	AC42612-001(T)(MSD)	02/18/09 11:58	Aqueous	6G12555.	10.5165	0.0276	11.0277	0.0336
6G12570.	AC42612-002(T)	02/18/09 12:13	Aqueous	6G12555.	10.5175	0.0371	11.0265	0.0227
6G12571.	AC42683-001(T)	02/18/09 12:28	Aqueous	6G12555.	10.5154	0.0171	11.0256	0.0145
6G12572.	AC42612-003(T)	02/18/09 12:43	Aqueous	6G12555.	10.5164	0.0266	11.0271	0.0281
6G12573.	EF SPLP V-59413	02/18/09 12:58	Aqueous	6G12555.	10.5168	0.0304	11.0283	0.039
6G12574.	AC42683-001(3X)	02/18/09 13:29	Aqueous	6G12555.	10.5172	0.0342	11.0272	0.029
6G12575.	CAL PEST@200PPB	02/18/09 15:15	Aqueous	6G12555.	10.5238	0.097	11.0299	0.0535

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_6 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
6G12576.	CAL EVAL	02/19/09 00:01	Aqueous					
6G12577.	100PPB	02/19/09 00:16	Aqueous					
6G12578.	CAL PEST@200PPB	02/19/09 00:31	Aqueous	6G12578.	10.5219	0	11.0294	0
6G12579.	WMB3476(MS)	02/19/09 00:47	Aqueous	6G12578.	10.5205	0.0133	11.0306	0.0109
6G12580.	AC42612-001(T)(MS)	02/19/09 01:02	Aqueous	6G12578.	10.5216	0.0029	11.0302	0.0073
6G12581.	AC42612-001(T)(MSD)	02/19/09 01:17	Aqueous	6G12578.	10.5211	0.0076	11.0295	0.0009
6G12582.	SMB2169B	02/19/09 01:32	Soil	6G12578.	10.5206	0.0124	11.0311	0.0154
6G12583.	SMB2169B(MS)	02/19/09 01:47	Soil	6G12578.	10.5205	0.0133	11.0298	0.0036
6G12584.	AC42726-003	02/19/09 02:02	Soil	6G12578.	10.5207	0.0114	11.0299	0.0045
6G12585.	AC42726-006	02/19/09 02:17	Soil	6G12578.	10.5222	0.0028	11.0309	0.0136
6G12586.	AC42726-009	02/19/09 02:33	Soil	6G12578.	10.5228	0.0086	11.0309	0.0136
6G12587.	AC42726-012	02/19/09 02:48	Soil	6G12578.	10.5223	0.0038	11.0311	0.0154
6G12588.	AC42706-019	02/19/09 03:03	Soil	6G12578.	10.5221	0.0019	11.0306	0.0109
6G12589.	AC42706-008	02/19/09 03:18	Soil	6G12578.	10.5205	0.0133	11.0298	0.0036
6G12590.	AC42706-009	02/19/09 03:33	Soil	6G12578.	10.5220	0.001	11.0317	0.0209
6G12591.	AC42706-010	02/19/09 03:48	Soil	6G12578.	10.5238	0.0181	11.0333	0.0354
6G12592.	AC42706-011	02/19/09 04:03	Soil	6G12578.	10.5239	0.019	11.0328	0.0308
6G12593.	AC42706-012	02/19/09 04:18	Soil	6G12578.	10.5239	0.019	11.0323	0.0263
6G12594.	AC42706-013	02/19/09 04:34	Soil	6G12578.	10.5233	0.0133	11.0320	0.0236
6G12595.	AC42706-014	02/19/09 04:49	Soil	6G12578.	10.5235	0.0152	11.0319	0.0227
6G12596.	AC42706-015	02/19/09 05:04	Soil	6G12578.	10.5243	0.0228	11.0325	0.0281
6G12597.	AC42706-016	02/19/09 05:19	Soil	6G12578.	10.5283	0.0608	11.0357	0.0571
6G12598.	AC42706-017	02/19/09 05:34	Soil	6G12578.	10.5277	0.0551	11.0371	0.0698
6G12599.	100PPB	02/19/09 08:20	Soil	6G12578.	10.5183	0.0342	11.0259	0.0317
6G12600.	CAL PEST@100PPB	02/19/09 08:46	Soil	6G12578.	10.5221	0.0019	11.0289	0.0045
6G12601.	CAL EVAL	02/19/09 09:07	Soil					
6G12602.	SMB2171B	02/19/09 09:25	Soil	6G12600.	10.5218	0.0029	11.0291	0.0018
6G12603.	SMB2171B(MS)	02/19/09 09:40	Soil	6G12600.	10.5204	0.0162	11.0284	0.0045
6G12604.	SMB2170B	02/19/09 09:56	Soil	6G12600.	10.5180	0.039	11.0288	0.0009
6G12605.	SMB2170B(MS)	02/19/09 10:11	Soil	6G12600.	10.5201	0.019	11.0295	0.0054
6G12606.	AC42781-002	02/19/09 10:26	Soil	6G12600.	10.5236	0.0142	11.0337	0.0435
6G12607.	AC42781-002(MS)	02/19/09 10:41	Soil	6G12600.	10.5237	0.0152	11.0333	0.0399
6G12608.	AC42781-002(MSD)	02/19/09 10:56	Soil	6G12600.	10.5264	0.0409	11.0349	0.0544
6G12609.	AC42706-018	02/19/09 11:11	Soil	6G12600.	10.4667	0.5279*	11.0344	0.0499
6G12610.	AC42587-007	02/19/09 12:10	Soil	6G12600.	10.5262	0.039	11.0336	0.0426
6G12611.	AC42587-008	02/19/09 12:25	Soil	6G12600.	10.5245	0.0228	11.0342	0.048
6G12612.	AC42587-010	02/19/09 12:40	Soil	6G12600.	10.5252	0.0295	11.0326	0.0335
6G12613.	AC42750-001	02/19/09 12:55	Soil	6G12600.	10.5242	0.02	11.0333	0.0399
6G12614.	AC42750-002	02/19/09 13:10	Soil	6G12600.	10.5243	0.0209	11.0335	0.0417
6G12615.	AC42750-005	02/19/09 13:25	Soil	6G12600.	10.5250	0.0275	11.0341	0.0471
6G12616.	AC42730-007	02/19/09 13:41	Soil	6G12600.	10.5249	0.0266	11.0347	0.0526
6G12617.	CAL PEST@400PPB	02/19/09 15:01	Soil	6G12600.	10.5242	0.02	11.0304	0.0136
6G12618.	400PPB	02/19/09 15:31	Soil	6G12617.	10.5273	0.0294	11.0329	0.0227

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8081A

Instrument: GC_6 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
6G12737.	CAL EVAL	02/25/09 00:01	Soil					
6G12738.	100PPB	02/25/09 00:16	Soil					
6G12739.	CAL PEST@400PPB	02/25/09 00:31	Soil	6G12739.	10.5051	0	11.0162	0
6G12740.	SMB2176B	02/25/09 00:46	Soil	6G12739.	10.5044	0.0067	11.0169	0.0064
6G12741.	SMB2176B(MS)	02/25/09 01:01	Soil	6G12739.	10.5037	0.0133	11.0172	0.0091
6G12742.	AC42866-012	02/25/09 01:17	Soil	6G12739.	10.5048	0.0029	11.0169	0.0064
6G12743.	AC42866-012(MS)	02/25/09 01:32	Soil	6G12739.	10.5043	0.0076	11.0164	0.0018
6G12744.	AC42866-012(MSD)	02/25/09 01:47	Soil	6G12739.	10.5048	0.0029	11.0163	0.0009
6G12745.	AC42815-001	02/25/09 02:02	Soil	6G12739.	10.5031	0.019	11.0158	0.0036
6G12746.	AC42815-002	02/25/09 02:17	Soil	6G12739.	10.5034	0.0162	11.0155	0.0064
6G12747.	AC42815-003	02/25/09 02:32	Soil	6G12739.	10.5026	0.0238	11.0161	0.0009
6G12748.	AC42815-004	02/25/09 02:47	Soil	6G12739.	10.5035	0.0152	11.0166	0.0036
6G12749.	AC42845-001	02/25/09 03:02	Soil	6G12739.	10.5035	0.0152	11.0164	0.0018
6G12750.	AC42845-002	02/25/09 03:17	Soil	6G12739.	10.5031	0.019	11.0160	0.0018
6G12751.	AC42845-003	02/25/09 03:33	Soil	6G12739.	10.5030	0.02	11.0150	0.0109
6G12752.	AC42845-004	02/25/09 03:48	Soil	6G12739.	10.5038	0.0124	11.0162	0
6G12753.	AC42866-006	02/25/09 04:03	Soil	6G12739.	10.5062	0.0105	11.0186	0.0218
6G12754.	AC42866-007	02/25/09 04:18	Soil	6G12739.	10.5063	0.0114	11.0199	0.0336
6G12755.	AC42866-010	02/25/09 04:33	Soil	6G12739.	10.5075	0.0228	11.0196	0.0309
6G12756.	AC42866-011	02/25/09 04:48	Soil	6G12739.	10.5082	0.0295	11.0201	0.0354
6G12757.	AC42866-001	02/25/09 05:03	Soil	6G12739.	10.5110	0.0561	11.0241	0.0717
6G12758.	AC42866-002	02/25/09 05:18	Soil	6G12739.	10.5129	0.0742	11.0246	0.0762
6G12759.	CAL PEST@200PPB	02/25/09 09:39	Soil	6G12739.	10.5082	0.0295	11.0151	0.01
6G12760.	CAL EVAL	02/25/09 09:54	Soil					
6G12761.	AC42859-001	02/25/09 10:18	Soil	6G12759.	10.5080	0.0019	11.0163	0.0109
6G12762.	AC42859-003	02/25/09 10:33	Soil	6G12759.	10.5033	0.0466	11.0160	0.0082
6G12763.	AC42859-005	02/25/09 10:48	Soil	6G12759.	10.5036	0.0438	11.0170	0.0173
6G12764.	AC42866-004	02/25/09 11:09	Soil	6G12759.	10.5133	0.0485	11.0215	0.0581
6G12765.	AC42866-005	02/25/09 11:24	Soil	6G12759.	10.5114	0.0305	11.0229	0.0708
6G12766.	AC42866-008	02/25/09 12:03	Soil	6G12759.	10.5190	0.1027	11.0248	0.088
6G12767.	AC42866-009	02/25/09 12:24	Soil	6G12759.	10.5202	0.1141	11.0272	0.1098
6G12768.	AC42866-003	02/25/09 12:39	Soil	6G12759.	10.5178	0.0913	11.0287	0.1234
6G12769.	400PPB	02/25/09 14:46	Soil	6G12759.	10.5119	0.0352	11.0214	0.0572
6G12770.	CAL PEST@400PPB	02/25/09 15:39	Soil	6G12759.	10.5069	0.0124	11.0176	0.0227

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8081A

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20749.	CAL EVAL	02/25/09 08:26	Aqueous					
5G20750.	CAL PEST@100PPB	02/25/09 09:11	Aqueous	5G20750.	13.0246	0	13.5630	0
5G20751.	WMB3484	02/25/09 09:31	Aqueous	5G20750.	13.0240	0.0046	13.5636	0.0044
5G20752.	WMB3484(MS)	02/25/09 09:49	Aqueous	5G20750.	13.0232	0.0107	13.5631	0.0007
5G20753.	AC42833-007(T)	02/25/09 10:07	Aqueous	5G20750.	13.0241	0.0038	13.5643	0.0096
5G20754.	AC42868-006	02/25/09 10:25	Aqueous	5G20750.	13.0238	0.0061	13.5640	0.0074
5G20755.	AC42868-009	02/25/09 10:44	Aqueous	5G20750.	13.0229	0.0131	13.5632	0.0015
5G20756.	AC42868-012	02/25/09 11:02	Aqueous	5G20750.	13.0236	0.0077	13.5662	0.0236
5G20757.	EF-1 V-61190	02/25/09 11:20	Aqueous	5G20750.	13.0242	0.0031	13.5655	0.0184
5G20758.	SMB2177B	02/25/09 11:38	Soil	5G20750.	13.0240	0.0046	13.5647	0.0125
5G20759.	SMB2177B(MS)	02/25/09 11:56	Soil	5G20750.	13.0234	0.0092	13.5645	0.0111
5G20760.	CAL PEST@200PPB	02/25/09 12:59	Soil	5G20750.	13.0277	0.0238	13.5631	0.0007
5G20761.	SMB2178B	02/25/09 14:00	Soil	5G20760.	13.0295	0.0138	13.5652	0.0155
5G20762.	SMB2178B(MS)	02/25/09 14:19	Soil	5G20760.	13.0260	0.0131	13.5650	0.014
5G20763.	AC42868-001	02/25/09 14:37	Soil	5G20760.	13.0243	0.0261	13.5633	0.0015
5G20764.	AC42868-002	02/25/09 14:55	Soil	5G20760.	13.0236	0.0315	13.5639	0.0059
5G20765.	CAL PEST@200PPB	02/25/09 15:13	Soil	5G20760.	13.0248	0.0223	13.5635	0.003

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8081A

Instrument: GC_6 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
6G12771.	CAL EVAL	02/26/09 04:01	Soil					
6G12772.	100PPB	02/26/09 04:16	Soil					
6G12773.	CAL PEST@400PPB	02/26/09 04:31	Soil	6G12773.	10.5030	0	11.0146	0
6G12774.	AC42868-003	02/26/09 04:46	Soil	6G12773.	10.5033	0.0029	11.0139	0.0064
6G12775.	AC42868-004	02/26/09 05:02	Soil	6G12773.	10.5013	0.0162	11.0137	0.0082
6G12776.	AC42868-005	02/26/09 05:17	Soil	6G12773.	10.5036	0.0057	11.0159	0.0118
6G12777.	AC42860-003	02/26/09 05:32	Soil	6G12773.	10.5027	0.0029	11.0145	0.0009
6G12778.	AC42860-005	02/26/09 05:47	Soil	6G12773.	10.5032	0.0019	11.0161	0.0136
6G12779.	AC42860-001	02/26/09 06:02	Soil	6G12773.	10.5091	0.0581	11.0214	0.0617
6G12780.	AC42861-002	02/26/09 06:17	Soil	6G12773.	10.5076	0.0438	11.0197	0.0463
6G12781.	AC42875-001	02/26/09 06:32	Soil	6G12773.	10.5082	0.0495	11.0195	0.0445
6G12782.	SMB2179B(MS)	02/26/09 08:14	Soil	6G12773.	10.5113	0.079	11.0188	0.0381
6G12783.	SMB2179B	02/26/09 08:31	Soil	6G12773.	10.5084	0.0514	11.0183	0.0336
6G12784.	AC42824-001	02/26/09 08:46	Soil	6G12773.	10.5076	0.0438	11.0190	0.0399
6G12785.	AC42824-001(MS)	02/26/09 09:01	Soil	6G12773.	10.5066	0.0343	11.0177	0.0281
6G12786.	AC42824-001(MSD)	02/26/09 09:16	Soil	6G12773.	10.5075	0.0428	11.0196	0.0454
6G12787.	AC42820-005	02/26/09 09:48	Soil	6G12773.	10.5065	0.0333	11.0187	0.0372
6G12788.	AC42820-006	02/26/09 10:03	Soil	6G12773.	10.5063	0.0314	11.0186	0.0363
6G12789.	AC42820-007	02/26/09 10:18	Soil	6G12773.	10.5158	0.1218	11.0266	0.1089
6G12790.	AC42820-008	02/26/09 10:33	Soil	6G12773.	10.5121	0.0866	11.0265	0.108
6G12791.	AC42820-009	02/26/09 10:48	Soil	6G12773.	10.5109	0.0752	11.0279	0.1207
6G12792.	AC42820-010	02/26/09 11:03	Soil	6G12773.	10.5071	0.039	11.0228	0.0744
6G12793.	AC42820-011	02/26/09 11:18	Soil	6G12773.	10.5085	0.0524	11.0222	0.069
6G12794.	CAL EVAL	02/26/09 12:49	Soil					
6G12795.	CAL PEST@100PPB	02/26/09 13:55	Soil	6G12773.	10.5088	0.0552	11.0194	0.0436
6G12796.	AC42868-003	02/26/09 14:12	Soil	6G12795.	10.5083	0.0048	11.0190	0.0036
6G12797.	SMB3037(MS)	02/26/09 14:31	Soil	6G12795.	10.5103	0.0143	11.0204	0.0091
6G12798.	SMB3037	02/26/09 14:47	Soil	6G12795.	10.5083	0.0048	11.0203	0.0082
6G12799.	CAL PEST@400PPB	02/26/09 15:28	Soil	6G12795.	10.5077	0.0105	11.0193	0.0009

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

GC Pesticide Data
Sample Data

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-001
Client Id: WB-2
Data File: 5G20763.D
Analysis Date: 02/25/09 14:37
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 72

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0069	U	7421-93-4	Endrin Aldehyde	0.0069	U
319-84-6	alpha-BHC	0.0014	U	53494-70-5	Endrin Ketone	0.0069	U
319-85-7	beta-BHC	0.0014	U	58-89-9	gamma-BHC	0.0014	U
57-74-9	Chlordane	0.014	U	76-44-8	Heptachlor	0.0069	U
319-86-8	delta-BHC	0.0069	U	1024-57-3	Heptachlor Epoxide	0.0069	U
60-57-1	Dieldrin	0.0014	U	72-43-5	Methoxychlor	0.0069	U
959-98-8	Endosulfan I	0.0069	U	72-54-8	p,p'-DDD	0.0035	U
33213-65-9	Endosulfan II	0.0069	U	72-55-9	p,p'-DDE	0.0035	U
1031-07-8	Endosulfan Sulfate	0.0069	U	50-29-3	p,p'-DDT	0.0035	U
72-20-8	Endrin	0.0069	U	8001-35-2	Toxaphene	0.035	U

Worksheet #: 110215

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20763.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 14:37
Operator : JP
Sample : AC42868-001
Misc : S,PEST
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 12:23:17 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

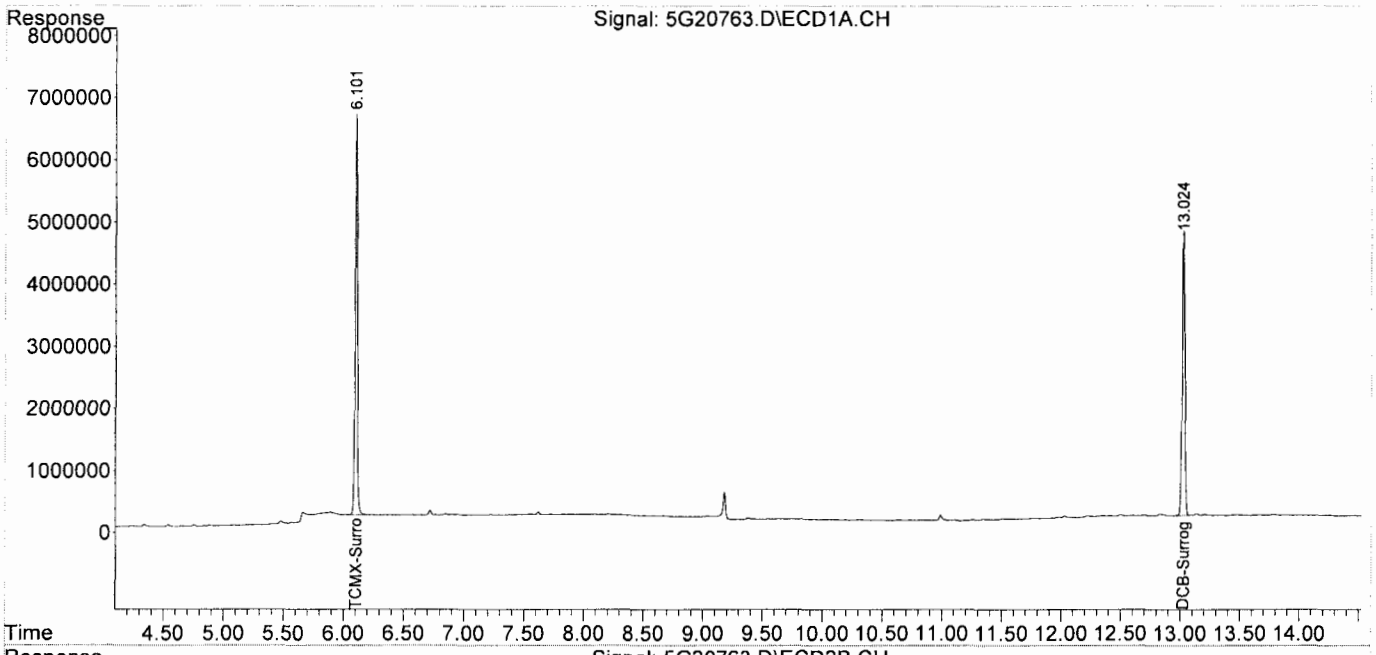
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.101	6.127	81959102	55501587	73.757m	77.254
22)	DCB-Surrogate	13.024	13.563	73546409	44551048	74.682	74.584

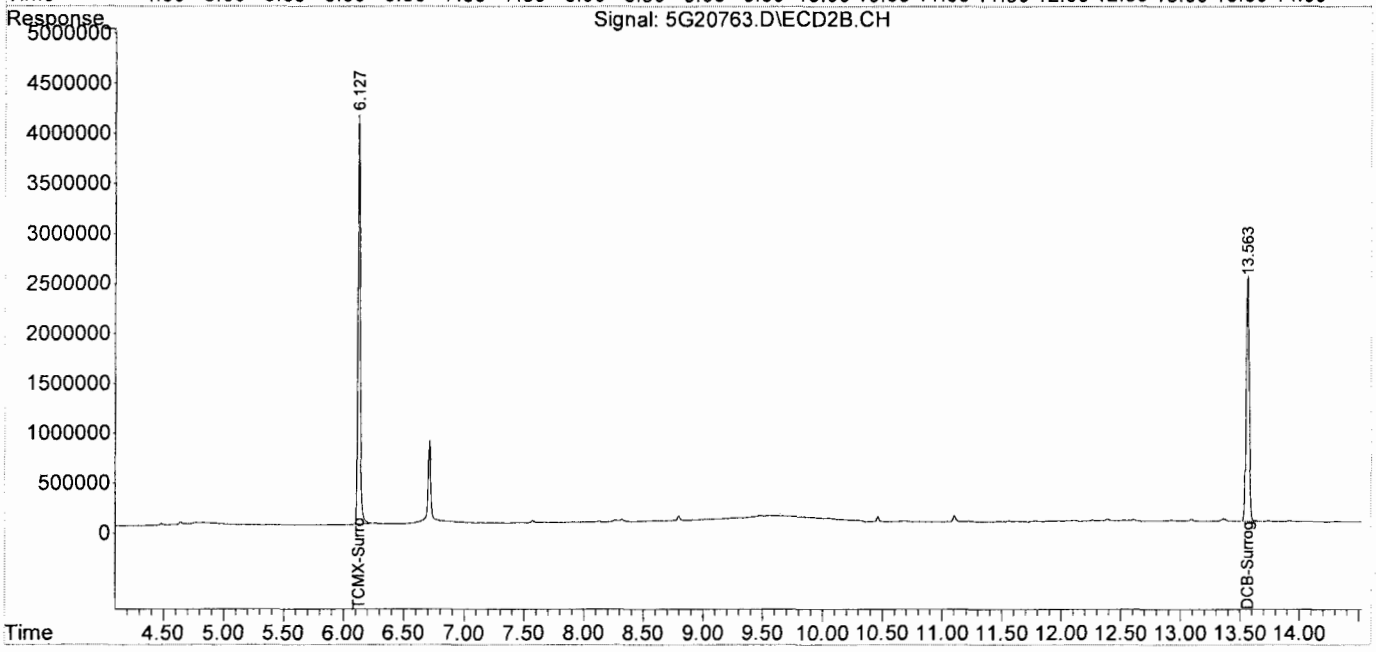
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20763.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 14:37
Operator : JP
Sample : AC42868-001
Misc : S,PEST
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 12:23:17 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-002
Client Id: WB-3
Data File: 5G20764.D
Analysis Date: 02/25/09 14:55
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0063	U	7421-93-4	Endrin Aldehyde	0.0063	U
319-84-6	alpha-BHC	0.0013	U	53494-70-5	Endrin Ketone	0.0063	U
319-85-7	beta-BHC	0.0013	U	58-89-9	gamma-BHC	0.0013	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0063	U
319-86-8	delta-BHC	0.0063	U	1024-57-3	Heptachlor Epoxide	0.0063	U
60-57-1	Dieldrin	0.0013	U	72-43-5	Methoxychlor	0.0063	U
959-98-8	Endosulfan I	0.0063	U	72-54-8	p,p'-DDD	0.0032	U
33213-65-9	Endosulfan II	0.0063	U	72-55-9	p,p'-DDE	0.0032	U
1031-07-8	Endosulfan Sulfate	0.0063	U	50-29-3	p,p'-DDT	0.0032	U
72-20-8	Endrin	0.0063	U	8001-35-2	Toxaphene	0.032	U

Worksheet #: 110215

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20764.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 14:55
Operator : JP
Sample : AC42868-002
Misc : S,PEST
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 12:24:33 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.101	6.127	77471522	52204164	69.719m	72.664
22)	DCB-Surrogate	13.024	13.564	69958067	42389056	71.038	70.964

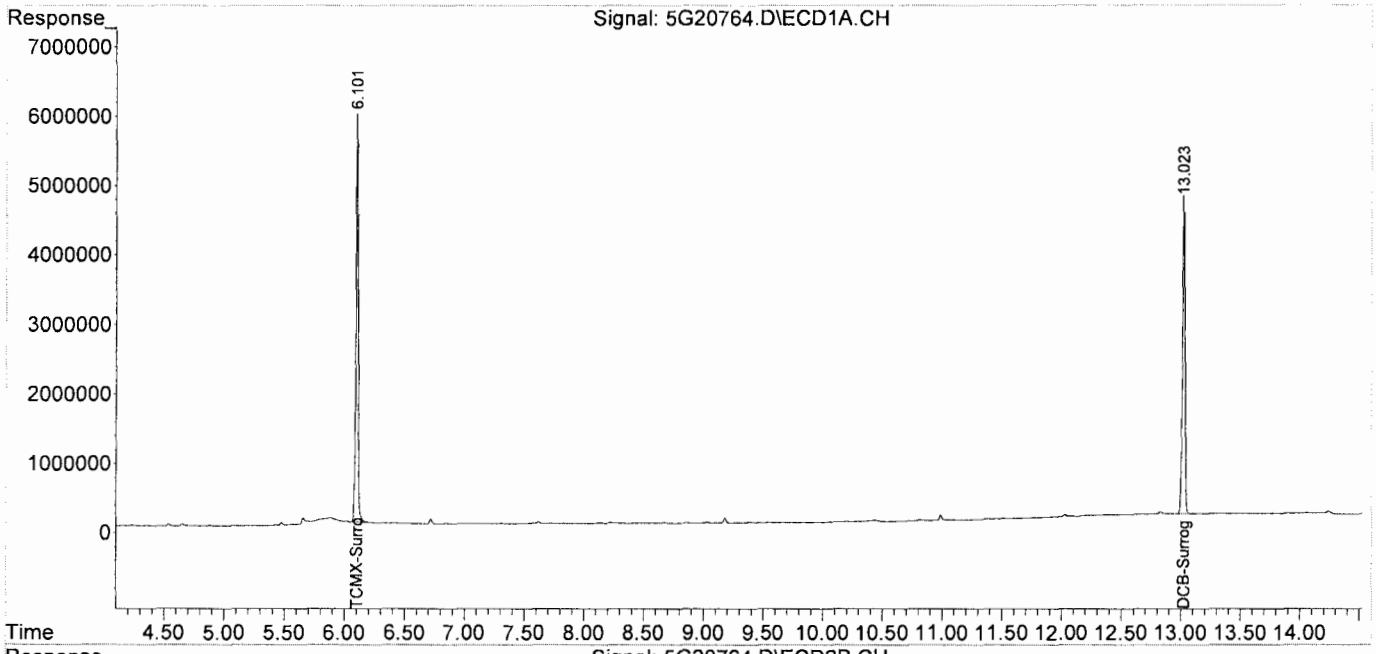
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

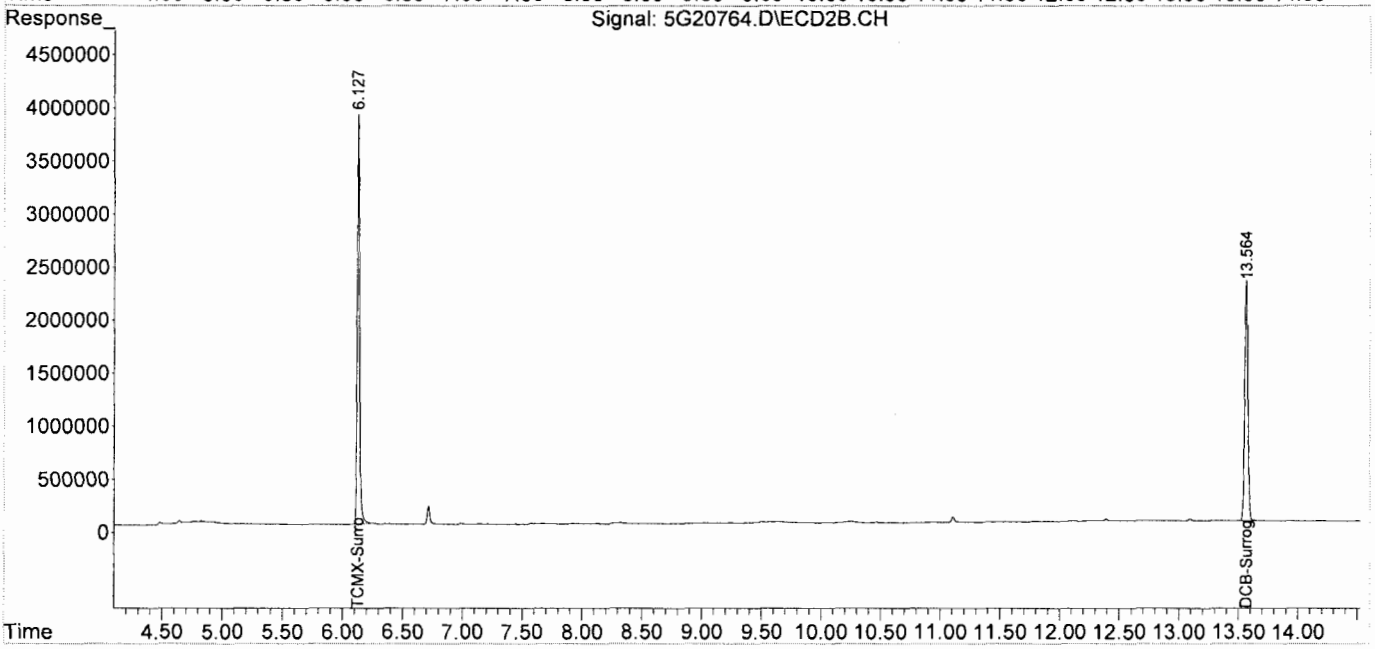
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20764.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 14:55
Operator : JP
Sample : AC42868-002
Misc : S,PEST
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 12:24:33 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-003
Client Id: WB-4
Data File: 6G12796.D
Analysis Date: 02/26/09 14:12
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0063	U	7421-93-4	Endrin Aldehyde	0.0063	U
319-84-6	alpha-BHC	0.0013	U	53494-70-5	Endrin Ketone	0.0063	U
319-85-7	beta-BHC	0.0013	U	58-89-9	gamma-BHC	0.0013	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0063	U
319-86-8	delta-BHC	0.0063	U	1024-57-3	Heptachlor Epoxide	0.0063	U
60-57-1	Dieldrin	0.0013	U	72-43-5	Methoxychlor	0.0063	U
959-98-8	Endosulfan I	0.0063	U	72-54-8	p,p'-DDD	0.0032	U
33213-65-9	Endosulfan II	0.0063	U	72-55-9	p,p'-DDE	0.0032	U
1031-07-8	Endosulfan Sulfate	0.0063	U	50-29-3	p,p'-DDT	0.0032	U
72-20-8	Endrin	0.0063	U	8001-35-2	Toxaphene	0.032	U

Worksheet #: 110215

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12796.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 14:12
Operator : JP
Sample : AC42868-003
Misc : S,PEST
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 14:32:00 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.694	3.731	1505759	1016554	86.892m	85.370
22)DCB-Surrogate	10.508	11.019	1368279	1404798	95.322m	101.534

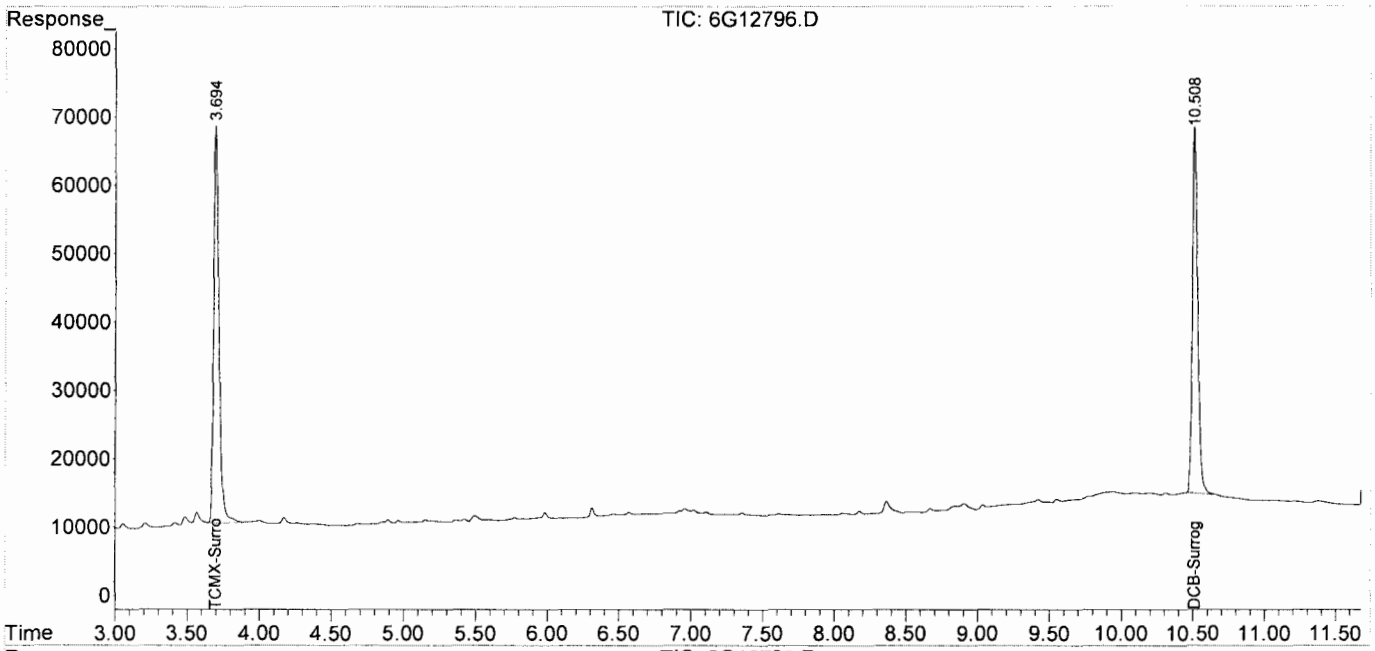
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

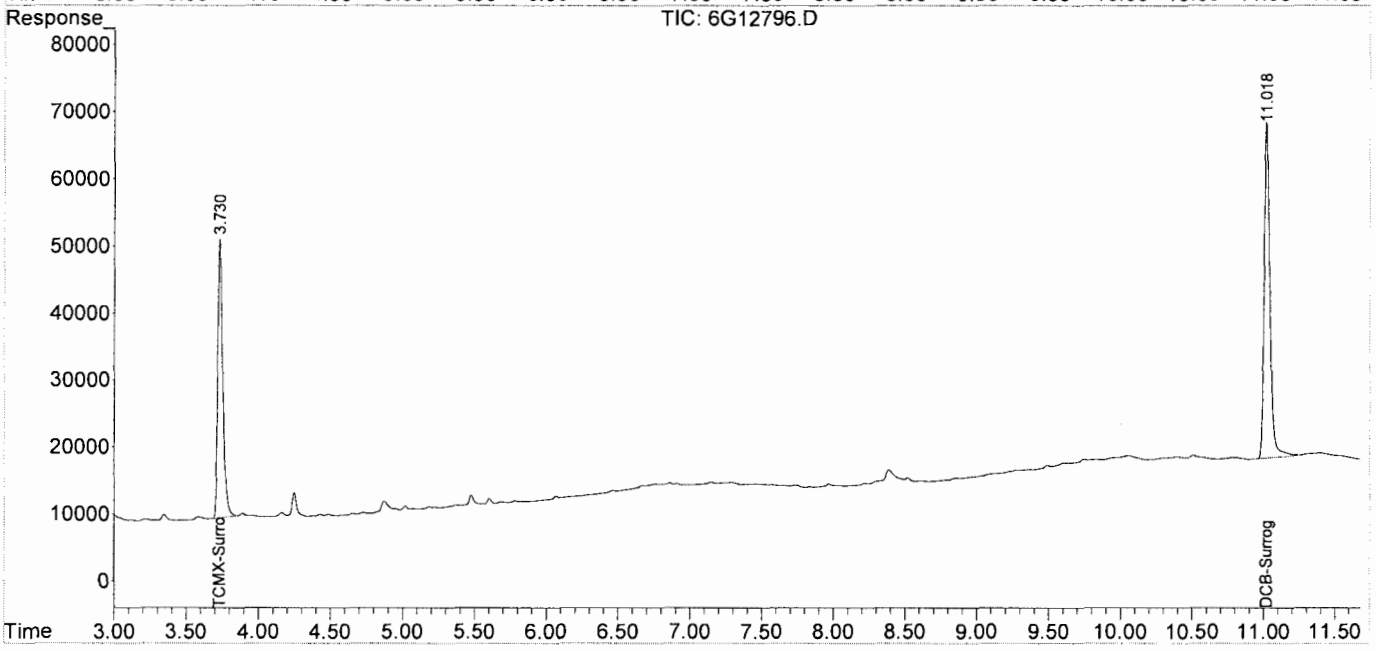
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12796.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 14:12
Operator : JP
Sample : AC42868-003
Misc : S,PEST
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 14:32:00 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-004
Client Id: MW-6S
Data File: 6G12775.D
Analysis Date: 02/26/09 05:02
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0063	U	7421-93-4	Endrin Aldehyde	0.0063	U
319-84-6	alpha-BHC	0.0013	U	53494-70-5	Endrin Ketone	0.0063	U
319-85-7	beta-BHC	0.0013	U	58-89-9	gamma-BHC	0.0013	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0063	U
319-86-8	delta-BHC	0.0063	U	1024-57-3	Heptachlor Epoxide	0.0063	U
60-57-1	Dieldrin	0.0013	U	72-43-5	Methoxychlor	0.0063	U
959-98-8	Endosulfan I	0.0063	U	72-54-8	p,p'-DDD	0.0032	U
33213-65-9	Endosulfan II	0.0063	U	72-55-9	p,p'-DDE	0.0032	U
1031-07-8	Endosulfan Sulfate	0.0063	U	50-29-3	p,p'-DDT	0.0032	U
72-20-8	Endrin	0.0063	U	8001-35-2	Toxaphene	0.032	U

Worksheet #: 110215

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12775.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 5:02
Operator : JP
Sample : AC42868-004
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 08:22:23 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.685	3.724	1386481	933638	80.009m	78.407m
22)DCB-Surrogate	10.501	11.014	1201767	1148161	83.722	82.985

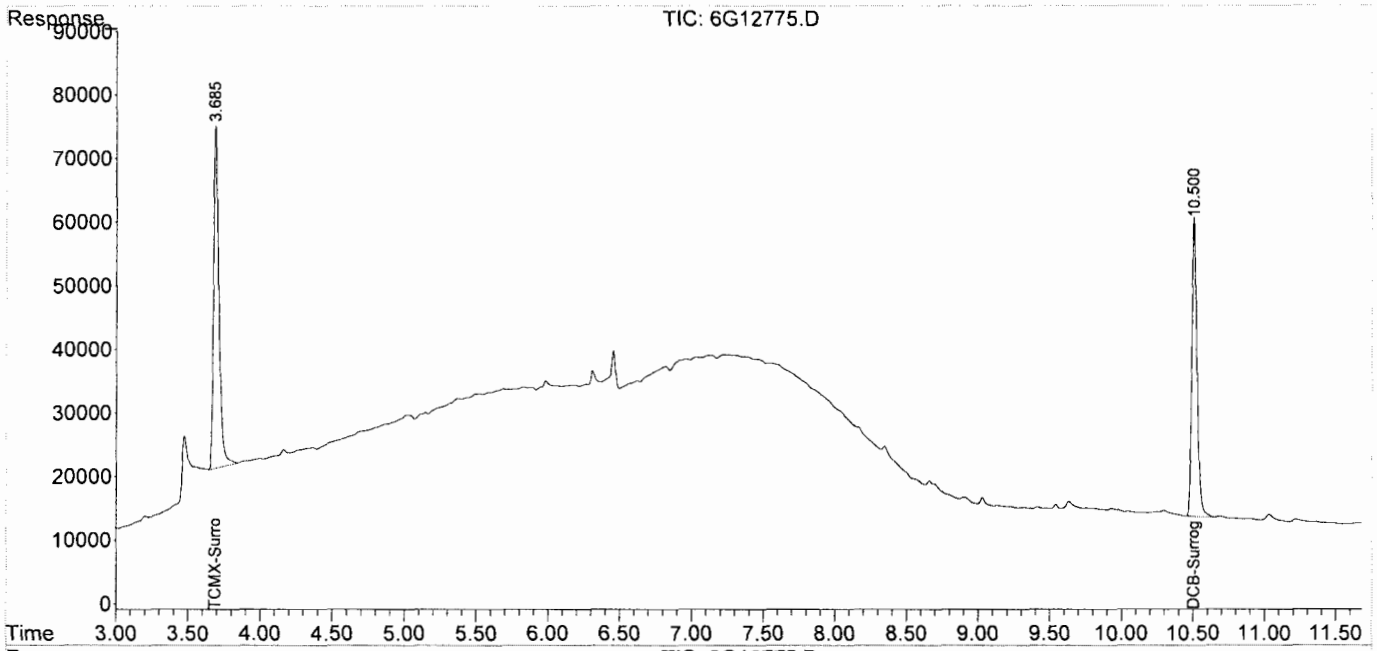
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

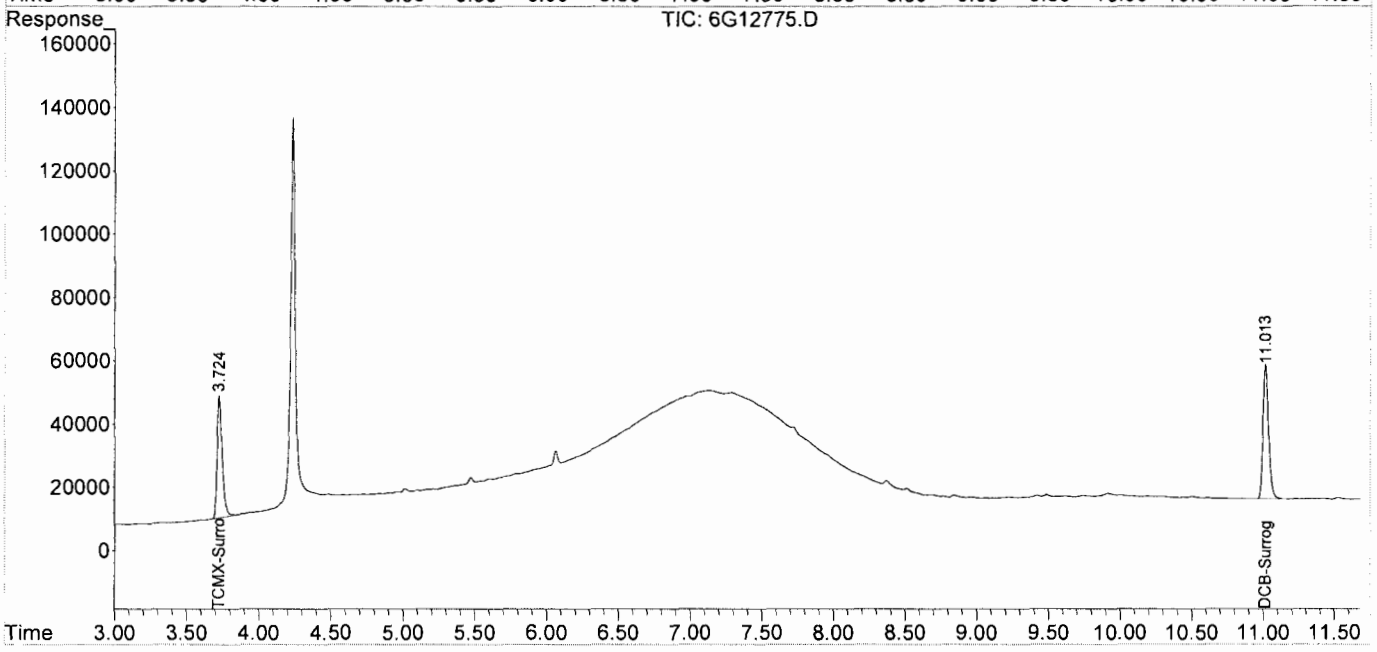
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12775.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 5:02
Operator : JP
Sample : AC42868-004
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 08:22:23 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-005
Client Id: MW-7S
Data File: 6G12776.D
Analysis Date: 02/26/09 05:17
Date Rec/Extracted: 02/20/09-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0065	U	7421-93-4	Endrin Aldehyde	0.0065	U
319-84-6	alpha-BHC	0.0013	U	53494-70-5	Endrin Ketone	0.0065	U
319-85-7	beta-BHC	0.0013	U	58-89-9	gamma-BHC	0.0013	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0065	U
319-86-8	delta-BHC	0.0065	U	1024-57-3	Heptachlor Epoxide	0.0065	U
60-57-1	Dieldrin	0.0013	U	72-43-5	Methoxychlor	0.0065	U
959-98-8	Endosulfan I	0.0065	U	72-54-8	p,p'-DDD	0.0032	U
33213-65-9	Endosulfan II	0.0065	U	72-55-9	p,p'-DDE	0.0032	U
1031-07-8	Endosulfan Sulfate	0.0065	U	50-29-3	p,p'-DDT	0.0032	U
72-20-8	Endrin	0.0065	U	8001-35-2	Toxaphene	0.032	U

Worksheet #: 110215

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12776.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 5:17
Operator : JP
Sample : AC42868-005
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 08:23:33 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.686	3.724	1482737	962304	85.564	80.815m
22)DCB-Surrogate	10.504	11.016	1418889	1336137	98.848	96.572

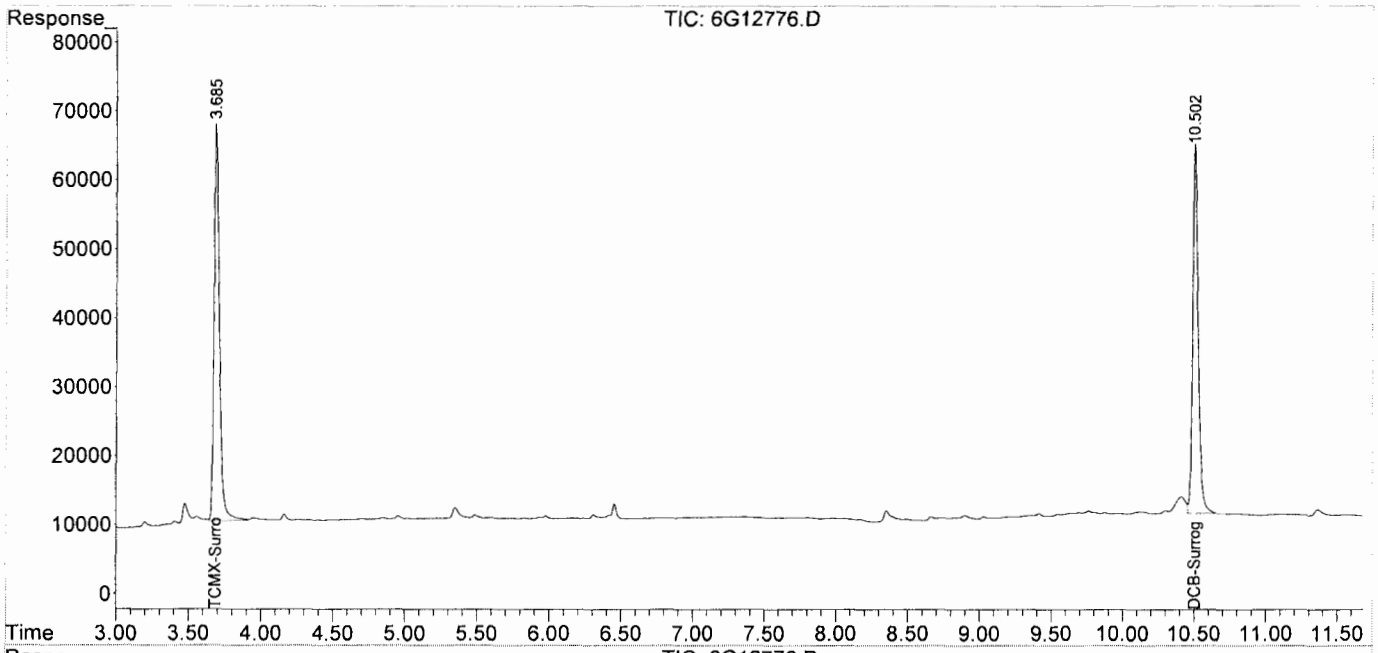
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

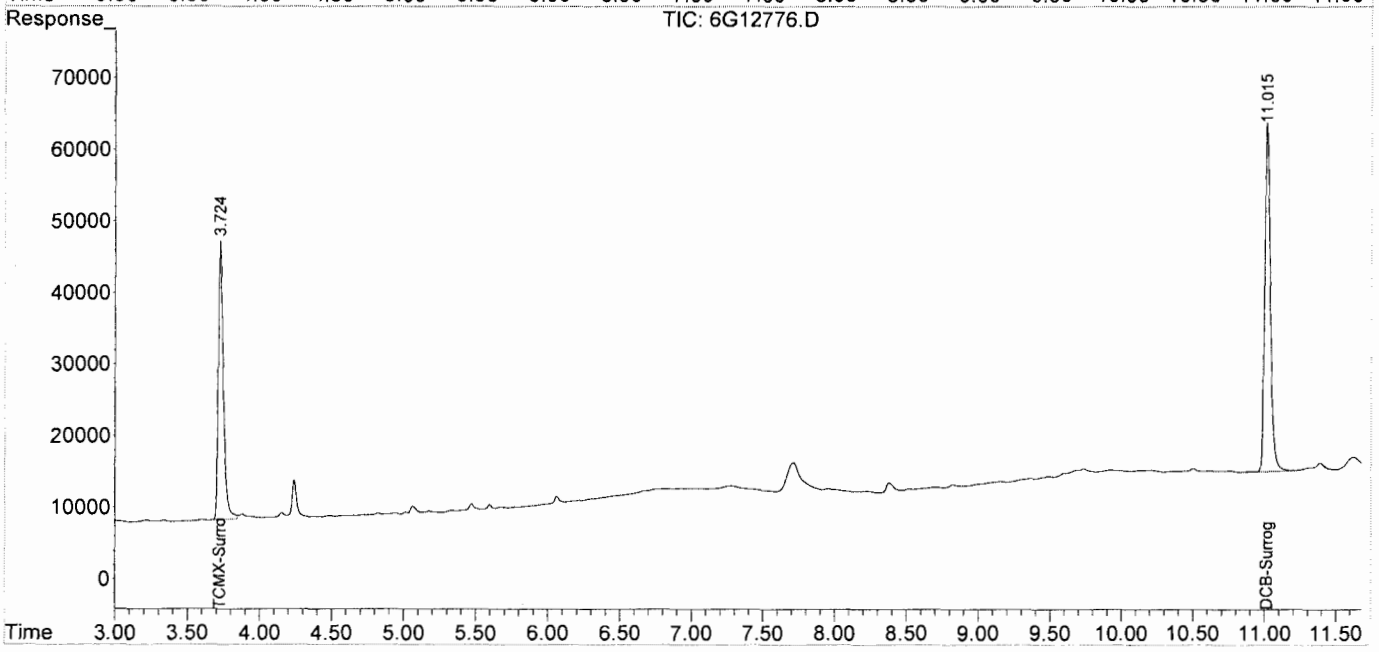
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12776.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 5:17
Operator : JP
Sample : AC42868-005
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 08:23:33 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-006
Client Id: WB-2 GW U
Data File: 5G20754.D
Analysis Date: 02/25/09 10:25
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110089

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20754.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:25
Operator : JP
Sample : AC42868-006
Misc : A,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 10:44:06 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.101	6.127	99557429	67996450	89.594m	94.645m
22)	DCB-Surrogate	13.024	13.564	78278394	47945920	79.487m	80.267m

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

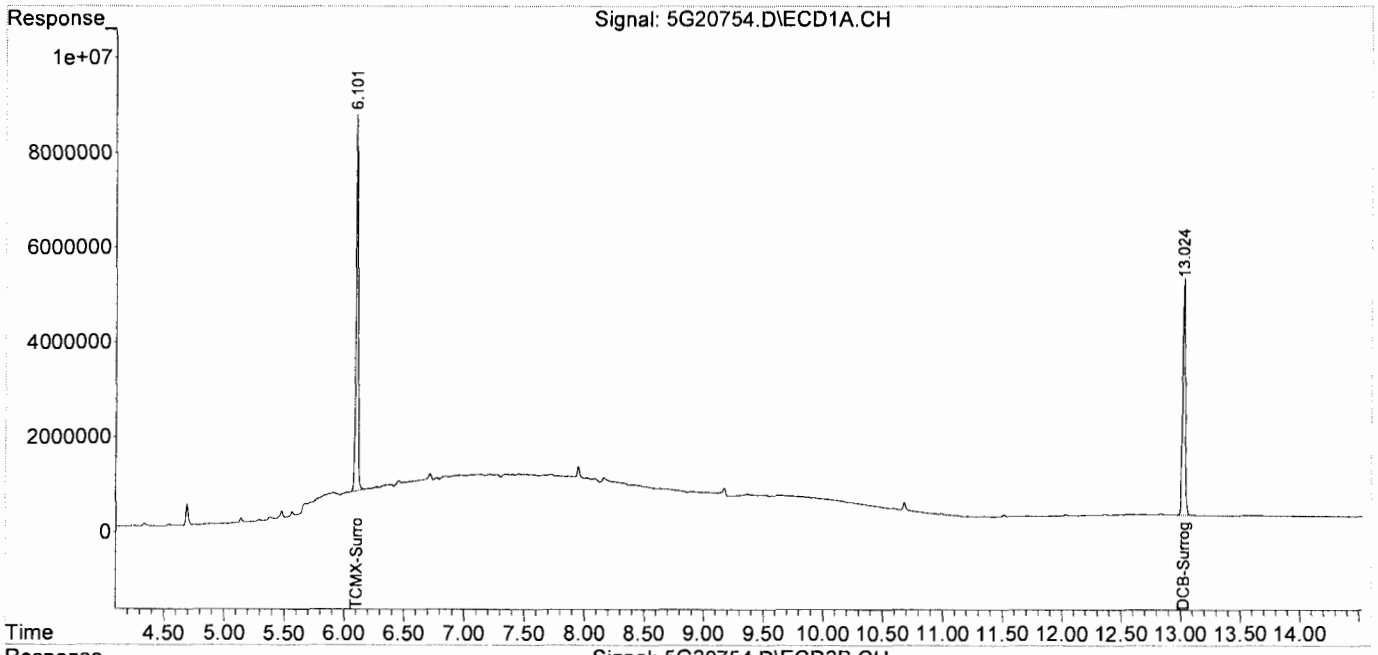
DP

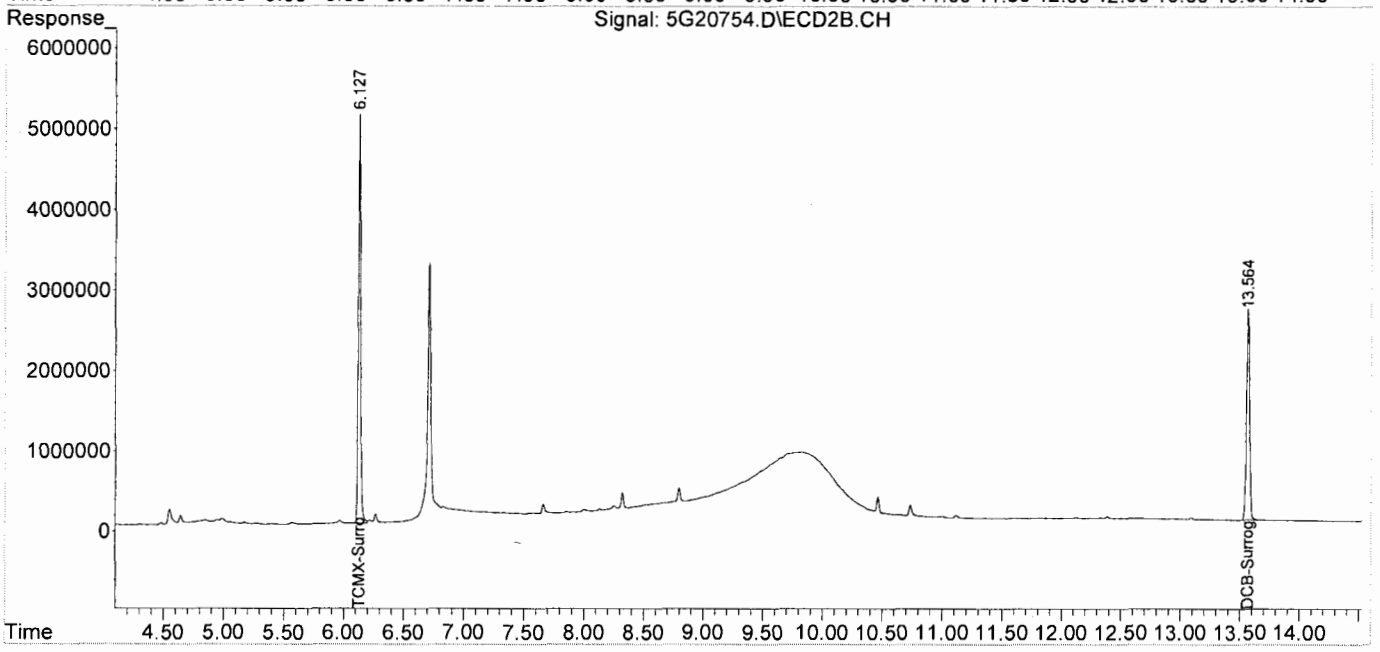
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20754.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:25
Operator : JP
Sample : AC42868-006
Misc : A,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 10:44:06 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-009
Client Id: WB-4 GW U
Data File: 5G20755.D
Analysis Date: 02/25/09 10:44
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110089

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20755.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:44
Operator : JP
Sample : AC42868-009
Misc : A,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 11:20:01 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.101	6.127	86373210	58646314	77.729m	81.631m
22)	DCB-Surrogate	13.023	13.563	71825529	44480826	72.935m	74.466m

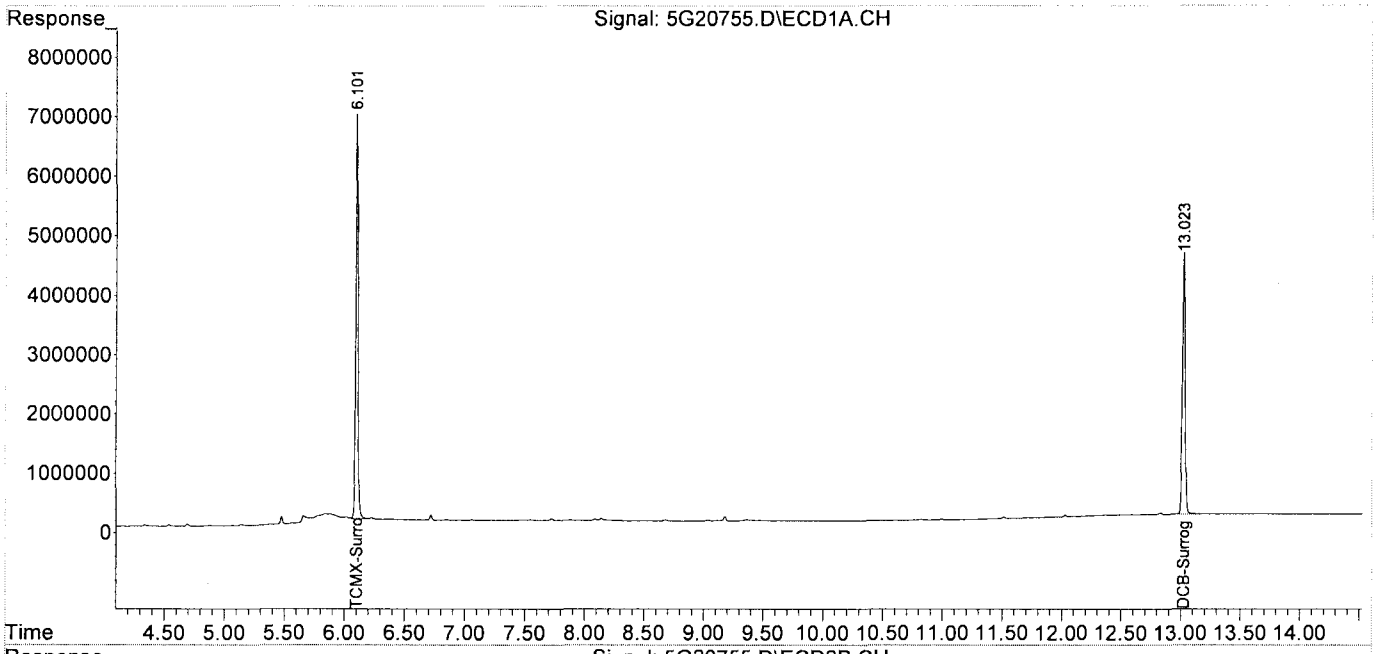
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

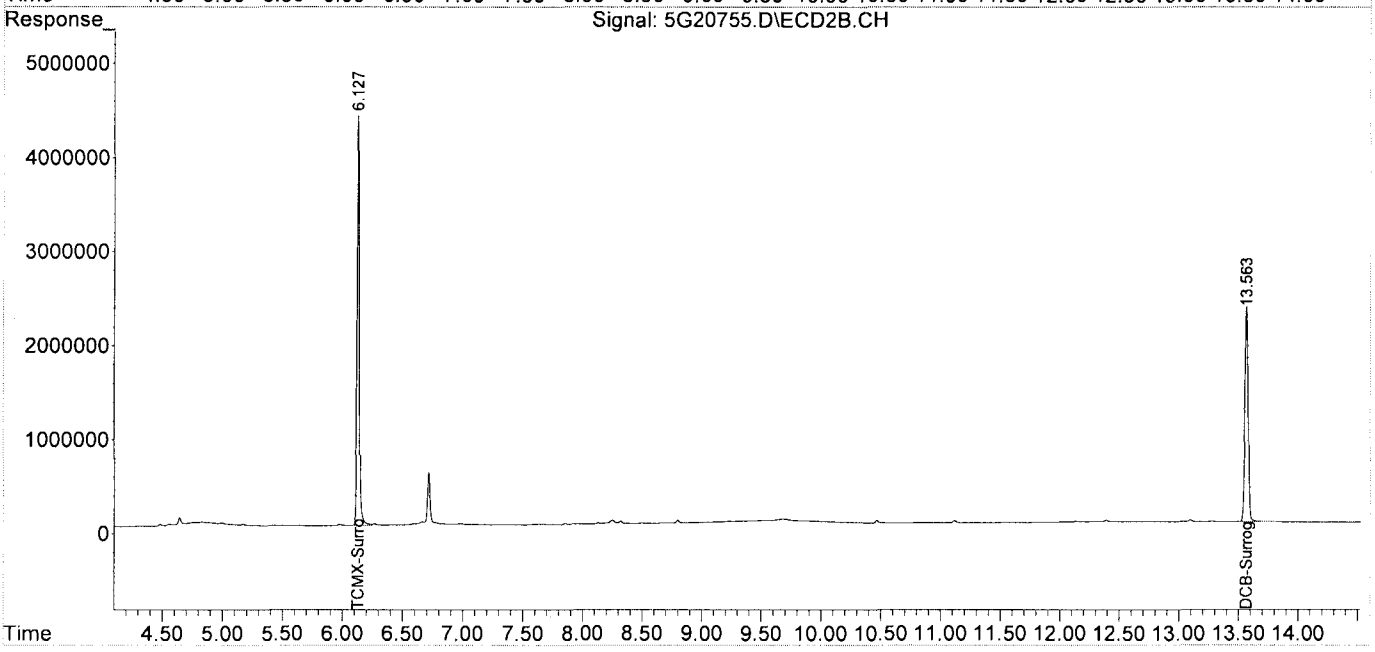
JP

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20755.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 10:44
Operator : JP
Sample : AC42868-009
Misc : A,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 11:20:01 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42868-012
Client Id: FB U
Data File: 5G20756.D
Analysis Date: 02/25/09 11:02
Date Rec/Extracted: 02/20/09-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110089

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20756.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 11:02
Operator : JP
Sample : AC42868-012
Misc : A,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 11:29:00 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.100	6.127	109.6E6	72392244	98.595m	100.764m
22)	DCB-Surrogate	13.024	13.566	68804616	42215714	69.867m	70.674m

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

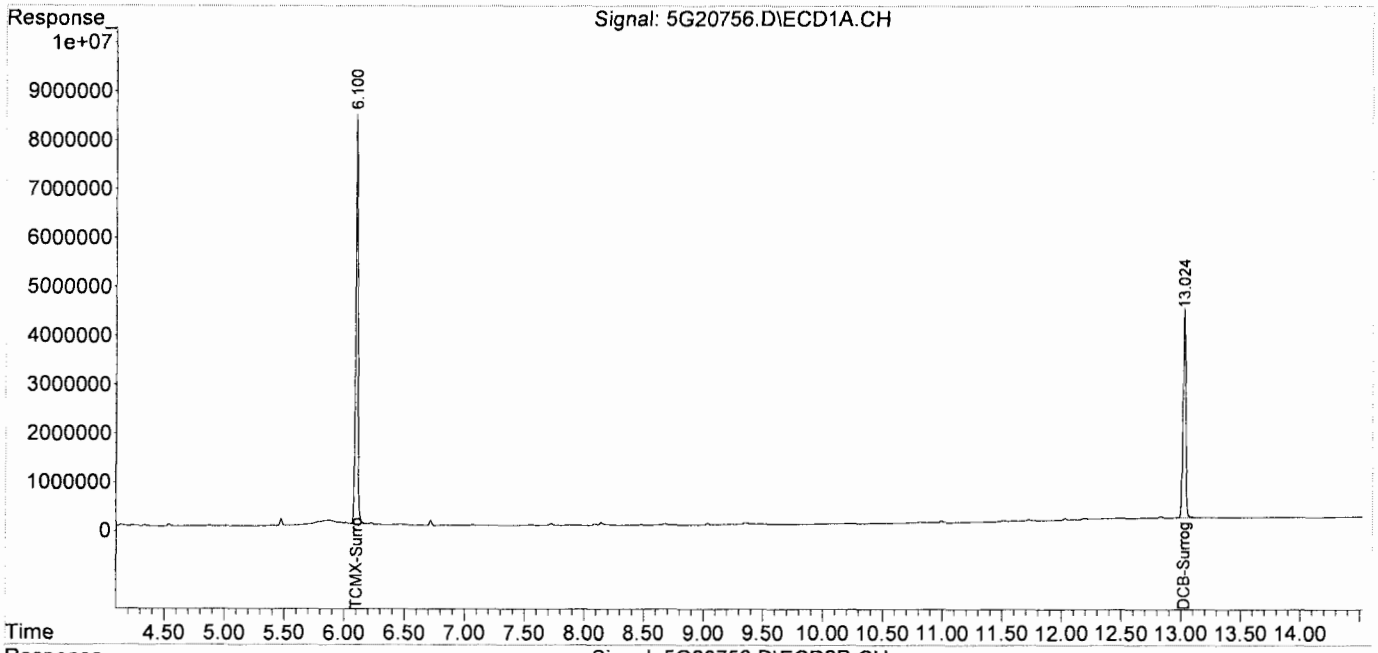
9P

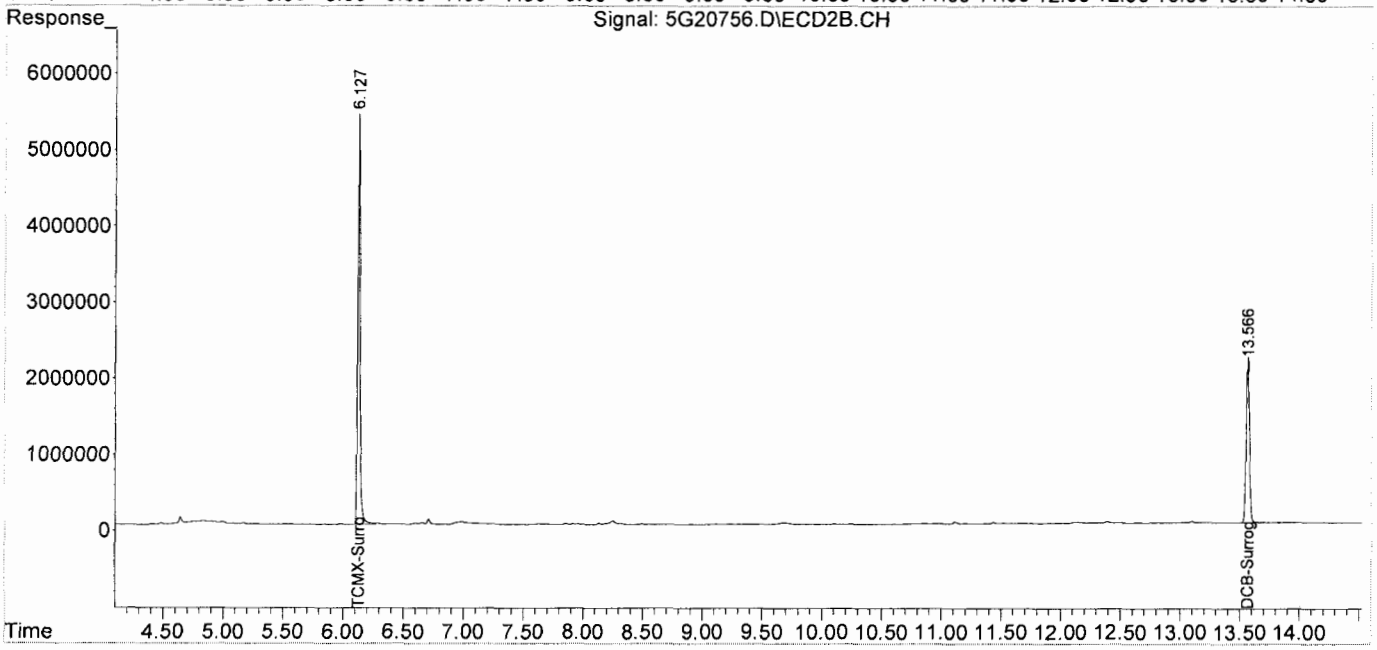
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20756.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 11:02
Operator : JP
Sample : AC42868-012
Misc : A,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 11:29:00 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





GC Pesticide Data
Standards Data

Method: EPA 8081A

Form 6
Initial Calibration

Instrument: GC_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6G12342.	CAL PEST@2PPB	02/10/09 01:02	2	6G12343.	CAL PEST@10PPB	02/10/09 01:17
3	6G12338.	CAL PEST@50PPB	02/10/09 00:01	4	6G12339.	CAL PEST@100PPB	02/10/09 00:16
5	6G12340.	CAL PEST@200PPB	02/10/09 00:32	6	6G12341.	CAL PEST@400PPB	02/10/09 00:47
7	6G12344.	CAL CHLO@100PPB	02/10/09 01:32	8	6G12345.	CAL TOX@500PPB	02/10/09 01:47

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	2.0400	1.8357	1.6204	1.6604	1.6699	1.5708	----	----	1.73	3.69	0.999	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	LinF	2.0514	1.9139	2.2724	2.5173	2.5426	2.5923	----	----	2.32	4.68	1.00	1.00	12	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Avg	2.2973	2.1241	2.1706	2.3519	2.3513	2.3010	----	----	2.27	5.16	1.00	1.00	4.2	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	LinF	1.7355	1.3999	1.1894	1.2096	1.1625	1.1313	----	----	1.30	5.99	1.00	1.00	18	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Avg	2.6357	2.2699	2.1388	2.2104	2.1645	2.1404	----	----	2.26	5.42	1.00	1.00	8.4	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Avg	2.3925	1.9060	1.9982	2.1967	2.2188	2.2562	----	----	2.16	6.32	1.00	1.00	8.2	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Avg	2.3166	2.0624	2.0806	2.2336	2.2184	2.2211	----	----	2.19	5.77	1.00	1.00	4.5	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	2.4953	2.1363	1.9570	2.0387	1.9948	1.9733	----	----	2.10	6.57	1.00	1.00	9.7	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Avg	2.6778	2.3425	2.2484	2.4264	2.4081	2.3834	----	----	2.41	6.96	1.00	1.00	6.0	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	2.6201	2.3121	2.1274	2.2266	2.2128	2.2113	----	----	2.29	7.03	1.00	1.00	7.6	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	LinF	1.9347	1.6686	1.5207	1.5372	1.4492	1.3805	----	----	1.58	6.92	0.999	1.00	13	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	1.8519	1.7129	1.7650	1.9503	1.9983	2.0475	----	----	1.89	7.11	1.00	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	2.0511	1.8046	1.8076	1.9680	1.9857	1.9808	----	----	1.93	7.36	1.00	1.00	5.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	1.7745	1.5981	1.5769	1.7160	1.7390	1.7574	----	----	1.69	7.62	1.00	1.00	5.0	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	1.4953	1.2701	1.2918	1.4275	1.4692	1.5021	----	----	1.41	8.06	1.00	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	1.9157	1.7332	1.6398	1.7474	1.7361	1.7396	----	----	1.75	8.18	1.00	1.00	5.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Qua	0.7982	0.9795	1.1312	1.3193	1.4053	1.5001	----	----	1.19	8.27	0.998	1.00	23	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Avg	1.4306	1.2115	1.1653	1.2341	1.2622	1.2951	----	----	1.27	8.67	1.00	1.00	7.2	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	1.6459	1.4422	1.4043	1.5124	1.5277	1.6125	----	----	1.52	9.04	0.999	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	LinF	0.6777	0.6364	0.6952	0.7351	0.7451	0.7789	----	----	0.711	8.97	0.999	1.00	7.2	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Avg	1.6789	1.5346	1.5494	1.6755	1.6858	1.7197	----	----	1.64	9.55	1.00	1.00	4.8	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	LinF	2.3464	1.8588	1.5353	1.5493	1.4581	1.4207	----	----	1.69	10.52	1.00	1.00	21	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	----	----	----	----	----	----	----	----	0.0848	5.24	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	----	----	----	----	----	----	----	----	0.255	6.96	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	----	----	----	----	----	----	----	----	0.452	7.03	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	----	----	----	----	----	----	----	----	0.00821	7.18	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	----	----	----	----	----	----	----	----	0.0155	7.87	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	----	----	----	----	----	----	----	----	0.0224	8.09	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	----	----	----	----	----	----	----	----	0.0296	8.53	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	----	----	----	----	----	----	----	----	0.0123	9.07	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Avg	1.3835	1.2272	1.1398	1.1626	1.1276	1.1035	----	----	1.19	3.73	1.00	1.00	8.7	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Qua	1.4618	1.3208	1.5577	1.7718	1.8353	1.9022	----	----	1.64	4.49	0.999	1.00	14	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	1.4444	1.3469	1.4593	1.6153	1.6269	1.6346	----	----	1.52	4.96	1.00	1.00	7.9	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	Avg	1.0762	0.9432	0.8968	0.9275	0.9342	0.9546	----	----	0.955	5.02	1.00	1.00	6.5	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	LinF	2.2150	1.6496	1.4754	1.5666	1.5651	1.5707	----	----	1.67	5.37	1.00	1.00	16	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	LinF	1.5007	1.2437	1.4001	1.5777	1.6257	1.6914	----	----	1.51	5.48	0.999	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 9.09 Avg Rsd Col 2: 9.75

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte, >0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Method: EPA 8081A

Form 6
Initial Calibration

Instrument: GC_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6G12342.	CAL PEST@2PPB	02/10/09 01:02	2	6G12343.	CAL PEST@10PPB	02/10/09 01:17
3	6G12338.	CAL PEST@50PPB	02/10/09 00:01	4	6G12339.	CAL PEST@100PPB	02/10/09 00:16
5	6G12340.	CAL PEST@200PPB	02/10/09 00:32	6	6G12341.	CAL PEST@400PPB	02/10/09 00:47
7	6G12344.	CAL CHLO@100PPB	02/10/09 01:32	8	6G12345.	CAL TOX@500PPB	02/10/09 01:47

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	1.5493	1.4176	1.4652	1.5935	1.6166	1.6552	----	----	1.55	5.78	1.00	1.00	5.9	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	1.6757	1.4031	1.3809	1.4558	1.4514	1.4650	----	----	1.47	6.46	1.00	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
γ-chlordane	2	0	Avg	1.7199	1.4836	1.4358	1.5286	1.5359	1.5622	----	----	1.54	6.67	1.00	1.00	6.3	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	Avg	1.5798	1.4034	1.3486	1.4048	1.3624	1.3362	----	----	1.41	6.86	1.00	1.00	6.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	1.5547	1.4694	1.4300	1.5421	1.5781	1.6156	----	----	1.53	6.91	1.00	1.00	4.5	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	1.4546	1.2735	1.3140	1.4225	1.4471	1.4871	----	----	1.40	7.15	1.00	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	1.3435	1.2558	1.3010	1.4256	1.4557	1.4949	----	----	1.38	7.29	1.00	1.00	6.8	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	1.2613	1.1096	1.1067	1.1927	1.2106	1.2352	----	----	1.19	7.75	1.00	1.00	5.4	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Qua	0.8373	0.8432	0.8786	0.9815	1.0349	1.1001	----	----	0.946	7.84	0.999	1.00	12	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	1.3434	1.2808	1.1988	1.2745	1.2815	1.3150	----	----	1.28	7.97	1.00	1.00	3.8	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Qua	0.8418	0.8276	0.9303	1.0524	1.1090	1.1718	----	----	0.989	8.22	0.999	1.00	15	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	LinF	1.6231	1.0647	0.9145	0.9404	0.9243	0.9288	----	----	1.07	8.37	1.00	1.00	26	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Avg	1.1191	0.9879	0.9895	1.0591	1.0749	1.1107	----	----	1.06	8.52	1.00	1.00	5.4	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	LinF	0.8299	0.5307	0.5412	0.5743	0.5918	0.6057	----	----	0.612	9.27	1.00	1.00	18	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Avg	1.2921	1.1833	1.1369	1.2239	1.2286	1.2435	----	----	1.22	9.49	1.00	1.00	4.4	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	LinF	2.1136	1.6529	1.4487	1.4623	1.4050	1.3720	----	----	1.58	11.03	1.00	1.00	18	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	----	----	----	----	----	----	----	----	0.0618	5.17	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	----	----	----	----	----	----	----	----	0.354	6.67	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	----	----	----	----	----	----	----	----	0.137	6.86	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	----	----	----	----	----	----	----	----	0.00770	7.12	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	----	----	----	----	----	----	----	----	0.0237	8.01	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	----	----	----	----	----	----	----	----	0.00638	8.31	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	----	----	----	----	----	----	----	----	0.0188	9.01	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	----	----	----	----	----	----	----	----	0.0127	9.08	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 9.09 Avg Rsd Col 2: 9.75

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12342.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:02
Operator : JP
Sample : CAL PEST@2PPB
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 09:20:04 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

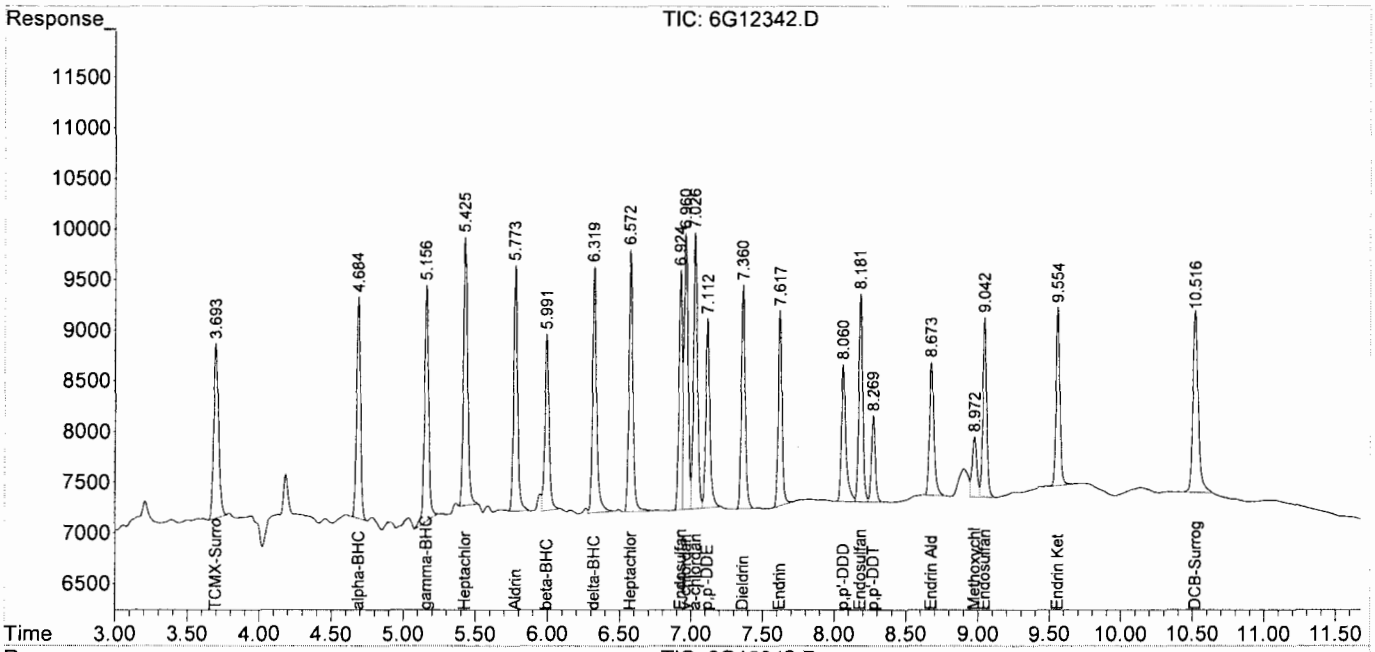
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.693	3.733	40800	27672	2.333m	2.255m
2)alpha-BHC	4.685	4.487	41028	29237	1.560	1.596m
3)gamma-BHC	5.156	4.955	45946	28889	2.021	1.844m
4)beta-BHC	5.991	5.021	34710	21525	2.746m	2.176
5)Heptachlor	5.425	5.365	52716	44301	2.332m	2.755m
6)delta-BHC	6.319	5.480	47850	30016	2.320m	1.812
7)Aldrin	5.773	5.783	46332	30987	2.103m	1.938
8)Heptachlor Epoxid	6.572	6.465	49906	33516	2.449m	2.262
9)y-chlordane	6.961	6.666	53556	34399	2.326	2.179m
10)a-chlordane	7.027	6.863	52403	31597	2.432	2.230m
11)Endosulfan I	6.924	6.915	38696	31095	2.479	2.008
12)p,p'-DDE	7.113	7.147	37038	29092	1.944	2.152m
13)Dieldrin	7.361	7.295	41023	26871	2.207	1.949
14)Endrin	7.617	7.756	35492	25227	1.897m	1.971m
15)p,p'-DDD	8.060	7.840	29907	16748	2.028	1.565
16)Endosulfan II	8.181	7.972	38316	26869	2.154	2.088m
17)p,p'-DDT	8.270	8.216	15966	16837	1.267	1.689m#
18)Endrin Aldehyde	8.674	8.373	28612	32463	2.188	3.566m#
19)Endosulfan Sulfat	9.042	8.522	32919	22383	1.930	2.106
20)Methoxychlor	8.973	9.278	13556	16599	2.022	2.912m#
21)Endrin Ketone	9.554	9.495	33578	25842	1.925m	2.145m
22)DCB-Surrogate	10.517	11.029	46930	42273	3.056	2.965m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

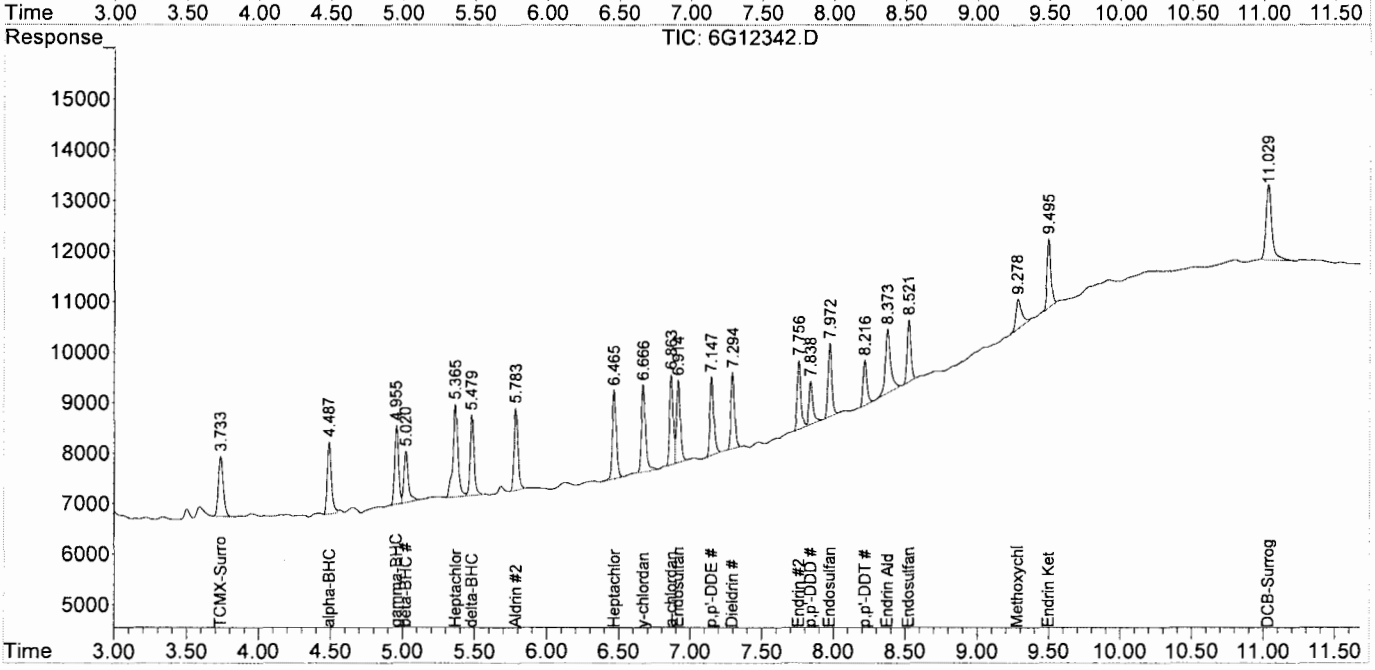
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12342.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:02
Operator : JP
Sample : CAL PEST@2PPB
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 09:20:04 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12343.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:17
Operator : JP
Sample : CAL PEST@10PPB
Misc : S,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:41:09 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.693	3.733	183575	122720	10.499m	9.999
2)alpha-BHC	4.684	4.488	191396	132081	7.276m	7.206
3)gamma-BHC	5.156	4.957	212413	134690	9.345	8.597
4)beta-BHC	5.990	5.021	139991	94325	11.074m	9.536
5)Heptachlor	5.425	5.366	226996	164969	10.044	10.258
6)delta-BHC	6.320	5.480	190608	124371	9.241	7.509
7)Aldrin	5.773	5.784	206240	141765	9.363m	8.868
8)Heptachlor Epoxid	6.572	6.465	213636	140317	10.482m	9.471
9)y-chlordane	6.960	6.666	234255	148365	10.175	9.399m
10)a-chlordane	7.027	6.864	231213	140340	10.731	9.903
11)Endosulfan I	6.924	6.914	166869	146949	10.689	9.474
12)p,p'-DDE	7.113	7.148	171294	127350	8.977	9.419
13)Dieldrin	7.360	7.294	180464	125586	9.709	9.109
14)Endrin	7.618	7.755	159815	110968	8.547	8.671m
15)p,p'-DDD	8.060	7.840	127017	84327	8.613	7.882
16)Endosulfan II	8.181	7.973	173320	128084	9.742	9.954
17)p,p'-DDT	8.269	8.217	97955	82760	7.749	8.273
18)Endrin Aldehyde	8.673	8.373	121153	106472	9.286	11.706 #
19)Endosulfan Sulfat	9.042	8.522	144228	98799	8.473	9.294
20)Methoxychlor	8.971	9.276	63645	53076	9.474m	9.310m
21)Endrin Ketone	9.555	9.495	153460	118336	8.802	9.822
22)DCB-Surrogate	10.516	11.028	185881	165293	12.106	11.615m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

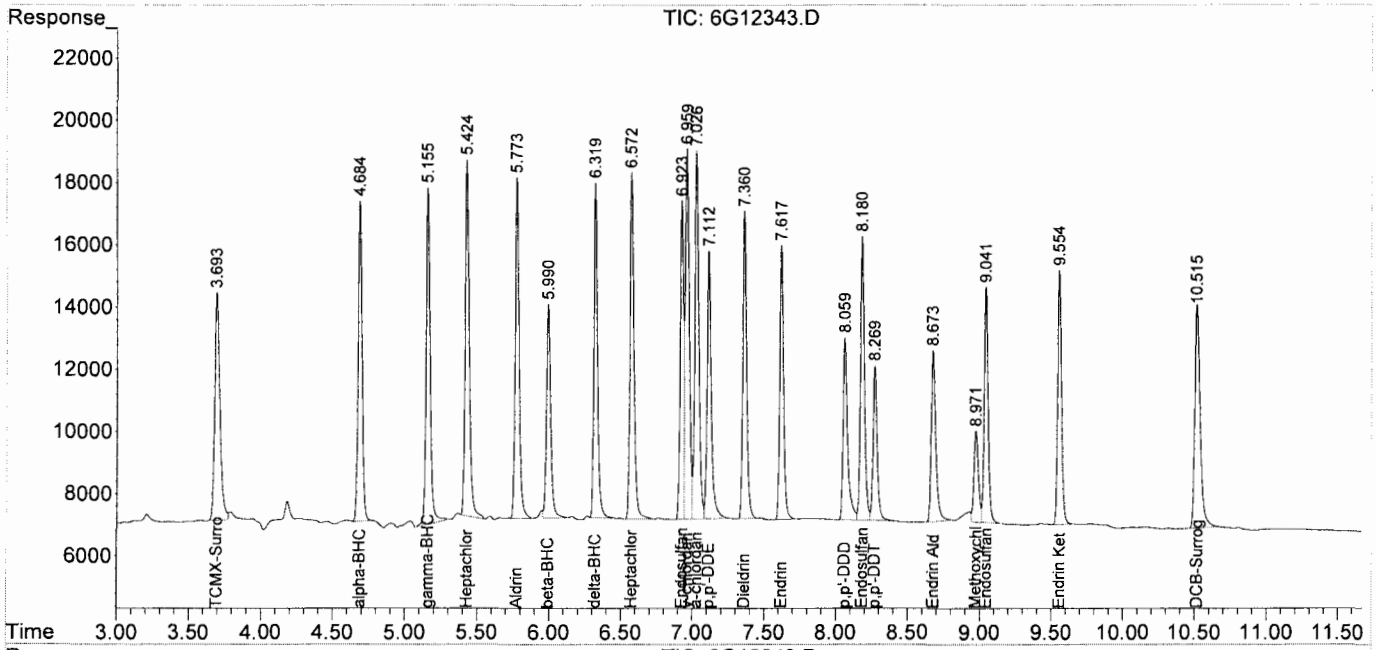
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

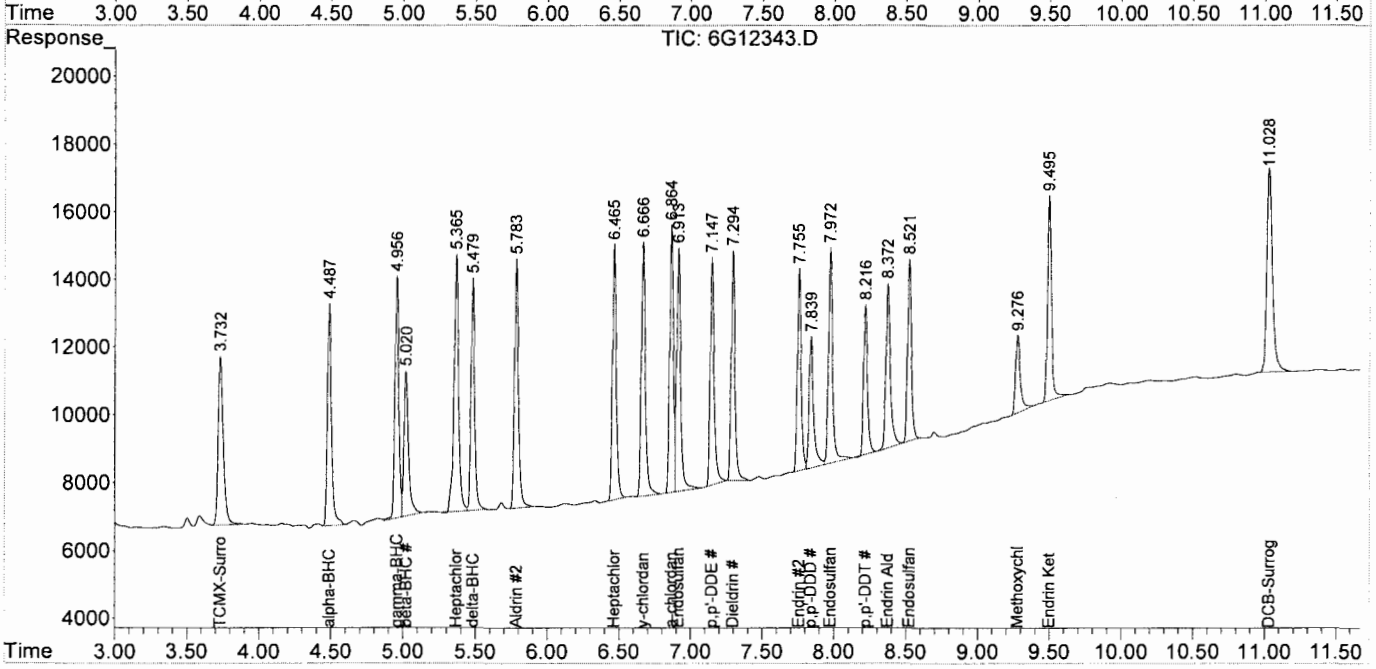
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12343.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:17
Operator : JP
Sample : CAL PEST@10PPB
Misc : S,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:41:09 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12338.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:01
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:24:48 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.692	3.732	810198	569922	46.336m	46.436
2)alpha-BHC	4.685	4.487	1136237	778884	43.195	42.294
3)gamma-BHC	5.156	4.956	1085302	729665	47.745	46.573
4)beta-BHC	5.990	5.021	594741	448426	47.046	45.333
5)Heptachlor	5.425	5.365	1069431	737733	47.318	45.876
6)delta-BHC	6.320	5.480	999122	700070	48.439	42.270
7)Aldrin	5.773	5.783	1040311	732600	47.230	45.827
8)Heptachlor Epoxid	6.572	6.465	978501	690492	48.010	46.608
9)y-chlordane	6.960	6.667	1124240	717907	48.834	45.479
10)a-chlordane	7.026	6.864	1063734	674340	49.370	47.577
11)Endosulfan I	6.924	6.914	760374	715022	48.708	45.781
12)p,p'-DDE	7.112	7.147	882541	657043	45.937	48.597m
13)Dieldrin	7.359	7.293	903831	650524	48.627m	47.181m
14)Endrin	7.617	7.755	788465	553381	42.242	43.241m
15)p,p'-DDD	8.060	7.838	645935	439328	43.800	41.063
16)Endosulfan II	8.180	7.972	819905	599425	46.073	46.585
17)p,p'-DDT	8.269	8.216	565646	465161	43.966	45.657
18)Endrin Aldehyde	8.672	8.372	582673	457282	45.174	50.461
19)Endosulfan Sulfat	9.042	8.522	702193	494764	41.635	46.544
20)Methoxychlor	8.970	9.275	347616	270647	51.224m	47.473m
21)Endrin Ketone	9.554	9.495	774724	568474	44.589	47.184
22)DCB-Surrogate	10.515	11.028	767688	724368	49.997	51.316m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

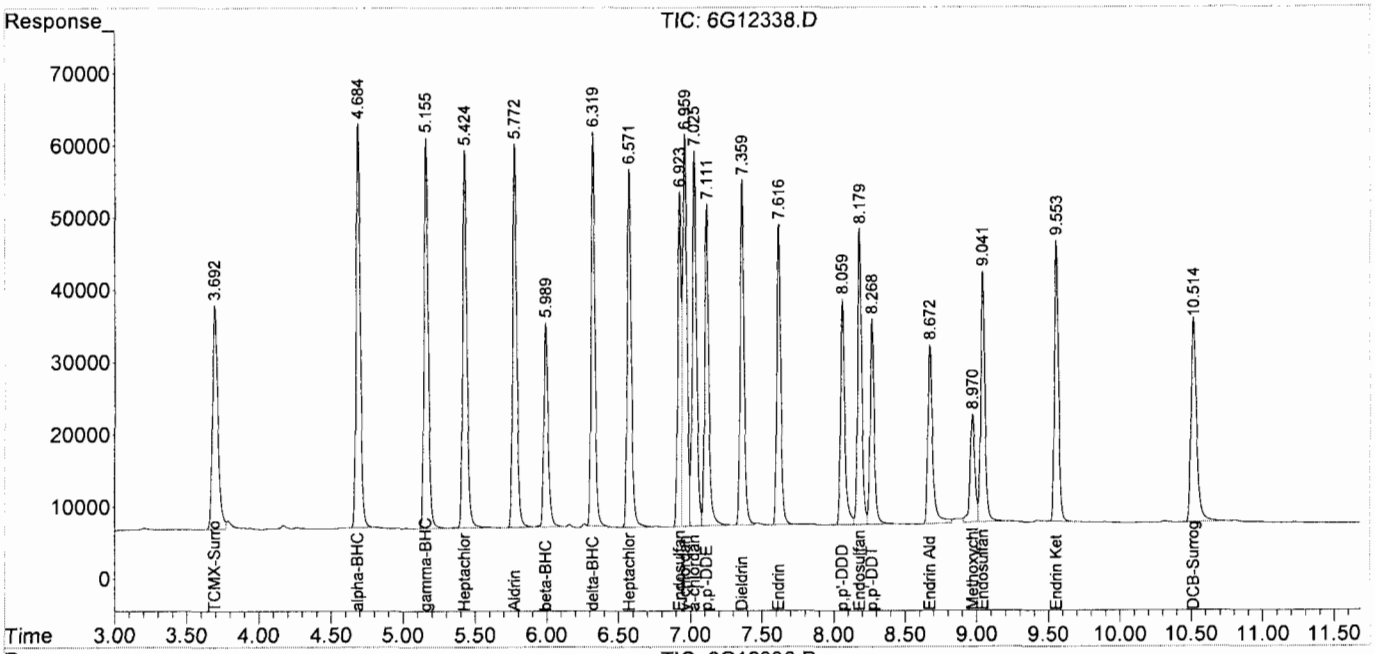
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

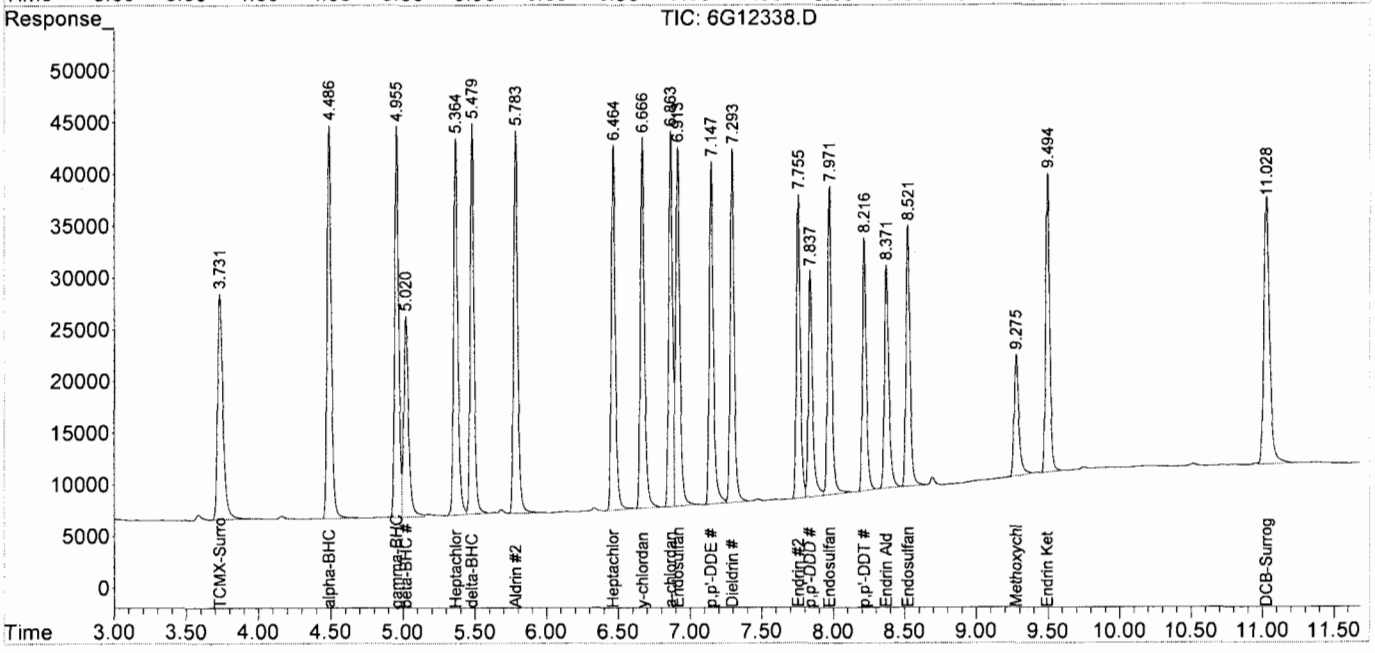
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12338.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:01
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:24:48 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12339.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:16
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:26:52 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.695	3.734	1660469	1162693	94.963	94.734
2)alpha-BHC	4.686	4.489	2517312	1771870	95.697	95.535
3)gamma-BHC	5.157	4.958	2351932	1615296	103.467	103.102
4)beta-BHC	5.991	5.021	1209662	927542	95.689	93.769
5)Heptachlor	5.426	5.366	2210408	1566691	97.801	97.424
6)delta-BHC	6.320	5.481	2196775	1577751	106.503	95.263
7)Aldrin	5.774	5.785	2233643	1593544	101.407	99.682
8)Heptachlor Epoxid	6.573	6.466	2038724	1455882	100.029	98.271
9)y-chlordane	6.960	6.667	2426459	1528655	105.399	96.839
10)a-chlordane	7.027	6.864	2226647	1404803	103.343	99.088
11)Endosulfan I	6.924	6.915	1537286	1542184	98.476	97.773
12)p,p'-DDE	7.113	7.147	1950347	1422527	100.507	105.214m
13)Dieldrin	7.360	7.294	1968015	1425634	105.882m	103.399m
14)Endrin	7.618	7.756	1716044	1192754	92.187	93.201m
15)p,p'-DDD	8.060	7.840	1427552	981497	96.801	91.739
16)Endosulfan II	8.181	7.973	1747476	1274561	98.153	99.055
17)p,p'-DDT	8.270	8.217	1319391	1052458	99.859	100.625
18)Endrin Aldehyde	8.673	8.373	1234144	940403	97.311	104.310
19)Endosulfan Sulfat	9.042	8.523	1512415	1059148	90.932	99.637
20)Methoxychlor	8.971	9.275	735157	574376	106.890	100.749m
21)Endrin Ketone	9.555	9.495	1675569	1223950	96.926	101.590
22)DCB-Surrogate	10.515	11.028	1549302	1462306	100.900	104.743m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

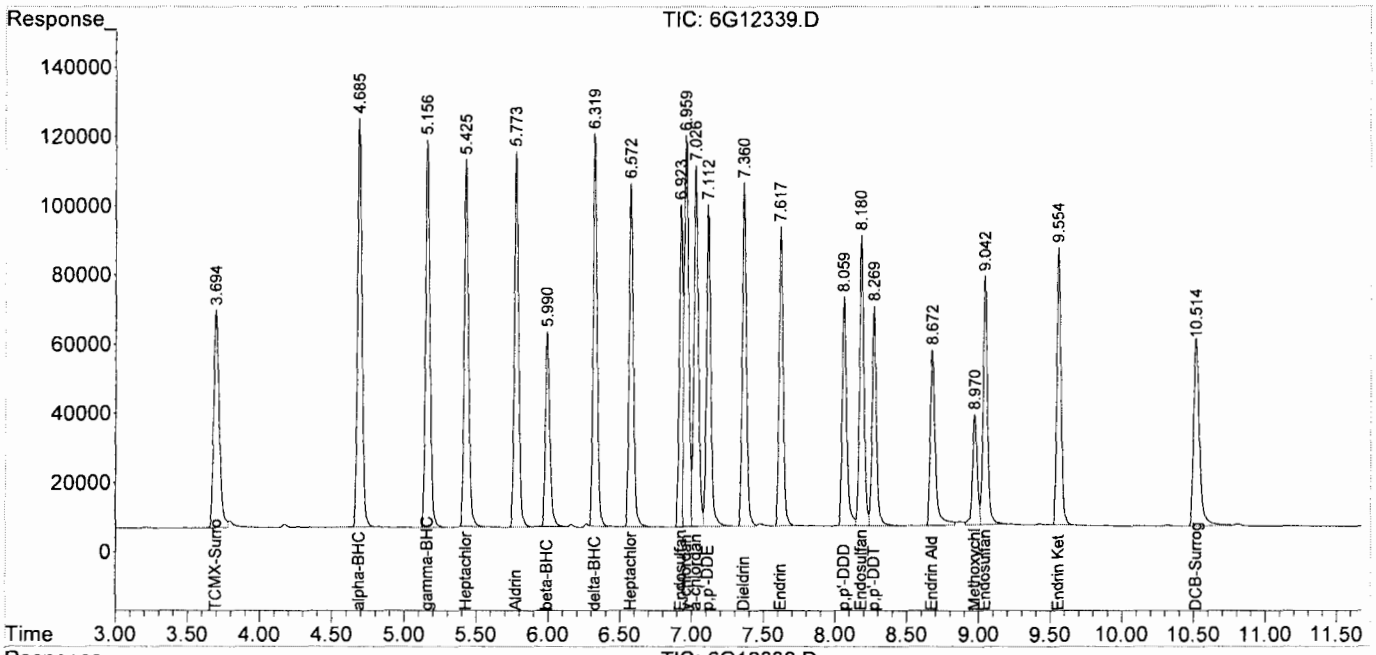
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

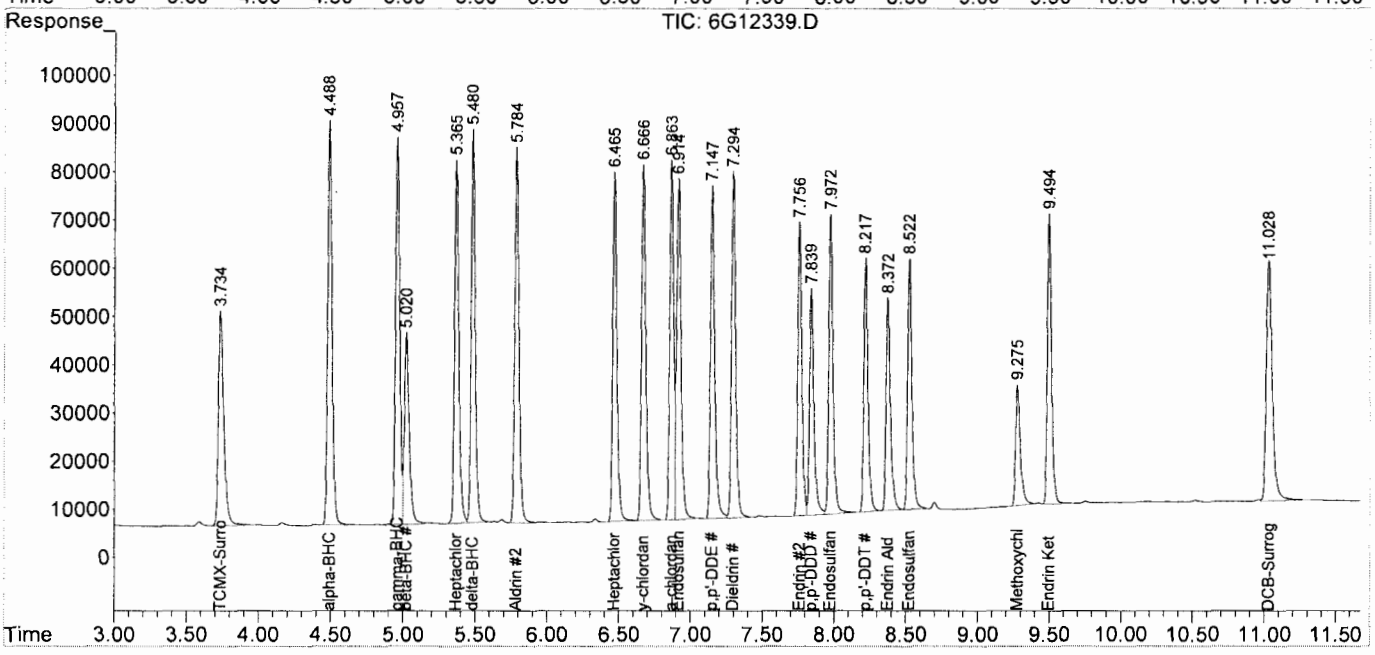
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12339.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:16
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:26:52 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:32
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:29:41 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.691	3.732	3339814	2255293	191.005m	183.756
2)alpha-BHC	4.684	4.487	5085315	3670770	193.321	195.337
3)gamma-BHC	5.155	4.955	4702744	3253957	206.884	207.695
4)beta-BHC	5.989	5.019	2325147	1868391	183.928	188.884
5)Heptachlor	5.424	5.365	4329142	3130370	191.547	194.661
6)delta-BHC	6.319	5.479	4437635	3251408	215.143	196.317
7)Aldrin	5.773	5.783	4436934	3233245	201.436	202.252
8)Heptachlor Epoxid	6.572	6.465	3989683	2902817	195.752	195.938
9)y-chlordane	6.959	6.666	4816360	3071952	209.210	194.606
10)a-chlordane	7.026	6.863	4425751	2724916	205.408	192.118
11)Endosulfan I	6.923	6.914	2898438	3156317	185.668	196.450
12)p,p'-DDE	7.112	7.146	3996670	2894238	202.209	214.065m
13)Dieldrin	7.359	7.293	3971561	2911406	213.675m	211.159m
14)Endrin	7.617	7.756	3478169	2421298	187.826	189.198
15)p,p'-DDD	8.059	7.838	2938403	2069974	199.250	193.477
16)Endosulfan II	8.180	7.972	3472194	2563118	194.872	199.197
17)p,p'-DDT	8.268	8.216	2810732	2218096	202.907	202.364
18)Endrin Aldehyde	8.672	8.372	2524548	1848680	206.413	207.100
19)Endosulfan Sulfat	9.042	8.522	3055518	2149837	188.980	202.241
20)Methoxychlor	8.969	9.274	1490317	1183781	211.406	207.642m
21)Endrin Ketone	9.554	9.495	3371701	2457292	196.955	203.959
22)DCB-Surrogate	10.514	11.027	2916331	2810169	189.929	205.600m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

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

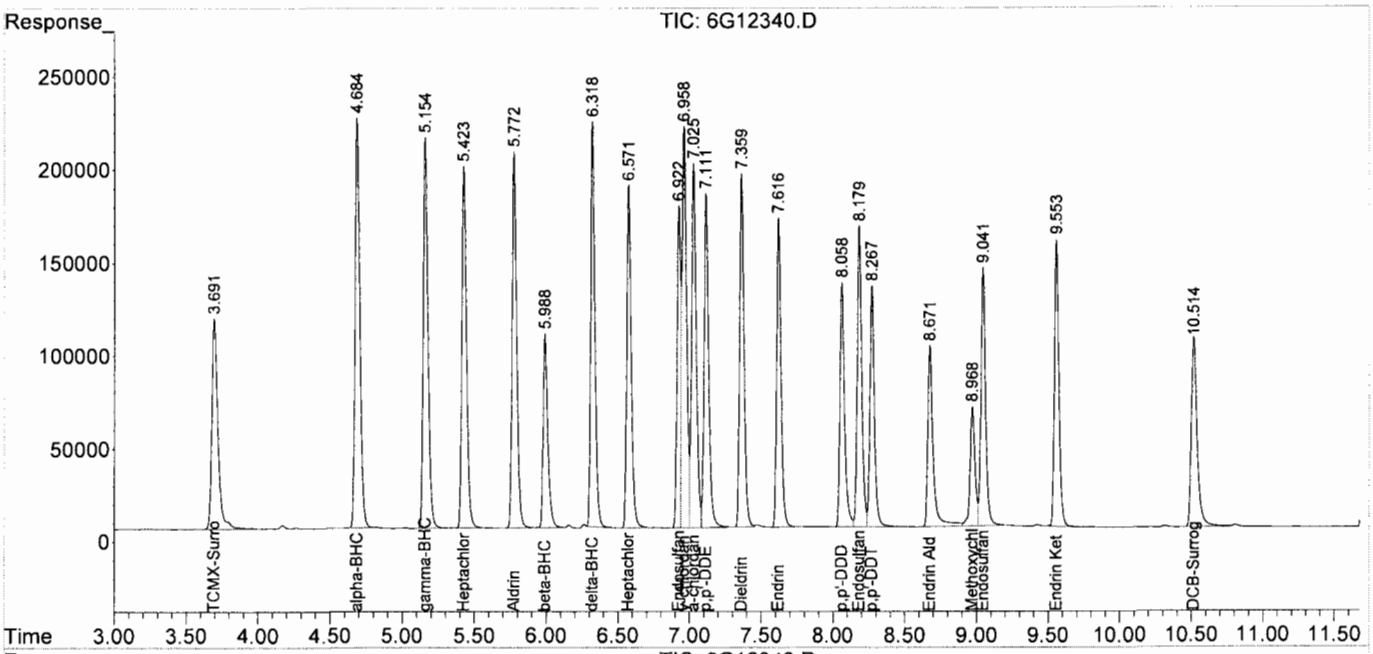
AS

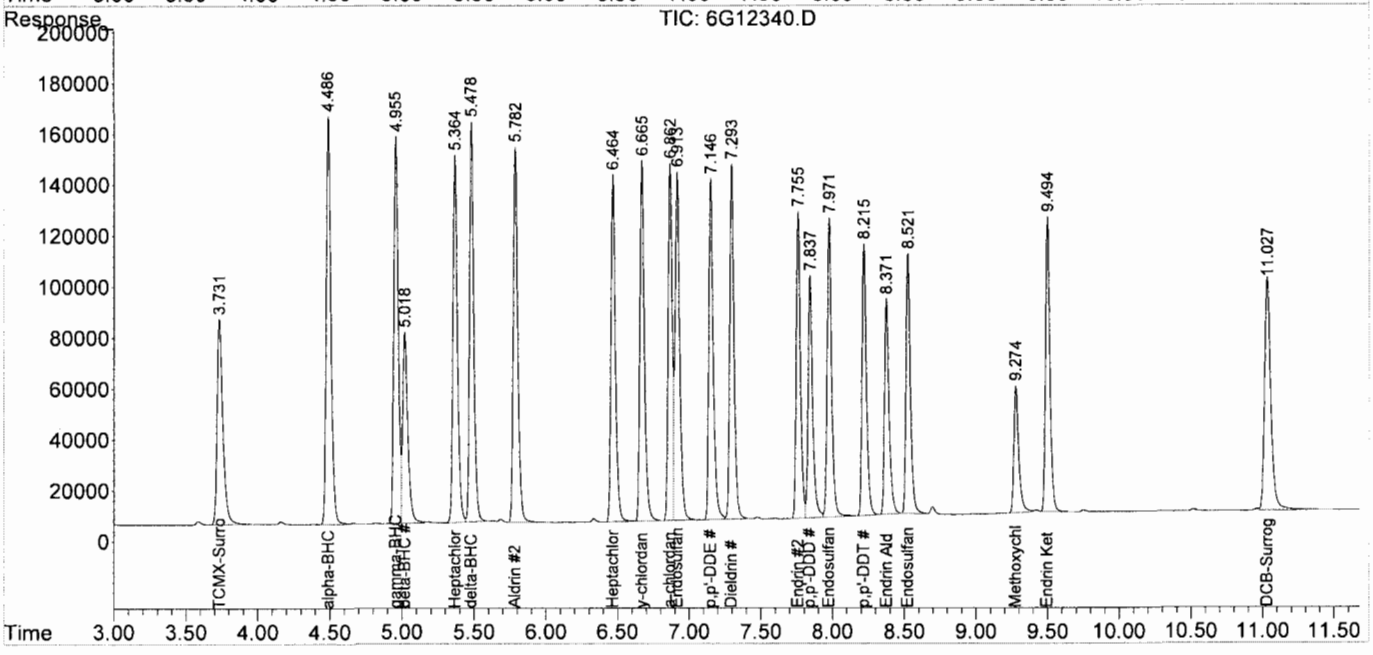
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:32
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:29:41 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12341.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:47
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:32:40 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.692	3.732	6283553	4414277	359.359	359.666
2)alpha-BHC	4.685	4.488	10369257	7609088	394.193	394.630
3)gamma-BHC	5.155	4.957	9204327	6538492	404.918	417.342
4)beta-BHC	5.989	5.019	4525372	3818468	357.974	386.026
5)Heptachlor	5.425	5.366	8561664	6283065	378.818	390.709
6)delta-BHC	6.319	5.480	9025087	6765585	437.549	408.500
7)Aldrin	5.773	5.784	8884599	6621098	403.358	414.176
8)Heptachlor Epoxid	6.572	6.465	7893475	5859982	387.290	395.544
9)y-chlordane	6.959	6.667	9533758	6248822	414.121	395.859
10)a-chlordane	7.025	6.864	8845399	5344953	410.533	376.510
11)Endosulfan I	6.924	6.914	5521999	6462776	353.728	388.431
12)p,p'-DDE	7.112	7.147	8190046	5948731	400.185	439.984m
13)Dieldrin	7.359	7.294	7923388	5979762	426.289m	433.702m
14)Endrin	7.617	7.757	7029909	4940881	383.732	386.077
15)p,p'-DDD	8.059	7.839	6008617	4400617	407.438	411.317
16)Endosulfan II	8.180	7.972	6958591	5260289	389.914	408.812
17)p,p'-DDT	8.268	8.217	6000770	4687394	398.315	393.743
18)Endrin Aldehyde	8.672	8.372	5180541	3715486	464.066	425.224
19)Endosulfan Sulfat	9.041	8.522	6450319	4442972	429.090	417.963
20)Methoxychlor	8.968	9.273	3115846	2423129	421.360	425.031m
21)Endrin Ketone	9.553	9.494	6878850	4974133	410.416	412.861
22)DCB-Surrogate	10.513	11.026	5683081	5488257	370.117	420.761m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

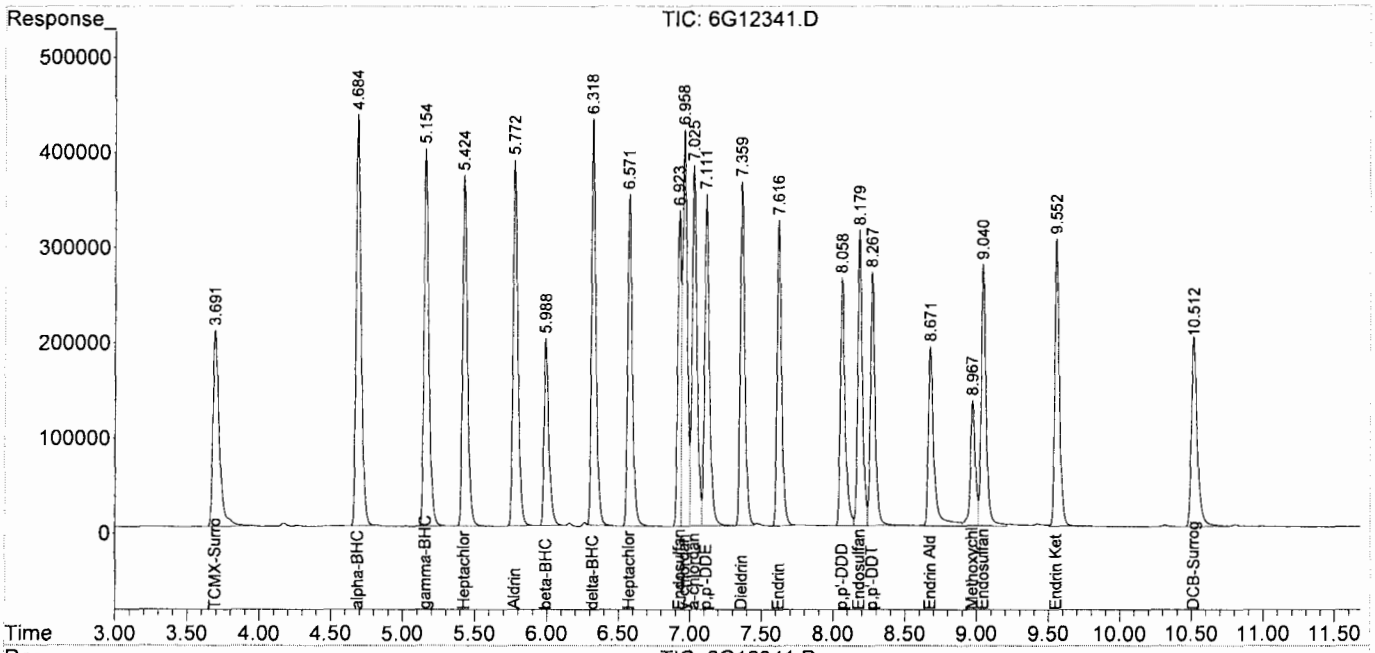
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

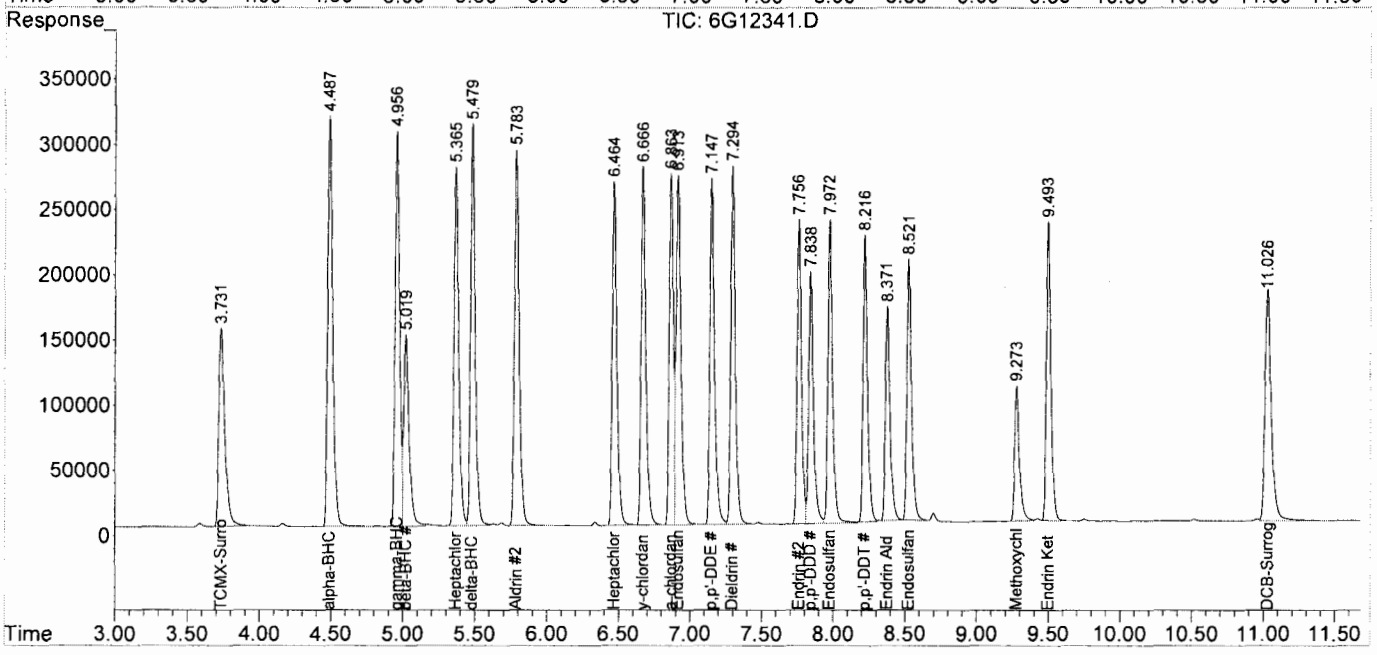
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12341.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:47
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:32:40 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12344.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:32
Operator : JP
Sample : CAL CHLO@100PPB
Misc : S,PEST
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:46:15 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:45:11 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.694	3.733	1852340	1249193	105.936m	101.781m
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	10.515	11.029	1710510	1612113	111.399	115.738
23)Chlordane {1}	5.242	5.173	84810	61755	95.030m	58.620 #
24)Chlordane {2}	6.962	6.668	254663	354431	105.037	96.451m
25)Chlordane {3}	7.027	6.864	452387	137107	104.115	98.686
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

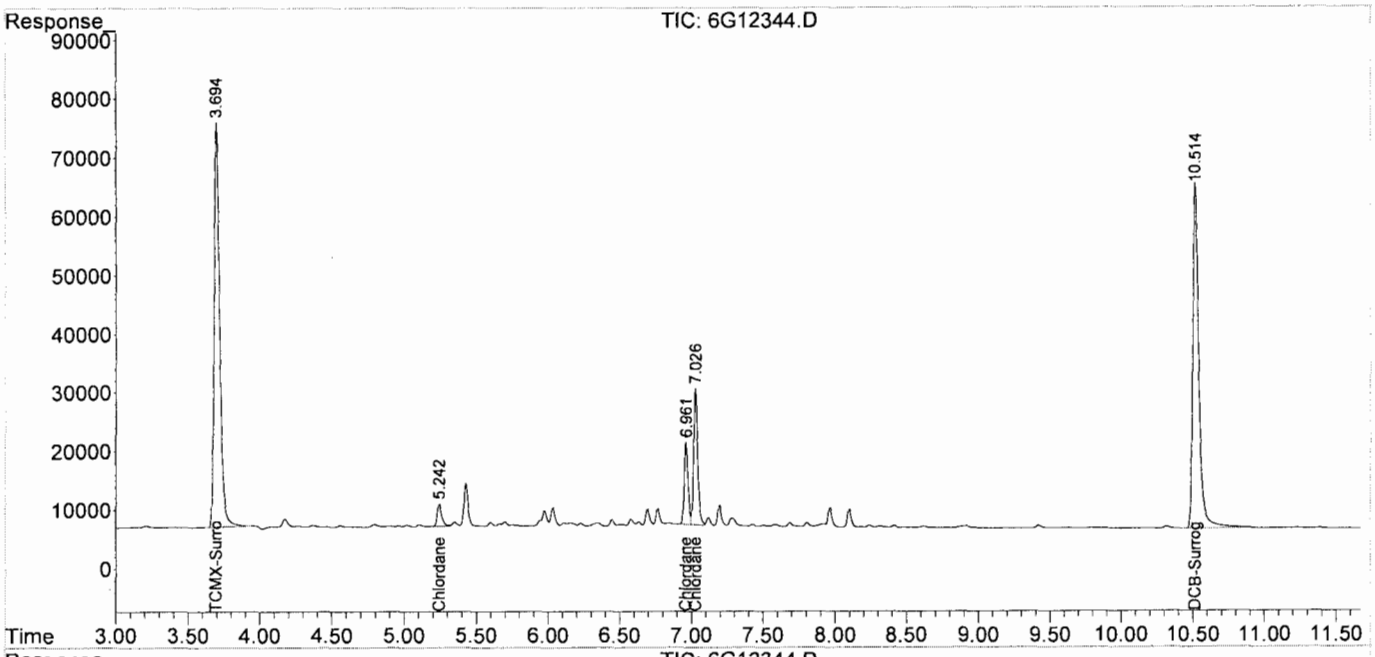
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

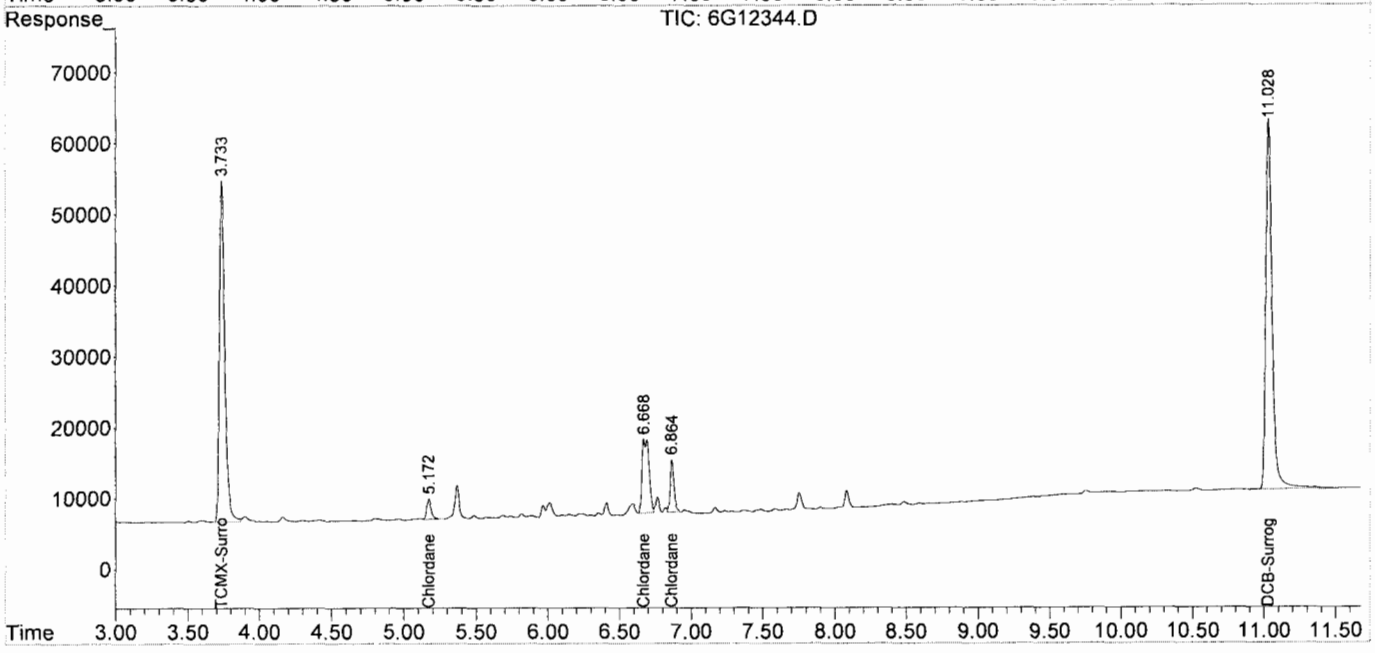
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12344.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:32
Operator : JP
Sample : CAL CHLO@100PPB
Misc : S,PEST
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:46:15 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:45:11 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12345.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:47
Operator : JP
Sample : CAL TOX@500PPB
Misc : S,PEST
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:54:03 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:52:21 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.694	3.733	941557	639921	53.848	52.139
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	10.515	11.028	905085	834465	58.945	59.211m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	7.183	7.121	41071	38508	560.139m	512.133m
27)Toxaphene {2}	7.871	8.009	77366	118407	537.942m	503.500m
28)Toxaphene {3}	8.092	8.314	111932	31924	535.350	337.820m#
29)Toxaphene {4}	8.533	9.008	148168	94011	450.979m	1107.092m#
30)Toxaphene {5}	9.068	9.079	61622	63363	438.997m	415.761m

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

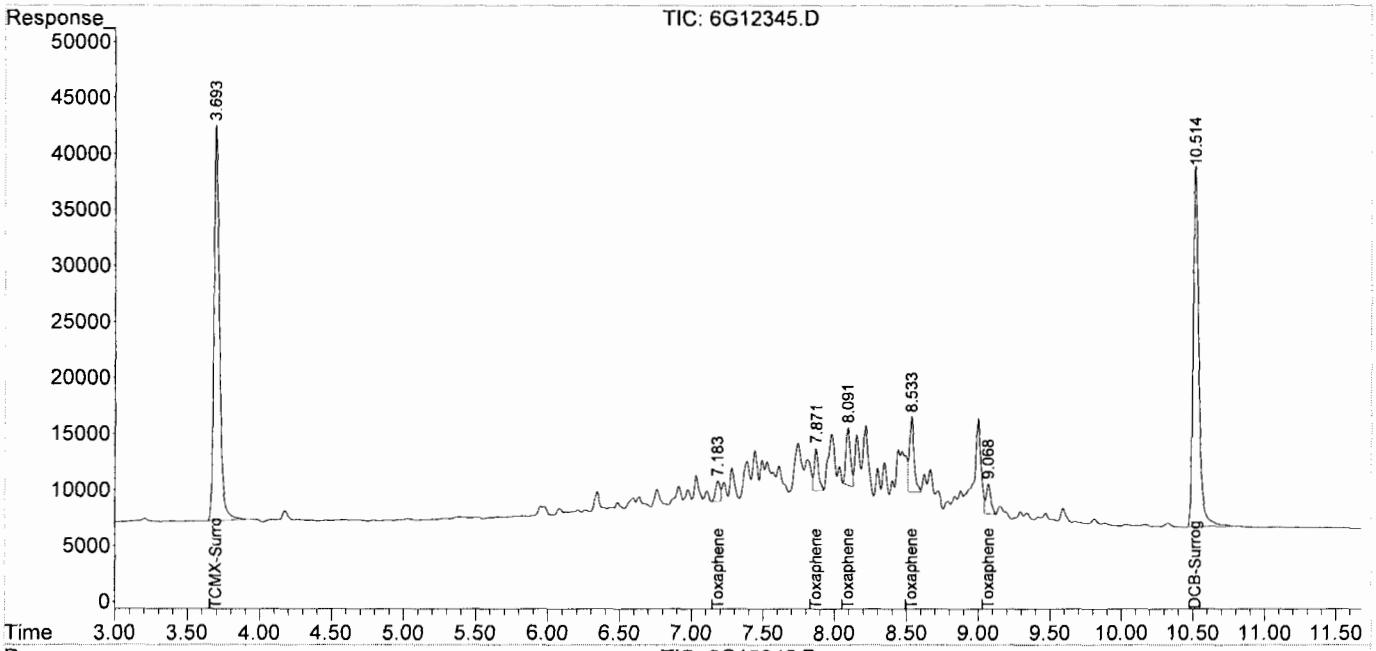
MS

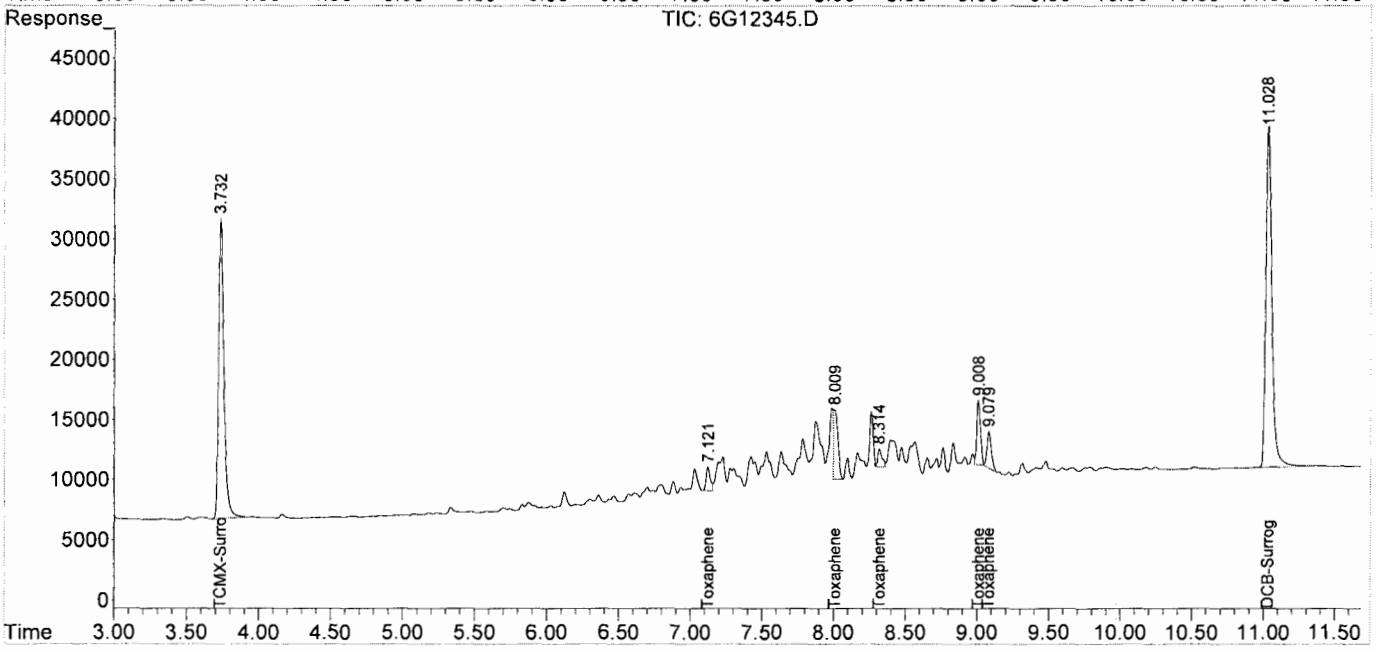
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12345.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:47
Operator : JP
Sample : CAL TOX@500PPB
Misc : S,PEST
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:54:03 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:52:21 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Method: EPA 8081A

Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G20482.	CAL PEST@2PPB	02/13/09 15:57	2	5G20483.	CAL PEST@10PPB	02/13/09 16:16
3	5G20478.	CAL PEST@50PPB	02/13/09 12:48	4	5G20479.	CAL PEST@100PPB	02/13/09 13:06
5	5G20480.	CAL PEST@200PPB	02/13/09 13:24	6	5G20481.	CAL PEST@400PPB	02/13/09 13:42
7	5G20484.	CAL CHLOR@100PP	02/13/09 16:37	8	5G20485.	CAL TOX@500PPB	02/13/09 16:55

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	112.23	117.00	111.82	109.13	107.23	109.28	----	----	111	6.10	1.00	1.00	3.1	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	Avg	154.64	151.34	168.93	155.66	170.89	169.50	----	----	162	7.32	1.00	1.00	5.5	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Avg	157.14	160.11	160.36	159.74	158.85	167.26	----	----	161	7.84	0.999	1.00	2.2	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	Avg	83.535	73.011	69.507	68.155	67.601	69.771	----	----	71.9	8.69	1.00	1.00	8.3	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Avg	143.45	143.21	142.93	137.03	136.75	139.87	----	----	141	8.15	1.00	1.00	2.2	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Avg	181.63	148.98	153.95	153.64	153.98	161.16	----	----	159	9.02	0.999	1.00	7.4	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Avg	139.63	151.25	148.64	145.81	141.35	145.41	----	----	145	8.51	1.00	1.00	3.0	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	132.30	133.23	128.77	125.89	122.65	126.42	----	----	128	9.30	1.00	1.00	3.2	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Avg	137.00	138.86	135.70	132.16	130.24	138.19	----	----	135	9.68	0.999	1.00	2.5	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	133.46	134.00	129.26	128.05	125.67	130.83	----	----	130	9.75	1.00	1.00	2.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Avg	118.58	122.34	116.18	116.27	111.94	120.68	----	----	118	9.65	0.999	1.00	3.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	129.24	130.24	130.41	129.46	127.74	132.77	----	----	130	9.84	1.00	1.00	1.3	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	128.65	135.00	133.65	132.02	129.74	134.35	----	----	132	10.06	1.00	1.00	1.9	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	111.70	114.71	116.07	115.38	113.10	117.69	----	----	115	10.31	1.00	1.00	1.9	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	108.33	91.403	105.27	105.09	103.58	108.75	----	----	104	10.72	0.999	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	113.49	96.332	106.51	103.97	106.32	110.02	----	----	106	10.83	1.00	1.00	5.5	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Qua	68.460	56.001	79.964	86.566	91.066	100.57	----	----	80.4	10.93	0.998	1.00	20	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Avg	75.202	68.786	70.941	71.238	70.833	74.023	----	----	71.8	11.27	1.00	1.00	3.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	106.40	94.754	93.675	94.041	94.636	99.137	----	----	97.1	11.61	0.999	1.00	5.1	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	Qua	35.586	35.118	39.492	41.598	42.425	46.791	----	----	40.2	11.58	0.998	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Avg	124.10	100.10	98.327	100.21	100.82	107.31	----	----	105	12.10	0.999	1.00	9.3	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	Avg	108.25	101.71	94.152	93.800	94.139	98.820	----	----	98.5	13.03	0.999	1.00	5.8	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	----	----	----	----	----	----	----	----	10.2	8.15	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	----	----	----	----	----	----	----	----	18.3	9.68	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	----	----	----	----	----	----	----	----	28.4	9.75	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	----	----	----	----	----	----	----	----	1.09	10.81	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	----	----	----	----	----	----	----	----	0.928	10.99	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	----	----	----	----	----	----	----	----	2.30	11.17	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	----	----	----	----	----	----	----	----	2.37	11.60	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	----	----	----	----	----	----	----	----	0.599	11.67	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Avg	76.237	74.653	73.243	68.211	70.022	68.692	----	----	71.8	6.13	1.00	1.00	4.6	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Avg	111.67	117.12	119.52	120.27	118.75	123.38	----	----	118	7.14	1.00	1.00	3.3	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	105.65	99.578	104.81	100.06	103.96	104.17	----	----	103	7.68	1.00	1.00	2.5	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	LinF	64.153	53.040	48.605	47.548	46.573	47.558	----	----	51.2	7.77	1.00	1.00	13	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	Avg	100.11	84.753	84.801	83.318	81.519	83.474	----	----	86.3	8.11	1.00	1.00	7.9	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	Avg	104.36	99.861	106.15	105.97	105.66	109.43	----	----	105	8.26	1.00	1.00	3.0	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 5.2 Avg Rsd Col 2: 6.5

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Form 6
Initial Calibration

Method: EPA 8081A

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G20482.	CAL PEST@2PPB	02/13/09 15:57	2	5G20483.	CAL PEST@10PPB	02/13/09 16:16
3	5G20478.	CAL PEST@50PPB	02/13/09 12:48	4	5G20479.	CAL PEST@100PPB	02/13/09 13:06
5	5G20480.	CAL PEST@200PPB	02/13/09 13:24	6	5G20481.	CAL PEST@400PPB	02/13/09 13:42
7	5G20484.	CAL CHLOR@100PP	02/13/09 16:37	8	5G20485.	CAL TOX@500PPB	02/13/09 16:55

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	94.782	98.156	96.564	94.689	91.785	92.968	----	----	94.8	8.54	1.00	1.00	2.4	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	91.268	87.171	83.798	81.966	79.283	80.543	----	----	84.0	9.25	1.00	1.00	5.4	2.00	10.00	50.00	100.0	200.0	400.0		
γ-chlordane	2	0	Avg	88.466	87.092	85.789	85.202	84.136	86.141	----	----	86.1	9.45	1.00	1.00	1.7	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	Avg	88.251	82.779	81.424	80.988	80.157	82.484	----	----	82.7	9.64	1.00	1.00	3.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	88.795	80.493	78.333	74.652	74.414	74.576	----	----	78.5	9.69	1.00	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	83.298	81.083	82.485	82.256	81.504	83.491	----	----	82.4	9.93	1.00	1.00	1.2	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	90.047	89.067	86.262	85.570	83.423	85.373	----	----	86.6	10.06	1.00	1.00	2.9	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	74.476	70.420	71.426	71.284	69.958	72.039	----	----	71.6	10.51	1.00	1.00	2.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Avg	73.090	66.566	66.868	67.038	66.491	69.121	----	----	68.2	10.60	1.00	1.00	3.8	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	85.959	79.761	74.355	72.954	71.526	73.371	----	----	76.3	10.72	1.00	1.00	7.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Qua	39.341	42.971	51.699	55.824	58.754	64.310	----	----	52.2	10.95	0.998	1.00	18	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	Qua	75.061	54.270	49.825	49.368	48.575	49.879	----	----	54.5	11.10	1.00	1.00	19	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Avg	77.522	64.515	63.415	63.747	62.982	65.245	----	----	66.2	11.24	1.00	1.00	8.4	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	Avg	24.972	23.549	24.795	26.398	26.594	28.814	----	----	25.9	11.95	0.998	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Avg	85.783	72.832	70.892	71.611	71.128	74.571	----	----	74.5	12.16	0.999	1.00	7.7	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	LinF	75.248	66.301	59.419	58.259	57.962	60.267	----	----	62.9	13.57	1.00	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	----	----	----	----	----	----	----	----	6.31	8.11	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	----	----	----	----	----	----	----	----	12.8	9.45	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	----	----	----	----	----	----	----	----	8.82	9.64	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	----	----	----	----	----	----	----	----	0.926	10.54	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	----	----	----	----	----	----	----	----	1.01	10.75	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	----	----	----	----	----	----	----	----	1.44	10.99	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	----	----	----	----	----	----	----	----	1.34	11.70	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	----	----	----	----	----	----	----	----	0.926	11.77	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 5.2 Avg Rsd Col 2: 6.5

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20482.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 15:57
Operator : JP
Sample : CAL PEST@2PPB
Misc : A,PEST
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 16:19:21 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 15:50:42 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.109	6.130	2244703	1524747	1.916m	2.007m
2)alpha-BHC	7.322	7.137	3092967	2233412	1.790m	1.783
3)gamma-BHC	7.840	7.676	3142866	2113107	1.849	1.931m
4)beta-BHC	8.698	7.775	1670706	1283067	2.126m	2.314m
5)Heptachlor	8.152	8.107	2869103	2002376	1.919	2.149m
6)delta-BHC	9.021	8.260	3632604	2087302	2.065m	1.799m
7)Aldrin	8.515	8.541	2792651	1895651	1.815	1.882m
8)Heptachlor Epoxid	9.301	9.245	2646123	1825376	1.947m	2.047m
9)y-chlordane	9.682	9.446	2740026	1769322	1.924m	1.940m
10)a-chlordane	9.748	9.642	2669332	1765040	1.939m	2.153
11)Endosulfan I	9.648	9.687	2371746	1775916	1.894m	2.368 #
12)p,p'-DDE	9.847	9.932	2584963	1665960	1.877	1.907m
13)Dieldrin	10.065	10.060	2573109	1800952	1.831m	1.973
14)Endrin	10.312	10.504	2234008	1489531	1.820	1.951
15)p,p'-DDD	10.725	10.600	2166754	1461807	1.927m	2.001
16)Endosulfan II	10.830	10.716	2269833	1719194	1.975	2.117
17)p,p'-DDT	10.934	10.954	1369219	786835	1.687	1.492
18)Endrin Aldehyde	11.273	11.098	1504044	1501221	1.933m	3.110m#
19)Endosulfan Sulfat	11.615	11.242	2128038	1550447	2.025m	2.142
20)Methoxychlor	11.578	11.950	711730	499453	1.837m	2.016m
21)Endrin Ketone	12.099	12.159	2482068	1715671	2.231m	2.179m
22)DCB-Surrogate	13.036	13.573	2165007	1504970	2.075m	2.276m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

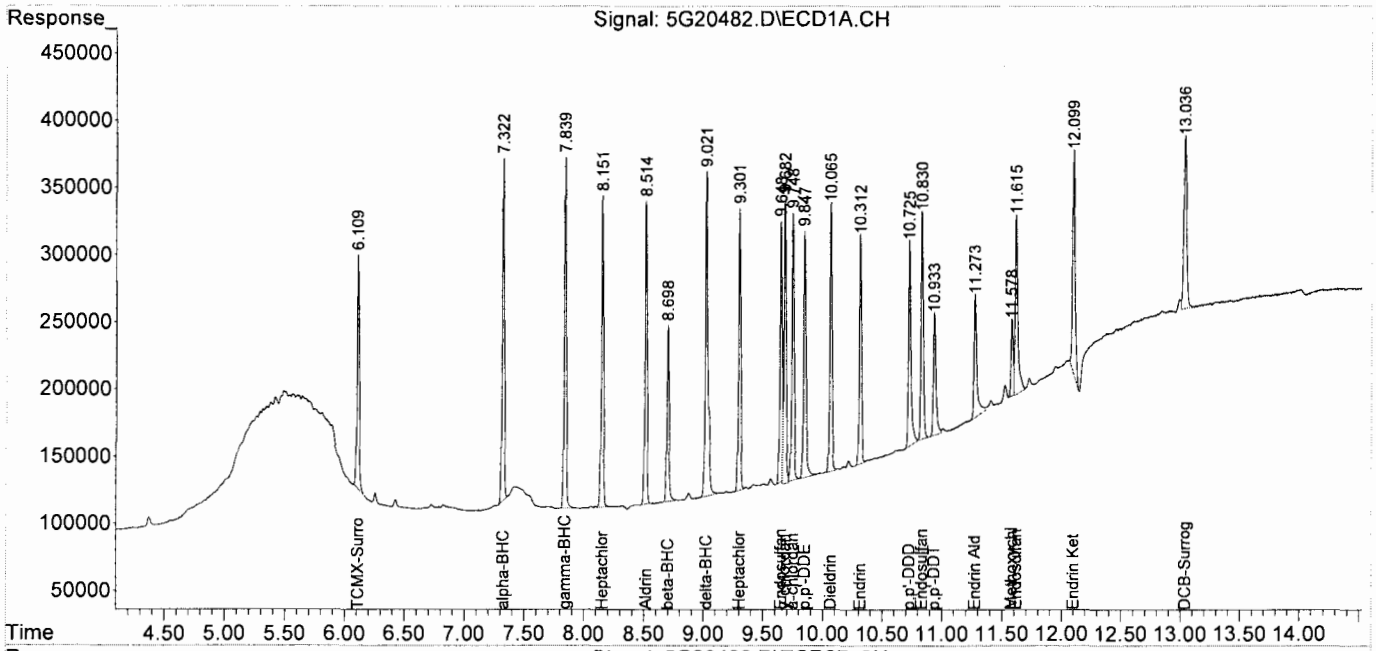
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

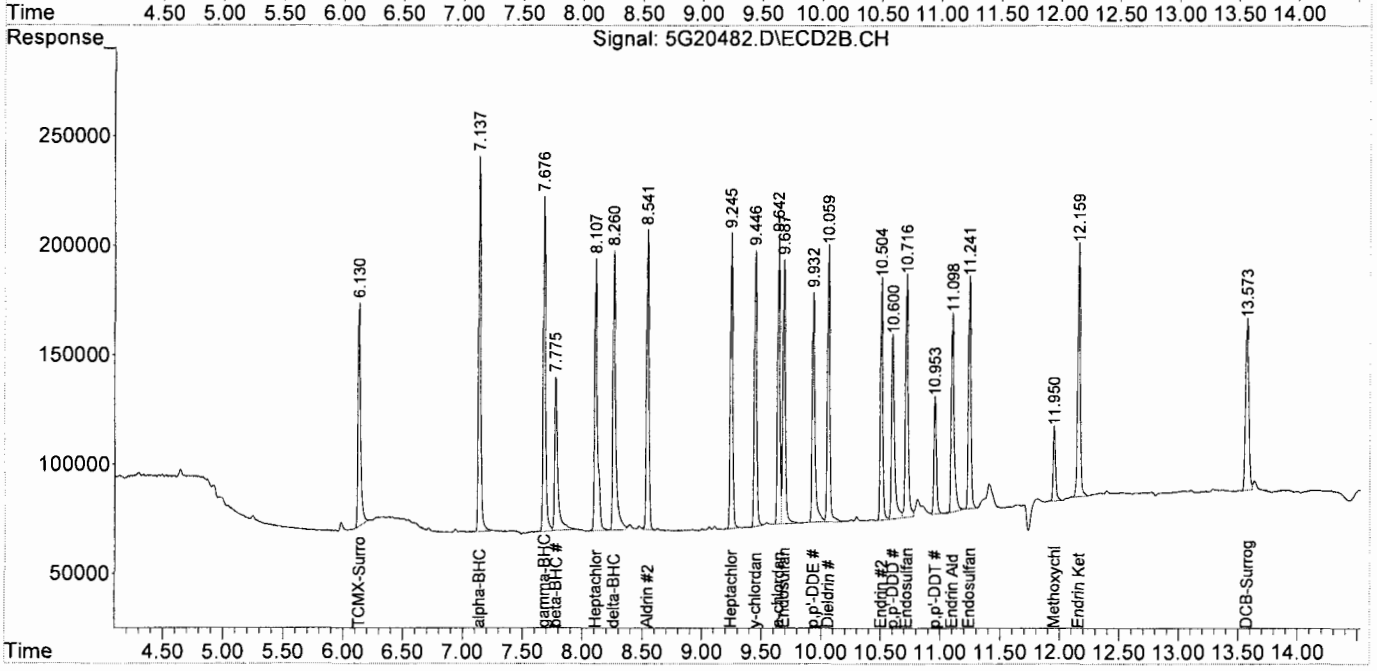
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20482.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 15:57
Operator : JP
Sample : CAL PEST@2PPB
Misc : A,PEST
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 16:19:21 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 15:50:42 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20483.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:16
Operator : JP
Sample : CAL PEST@10PPB
Misc : A,PEST
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 16:59:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 16:22:07 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.133	11700515	7465322	10.451m	10.298m
2)alpha-BHC	7.319	7.139	15134372	11712615	9.131	9.811
3)gamma-BHC	7.836	7.678	16011150	9957857	9.904	9.524
4)beta-BHC	8.695	7.775	7301143	5304001	10.081	10.277
5)Heptachlor	8.149	8.110	14321249	8475326	10.063	9.661
6)delta-BHC	9.018	8.262	14898803	9986195	9.244	9.361
7)Aldrin	8.511	8.542	15125527	9815612	10.338	10.268
8)Heptachlor Epoxid	9.298	9.246	13323736	8717125	10.314	10.299
9)y-chlordane	9.680	9.447	13886352	8709203	10.216m	10.041m
10)a-chlordane	9.745	9.643	13400821	8277948	10.238m	10.099
11)Endosulfan I	9.645	9.689	12234798	8049303	10.318m	10.736
12)p,p'-DDE	9.845	9.935	13024971	8108322	9.928	9.749
13)Dieldrin	10.062	10.059	13500367	8906784	10.126	10.228
14)Endrin	10.309	10.506	11471159	7042028	9.872	9.714
15)p,p'-DDD	10.725	10.603	9140329	6656626	8.562	9.661
16)Endosulfan II	10.828	10.717	9633276	7976104	8.857	10.436
17)p,p'-DDT	10.931	10.954	5600133	4297159	6.879	8.117
18)Endrin Aldehyde	11.270	11.099	6878660	5427060	9.448m	11.238
19)Endosulfan Sulfat	11.612	11.242	9475470	6451598	9.689m	9.637
20)Methoxychlor	11.577	11.950	3511855	2354920	9.032m	9.476
21)Endrin Ketone	12.096	12.159	10010205	7283258	9.460	9.735
22)DCB-Surrogate	13.034	13.573	10171292	6630110	10.273	10.517
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

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

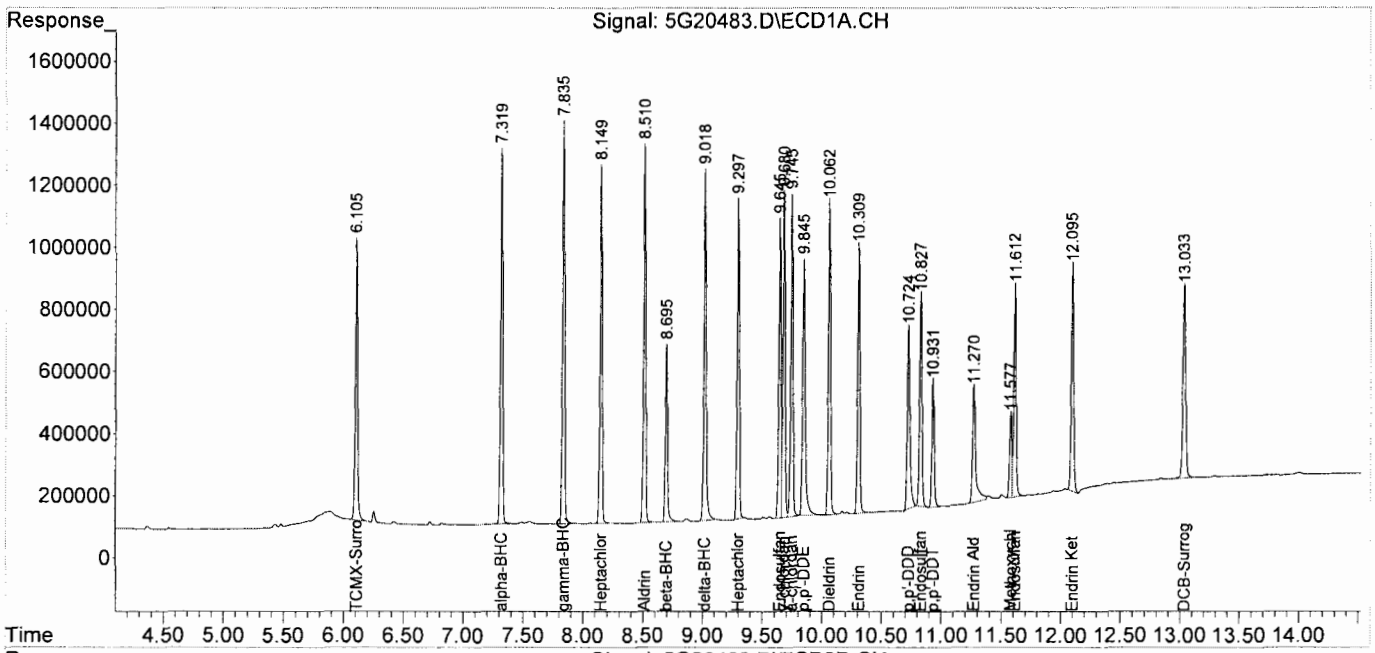
MS

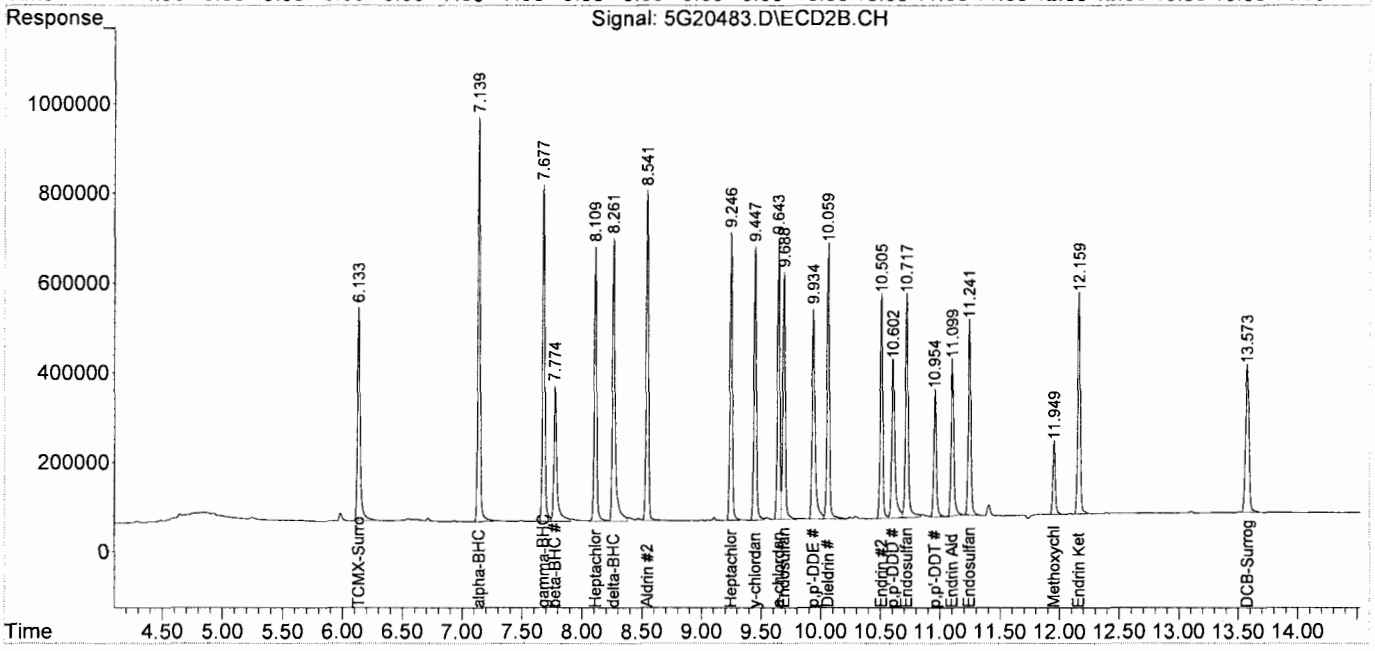
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20483.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:16
Operator : JP
Sample : CAL PEST@10PPB
Misc : A,PEST
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 16:59:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 16:22:07 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20478.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 12:48
Operator : JP
Sample : CAL PEST@50PPB
Misc : A,PEST
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:51:08 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	55914920	36621503	52.336m	49.456
2)alpha-BHC	7.319	7.139	84468603	59760591	54.823	51.703
3)gamma-BHC	7.836	7.678	80180762	52405347	56.514	51.992
4)beta-BHC	8.694	7.773	34753631	24302641	56.051	50.679
5)Heptachlor	8.149	8.110	71468277	42400672	56.854	53.043
6)delta-BHC	9.017	8.258	76976305	53076145	57.599	52.251
7)Aldrin	8.511	8.542	74323519	48282248	55.974	51.837
8)Heptachlor Epoxid	9.298	9.246	64385886	41899452	55.155	50.622
9)y-chlordane	9.679	9.447	67851987	42894685	57.738m	51.438m
10)a-chlordane	9.745	9.643	64630938	40712132	56.512m	51.031
11)Endosulfan I	9.645	9.688	58093250	39166677	53.046m	52.855
12)p,p'-DDE	9.842	9.931	65209532	41242947	56.070	50.858
13)Dieldrin	10.062	10.059	66826730	43131209	56.465	51.714
14)Endrin	10.308	10.505	58039162	35713363	55.536m	51.253
15)p,p'-DDD	10.720	10.596	52636143	33434299	53.703m	49.742
16)Endosulfan II	10.826	10.715	53256558	37177876	55.411	51.504
17)p,p'-DDT	10.929	10.952	39982322	25849589	67.746	58.068
18)Endrin Aldehyde	11.269	11.097	35470959	24912894	57.471	54.612
19)Endosulfan Sulfat	11.612	11.240	46837758	31707657	58.918m	53.287
20)Methoxychlor	11.575	11.948	19746388	12397728	61.949m	61.037
21)Endrin Ketone	12.097	12.159	49163544	35446119	54.419	53.931
22)DCB-Surrogate	13.033	13.572	47076101	29709900	54.363	54.355m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

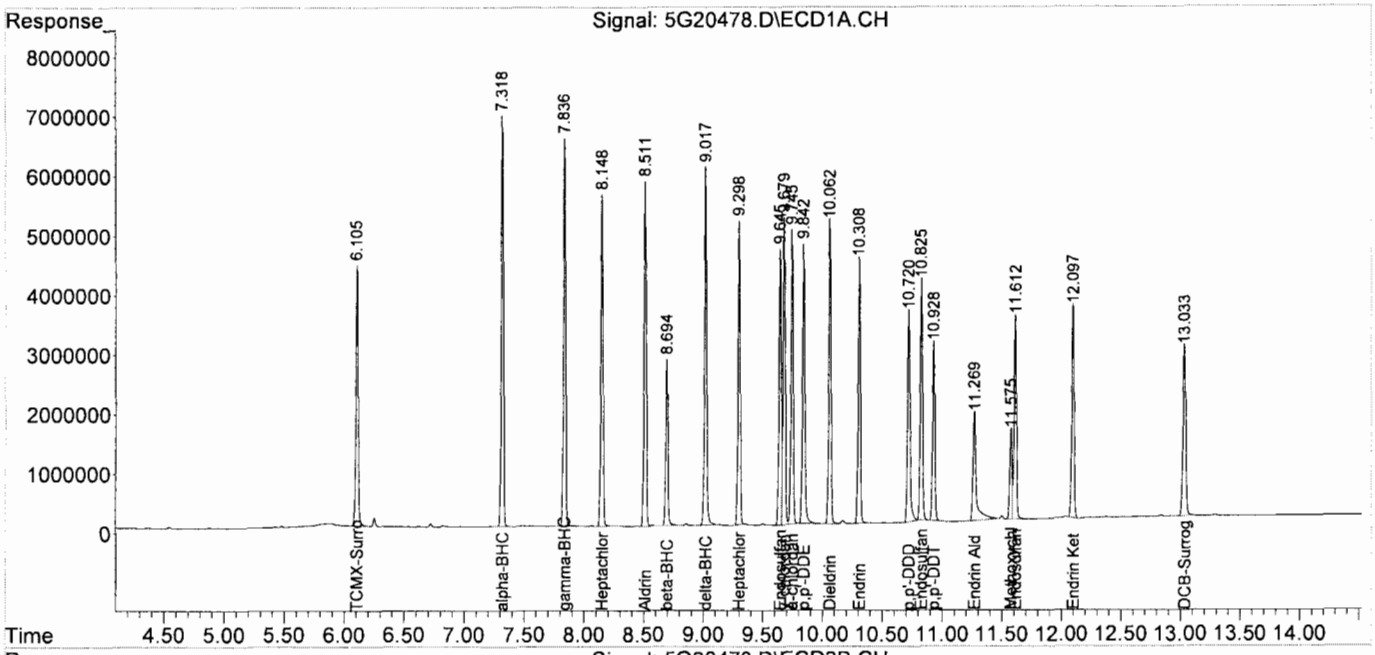
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

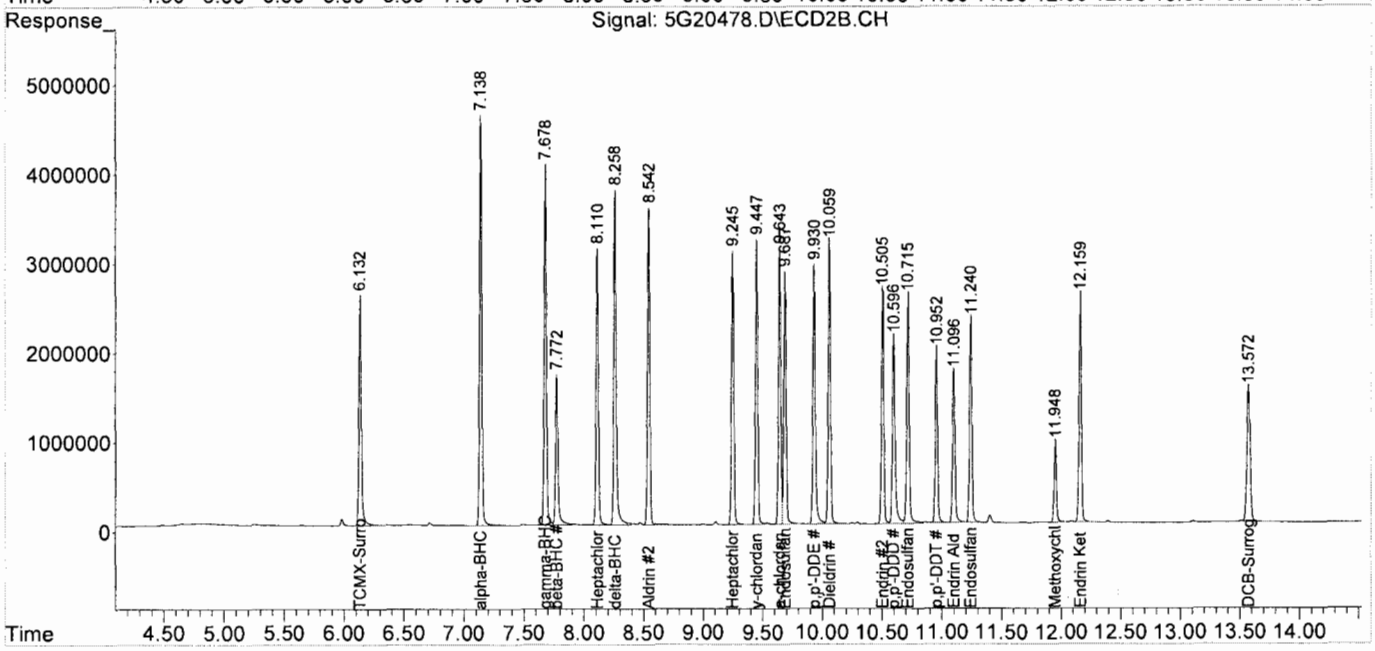
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20478.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 12:48
Operator : JP
Sample : CAL PEST@50PPB
Misc : A,PEST
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:51:08 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20479.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:06
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:46:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	109.1E6	68211914	102.150m	92.118
2)alpha-BHC	7.319	7.139	155.7E6	120.3E6	101.033	104.061
3)gamma-BHC	7.837	7.679	159.7E6	100.1E6	112.591	99.273
4)beta-BHC	8.694	7.772	68155868	47548209	109.922	99.153
5)Heptachlor	8.149	8.111	137.0E6	83318833	109.009	104.232
6)delta-BHC	9.018	8.258	153.6E6	106.0E6	114.970	104.328
7)Aldrin	8.512	8.543	145.8E6	94689352	109.819	101.661
8)Heptachlor Epoxid	9.299	9.247	125.9E6	81966979	107.841	99.031
9)y-chlordane	9.679	9.447	132.2E6	85202497	112.467m	102.171m
10)a-chlordane	9.746	9.644	128.1E6	80988883	111.971m	101.516
11)Endosulfan I	9.645	9.688	116.3E6	74652857	106.169m	101.217
12)p,p'-DDE	9.842	9.931	129.5E6	82256669	111.320	101.433
13)Dieldrin	10.063	10.060	132.0E6	85570114	111.556	102.598
14)Endrin	10.309	10.506	115.4E6	71284067	110.410m	102.301
15)p,p'-DDD	10.720	10.596	105.1E6	67038731	107.226m	99.736
16)Endosulfan II	10.826	10.716	104.0E6	72954950	108.184	101.068
17)p,p'-DDT	10.928	10.952	86566499	55824606	135.228	118.925
18)Endrin Aldehyde	11.269	11.098	71238458	49368678	115.422m	107.878
19)Endosulfan Sulfat	11.612	11.242	94041407	63747602	118.297m	107.133
20)Methoxychlor	11.576	11.949	41598418	26398325	123.955m	123.839
21)Endrin Ketone	12.097	12.159	100.2E6	71611959	110.924	108.956
22)DCB-Surrogate	13.033	13.574	93800034	58259234	108.319	106.586m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

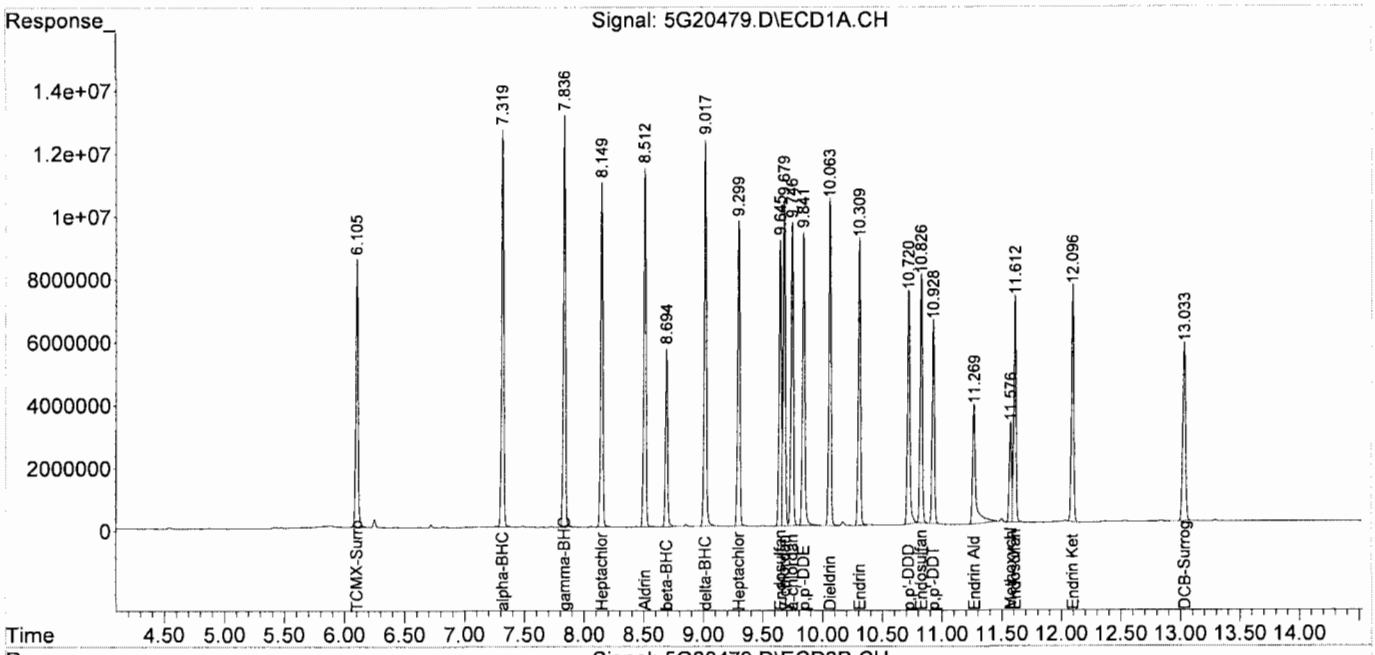
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

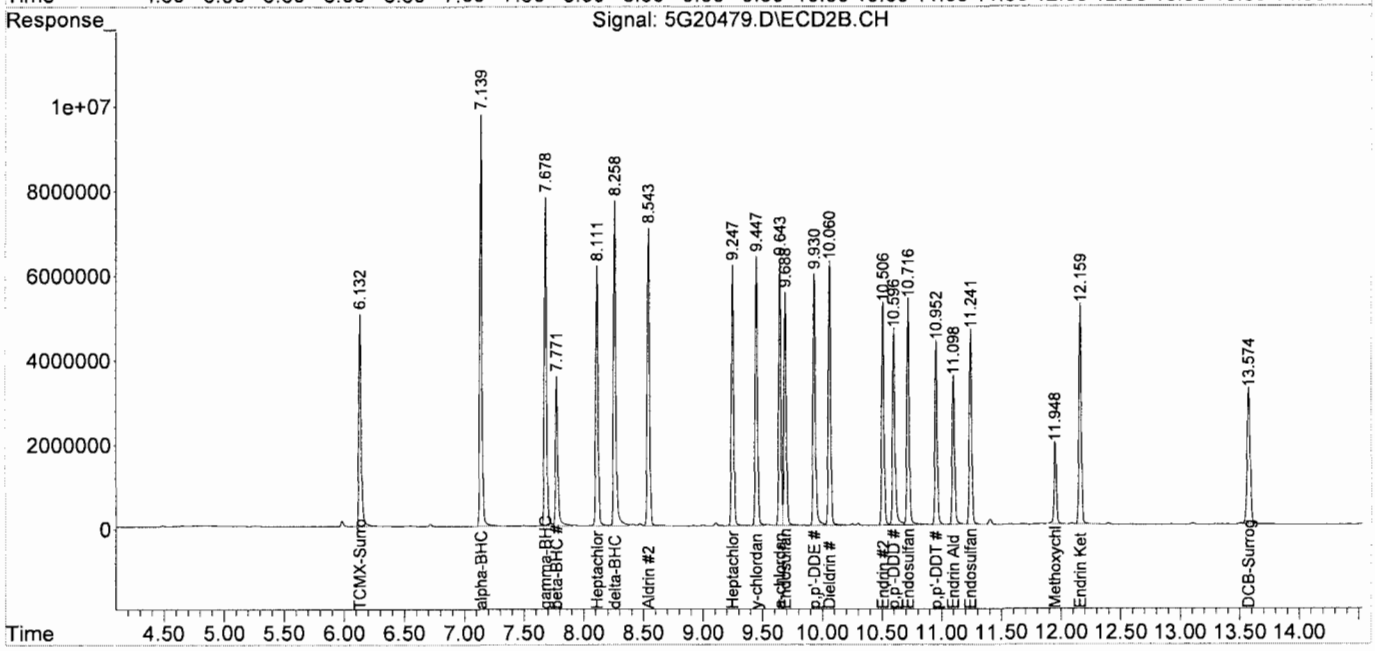
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20479.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:06
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:46:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20480.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:24
Operator : JP
Sample : CAL PEST@200PPB
Misc : A,PEST
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:49:28 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	214.5E6	140.0E6	200.746	189.126
2)alpha-BHC	7.319	7.138	341.8E6	237.5E6	221.826	205.486
3)gamma-BHC	7.837	7.678	317.7E6	207.9E6	223.929	206.297
4)beta-BHC	8.694	7.771	135.2E6	93146287	218.055	194.240
5)Heptachlor	8.149	8.110	273.5E6	163.0E6	217.577	203.960
6)delta-BHC	9.018	8.258	308.0E6	211.3E6	230.448	208.053
7)Aldrin	8.512	8.543	282.7E6	183.6E6	212.911	197.088
8)Heptachlor Epoxid	9.299	9.247	245.3E6	158.6E6	210.130	191.579
9)y-chlordane	9.679	9.448	260.5E6	168.3E6	221.662m	201.787m
10)a-chlordane	9.746	9.643	251.4E6	160.3E6	219.776m	200.947
11)Endosulfan I	9.645	9.688	223.9E6	148.8E6	204.438m	203.820
12)p,p'-DDE	9.842	9.930	255.5E6	163.0E6	219.683	201.011
13)Dieldrin	10.063	10.060	259.5E6	166.8E6	219.257	200.049
14)Endrin	10.309	10.506	226.2E6	139.9E6	216.447m	200.796
15)p,p'-DDD	10.719	10.595	207.2E6	133.0E6	211.361	197.845
16)Endosulfan II	10.826	10.716	212.7E6	143.1E6	221.259	198.179
17)p,p'-DDT	10.928	10.951	182.1E6	117.5E6	250.928	228.948
18)Endrin Aldehyde	11.269	11.098	141.7E6	97151120	229.532	210.993
19)Endosulfan Sulfat	11.612	11.241	189.3E6	126.0E6	238.091m	211.695
20)Methoxychlor	11.575	11.947	84850975	53188238	232.434m	230.949
21)Endrin Ketone	12.096	12.159	201.6E6	142.3E6	223.203	216.442m
22)DCB-Surrogate	13.032	13.572	188.3E6	115.9E6	217.422	212.087m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

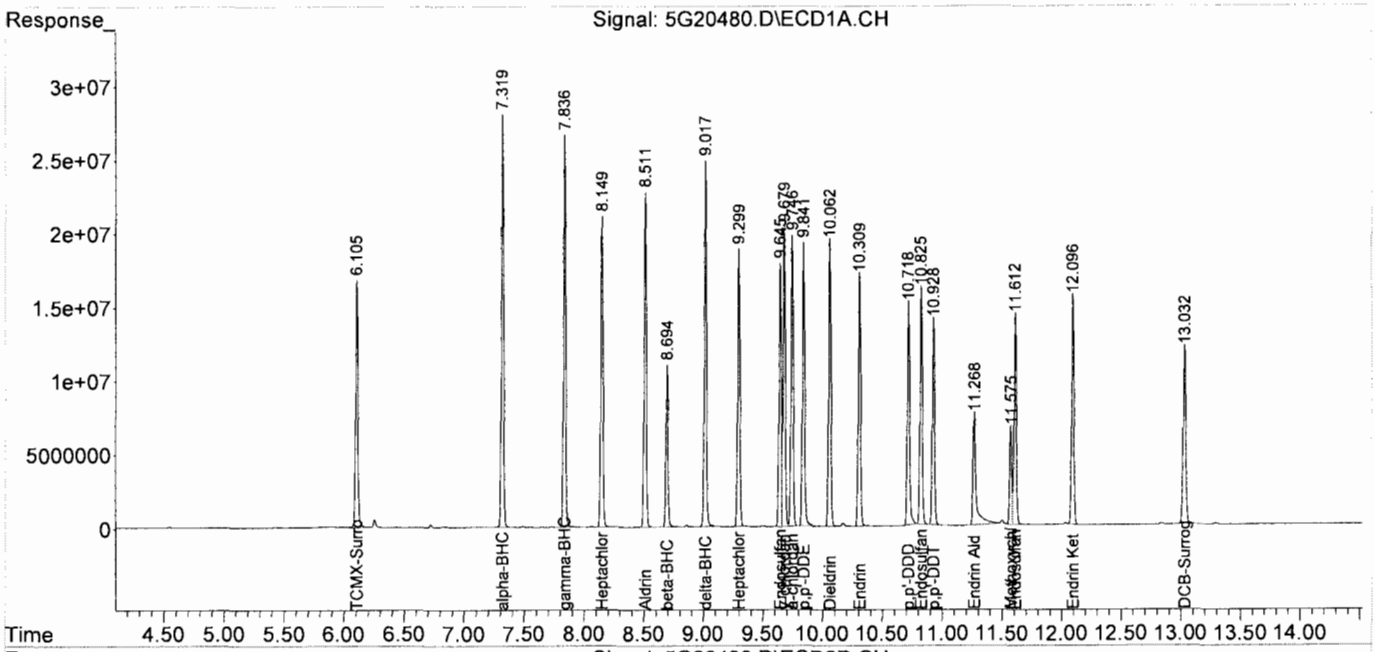
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

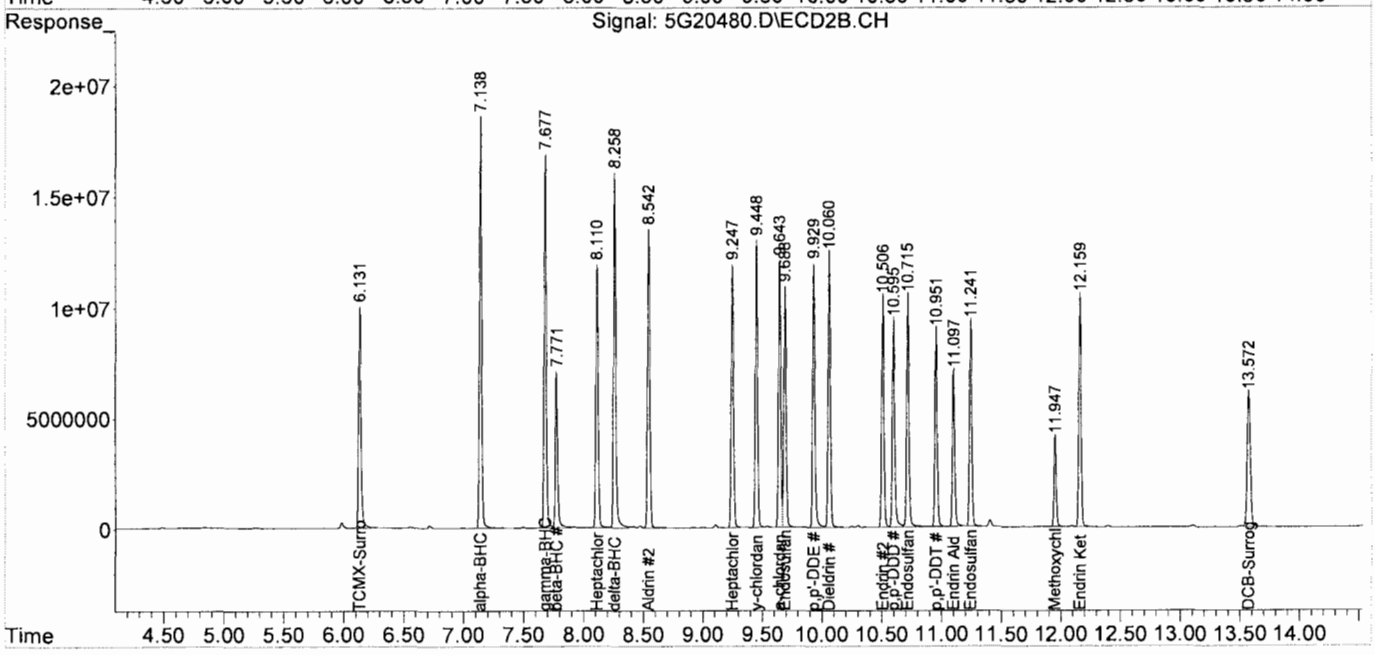
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20480.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:24
Operator : JP
Sample : CAL PEST@200PPB
Misc : A,PEST
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:49:28 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20481.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:42
Operator : JP
Sample : CAL PEST@400PPB
Misc : A,PEST
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 14:00:46 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.131	437.1E6	274.8E6	409.148	371.072
2)alpha-BHC	7.319	7.139	678.0E6	493.6E6	440.046m	427.009
3)gamma-BHC	7.837	7.678	669.1E6	416.7E6	471.576	413.397
4)beta-BHC	8.694	7.770	279.1E6	190.2E6	450.109	396.697
5)Heptachlor	8.150	8.110	559.5E6	333.9E6	445.076	417.704
6)delta-BHC	9.018	8.257	644.7E6	437.7E6	482.381m	430.933
7)Aldrin	8.512	8.543	581.7E6	371.9E6	438.073	399.256
8)Heptachlor Epoxid	9.299	9.247	505.7E6	322.2E6	433.205	389.246
9)y-chlordane	9.680	9.447	552.8E6	344.6E6	470.400m	413.190m
10)a-chlordane	9.746	9.644	523.3E6	329.9E6	457.604m	413.559
11)Endosulfan I	9.646	9.688	482.7E6	298.3E6	440.791m	417.277
12)p,p'-DDE	9.841	9.930	531.1E6	334.0E6	456.653	411.820
13)Dieldrin	10.063	10.061	537.4E6	341.5E6	454.072	409.451
14)Endrin	10.309	10.505	470.8E6	288.2E6	450.489	413.536
15)p,p'-DDD	10.719	10.593	435.0E6	276.5E6	443.818	411.342
16)Endosulfan II	10.826	10.715	440.1E6	293.5E6	457.908	406.580
17)p,p'-DDT	10.928	10.951	402.3E6	257.2E6	457.685	432.727
18)Endrin Aldehyde	11.268	11.097	296.1E6	199.5E6	479.737m	427.819
19)Endosulfan Sulfat	11.612	11.239	396.6E6	261.0E6	498.833m	438.597
20)Methoxychlor	11.574	11.947	187.2E6	115.3E6	443.210m	437.628
21)Endrin Ketone	12.096	12.158	429.2E6	298.3E6	475.129	453.834
22)DCB-Surrogate	13.033	13.573	395.3E6	241.1E6	456.466	441.043m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

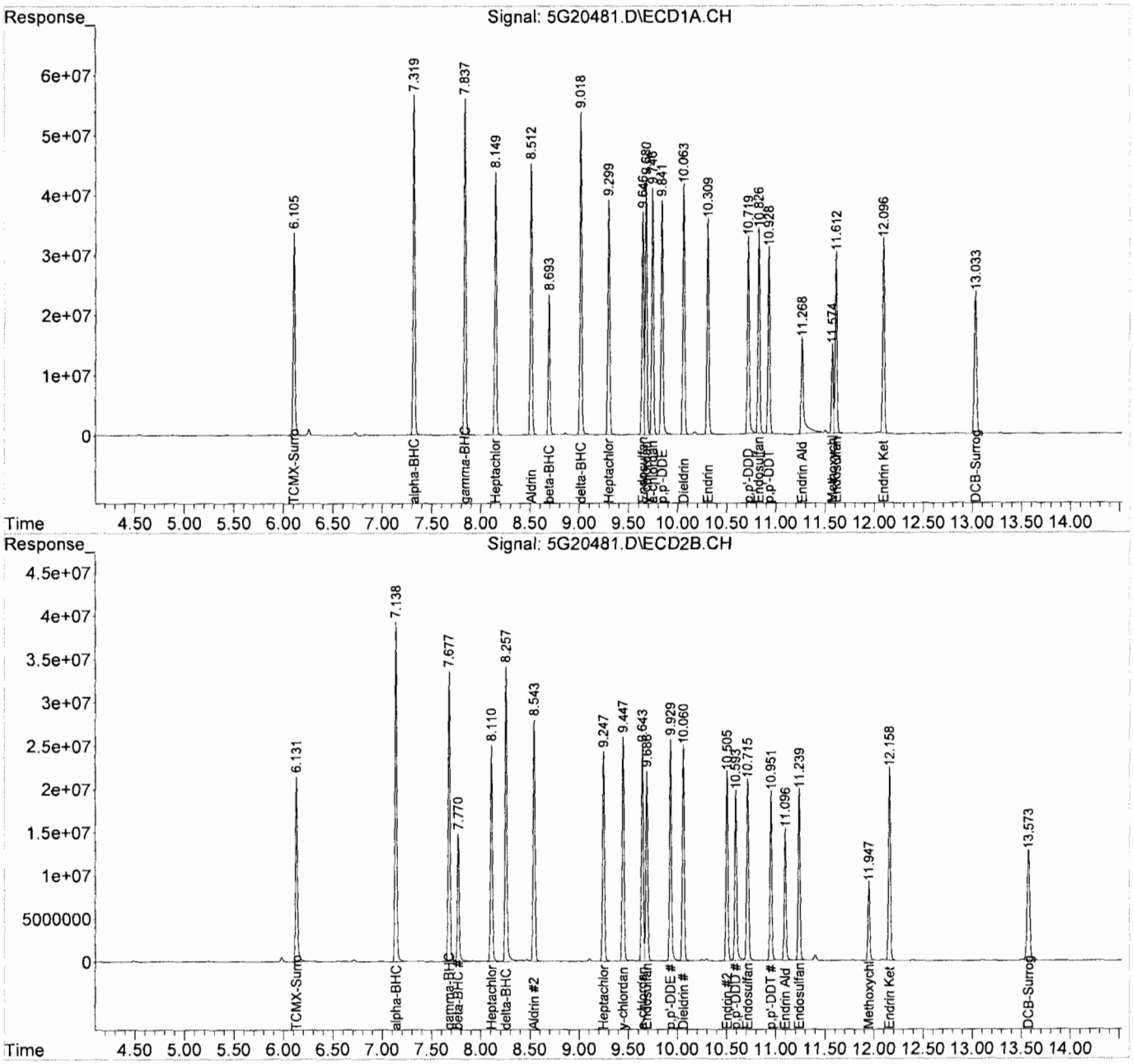
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20481.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:42
Operator : JP
Sample : CAL PEST@400PPB
Misc : A,PEST
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 14:00:46 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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



Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20484.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:37
Operator : JP
Sample : CAL CHLOR@100PPB
Misc : A,PEST
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 17:27:38 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 17:27:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

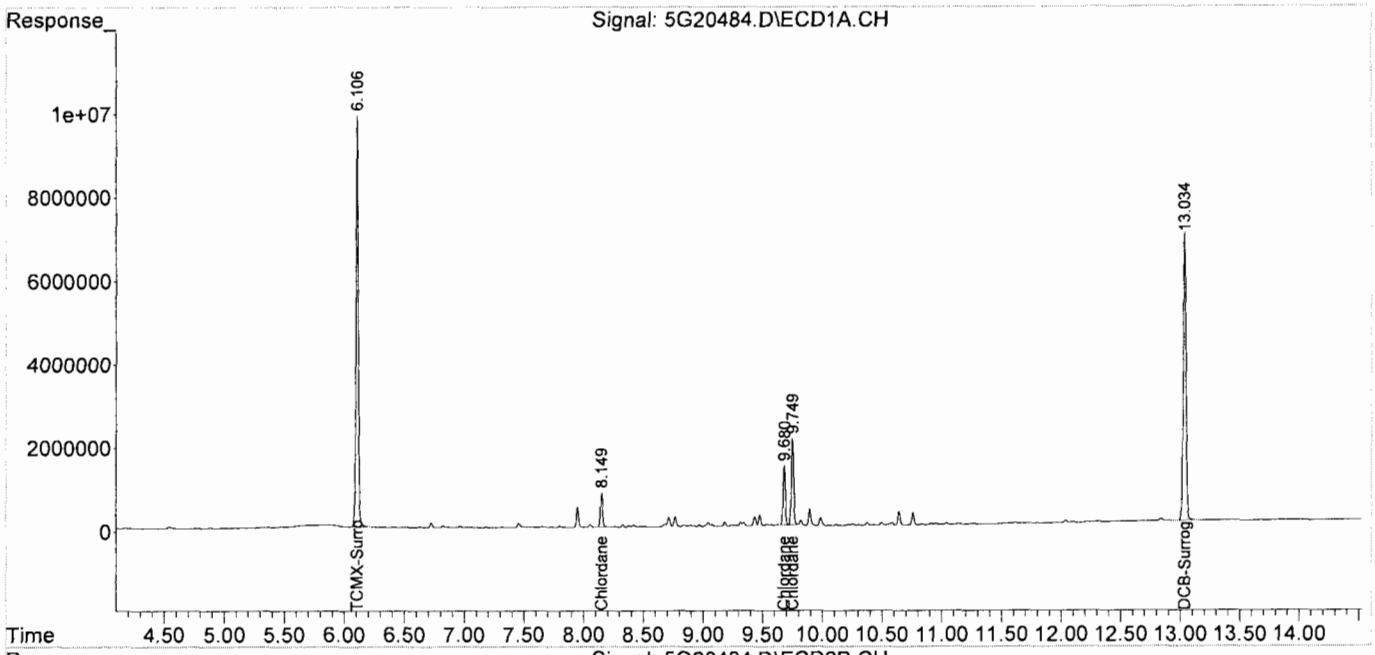
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.106	6.130	126.7E6	80421613	108.178	105.870
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	13.034	13.572	110.9E6	68516738	106.316	103.640
23)Chlordane {1}	8.149	8.108	10177990	6312964	108.591	108.849
24)Chlordane {2}	9.680	9.447	18305581	12808593	109.901	108.285m
25)Chlordane {3}	9.749	9.642	28374518	8823467	109.898	109.529
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

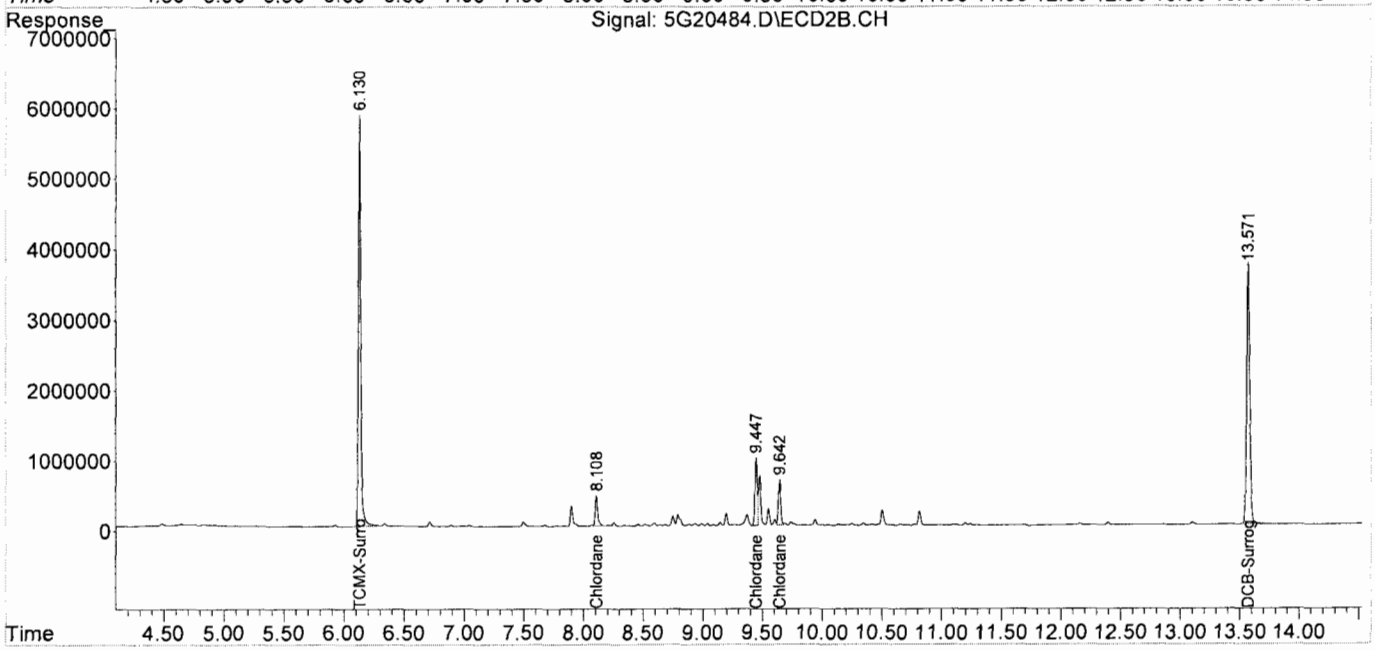
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20484.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:37
Operator : JP
Sample : CAL CHLOR@100PPB
Misc : A,PEST
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 17:27:38 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 17:27:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20485.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:55
Operator : JP
Sample : CAL TOX@500PPB
Misc : A,PEST
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 17:29:29 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 17:28:22 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	64052321	39628781	54.686	52.169
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	13.032	13.573	53400543	33421888	51.183	50.555
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	10.806	10.535	5440935	4630077	550.614m	588.246
27)Toxaphene {2}	10.995	10.754	4642195	5035520	528.815	554.250m
28)Toxaphene {3}	11.167	10.994	11511208	7201528	518.159	506.415
29)Toxaphene {4}	11.605	11.699	11866968	6716849	523.308m	517.091m
30)Toxaphene {5}	11.672	11.768	2994506	4629158	514.630	529.740m

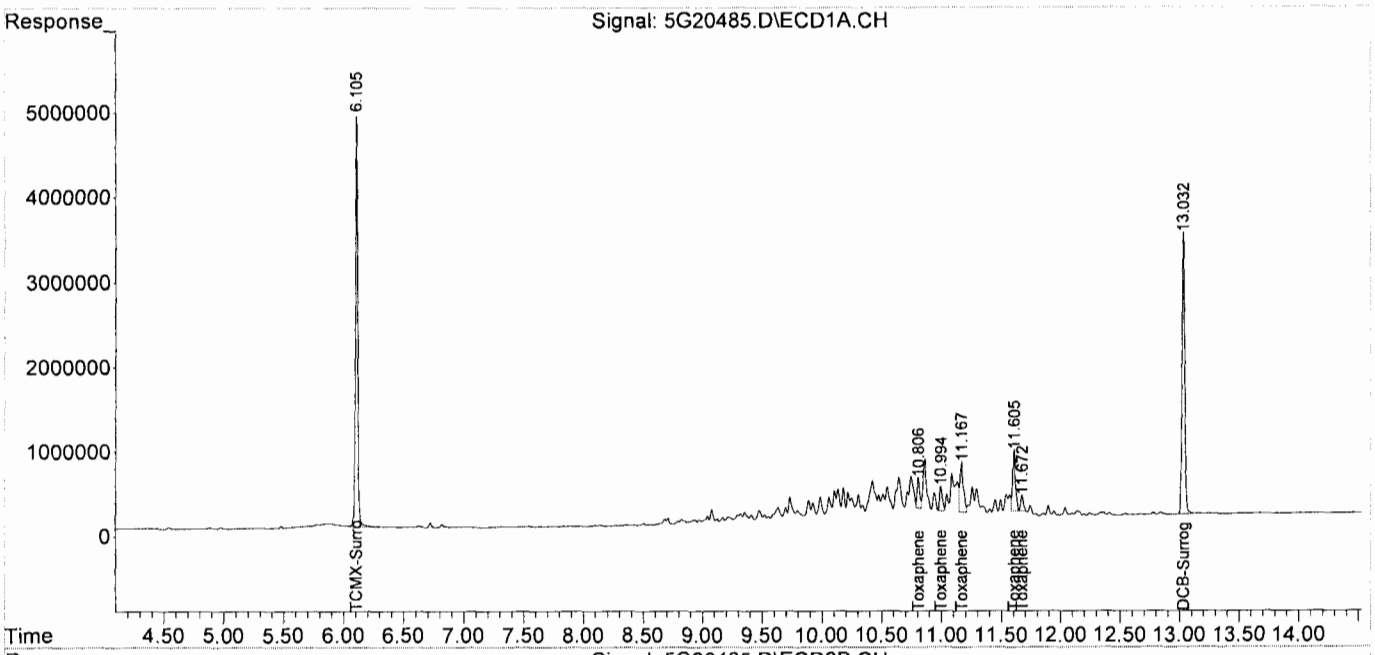
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

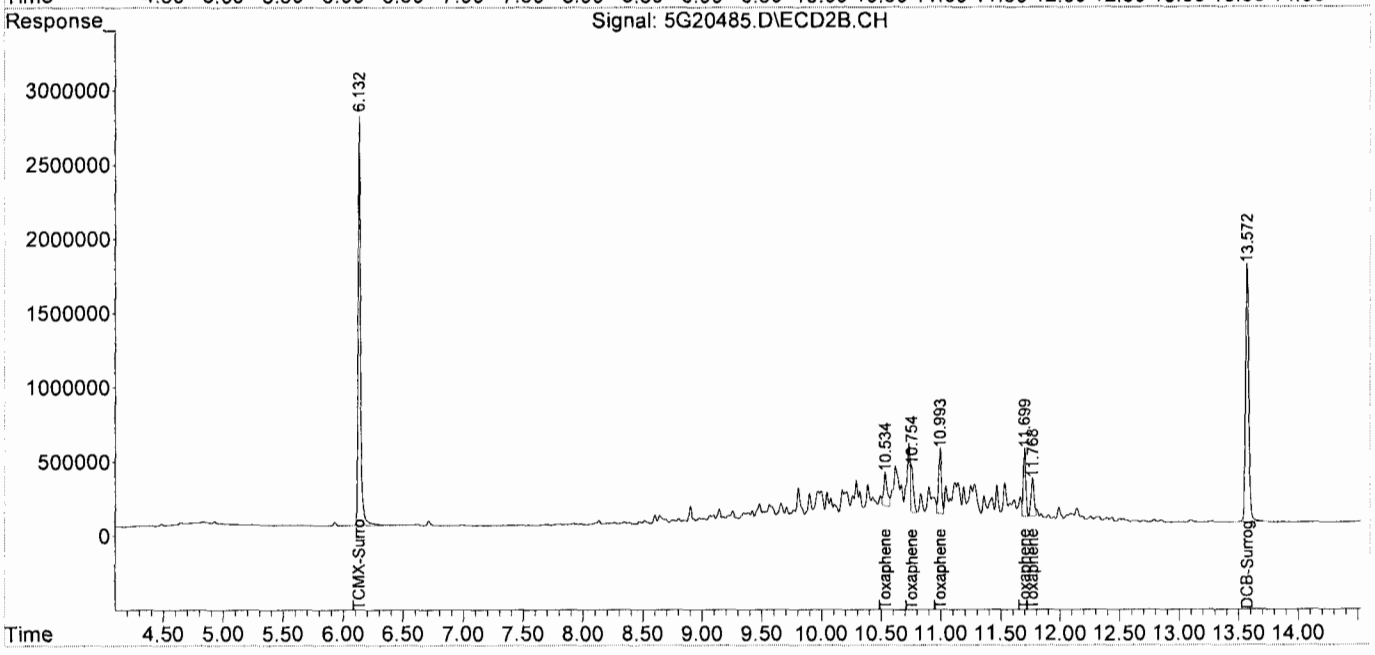
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20485.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:55
Operator : JP
Sample : CAL TOX@500PPB
Misc : A,PEST
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 17:29:29 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 17:28:22 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Form7
Continuing Calibration

Method: EPA 8081A

				5G20760.D			5G20765.D			6G12739.D			6G12759.D			6G12773.D		
Data File:				5G20760.D			5G20765.D			6G12739.D			6G12759.D			6G12773.D		
Method:				8081			8081			8081			8081			8081		
Calibration Name:				CAL PEST@200PP			CAL PEST@200PP			CAL PEST@400PP			CAL PEST@200PP			CAL PEST@400PP		
Calibration Date/Time				02/25/09 12:59			02/25/09 15:13			02/25/09 00:31			02/25/09 09:39			02/26/09 04:31		
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	183.4	200	8.3	184.2	200	7.9	375.4	400	6.1	216.1	200	8.1	404.4	400	1.1
alpha-BHC	15	1	0	192.9	200	3.6	194	200	3.0	430.9	400	7.7	212.1	200	6.0	437.3	400	9.3
gamma-BHC	15	1	0	192.5	200	3.7	191.5	200	4.2	444	400	11.0	209.6	200	4.8	454	400	13.5
beta-BHC	15	1	0	179.2	200	10.4	179.5	200	10.3	423.1	400	5.8	189.9	200	5.0	419.6	400	4.9
Heptachlor	15	1	0	179.5	200	10.3	180.9	200	9.6	404.3	400	1.1	202.6	200	1.3	422.8	400	5.7
delta-BHC	15	1	0	183.5	200	8.3	186.3	200	6.8	439.8	400	10.0	202	200	1.0	439.5	400	9.9
Aldrin	15	1	0	187.5	200	6.3	187.3	200	6.4	425.9	400	6.5	201	200	0.5	433.4	400	8.3
Heptachlor Epoxide	15	1	0	182	200	9.0	182	200	9.0	395.4	400	1.1	196.1	200	2.0	398.2	400	0.4
y-chlordane	15	1	0	180.7	200	9.7	181.1	200	9.5	413.2	400	3.3	199.2	200	0.4	408.6	400	2.2
a-chlordane	15	1	0	183.5	200	8.3	180.5	200	9.8	400.3	400	0.1	187.9	200	6.0	390.9	400	2.3
Endosulfan I	15	1	0	189.1	200	5.5	184.6	200	7.7	413.4	400	3.4	209.1	200	4.6	411.8	400	2.9
p,p'-DDE	15	1	0	186.8	200	6.6	181.7	200	9.1	451.6	400	12.9	208	200	4.0	445	400	11.2
Dieldrin	15	1	0	185.7	200	7.2	184.1	200	7.9	430.4	400	7.6	204.5	200	2.2	429.4	400	7.4
Endrin	15	1	0	184.3	200	7.9	185.5	200	7.3	453.5	400	13.4	214.2	200	7.1	414.4	400	3.6
p,p'-DDD	15	1	0	183.4	200	8.3	181.4	200	9.3	452.0	400	13.0	198.5	200	0.8	444.8	400	11.2
Endosulfan II	15	1	0	185.4	200	7.3	184	200	8.0	413.3	400	3.3	189.9	200	5.1	407.0	400	1.8
p,p'-DDT	15	1	0	191.4	200	4.3	184.1	200	7.9	399.8	400	0.1	195.3	200	2.3	415.5	400	3.9
Endrin Aldehyde	15	1	0	194.3	200	2.9	195.3	200	2.4	396.6	400	0.8	175.6	200	12.2	409.0	400	2.3
Endosulfan Sulfate	15	1	0	178.0	200	11.0	179.1	200	10.5	415.8	400	3.9	197.2	200	1.4	424.3	400	6.1
Methoxychlor	15	1	0	189.0	200	5.5	180.5	200	9.8	401.6	400	0.4	206.7	200	3.3	442.9	400	10.7
Endrin Ketone	15	1	0	177.5	200	11.2	176.4	200	11.8	425.1	400	6.3	199.7	200	0.2	440.3	400	10.1
DCB-Surrogate	15	1	0	170.5	200	14.7	171.1	200	14.4	402.5	400	0.6	198.8	200	0.6	407.8	400	2.0
Average Difference	15	1	0			7.7			8.3			5.4			3.6			5.9
TCMX-Surrogate	15	2	0	186.2	200	6.9	189.8	200	5.1	385.4	400	3.7	224.9	200	12.5	394.6	400	1.3
alpha-BHC	15	2	0	196.6	200	1.7	195.9	200	2.0	414.2	400	3.6	238.6	200	19.3*	421.7	400	5.4
gamma-BHC	15	2	0	183.8	200	8.1	184.6	200	7.7	449	400	12.2	248.1	200	24.0*	459.3	400	14.8
beta-BHC	15	2	0	188	200	6.0	188.4	200	5.8	411.3	400	2.8	220.9	200	10.4	425.4	400	6.4
Heptachlor	15	2	0	177.3	200	11.3	185.7	200	7.2	420.6	400	5.2	240.5	200	20.2*	433.6	400	8.4
delta-BHC	15	2	0	195.4	200	2.3	193.6	200	3.2	420.2	400	5.0	229.4	200	14.7	438.2	400	9.6
Aldrin	15	2	0	186.5	200	6.8	186.7	200	6.7	440.2	400	10.1	232.4	200	16.2*	449.1	400	12.3
Heptachlor Epoxide	15	2	0	180.5	200	9.8	181.2	200	9.4	413.9	400	3.5	218.1	200	9.0	417.8	400	4.4
y-chlordane	15	2	0	184.1	200	8.0	184.8	200	7.6	414.4	400	3.6	212.6	200	6.3	418.5	400	4.6
a-chlordane	15	2	0	184.2	200	7.9	182.8	200	8.6	390.3	400	2.4	205.8	200	2.9	392.5	400	1.9
Endosulfan I	15	2	0	178.2	200	10.9	174.8	200	12.6	433.0	400	8.3	222.9	200	11.5	440.0	400	10.0
p,p'-DDE	15	2	0	186.8	200	6.6	169.6	200	15.2	432.3	400	8.1	222.2	200	11.1	437.5	400	9.4
Dieldrin	15	2	0	182.4	200	8.8	171.8	200	14.1	441	400	10.2	228.4	200	14.2	445.5	400	11.4
Endrin	15	2	0	183.1	200	8.4	180.4	200	9.8	447.0	400	11.8	232.5	200	16.3*	411.8	400	2.9
p,p'-DDD	15	2	0	178.1	200	11.0	175.3	200	12.4	412.7	400	3.2	214	200	7.0	412.9	400	3.2
Endosulfan II	15	2	0	175.4	200	12.3	171.7	200	14.2	420.7	400	5.2	208.1	200	4.1	412.1	400	3.0
p,p'-DDT	15	2	0	192.2	200	3.9	188.2	200	5.9	393.1	400	1.7	211.5	200	5.8	415.2	400	3.8
Endrin Aldehyde	15	2	0	185.7	200	7.2	181.3	200	9.3	398.6	400	0.3	203.1	200	1.6	413	400	3.2
Endosulfan Sulfate	15	2	0	177	200	11.5	175.8	200	12.1	432.7	400	8.2	216.1	200	8.0	437.5	400	9.4
Methoxychlor	15	2	0	190	200	5.0	192.7	200	3.7	396.9	400	0.8	217	200	8.5	425.8	400	6.4
Endrin Ketone	15	2	0	175.3	200	12.4	175.5	200	12.2	409.6	400	2.4	225.4	200	12.7	431.6	400	7.9
DCB-Surrogate	15	2	0	169.5	200	15.2	172.5	200	13.8	387.7	400	3.1	204.7	200	2.3	409.3	400	2.3
Average Difference	15	2	0			8.3			9.0			5.2			10.8			6.5

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

Form7
Continuing Calibration

Method: EPA 608

Data File:				5G20750.D			6G12555.D			6G12578.D									
Method:				608			608			608									
Calibration Name:				CAL PEST@100PP			CAL PEST@200PP			CAL PEST@200PP									
Calibration Date/Time				02/25/09 09:11			02/18/09 08:09			02/19/09 00:31									
					Conc			Conc			Conc			Conc			Conc		
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	98.36	100	1.6	170.3	200	14.8	198.1	200	1.0						
alpha-BHC	15	1	0	95.31	100	4.7	182.9	200	8.5	211.9	200	5.9						
gamma-BHC	15	1	0	95.66	100	4.3	187.0	200	6.5	223.3	200	11.7						
beta-BHC	15	1	0	89.04	100	11.0	183.3	200	8.4	218.3	200	9.2						
Heptachlor	15	1	0	94.33	100	5.7	184.1	200	7.9	208.3	200	4.1						
delta-BHC	15	1	0	90.57	100	9.4	186.5	200	6.8	218.4	200	9.2						
Aldrin	15	1	0	96.4	100	3.6	189.4	200	5.3	218	200	9.0						
Heptachlor Epoxide	15	1	0	93.3	100	6.7	177.9	200	11.0	204.9	200	2.4						
y-chlordane	15	1	0	92.49	100	7.5	182.6	200	8.7	216.3	200	8.2						
a-chlordane	15	1	0	91.49	100	8.5	173.9	200	13.0	207.3	200	3.7						
Endosulfan I	15	1	0	98.63	100	1.4	195	200	2.5	222.5	200	11.2						
p,p'-DDE	15	1	0	92.92	100	7.1	190.9	200	4.6	229.5	200	14.8						
Dieldrin	15	1	0	93.93	100	6.1	188.4	200	5.8	222.4	200	11.2						
Endrin	15	1	0	93.35	100	6.7	178.2	200	10.9	223.9	200	12.0						
p,p'-DDD	15	1	0	90.49	100	9.5	194.5	200	2.8	225.0	200	12.5						
Endosulfan II	15	1	0	91.7	100	8.3	181.9	200	9.0	215.0	200	7.5						
p,p'-DDT	15	1	0	92.9	100	7.1	187.6	200	6.2	219.1	200	9.5						
Endrin Aldehyde	15	1	0	89.06	100	10.9	176	200	12.0	212.6	200	6.3						
Endosulfan Sulfate	15	1	0	88.31	100	11.7	189.9	200	5.1	217.1	200	8.6						
Methoxychlor	15	1	0	92.08	100	7.9	208.6	200	4.3	204.4	200	2.2						
Endrin Ketone	15	1	0	86.16	100	13.8	196.8	200	1.6	219.4	200	9.7						
DCB-Surrogate	15	1	0	86.15	100	13.9	193.9	200	3.0	222.6	200	11.3						
TCMX-Surrogate	15	2	0	97.71	100	2.3	193.5	200	3.3	200.1	200	0.1						
alpha-BHC	15	2	0	100.1	100	0.1	208.5	200	4.3	214.0	200	7.0						
gamma-BHC	15	2	0	91.96	100	8.0	221.7	200	10.8	229.1	200	14.6						
beta-BHC	15	2	0	97.7	100	2.3	195	200	2.5	207	200	3.5						
Heptachlor	15	2	0	97.71	100	2.3	214.4	200	7.2	215.4	200	7.7						
delta-BHC	15	2	0	100.2	100	0.2	203	200	1.5	205.4	200	2.7						
Aldrin	15	2	0	98.15	100	1.8	214.0	200	7.0	224.7	200	12.4						
Heptachlor Epoxide	15	2	0	94.96	100	5.0	203.6	200	1.8	212.8	200	6.4						
y-chlordane	15	2	0	93.91	100	6.1	200.8	200	0.4	214.8	200	7.4						
a-chlordane	15	2	0	92.96	100	7.0	195.2	200	2.4	210.4	200	5.2						
Endosulfan I	15	2	0	93.12	100	6.9	210.7	200	5.4	220.0	200	10.0						
p,p'-DDE	15	2	0	94.97	100	5.0	212	200	6.0	220.8	200	10.4						
Dieldrin	15	2	0	94.59	100	5.4	216.3	200	8.2	224.9	200	12.5						
Endrin	15	2	0	93.34	100	6.7	228.2	200	14.1	219.6	200	9.8						
p,p'-DDD	15	2	0	90.42	100	9.6	212.9	200	6.4	218.7	200	9.4						
Endosulfan II	15	2	0	89.98	100	10.0	206.4	200	3.2	216.3	200	8.1						
p,p'-DDT	15	2	0	97.07	100	2.9	212.2	200	6.1	218.1	200	9.1						
Endrin Aldehyde	15	2	0	94.63	100	5.4	197.6	200	1.2	214	200	7.0						
Endosulfan Sulfate	15	2	0	88.04	100	12.0	210.8	200	5.4	223.9	200	11.9						
Methoxychlor	15	2	0	91.56	100	8.4	215.2	200	7.6	205.3	200	2.7						
Endrin Ketone	15	2	0	86.82	100	13.2	218.8	200	9.4	210.1	200	5.0						
DCB-Surrogate	15	2	0	84.57	100	15.4	202.0	200	1.0	210.3	200	5.2						

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

Form7
RtWindow Summary

Method: EPA 608

			Data File:	5G20482.D		6G12342.D		5G20750.D		6G12555.D		6G12578.D	
			Calibration Name:	CAL PEST@2PPB		CAL PEST@2PPB		CAL PEST@100PPB		CAL PEST@200PPB		CAL PEST@200PPB	
			Calibration Date/Time	2/13/2009 3:57:00 PM		2/10/2009 1:02:00 AM		2/25/2009 9:11:00 AM		2/18/2009 8:09:00 AM		2/19/2009 12:31:00 AM	
Compound	Col	Mr		Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0		6.11	(6.05 - 6.17)	3.69	(3.63 - 3.75)	6.10	(6.04 - 6.16)	3.70	(3.64 - 3.76)	3.70	(3.64 - 3.76)
alpha-BHC	1	0		7.32	(7.28 - 7.36)	4.68	(4.64 - 4.72)	7.31	(7.27 - 7.35)	4.69	(4.64 - 4.72)	4.69	(4.65 - 4.73)
gamma-BHC	1	0		7.84	(7.80 - 7.88)	5.16	(5.12 - 5.20)	7.83	(7.79 - 7.87)	5.16	(5.12 - 5.20)	5.16	(5.12 - 5.20)
beta-BHC	1	0		8.69	(8.61 - 8.77)	5.99	(5.91 - 6.07)	8.69	(8.61 - 8.77)	5.99	(5.91 - 6.07)	5.99	(5.91 - 6.07)
Heptachlor	1	0		8.15	(8.11 - 8.19)	5.42	(5.38 - 5.46)	8.14	(8.10 - 8.18)	5.42	(5.38 - 5.46)	5.43	(5.39 - 5.47)
delta-BHC	1	0		9.02	(8.94 - 9.10)	6.32	(6.24 - 6.40)	9.01	(8.93 - 9.09)	6.32	(6.24 - 6.40)	6.32	(6.24 - 6.40)
Aldrin	1	0		8.51	(8.43 - 8.59)	5.77	(5.69 - 5.85)	8.51	(8.43 - 8.59)	5.77	(5.69 - 5.85)	5.78	(5.70 - 5.86)
Heptachlor Epoxide	1	0		9.30	(9.26 - 9.34)	6.57	(6.53 - 6.61)	9.29	(9.25 - 9.33)	6.57	(6.53 - 6.61)	6.57	(6.53 - 6.61)
y-chlordane	1	0		9.68	(9.64 - 9.72)	6.96	(6.92 - 7.00)	9.67	(9.63 - 9.71)	6.96	(6.92 - 7.00)	6.96	(6.92 - 7.00)
a-chlordane	1	0		9.75	(9.71 - 9.79)	7.03	(6.99 - 7.07)	9.74	(9.70 - 9.78)	7.03	(6.99 - 7.07)	7.03	(6.99 - 7.07)
Endosulfan I	1	0		9.65	(9.61 - 9.69)	6.92	(6.88 - 6.96)	9.64	(9.60 - 9.68)	6.92	(6.88 - 6.96)	6.93	(6.89 - 6.97)
p,p'-DDE	1	0		9.84	(9.76 - 9.92)	7.11	(7.03 - 7.19)	9.84	(9.76 - 9.92)	7.11	(7.03 - 7.19)	7.12	(7.04 - 7.20)
Dieldrin	1	0		10.06	(9.98 - 10.14)	7.36	(7.28 - 7.44)	10.06	(9.98 - 10.14)	7.36	(7.28 - 7.44)	7.36	(7.28 - 7.44)
Endrin	1	0		10.31	(10.27 - 10.35)	7.62	(7.58 - 7.66)	10.30	(10.26 - 10.34)	7.62	(7.58 - 7.66)	7.62	(7.58 - 7.66)
p,p'-DDD	1	0		10.72	(10.64 - 10.80)	8.06	(7.98 - 8.14)	10.71	(10.63 - 10.79)	8.06	(7.98 - 8.14)	8.06	(7.98 - 8.14)
Endosulfan II	1	0		10.83	(10.75 - 10.91)	8.18	(8.10 - 8.26)	10.82	(10.74 - 10.90)	8.18	(8.10 - 8.26)	8.18	(8.10 - 8.26)
p,p'-DDT	1	0		10.93	(10.85 - 11.01)	8.27	(8.19 - 8.35)	10.92	(10.84 - 11.00)	8.27	(8.19 - 8.35)	8.27	(8.19 - 8.35)
Endrin Aldehyde	1	0		11.27	(11.19 - 11.35)	8.67	(8.59 - 8.75)	11.26	(11.18 - 11.34)	8.67	(8.59 - 8.75)	8.68	(8.60 - 8.76)
Endosulfan Sulfate	1	0		11.61	(11.57 - 11.65)	9.04	(9.00 - 9.08)	11.60	(11.56 - 11.64)	9.04	(9.00 - 9.08)	9.04	(9.00 - 9.08)
Methoxychlor	1	0		11.58	(11.54 - 11.62)	8.97	(8.93 - 9.01)	11.57	(11.53 - 11.61)	8.97	(8.93 - 9.01)	8.97	(8.93 - 9.01)
Endrin Ketone	1	0		12.10	(12.02 - 12.18)	9.55	(9.47 - 9.63)	12.09	(12.01 - 12.17)	9.55	(9.47 - 9.63)	9.56	(9.48 - 9.64)
DCB-Surrogate	1	0		13.03	(12.97 - 13.09)	10.51	(10.45 - 10.57)	13.02	(12.96 - 13.08)	10.51	(10.45 - 10.57)	10.52	(10.46 - 10.58)
Chlordane	1	1		8.15	(8.11 - 8.19)	5.24	(5.20 - 5.28)						
Chlordane	1	2		9.68	(9.64 - 9.72)	6.96	(6.92 - 7.00)						
Chlordane	1	3		9.75	(9.71 - 9.79)	7.03	(6.99 - 7.07)						
Toxaphene	1	1		10.81	(10.77 - 10.85)	7.18	(7.14 - 7.22)						
Toxaphene	1	2		10.99	(10.95 - 11.03)	7.87	(7.83 - 7.91)						
Toxaphene	1	3		11.17	(11.13 - 11.21)	8.09	(8.05 - 8.13)						
Toxaphene	1	4		11.60	(11.56 - 11.64)	8.53	(8.49 - 8.57)						
Toxaphene	1	5		11.67	(11.63 - 11.71)	9.07	(9.03 - 9.11)						
TCMX-Surrogate	2	0		6.13	(6.07 - 6.19)	3.73	(3.67 - 3.79)	6.13	(6.07 - 6.19)	3.73	(3.67 - 3.79)	3.74	(3.67 - 3.79)
alpha-BHC	2	0		7.14	(7.10 - 7.18)	4.49	(4.45 - 4.53)	7.13	(7.09 - 7.17)	4.49	(4.45 - 4.53)	4.49	(4.45 - 4.53)
gamma-BHC	2	0		7.68	(7.64 - 7.72)	4.96	(4.92 - 5.00)	7.67	(7.63 - 7.71)	4.96	(4.92 - 5.00)	4.96	(4.92 - 5.00)
beta-BHC	2	0		7.77	(7.69 - 7.85)	5.02	(4.94 - 5.10)	7.77	(7.69 - 7.85)	5.02	(4.94 - 5.10)	5.02	(4.94 - 5.10)
Heptachlor	2	0		8.11	(8.07 - 8.15)	5.37	(5.33 - 5.41)	8.11	(8.06 - 8.14)	5.36	(5.32 - 5.40)	5.37	(5.33 - 5.41)
delta-BHC	2	0		8.26	(8.18 - 8.34)	5.48	(5.40 - 5.56)	8.25	(8.17 - 8.33)	5.48	(5.40 - 5.56)	5.48	(5.40 - 5.56)
Aldrin	2	0		8.54	(8.46 - 8.62)	5.78	(5.70 - 5.86)	8.54	(8.46 - 8.62)	5.78	(5.70 - 5.86)	5.78	(5.70 - 5.86)
Heptachlor Epoxide	2	0		9.25	(9.21 - 9.29)	6.47	(6.43 - 6.51)	9.24	(9.20 - 9.28)	6.46	(6.42 - 6.50)	6.47	(6.43 - 6.51)
y-chlordane	2	0		9.45	(9.41 - 9.49)	6.67	(6.63 - 6.71)	9.44	(9.40 - 9.48)	6.66	(6.62 - 6.70)	6.67	(6.63 - 6.71)
a-chlordane	2	0		9.64	(9.60 - 9.68)	6.86	(6.82 - 6.90)	9.64	(9.60 - 9.68)	6.86	(6.82 - 6.90)	6.86	(6.82 - 6.90)
Endosulfan I	2	0		9.69	(9.65 - 9.73)	6.91	(6.87 - 6.95)	9.68	(9.64 - 9.72)	6.91	(6.87 - 6.95)	6.91	(6.87 - 6.95)
p,p'-DDE	2	0		9.93	(9.85 - 10.01)	7.15	(7.07 - 7.23)	9.93	(9.85 - 10.01)	7.14	(7.06 - 7.22)	7.15	(7.07 - 7.23)
Dieldrin	2	0		10.06	(9.98 - 10.14)	7.29	(7.21 - 7.37)	10.05	(9.97 - 10.13)	7.29	(7.21 - 7.37)	7.29	(7.21 - 7.37)
Endrin	2	0		10.51	(10.47 - 10.55)	7.76	(7.72 - 7.80)	10.50	(10.46 - 10.54)	7.75	(7.71 - 7.79)	7.76	(7.72 - 7.80)
p,p'-DDD	2	0		10.60	(10.52 - 10.68)	7.84	(7.76 - 7.92)	10.59	(10.51 - 10.67)	7.84	(7.76 - 7.92)	7.84	(7.76 - 7.92)
Endosulfan II	2	0		10.72	(10.64 - 10.80)	7.97	(7.89 - 8.05)	10.71	(10.63 - 10.79)	7.97	(7.89 - 8.05)	7.97	(7.89 - 8.05)
p,p'-DDT	2	0		10.95	(10.87 - 11.03)	8.22	(8.14 - 8.30)	10.95	(10.87 - 11.03)	8.21	(8.13 - 8.29)	8.22	(8.14 - 8.30)
Endrin Aldehyde	2	0		11.10	(11.02 - 11.18)	8.37	(8.29 - 8.45)	11.09	(11.01 - 11.17)	8.37	(8.29 - 8.45)	8.37	(8.29 - 8.45)
Endosulfan Sulfate	2	0		11.24	(11.20 - 11.28)	8.52	(8.48 - 8.56)	11.23	(11.19 - 11.27)	8.52	(8.48 - 8.56)	8.52	(8.48 - 8.56)
Methoxychlor	2	0		11.95	(11.91 - 11.99)	9.28	(9.24 - 9.32)	11.94	(11.90 - 11.98)	9.27	(9.23 - 9.31)	9.28	(9.24 - 9.32)
Endrin Ketone	2	0		12.16	(12.08 - 12.24)	9.49	(9.41 - 9.57)	12.15	(12.07 - 12.23)	9.49	(9.41 - 9.57)	9.50	(9.42 - 9.58)
DCB-Surrogate	2	0		13.57	(13.51 - 13.63)	11.03	(10.97 - 11.09)	13.56	(13.50 - 13.62)	11.02	(10.96 - 11.08)	11.03	(10.97 - 11.09)
Chlordane	2	1		8.11	(8.07 - 8.15)	5.17	(5.13 - 5.21)						
Chlordane	2	2		9.45	(9.41 - 9.49)	6.67	(6.63 - 6.71)						
Chlordane	2	3		9.64	(9.60 - 9.68)	6.86	(6.82 - 6.90)						
Toxaphene	2	1		10.53	(10.49 - 10.57)	7.12	(7.08 - 7.16)						
Toxaphene	2	2		10.75	(10.71 - 10.79)	8.01	(7.97 - 8.05)						
Toxaphene	2	3		10.99	(10.95 - 11.03)	8.31	(8.27 - 8.35)						
Toxaphene	2	4		11.70	(11.66 - 11.74)	9.01	(8.97 - 9.05)						
Toxaphene	2	5		11.77	(11.73 - 11.81)	9.08	(9.04 - 9.12)						

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-18-09\
Data File : 6G12555.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Feb 2009 8:09
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 18 08:27:33 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Wed Feb 18 08:26:13 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.696	3.734	2951846	2303871	170.341	193.480
2)alpha-BHC	4.685	4.488	4710724	3790734	182.916	208.530
3)gamma-BHC	5.155	4.956	4238036	3372048	187.021	221.661
4)beta-BHC	5.987	5.020	2092163	1862845	183.246	194.971
5)Heptachlor	5.425	5.365	4161330	3362956	184.130	214.412
6)delta-BHC	6.317	5.479	4030350	3389965	186.465	202.986
7)Aldrin	5.773	5.783	4144494	3316727	189.349	214.037
8)Heptachlor Epoxid	6.571	6.463	3523668	2997461	177.929	203.626
9)y-chlordane	6.958	6.665	4409365	3100458	182.621	200.758
10)a-chlordane	7.025	6.862	3974441	2744736	173.928	195.229
11)Endosulfan I	6.923	6.912	2734416	3227438	194.954	210.707
12)p,p'-DDE	7.112	7.145	3603641	2967714	190.902	212.004m
13)Dieldrin	7.360	7.291	3640901	2983765	188.353	216.300m
14)Endrin	7.617	7.755	3018897	2706188	178.242	228.164 #
15)p,p'-DDD	8.058	7.837	2740733	2189988	194.463	212.890
16)Endosulfan II	8.179	7.970	3187002	2646581	181.906	206.379
17)p,p'-DDT	8.268	8.214	2581984	2333799	187.565	212.185
18)Endrin Aldehyde	8.670	8.369	2228926	1834823	175.990	197.618
19)Endosulfan Sulfat	9.039	8.520	2893839	2227646	189.856	210.769
20)Methoxychlor	8.966	9.270	1605253	1293405	208.613	215.244m
21)Endrin Ketone	9.551	9.492	3229385	2665441	196.832	218.821
22)DCB-Surrogate	10.514	11.024	2783363	2795334	193.905	202.038

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

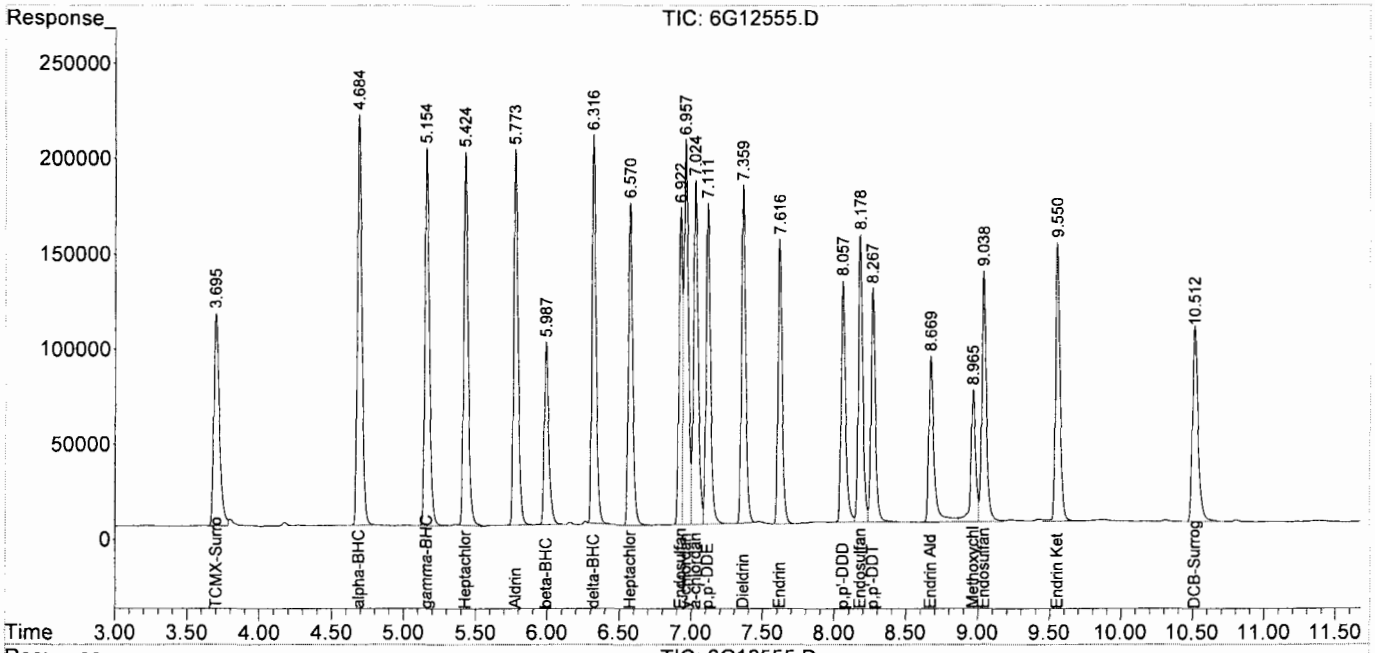
9P

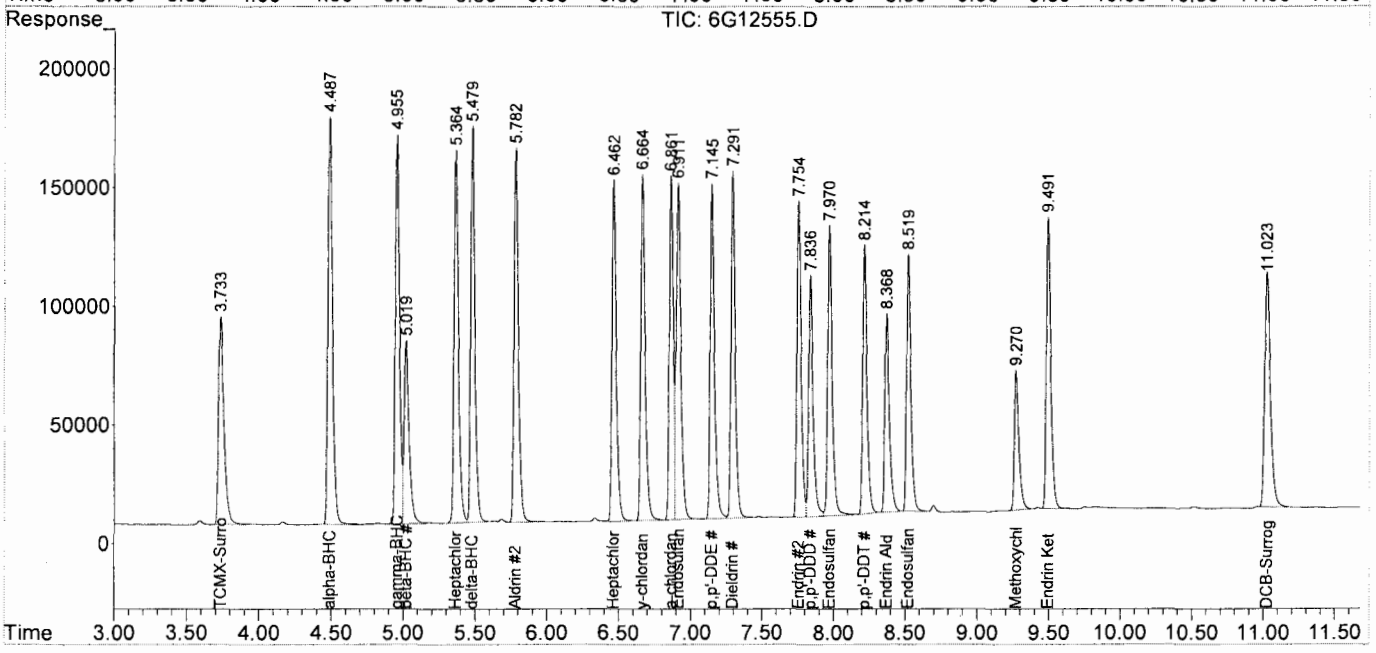
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-18-09\
Data File : 6G12555.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Feb 2009 8:09
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 18 08:27:33 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Wed Feb 18 08:26:13 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12578.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 00:31
Operator : JP
Sample : CAL PEST@200PPB
Misc : A,PEST:0.25
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 07:25:06 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.697	3.735	3432699	2382714	198.090	200.101
2)alpha-BHC	4.687	4.489	5455911	3896135	211.851	214.034
3)gamma-BHC	5.158	4.957	5060622	3485381	223.321	229.111
4)beta-BHC	5.990	5.021	2492350	1977585	218.297	206.979
5)Heptachlor	5.428	5.366	4707175	3377801	208.282	215.359
6)delta-BHC	6.320	5.481	4720913	3430600	218.414	205.419
7)Aldrin	5.776	5.784	4771202	3482510	217.981	224.735
8)Heptachlor Epoxid	6.575	6.465	4300950	3131810	204.878	212.753
9)y-chlordane	6.962	6.667	5223199	3317883	216.327	214.836
10)a-chlordane	7.029	6.864	4737393	2957846	207.316	210.387
11)Endosulfan I	6.927	6.914	3120699	3370415	222.494	220.041
12)p,p'-DDE	7.116	7.148	4332490	3090609	229.513	220.783
13)Dieldrin	7.363	7.295	4298289	3102722	222.362	224.923
14)Endrin	7.621	7.756	3792843	2605064	223.937	219.638
15)p,p'-DDD	8.063	7.840	3171502	2255098	225.027	218.737
16)Endosulfan II	8.183	7.973	3767135	2773713	215.019	216.293
17)p,p'-DDT	8.273	8.218	3056475	2404343	219.064	218.137
18)Endrin Aldehyde	8.675	8.373	2692231	1986883	212.571	213.995
19)Endosulfan Sulfat	9.044	8.523	3309097	2366041	217.099	223.863
20)Methoxychlor	8.975	9.277	1573041	1233660	204.427	205.301
21)Endrin Ketone	9.558	9.496	3599388	2559140	219.384	210.094
22)DCB-Surrogate	10.522	11.029	3194777	2909627	222.567	210.299

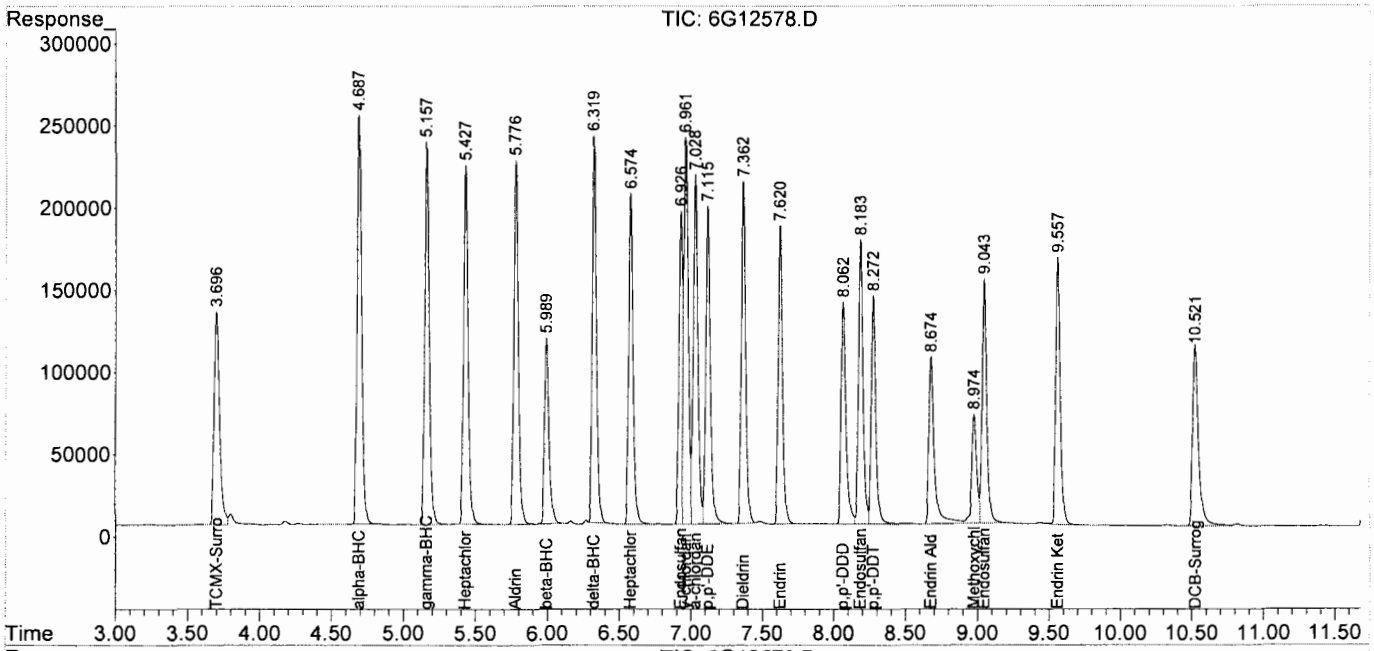
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

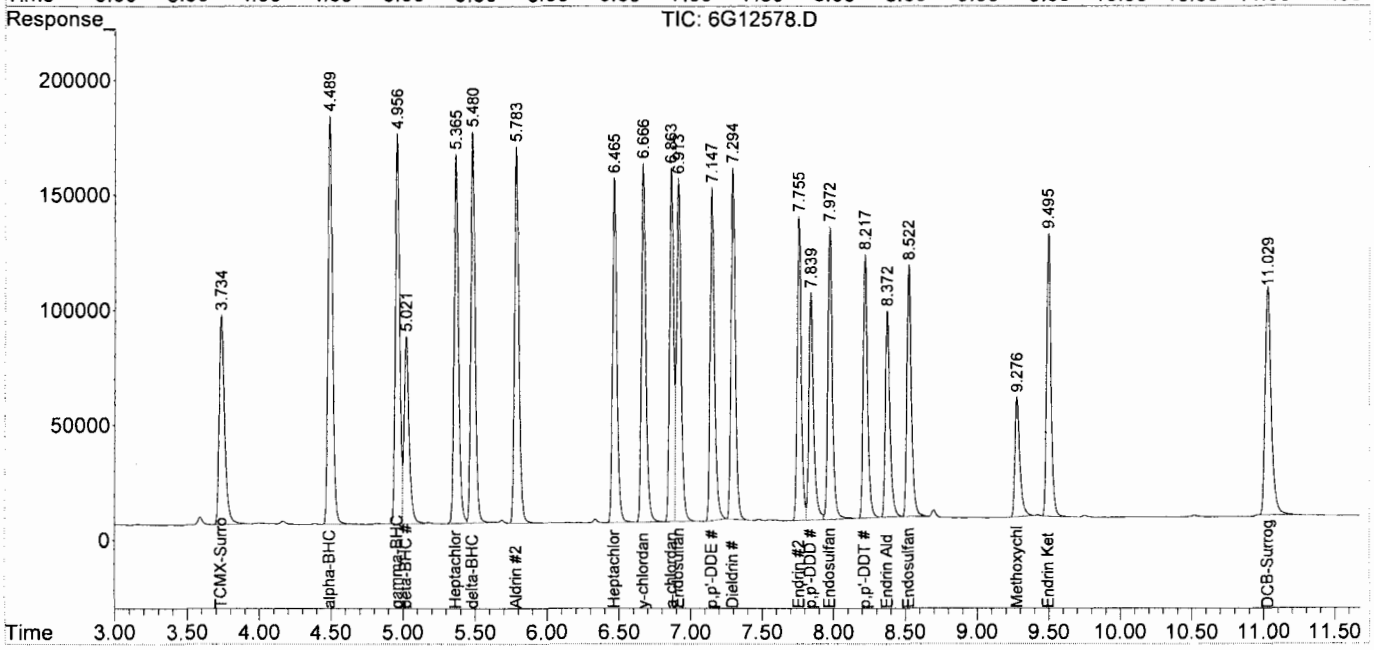
9P

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12578.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 00:31
Operator : JP
Sample : CAL PEST@200PPB
Misc : A,PEST:0.25
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 07:25:06 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20750.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:11
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 09:28:59 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.101	6.126	109.3E6	70200741	98.363	97.714
2)alpha-BHC	7.315	7.134	154.2E6	118.5E6	95.309	100.054
3)gamma-BHC	7.831	7.673	153.6E6	94753423	95.655	91.957
4)beta-BHC	8.687	7.767	64049144	46298785	89.043	97.702
5)Heptachlor	8.145	8.105	132.6E6	84357042	94.327	97.714
6)delta-BHC	9.010	8.253	143.9E6	105.5E6	90.571	100.222
7)Aldrin	8.507	8.538	140.1E6	93066908	96.399	98.146
8)Heptachlor Epoxid	9.293	9.242	119.6E6	79775868	93.298	94.965
9)y-chlordane	9.674	9.442	125.2E6	80891968	92.489m	93.910
10)a-chlordane	9.739	9.638	119.1E6	76862733	91.494m	92.963
11)Endosulfan I	9.639	9.682	116.1E6	73137853	98.630m	93.117
12)p,p'-DDE	9.836	9.925	120.8E6	78210783	92.917	94.970
13)Dieldrin	10.056	10.054	124.2E6	81935667	93.934	94.588
14)Endrin	10.304	10.500	107.1E6	66834018	93.345	93.342
15)p,p'-DDD	10.713	10.589	93872906	61665995	90.489	90.424
16)Endosulfan II	10.820	10.710	97300733	68677781	91.696	89.985
17)p,p'-DDT	10.922	10.946	79480045	53894770	92.897	97.071
18)Endrin Aldehyde	11.262	11.091	63976115	46006270	89.057	94.633
19)Endosulfan Sulfat	11.602	11.234	85756851	58317804	88.311m	88.043
20)Methoxychlor	11.567	11.941	37321322	23671029	92.084m	91.556
21)Endrin Ketone	12.087	12.152	90598623	64656939	86.164	86.823
22)DCB-Surrogate	13.025	13.563	84838963	50513348	86.149	84.565m

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

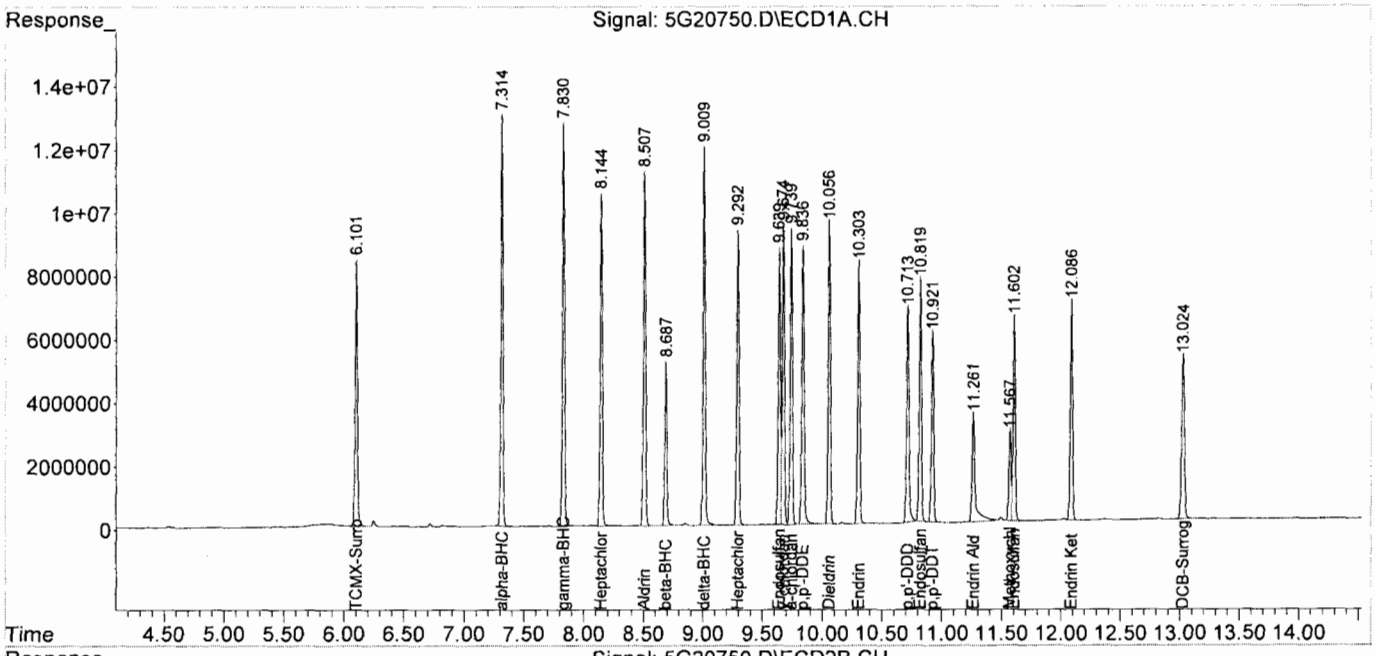
gp

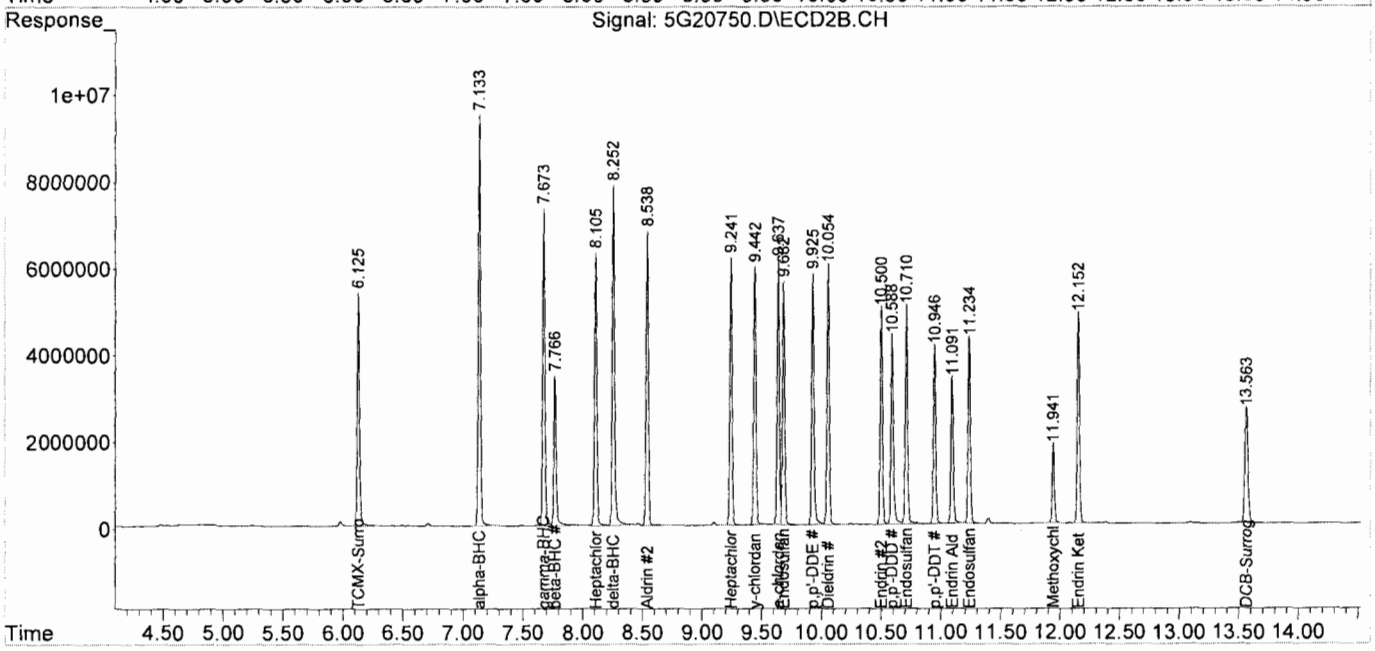
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20750.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:11
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 09:28:59 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Form7
Continuing Calibration

Method: EPA 8081A

Data File:				6G12795.D			6G12799.D										
Method:				8081			8081										
Calibration Name:				CAL PEST@100PP			CAL PEST@400PP										
Calibration Date/Time				02/26/09 13:55			02/26/09 15:28										
				Conc			Conc			Conc			Conc			Conc		
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	107.4	100	7.4	408.6	400	2.1									
alpha-BHC	15	1	0	101.3	100	1.3	451.7	400	12.9									
gamma-BHC	15	1	0	107.0	100	7.0	469.2	400	17.3*									
beta-BHC	15	1	0	108.1	100	8.1	446.1	400	11.5									
Heptachlor	15	1	0	102.2	100	2.2	414.9	400	3.7									
delta-BHC	15	1	0	111.4	100	11.4	476.9	400	19.2*									
Aldrin	15	1	0	109.7	100	9.7	448.7	400	12.2									
Heptachlor Epoxide	15	1	0	102.2	100	2.2	416.1	400	4.0									
y-chlordane	15	1	0	105.8	100	5.8	440.6	400	10.1									
a-chlordane	15	1	0	100.8	100	0.8	426.9	400	6.7									
Endosulfan I	15	1	0	115.4	100	15.4	427.6	400	6.9									
p,p'-DDE	15	1	0	105.4	100	5.4	480.3	400	20.1*									
Dieldrin	15	1	0	109	100	9.0	456.6	400	14.1									
Endrin	15	1	0	93.01	100	7.0	437.3	400	9.3									
p,p'-DDD	15	1	0	114.6	100	14.6	487.7	400	21.9*									
Endosulfan II	15	1	0	107.3	100	7.3	440.9	400	10.2									
p,p'-DDT	15	1	0	105.7	100	5.7	428.9	400	7.2									
Endrin Aldehyde	15	1	0	91.85	100	8.2	455.4	400	13.8									
Endosulfan Sulfate	15	1	0	107.4	100	7.4	466.7	400	16.7*									
Methoxychlor	15	1	0	102.1	100	2.1	441.9	400	10.5									
Endrin Ketone	15	1	0	114.4	100	14.4	460.5	400	15.1									
DCB-Surrogate	15	1	0	118	100	18.0*	431.6	400	7.9									
Average Difference	15	1	0			7.7			11.5									
TCMX-Surrogate	15	2	0	107.3	100	7.3	414.4	400	3.6									
alpha-BHC	15	2	0	108.3	100	8.3	447.8	400	11.9									
gamma-BHC	15	2	0	116.9	100	16.9*	489.1	400	22.3*									
beta-BHC	15	2	0	105.7	100	5.7	445.1	400	11.3									
Heptachlor	15	2	0	113.6	100	13.6	454.3	400	13.6									
delta-BHC	15	2	0	109.5	100	9.5	469.6	400	17.4*									
Aldrin	15	2	0	113.8	100	13.8	473	400	18.2*									
Heptachlor Epoxide	15	2	0	109.0	100	9.0	439.9	400	10.0									
y-chlordane	15	2	0	106.9	100	6.9	446.5	400	11.6									
a-chlordane	15	2	0	108.4	100	8.4	421.5	400	5.4									
Endosulfan I	15	2	0	109.4	100	9.4	461.3	400	15.3									
p,p'-DDE	15	2	0	111.2	100	11.2	465.5	400	16.4*									
Dieldrin	15	2	0	110.9	100	10.9	472.7	400	18.2*									
Endrin	15	2	0	105.7	100	5.7	446	400	11.5									
p,p'-DDD	15	2	0	115.1	100	15.1	443	400	10.7									
Endosulfan II	15	2	0	109.2	100	9.2	449.2	400	12.3									
p,p'-DDT	15	2	0	107.6	100	7.6	433.4	400	8.4									
Endrin Aldehyde	15	2	0	105.5	100	5.5	452.5	400	13.1									
Endosulfan Sulfate	15	2	0	113.4	100	13.4	471.9	400	18.0*									
Methoxychlor	15	2	0	109.3	100	9.3	442.1	400	10.5									
Endrin Ketone	15	2	0	120.9	100	20.9*	486.9	400	21.7*									
DCB-Surrogate	15	2	0	125.8	100	25.8*	422.9	400	5.7									
Average Difference	15	2	0			11.1			13.1									

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

Form7
RtWindow Summary

Method: EPA 8081A

Compound	Col	Mr	5G20482.D CAL PEST@2PPB 2/13/2009 3:57:00 PM Cal RT	Limit	6G12342.D CAL PEST@2PPB 2/10/2009 1:02:00 AM Cal RT	Limit	5G20760.D CAL PEST@200PPB 2/25/2009 12:59:00 PM Cal RT	Limit	6G12739.D CAL PEST@400PPB 2/25/2009 12:31:00 AM Cal RT	Limit	6G12773.D CAL PEST@400PPB 2/26/2009 4:31:00 AM Cal RT	Limit
TCMX-Surrogate	1	0	6.11	(6.05 - 6.17)	3.69	(3.63 - 3.75)	6.11	(6.05 - 6.17)	3.69	(3.63 - 3.75)	3.69	(3.63 - 3.75)
alpha-BHC	1	0	7.32	(7.28 - 7.36)	4.68	(4.64 - 4.72)	7.32	(7.28 - 7.36)	4.68	(4.64 - 4.72)	4.68	(4.64 - 4.72)
gamma-BHC	1	0	7.84	(7.80 - 7.88)	5.16	(5.12 - 5.20)	7.84	(7.80 - 7.88)	5.15	(5.11 - 5.19)	5.15	(5.11 - 5.19)
beta-BHC	1	0	8.69	(8.61 - 8.77)	5.99	(5.91 - 6.07)	8.69	(8.61 - 8.77)	5.98	(5.90 - 6.06)	5.98	(5.90 - 6.06)
Heptachlor	1	0	8.15	(8.11 - 8.19)	5.42	(5.38 - 5.46)	8.15	(8.11 - 8.19)	5.42	(5.38 - 5.46)	5.42	(5.38 - 5.46)
delta-BHC	1	0	9.02	(8.94 - 9.10)	6.32	(6.24 - 6.40)	9.01	(8.93 - 9.09)	6.31	(6.23 - 6.39)	6.31	(6.23 - 6.39)
Aldrin	1	0	8.51	(8.43 - 8.59)	5.77	(5.69 - 5.85)	8.51	(8.43 - 8.59)	5.77	(5.69 - 5.85)	5.77	(5.68 - 5.84)
Heptachlor Epoxide	1	0	9.30	(9.26 - 9.34)	6.57	(6.53 - 6.61)	9.30	(9.26 - 9.34)	6.56	(6.52 - 6.60)	6.56	(6.52 - 6.60)
v-chlordane	1	0	9.68	(9.64 - 9.72)	6.96	(6.92 - 7.00)	9.68	(9.64 - 9.72)	6.95	(6.91 - 6.99)	6.95	(6.91 - 6.99)
a-chlordane	1	0	9.75	(9.71 - 9.79)	7.03	(6.99 - 7.07)	9.74	(9.70 - 9.78)	7.02	(6.98 - 7.06)	7.02	(6.98 - 7.06)
Endosulfan I	1	0	9.65	(9.61 - 9.69)	6.92	(6.88 - 6.96)	9.64	(9.60 - 9.68)	6.92	(6.88 - 6.96)	6.91	(6.87 - 6.95)
p,p'-DDE	1	0	9.84	(9.76 - 9.92)	7.11	(7.03 - 7.19)	9.84	(9.76 - 9.92)	7.10	(7.02 - 7.18)	7.10	(7.02 - 7.18)
Dieldrin	1	0	10.06	(9.98 - 10.14)	7.36	(7.28 - 7.44)	10.06	(9.98 - 10.14)	7.35	(7.27 - 7.43)	7.35	(7.27 - 7.43)
Endrin	1	0	10.31	(10.27 - 10.35)	7.62	(7.58 - 7.66)	10.31	(10.27 - 10.35)	7.61	(7.57 - 7.65)	7.61	(7.57 - 7.65)
p,p'-DDD	1	0	10.72	(10.64 - 10.80)	8.06	(7.98 - 8.14)	10.72	(10.64 - 10.80)	8.05	(7.97 - 8.13)	8.05	(7.97 - 8.13)
Endosulfan II	1	0	10.83	(10.75 - 10.91)	8.18	(8.10 - 8.26)	10.82	(10.74 - 10.90)	8.17	(8.09 - 8.25)	8.17	(8.09 - 8.25)
p,p'-DDT	1	0	10.93	(10.85 - 11.01)	8.27	(8.19 - 8.35)	10.92	(10.84 - 11.00)	8.26	(8.18 - 8.34)	8.26	(8.18 - 8.34)
Endrin Aldehyde	1	0	11.27	(11.19 - 11.35)	8.67	(8.59 - 8.75)	11.26	(11.18 - 11.34)	8.66	(8.58 - 8.74)	8.66	(8.58 - 8.74)
Endosulfan Sulfate	1	0	11.61	(11.57 - 11.65)	9.04	(9.00 - 9.08)	11.61	(11.57 - 11.65)	9.03	(8.99 - 9.07)	9.03	(8.99 - 9.07)
Methoxychlor	1	0	11.58	(11.54 - 11.62)	8.97	(8.93 - 9.01)	11.57	(11.53 - 11.61)	8.96	(8.92 - 9.00)	8.96	(8.92 - 9.00)
Endrin Ketone	1	0	12.10	(12.02 - 12.18)	9.55	(9.47 - 9.63)	12.09	(12.01 - 12.17)	9.54	(9.46 - 9.62)	9.54	(9.46 - 9.62)
DCB-Surrogate	1	0	13.03	(12.97 - 13.09)	10.51	(10.45 - 10.57)	13.03	(12.97 - 13.09)	10.51	(10.45 - 10.57)	10.50	(10.44 - 10.56)
Chlordane	1	1	8.15	(8.11 - 8.19)	5.24	(5.20 - 5.28)						
Chlordane	1	2	9.68	(9.64 - 9.72)	6.96	(6.92 - 7.00)						
Chlordane	1	3	9.75	(9.71 - 9.79)	7.03	(6.99 - 7.07)						
Toxaphene	1	1	10.81	(10.77 - 10.85)	7.18	(7.14 - 7.22)						
Toxaphene	1	2	10.99	(10.95 - 11.03)	7.87	(7.83 - 7.91)						
Toxaphene	1	3	11.17	(11.13 - 11.21)	8.09	(8.05 - 8.13)						
Toxaphene	1	4	11.60	(11.56 - 11.64)	8.53	(8.49 - 8.57)						
Toxaphene	1	5	11.67	(11.63 - 11.71)	9.07	(9.03 - 9.11)						
TCMX-Surrogate	2	0	6.13	(6.07 - 6.19)	3.73	(3.67 - 3.79)	6.12	(6.06 - 6.18)	3.73	(3.67 - 3.79)	3.72	(3.66 - 3.78)
alpha-BHC	2	0	7.14	(7.10 - 7.18)	4.49	(4.45 - 4.53)	7.13	(7.09 - 7.17)	4.48	(4.44 - 4.52)	4.48	(4.44 - 4.52)
gamma-BHC	2	0	7.68	(7.64 - 7.72)	4.96	(4.92 - 5.00)	7.67	(7.63 - 7.71)	4.95	(4.91 - 4.99)	4.95	(4.91 - 4.99)
beta-BHC	2	0	7.77	(7.69 - 7.85)	5.02	(4.94 - 5.10)	7.77	(7.69 - 7.85)	5.01	(4.93 - 5.09)	5.01	(4.93 - 5.09)
Heptachlor	2	0	8.11	(8.07 - 8.15)	5.37	(5.33 - 5.41)	8.10	(8.06 - 8.14)	5.36	(5.32 - 5.40)	5.36	(5.32 - 5.40)
delta-BHC	2	0	8.26	(8.18 - 8.34)	5.48	(5.40 - 5.56)	8.25	(8.17 - 8.33)	5.47	(5.39 - 5.55)	5.47	(5.39 - 5.55)
Aldrin	2	0	8.54	(8.46 - 8.62)	5.78	(5.70 - 5.86)	8.54	(8.46 - 8.62)	5.78	(5.70 - 5.86)	5.77	(5.69 - 5.85)
Heptachlor Epoxide	2	0	9.25	(9.21 - 9.29)	6.47	(6.43 - 6.51)	9.24	(9.20 - 9.28)	6.46	(6.42 - 6.50)	6.46	(6.42 - 6.50)
v-chlordane	2	0	9.45	(9.41 - 9.49)	6.67	(6.63 - 6.71)	9.44	(9.40 - 9.48)	6.66	(6.62 - 6.70)	6.66	(6.62 - 6.70)
a-chlordane	2	0	9.64	(9.60 - 9.68)	6.86	(6.82 - 6.90)	9.64	(9.60 - 9.68)	6.86	(6.82 - 6.90)	6.85	(6.81 - 6.89)
Endosulfan I	2	0	9.69	(9.65 - 9.73)	6.91	(6.87 - 6.95)	9.68	(9.64 - 9.72)	6.91	(6.87 - 6.95)	6.90	(6.86 - 6.94)
p,p'-DDE	2	0	9.93	(9.85 - 10.01)	7.15	(7.07 - 7.23)	9.92	(9.84 - 10.00)	7.14	(7.06 - 7.22)	7.14	(7.06 - 7.22)
Dieldrin	2	0	10.06	(9.98 - 10.14)	7.29	(7.21 - 7.37)	10.05	(9.97 - 10.13)	7.29	(7.21 - 7.37)	7.28	(7.20 - 7.36)
Endrin	2	0	10.51	(10.47 - 10.55)	7.76	(7.72 - 7.80)	10.50	(10.46 - 10.54)	7.75	(7.71 - 7.79)	7.75	(7.71 - 7.79)
p,p'-DDD	2	0	10.60	(10.52 - 10.68)	7.84	(7.76 - 7.92)	10.59	(10.51 - 10.67)	7.83	(7.75 - 7.91)	7.83	(7.75 - 7.91)
Endosulfan II	2	0	10.72	(10.64 - 10.80)	7.97	(7.89 - 8.05)	10.71	(10.63 - 10.79)	7.96	(7.88 - 8.04)	7.96	(7.88 - 8.04)
p,p'-DDT	2	0	10.95	(10.87 - 11.03)	8.22	(8.14 - 8.30)	10.95	(10.87 - 11.03)	8.21	(8.13 - 8.29)	8.21	(8.13 - 8.29)
Endrin Aldehyde	2	0	11.10	(11.02 - 11.18)	8.37	(8.29 - 8.45)	11.09	(11.01 - 11.17)	8.36	(8.28 - 8.44)	8.36	(8.28 - 8.44)
Endosulfan Sulfate	2	0	11.24	(11.20 - 11.28)	8.52	(8.48 - 8.56)	11.23	(11.19 - 11.27)	8.51	(8.47 - 8.55)	8.51	(8.47 - 8.55)
Methoxychlor	2	0	11.95	(11.91 - 11.99)	9.28	(9.24 - 9.32)	11.94	(11.90 - 11.98)	9.27	(9.23 - 9.31)	9.26	(9.22 - 9.30)
Endrin Ketone	2	0	12.16	(12.08 - 12.24)	9.49	(9.41 - 9.57)	12.15	(12.07 - 12.23)	9.49	(9.41 - 9.57)	9.48	(9.40 - 9.56)
DCB-Surrogate	2	0	13.57	(13.51 - 13.63)	11.03	(10.97 - 11.09)	13.56	(13.50 - 13.62)	11.02	(10.96 - 11.08)	11.01	(10.95 - 11.07)
Chlordane	2	1	8.11	(8.07 - 8.15)	5.17	(5.13 - 5.21)						
Chlordane	2	2	9.45	(9.41 - 9.49)	6.67	(6.63 - 6.71)						
Chlordane	2	3	9.64	(9.60 - 9.68)	6.86	(6.82 - 6.90)						
Toxaphene	2	1	10.53	(10.49 - 10.57)	7.12	(7.08 - 7.16)						
Toxaphene	2	2	10.75	(10.71 - 10.79)	8.01	(7.97 - 8.05)						
Toxaphene	2	3	10.99	(10.95 - 11.03)	8.31	(8.27 - 8.35)						
Toxaphene	2	4	11.70	(11.66 - 11.74)	9.01	(8.97 - 9.05)						
Toxaphene	2	5	11.77	(11.73 - 11.81)	9.08	(9.04 - 9.12)						

Data File:
Calibration Name:
Calibration Date/Time

Form7
RtWindow Summary

Method: EPA 8081A

Data File:			6G12795.D								
Calibration Name:			CAL PEST@100PPB								
Calibration Date/Time			2/26/2009 1:55:00 PM								
Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	3.70	(3.64 - 3.76)								
alpha-BHC	1	0	4.68	(4.64 - 4.72)								
gamma-BHC	1	0	5.15	(5.11 - 5.19)								
beta-BHC	1	0	5.98	(5.90 - 6.06)								
Heptachlor	1	0	5.42	(5.38 - 5.46)								
delta-BHC	1	0	6.31	(6.23 - 6.39)								
Aldrin	1	0	5.77	(5.69 - 5.85)								
Heptachlor Epoxide	1	0	6.57	(6.53 - 6.61)								
y-chlordane	1	0	6.96	(6.92 - 7.00)								
a-chlordane	1	0	7.02	(6.98 - 7.06)								
Endosulfan I	1	0	6.92	(6.88 - 6.96)								
p,p'-DDE	1	0	7.11	(7.03 - 7.19)								
Dieldrin	1	0	7.36	(7.28 - 7.44)								
Endrin	1	0	7.61	(7.57 - 7.65)								
o,p'-DDD	1	0	8.05	(7.97 - 8.13)								
Endosulfan II	1	0	8.18	(8.10 - 8.26)								
p,p'-DDT	1	0	8.26	(8.18 - 8.34)								
Endrin Aldehyde	1	0	8.67	(8.59 - 8.75)								
Endosulfan Sulfate	1	0	9.03	(8.99 - 9.07)								
Methoxychlor	1	0	8.96	(8.92 - 9.00)								
Endrin Ketone	1	0	9.55	(9.47 - 9.63)								
DCB-Surrogate	1	0	10.51	(10.45 - 10.57)								
Chlordane	1	1										
Chlordane	1	2										
Chlordane	1	3										
Toxaphene	1	1										
Toxaphene	1	2										
Toxaphene	1	3										
Toxaphene	1	4										
Toxaphene	1	5										
TCMX-Surrogate	2	0	3.73	(3.67 - 3.79)								
alpha-BHC	2	0	4.49	(4.45 - 4.53)								
gamma-BHC	2	0	4.95	(4.91 - 4.99)								
beta-BHC	2	0	5.02	(4.94 - 5.10)								
Heptachlor	2	0	5.36	(5.32 - 5.40)								
delta-BHC	2	0	5.48	(5.40 - 5.56)								
Aldrin	2	0	5.78	(5.70 - 5.86)								
Heptachlor Epoxide	2	0	6.46	(6.42 - 6.50)								
y-chlordane	2	0	6.66	(6.62 - 6.70)								
a-chlordane	2	0	6.86	(6.82 - 6.90)								
Endosulfan I	2	0	6.91	(6.87 - 6.95)								
p,p'-DDE	2	0	7.14	(7.06 - 7.22)								
Dieldrin	2	0	7.29	(7.21 - 7.37)								
Endrin	2	0	7.75	(7.71 - 7.79)								
o,p'-DDD	2	0	7.83	(7.75 - 7.91)								
Endosulfan II	2	0	7.97	(7.89 - 8.05)								
p,p'-DDT	2	0	8.21	(8.13 - 8.29)								
Endrin Aldehyde	2	0	8.37	(8.29 - 8.45)								
Endosulfan Sulfate	2	0	8.52	(8.48 - 8.56)								
Methoxychlor	2	0	9.27	(9.23 - 9.31)								
Endrin Ketone	2	0	9.49	(9.41 - 9.57)								
DCB-Surrogate	2	0	11.02	(10.96 - 11.08)								
Chlordane	2	1										
Chlordane	2	2										
Chlordane	2	3										
Toxaphene	2	1										
Toxaphene	2	2										
Toxaphene	2	3										
Toxaphene	2	4										
Toxaphene	2	5										

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20760.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 12:59
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 13:40:40 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.124	203.8E6	133.8E6	183.381	186.231
2)alpha-BHC	7.318	7.132	312.1E6	232.8E6	192.855	196.567
3)gamma-BHC	7.835	7.672	309.2E6	189.4E6	192.544	183.783
4)beta-BHC	8.691	7.766	128.9E6	89073288	179.233	187.967
5)Heptachlor	8.149	8.104	252.2E6	153.1E6	179.467	177.342
6)delta-BHC	9.013	8.252	291.6E6	205.6E6	183.498	195.359
7)Aldrin	8.511	8.537	272.5E6	176.8E6	187.446	186.480
8)Heptachlor Epoxid	9.297	9.241	233.3E6	151.6E6	181.976	180.480
9)y-chlordane	9.677	9.442	244.5E6	158.6E6	180.650m	184.084
10)a-chlordane	9.743	9.637	238.9E6	152.3E6	183.461m	184.149
11)Endosulfan I	9.643	9.682	222.5E6	140.0E6	189.061m	178.187
12)p,p'-DDE	9.839	9.923	242.8E6	153.8E6	186.809m	186.801
13)Dieldrin	10.060	10.053	245.5E6	158.0E6	185.681	182.370
14)Endrin	10.306	10.499	211.5E6	131.1E6	184.253	183.131
15)p,p'-DDD	10.716	10.588	190.3E6	121.4E6	183.412	178.058
16)Endosulfan II	10.822	10.709	196.7E6	133.9E6	185.400	175.409
17)p,p'-DDT	10.924	10.945	173.0E6	112.0E6	191.393	192.219
18)Endrin Aldehyde	11.263	11.092	139.6E6	90939540	194.269	185.670
19)Endosulfan Sulfat	11.606	11.234	172.9E6	117.2E6	178.036m	176.976
20)Methoxychlor	11.571	11.941	80367899	49116301	189.045m	189.975
21)Endrin Ketone	12.090	12.152	186.7E6	130.5E6	177.532	175.280
22)DCB-Surrogate	13.028	13.563	167.9E6	101.3E6	170.510m	169.508m

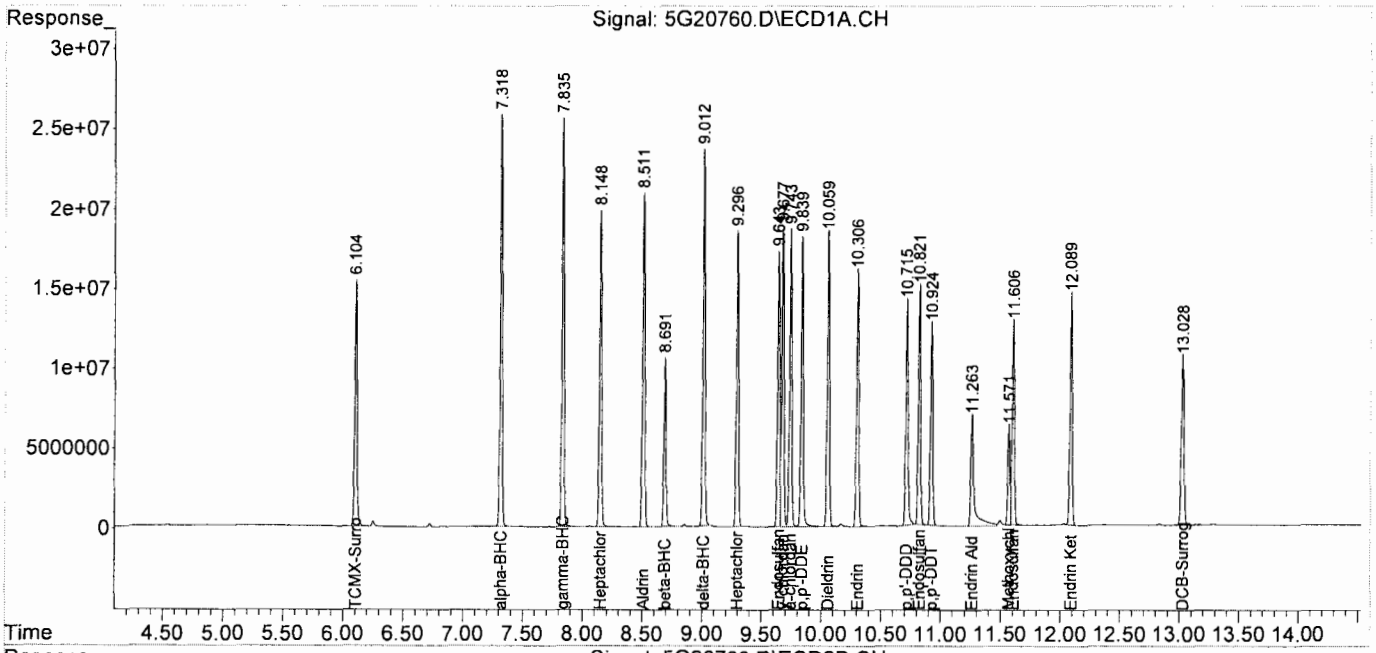
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

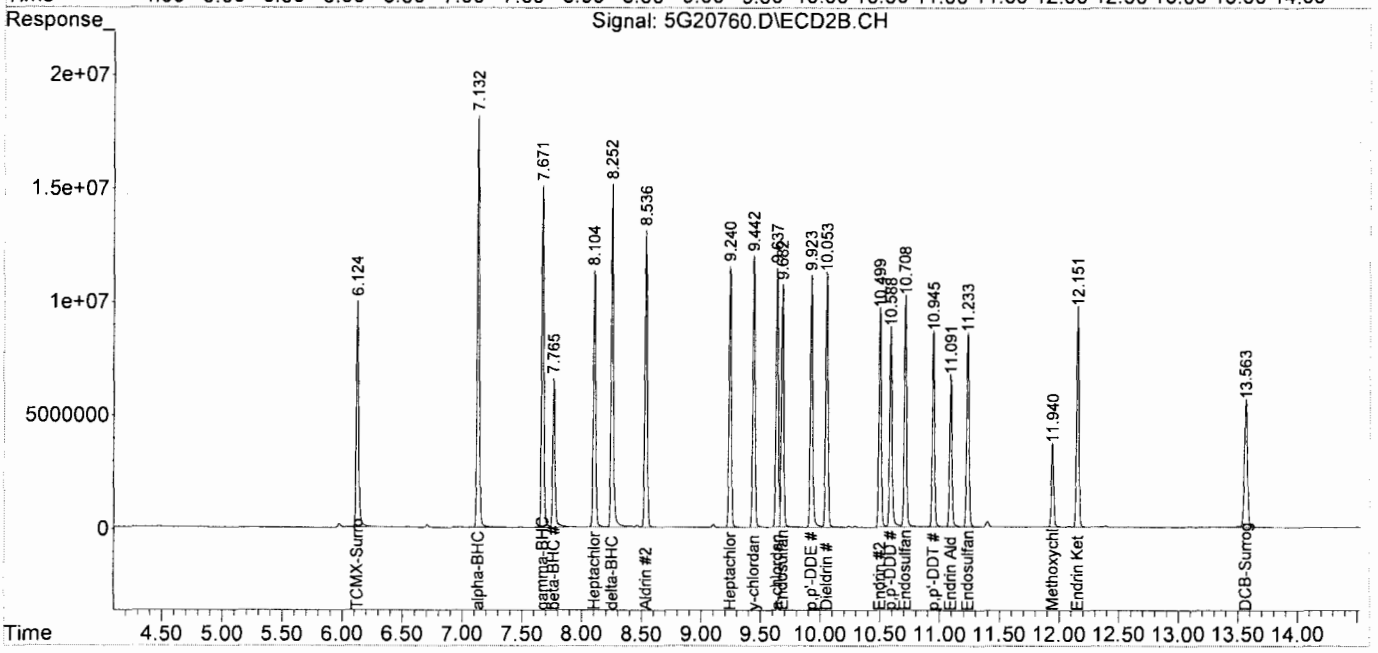
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20760.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 12:59
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 13:40:40 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20765.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 15:13
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 16:04:10 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.101	6.127	204.7E6	136.4E6	184.174	189.798
2)alpha-BHC	7.314	7.134	313.9E6	232.1E6	193.981	195.937
3)gamma-BHC	7.830	7.675	307.5E6	190.2E6	191.518	184.609
4)beta-BHC	8.687	7.768	129.1E6	89254116	179.477	188.349
5)Heptachlor	8.144	8.106	254.2E6	160.3E6	180.869	185.694
6)delta-BHC	9.011	8.254	296.1E6	203.8E6	186.326	193.641
7)Aldrin	8.507	8.539	272.2E6	177.0E6	187.265	186.666
8)Heptachlor Epoxid	9.294	9.242	233.4E6	152.2E6	182.004	181.184
9)y-chlordane	9.674	9.444	245.1E6	159.2E6	181.088m	184.792
10)a-chlordane	9.739	9.639	235.0E6	151.1E6	180.482m	182.775
11)Endosulfan I	9.639	9.683	217.3E6	137.3E6	184.626m	174.798
12)p,p'-DDE	9.836	9.926	236.2E6	139.7E6	181.732	169.609
13)Dieldrin	10.057	10.055	243.5E6	148.8E6	184.114	171.829
14)Endrin	10.303	10.500	212.9E6	129.2E6	185.467	180.422
15)p,p'-DDD	10.713	10.591	188.2E6	119.5E6	181.386	175.257
16)Endosulfan II	10.818	10.710	195.2E6	131.0E6	183.989	171.648
17)p,p'-DDT	10.921	10.947	165.7E6	109.5E6	184.110	188.198
18)Endrin Aldehyde	11.260	11.092	140.3E6	88780861	195.294	181.327
19)Endosulfan Sulfat	11.603	11.235	173.9E6	116.4E6	179.057m	175.800
20)Methoxychlor	11.567	11.942	76411355	49813976	180.476m	192.674
21)Endrin Ketone	12.087	12.153	185.4E6	130.7E6	176.356	175.530
22)DCB-Surrogate	13.025	13.564	168.5E6	103.0E6	171.138	172.454m

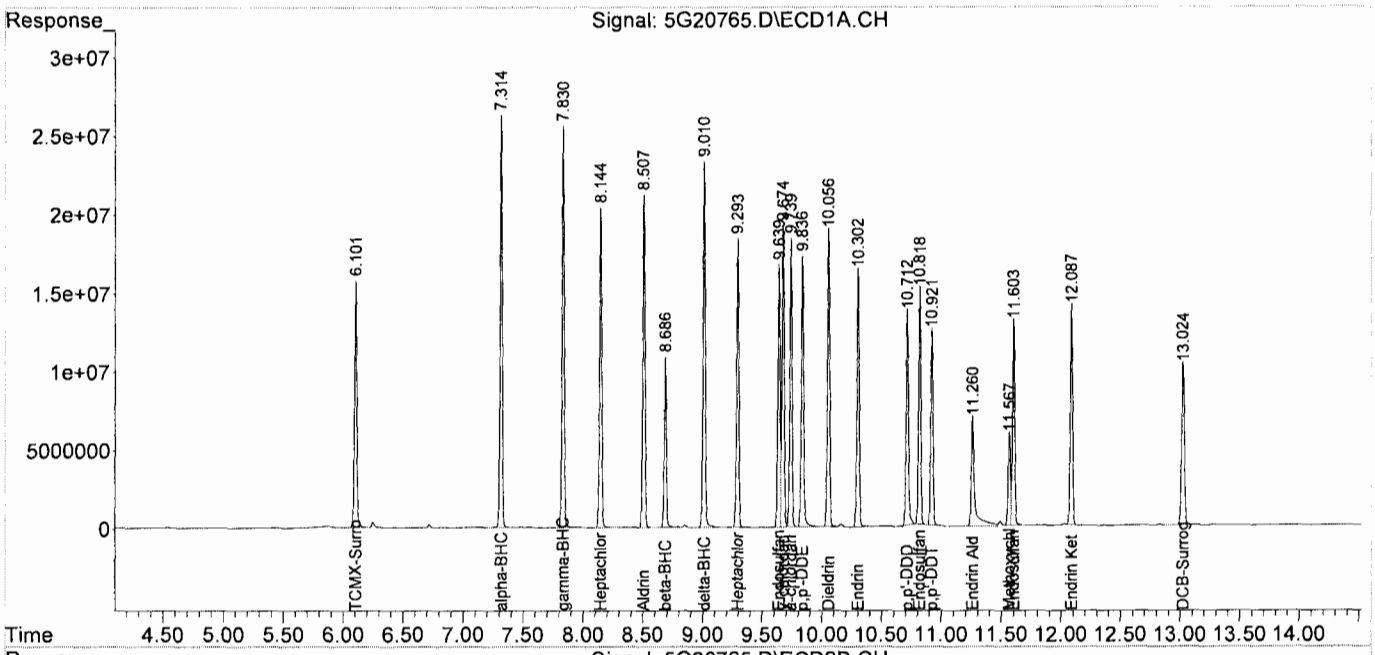
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

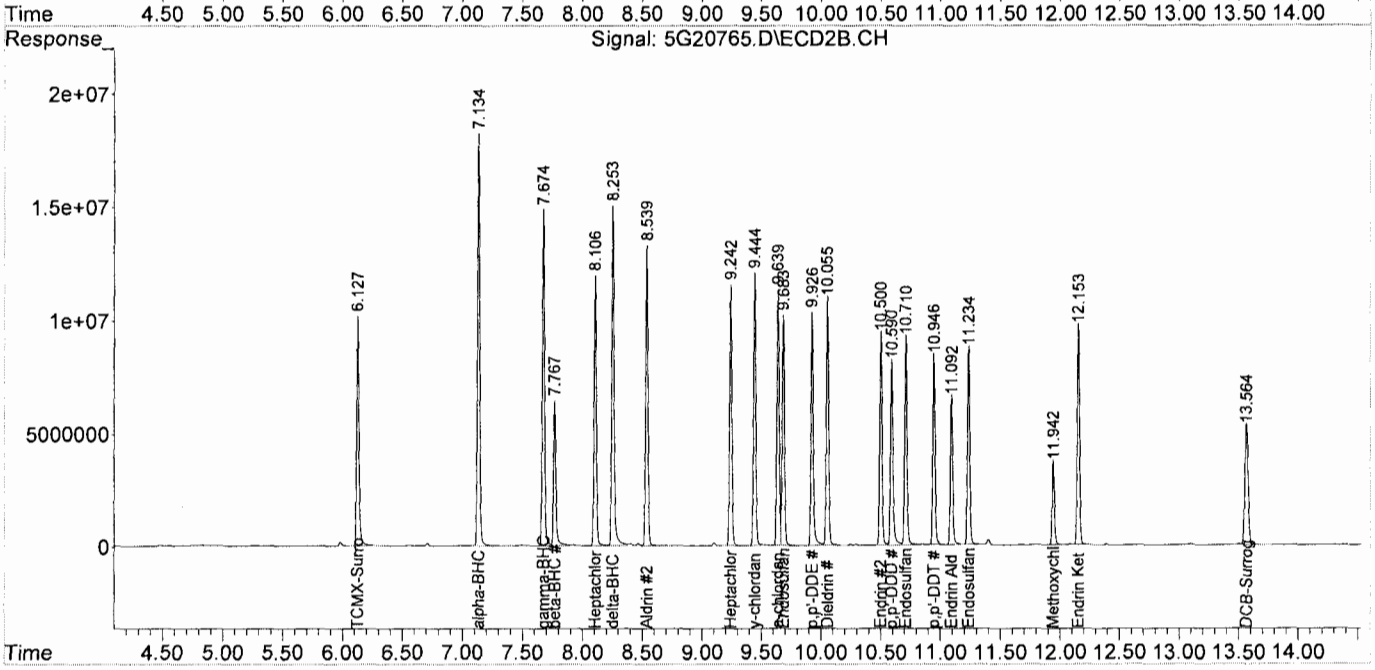
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20765.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 15:13
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 16:04:10 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-25-09\
Data File : 6G12739.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 00:31
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST:0.125
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 07:34:59 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

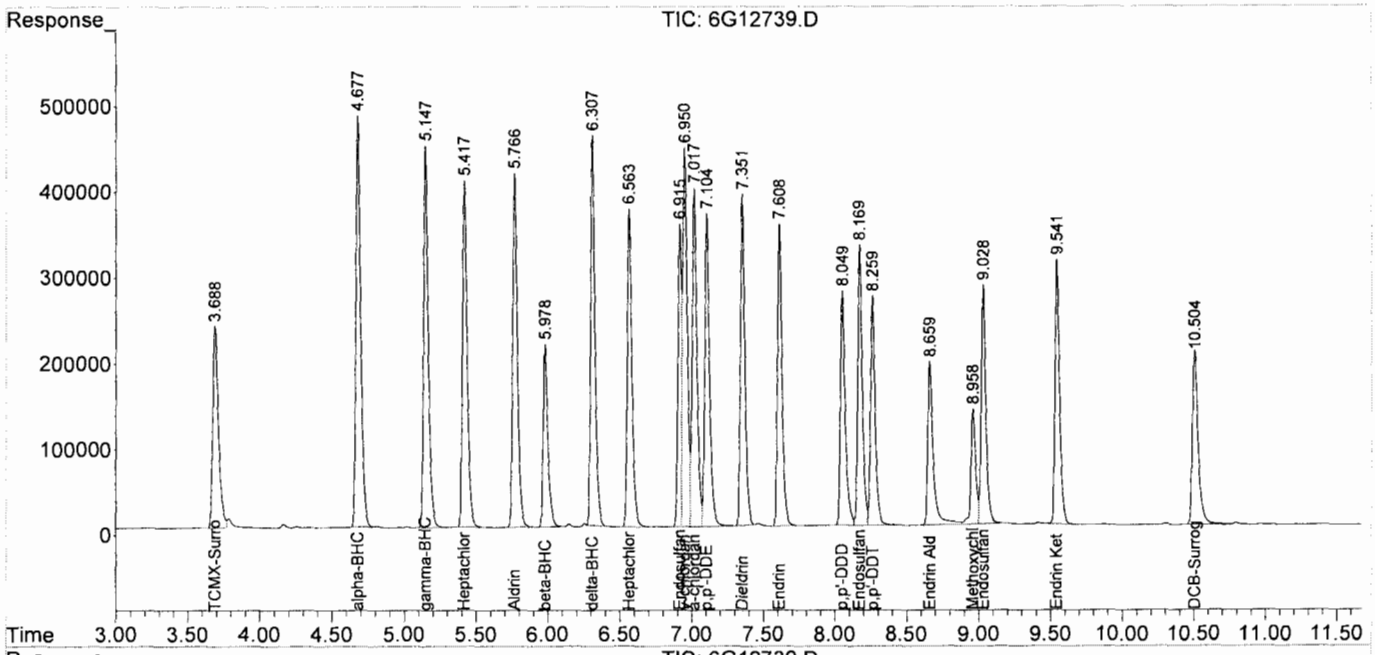
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.689	3.727	6505662	4588951	375.420	385.381
2)alpha-BHC	4.678	4.482	11098294	7915744	430.943	414.206
3)gamma-BHC	5.148	4.950	10060395	6829957	443.958	448.967
4)beta-BHC	5.979	5.015	4830744	3929346	423.110	411.256
5)Heptachlor	5.418	5.359	9137624	6597192	404.320	420.618
6)delta-BHC	6.308	5.474	9506215	7017082	439.808	420.171
7)Aldrin	5.767	5.777	9322006	6821362	425.892	440.200
8)Heptachlor Epoxid	6.564	6.458	8301028	6092549	395.425	413.885
9)y-chlordane	6.950	6.659	9977178	6399552	413.221	414.377
10)a-chlordane	7.017	6.857	9147883	5487886	400.326	390.345
11)Endosulfan I	6.916	6.906	5798956	6632475	413.444	433.009
12)p,p'-DDE	7.105	7.141	8525112	6051608	451.617	432.308
13)Dieldrin	7.352	7.287	8319645	6083102	430.397	440.978
14)Endrin	7.609	7.748	7680840	5302171	453.492	447.037
15)p,p'-DDD	8.050	7.832	6370933	4565365	452.036	412.682
16)Endosulfan II	8.170	7.965	7241479	5395512	413.326	420.740
17)p,p'-DDT	8.260	8.209	6006378	4601578	399.800	393.089
18)Endrin Aldehyde	8.660	8.365	5023145	3701181	396.614	398.632
19)Endosulfan Sulfat	9.029	8.514	6337049	4572976	415.754	432.672
20)Methoxychlor	8.959	9.266	3090069	2384996	401.575	396.903
21)Endrin Ketone	9.542	9.486	6974296	4989705	425.085	409.633
22)DCB-Surrogate	10.505	11.016	5778143	5363471	402.539	387.655

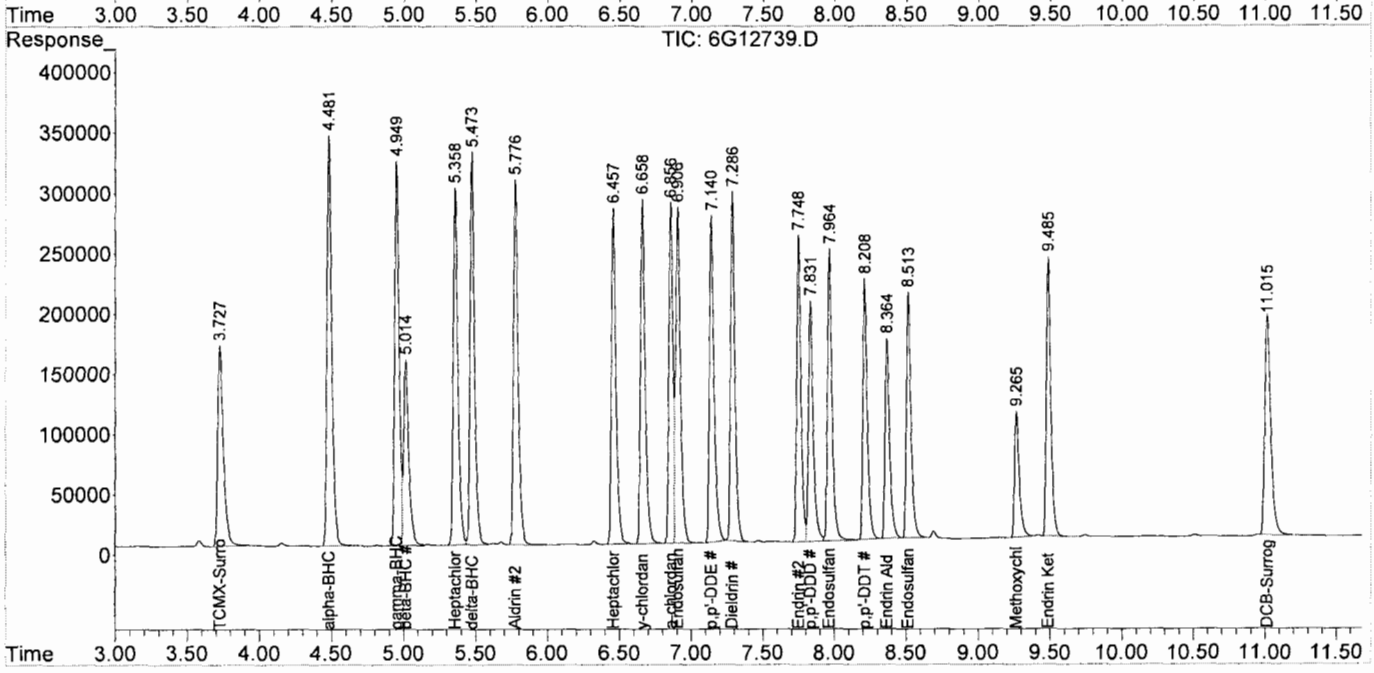
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_6\Data\02-25-09\
Data File : 6G12739.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 00:31
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST:0.125
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 07:34:59 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-25-09\
Data File : 6G12759.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:39
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 09:59:44 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.690	3.724	3745469	2678284	216.139	224.923
2)alpha-BHC	4.680	4.479	5461099	4370323	212.052	238.623
3)gamma-BHC	5.150	4.947	4750183	3773534	209.622	248.053
4)beta-BHC	5.982	5.012	2168496	2110470	189.932	220.888
5)Heptachlor	5.421	5.356	4579067	3771594	202.614	240.466
6)delta-BHC	6.312	5.472	4365233	3830811	201.959	229.383
7)Aldrin	5.770	5.774	4399178	3600843	200.984	232.372
8)Heptachlor Epoxid	6.567	6.456	4115826	3209807	196.060	218.052
9)y-chlordane	6.954	6.658	4810357	3283435	199.229	212.606
10)a-chlordane	7.021	6.855	4293864	2893800	187.906	205.831
11)Endosulfan I	6.919	6.905	2932820	3414254	209.099	222.904
12)p,p'-DDE	7.108	7.139	3925357	3111045	207.945	222.243
13)Dieldrin	7.355	7.285	3952919	3150468	204.495	228.385
14)Endrin	7.612	7.747	3627417	2757992	214.170	232.532m
15)p,p'-DDD	8.053	7.831	2797411	2201862	198.484	213.958
16)Endosulfan II	8.173	7.964	3326356	2669031	189.860	208.130
17)p,p'-DDT	8.263	8.209	2697865	2326063	195.330	211.531
18)Endrin Aldehyde	8.663	8.363	2224348	1885779	175.628	203.106
19)Endosulfan Sulfat	9.032	8.513	3005376	2283521	197.173	216.055
20)Methoxychlor	8.962	9.265	1590373	1303639	206.679	216.947
21)Endrin Ketone	9.543	9.485	3276309	2745681	199.692m	225.409
22)DCB-Surrogate	10.508	11.015	2852956	2831995	198.754	204.688

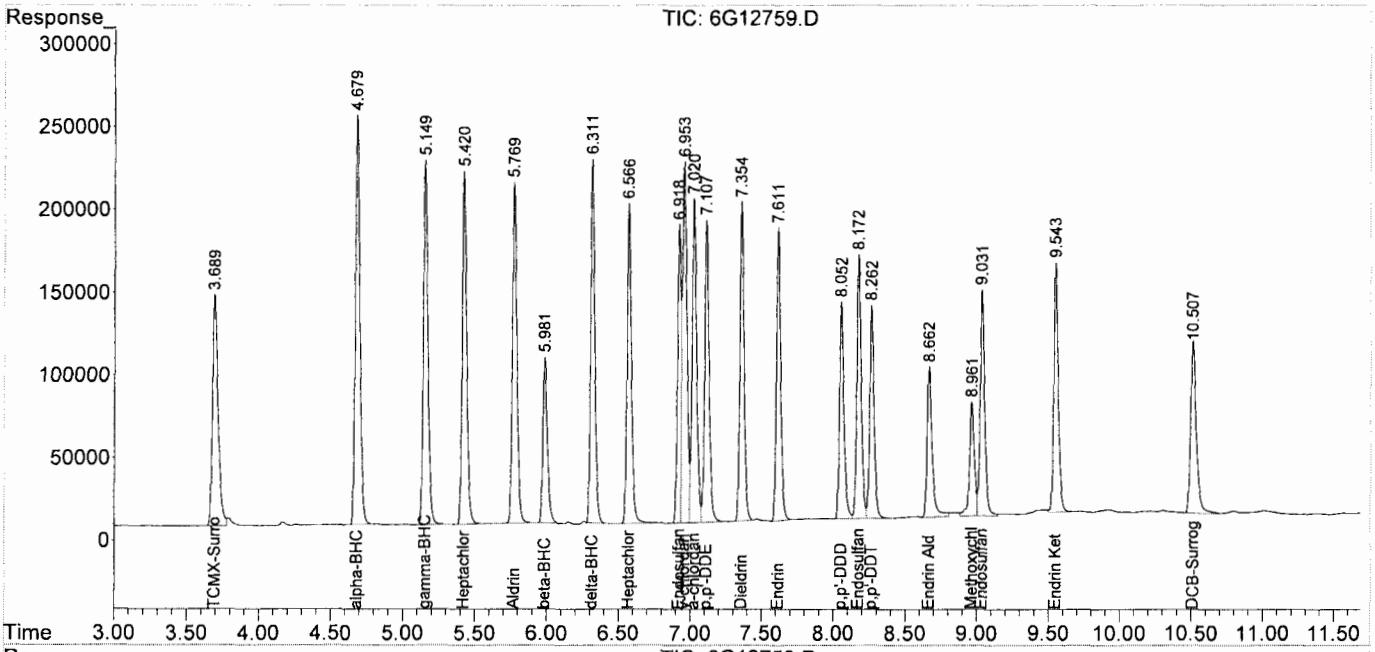
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

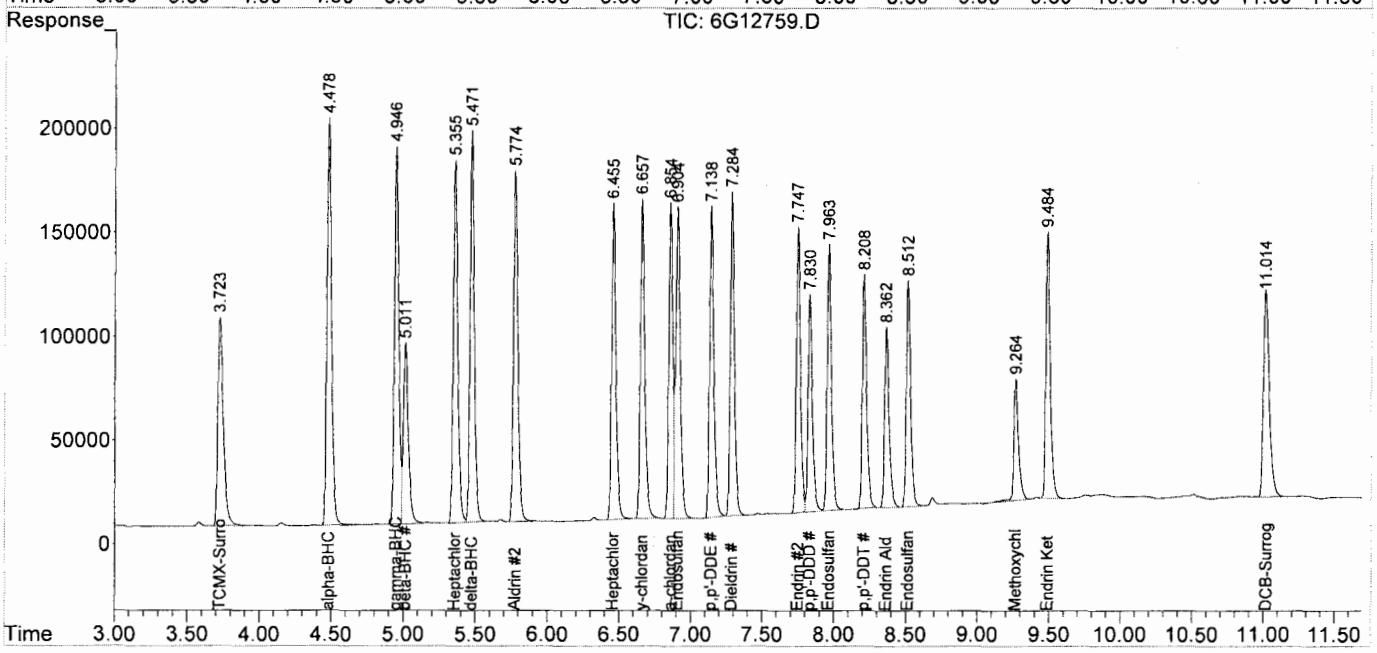
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-25-09\
Data File : 6G12759.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:39
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 09:59:44 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12773.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 4:31
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST:0.125
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 08:16:27 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.686	3.725	7007930	4698983	404.404	394.622
2)alpha-BHC	4.676	4.480	11263176	8072513	437.345	421.663
3)gamma-BHC	5.146	4.947	10287267	6986850	453.969	459.280
4)beta-BHC	5.976	5.011	4791108	4064616	419.638	425.414
5)Heptachlor	5.417	5.357	9554890	6800811	422.783	433.600
6)delta-BHC	6.306	5.471	9500380	7318806	439.538	438.238
7)Aldrin	5.765	5.775	9485512	6958444	433.362	449.046
8)Heptachlor Epoxid	6.562	6.456	8360014	6149803	398.235	417.774
9)y-chlordane	6.949	6.657	9866165	6463189	408.624	418.498
10)a-chlordane	7.016	6.854	8933258	5518197	390.934	392.501
11)Endosulfan I	6.914	6.904	5775197	6739754	411.750	440.013
12)p,p'-DDE	7.102	7.138	8399194	6124032	444.946	437.481
13)Dieldrin	7.350	7.285	8301123	6145916	429.439	445.531
14)Endrin	7.607	7.747	7018403	4884217	414.380	411.799
15)p,p'-DDD	8.047	7.829	6269464	4568672	444.837	412.943
16)Endosulfan II	8.168	7.963	7130814	5285211	407.009	412.139
17)p,p'-DDT	8.258	8.207	6281073	4895896	415.510	415.169
18)Endrin Aldehyde	8.659	8.362	5180253	3834153	409.019	412.954
19)Endosulfan Sulfat	9.027	8.512	6467786	4623970	424.331	437.497
20)Methoxychlor	8.956	9.263	3408007	2558442	442.893	425.767m
21)Endrin Ketone	9.540	9.484	7224125	5257082	440.312	431.584
22)DCB-Surrogate	10.503	11.015	5854073	5662864	407.829	409.294

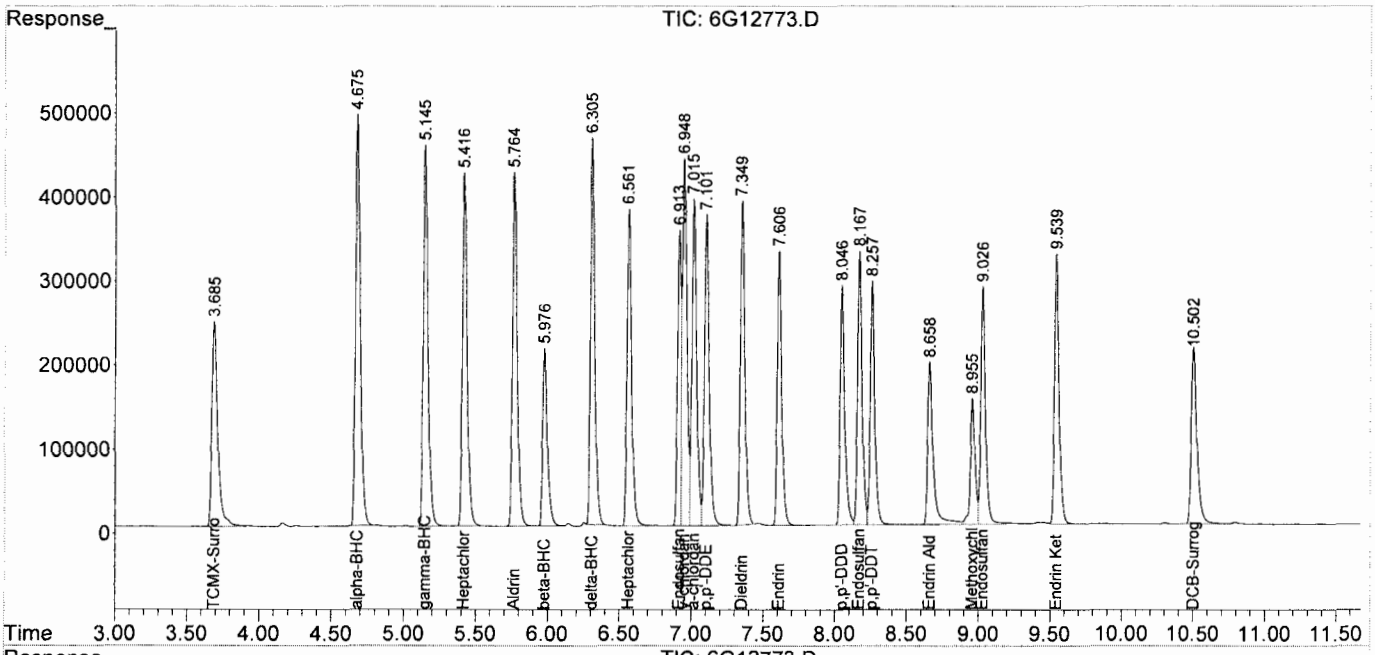
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

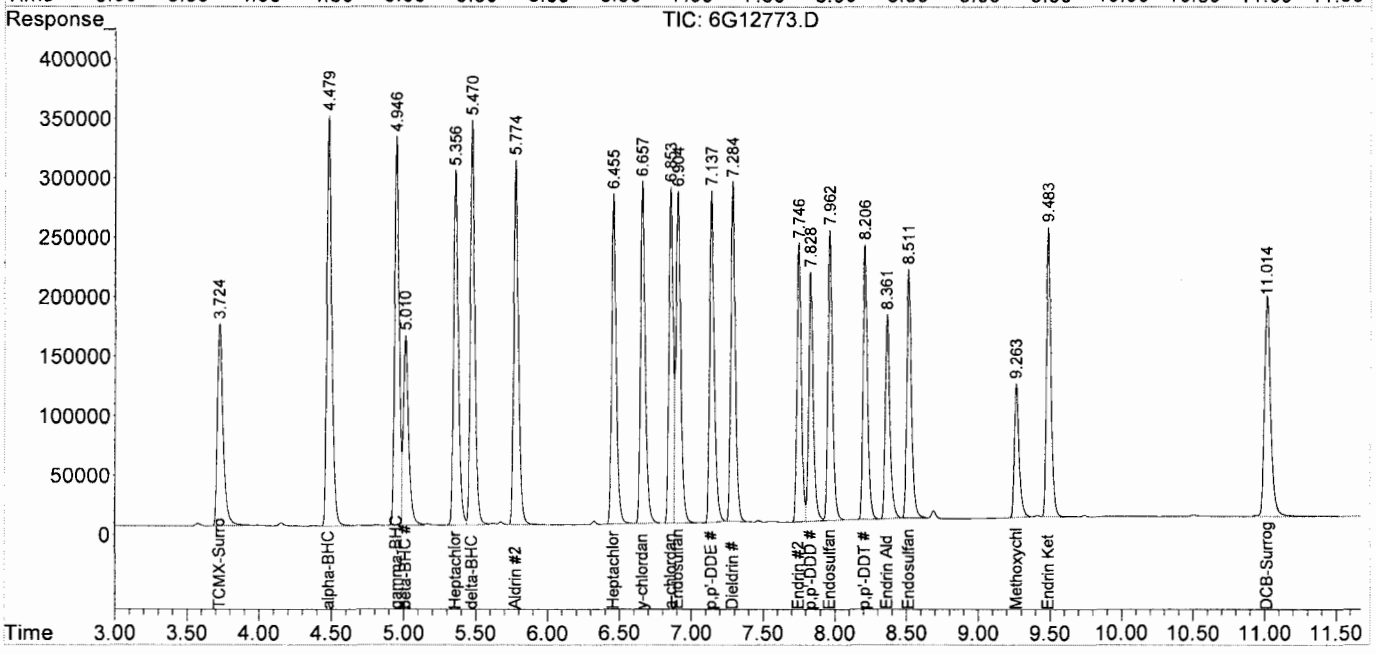
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12773.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 4:31
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST:0.125
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 08:16:27 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12795.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 13:55
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST:0.5
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 14:09:10 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.696	3.732	1860539	1277830	107.366	107.313
2)alpha-BHC	4.684	4.486	2608720	1919806	101.296	108.316
3)gamma-BHC	5.153	4.953	2425048	1778224	107.016	116.891
4)beta-BHC	5.984	5.017	1234369	1009672	108.114	105.675
5)Heptachlor	5.424	5.362	2309437	1781275	102.187	113.569
6)delta-BHC	6.313	5.477	2408446	1828629	111.427	109.495
7)Aldrin	5.773	5.779	2402074	1762937	109.743	113.767
8)Heptachlor Epoxid	6.569	6.460	2145839	1604838	102.218	109.021
9)y-chlordane	6.956	6.662	2553294	1651540	105.749	106.939
10)a-chlordane	7.023	6.859	2304014	1524361	100.827	108.425
11)Endosulfan I	6.921	6.909	1619101	1675658	115.436	109.397
12)p,p'-DDE	7.109	7.143	1989501	1556738	105.394	111.208
13)Dieldrin	7.357	7.289	2106594	1529694	108.980	110.891
14)Endrin	7.614	7.751	1575334	1254157	93.011	105.741
15)p,p'-DDD	8.054	7.834	1615516	1140384	114.626	115.106
16)Endosulfan II	8.175	7.968	1879665	1400069	107.287	109.177
17)p,p'-DDT	8.264	8.212	1404326	1138985	105.740	107.555
18)Endrin Aldehyde	8.665	8.368	1163237	979690	91.846	105.517
19)Endosulfan Sulfat	9.034	8.517	1636872	1198629	107.390	113.408
20)Methoxychlor	8.963	9.268	785851	656566	102.127m	109.263m
21)Endrin Ketone	9.546	9.490	1877124	1472705	114.411m	120.903
22)DCB-Surrogate	10.509	11.019	1693355	1740193	117.969m	125.776

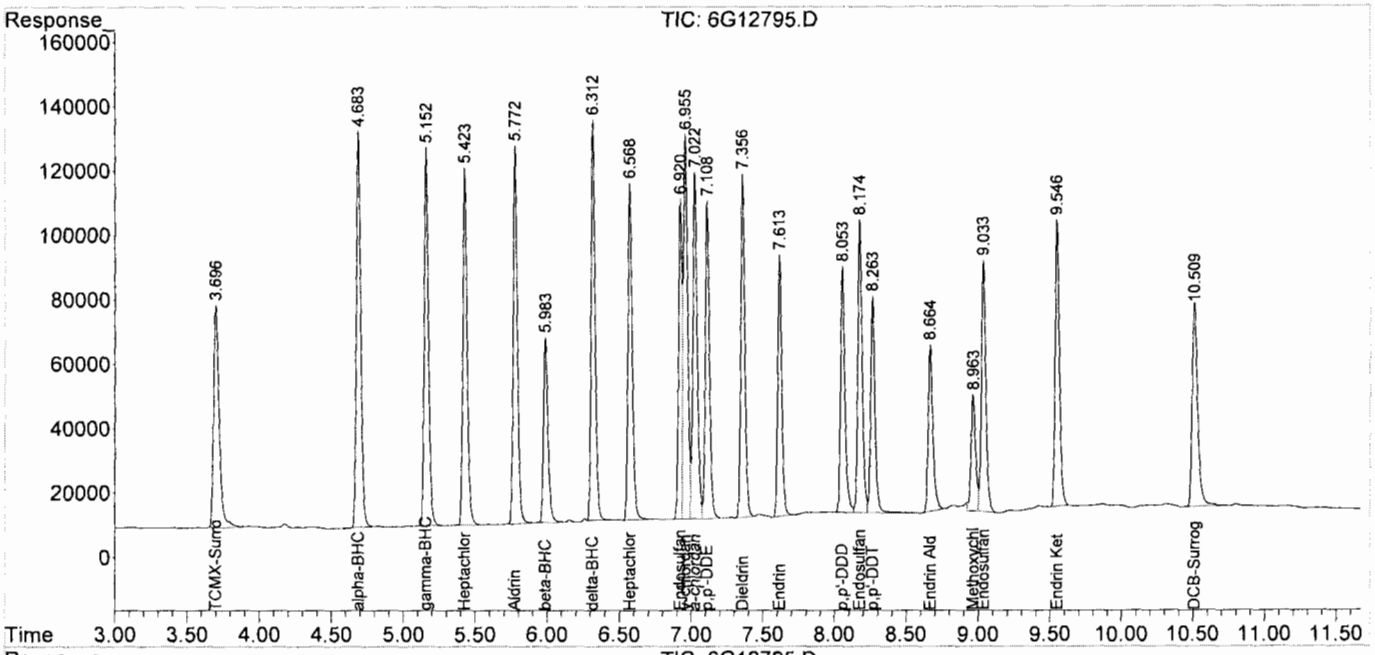
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

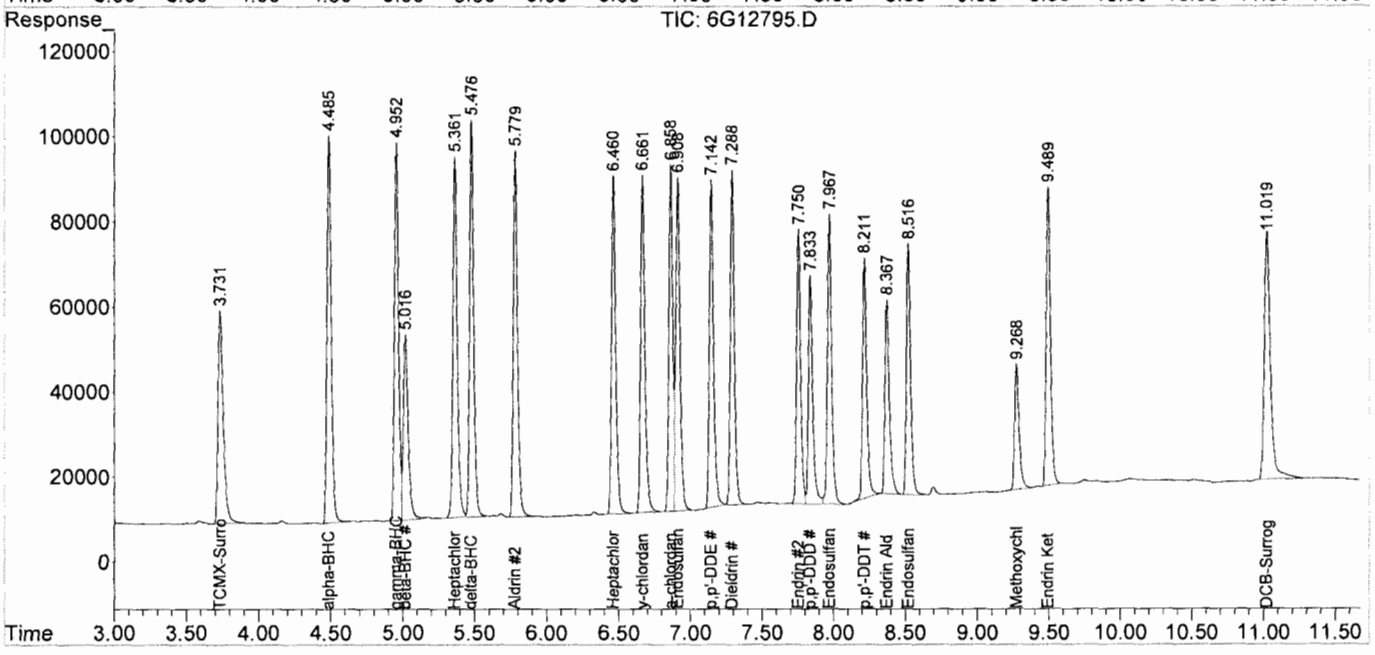
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12795.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 13:55
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST:0.5
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 14:09:10 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12799.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 15:28
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST:0.125
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 15:43:02 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.693	3.732	7080322	4934173	408.582	414.373
2)alpha-BHC	4.681	4.486	11631543	8625399	451.648	447.775
3)gamma-BHC	5.150	4.953	10631783	7439661	469.173	489.046
4)beta-BHC	5.980	5.017	5093326	4253055	446.108	445.137
5)Heptachlor	5.421	5.362	9376486	7125744	414.889	454.317
6)delta-BHC	6.310	5.476	10306929	7843272	476.853	469.642
7)Aldrin	5.770	5.779	9821817	7329516	448.727	472.993
8)Heptachlor Epoxid	6.566	6.460	8735690	6475573	416.130	439.905
9)y-chlordane	6.952	6.662	10637704	6894922	440.578	446.453
10)a-chlordane	7.019	6.859	9755052	5926277	426.897	421.527
11)Endosulfan I	6.918	6.909	5996870	7065474	427.554	461.278
12)p,p'-DDE	7.106	7.142	9066952	6516061	480.321	465.487
13)Dieldrin	7.354	7.289	8825461	6520789	456.564	472.707
14)Endrin	7.611	7.751	7406959	5289807	437.321	445.995
15)p,p'-DDD	8.051	7.834	6874095	4952611	487.737	442.977
16)Endosulfan II	8.172	7.967	7725198	5760871	440.935	449.230
17)p,p'-DDT	8.262	8.211	6518173	5141936	428.937	433.412
18)Endrin Aldehyde	8.662	8.367	5767162	4201715	455.359	452.542
19)Endosulfan Sulfat	9.031	8.517	7113782	4987520	466.713	471.894
20)Methoxychlor	8.961	9.267	3400066	2656510	441.861	442.087m
21)Endrin Ketone	9.542	9.489	7555067	5930476	460.483m	486.867
22)DCB-Surrogate	10.508	11.019	6195756	5851217	431.633	422.907

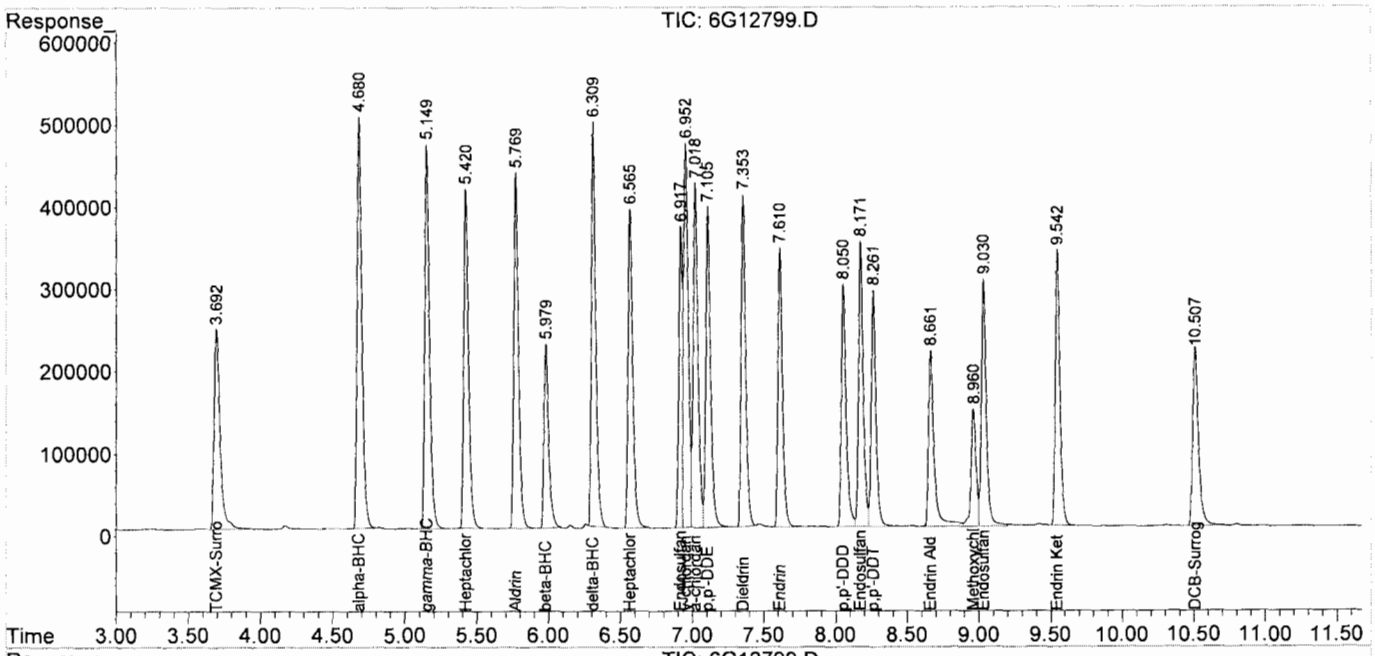
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

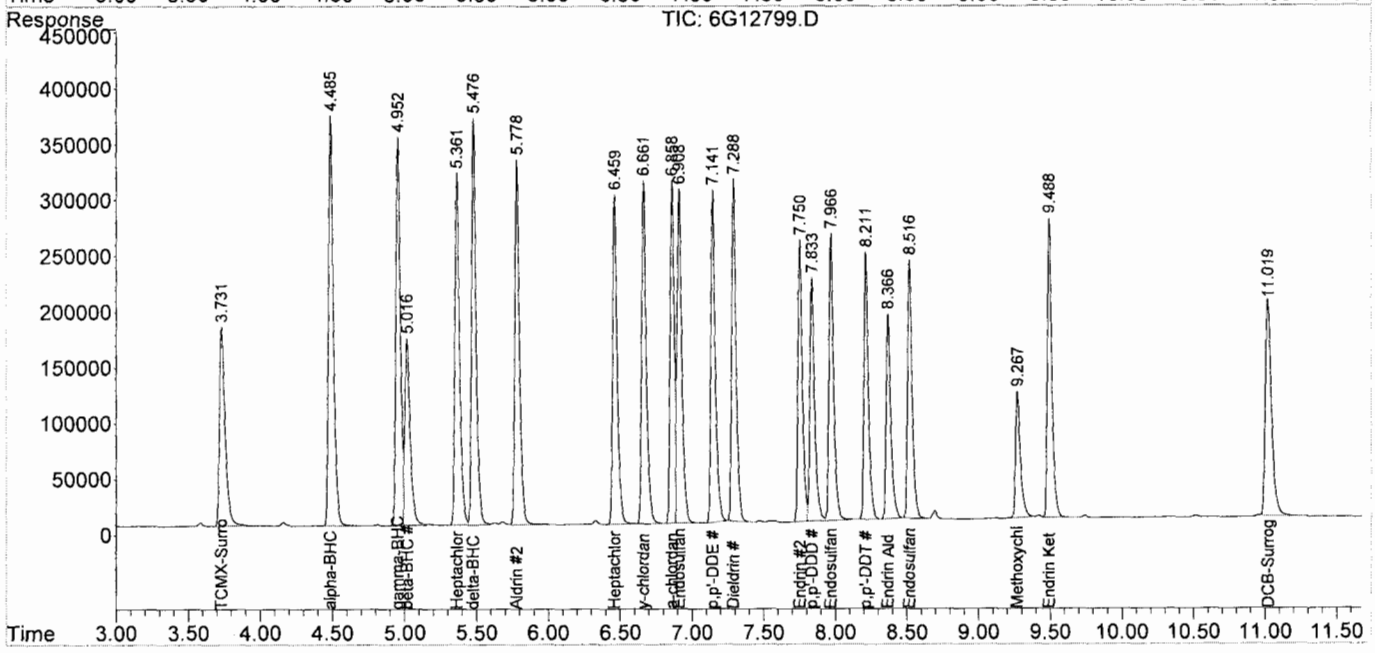
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-26-09\
Data File : 6G12799.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Feb 2009 15:28
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST:0.125
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 26 15:43:02 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





GC Pesticide Data
Raw QC Data

Form1

ORGANICS PESTICIDE REPORT

Sample Number: WMB3484
Client Id:
Data File: 5G20751.D
Analysis Date: 02/25/09 09:31
Date Rec/Extracted: NA-02/24/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110089

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:31
Operator : JP
Sample : WMB3484
Misc : A,PEST
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 10:36:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.102	6.125	96956722	64399990	87.254m	89.639m
22)	DCB-Surrogate	13.024	13.564	83353549	49604576	84.641m	83.044m

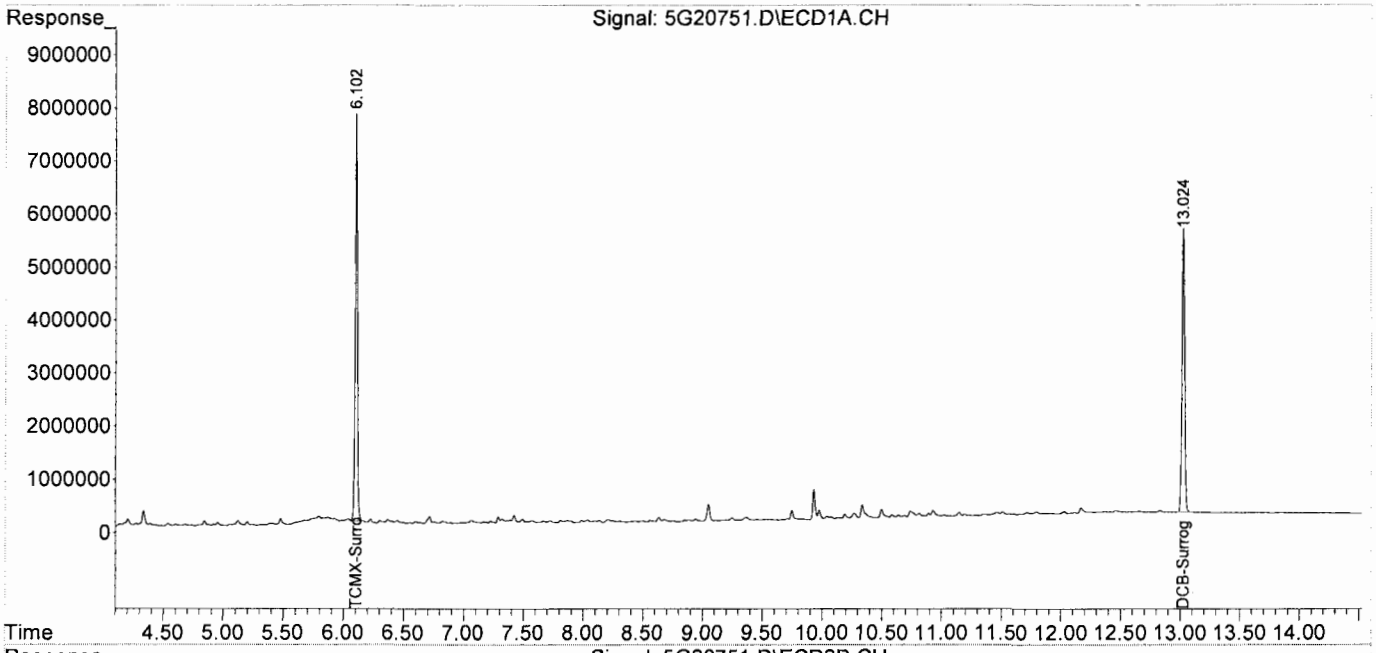
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

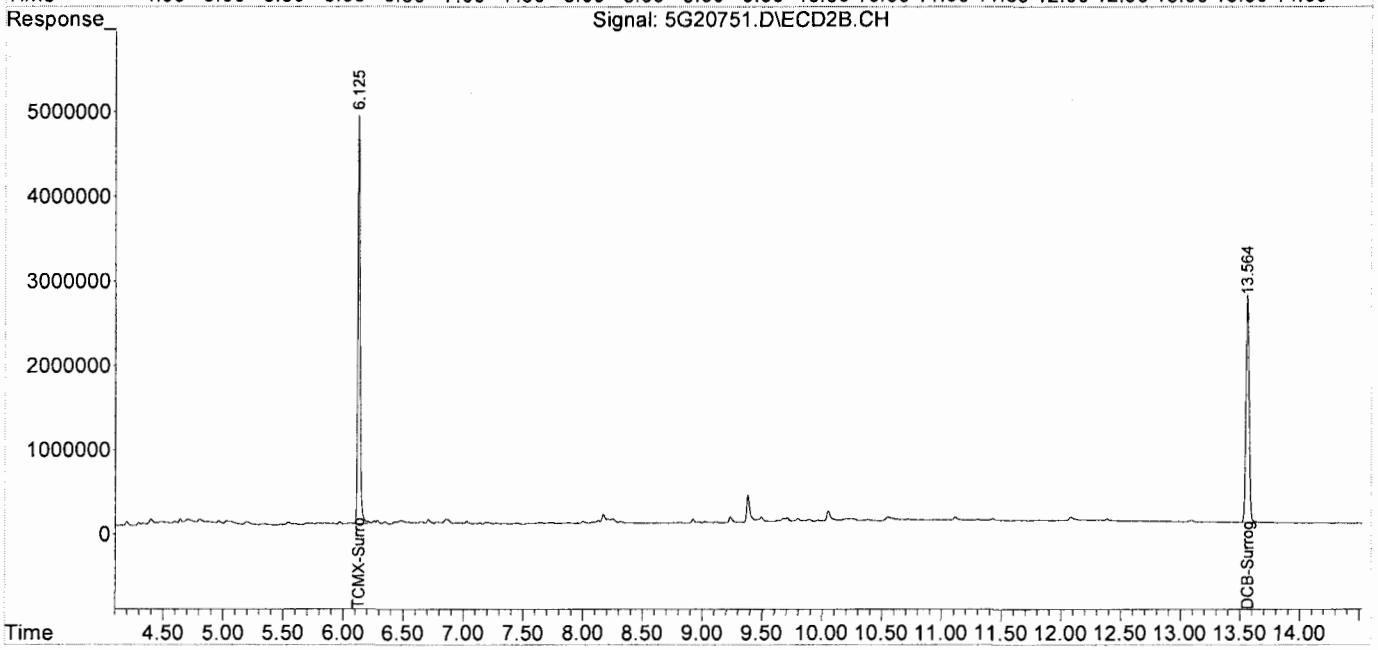
JP

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:31
Operator : JP
Sample : WMB3484
Misc : A,PEST
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 10:36:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: SMB2178B
Client Id:
Data File: 5G20761.D
Analysis Date: 02/25/09 14:00
Date Rec/Extracted: NA-02/25/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0050	U	7421-93-4	Endrin Aldehyde	0.0050	U
319-84-6	alpha-BHC	0.0010	U	53494-70-5	Endrin Ketone	0.0050	U
319-85-7	beta-BHC	0.0010	U	58-89-9	gamma-BHC	0.0010	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0050	U
319-86-8	delta-BHC	0.0050	U	1024-57-3	Heptachlor Epoxide	0.0050	U
60-57-1	Dieldrin	0.0010	U	72-43-5	Methoxychlor	0.0050	U
959-98-8	Endosulfan I	0.0050	U	72-54-8	p,p'-DDD	0.0025	U
33213-65-9	Endosulfan II	0.0050	U	72-55-9	p,p'-DDE	0.0025	U
1031-07-8	Endosulfan Sulfate	0.0050	U	50-29-3	p,p'-DDT	0.0025	U
72-20-8	Endrin	0.0050	U	8001-35-2	Toxaphene	0.025	U

Worksheet #: 110215

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20761.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 14:00
Operator : JP
Sample : SMB2178B
Misc : S,PEST
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 16:04:38 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.106	6.124	114.7E6	75490354	103.185	105.076
22)	DCB-Surrogate	13.029	13.565	96656576	57547486	98.149m	96.341

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

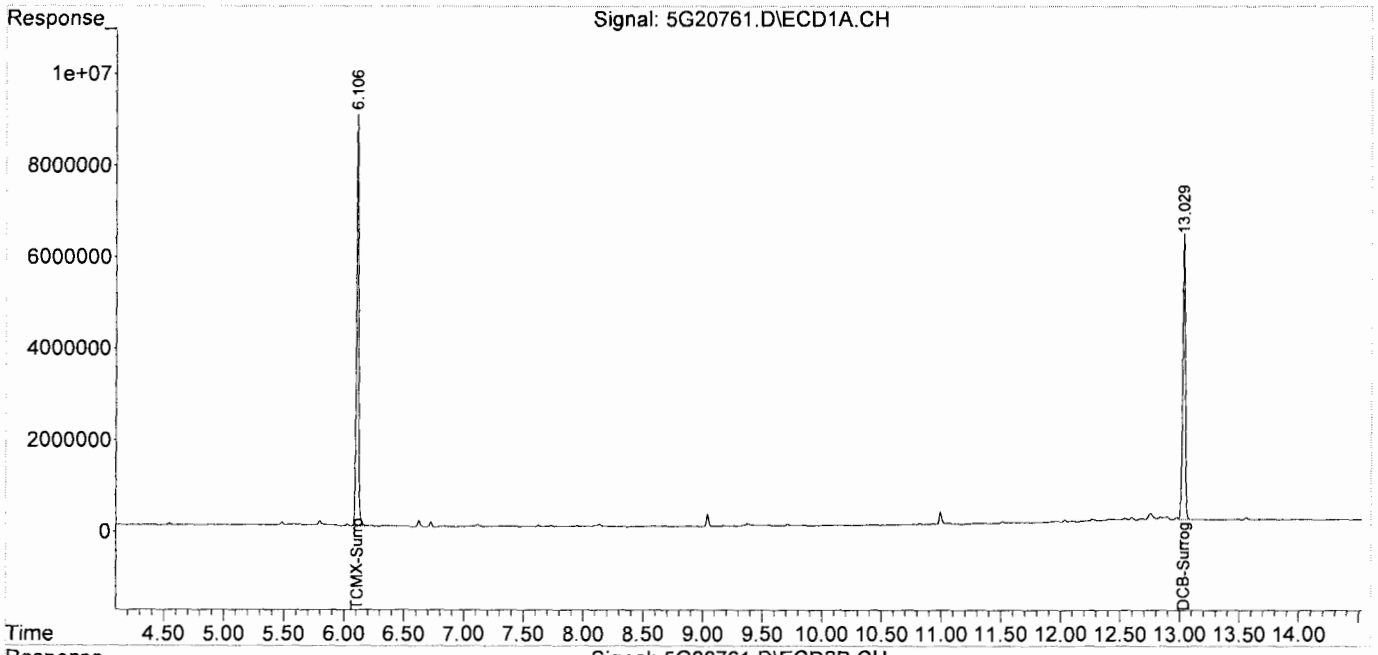
MS

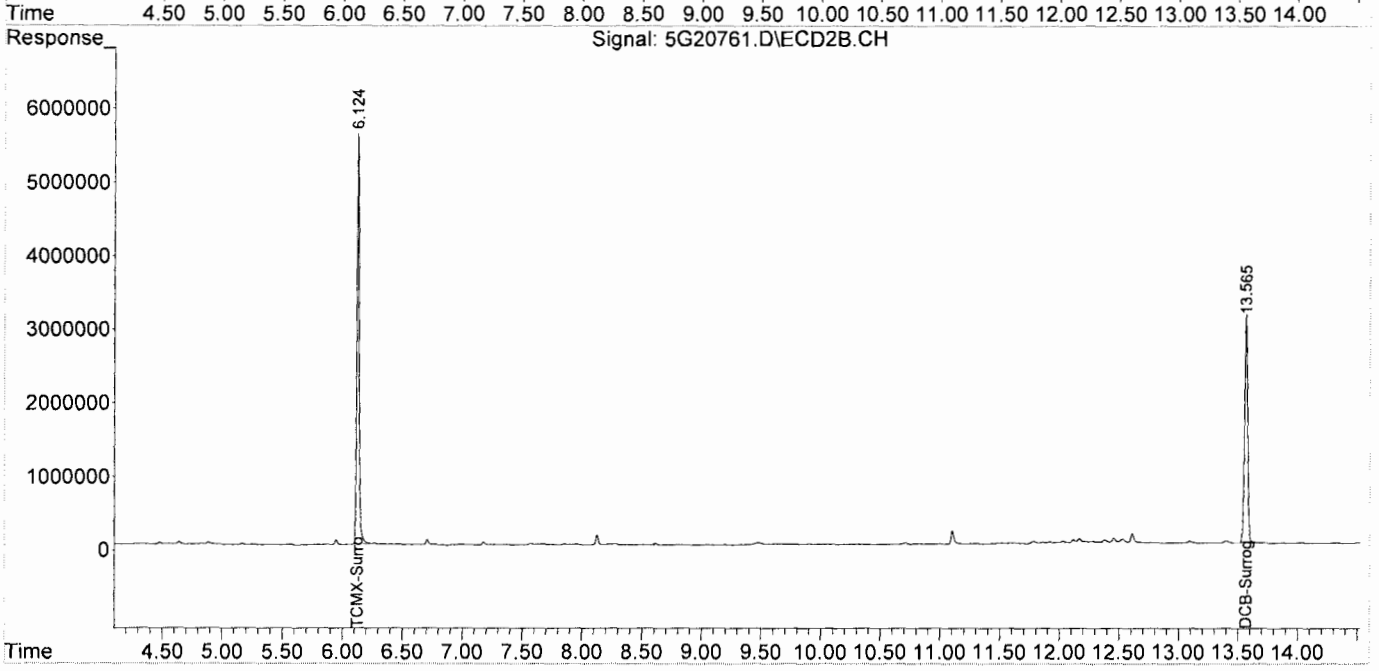
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20761.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 14:00
Operator : JP
Sample : SMB2178B
Misc : S,PEST
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 16:04:38 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Form3

MBS Data

Method: 8081

Data File:==>					5G20762.D														
Data/Batch/Sample ID:==>					SMB2178B(MS)														
Date/Time:==>					02/25/09 14:19														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aldrin	51-130		1	0	102.4	100	102												
alpha-BHC	53-136		1	0	102.6	100	103												
beta-BHC	40-156		1	0	95.41	100	95												
delta-BHC	52-124		1	0	90.99	100	91												
Dieldrin	52-141		1	0	101.3	100	101												
Endosulfan I	50-134		1	0	101.9	100	102												
Endosulfan II	54-129		1	0	99.12	100	99												
Endosulfan Sulfate	55-131		1	0	92.39	100	92												
Endrin	56-138		1	0	99.96	100	100												
Endrin Aldehyde	20-137		1	0	96.83	100	97												
Endrin Ketone	56-134		1	0	95.5	100	95												
gamma-BHC	56-129		1	0	100.7	100	101												
Heptachlor	53-136		1	0	100.2	100	100												
Heptachlor Epoxide	56-128		1	0	100.8	100	101												
Methoxychlor	35-159		1	0	106.1	100	106												
p,p'-DDD	51-157		1	0	101.2	100	101												
p,p'-DDE	40-164		1	0	100.6	100	101												
p,p'-DDT	20-167		1	0	107.2	100	107												

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

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20762.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 14:19
Operator : JP
Sample : SMB2178B(MS)
Misc : S,PEST
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 16:06:45 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.103	6.127	111.7E6	73285395	100.514	102.007
2)alpha-BHC	7.315	7.135	166.1E6	121.1E6	102.637	102.242
3)gamma-BHC	7.831	7.675	161.7E6	98900074	100.721	95.982
4)beta-BHC	8.688	7.768	68627146	47329130	95.408	99.876
5)Heptachlor	8.145	8.106	140.9E6	86891665	100.231	100.650
6)delta-BHC	9.011	8.255	144.6E6	100.1E6	90.990	95.133
7)Aldrin	8.508	8.539	148.8E6	95831426	102.349	101.062
8)Heptachlor Epoxid	9.294	9.243	129.2E6	85282292	100.779	101.520
9)y-chlordane	9.674	9.444	135.1E6	83063827	99.812m	96.431
10)a-chlordane	9.740	9.639	130.5E6	82435475	100.246m	99.703
11)Endosulfan I	9.640	9.683	119.9E6	75327383	101.914m	95.904
12)p,p'-DDE	9.836	9.927	130.8E6	82964279	100.617	100.742
13)Dieldrin	10.057	10.055	134.0E6	87819798	101.332	101.380
14)Endrin	10.303	10.501	114.7E6	67961509	99.964	94.917
15)p,p'-DDD	10.713	10.591	105.0E6	66107736	101.210	96.938
16)Endosulfan II	10.819	10.710	105.2E6	71753746	99.115	94.015
17)p,p'-DDT	10.922	10.947	92455763	59250439	107.186	106.209
18)Endrin Aldehyde	11.262	11.092	69558897	52153360	96.828m	107.167
19)Endosulfan Sulfat	11.603	11.235	89719832	61005360	92.392m	92.100
20)Methoxychlor	11.567	11.942	43304766	27349337	106.087m	105.784
21)Endrin Ketone	12.088	12.154	100.4E6	72339503	95.504	97.139
22)DCB-Surrogate	13.026	13.565	92617534	54965564	94.048	92.019

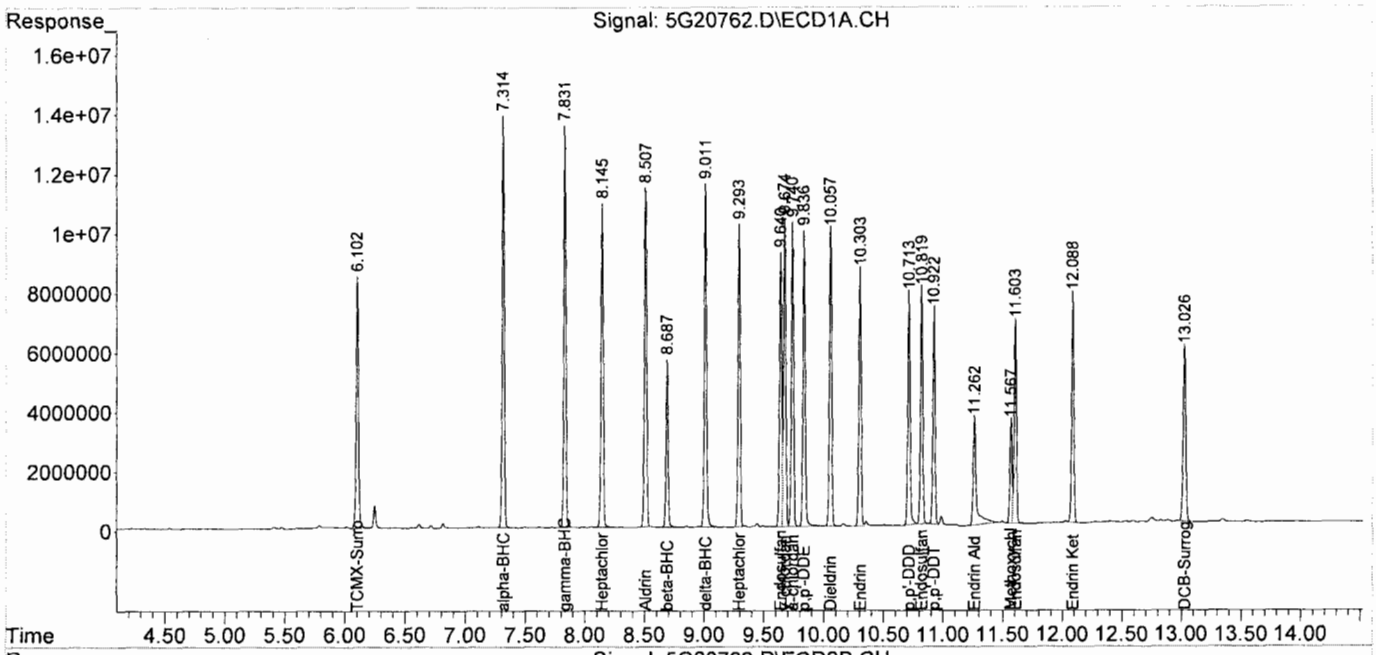
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

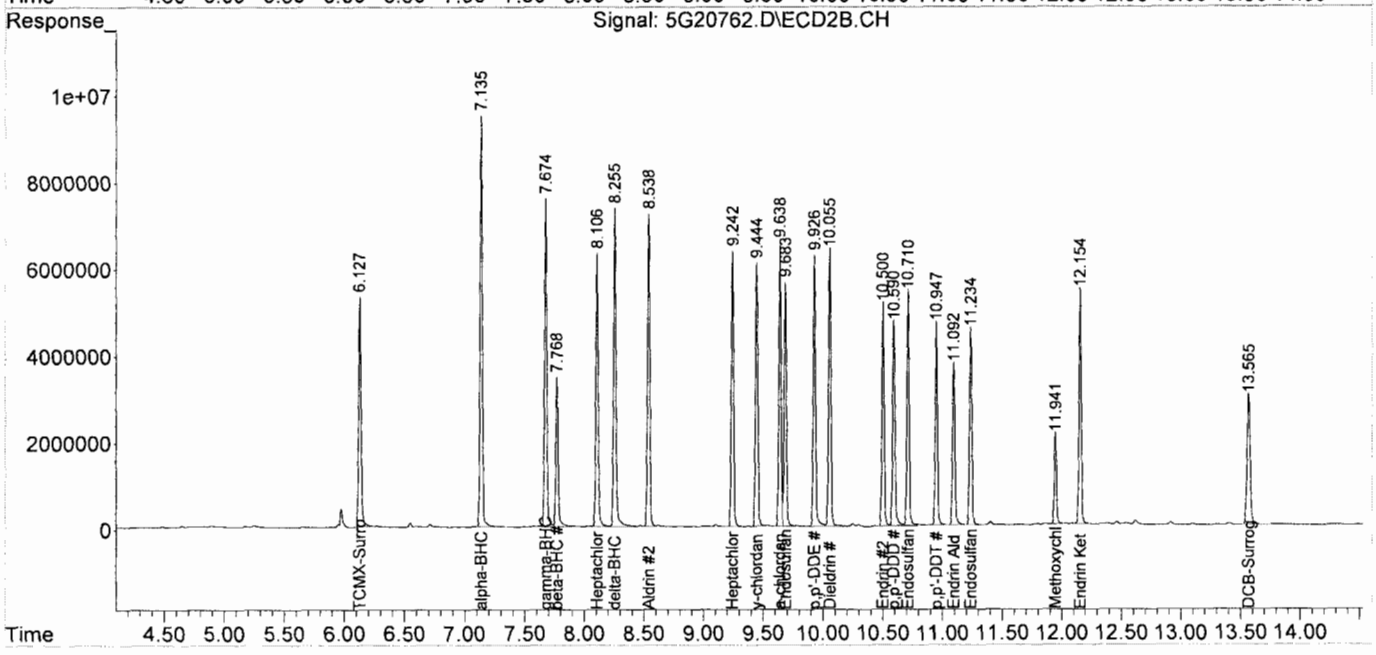
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20762.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 14:19
Operator : JP
Sample : SMB2178B(MS)
Misc : S,PEST
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 16:06:45 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Form3

MBS Data

Method: 608

Data File:==>					5G20752.D														
Data/Batch/Sample ID:==>					WMB3484(MS)														
Date/Time:==>					02/25/09 09:49														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aldrin		42-122	1	0	95.02	100	95												
alpha-BHC		37-134	1	0	98.66	100	99												
beta-BHC		17-147	1	0	85.98	100	86												
delta-BHC		19-140	1	0	81.92	100	82												
Dieldrin		36-146	1	0	96.86	100	97												
Endosulfan I		45-153	1	0	96.99	100	97												
Endosulfan II		0-202	1	0	98.56	100	99												
Endosulfan Sulfate		26-144	1	0	89.18	100	89												
Endrin		30-147	1	0	104.9	100	105												
gamma-BHC		32-127	1	0	93.57	100	94												
Heptachlor		34-111	1	0	93.43	100	93												
Heptachlor Epoxide		37-142	1	0	96.6	100	97												
p,p'-DDD		31-141	1	0	98.02	100	98												
p,p'-DDE		30-145	1	0	94.61	100	95												
p,p'-DDT		25-160	1	0	105.3	100	105												

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

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20752.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:49
Operator : JP
Sample : WMB3484(MS)
Misc : A,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 10:40:48 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.101	6.126	82837960	53031857	74.548	73.816m
2)alpha-BHC	7.313	7.134	159.7E6	112.9E6	98.659	95.277
3)gamma-BHC	7.830	7.674	150.3E6	100.6E6	93.570	97.630
4)beta-BHC	8.686	7.767	61845518	43568502	85.980	91.941
5)Heptachlor	8.144	8.106	131.3E6	86231204	93.434	99.884
6)delta-BHC	9.009	8.253	130.2E6	96010774	81.922m	91.228
7)Aldrin	8.507	8.539	138.1E6	90958517	95.018	95.923
8)Heptachlor Epoxid	9.292	9.242	123.9E6	83101075	96.604	98.923
9)y-chlordane	9.673	9.443	124.5E6	80949052	91.990m	93.976
10)a-chlordane	9.738	9.639	123.3E6	79896744	94.660m	96.633
11)Endosulfan I	9.639	9.684	114.1E6	76818524	96.990m	97.803
12)p,p'-DDE	9.834	9.924	123.0E6	79412897	94.612m	96.430
13)Dieldrin	10.056	10.056	128.1E6	86357884	96.857	99.693
14)Endrin	10.302	10.500	120.4E6	70888768	104.913	99.005
15)p,p'-DDD	10.711	10.589	101.7E6	67588483	98.019	99.109
16)Endosulfan II	10.818	10.709	104.6E6	70799952	98.559	92.765
17)p,p'-DDT	10.921	10.946	90767879	59300632	105.339	106.294
18)Endrin Aldehyde	11.260	11.091	73596895	51631463	102.449	106.104
19)Endosulfan Sulfat	11.601	11.235	86601043	59322132	89.180m	89.559
20)Methoxychlor	11.565	11.941	41193405	26391742	101.167m	102.080
21)Endrin Ketone	12.086	12.152	97930796	68500472	93.138	91.984
22)DCB-Surrogate	13.023	13.563	83676738	49386983	84.969	82.680m

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

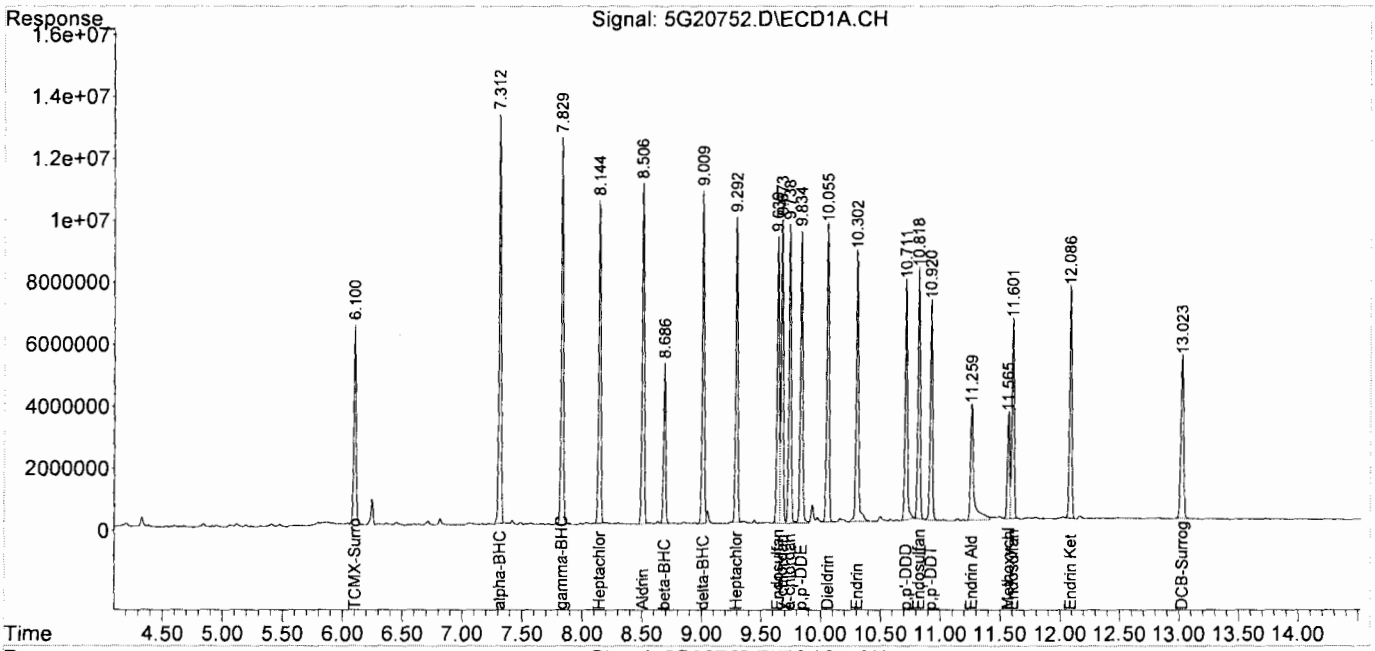
98

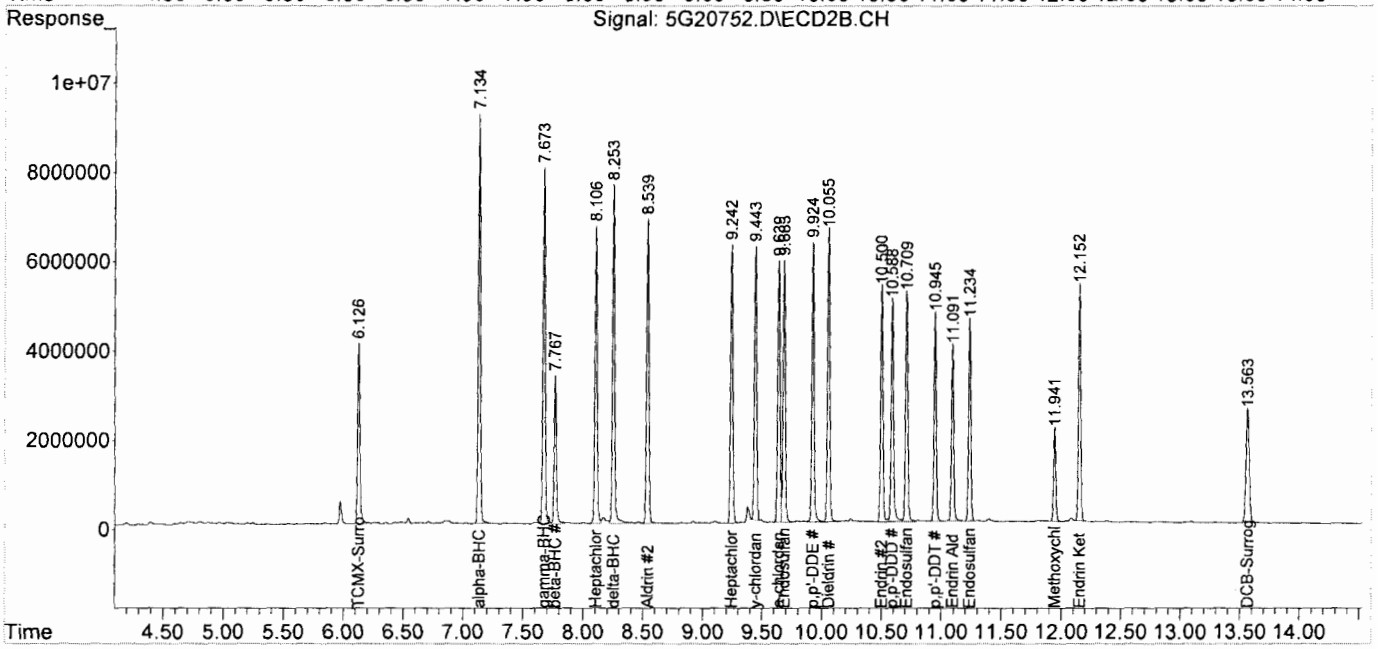
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-25-09\
Data File : 5G20752.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 9:49
Operator : JP
Sample : WMB3484(MS)
Misc : A,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 10:40:48 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





FORM 3

Spike Recovery

Batch Number: WMB3476
Mbs Name: WMB3476(MS)
Ns Name: AC42612-001(T)
Ms Name: AC42612-001(T)(M
Msd Name: AC42612-001(T)(M

Mbs File: 6G12579.D
Non Spk'd File: 6G12567.D
Spike File: 6G12580.D
Spike Dup File: 6G12581.D
Matrix: Aqueous
Method: EPA 608

Mbs Date: 02/19/09 00:47
Non Spk'd Date: 02/18/09 11:28
Spike Date : 02/19/09 01:02
Spike Dup Date: 02/19/09 01:17

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	37	134	23	107.65	0.00	103.02	96.81	108	103	97	6.2
gamma-BHC	3	1	0	100	32	127	23	114.44	0.00	110.51	102.79	114	111	103	7.2
beta-BHC	4	1	0	100	17	147	27	119.02	0.00	119.38	111.77	119	119	112	6.6
Heptachlor	5	1	0	100	34	111	21	108.98	0.00	107.21	100.79	109	107	101	6.2
delta-BHC	6	1	0	100	19	140	24	99.88	0.00	99.40	92.91	100	99	93	6.7
Aldrin	7	1	0	100	42	122	23	113.56	0.00	109.85	103.29	114	110	103	6.2
Heptachlor Epoxide	8	1	0	100	37	142	17	112.22	0.00	110.52	103.53	112	111	104	6.5
Endosulfan I	11	1	0	100	45	153	30	123.95	0.00	121.87	114.56	124	122	115	6.2
p,p'-DDE	12	1	0	100	30	145	18	119.01	0.00	117.15	109.56	119	117	110	6.7
Dieldrin	13	1	0	100	36	146	26	117.28	0.00	115.98	107.43	117	116	107	7.7
Endrin	14	1	0	100	30	147	20	119.34	0.00	118.26	111.57	119	118	112	5.8
p,p'-DDD	15	1	0	100	31	141	21	120.49	0.00	120.00	110.91	120	120	111	7.9
Endosulfan II	16	1	0	100	0	202	20	116.75	0.00	115.21	108.65	117	115	109	5.9
p,p'-DDT	17	1	0	100	25	160	22	117.22	0.00	117.74	109.58	117	118	110	7.2
Endosulfan Sulfate	19	1	0	100	26	144	26	110.79	0.00	110.08	107.35	111	110	107	2.5

Note:

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

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

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12579.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 00:47
Operator : JP
Sample : WMB3476(MS)
Misc : A,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:52:23 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.696	3.735	1666629	1089709	96.176	91.514
2)alpha-BHC	4.687	4.490	2772492	1891668	107.655	106.770
3)gamma-BHC	5.156	4.958	2593265	1740526	114.439m	114.413
4)beta-BHC	5.990	5.022	1358909	1014613	119.023	106.192
5)Heptachlor	5.427	5.365	2462861	1738865	108.976	110.865m
6)delta-BHC	6.319	5.481	2158803	1515318	99.878	90.735m
7)Aldrin	5.775	5.784	2485661	1749924	113.562	112.927
8)Heptachlor Epoxid	6.574	6.466	2355698	1648294	112.215	111.974
9)y-chlordane	6.961	6.667	2813922	1723143	116.543	111.575
10)a-chlordane	7.028	6.865	2550878	1600978	111.631	113.875
11)Endosulfan I	6.926	6.915	1738512	1748662	123.949	114.163
12)p,p'-DDE	7.115	7.149	2246628	1567593	119.015	111.984
13)Dieldrin	7.362	7.295	2266953	1590465	117.275	115.296
14)Endrin	7.620	7.757	2021280	1338494	119.340	112.851
15)p,p'-DDD	8.062	7.841	1698232	1167168	120.494	117.690
16)Endosulfan II	8.183	7.973	2045404	1460406	116.747	113.882
17)p,p'-DDT	8.272	8.219	1564819	1212048	117.224	114.175
18)Endrin Aldehyde	8.674	8.374	1549074	1148505	122.311	123.699
19)Endosulfan Sulfat	9.043	8.523	1688665	1161331	110.788	109.879
20)Methoxychlor	8.974	9.276	889042	670029	115.537	111.504m
21)Endrin Ketone	9.556	9.496	1975926	1388972	120.433	114.029
22)DCB-Surrogate	10.520	11.031	1569929	1500047	109.370	108.419

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

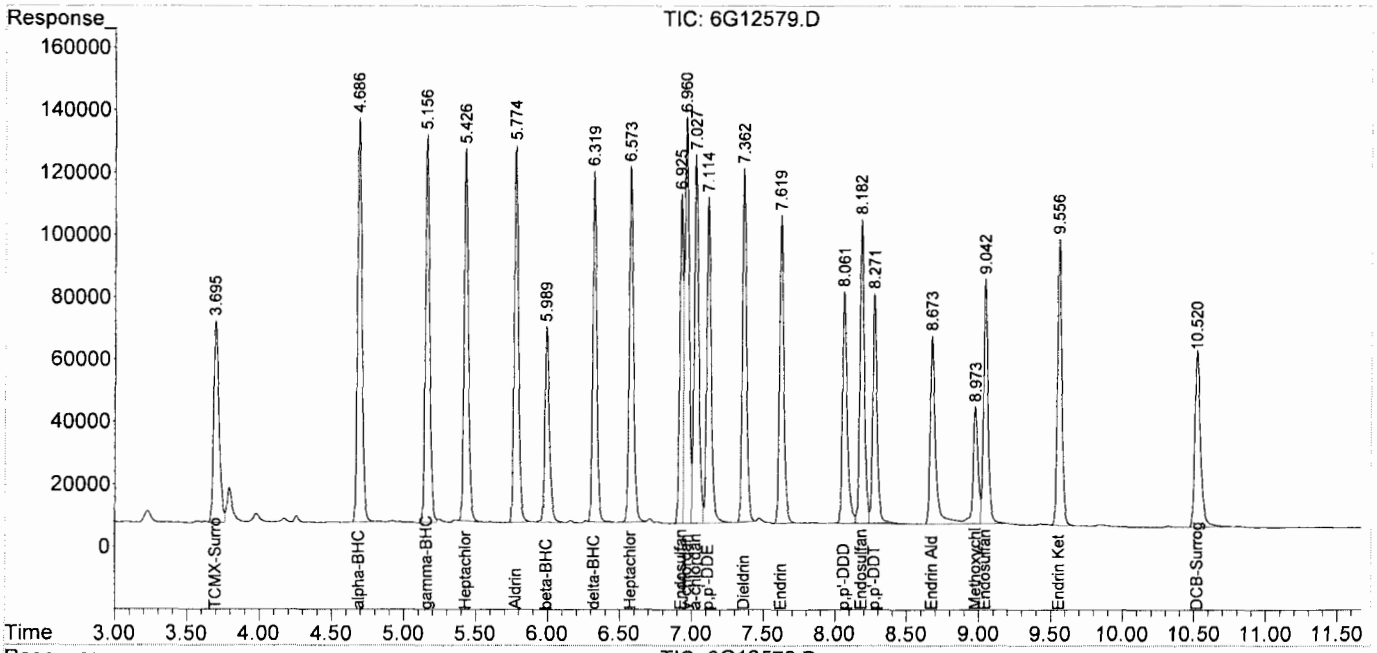
9P

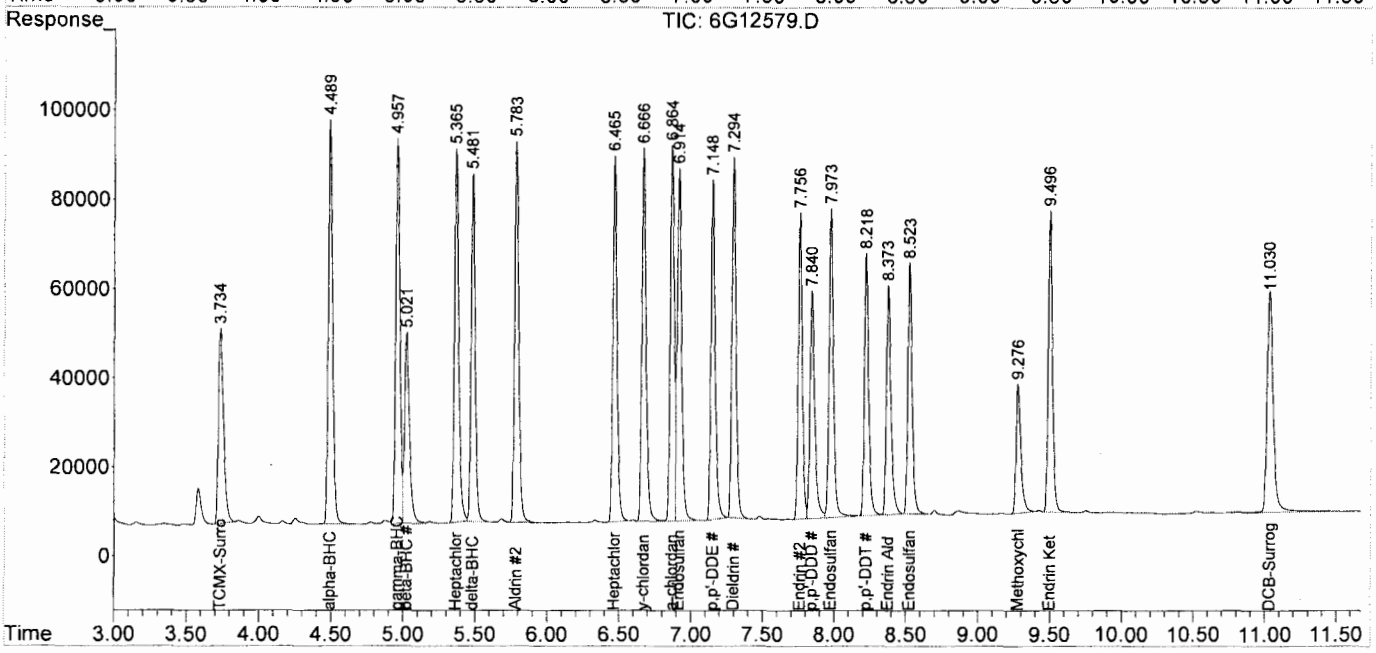
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12579.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 00:47
Operator : JP
Sample : WMB3476(MS)
Misc : A,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:52:23 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12580.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 1:02
Operator : JP
Sample : AC42612-001(T)(MS)
Misc : A,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:24:06 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.696	3.735	1555147	1028814	89.742	86.400
2)alpha-BHC	4.687	4.489	2653226	1796262	103.024	101.522
3)gamma-BHC	5.156	4.957	2504219	1675903	110.509m	110.165
4)beta-BHC	5.990	5.021	1362973	1016508	119.378	106.391
5)Heptachlor	5.426	5.366	2422930	1691164	107.209m	107.824
6)delta-BHC	6.320	5.481	2148384	1499613	99.396	89.794
7)Aldrin	5.776	5.784	2404415	1673358	109.850	107.986
8)Heptachlor Epoxid	6.574	6.466	2320078	1612216	110.518	109.523
9)y-chlordane	6.962	6.667	2751057	1684517	113.940	109.074
10)a-chlordane	7.028	6.864	2517927	1571104	110.189	111.750
11)Endosulfan I	6.926	6.914	1709310	1695488	121.867	110.692
12)p,p'-DDE	7.115	7.148	2211412	1530947	117.149	109.366
13)Dieldrin	7.363	7.294	2241873	1567045	115.978	113.599
14)Endrin	7.620	7.757	2003061	1316545	118.265	111.001
15)p,p'-DDD	8.063	7.841	1691256	1147817	120.000	115.823
16)Endosulfan II	8.183	7.973	2018521	1419960	115.212	110.728
17)p,p'-DDT	8.272	8.218	1572054	1180826	117.739	111.350
18)Endrin Aldehyde	8.675	8.373	1542294	1140087	121.775	122.792
19)Endosulfan Sulfat	9.044	8.523	1677837	1140724	110.078	107.930
20)Methoxychlor	8.974	9.276	899318	665206	116.872	110.701m
21)Endrin Ketone	9.557	9.496	1952598	1375924	119.011	112.957
22)DCB-Surrogate	10.522	11.030	1565284	1464106	109.047	105.821

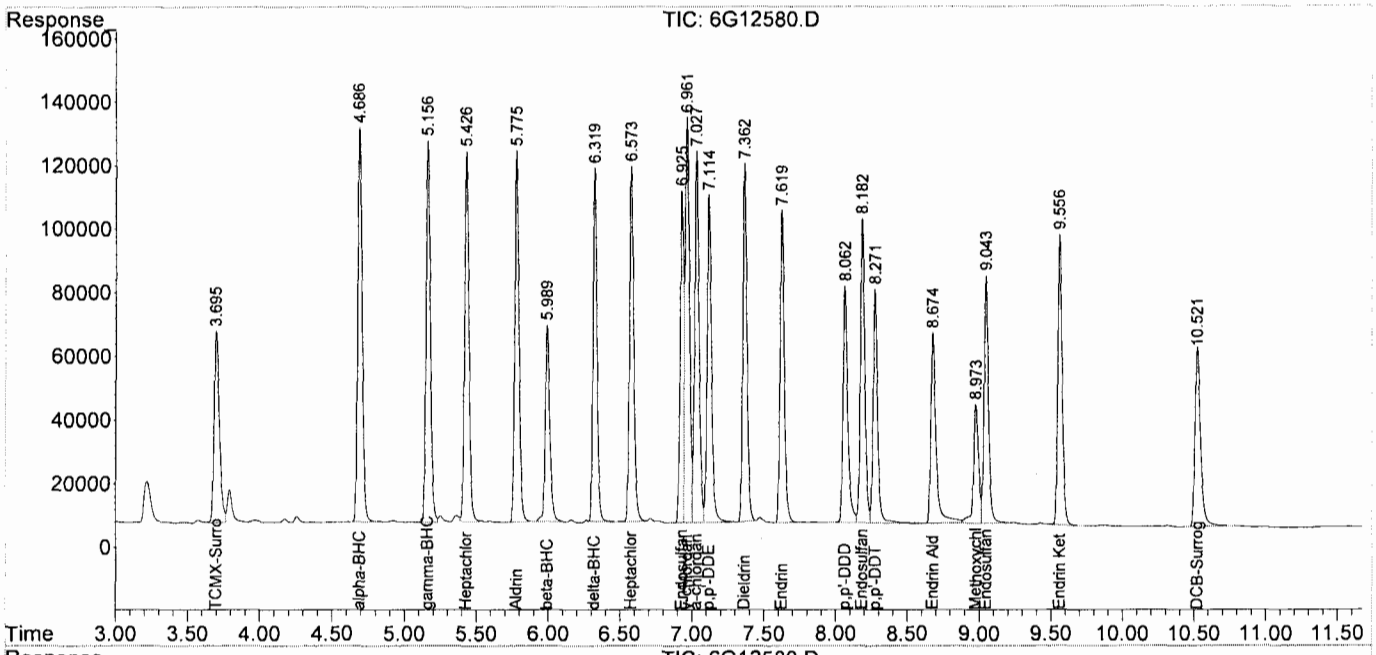
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

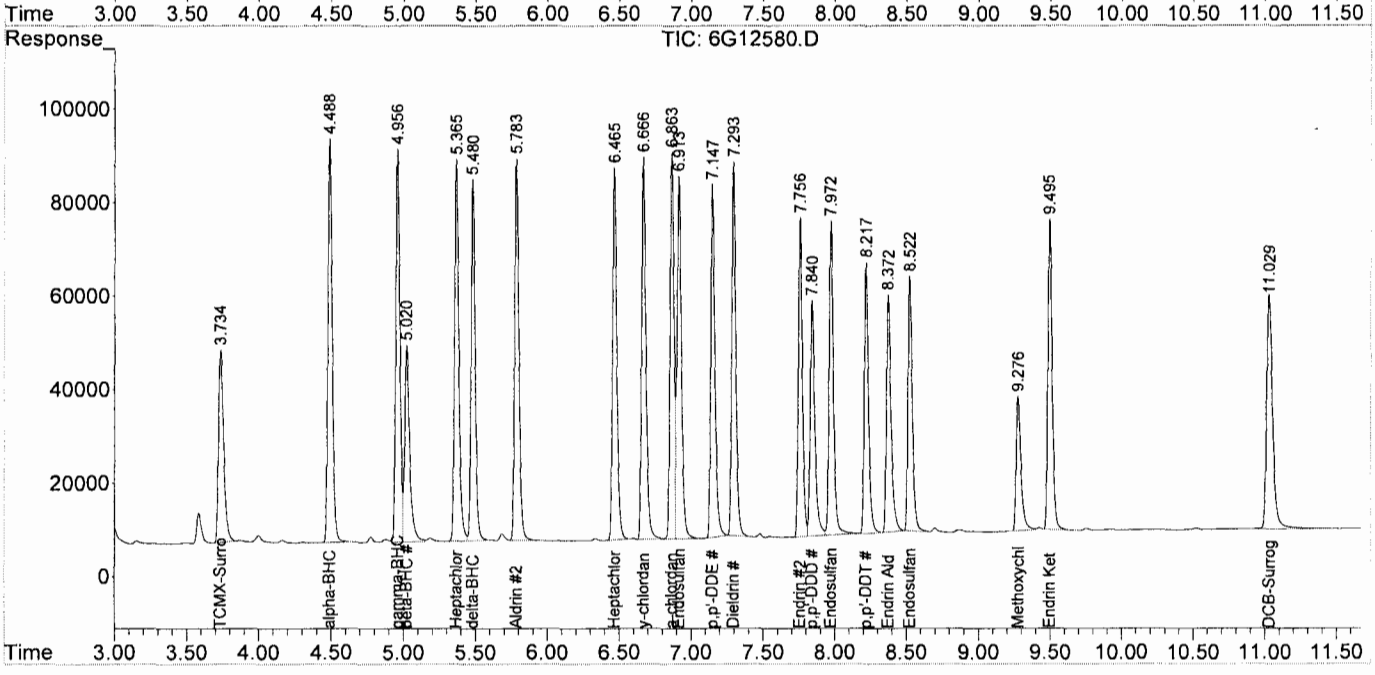
9P

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12580.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 1:02
Operator : JP
Sample : AC42612-001(T)(MS)
Misc : A,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:24:06 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12581.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 1:17
Operator : JP
Sample : AC42612-001(T)(MSD)
Misc : A,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:22:54 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.698	3.736	1405638	939987	81.115	78.940
2)alpha-BHC	4.688	4.490	2493076	1689863	96.805	95.652
3)gamma-BHC	5.158	4.958	2329192	1565720	102.785	102.922
4)beta-BHC	5.990	5.022	1276137	938742	111.773	98.251
5)Heptachlor	5.427	5.367	2277934	1568300	100.793m	99.990
6)delta-BHC	6.320	5.481	2008302	1401945	92.915	83.946
7)Aldrin	5.777	5.784	2260910	1559211	103.294	100.620
8)Heptachlor Epoxid	6.575	6.466	2173376	1501754	103.530	102.019
9)y-chlordane	6.962	6.667	2595143	1569709	107.482	101.640
10)a-chlordane	7.029	6.865	2358303	1470585	103.203	104.600
11)Endosulfan I	6.927	6.915	1606873	1574158	114.564	102.771
12)p,p'-DDE	7.116	7.149	2068235	1418067	109.564	101.302
13)Dieldrin	7.363	7.295	2076734	1454108	107.435	105.412
14)Endrin	7.621	7.756	1889737	1232302	111.574	103.898
15)p,p'-DDD	8.063	7.842	1563141	1054366	110.909	106.772
16)Endosulfan II	8.183	7.974	1903578	1332854	108.651	103.935
17)p,p'-DDT	8.273	8.219	1457759	1092247	109.576	103.304
18)Endrin Aldehyde	8.675	8.374	1462328	1063146	115.461	114.505
19)Endosulfan Sulfat	9.044	8.524	1636255	1059602	107.350	100.254
20)Methoxychlor	8.975	9.278	869582	602357	113.008	100.242
21)Endrin Ketone	9.557	9.497	1848258	1284821	112.652	105.478
22)DCB-Surrogate	10.521	11.029	1462850	1370435	101.911	99.051

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

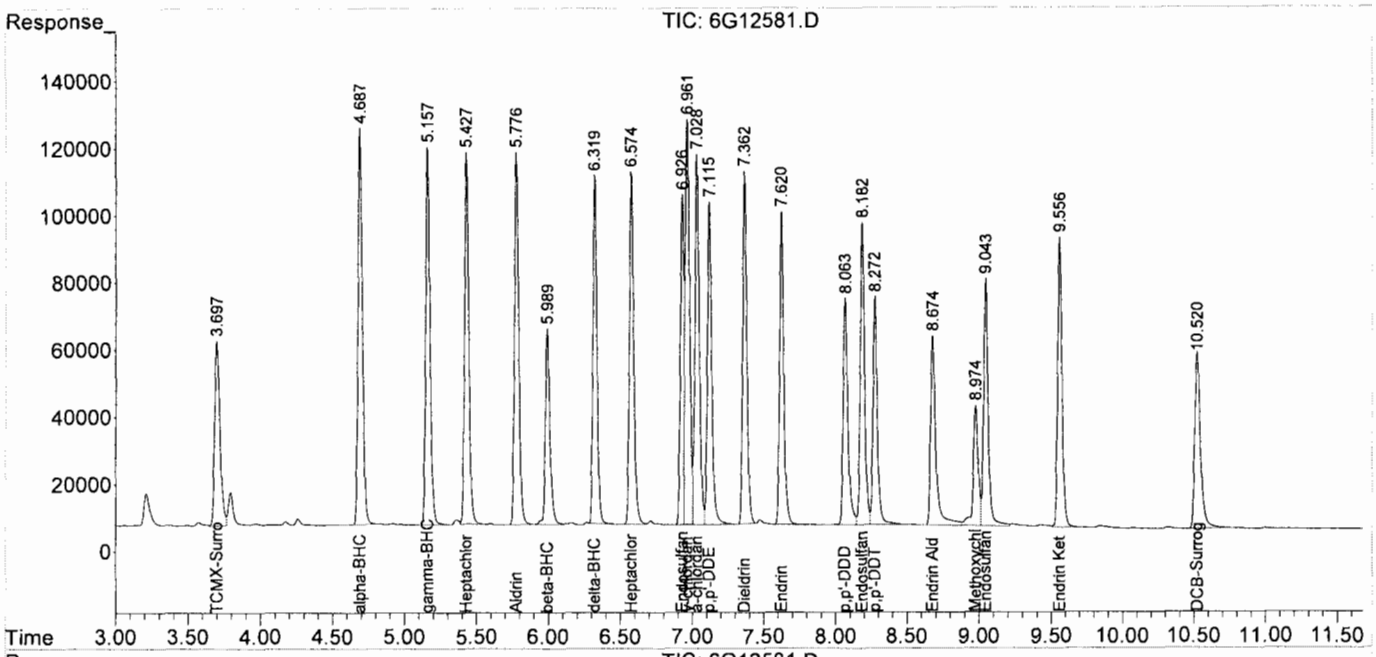
9P

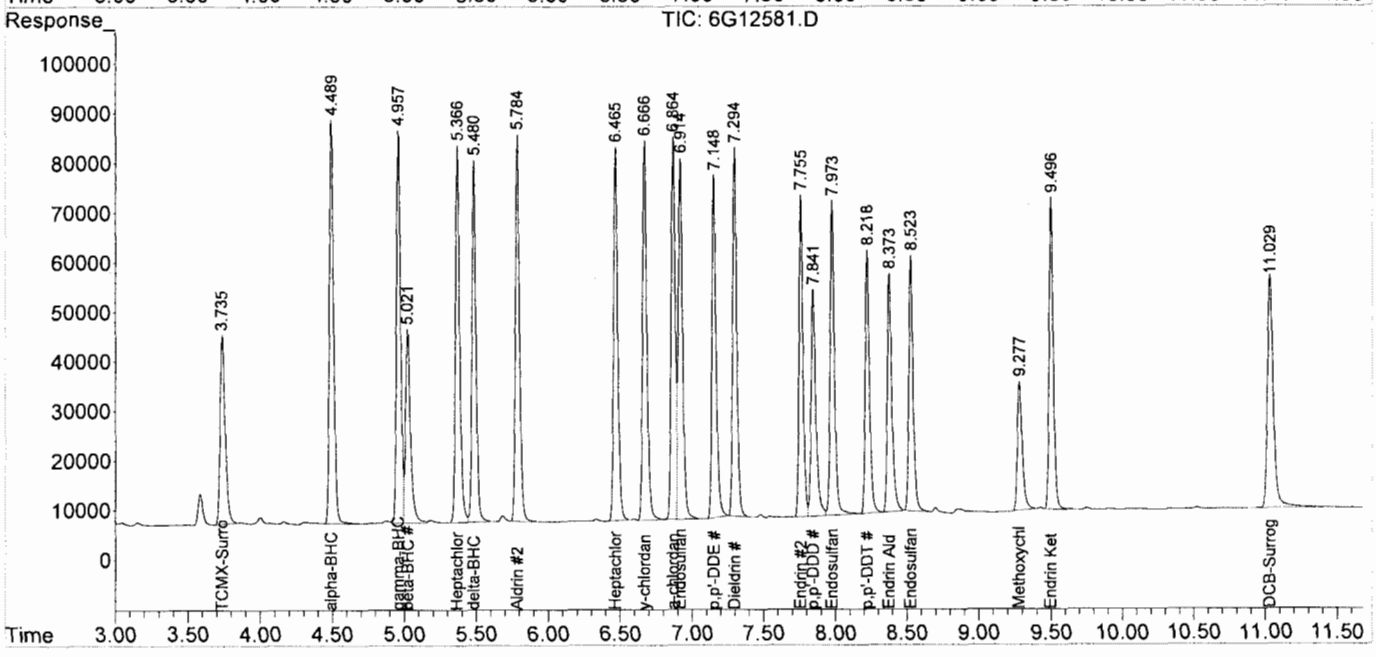
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12581.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 1:17
Operator : JP
Sample : AC42612-001(T)(MSD)
Misc : A,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:22:54 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





FORM 3

Spike Recovery

Batch Number: SMB2176B
Mbs Name: SMB2176B(MS)
Ns Name: AC42866-012
Ms Name: AC42866-012(MS)
Msd Name: AC42866-012(MSD

Mbs File: 6G12741.D
Non Spk'd File: 6G12742.D
Spike File: 6G12743.D
Spike Dup File: 6G12744.D
Matrix: Soil
Method: EPA 8081A

Mbs Date: 02/25/09 01:01
Non Spk'd Date: 02/25/09 01:17
Spike Date : 02/25/09 01:32
Spike Dup Date: 02/25/09 01:47

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	53	136	29	115.75	0.00	109.34	108.35	116	109	108	0.91
gamma-BHC	3	1	0	100	56	129	27	121.83	0.00	109.63	108.41	122	110	108	1.1
beta-BHC	4	1	0	100	40	156	34	129.56	0.00	118.16	119.41	130	118	119	1.1
Heptachlor	5	1	0	100	53	136	33	115.57	0.00	113.09	111.09	116	113	111	1.8
delta-BHC	6	1	0	100	52	124	31	108.79	0.00	101.99	100.24	109	102	100	1.7
Aldrin	7	1	0	100	51	130	34	121.35	0.00	112.51	110.81	121	113	111	1.5
Heptachlor Epoxide	8	1	0	100	56	128	38	115.95	0.00	106.65	103.84	116	107	104	2.7
Endosulfan I	11	1	0	100	50	134	33	129.51	0.00	123.36	122.70	130	123	123	0.54
p,p'-DDE	12	1	0	100	40	164	41	123.66	0.00	119.05	117.90	124	119	118	0.97
Dieldrin	13	1	0	100	52	141	28	119.24	0.00	115.03	114.09	119	115	114	0.82
Endrin	14	1	0	100	56	138	35	127.28	0.00	127.64	123.07	127	128	123	3.6
p,p'-DDD	15	1	0	100	51	157	54	125.56	6.49	138.71	144.56	126	132	138	4.1
Endosulfan II	16	1	0	100	54	129	31	119.01	0.00	111.64	109.95	119	112	110	1.5
p,p'-DDT	17	1	0	100	20	167	32	114.53	87.10	135.86	124.67	115	49	38	8.6
Endrin Aldehyde	18	1	0	100	20	137	45	103.56	0.00	47.28	44.73	104	47	45	5.5
Endosulfan Sulfate	19	1	0	100	55	131	36	112.85	0.00	99.90	98.45	113	100	98	1.5
Methoxychlor	20	1	0	100	35	159	71	113.74	0.00	107.22	106.37	114	107	106	0.8
Endrin Ketone	21	1	0	100	56	134	29	120.89	0.00	111.38	110.77	121	111	111	0.55

Note:

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

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

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-25-09\
Data File : 6G12741.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 1:01
Operator : JP
Sample : SMB2176B(MS)
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 15:58:38 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

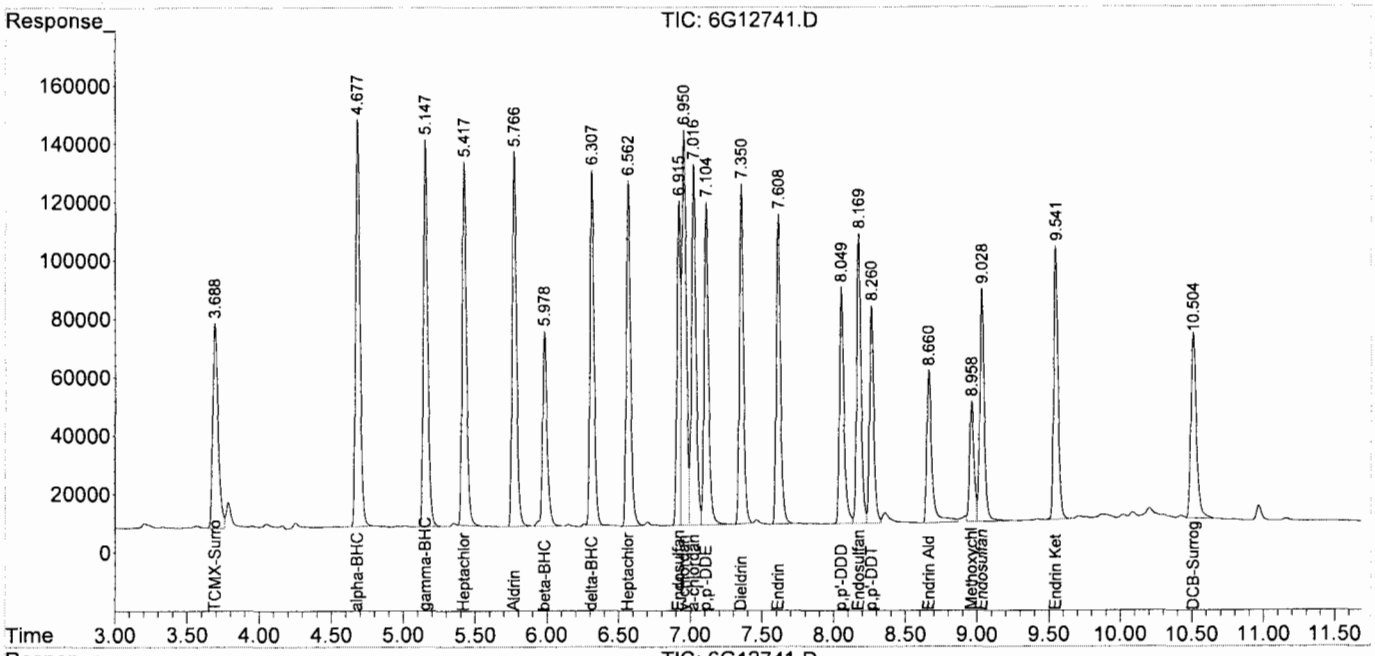
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.689	3.728	1823431	1274217	105.224	107.009
2)alpha-BHC	4.678	4.482	2980907	1996286	115.747	112.510
3)gamma-BHC	5.148	4.950	2760799	1856642	121.832	122.046
4)beta-BHC	5.979	5.016	1479171	1078227	129.556	112.850
5)Heptachlor	5.418	5.359	2611977	1870540	115.574	119.260
6)delta-BHC	6.308	5.474	2351544	1702711	108.795	101.956
7)Aldrin	5.767	5.777	2656028	1823387	121.345	117.668
8)Heptachlor Epoxid	6.563	6.458	2434199	1698794	115.955	115.404
9)y-chlordane	6.950	6.659	2925067	1762588	121.147	114.129
10)a-chlordane	7.017	6.857	2657583	1625396	116.300	115.612
11)Endosulfan I	6.916	6.906	1816464	1779784	129.507	116.195
12)p,p'-DDE	7.104	7.141	2334282	1614870	123.658	115.361
13)Dieldrin	7.351	7.287	2304849	1618687	119.236	117.342
14)Endrin	7.609	7.749	2155760	1432848	127.280	120.806
15)p,p'-DDD	8.050	7.833	1769616	1212025	125.559	122.007
16)Endosulfan II	8.170	7.965	2085104	1499493	119.013	116.930
17)p,p'-DDT	8.260	8.210	1527099	1178110	114.535	111.104
18)Endrin Aldehyde	8.661	8.366	1311560	1020837	103.557	109.948
19)Endosulfan Sulfat	9.029	8.515	1720162	1169945	112.854	110.694
20)Methoxychlor	8.958	9.266	875195	657751	113.737m	109.461
21)Endrin Ketone	9.541	9.486	1983357	1469654	120.886m	120.652m
22)DCB-Surrogate	10.504	11.017	1704680	1577158	118.758m	113.992

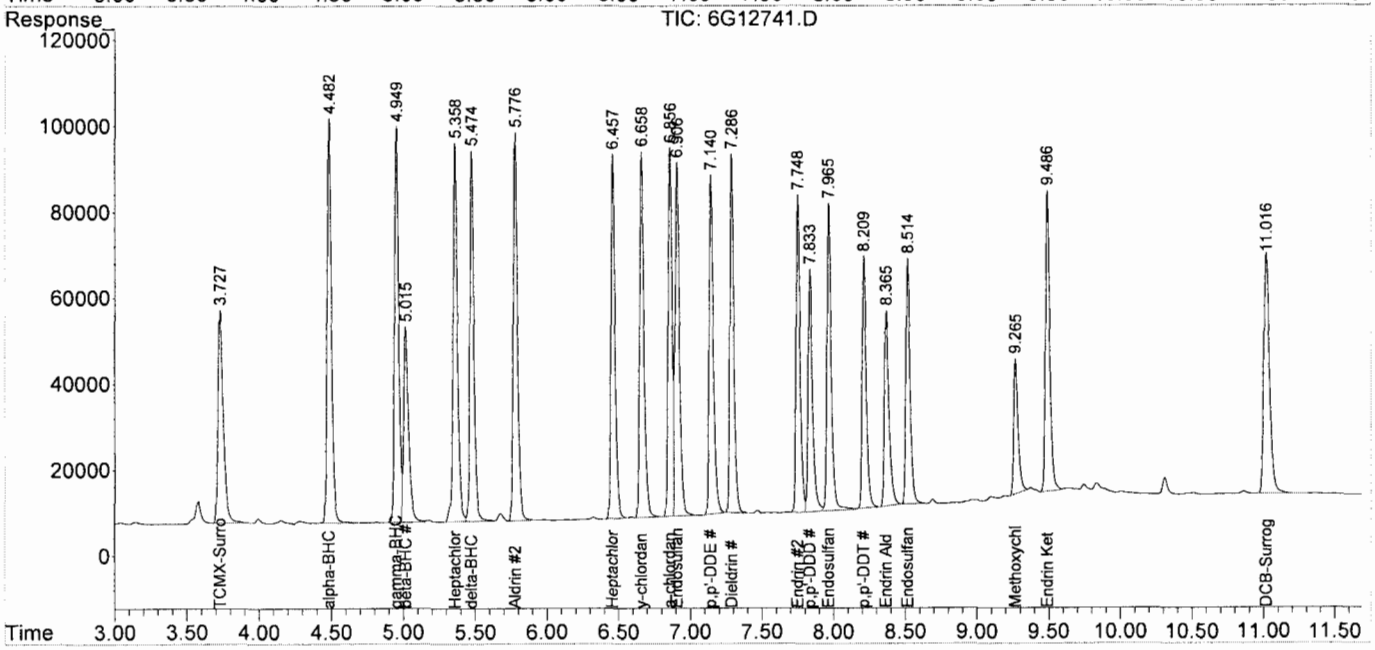
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_6\Data\02-25-09\
Data File : 6G12741.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 1:01
Operator : JP
Sample : SMB2176B(MS)
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 15:58:38 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-25-09\
Data File : 6G12743.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 1:32
Operator : JP
Sample : AC42866-012(MS)
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 09:00:25 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.691	3.729	1777270	1204790	102.560	101.179
2)alpha-BHC	4.679	4.484	2815772	1898606	109.335	107.152
3)gamma-BHC	5.149	4.952	2484382	1742230	109.634	114.525
4)beta-BHC	5.981	5.018	1349061	1004466	118.160	105.130
5)Heptachlor	5.419	5.361	2555770	1785101	113.087	113.813
6)delta-BHC	6.310	5.477	2204539	1600530	101.994	95.837
7)Aldrin	5.767	5.779	2462639	1754986	112.510m	113.254
8)Heptachlor Epoxid	6.565	6.459	2238972	1594760	106.655	108.337m
9)y-chlordane	6.952	6.660	2777736	1742640	115.045	112.838m
10)a-chlordane	7.019	6.858	2495596	1541517	109.211	109.646
11)Endosulfan I	6.917	6.908	1730220	1670314	123.358	109.048
12)p,p'-DDE	7.106	7.142	2247362	1571269	119.054	112.246
13)Dieldrin	7.353	7.287	2223515	1529296	115.028	110.862m
14)Endrin	7.610	7.750	2161888	1380019	127.642	116.352
15)p,p'-DDD	8.051	7.833	1955022	1239813	138.715	124.674
16)Endosulfan II	8.171	7.966	1955915	1388598	111.639	108.282
17)p,p'-DDT	8.261	8.211	1828572	1552336	135.858	144.610
18)Endrin Aldehyde	8.661	8.366	598848	526146	47.283	56.668
19)Endosulfan Sulfat	9.030	8.515	1522706	1103496	99.900	104.407
20)Methoxychlor	8.958	9.266	825048	648174	107.220	107.867
21)Endrin Ketone	9.543	9.487	1827377	1339362	111.379	109.956
22)DCB-Surrogate	10.504	11.016	1690310	1562019	117.757	112.898

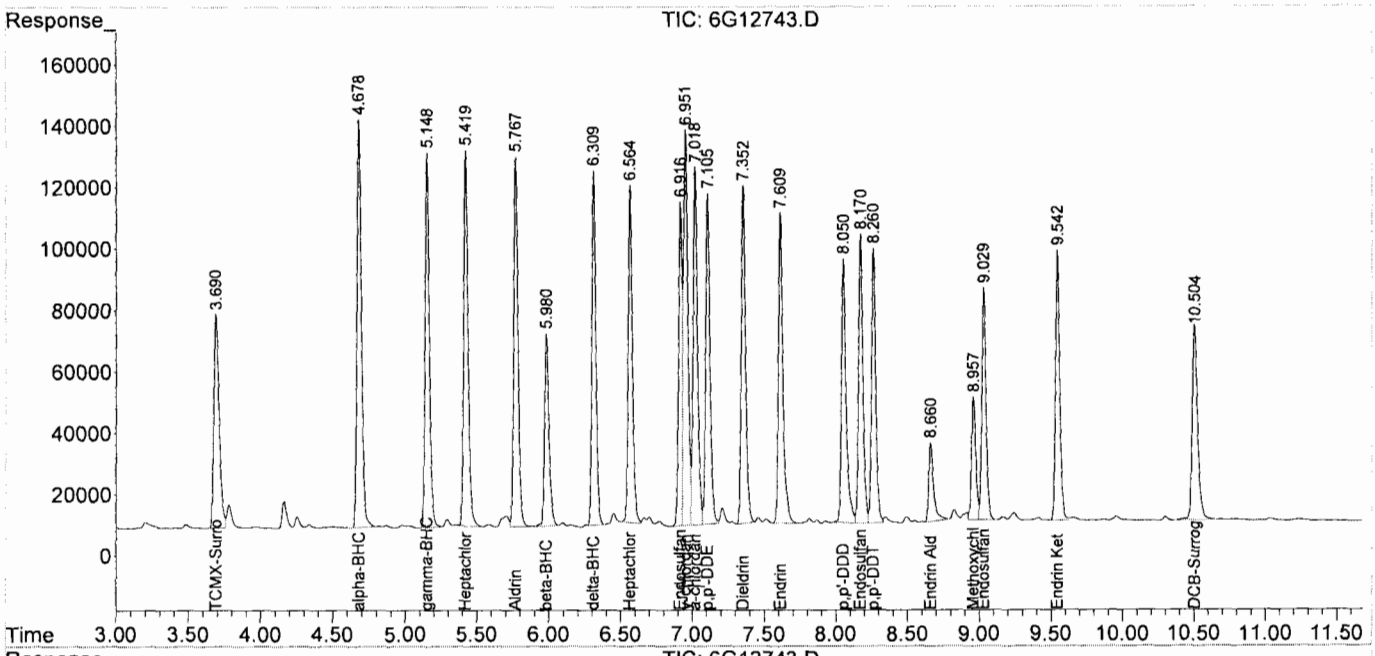
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

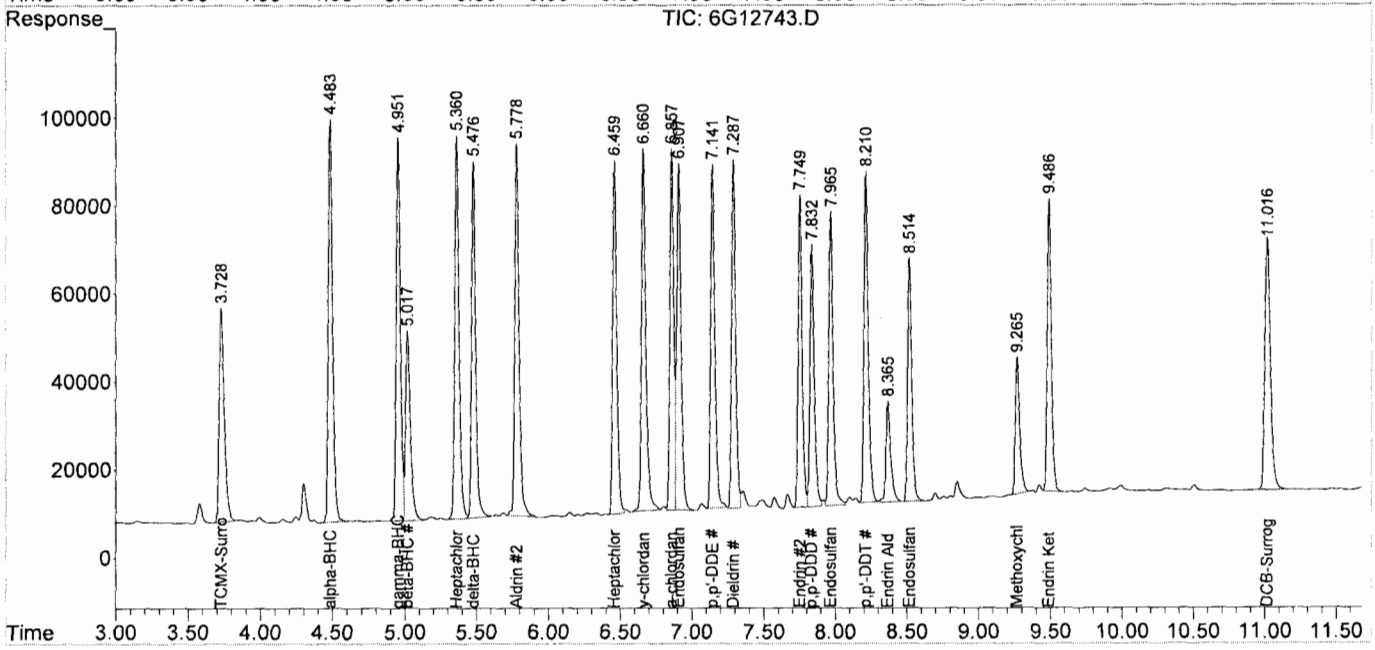
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-25-09\
Data File : 6G12743.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 1:32
Operator : JP
Sample : AC42866-012(MS)
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 09:00:25 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-25-09\
Data File : 6G12744.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 1:47
Operator : JP
Sample : AC42866-012(MSD)
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 09:02:42 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.691	3.729	1729096	1187277	99.780	99.708
2)alpha-BHC	4.679	4.484	2790438	1886685	108.352	106.497
3)gamma-BHC	5.148	4.952	2456645	1730734	108.410	113.770
4)beta-BHC	5.980	5.018	1363349	984182	119.411	103.007
5)Heptachlor	5.419	5.360	2510646	1750327	111.090	111.596
6)delta-BHC	6.309	5.476	2166718	1567559	100.244	93.863
7)Aldrin	5.767	5.778	2425384	1716594	110.808m	110.776
8)Heptachlor Epoxid	6.564	6.458	2179916	1564716	103.842	106.296m
9)y-chlordane	6.951	6.661	2733274	1751327	113.203	113.400
10)a-chlordane	7.018	6.858	2461255	1531234	107.709	108.914
11)Endosulfan I	6.916	6.908	1720925	1651335	122.695	107.809
12)p,p'-DDE	7.105	7.141	2225607	1538578	117.901	109.911m
13)Dieldrin	7.352	7.287	2205373	1513736	114.090	109.734m
14)Endrin	7.610	7.750	2084390	1361545	123.066	114.795
15)p,p'-DDD	8.051	7.833	2037349	1257518	144.556	126.371
16)Endosulfan II	8.171	7.966	1926403	1383465	109.954	107.882
17)p,p'-DDT	8.260	8.210	1669689	1488340	124.668	138.935
18)Endrin Aldehyde	8.660	8.365	566562	479872	44.734	51.684
19)Endosulfan Sulfat	9.030	8.515	1500565	1086670	98.447	102.815
20)Methoxychlor	8.958	9.266	818521	643856	106.372	107.148
21)Endrin Ketone	9.542	9.487	1817406	1324069	110.771	108.700
22)DCB-Surrogate	10.505	11.016	1674631	1537062	116.665	111.094

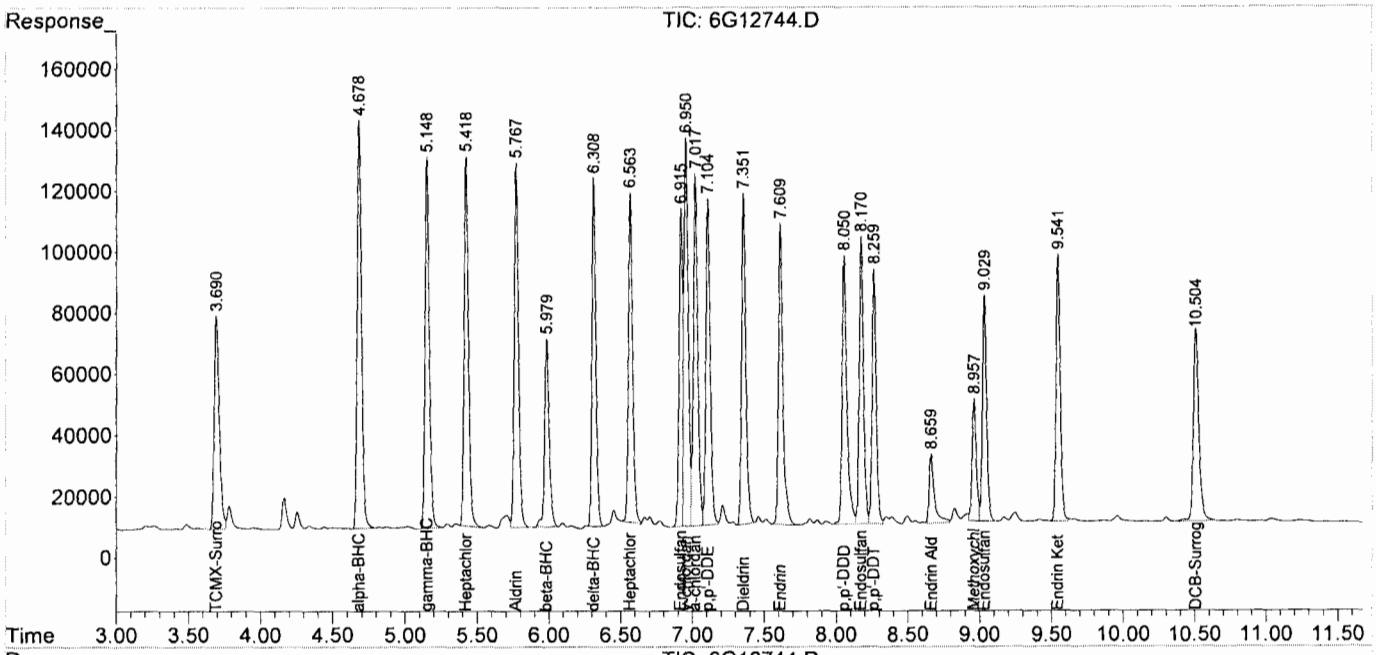
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

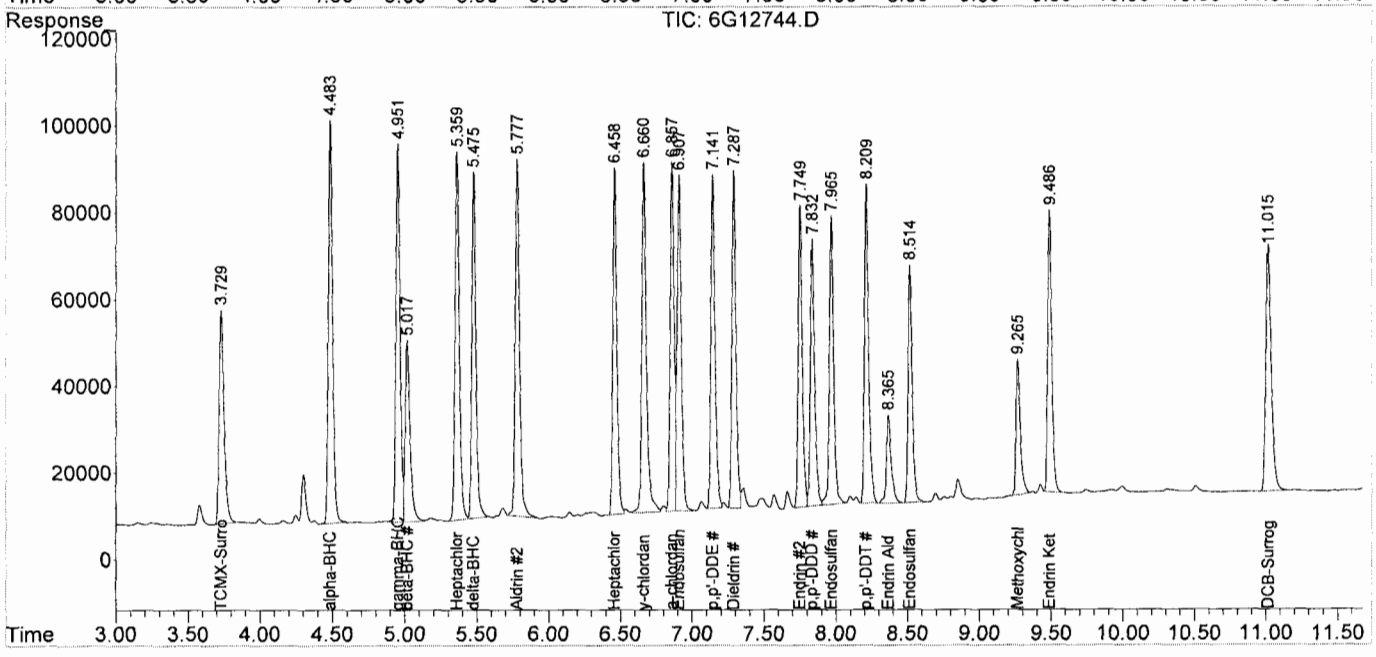
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-25-09\
Data File : 6G12744.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Feb 2009 1:47
Operator : JP
Sample : AC42866-012(MSD)
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 25 09:02:42 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

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





GC Pesticide Data
Logbook Data

Hampton-Clarke/Veritech

Method Blank No. WMB- 3476
Blank Spike (WMBS): 3473, 3476 Pest
Blank Spike (WMBS): 3469 PCB

Date: 2/17/09
Matrix Spike: 42634-001, 42612-001
Matrix Spike: 42538-002

Extraction: Pest (3510C)/ PCB (3510C) / Herb (8151A) / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Extracted By/ Comments	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other					
MB 3476	X	X			1000ml	5ml	MeL Rack #21	42634-001	EPA EF V-59413
MBS 3476	X	X						3	
42683-001	12	12							
42702-001	13	13							
42684-001	14								
42684-002	15								
42684-003	16								
42684-004	17								
42684-005 MeL 2/17	18						42686-001		
42686-002	19							42612-001	
42612-002	20							1	1
MS 42612-001	X				500ml				
MSD 42612-001	X				100ml			2	2
42612-001	1							3	3
42612-003	2				100ml	5ml	MeL		
EFSPLP59413	X								

Cleanup: Acid ___ TBA ___ Copper ___ Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V53079	(Pest) / PCB / Herb/ Other
V	100	V58194	Pest / (PCB) / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V59621	(Pest / PCB) / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCl2 V3858 Acetone _____ Hexane V3793 Na2SO4 V3780 Ether ____

MTBE _____ Other _____

Relinquished By: MSh Date: 2/17/09 Received
By: MSheP Date: 2/18/09

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Method Blank No. WMB- 3484
Blank Spike (WMBS): Pest: 3476
Blank Spike (WMBS): PCB: 3478

Date: 02/24/09
Matrix Spike: Pest: 42612-001
Matrix Spike: PCB: 42729-001

Extraction: Pest (3510C)/ PCB (3510C) / Herb (8151A) / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Extracted By/ Comments	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other					
MB 3484	X	X			1000 ml	5.0 ml	KR	42634	EF-1
MBS 3484	X	X			↓	↓	↓	-001	V-61190
42858-006	16	2			950 ml				
42858-009	17	3			950 ml				
42858-012	18	4			1000 ml				
42833-007	19	5			100 ml			.6	1
42806-051		6			920 ml				
EF-1 V-61190	X				100 ml	↓	↓		

KL 02/24/09

Rerun #4 ↓

Cleanup: Acid ___ TBA ___ Copper ___ Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	100	V-58194	Pest / PCB / Herb/ Other
↓	10	V-53079	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V-59621	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCL2 V-3858 Acetone V-3762 Hexane V-3792 Na2SO4 V-3780 Ether ___

MTBE ___ Other ___

Relinquished By: KR. Date: 02/24/09 Received By: [signature] Date: 2/25/09

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ASE EXTRACTION – Method 3545

Method Blank No. SMB- 2178B
Blank Spike (SMBS): PEST 2176B
Blank Spike (SMBS): PCB 2178B

Date: 02/25/9
Matrix Spike: 42866-02
Matrix Spike: 42861-002

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments	
	Pest	PCB	Herb	Other				Cell#
MB 2178B	X	X			20g	10ml	jl / 1 / ACE#3	17
MBS 2178B	X	X					/ 2,3 /	8,9
MS 42861-002		X					/ 4 /	26
MSD 42861-002		X					/ 5 /	27
42861-002	9	1					/ 6 /	28
42868-001	10	2					/ 7 /	29
42868-002	11	3					/ 8 /	30
42868-003	12	4					/ 9 /	31
42868-004	13	5					/ 10 /	32
42868-005	14	6					/ 11 /	33
jl 2/25/9 42860-001	15	7					/ 1 / ACE#1	34
42860-002	16	8					/ 2 /	35
42860-003	17	9					/ 3 /	36
42875-001	18	10					/ 4 /	37
42838-001		11					/ 5 /	38
42838-002		12					/ 6 /	39
42838-003		13					/ 7 /	40
42838-004		14					/ 8 /	41
42854-001		15					/ 9 /	42
42856-001		16					/ 10 /	43
42870-001		17					/ 11 /	44
42874-001		18					/ 12 /	46
42880-001		19			↓	↓	/ 13 /	47
							/ /	
							/ /	
							/ /	
							/ /	
							/ /	
							/ /	
							/	

Cleanup: Acid X TBA ___ Copper X Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/~~ppb~~)	Lot No.	
100	100	V58194	Pest / (PCB) / Herb / Other
↓	10	V53079	↓

Surrogate Standard

Vol (ul's)	Conc. (ppm/~~ppb~~)	Lot No.	
100	10	V59621	Pest / PCB / Herb / Other

Reagent Lots: MeCL2 _____ Acetone V3791 Hexane V3793 Na2SO4 _____ Ether ___
MTBE _____ Other _____

Relinquished By: jl
Received By: [signature]

Date: 2/25/9
Date: 2/25/09

ASE EXTRACTION – Method 3545

Method Blank No. SMB- 21763
Blank Spike (SMBS): Pest: 21743, 21763
Blank Spike (SMBS): PCB: 21753, 21763

Date: 02/24/2009
Matrix Spike: Pest: 42792-016, 42866-012
Matrix Spike: PCB: 42833-007, 42866-004

Analysis: Pest / PCB / ~~Herb / Other~~

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments			
	Pest	PCB	Herb	Other					ASE	CELL RACK 43
MB 21763	x	x			20g	10 mL	CV	1	III	17
MBS 21763	x	x						2, 3	↓	8, 9
42815-001	6	15						10	I	16
42815-002	7	16						11		12
42815-003	8	17						12		30
42815-004	9	18						13	↓	14
42866-001	10	19						10	III	4
42866-002	11	20						12		19
MS 42866-004		x						6		18
MSD 42866-004		x						7		5
42866-004	12	1						8		29
42866-003	13	2						13		3
42866-005	14	3						14	↓	21
42866-006	15	4						1	I	20
42866-007	16	5						2		24
42866-008	17	6						3		22
42866-009	18	7						4		28
42866-010	19	8						5		25
42866-011	20	9						6	↓	31
MS 42866-012	x							4	III	32
MSD 42866-012	x							5		6
42866-012	1	10						9	↓	27
42845-001	2	11						7	ASE I	13
42845-002	3	12						8		26 RACK 44
42845-003	4	13						9	↓	33
42845-004	5	14						11	ASE III	34

Cleanup: Acid ✓ TBA ___ Copper ✓ Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/~~ppb~~)	Lot No.	
100	100	58194	Pest / (PCB) / Herb / Other
100	10	53079	↓

Surrogate Standard

Vol (ul's)	Conc. (ppm/~~ppb~~)	Lot No.	
100	10	59621	Pest / PCB / ~~Herb / Other~~

Reagent Lots: MeCL2 _____ Acetone 3791 Hexane 3793 Na2SO4 _____ Ether ___
MTBE _____ Other ___

Relinquished By: _____ Date: 02/24/2009
Received By: _____ Date: 2/25/09

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RUN LOG

1-1-6G12334

Instrument: GC_6 Year: 2009
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6G12334.	CAL EVAL	Ee1=3.3:Ee2=5.9:	OK,V-58332	JP		Soil	1	1	8081	02/09 23:01
6G12335.	CAL PEST@400PPB	C16C26C18C28	MOT USED	JP		Soil	1	1	608 8081	02/09 23:16
6G12336.	CAL PEST@2PPB	C16C26C18C28	MOT USED	JP		Soil	1	1	608 8081	02/09 23:31
6G12337.	CAL PEST@10PPB	C16C26C18C28	MOT USED	JP		Soil	1	1	608 8081	02/09 23:46
6G12338.	CAL PEST@50PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 00:01
6G12339.	CAL PEST@100PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 00:16
6G12340.	CAL PEST@200PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 00:32
6G12341.	CAL PEST@400PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 00:47
6G12342.	CAL PEST@2PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 01:02
6G12343.	CAL PEST@10PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 01:17
6G12344.	CAL CHLO@100PPB		OK,V-53330	JP		Soil	1	1	608 8081	02/10 01:32
6G12345.	CAL TOX@500PPB		OK,V-53328	JP		Soil	1	1	608 8081	02/10 01:47
6G12346.	ICV		OK,V-53316	JP		Soil	1	1	8081	02/10 02:02
6G12347.	CAL EVAL	Ee1=4.9:Ee2=5.9:	OK	JP		Soil	1	1	8081	02/10 02:17
6G12348.	SMB2161B		OK	JP		Soil	1	1	8081	02/10 02:32
6G12349.	SMB2161B(MS)		RR,OK	JP		Soil	1	1	8081	02/10 02:48
6G12350.	SMB2162B		OK	JP		Soil	1	1	8081	02/10 03:03
6G12351.	SMB2162B(MS)		OK SMB2162B	JP		Soil	1	1	8081	02/10 03:18
6G12352.	AC42499-008		OK	JP	PE-8081	Soil	1	1	8081	02/10 03:33
6G12353.	AC42499-014		OK	JP	PE-8081	Soil	1	1	8081	02/10 03:48
6G12354.	AC42499-016		OK	JP	PE-8081	Soil	1	1	8081	02/10 04:03
6G12355.	AC42499-017		OK	JP	PE-8081	Soil	1	1	8081	02/10 04:18
6G12356.	AC42499-018		OK	JP	PE-8081	Soil	1	1	8081	02/10 04:33
6G12357.	AC42499-019		OK	JP	PE-8081	Soil	1	1	8081	02/10 04:48
6G12358.	AC42499-020		OK	JP	PE-8081	Soil	1	1	8081	02/10 05:03
6G12359.	AC42499-021		OK	JP	PE-8081	Soil	1	1	8081	02/10 05:18
6G12360.	AC42546-001		OK	JP	PE-8081	Soil	1	1	8081	02/10 05:34
6G12361.	AC42546-002		OK	JP	PE-8081	Soil	1	1	8081	02/10 05:49
6G12362.	AC42546-003		OK	JP	PE-8081	Soil	1	1	8081	02/10 06:04
6G12363.	AC42546-004		OK	JP	PE-8081	Soil	1	1	8081	02/10 06:19
6G12364.	AC42546-005		OK	JP	PE-8081	Soil	1	1	8081	02/10 06:34
6G12365.	AC42499-007		OK	JP	PE-8081	Soil	1	1	8081	02/10 06:49
6G12366.	AC42499-006		RR 2X,OK	JP	PE-8081	Soil	1	1	8081	02/10 07:04
6G12367.	CAL PEST@200PPB		OK,V-53323, V-53322	JP		Soil	0.25	1	608 8081	02/10 08:22
6G12368.	CAL EVAL	Ee1=1.2:Ee2=3.4:	OK	JP		Soil	1	1	8081	02/10 09:08
6G12369.	AC42524-003		OK	JP	PE-8081	Soil	1	1	8081	02/10 09:34
6G12370.	AC42524-003(MS)		OK	JP	PE-8081	Soil	1	1	8081	02/10 09:49
6G12371.	AC42524-003(MSD)		OK	JP	PE-8081	Soil	1	1	8081	02/10 10:04
6G12372.	AC42524-001		OK	JP	PE-8081	Soil	1	1	8081	02/10 10:23
6G12373.	AC42524-002		OK	JP	PE-8081	Soil	1	1	8081	02/10 10:38
6G12374.	AC42524-004		OK	JP	PE-8081	Soil	1	1	8081	02/10 10:54
6G12375.	AC42524-005		OK	JP	PE-8081	Soil	1	1	8081	02/10 11:09
6G12376.	AC42524-006		OK	JP	PE-8081	Soil	1	1	8081	02/10 11:26
6G12377.	AC42524-007		OK	JP	PE-8081	Soil	1	1	8081	02/10 11:41
6G12378.	AC42524-008		OK	JP	PE-8081	Soil	1	1	8081	02/10 11:56
6G12379.	AC42524-009		OK	JP	PE-8081	Soil	1	1	8081	02/10 12:14
6G12380.	AC42524-010		OK	JP	PE-8081	Soil	1	1	8081	02/10 12:30
6G12381.	AC42524-011		OK	JP	PE-8081	Soil	1	1	8081	02/10 12:45
6G12382.	AC42524-012		OK	JP	PE-8081	Soil	1	1	8081	02/10 13:00
6G12383.	AC42524-013		OK	JP	PE-8081	Soil	1	1	8081	02/10 13:15
6G12384.	AC42524-014		OK	JP	PE-8081	Soil	1	1	8081	02/10 13:30
6G12385.	AC42499-006(2X)		USE STRAIGHT RUN	JP	PE-8081	Soil	2	2	8081	02/10 13:45
6G12386.	CAL PEST@200PPB	C26	OK	JP		Soil	0.25	1	608 8081	02/10 14:35
6G12387.	MBS2161B		RR MBS2161B	JP		Soil	1	1	8081	02/10 14:54
6G12388.	MBS2163B		RR MBS2163B	JP		Soil	1	1	8081	02/10 15:09
6G12389.	MBS2161B		RR MBS2161B	JP		Soil	1	1	8081	02/10 15:25
6G12390.	SMB2163B		OK	JP		Soil	1	1	8081	02/10 15:40
6G12391.	CAL PEST@200PPB	C16C26	OK	JP		Soil	0.25	1	608 8081	02/10 16:29

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing drlt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calcnt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endrin Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1n D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eha	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checkion Prep/ruodates modcheckpreporund	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-5G20470

Instrument: GC_5 Year: 2005
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5G20470.	CAL EVAL	Ee1=2.4:Ee2=3.9:	OK,V-58332	JP		Aqueous	1	1	608 8081	02/13 08:43
5G20471.	CAL PEST@200PPB		OK,V-53323, V-53322	JP		Aqueous	0.25	1	608 8081	02/13 09:59
5G20472.	200PPB	C8f	NOT USED	JP		Aqueous	0.25	1	608 8081	02/13 10:31
5G20473.	TEST	C8fS6S8	NOT USED	jp		Aqueous	1	1	608 8081	02/13 11:14
5G20474.	CAL EVAL	Ee1=2.9:Ee2=3.5:	OK,OK,V-58332	jp		Aqueous	1	1	608 8081	02/13 11:35
5G20475.	CAL PEST@400PPB	C16C26C18C28	NOT USED	jp		Aqueous	1	1	608 8081	02/13 11:53
5G20476.	CAL PEST@2PPB	C16C26C18C28	NOT USED	jp		Aqueous	1	1	608 8081	02/13 12:11
5G20477.	CAL PEST@10PPB	C16C26C18C28	NOT USED	jp		Aqueous	1	1	608 8081	02/13 12:30
5G20478.	CAL PEST@50PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 12:48
5G20479.	CAL PEST@100PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 13:06
5G20480.	CAL PEST@200PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 13:24
5G20481.	CAL PEST@400PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 13:42
5G20482.	CAL PEST@2PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 15:57
5G20483.	CAL PEST@10PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 16:16
5G20484.	CAL CHLOR@100PPB		OK,OK,V-53330	jp		Aqueous	1	1	608 8081	02/13 16:37
5G20485.	CAL TOX@500PPB		OK,OK,V-53328	jp		Aqueous	1	1	608 8081	02/13 16:55
5G20486.	ICV		OK,OK,V-53316	jp		Aqueous	1	1	608 8081	02/13 17:14
5G20487.	CAL EVAL	Ee1=4:Ee2=5.1:Ed	OK	JP		Aqueous	1	1	608 8081	02/13 17:37
5G20488.	AC42651-004		OK	JP	PE-608	Aqueous	1	1	608	02/13 17:55
5G20489.	AC42651-005		OK	JP	PE-608	Aqueous	1	1	608	02/13 18:14
5G20490.	AC42651-006		OK	JP	PE-608	Aqueous	1	1	608	02/13 18:32
5G20491.	AC42651-007		OK	JP	PE-608	Aqueous	1	1	608	02/13 18:50
5G20492.	AC42651-008		OK	JP	PE-608	Aqueous	1	1	608	02/13 19:08
5G20493.	AC42651-009		OK	JP	PE-608	Aqueous	1	1	608	02/13 19:26
5G20494.	AC42651-010		OK	JP	PE-608	Aqueous	1	1	608	02/13 19:45
5G20495.	AC42651-011		OK	JP	PE-608	Aqueous	1	1	608	02/13 20:03
5G20496.	AC42651-012		OK	JP	PE-608	Aqueous	1	1	608	02/13 20:21
5G20497.	AC42644-002(T)		OK	JP	PETCLP-808	Aqueous	1	1	8081	02/13 20:39
5G20498.	CAL PEST@200PPB		OK,OK,V-53322	JP		Aqueous	0.25	1	608 8081	02/13 20:57
5G20499.	400PPB	Cme	NOT USED	JP		Aqueous	0.125	1	608 8081	02/13 21:15

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Snlvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or andrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckprepruncls	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GC_5 Year: 2005
Analyst: JP

1-1-5G20749

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5G20749.	CAL EVAL	Ee1=2.8:Ee2=3.1:	OK,V-58332	JP		Aqueous	1	1	608 8081	02/25 08:26
5G20750.	CAL PEST@100PPB		OK,V-53323, V-53322	JP		Aqueous	0.5	1	608 8081	02/25 09:11
5G20751.	WMB3484		OK	JP		Aqueous	1	1	608 8081	02/25 09:31
5G20752.	WMB3484(MS)		OK	JP		Aqueous	1	1	608 8081	02/25 09:49
5G20753.	AC42833-007(T)		OK	JP	PETCLP-808	Aqueous	1	1	8081	02/25 10:07
5G20754.	AC42868-006		OK	JP	PE-608	Aqueous	1	1	608	02/25 10:25
5G20755.	AC42868-009		OK	JP	PE-608	Aqueous	1	1	608	02/25 10:44
5G20756.	AC42868-012		OK	JP	PE-608	Aqueous	1	1	608	02/25 11:02
5G20757.	EF-1 V-61190		OK	JP		Aqueous	1	1	8081	02/25 11:20
5G20758.	SMB2177B		OK	JP		Soil	1	1	8081	02/25 11:38
5G20759.	SMB2177B(MS)		OK	JP		Soil	1	1	8081	02/25 11:56
5G20760.	CAL PEST@200PPB		OK	JP		Soil	0.25	1	608 8081	02/25 12:59
5G20761.	SMB2178B		OK	JP		Soil	1	1	8081	02/25 14:00
5G20762.	SMB2178B(MS)		OK SMB2178B	JP		Soil	1	1	8081	02/25 14:19
5G20763.	AC42868-001		OK	JP	PE-8081	Soil	1	1	8081	02/25 14:37
5G20764.	AC42868-002		OK	JP	PE-8081	Soil	1	1	8081	02/25 14:55
5G20765.	CAL PEST@200PPB		OK	JP		Soil	0.25	1	608 8081	02/25 15:13

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rpd Out on MsMsd (col1 and nr col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18.R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endrin Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method.	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6G12737

Instrument: GC_6 Year: 2005
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6G12737.	CAL EVAL	Ee1=1.8:Ee2=2.5:	OK,OK,V-58332	JP		Soil	1	1	8081	02/25 00:01
6G12738.	100PPB	Cn	NOT USED	JP		Soil	0.5	1	8081	02/25 00:16
6G12739.	CAL PEST@400PPB		OK,OK,V-53322, V-53321	JP		Soil	0.125	1 608	8081	02/25 00:31
6G12740.	SMB2176B		OK	JP		Soil	1	1	8081	02/25 00:46
6G12741.	SMB2176B(MS)		OK SMB2176B	JP		Soil	1	1	8081	02/25 01:01
6G12742.	AC42866-012		OK	JP	PE-8081	Soil	1	1	8081	02/25 01:17
6G12743.	AC42866-012(MS)		OK SMB2176B	JP	PE-8081	Soil	1	1	8081	02/25 01:32
6G12744.	AC42866-012(MSD)		OK SMB2176B	JP	PE-8081	Soil	1	1	8081	02/25 01:47
6G12745.	AC42815-001		OK	JP	PE-8081	Soil	1	1	8081	02/25 02:02
6G12746.	AC42815-002		OK	JP	PE-8081	Soil	1	1	8081	02/25 02:17
6G12747.	AC42815-003		OK	JP	PE-8081	Soil	1	1	8081	02/25 02:32
6G12748.	AC42815-004		OK	JP	PE-8081	Soil	1	1	8081	02/25 02:47
6G12749.	AC42845-001		OK	JP	PE-8081	Soil	1	1	8081	02/25 03:02
6G12750.	AC42845-002		OK	JP	PE-8081	Soil	1	1	8081	02/25 03:17
6G12751.	AC42845-003		OK	JP	PE-8081	Soil	1	1	8081	02/25 03:33
6G12752.	AC42845-004		OK	JP	PE-8081	Soil	1	1	8081	02/25 03:48
6G12753.	AC42866-006		OK	JP	PE-8081	Soil	1	1	8081	02/25 04:03
6G12754.	AC42866-007		OK	JP	PE-8081	Soil	1	1	8081	02/25 04:18
6G12755.	AC42866-010		OK	JP	PE-8081	Soil	1	1	8081	02/25 04:33
6G12756.	AC42866-011		OK	JP	PE-8081	Soil	1	1	8081	02/25 04:48
6G12757.	AC42866-001		OK	JP	PE-8081	Soil	1	1	8081	02/25 05:03
6G12758.	AC42866-002		OK	JP	PE-8081	Soil	1	1	8081	02/25 05:18
6G12759.	CAL PEST@200PPB	C26	OK	JP		Soil	0.25	1 608	8081	02/25 09:39
6G12760.	CAL EVAL	Ee1=3.8:Ee2=5.9:	OK	JP		Soil	1	1	8081	02/25 09:54
6G12761.	AC42859-001		OK	JP	PE-8081	Soil	1	1	8081	02/25 10:18
6G12762.	AC42859-003		OK	JP	PE-8081	Soil	1	1	8081	02/25 10:33
6G12763.	AC42859-005		OK	JP	PE-8081	Soil	1	1	8081	02/25 10:48
6G12764.	AC42866-004		OK	JP	PE-8081	Soil	1	1	8081	02/25 11:09
6G12765.	AC42866-005		OK	JP	PE-8081	Soil	1	1	8081	02/25 11:24
6G12766.	AC42866-008		OK	JP	PE-8081	Soil	1	1	8081	02/25 12:03
6G12767.	AC42866-009		OK	JP	PE-8081	Soil	1	1	8081	02/25 12:24
6G12768.	AC42866-003		OK	JP	PE-8081	Soil	1	1	8081	02/25 12:39
6G12769.	400PPB		NOT USED	JP		Soil	0.125	1	8081	02/25 14:46
6G12770.	CAL PEST@400PPB	C26	OK	JP		Soil	0.125	1 608	8081	02/25 15:39

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endmo Cal missing for sample (8000 series)	Iw	Initial cal warning .ini cal file <> method	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1n,D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckprepruns	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibratio
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6G12535

Instrument: GC_6 Year: 20
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil		Method(s)	Analysis Date
6G12535.	CAL EVAL	Ee1=2.3:Ee2=3.1:	OK,V-58332	JP		Soil	1	1		8081	02/18 02:01
6G12536.	CAL PEST@100PPB		OK,V-53323, V-53322	JP		Soil	0.5	1	608	8081	02/18 02:16
6G12537.	200PPB		NOT USED	JP		Soil	0.25	1		8081	02/18 02:31
6G12538.	AC42703-001		OK	JP	PE-8081	Soil	1	1		8081	02/18 02:46
6G12539.	AC42703-002		OK	JP	PE-8081	Soil	1	1		8081	02/18 03:01
6G12540.	AC42703-003		OK	JP	PE-8081	Soil	1	1		8081	02/18 03:17
6G12541.	AC42703-004		OK	JP	PE-8081	Soil	1	1		8081	02/18 03:32
6G12542.	AC42703-005		OK	JP	PE-8081	Soil	1	1		8081	02/18 03:47
6G12543.	AC42703-006		OK	JP	PE-8081	Soil	1	1		8081	02/18 04:02
6G12544.	AC42703-007		OK	JP	PE-8081	Soil	1	1		8081	02/18 04:17
6G12545.	AC42703-008		OK	JP	PE-8081	Soil	1	1		8081	02/18 04:32
6G12546.	AC42703-009		OK	JP	PE-8081	Soil	1	1		8081	02/18 04:47
6G12547.	AC42703-010		OK	JP	PE-8081	Soil	1	1		8081	02/18 05:02
6G12548.	AC42706-001		OK	JP	PE-8081	Soil	1	1		8081	02/18 05:17
6G12549.	AC42706-002		OK	JP	PE-8081	Soil	1	1		8081	02/18 05:33
6G12550.	AC42706-003		OK	JP	PE-8081	Soil	1	1		8081	02/18 05:48
6G12551.	AC42706-004		OK	JP	PE-8081	Soil	1	1		8081	02/18 06:03
6G12552.	AC42706-005		OK	JP	PE-8081	Soil	1	1		8081	02/18 06:18
6G12553.	AC42706-006		OK	JP	PE-8081	Soil	1	1		8081	02/18 06:33
6G12554.	AC42706-007		OK	JP	PE-8081	Soil	1	1		8081	02/18 06:48
6G12555.	CAL PEST@200PPB		OK	JP		Soil	0.25	1	608	8081	02/18 08:09
6G12556.	WMB3476		OK	JP		Aqueous	1	1	608	8081	02/18 08:32
6G12557.	WMB3476(MS)		RR WMB3476	JP		Aqueous	1	1	608	8081	02/18 08:47
6G12558.	CAL EVAL	Ee1=1.9:Ee2=1.4:	OK	JP		Aqueous	1	1	608	8081	02/18 09:02
6G12559.	AC42702-001		OK,REX	JP	PE-608	Aqueous	1	1	608		02/18 09:17
6G12560.	AC42684-001		OK	JP	PE-608	Aqueous	1	1	608		02/18 09:32
6G12561.	AC42684-002		OK	JP	PE-608	Aqueous	1	1	608		02/18 09:47
6G12562.	AC42684-003		RR 20X	JP	PE-608	Aqueous	1	1	608		02/18 10:02
6G12563.	AC42684-004		OK	JP	PE-608	Aqueous	1	1	608		02/18 10:17
6G12564.	AC42686-001		OK	JP	PE-608	Aqueous	1	1	608		02/18 10:32
6G12565.	AC42686-002		OK	JP	PE-608	Aqueous	1	1	608		02/18 10:47
6G12566.	AC42684-003(20X)		OK	JP	PE-608	Aqueous	20	20	608		02/18 11:10
6G12567.	AC42612-001(T)		OK	JP	PESPLP-808	Aqueous	1	1		8081	02/18 11:28
6G12568.	AC42612-001(T)(MS)	TmwMnc	RR	JP	PESPLP-808	Aqueous	1	1	608	8081	02/18 11:43
6G12569.	AC42612-001(T)(MSD)	TmwMnc	RR	JP	PESPLP-808	Aqueous	1	1	608	8081	02/18 11:58
6G12570.	AC42612-002(T)		OK	JP	PESPLP-808	Aqueous	1	1		8081	02/18 12:13
6G12571.	AC42683-001(T)		RR 3X	JP	PETCLP-808	Aqueous	1	1		8081	02/18 12:28
6G12572.	AC42612-003(T)		OK	JP	PESPLP-808	Aqueous	1	1		8081	02/18 12:43
6G12573.	EF SPLP V-59413		OK	JP		Aqueous	1	1		8081	02/18 12:58
6G12574.	AC42683-001(3X)		OK	JP	PETCLP-808	Aqueous	3	3		8081	02/18 13:29
6G12575.	CAL PEST@200PPB C26		OK	JP		Aqueous	0.25	1	608	8081	02/18 15:15

Anc	Area Not Checked	En	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eha	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	Problem Checking Prep/rundates modcheckprepruns	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GC_6 Year: 2011120
Analyst: JP

1-1-6G12576

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6G12576.	CAL EVAL	Ee1=4.8:Ee2=5.5:	OK,V-58332	JP		Aqueous	1	1	608 8081	02/19 00:01
6G12577.	100PPB	Cn	NOT USED	JP		Aqueous	0.5	1	608 8081	02/19 00:16
6G12578.	CAL PEST@200PPB		OK,V-53323, V-53322,OK,V-53323, V-	JP		Aqueous	0.25	1	608 8081	02/19 00:31
6G12579.	WMB3476(MS)		OK WMB3476	JP		Aqueous	1	1	608 8081	02/19 00:47
6G12580.	AC42612-001(T)(MS)	Esm	OK WMB3476	JP	PESPLP-808	Aqueous	1	1	608 8081	02/19 01:02
6G12581.	AC42612-001(T)(MSD)	Esm	OK WMB3476	JP	PESPLP-808	Aqueous	1	1	608 8081	02/19 01:17
6G12582.	SMB2169B		OK	JP		Soil	1	1	8081	02/19 01:32
6G12583.	SMB2169B(MS)		OK SMB2169B	JP		Soil	1	1	8081	02/19 01:47
6G12584.	AC42726-003		OK	JP	PE-8081	Soil	1	1	8081	02/19 02:02
6G12585.	AC42726-006		OK	JP	PE-8081	Soil	1	1	8081	02/19 02:17
6G12586.	AC42726-009		OK	JP	PE-8081	Soil	1	1	8081	02/19 02:33
6G12587.	AC42726-012		OK	JP	PE-8081	Soil	1	1	8081	02/19 02:48
6G12588.	AC42706-019		OK	JP	PE-8081	Soil	1	1	8081	02/19 03:03
6G12589.	AC42706-008		OK	JP	PE-8081	Soil	1	1	8081	02/19 03:18
6G12590.	AC42706-009		OK	JP	PE-8081	Soil	1	1	8081	02/19 03:33
6G12591.	AC42706-010		OK	JP	PE-8081	Soil	1	1	8081	02/19 03:48
6G12592.	AC42706-011		OK	JP	PE-8081	Soil	1	1	8081	02/19 04:03
6G12593.	AC42706-012		OK	JP	PE-8081	Soil	1	1	8081	02/19 04:18
6G12594.	AC42706-013		OK	JP	PE-8081	Soil	1	1	8081	02/19 04:34
6G12595.	AC42706-014		OK	JP	PE-8081	Soil	1	1	8081	02/19 04:49
6G12596.	AC42706-015		OK	JP	PE-8081	Soil	1	1	8081	02/19 05:04
6G12597.	AC42706-016		OK	JP	PE-8081	Soil	1	1	8081	02/19 05:19
6G12598.	AC42706-017		OK	JP	PE-8081	Soil	1	1	8081	02/19 05:34
6G12599.	100PPB	Tm	NOT USED	JP		Soil	0.5	1	8081	02/19 08:20
6G12600.	CAL PEST@100PPB	C16	OK	JP		Soil	0.5	1	608 8081	02/19 08:46
6G12601.	CAL EVAL	Ee1=3.1:Ee2=3.5:	OK	JP		Soil	1	1	8081	02/19 09:07
6G12602.	SMB2171B		OK	JP		Soil	1	1	8081	02/19 09:25
6G12603.	SMB2171B(MS)		OK SMB2171B	JP		Soil	1	1	8081	02/19 09:40
6G12604.	SMB2170B		OK	JP		Soil	1	1	8081	02/19 09:56
6G12605.	SMB2170B(MS)		OK SMB2170B	JP		Soil	1	1	8081	02/19 10:11
6G12606.	AC42781-002		OK SMB2170B	JP	PE-8081	Soil	1	1	8081	02/19 10:26
6G12607.	AC42781-002(MS)		OK SMB2170B	JP	PE-8081	Soil	1	1	8081	02/19 10:41
6G12608.	AC42781-002(MSD)		OK SMB2170B	JP	PE-8081	Soil	1	1	8081	02/19 10:56
6G12609.	AC42706-018		REX	JP	PE-8081	Soil	1	1	8081	02/19 11:11
6G12610.	AC42587-007		OK	JP	PE-8081	Soil	1	1	8081	02/19 12:10
6G12611.	AC42587-008		OK	JP	PE-8081	Soil	1	1	8081	02/19 12:25
6G12612.	AC42587-010		OK	JP	PE-8081	Soil	1	1	8081	02/19 12:40
6G12613.	AC42750-001		OK	JP	PE-8081	Soil	1	1	8081	02/19 12:55
6G12614.	AC42750-002		OK	JP	PE-8081	Soil	1	1	8081	02/19 13:10
6G12615.	AC42750-005		OK	JP	PE-8081	Soil	1	1	8081	02/19 13:25
6G12616.	AC42730-007		OK	JP	PE-8081	Soil	1	1	8081	02/19 13:41
6G12617.	CAL PEST@400PPB	C26	OK	JP		Soil	0.125	1	608 8081	02/19 15:01
6G12618.	400PPB	Cme	NOT USED	JP		Soil	0.125	1	8081	02/19 15:31

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endinp Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	Ao Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepunds	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6G12771

Instrument: GC_6 Year: 2015
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6G12771.	CAL EVAL	Ee1=10:Ee2=12:E	OK,OK,V-58332	JP		Soil	1	1	8081	02/26 04:01
6G12772.	100PPB	Cn	NOT USED	JP		Soil	0.5	1	8081	02/26 04:16
6G12773.	CAL PEST@400PPB		OK,OK, V-53323, V-53322, V-53321	JP		Soil	0.125	1 608	8081	02/26 04:31
6G12774.	AC42868-003		OK	JP	PE-8081	Soil	1	1	8081	02/26 04:46
6G12775.	AC42868-004		OK	JP	PE-8081	Soil	1	1	8081	02/26 05:02
6G12776.	AC42868-005		OK	JP	PE-8081	Soil	1	1	8081	02/26 05:17
6G12777.	AC42860-003		OK	JP	PE-8081	Soil	1	1	8081	02/26 05:32
6G12778.	AC42860-005		OK	JP	PE-8081	Soil	1	1	8081	02/26 05:47
6G12779.	AC42860-001		OK	JP	PE-8081	Soil	1	1	8081	02/26 06:02
6G12780.	AC42861-002		OK	JP	PE-8081	Soil	1	1	8081	02/26 06:17
6G12781.	AC42875-001		OK	JP	PE-8081	Soil	1	1	8081	02/26 06:32
6G12782.	SMB2179B(MS)		OK SMB2179B	JP		Soil	1	1	8081	02/26 08:14
6G12783.	SMB2179B		OK	JP		Soil	1	1	8081	02/26 08:31
6G12784.	AC42824-001		OK SMB2179B	JP	PE-8081	Soil	1	1	8081	02/26 08:46
6G12785.	AC42824-001(MS)		OK SMB2179B	JP	PE-8081	Soil	1	1	8081	02/26 09:01
6G12786.	AC42824-001(MSD)		OK SMB2179B	JP	PE-8081	Soil	1	1	8081	02/26 09:16
6G12787.	AC42820-005		OK	JP	PE-8081	Soil	1	1	8081	02/26 09:48
6G12788.	AC42820-006		RR	JP	PE-8081	Soil	1	1	8081	02/26 10:03
6G12789.	AC42820-007		RR	JP	PE-8081	Soil	1	1	8081	02/26 10:18
6G12790.	AC42820-008		OK	JP	PE-8081	Soil	1	1	8081	02/26 10:33
6G12791.	AC42820-009		RR	JP	PE-8081	Soil	1	1	8081	02/26 10:48
6G12792.	AC42820-010		RR	JP	PE-8081	Soil	1	1	8081	02/26 11:03
6G12793.	AC42820-011		OK	JP	PE-8081	Soil	1	1	8081	02/26 11:18
6G12794.	CAL EVAL	Ee1=8.4:Ee2=10:E	OK	JP		Soil	1	1	8081	02/26 12:49
6G12795.	CAL PEST@100PPB	C16C26	OK	JP		Soil	0.5	1 608	8081	02/26 13:55
6G12796.	AC42868-003		OK	JP	PE-8081	Soil	1	1	8081	02/26 14:12
6G12797.	SMB3037(MS)		OK	JP		Soil	1	1	8081	02/26 14:31
6G12798.	SMB3037		OK	JP		Soil	1	1	8081	02/26 14:47
6G12799.	CAL PEST@400PPB	C16C26	OK	JP		Soil	0.125	1 608	8081	02/26 15:28

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Columo 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missing for samole (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-50725

Prepared By: Desai, Kinjal
Description: PEST/PCB SURR
Prep Date: 8/26/2008
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2833	Acetone	100 ml	neat neat	
2886	2,4,5,6-Tetrachloro-m-xylene	20 mg	neat neat	200 ppm
2885	Decachlorobiphenyl	20 mg	neat neat	200 ppm

Veritech Lot Number: V-51078

Prepared By: Shah, Meghaben A.
Description: PEST SPIKE
Prep Date: 9/2/2008
Expiration Date: 3/1/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3479	Acetone	9950 ul	neat neat	10 ppm
3002	CLP Pesticides Mix	50 ul	2000 ppm	10 ppm

Veritech Lot Number: V-53079

Prepared By: Shah, Meghaben A.
Description: PEST SPIKE
Prep Date: 10/1/2008
Expiration Date: 3/30/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3513	acetone	99.5 ml	neat neat	10 ppm
3002	CLP Pesticides Mix	.5 ml	2000 ppm	10 ppm

Veritech Lot Number: V-53309

Prepared By: Patel, Jignesh
Description: PEST-INTERM.
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	4700 ul	neat neat	
3241	PESTICIDES MIX	50 ul	1000 ppm	10 ppm
v-50725	PEST/PCB SURR	250 ul	200 ppm	10 ppm

Veritech Lot Number: V-53316

Prepared By: Patel, Jignesh
Description: ICV-PEST
Prep Date: 10/6/2008
Expiration Date: 3/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-51078	PEST SPIKE	100 ul	10 ppm	100 ppb
3590	hexanes	9895 ul	neat neat	
V-50725	PEST/PCB SURR	5 ul	200 ppm	100 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53321

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 400 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	48000 ul	neat neat	
V-53309	PEST-INTERM.	2000 ul	10 ppm	400 ppb

Veritech Lot Number: V-53322

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 200 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49000 ul	neat neat	
V-53309	PEST-INTERM.	1000 ul	10 ppm	200 ppb

Veritech Lot Number: V-53323

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 100 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49500 ul	neat neat	
V-53309	PEST-INTERM.	500 ul	10 ppm	100 ppb

Veritech Lot Number: V-53324

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 50 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49750 ul	neat neat	
V-53309	PEST-INTERM.	250 ul	10 ppm	50 ppb

Veritech Lot Number: V-53325

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 10 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49950 ul	neat neat	
V-53309	PEST-INTERM.	50 ul	10 ppm	10 ppb

Veritech Lot Number: V-53326

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 2 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49990 ul	neat neat	
V-53309	PEST-INTERM.	10 ul	10 ppm	2 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53327

Prepared By: Patel, Jignesh
Description: TOXAPHENE- INTERMEDIATE
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2654	TOXAPHENE	50 ul	1000 ppm	50 ppm
3590	hexanes	925 ul	neat neat	neat
V-50725	PEST/PCB SURR	25 ul	200 ppm	50 ppm

Veritech Lot Number: V-53328

Prepared By: Patel, Jignesh
Description: TOXAPHENE
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53327	TOXAPHENE- INTERMEDIATE	100 ul	50 ppm	500 ppb
3590	hexanes	9900 ul	neat neat	

Veritech Lot Number: V-53329

Prepared By: Patel, Jignesh
Description: CHLORDANE INTERMED.
Prep Date: 10/6/2008
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	940 ul	neat neat	
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
2577	CHLORDANE	10 ul	1000 ppm	10 ppm

Veritech Lot Number: V-53330

Prepared By: Patel, Jignesh
Description: CHLORDANE
Prep Date: 10/6/2008
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	9900 ul	neat neat	
V-53329	CHLORDANE INTERMED.	100 ul	10 ppm	100 ppb

Veritech Lot Number: V-58332

Prepared By: Patel, Jignesh
Description: EVAL MIX
Prep Date: 1/5/2009
Expiration Date: 6/4/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 25 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3761	Hexanes	24982.5 ul	neat neat	
V-50725	PEST/PCB SURR	12.5 ul	200 ppm	100 ppb
3222	DDT/Endrin Mix	5 ul	500 ppm	100 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-59621

Prepared By:	Shah, Meghaben A.	Department:	Organics
Description:	PEST/PCB SURROGATE	BatchNumber:	
Prep Date:	1/26/2009	Concentration:	10 ppm
Expiration Date:	7/25/2009	Final Volume:	500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3740	Acetone	475 ml	neat neat	10 ppm
V-50725	PEST/PCB SURR	25 ml	200 ppm	10 ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2577

Description
CHLORDANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48065-U	LB37613	06/25/07	03/31/09	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 2654

Description
TOXAPHENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F106BS	381-29A	07/24/07	04/30/09	Revolus, Jean	1	5ml	1000	PPM

Veritech Control/Receipt Number: 2833

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A40-4	072330	10/29/07	10/28/09	Lopez, Jose	24	4L	neat	neat

Veritech Control/Receipt Number: 2885

Description
Decachlorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2537	LB51032	11/19/07	08/31/10	Hamid, Akmal	2	100m	neat	neat

Veritech Control/Receipt Number: 2886

Description
2,4,5,6-Tetrachloro-m-xylene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2298	LB51139	11/19/07	08/31/10	Hamid, Akmal	1	1000	neat	neat

Veritech Control/Receipt Number: 3002

Description
CLP Pesticides Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	47426-U	LB41708	01/25/08	08/31/09	Revolus, Jean	2	1ML	2000	PPM

Veritech Control/Receipt Number: 3222

Description
DDT/Endrin Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48282	LB52469	04/14/08	10/31/10	Revolus, Jean	2	1ml	500	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3241

Description
PESTICIDES MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8081-SC	B5030186-2B	04/15/08	04/03/11	Revolus, Jean	2	1ML	1000	PPM

Veritech Control/Receipt Number: 3479

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G15E38	07/22/08	07/21/10	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3513

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9254 03	E48E51	08/05/08	08/04/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3590

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9262-03	G35E38	09/05/08	09/04/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Control/Receipt Number: 3740

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	11/11/08	11/10/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3761

Description
Hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926203	G36E59	11/25/08	11/24/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3791

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	12/23/08	12/22/10	Okomeng, Maxwel	28	4LT	neat	neat

Veritech Control/Receipt Number: 3793

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926203	G43E41	12/23/08	12/22/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-50725

Prepared By: Desai, Kinjal
Description: PEST/PCB SURR
Prep Date: 8/26/2008
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2833	Acetone	100 ml	neat neat	
2886	2,4,5,6-Tetrachloro-m-xylene	20 mg	neat neat	200 ppm
2885	Decachlorobiphenyl	20 mg	neat neat	200 ppm

Veritech Lot Number: V-51078

Prepared By: Shah, Meghaben A.
Description: PEST SPIKE
Prep Date: 9/2/2008
Expiration Date: 3/1/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3479	Acetone	9950 ul	neat neat	10 ppm
3002	CLP Pesticides Mix	50 ul	2000 ppm	10 ppm

Veritech Lot Number: V-53079

Prepared By: Shah, Meghaben A.
Description: PEST SPIKE
Prep Date: 10/1/2008
Expiration Date: 3/30/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3513	acetone	99.5 ml	neat neat	10 ppm
3002	CLP Pesticides Mix	.5 ml	2000 ppm	10 ppm

Veritech Lot Number: V-53309

Prepared By: Patel, Jignesh
Description: PEST-INTERM.
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	4700 ul	neat neat	
3241	PESTICIDES MIX	50 ul	1000 ppm	10 ppm
v-50725	PEST/PCB SURR	250 ul	200 ppm	10 ppm

Veritech Lot Number: V-53316

Prepared By: Patel, Jignesh
Description: ICV-PEST
Prep Date: 10/6/2008
Expiration Date: 3/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-51078	PEST SPIKE	100 ul	10 ppm	100 ppb
3590	hexanes	9895 ul	neat neat	
V-50725	PEST/PCB SURR	5 ul	200 ppm	100 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53321

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 400 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	48000 ul	neat neat	
V-53309	PEST-INTERM.	2000 ul	10 ppm	400 ppb

Veritech Lot Number: V-53322

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 200 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49000 ul	neat neat	
V-53309	PEST-INTERM.	1000 ul	10 ppm	200 ppb

Veritech Lot Number: V-53323

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 100 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49500 ul	neat neat	
V-53309	PEST-INTERM.	500 ul	10 ppm	100 ppb

Veritech Lot Number: V-53324

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 50 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49750 ul	neat neat	
V-53309	PEST-INTERM.	250 ul	10 ppm	50 ppb

Veritech Lot Number: V-53325

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 10 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49950 ul	neat neat	
V-53309	PEST-INTERM.	50 ul	10 ppm	10 ppb

Veritech Lot Number: V-53326

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 2 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49990 ul	neat neat	
V-53309	PEST-INTERM.	10 ul	10 ppm	2 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53327

Prepared By: Patel, Jignesh
Description: TOXAPHENE- INTERMEDIATE
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2654	TOXAPHENE	50 ul	1000 ppm	50 ppm
3590	hexanes	925 ul	neat neat	neat
V-50725	PEST/PCB SURR	25 ul	200 ppm	50 ppm

Veritech Lot Number: V-53328

Prepared By: Patel, Jignesh
Description: TOXAPHENE
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53327	TOXAPHENE- INTERMEDIATE	100 ul	50 ppm	500 ppb
3590	hexanes	9900 ul	neat neat	

Veritech Lot Number: V-53329

Prepared By: Patel, Jignesh
Description: CHLORDANE INTERMED.
Prep Date: 10/6/2008
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	940 ul	neat neat	
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
2577	CHLORDANE	10 ul	1000 ppm	10 ppm

Veritech Lot Number: V-53330

Prepared By: Patel, Jignesh
Description: CHLORDANE
Prep Date: 10/6/2008
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	9900 ul	neat neat	
V-53329	CHLORDANE INTERMED.	100 ul	10 ppm	100 ppb

Veritech Lot Number: V-58332

Prepared By: Patel, Jignesh
Description: EVAL MIX
Prep Date: 1/5/2009
Expiration Date: 6/4/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 25 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3761	Hexanes	24982.5 ul	neat neat	
V-50725	PEST/PCB SURR	12.5 ul	200 ppm	100 ppb
3222	DDT/Endrin Mix	5 ul	500 ppm	100 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-59621

Prepared By:	Shah, Meghaben A.	Department:	Organics
Description:	PEST/PCB SURROGATE	BatchNumber:	
Prep Date:	1/26/2009	Concentration:	10 ppm
Expiration Date:	7/25/2009	Final Volume:	500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3740	Acetone	475 ml	neat neat	10 ppm
V-50725	PEST/PCB SURR	25 ml	200 ppm	10 ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2577

Description
CHLORDANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48065-U	LB37613	06/25/07	03/31/09	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 2654

Description
TOXAPHENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F106BS	381-29A	07/24/07	04/30/09	Revolus, Jean	1	5ml	1000	PPM

Veritech Control/Receipt Number: 2833

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A40-4	072330	10/29/07	10/28/09	Lopez, Jose	24	4L	neat	neat

Veritech Control/Receipt Number: 2885

Description
Decachlorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2537	LB51032	11/19/07	08/31/10	Hamid, Akmal	2	100m	neat	neat

Veritech Control/Receipt Number: 2886

Description
2,4,5,6-Tetrachloro-m-xylene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2298	LB51139	11/19/07	08/31/10	Hamid, Akmal	1	1000	neat	neat

Veritech Control/Receipt Number: 3002

Description
CLP Pesticides Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	47426-U	LB41708	01/25/08	08/31/09	Revolus, Jean	2	1ML	2000	PPM

Veritech Control/Receipt Number: 3222

Description
DDT/Endrin Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48282	LB52469	04/14/08	10/31/10	Revolus, Jean	2	1ml	500	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3241

Description
PESTICIDES MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8081-SC	B5030186-2B	04/15/08	04/03/11	Revolus, Jean	2	1ML	1000	PPM

Veritech Control/Receipt Number: 3479

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G15E38	07/22/08	07/21/10	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3513

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9254 03	E48E51	08/05/08	08/04/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3590

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9262-03	G35E38	09/05/08	09/04/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Control/Receipt Number: 3740

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	11/11/08	11/10/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3761

Description
Hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926203	G36E59	11/25/08	11/24/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3762

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	11/25/08	11/24/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3780

Description
Sodium Sulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Seidler	140104	401203	12/09/08	12/08/10	Lopez, Jose	4	100lb	neat	neat

Veritech Control/Receipt Number: 3792

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G44E07	12/23/08	12/22/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3793

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926203	G43E41	12/23/08	12/22/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Control/Receipt Number: 3858

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G54403	01/20/09	01/19/11	Okomeng, Maxwel	120	4LT	neat	neat

Metal Data

Metal Data
Sample Data

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-001	% Solid:	72	Lab Name:	Veritech	Nras No:	
Client Id:	WB-2	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	280	13000	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7440-36-0	Antimony	2.8	ND	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-38-2	Arsenic	2.8	3.4	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-39-3	Barium	14	110	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-41-7	Beryllium	0.83	ND	100	02/25/09	9990	S9990B	30	P	PEICP1
7440-43-9	Cadmium	0.83	ND	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-70-2	Calcium	1400	ND	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7440-47-3	Chromium	6.9	25	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-48-4	Cobalt	3.5	9.3	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-50-8	Copper	6.9	15	100	02/24/09	9990	S9990A	30	P	PEICP1
7439-89-6	Iron	280	19000	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7439-92-1	Lead	6.9	8.5	100	02/24/09	9990	S9990A	30	P	PEICP1
7439-95-4	Magnesium	690	3600	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7439-96-5	Manganese	14	300	100	02/24/09	9990	S9990A	30	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	02/26/09	9990	H9990S	23	CV	HGCV1
7440-02-0	Nickel	6.9	16	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-09-7	Potassium	690	760	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7782-49-2	Selenium	2.5	ND	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-22-4	Silver	2.1	ND	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-23-5	Sodium	350	ND	100	02/26/09	9990	S9990C	21	P	PEICPRAD1
7440-28-0	Thallium	1.7	ND	100	02/25/09	9990	S9990B	30	P	PEICP1
7440-62-2	Vanadium	14	25	100	02/24/09	9990	S9990A	30	P	PEICP1
7440-66-6	Zinc	14	44	100	02/24/09	9990	S9990A	30	P	PEICP1

Comments: _____

_____

Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-002	% Solid:	79	Lab Name:	Veritech	Nras No:	
Client Id:	WB-3	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	250	13000	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7440-36-0	Antimony	2.5	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-38-2	Arsenic	2.5	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-39-3	Barium	13	110	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-41-7	Beryllium	0.76	ND	100	02/25/09	9990	S9990B	31	P	PEICP1
7440-43-9	Cadmium	0.76	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-70-2	Calcium	1300	1300	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7440-47-3	Chromium	6.3	36	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-48-4	Cobalt	3.2	9.4	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-50-8	Copper	6.3	13	100	02/24/09	9990	S9990A	31	P	PEICP1
7439-89-6	Iron	250	15000	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7439-92-1	Lead	6.3	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7439-95-4	Magnesium	630	3600	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7439-96-5	Manganese	13	120	100	02/24/09	9990	S9990A	31	P	PEICP1
7439-97-6	Mercury	0.11	ND	167	02/26/09	9990	H9990S	24	CV	HGCV1
7440-02-0	Nickel	6.3	22	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-09-7	Potassium	630	710	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7782-49-2	Selenium	2.3	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-22-4	Silver	1.9	ND	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-23-5	Sodium	320	ND	100	02/26/09	9990	S9990C	22	P	PEICPRAD1
7440-28-0	Thallium	1.5	ND	100	02/25/09	9990	S9990B	31	P	PEICP1
7440-62-2	Vanadium	13	30	100	02/24/09	9990	S9990A	31	P	PEICP1
7440-66-6	Zinc	13	39	100	02/24/09	9990	S9990A	31	P	PEICP1

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-003	% Solid:	79	Lab Name:	Veritech	Nras No:	
Client Id:	WB-4	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	250	6800	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7440-36-0	Antimony	2.5	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-38-2	Arsenic	2.5	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-39-3	Barium	13	41	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-41-7	Beryllium	0.76	ND	100	02/25/09	9990	S9990B	32	P	PEICP1
7440-43-9	Cadmium	0.76	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-70-2	Calcium	1300	ND	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7440-47-3	Chromium	6.3	19	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-48-4	Cobalt	3.2	5.8	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-50-8	Copper	6.3	7.3	100	02/24/09	9990	S9990A	32	P	PEICP1
7439-89-6	Iron	250	8800	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7439-92-1	Lead	6.3	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7439-95-4	Magnesium	630	2700	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7439-96-5	Manganese	13	110	100	02/24/09	9990	S9990A	32	P	PEICP1
7439-97-6	Mercury	0.11	ND	167	02/26/09	9990	H9990S	25	CV	HGCV1
7440-02-0	Nickel	6.3	11	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-09-7	Potassium	630	650	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7782-49-2	Selenium	2.3	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-22-4	Silver	1.9	ND	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-23-5	Sodium	320	ND	100	02/26/09	9990	S9990C	23	P	PEICPRAD1
7440-28-0	Thallium	1.5	ND	100	02/25/09	9990	S9990B	32	P	PEICP1
7440-62-2	Vanadium	13	18	100	02/24/09	9990	S9990A	32	P	PEICP1
7440-66-6	Zinc	13	29	100	02/24/09	9990	S9990A	32	P	PEICP1

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-004	% Solid:	79	Lab Name:	Veritech	Nras No:	
Client Id:	MW-6S	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	250	7900	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7440-36-0	Antimony	2.5	ND	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-38-2	Arsenic	2.5	ND	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-39-3	Barium	13	76	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-41-7	Beryllium	0.76	ND	100	02/25/09	9990	S9990B	33	P	PEICP1
7440-43-9	Cadmium	0.76	ND	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-70-2	Calcium	1300	4500	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7440-47-3	Chromium	6.3	17	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-48-4	Cobalt	3.2	7.4	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-50-8	Copper	6.3	19	100	02/24/09	9990	S9990A	33	P	PEICP1
7439-89-6	Iron	250	13000	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7439-92-1	Lead	6.3	61	100	02/24/09	9990	S9990A	33	P	PEICP1
7439-95-4	Magnesium	630	4600	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7439-96-5	Manganese	13	260	100	02/24/09	9990	S9990A	33	P	PEICP1
7439-97-6	Mercury	0.11	0.14	167	02/26/09	9990	H9990S	26	CV	HGCV1
7440-02-0	Nickel	6.3	12	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-09-7	Potassium	630	1900	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7782-49-2	Selenium	2.3	ND	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-22-4	Silver	1.9	ND	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-23-5	Sodium	320	ND	100	02/26/09	9990	S9990C	24	P	PEICPRAD1
7440-28-0	Thallium	1.5	ND	100	02/25/09	9990	S9990B	33	P	PEICP1
7440-62-2	Vanadium	13	21	100	02/24/09	9990	S9990A	33	P	PEICP1
7440-66-6	Zinc	13	45	100	02/24/09	9990	S9990A	33	P	PEICP1

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-005	% Solid:	77	Lab Name:	Veritech	Nras No:	
Client Id:	MW-7S	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	260	11000	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7440-36-0	Antimony	2.6	ND	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-38-2	Arsenic	2.6	ND	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-39-3	Barium	13	98	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-41-7	Beryllium	0.78	ND	100	02/25/09	9990	S9990B	34	P	PEICP1
7440-43-9	Cadmium	0.78	ND	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-70-2	Calcium	1300	1900	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7440-47-3	Chromium	6.5	36	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-48-4	Cobalt	3.2	6.9	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-50-8	Copper	6.5	9.9	100	02/24/09	9990	S9990A	34	P	PEICP1
7439-89-6	Iron	260	11000	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7439-92-1	Lead	6.5	7.0	100	02/24/09	9990	S9990A	34	P	PEICP1
7439-95-4	Magnesium	650	3800	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7439-96-5	Manganese	13	110	100	02/24/09	9990	S9990A	34	P	PEICP1
7439-97-6	Mercury	0.11	ND	167	02/26/09	9990	H9990S	27	CV	HGCV1
7440-02-0	Nickel	6.5	17	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-09-7	Potassium	650	840	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7782-49-2	Selenium	2.3	ND	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-22-4	Silver	1.9	ND	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-23-5	Sodium	320	ND	100	02/26/09	9990	S9990C	25	P	PEICPRAD1
7440-28-0	Thallium	1.6	ND	100	02/25/09	9990	S9990B	34	P	PEICP1
7440-62-2	Vanadium	13	24	100	02/24/09	9990	S9990A	34	P	PEICP1
7440-66-6	Zinc	13	41	100	02/24/09	9990	S9990A	34	P	PEICP1

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-006	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	WB-2 GW U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	1700	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-39-3	Barium	25	54	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-70-2	Calcium	1000	25000	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7439-89-6	Iron	150	4500	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7439-92-1	Lead	5.0	15	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7439-95-4	Magnesium	1000	24000	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7439-96-5	Manganese	25	290	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/26/09	9987	H9987A	23	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-09-7	Potassium	2500	13000	0.5	02/25/09	9987	A9987B2	21	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-23-5	Sodium	2500	120000	0.5	02/25/09	9987	A9987B2	21	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	34	P	PEICP2
7440-66-6	Zinc	25	31	0.5	02/26/09	9987	A9987C2	34	P	PEICP2

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-007	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	WB-2 GW F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-39-3	Barium	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-70-2	Calcium	1000	23000	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7439-89-6	Iron	150	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7439-95-4	Magnesium	1000	22000	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7439-96-5	Manganese	25	240	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/26/09	9987	H9987A	24	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-09-7	Potassium	2500	13000	0.5	02/25/09	9987	A9987B2	22	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-23-5	Sodium	2500	120000	0.5	02/25/09	9987	A9987B2	22	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	02/26/09	9987	A9987C2	36	P	PEICP2

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-009	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	WB-4 GW U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	7400	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-39-3	Barium	25	130	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-70-2	Calcium	1000	42000	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7439-89-6	Iron	150	8900	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7439-92-1	Lead	5.0	5.2	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7439-95-4	Magnesium	1000	20000	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7439-96-5	Manganese	25	370	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/26/09	9987	H9987A	25	CV	HGCV1
7440-02-0	Nickel	10	11	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-09-7	Potassium	2500	6500	0.5	02/25/09	9987	A9987B2	23	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-23-5	Sodium	2500	33000	0.5	02/25/09	9987	A9987B2	23	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	37	P	PEICP2
7440-66-6	Zinc	25	31	0.5	02/26/09	9987	A9987C2	37	P	PEICP2

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-010	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	WB-4 GW F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-39-3	Barium	25	94	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-70-2	Calcium	1000	43000	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7439-89-6	Iron	150	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7439-95-4	Magnesium	1000	17000	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7439-96-5	Manganese	25	290	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7439-97-6	Mercury	0.20	0.28	1	02/26/09	9987	H9987A	26	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-09-7	Potassium	2500	5700	0.5	02/25/09	9987	A9987B2	24	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-23-5	Sodium	2500	34000	0.5	02/25/09	9987	A9987B2	24	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	02/26/09	9987	A9987C2	38	P	PEICP2

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-012	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-39-3	Barium	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-70-2	Calcium	1000	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7439-89-6	Iron	150	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7439-95-4	Magnesium	1000	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7439-96-5	Manganese	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/26/09	9987	H9987A	27	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	02/25/09	9987	A9987B2	25	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-23-5	Sodium	2500	ND	0.5	02/25/09	9987	A9987B2	25	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	02/26/09	9987	A9987C2	41	P	PEICP2

Comments: _____

Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42868-013	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/23/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-39-3	Barium	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-70-2	Calcium	1000	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-50-8	Copper	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7439-89-6	Iron	150	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7439-95-4	Magnesium	1000	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7439-96-5	Manganese	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/26/09	9987	H9987A	28	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	02/25/09	9987	A9987B2	30	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-22-4	Silver	10	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-23-5	Sodium	2500	ND	0.5	02/25/09	9987	A9987B2	30	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	02/26/09	9987	A9987C2	42	P	PEICP2

Comments: _____

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Flag Codes:

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

Metal Data
QC Data

FORM 2
(ICV/CCV Summary)

Date Analyzed: 02/24/09
Data File: S9990A
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-60572 (2)-7	Rec	CCV V-60256-19	Rec	CCV V-60256-27	Rec	CCV V-60256-37	Rec	Rec	Rec	Rec	Rec
Antimony	1/.5	0.988354	99	0.519338	104	0.520007	104	0.526595	105				
Arsenic	1/.5	0.962757	96	0.515718	103	0.516786	103	0.525771	105				
Barium	1/.5	0.989630	99	0.534201	107	0.539100	108	0.541652	108				
Cadmium	1/.5	0.955818	96	0.514574	103	0.515666	103	0.519967	104				
Chromium	1/.5	0.959642	96	0.520646	104	0.528616	106	0.524593	105				
Cobalt	1/.5	0.953944	95	0.508949	102	0.510866	102	0.517408	103				
Copper	1/.5	0.933669	93	0.506948	101	0.502972	101	0.507205	101				
Lead	1/.5	0.960556	96	0.522723	105	0.518610	104	0.528542	106				
Manganese	1/.5	0.954865	95	0.516003	103	0.518663	104	0.522819	105				
Nickel	1/.5	0.950289	95	0.508643	102	0.511741	102	0.519331	104				
Selenium	1/.5	0.960356	96	0.515392	103	0.518497	104	0.527070	105				
Silver	0.2/.1	0.191799	96	0.101300	101	0.100233	100	0.102342	102				
Vanadium	1/.5	0.925472	93	0.504028	101	0.504819	101	0.508205	102				
Zinc	1/.5	0.957105	96	0.529185	106	0.528447	106	0.529117	106				

Notes: a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits: ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 02/25/09
Data File: S9990B
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-60572 (2)-7	Rec	CCV V-60256-19	Rec	CCV V-60256-27	Rec	CCV V-60256-37	Rec	Rec	Rec	Rec	Rec	Rec
Beryllium	1/.5	0.963295	96	0.486861	97	0.499087	100	0.491842	98					
Thallium	1/.5	1.01413	101	0.533529	107	0.531156	106	0.537797	108					

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 ; 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 02/25/09
Data File: S9990C
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-60572 (2)-6	Rec	CCV V-60256-18	Rec	CCV V-60256-28	Rec		Rec		Rec		Rec		Rec		Rec
Aluminum	10/5	9.73993	97	5.27190	105	5.20427	104										
Calcium	100/50	94.5054	95	51.4126	103	49.8940	100										
Iron	10/5	9.47522	95	5.05706	101	4.89463	98										
Magnesium	100/50	95.2154	95	51.3097	103	50.2343	100										
Potassium	100/50	97.4870	97	53.2687	107	52.1353	104										
Sodium	100/50	97.8408	98	53.5086	107	52.5019	105										

Notes: a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits: ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 02/25/09
Data File: A9987B2
Prep Batch: 9987
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-60572 (2)-6	Rec	CCV V-60256-16	Rec	CCV V-60256-28	Rec	CCV V-60256-33	Rec		Rec		Rec		Rec		Rec
Potassium	100/50	101.631	102	50.3371	101	51.6968	103	51.7941	104								
Sodium	100/50	101.309	101	50.6963	101	52.3688	105	52.3701	105								

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 02/26/09
Data File: A9987C2
Prep Batch: 9987
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-60572 (2)-7	Rec	CCV V-60256-17	Rec	CCV V-60256-29	Rec	CCV V-60256-39	Rec	CCV V-60256-45	Rec		Rec		Rec		Rec
Aluminum	10/5	10.2601	103	4.93835	99	4.96427	99	4.90772	98	4.99271	100						
Antimony	1/.5	1.02150	102	0.500423	100	0.490125	98	0.490707	98	0.492116	98						
Arsenic	1/.5	0.989003	99	0.486815	97	0.483677	97	0.489139	98	0.486294	97						
Barium	1/.5	1.03456	103	0.508930	102	0.504693	101	0.502514	101	0.507019	101						
Beryllium	1/.5	1.00950	101	0.499034	100	0.498208	100	0.498284	100	0.498132	100						
Cadmium	1/.5	1.00368	100	0.492029	98	0.491151	98	0.488092	98	0.492496	98						
Calcium	100/50	99.7435	100	49.7709	100	49.8631	100	49.9666	100	49.9582	100						
Chromium	1/.5	1.00025	100	0.499239	100	0.497864	100	0.496460	99	0.500151	100						
Cobalt	1/.5	1.00312	100	0.498457	100	0.497551	100	0.500940	100	0.501440	100						
Copper	1/.5	0.995846	100	0.488113	98	0.486298	97	0.484739	97	0.487095	97						
Iron	10/5	9.99074	100	4.95998	99	4.92044	98	4.89561	98	4.95364	99						
Lead	1/.5	0.996839	100	0.492905	99	0.493223	99	0.497508	100	0.497074	99						
Magnesium	100/50	99.9612	100	49.7858	100	49.6066	99	49.7435	99	49.7575	100						
Manganese	1/.5	1.00548	101	0.497048	99	0.493492	99	0.491507	98	0.496352	99						
Nickel	1/.5	1.00031	100	0.499187	100	0.498798	100	0.496061	99	0.500132	100						
Selenium	1/.5	1.01512	102	0.497496	99	0.494245	99	0.495961	99	0.495138	99						
Silver	0.2/.1	0.199238	100	0.098420	98	0.097694	98	0.097181	97	0.098335	98						
Thallium	1/.5	1.03591	104	0.513045	103	0.510100	102	0.514303	103	0.516310	103						
Vanadium	1/.5	0.991138	99	0.491244	98	0.489391	98	0.486880	97	0.491189	98						
Zinc	1/.5	1.01079	101	0.499705	100	0.495682	99	0.497394	99	0.500104	100						

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 02/26/09
Data File: H9990S
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

		ICV (2)-9		CCV-21		CCV-32											
Analyte	ICV/CCV Amt		Rec		Rec		Rec	Rec		Rec		Rec		Rec		Rec	
Mercury	20/10	19.58158	98	9.953050	100	9.988534	100										

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 02/26/09
Data File: H9987A
Prep Batch: 9987
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

		ICV (2)-9		CCV-21		CCV-29											
Analyte	ICV/CCV Amt		Rec		Rec		Rec	Rec		Rec		Rec		Rec		Rec	
Mercury	20/10	20.12094	101	9.865297	99	9.745593	97										

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 02/24/09
Data File: S9990A
Prep Batch: 9990
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-61025-8	CCB-20	CCB-28	CCB-38	MB 9990-11			
Antimony	.02 U	.02 U	.02 U	.02 U	.02 U			
Arsenic	.02 U	.02 U	.02 U	.02 U	.02 U			
Barium	.1 U	.1 U	.1 U	.1 U	.1 U			
Cadmium	.006 U	.006 U	.006 U	.006 U	.006 U			
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U			
Cobalt	.025 U	.025 U	.025 U	.025 U	.025 U			
Copper	.05 U	.05 U	.05 U	.05 U	.05 U			
Lead	.05 U	.05 U	.05 U	.05 U	.05 U			
Manganese	.1 U	.1 U	.1 U	.1 U	.1 U			
Nickel	.05 U	.05 U	.05 U	.05 U	.05 U			
Selenium	.018 U	.018 U	.018 U	.018 U	.018 U			
Silver	.015 U	.015 U	.015 U	.015 U	.015 U			
Vanadium	.1 U	.1 U	.1 U	.1 U	.1 U			
Zinc	.1 U	.1 U	.1 U	.1 U	.1 U			

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 02/25/09
Data File: S9990B
Prep Batch: 9990
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-61025-8	CCB-20	CCB-28	CCB-38	MB 9990 (100)-11			
Beryllium	.006 U	.006 U	.006 U	.006 U	.6 U			
Thallium	.012 U	.012 U	.012 U	.012 U	1.2 U			

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 02/25/09
Data File: S9990C
Prep Batch: 9990
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-61025-7	CCB-19	CCB-29	MB 9990 (100)-10				
Aluminum	2 U	2 U	2 U	200 U				
Calcium	10 U	10 U	10 U	1000 U				
Iron	2 U	2 U	2 U	203 a				
Magnesium	5 U	5 U	5 U	500 U				
Potassium	5 U	5 U	5 U	500 U				
Sodium	2.5 U	2.5 U	2.5 U	250 U				

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 02/25/09
Data File: A9987B2
Prep Batch: 9987
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-61025-7	CCB-17	CCB-29	CCB-34	MB 9987 (0.5)-10			
Potassium	5 U	5 U	5 U	5 U	2.5 U			
Sodium	5 U	5 U	5 U	5 U	2.5 U			

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 02/26/09
Data File: A9987C2
Prep Batch: 9987
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-61025-8	CCB-18	CCB-30	CCB-40	CCB-46	MB 9987 (0.5)-11		
Aluminum	.2 U	.2 U	.2 U	.2 U	.2 U	.1 U		
Antimony	.015 U	.015 U	.015 U	.015 U	.015 U	.0075 U		
Arsenic	.04 U	.04 U	.04 U	.04 U	.04 U	.02 U		
Barium	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Beryllium	.008 U	.008 U	.008 U	.008 U	.008 U	.004 U		
Cadmium	.004 U	.004 U	.004 U	.004 U	.004 U	.002 U		
Calcium	2 U	2 U	2 U	2 U	2 U	1 U		
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Cobalt	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U		
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Iron	.3 U	.3 U	.3 U	.3 U	.3 U	.15 U		
Lead	.01 U	.01 U	.01 U	.01 U	.01 U	.005 U		
Magnesium	2 U	2 U	2 U	2 U	2 U	1 U		
Manganese	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Nickel	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U		
Selenium	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Silver	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U		
Thallium	.01 U	.01 U	.01 U	.01 U	.01 U	.005 U		
Vanadium	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Zinc	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 02/26/09
Data File: H9990S
Prep Batch: 9990
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB-10	CCB-22	CCB-33	MB 9990 (167)-11				
Mercury	.5 U	.5 U	.5 U	84 U				

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 02/26/09
Data File: H9987A
Prep Batch: 9987
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB-10	CCB-22	CCB-30	MB 9987 (1)-11				
Mercury	.2 U	.2 U	.2 U	.2 U				

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 02/24/09
Data File: S9990A
Prep Batch: 9990
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP1
Units: ppm
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-59477-9	Rec	ICSAB V-61024-10	Rec	ICSA V-59477-25	Rec	ICSAB V-61024-26	Rec	ICSA V-59477-35	Rec	ICSAB V-61024-36	Rec		Rec		Rec
Aluminum	500	439.442	88	437.99400	88	450.301	90	456.17100	91	455.436	91	463.00700	93				
Antimony	1	U		0.90985	91	U		0.92526	93	U		0.91335	91				
Arsenic	1	U		0.92167	92	U		0.95589	96	U		0.97488	97				
Barium	.5	U		0.46375	93	U		0.47960	96	U		0.47755	96				
Cadmium	1	U		0.86575	87	U		0.89443	89	U		0.92334	92				
Calcium	500	452.485	90	451.29300	90	461.123	92	464.43100	93	465.926	93	475.14500	95				
Chromium	.5	U		0.45059	90	U		0.46953	94	U		0.46777	94				
Cobalt	.5	U		0.43489	87	U		0.44641	89	U		0.44668	89				
Copper	.5	U		0.45201	90	U		0.46876	94	U		0.47982	96				
Iron	200	166.712	83	166.63300	83	171.653	86	171.70300	86	173.574	87	176.43300	88				
Lead	1	U		0.87930	88	U		0.89810	90	U		0.90305	90				
Magnesium	500	476.49	95	476.04000	95	487.028	97	483.32800	97	489.279	98	497.65600	100				
Manganese	.5	U		0.44739	89	U		0.46209	92	U		0.47418	95				
Nickel	1	U		0.81356	81	U		0.84733	85	U		0.83795	84				
Selenium	1	U		0.88011	88	U		0.92925	93	U		0.93010	93				
Silver	1	U		0.95719	96	U		0.98922	99	U		1.01624	102				
Vanadium	.5	U		0.43933	88	U		0.45942	92	U		0.47033	94				
Zinc	1	U		0.86889	87	U		0.89862	90	U		0.89624	90				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
c-indicates the recovery failed the Qc Criteria in the ICSAB
u-indicates the absolute value of the concentration was below the reporting limit

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 02/25/09
Data File: S9990B
Prep Batch: 9990
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP1
Units: ppm
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-59477-9	Rec	ICSAB V-61024-10	Rec	ICSA V-59477-25	Rec	ICSAB V-61024-26	Rec	ICSA V-59477-35	Rec	ICSAB V-61024-36	Rec		Rec		Rec
Aluminum	500	435.477	87	439.55200	88	439.307	88	443.70000	89	438.726	88	445.69700	89				
Beryllium	.5	U		0.48060	96	U		0.48909	98	U		0.48003	96				
Calcium	500	451.904	90	459.42600	92	458.581	92	463.10200	93	456.324	91	463.91800	93				
Iron	200	172.014	86	171.51900	86	172.583	86	176.93100	88	174.278	87	173.77900	87				
Magnesium	500	472.268	94	477.35100	95	470.379	94	485.42700	97	477.453	95	486.54700	97				
Thallium	1	U		0.88736	89	U		0.89660	90	U		0.87328	87				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
c-indicates the recovery failed the Qc Criteria in the ICSAB
u-indicates the absolute value of the concentration was below the reporting limit

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 02/25/09
Data File: S9990C
Prep Batch: 9990
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD1
Units: ppm
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-59477-8	Rec	ICSAB V-61024-9	Rec	ICSA V-59477-26	Rec	ICSAB V-61024-27	Rec	Rec	Rec	Rec	Rec
Aluminum	500	473.196	95	480.24600	96	468.896	94	465.20400	93				
Calcium	500	460.597	92	468.24500	94	456.941	91	453.51400	91				
Iron	200	176.632	88	178.77000	89	170.721	85	172.70600	86				
Magnesium	500	480.479	96	489.67300	98	473.352	95	473.79900	95				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
c-indicates the recovery failed the Qc Criteria in the ICSAB
u-indicates the absolute value of the concentration was below the reporting limit

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 02/25/09
Data File: A9987B2
Prep Batch: 9987
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2
Units: ppm
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-60052-8	Rec	ICSAB V-61024-9	Rec	ICSA V-60052-26	Rec	ICSAB V-61024-27	Rec	ICSA V-60052-31	Rec	ICSAB V-61024-32	Rec		Rec		Rec
Aluminum	500	513.94	103	513.44700	103	519.705	104	513.08800	103	518.975	104	522.81600	105				
Calcium	500	494.292	99	492.39400	98	499.895	100	491.58000	98	497.678	100	501.44100	100				
Iron	200	197.575	99	198.65100	99	200.18	100	196.64600	98	200.02	100	199.13000	100				
Magnesium	500	512.014	102	507.71700	102	519.098	104	511.73700	102	515.208	103	520.58800	104				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
c-indicates the recovery failed the Qc Criteria in the ICSAB
u-indicates the absolute value of the concentration was below the reporting limit

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 02/26/09
Data File: A9987C2
Prep Batch: 9987
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2
Units: ppm
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-60052-9	Rec	ICSAB V-61024-10	Rec	ICSA V-60052-27	Rec	ICSAB V-61024-28	Rec	ICSA V-60052-43	Rec	ICSAB V-61024-44	Rec		Rec		Rec
Aluminum	500	503.496	101	506.21100	101	508.525	102	510.76100	102	507.063	101	512.53400	103				
Antimony	1	U		0.98236	98	U		0.99291	99	U		1.01109	101				
Arsenic	1	U		0.99137	99	U		0.98593	99	U		1.00490	100				
Barium	.5	U		0.50440	101	U		0.50482	101	U		0.51098	102				
Beryllium	.5	U		0.50246	100	U		0.50173	100	U		0.50239	100				
Cadmium	1	U		1.01825	102	U		1.02361	102	U		1.03470	103				
Calcium	500	477.559	96	479.40800	96	482.275	96	483.99100	97	480.074	96	485.86000	97				
Chromium	.5	U		0.48968	98	U		0.49093	98	U		0.49735	99				
Cobalt	.5	U		0.47691	95	U		0.48061	96	U		0.48678	97				
Copper	.5	U		0.53433	107	U		0.53084	106	U		0.53107	106				
Iron	200	194.489	97	194.27200	97	193.649	97	192.86400	96	193.553	97	193.49900	97				
Lead	1	U		0.93324	93	U		0.94743	95	U		0.96177	96				
Magnesium	500	509.126	102	510.08200	102	511.38	102	513.23300	103	508.259	102	514.66300	103				
Manganese	.5	U		0.49401	99	U		0.49118	98	U		0.49262	99				
Nickel	1	U		0.93917	94	U		0.94250	94	U		0.95340	95				
Selenium	1	U		0.99273	99	U		1.00433	100	U		1.03580	104				
Silver	1	U		1.03599	104	U		1.02997	103	U		1.03060	103				
Thallium	1	U		0.94510	95	U		0.95660	96	U		0.97586	98				
Vanadium	.5	U		0.47307	95	U		0.47279	95	U		0.47398	95				
Zinc	1	U		0.93806	94	U		0.93917	94	U		0.95078	95				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
c-indicates the recovery failed the Qc Criteria in the ICSAB
u-indicates the absolute value of the concentration was below the reporting limit

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 02/24/09
Data File: S9990A
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: SOIL
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil	Spike Amts LCS Aq	LCS Rec Limits	Non Spike Conc AC42880-001-14		AC42880-001-16-1X	%REC OR Conc	AC42880-001-17-1X	%REC OR Conc	LCS-12-1X	%REC OR Conc	LCS MR-13-1X	%REC OR Conc	%REC OR Conc
Antimony	0.5	0.674		0.102 - 1.24	0.02	U	0.336142	67 a	0.33028	66 a	0.741265	.741	0.768501	.769	
Arsenic	0.5	1.04		0.807 - 1.28	0.604029		1.25265	130 a	1.27355	134 a	0.986897	.987	1.02075	1.02	
Barium	0.5	1.98		1.58 - 2.37	1.4577		1.88537	86	1.76662	62 a	1.86266	1.86	2.05938	2.06	
Cadmium	0.5	0.607		0.491 - 0.724	0.007949		0.507538	100	0.506779	100	0.600759	.601	0.606802	.607	
Chromium	0.5	2.36		1.88 - 2.84	0.146001		0.640242	99	0.642482	99	2.31432	2.31	2.23447	2.23	
Cobalt	0.5	0.912		0.739 - 1.09	0.0518545		0.547188	99	0.565073	103	0.927642	.928	0.942181	.942	
Copper	0.5	1.74		1.40 - 2.06	0.812852		1.4345	124	1.32988	103	1.70281	1.7	1.67462	1.67	
Lead	0.5	0.860		0.678 - 1.04	3.07482		3.68467	122	3.37008	59 b	0.808267	.808	1.02377	1.02	
Manganese	0.5	5.58		4.53 - 6.64	1.20593		1.70135	99	1.8503	129 a	5.28024	5.28	5.47262	5.47	
Nickel	0.5	1.34		1.04 - 1.65	0.0985965		0.574001	95	0.598802	100	1.34786	1.35	1.3493	1.35	
Selenium	0.5	2.86		2.19 - 3.52	0.018	U	0.489211	98	0.507699	102	2.79734	2.8	2.80085	2.8	
Silver	0.1	0.301		0.200 - 0.402	0.015	U	0.100571	101	0.0976995	98	0.291283	.291	0.286801	.287	
Vanadium	0.5	1.15		0.913 - 1.39	0.187827		0.71018	104	0.730001	108	1.0123	1.01	1.0127	1.01	
Zinc	0.5	5.94		4.72 - 7.17	1.21539		2.00719	158 a	1.94524	146 a	5.85611	5.86	6.52158	6.52	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 02/25/09
Data File: S9990B
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: SOIL
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	LCS Soil	LCS Aq	LCS Rec Limits	Non Spike Conc AC42880-001-14		AC42880-001-16-1X	%REC OR Conc	AC42880-001-17-1X	%REC OR Conc	LCS-12-1X	%REC OR Conc	LCS MR-13-1X	%REC OR Conc	%REC OR Conc
Beryllium	0.5	0.776		0.650 - 0.901	0.006	U	0.499647	100	0.496268	99	0.762366	.762	0.754813	.755	
Thallium	0.5	1.21		0.946 - 1.48	0.012	U	0.492951	99	0.495622	99	1.26438	1.26	1.30016	1.3	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 02/26/09
Data File: S9990C
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: SOIL
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil	Spike Amts LCS Aq	LCS Rec Limits	Non Spike Conc AC42880-001-13	AC42880-001-15-1X	%REC OR Conc	AC42880-001-16-1X	%REC OR Conc	LCS-11-1X	%REC OR Conc	LCS MR-12-1X	%REC OR Conc	%REC OR Conc
Aluminum	5	105		59.1 - 151	32.7514	47.5913	297 b	43.7797	221 b	79.5131	79.5	81.2904	81.3	
Calcium	50	98.7		82.0 - 115	34.5862	87.3188	105	118.081	167 a	97.4361	97.4	97.2971	97.3	
Iron	5	180		91.2 - 269	283.045	321.247	764 b	321.217	763 b	158.205	158	168.433	168	
Magnesium	50	40.0		31.4 - 48.7	11.7939	66.0216	108	62.6502	102	36.5666	36.6	37.4868	37.5	
Potassium	50	43.0		31.6 - 54.4	7.24602	58.3669	102	56.6525	99	38.3147	38.3	39.2316	39.2	
Sodium	50	10.2		7.52 - 12.9	2.55042	53.3892	102	51.9526	99	10.3291	10.3	10.3968	10.4	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 02/25/09
Data File: A9987B2
Prep Batch: 9987
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: AQUEOUS
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil	Spike Amts LCS Aq	LCS Rec Limits	Non Spike Conc AC42818-001-13		AC42818-001-15-1X	%REC OR Conc	AC42818-001-18-1X	%REC OR Conc	LCSW-11-1X	%REC OR Conc	LCSW MR-12-1X	%REC OR Conc	%REC OR Conc
Potassium	50.000		50.000	85 - 115	5	U	48.7206	97	47.7873	96	48.1637	96	48.0498	96	
Sodium	50.000		50.000	85 - 115	5	U	49.9928	100	49.0192	98	48.7638	98	48.6613	97	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 02/26/09
Data File: A9987C2
Prep Batch: 9987
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: AQUEOUS
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	LCS Soil	LCS Aq	LCS Rec Limits	Non Spike Conc AC42818-001-14		AC42818-001-16-1X	%REC OR Conc	AC42818-001-19-1X	%REC OR Conc	LCSW-12-1X	%REC OR Conc	LCSW MR-13-1X	%REC OR Conc	%REC OR Conc
Aluminum	5.000		5.000	85 - 115	0.2	U	4.90476	98	4.89961	98	4.88238	98	4.9021	98	
Antimony	.5000		.5000	85 - 115	0.015	U	0.439185	88	0.455739	91	0.456647	91	0.471873	94	
Arsenic	.5000		.5000	85 - 115	0.04	U	0.482477	96	0.466285	93	0.47546	95	0.483559	97	
Barium	.5000		.5000	85 - 115	0.05	U	0.503819	101	0.503026	101	0.50218	100	0.505027	101	
Beryllium	.5000		.5000	85 - 115	0.008	U	0.486786	97	0.481605	96	0.489048	98	0.493473	99	
Cadmium	.5000		.5000	85 - 115	0.004	U	0.484938	97	0.484508	97	0.485355	97	0.488504	98	
Calcium	50.000		50.000	85 - 115	2	U	48.9485	98	48.4081	97	48.751	98	49.2018	98	
Chromium	.5000		.5000	85 - 115	0.05	U	0.48774	98	0.487614	98	0.488172	98	0.490752	98	
Cobalt	.5000		.5000	85 - 115	0.02	U	0.498032	100	0.485948	97	0.493449	99	0.496292	99	
Copper	.5000		.5000	85 - 115	0.05	U	0.477746	96	0.478449	96	0.479244	96	0.482183	96	
Iron	5.000		5.000	85 - 115	0.3	U	4.63617	93	4.6128	92	4.69593	94	4.80284	96	
Lead	.5000		.5000	85 - 115	0.01	U	0.490603	98	0.479503	96	0.486162	97	0.488444	98	
Magnesium	50.000		50.000	85 - 115	2	U	48.9034	98	48.2131	96	48.9685	98	49.4104	99	
Manganese	.5000		.5000	85 - 115	0.05	U	0.488779	98	0.488463	98	0.489528	98	0.491516	98	
Nickel	.5000		.5000	85 - 115	0.02	U	0.491121	98	0.489866	98	0.491926	98	0.495029	99	
Selenium	.5000		.5000	85 - 115	0.05	U	0.490191	98	0.478902	96	0.485506	97	0.493541	99	
Silver	0.100		0.1000	85 - 115	0.02	U	0.0935404	94	0.0934768	93	0.0942609	94	0.0951458	95	
Thallium	.5000		.5000	85 - 115	0.01	U	0.520554	104	0.510328	102	0.515102	103	0.515981	103	
Vanadium	.5000		.5000	85 - 115	0.05	U	0.472516	95	0.471432	94	0.476564	95	0.481209	96	
Zinc	.5000		.5000	85 - 115	0.05	U	0.511702	102	0.495931	99	0.499952	100	0.500616	100	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 02/26/09
Data File: H9987A
Prep Batch: 9987
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: AQUEOUS
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil	Spike Amts LCS Aq	LCS Rec Limits	Non Spike Conc AC42869-001-14	AC42869-001-16-1X	%REC OR Conc	AC42869-001-17-1X	%REC OR Conc	LCSW-12-1X	%REC OR Conc	LCSW MR-13-1X	%REC OR Conc	%REC OR Conc
Mercury	10		10	85 - 115	0.2 U	10.0119731	100	9.79970577	98	9.99540207	100	9.82804956	98	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 02/26/09
Data File: H9990S
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: SOIL
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil	Spike Amts LCS Aq	LCS Rec Limits	Non Spike Conc AC42880-001-28	AC42880-001-30-2X	%REC OR Conc	AC42880-001-31-2X	%REC OR Conc	LCS 4D-14-4X	%REC OR Conc	LCS MR 4D-15-4X	%REC OR Conc	%REC OR Conc
Mercury	10	50.6		36.3 - 65.3	8.14318314	25.4020109	173 a	12.8087491	47 a	42.6399041	42.6	39.2969331	39.3	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM6/FORM9
RPDS

Date Analyzed: 02/24/09
Data File: S9990A
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC42880-001-14	AC42880-001-15	RPD	LCS-12	LCS MR-13	RPD	AC42880-001-14	AC42880-001-21	%Diff
Antimony	<=20	<=10	0.02 U	0.0221774	---				0.0137139	0.035335	158 Sb
Arsenic	<=20	<=10	0.604029	0.736767	20				0.604029	0.615845	2
Barium	<=20	<=10	1.45770	1.55979	6.8				1.45770	1.490695	2.3
Cadmium	<=20	<=10	0.0079490	0.0119332	40 Nb				0.0079490	0.0064165	19 Sa
Chromium	<=20	<=10	0.146001	0.145011	0.68				0.146001	0.172196	18 Sa
Cobalt	<=20	<=10	0.0518545	0.0493665	4.9				0.0518545	0.071756	38 Sa
Copper	<=20	<=10	0.812852	1.12411	32 Na	1.70281	1.67462	1.7	0.812852	0.847695	4.3
Lead	<=20	<=10	3.07482	3.56494	15				3.07482	3.220665	4.7
Manganese	<=20	<=10	1.20593	1.17238	2.8				1.20593	1.24643	3.4
Nickel	<=20	<=10	0.0985965	0.0856828	14				0.0985965	0.102676	4.1
Selenium	<=20	<=10	0.018 U	0.018 U	---				0.0146857	0.0306735	109 Sb
Silver	<=20	<=10	0.015 U	0.015 U	---				0.0016914	0.001555 U	---
Vanadium	<=20	<=10	0.187827	0.217521	15				0.187827	0.206114	9.7
Zinc	<=20	<=10	1.21539	1.89657	44 Na	5.85611	6.52158	11	1.21539	1.27889	5.2

Flags:

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

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 02/25/09
Data File: S9990B
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC42880-001-14	AC42880-001-15	RPD	LCS-12	LCS MR-13	RPD	AC42880-001-14	AC42880-001-21	%Diff
Beryllium	<=20	<=10	0.006 U	0.006 U	---				0.0052060	0.0067445	30 Sa
Thallium	<=20	<=10	0.012 U	0.012 U	---				0.00167 U	0.00835 U	---

Flags:

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

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 02/25/09
Data File: S9990C
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC42880-001-13	AC42880-001-14	RPD	LCS-11	LCS MR-12	RPD	AC42880-001-13	AC42880-001-20	%Diff
Aluminum	<=20	<=10	32.7514	36.5958	11				32.7514	33.57895	2.5
Calcium	<=20	<=10	34.5862	42.3673	20				34.5862	33.9582	1.8
Iron	<=20	<=10	283.045	313.618	10				283.045	282.292	0.27
Magnesium	<=20	<=10	11.7939	14.8080	23 Nb				11.7939	11.62195	1.5
Potassium	<=20	<=10	7.24602	8.41519	15				7.24602	9.44945	30 Sa
Sodium	<=20	<=10	2.55042	2.67524	4.8				2.55042	2.626335	3

Flags:

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

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 02/25/09
Data File: A9987B2
Prep Batch: 9987
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC42818-001-13	AC42818-001-14	RPD	LCSW-11	LCSW MR-12	RPD	AC42818-001-13	AC42818-001-20	%Diff
Potassium	<=20	<=10	5 U	5 U	---				0.197665	0.97252	392 Sb
Sodium	<=20	<=10	5 U	5 U	---				1.08446	1.392605	28 Sb

Flags:

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

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 02/26/09
Data File: A9987C2
Prep Batch: 9987
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC42818-001-14	AC42818-001-15	RPD	LCSW-12	LCSW MR-13	RPD	AC42818-001-14	AC42818-001-21	%Diff
Aluminum	<=20	<=10	0.2 U	0.2 U	---				.036304 U	0.325951	---
Antimony	<=20	<=10	.015 U	.015 U	---				.004737 U	0.0482915	---
Arsenic	<=20	<=10	0.040 U	0.040 U	---				.005201 U	0.026005 U	---
Barium	<=20	<=10	.05 U	.05 U	---				0.0017717	0.0026755	51 Sb
Beryllium	<=20	<=10	.008 U	.008 U	---				0.0002051	0.0006465	215 Sb
Cadmium	<=20	<=10	.004 U	.004 U	---				.000596 U	0.00298 U	---
Calcium	<=20	<=10	2 U	2 U	---				0.257207	0.32803	28 Sb
Chromium	<=20	<=10	0.05 U	0.05 U	---				.000733 U	0.003665 U	---
Cobalt	<=20	<=10	.02 U	.02 U	---				.000468 U	0.00234 U	---
Copper	<=20	<=10	0.050 U	0.050 U	---				.00168 U	0.0084 U	---
Iron	<=20	<=10	0.300 U	0.300 U	---				0.0311190	0.057752	86 Sb
Lead	<=20	<=10	0.010 U	0.010 U	---				.001921 U	0.009605 U	---
Magnesium	<=20	<=10	2 U	2 U	---				.054123 U	0.270615 U	---
Manganese	<=20	<=10	.05 U	.05 U	---				0.0014262	0.0020375	43 Sb
Nickel	<=20	<=10	.02 U	.02 U	---				.000760 U	0.0038 U	---
Selenium	<=20	<=10	0.05 U	0.05 U	---				.01111 U	0.05555 U	---
Silver	<=20	<=10	0.02 U	0.02 U	---				.0006037 U	0.0030185 U	---
Thallium	<=20	<=10	.010 U	.010 U	---				.006715 U	0.033575 U	---
Vanadium	<=20	<=10	.05 U	.05 U	---				.001185 U	0.005925 U	---
Zinc	<=20	<=10	.05 U	.05 U	---				0.0091453	0.027795	204 Sb

Flags:

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

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 02/26/09
Data File: H9990S
Prep Batch: 9990
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC42880-001-28	AC42880-001-29	RPD	LCS 4D-14	LCS MR 4D-15	RPD			%Diff
Mercury	<=20	<=10	4.07159157	2.35732947	53 Nb						

Flags:

Na::Method Rep outside of Qc Limits
Nb :Method Rep out but concentrations < 5* Reporting Limits
U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
Lm:Lcs Rpd Out
Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 02/26/09
Data File: H9987A
Prep Batch: 9987
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022301

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC42869-001-14	AC42869-001-15	RPD	LCSW-12	LCSW MR-13	RPD			%Diff
Mercury	<=20	<=10	0.2 U	0.2 U	---						

Flags:

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

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
E: Serial Dilution outside of qc limits CLP

Metal Data
Verification of Instrument Parameters

INTERELEMENT CORRECTION SUMMARY
PEICP1

Interfering Elements

Interfered Elements	Al	Ca	Fe	Mg	Mn	Zn	Ti	Mo
Al	N/A	0	0	0	0	0	0	0
Sb	0.0644	0	0	0	0	0	1.63	-13.9
As	0	0	-0.0652	0	0	0	-4.03	4.4
Ba	0.0202	0	0	0	0	0	0	0
Be	0	0	-0.0893	0	0	0	0	0
Cd	0	0	0.0958	0	0	0	0	0
Ca	0	N/A	0	0	0	0	0	0
Cr	0	0	0	0	0	-10	0	0.5
Co	0	0	0	0	0	0	2.6	-0.921
Cu	0	0.016	0	0	0	0	0	0
Fe	0	0	N/A	0	0	0	0	0
Pb	-0.134	-0.0154	0.0288	0	0	0	-0.639	-1.55
Mg	0	0	0	N/A	0	0	0	0
Mn	0	0	0	0	N/A	0	0	0
Mo	-0.0183	0	-0.0823		0	0	0	N/A
Ni	0.0121	0	0.218	0	0	0	0	-0.45
Se	0	0	-0.27	0	0.687	0	0	0
Ag	0	-0.0144	0	0	0	0	0	-0.254
Tl	-0.0127	0	-0.0461	0	0.474	0	-13.3	-1.02
Sn	0	-0.0874	0	0.0657	0	0	-0.739	0
Ti	0	0	0	0	0	0	N/A	0
V	0	0	0	0.249	0	0	0.522	-7.45
Zn	0	0	0	0	0	0	0	0.789

INTERELEMENT CORRECTION SUMMARY
PEICP2

Interfered Elements	Interfering Elements							
	Al	Ca	Fe	Mg	Mn	Mo	Ti	Zn
Al	N/A	0	0	0	0	14.504	0	0
Sb	0.02556	0	0.0693	0	0	0	-2.20139	0
As	0.081	0.2358	0.0297	0.03978	0	0.411	1.4742	0.2053
Ba	0.01734	0	0.01789	0	0	0	0	0
Be	0	0	0	0	0	0	0.714	0
Cd	0	0	0	0	0	0	0	0
Ca	0	N/A	0	0	0	0	0	0
Cr	0	0	0	0	0	-7.274	0	0
Co	0	0	0	0	0	-4.266	2.20968	0
Cu	0	0	0	0	0	0	0	0
Fe	0	0	N/A	0	0	0	0	0
Pb	0.5421	-0.0438	0		0	-2.327	0	0
Mg	0	0	0	N/A	0	0	0	0
Mn	0	0	0	0	N/A		0	0
Mo	-0.0146678	0.0576	0	0	0	N/A	0	17.1057
Ni	0	0	0	0	0	-0.749	0	0
Se	0.164	-0.132	0	0	-0.602154	0	0	0
Ag	0	0	0	0	0	0	0	0
Tl	-0.03761	0	0	-0.0238	1.7854	-1.3003	0.7781	0
Sn	0	0.0932	0	0	0	0	0	0
Ti	0	0	0	0	0	0	N/A	0
V	0	0	0	0	0	-4.40122	0	0
Zn	0	0	0	0	0	0	0	N/A

LINEAR RANGES
PE ICP 1
AXIAL

ELEMENT	LINEAR RANGE (PPM)
Al	500
Sb	50
As	10
Ba	50
Be	30
Cd	50
Ca	600
Cr	50
Co	50
Cu	50
Fe	500
Pb	50
Mg	1000
Mn	30
Mo	50
Ni	50
Se	50
Ag	2
Tl	50
Sn	10
Ti	50
V	20
Zn	50

Al and As analyzed on 12/12/08. Ag and Sn analyzed on 12/15/08. All other elements analyzed on 12/05/08.

LINEAR RANGES
PE ICP 2
Axial

ELEMENT	LINEAR RANGE (PPM)
Al	500
Sb	40
As	50
Ba	50
Be	4
Cd	50
Ca	500
Cr	50
Co	50
Cu	50
Fe	500
Pb	50
Mg	800
Mn	50
Mo	50
Ni	50
Se	50
Ag	2
Tl	50
Sn	50
Ti	40
V	50
Zn	50

All elements ran on 8/29/08 except Ag which was ran on 9/2/08 and As, Se ran on 8/28/08

LINEAR RANGES
PE ICP 1
RADIAL

ELEMENT	LINEAR RANGE (PPM)
Al	1000
Ca	1000
Fe	1000
Mg	1000
Mn	50
K	1000
Na	1000
Ti	50

LINEAR RANGES
PE ICP 2
Radial

ELEMENT	LINEAR RANGE (PPM)
Al	1000
Ca	1000
Fe	1000
Mg	1000
K	1000
Na	1000
Mn	50
Ti	50

Run on 6/27/08. All radial elements.

Metal Data
Raw Data

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-56935

Prepared By: Soules, John
Description: 5% Potassium Permanganate
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 20 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3758	Potassium Permanganate	1000 g	neat neat	

Veritech Lot Number: V-56936

Prepared By: Soules, John
Description: Hydroxylamine Hydrochloride
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3468	Hydroxylamine Hydrochloride	1200 g	neat neat	
3562	Sodium Chloride	1200 g	neat neat	

Veritech Lot Number: V-61407

Prepared By: Adelartey, Olufemi
Description: Hg intermediate Standard
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5261
Concentration: .025 ppm
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	500 ml		
3253	MERCIRY	.125 ml	1007 ug/ml	
3865	Nitric Acid	12.5 ml	neat neat	

Veritech Lot Number: V-61408

Prepared By: Adelartey, Olufemi
Description: Hg intermediate Control
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5261
Concentration: 1.0 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	100 ml		
3865	Nitric Acid	2.5 ml	neat neat	
3230	Mercury	.1 ml	1000 mg/l	

Veritech Lot Number: V-61433

Prepared By: Rivas, Maxine
Description: Hg Soil ICV soil
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5264
Concentration: 20 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61408	Hg intermediate Control	.5 ml	1.0 ppm	
V-61443	Auqaregia	1.25 ml	reagent reag	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	27 ml		

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61434

Prepared By: Rivas, Maxine
Description: Hg soil CCV 10ppb
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5264
Concentration: 10 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61408	Hg intermediate Control	.25 ml	1.0 ppm	
V-61443	Auqaregia	1.25 ml	reagent reag	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
1014	DI water (fill to volume)	27.25 ml		

Veritech Lot Number: V-61435

Prepared By: Rivas, Maxine
Description: Hg soil standard blk
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5264
Concentration: 0 ppm
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61443	Auqaregia	1.25 ml	reagent reag	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	27.5 ml		

Veritech Lot Number: V-61436

Prepared By: Rivas, Maxine
Description: Hg soil standard .2 ppb
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5264
Concentration: .2 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61407	Hg intermediate Standard	.02 ml	.025 ppm	
V-61443	Auqaregia	1.25 ml	reagent reag	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	27.5 ml		

Veritech Lot Number: V-61437

Prepared By: Rivas, Maxine
Description: Hg soil standard .5 ppb
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5264
Concentration: .5 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61407	Hg intermediate Standard	.05 ml	.025 ppm	
V-61443	Auqaregia	1.25 ml	reagent reag	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	27.5 ml		

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61438

Prepared By: Rivas, Maxine
Description: Hg soil standard 1 ppb
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5264
Concentration: 1 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61407	Hg intermediate Standard	.1 ml	.025 ppm	
V-61443	Auqaregia	1.25 ml	reagent reag	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	27.5 ml		

Veritech Lot Number: V-61439

Prepared By: Rivas, Maxine
Description: Hg soil standard 2 ppb
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5264
Concentration: 2 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61407	Hg intermediate Standard	.2 ml	.025 ppm	
V-61443	Auqaregia	1.25 ml	reagent reag	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	27.5 ml		

Veritech Lot Number: V-61440

Prepared By: Rivas, Maxine
Description: Hg soil standard 5 ppb
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5264
Concentration: 5 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61407	Hg intermediate Standard	.5 ml	.025 ppm	
V-61443	Auqaregia	1.25 ml	reagent reag	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
1014	DI water (fill to volume)	27 ml		
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	

Veritech Lot Number: V-61441

Prepared By: Rivas, Maxine
Description: Hg soil standard 10 ppb
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5264
Concentration: 10 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61407	Hg intermediate Standard	1 ml	.025 ppm	
V-61443	Auqaregia	1.5 ml	reagent reag	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	26.5 ml		

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61442

Prepared By:	Rivas, Maxine	Department:	Metals
Description:	Hg soil standard 25 ppb	BatchNumber:	B-5264
Prep Date:	2/24/2009	Concentration:	25 ppb
Expiration Date:	2/24/2009	Final Volume:	34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61407	Hg intermediate Standard	2.5 ml	.025 ppm	
V-61443	Auqaregia	1.5 ml	reagent reag	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
1014	DI water (fill to volume)	25 ml		

Veritech Lot Number: V-61443

Prepared By:	Rivas, Maxine	Department:	Metals
Description:	Auqaregia	BatchNumber:	B-5264
Prep Date:	2/24/2009	Concentration:	reagent reagent
Expiration Date:	2/24/2009	Final Volume:	40 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3707	Hydrochloric Acid	30 ml	neat neat	
3769	nitric acid	10 ml	neat neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 3230

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	PLHG4-2Y	14-04HG	04/15/08	04/14/09	Miller,Gael E.	1	100ml	1000	mg/L

Veritech Control/Receipt Number: 3253

Description
MERCIRY

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	HGP1-1-1	HGP1J	04/21/08	04/20/09	Miller,Gael E.	1	100M	1007	UG/ML

Veritech Control/Receipt Number: 3468

Description
Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	071243	07/17/08	07/16/11	Miller,Gael E.	2	1kg	neat	neat

Veritech Control/Receipt Number: 3562

Description
Sodium Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S271-10	081746	08/29/08	08/28/10	Lopez, Jose	1	10Kg	neat	neat

Veritech Control/Receipt Number: 3707

Description
Hydrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK212	4108031	11/04/08	11/03/09	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Control/Receipt Number: 3758

Description
Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P279-212	082890	11/22/08	11/21/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3769

Description
nitric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A509Sk212	1108040	12/11/08	12/10/09	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 3865

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK212	1108040	01/26/09	01/25/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-56935

Prepared By: Soules, John
Description: 5% Potassium Permanganate
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 20 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3758	Potassium Permanganate	1000 g	neat neat	

Veritech Lot Number: V-56936

Prepared By: Soules, John
Description: Hydroxylamine Hydrochloride
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3468	Hydroxylamine Hydrochloride	1200 g	neat neat	
3562	Sodium Chloride	1200 g	neat neat	

Veritech Lot Number: V-58638

Prepared By: Balashanthan, Shiamala
Description: ICS2 - Middle Std
Prep Date: 1/8/2009
Expiration Date: 4/7/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3707	Hydrochloric Acid	50 ml	neat neat	
3706	Nitric Acid	50 ml	neat neat	
3410	ICSA	5 ml	NEAT neat	
3411	ICSB	5 ml	NEAT neat	
3412	ICSC	5 ml	NEAT neat	

Veritech Lot Number: V-59119

Prepared By: Balashanthan, Shiamala
Description: ICS 1 INTERMEDIATE
Prep Date: 1/15/2009
Expiration Date: 4/14/2009
Department: Metals
BatchNumber:
Concentration: various mg/l
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3706	Nitric Acid	5 ml	neat neat	
3275	ARSENIC 1000 PPM	.5 ml	1000 ug/ml	5 mg/l
3277	BERYLLIUM 1000PPM	.3 ml	1001 ug/ml	3 mg/l
3280	CADMIUM 1000PPM	.3 ml	1005 ug/ml	3 mg/l
3285	LEAD 1000PPM	.4 ml	1004 ug/ml	4 mg/l
3265	THALLIUM 1000PPM	.5 ml	1001 ug/ml	5 mg/l

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-59477

Prepared By: Balashanthan, Shiamala
Description: ICSA
Prep Date: 1/22/2009
Expiration Date: 4/21/2009
Department: Metals
BatchNumber:
Concentration: MULTI mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3535	ICSA	50 ml	NEAT neat	
3706	Nitric Acid	50 ml	neat neat	
3707	Hydrochloric Acid	50 ml	neat neat	

Veritech Lot Number: V-59532

Prepared By: Balashanthan, Shiamala
Description: ICS1A Lowest std
Prep Date: 1/23/2009
Expiration Date: 4/14/2009
Department: Metals
BatchNumber:
Concentration: various mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3707	Hydrochloric Acid	50 ml	neat neat	
3769	nitric acid	50 ml	neat neat	
V-59119	ICS 1 INTERMEDIATE	1 ml	various mg/l	

Veritech Lot Number: V-60050

Prepared By: Balashanthan, Shiamala
Description: ICS1- Low Std
Prep Date: 1/30/2009
Expiration Date: 4/29/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	25 ml	neat neat	
3768	hidrochloric acid	25 ml	neat neat	
3410	ICSA	.05 ml	NEAT neat	
3411	ICSB	.05 ml	NEAT neat	
3412	ICSC	.05 ml	NEAT neat	

Veritech Lot Number: V-60051

Prepared By: Balashanthan, Shiamala
Description: ICS3 - High std
Prep Date: 1/30/2009
Expiration Date: 4/29/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	25 ml	neat neat	
3768	hidrochloric acid	25 ml	neat neat	
3410	ICSA	5 ml	NEAT neat	
3411	ICSB	5 ml	NEAT neat	
3412	ICSC	5 ml	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60254

Prepared By: Balashanthan, Shiamala
Description: ICS2 - Middle Std
Prep Date: 2/4/2009
Expiration Date: 5/3/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	50 ml	neat neat	
3768	hidrochloric acid	50 ml	neat neat	
3410	ICSA	5 ml	NEAT neat	
3411	ICSB	5 ml	NEAT neat	
3412	ICSC	5 ml	NEAT neat	

Veritech Lot Number: V-60255

Prepared By: Balashanthan, Shiamala
Description: ICS3 - High std
Prep Date: 2/4/2009
Expiration Date: 5/3/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	25 ml	neat neat	
3768	hidrochloric acid	25 ml	neat neat	
3410	ICSA	5 ml	NEAT neat	
3411	ICSB	5 ml	NEAT neat	
3412	ICSC	5 ml	NEAT neat	

Veritech Lot Number: V-60256

Prepared By: Balashanthan, Shiamala
Description: CCV
Prep Date: 2/4/2009
Expiration Date: 5/3/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	50 ml	neat neat	
3768	hidrochloric acid	50 ml	neat neat	
3519	ICV1	10 ml	neat neat	
3520	ICV2	10 ml	neat neat	

Veritech Lot Number: V-60572

Prepared By: Balashanthan, Shiamala
Description: ICV
Prep Date: 2/6/2009
Expiration Date: 5/5/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	25 ml	neat neat	
3768	hidrochloric acid	25 ml	neat neat	
3519	ICV1	10 ml	neat neat	
3520	ICV2	10 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61024

Prepared By: Balashanthan, Shiamala
Description: ICSAB
Prep Date: 2/17/2009
Expiration Date: 5/16/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3800	ICSAB	10 ml	NEAT neat	
3769	nitric acid	50 ml	neat neat	
3535	ICSA	50 ml	NEAT neat	
3707	Hydrochloric Acid	50 ml	neat neat	

Veritech Lot Number: V-61025

Prepared By: Balashanthan, Shiamala
Description: ICB/CCB
Prep Date: 2/17/2009
Expiration Date: 5/16/2009
Department: Metals
BatchNumber:
Concentration: 0 mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3768	hidrochloric acid	50 ml	neat neat	
3769	nitric acid	50 ml	neat neat	

Veritech Lot Number: V-61391

Prepared By: Adelartey, Olufemi
Description: 1:1 HNO3
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Metals
BatchNumber:
Concentration: Reagent
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3865	Nitric Acid	1000 ml	neat neat	
1014	DI water (fill to volume)			

Veritech Lot Number: V-61408

Prepared By: Adelartey, Olufemi
Description: Hg intermediate Control
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: Metals
BatchNumber: B-5261
Concentration: 1.0 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	100 ml		
3865	Nitric Acid	2.5 ml	neat neat	
3230	Mercury	.1 ml	1000 mg/l	

Veritech Lot Number: V-61539

Prepared By: Soules, John
Description: SnCl2
Prep Date: 2/26/2009
Expiration Date: 2/26/2009
Department: Metals
BatchNumber: B-5273
Concentration: 1.1% SnCl2 in 3%
Final Volume: 1000

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2409	Stannous Chloride	13.2 g	neat neat	
V-61540	3% HCL	1000 ml	reagent reag	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61540

Prepared By:	Soules, John	Department:	Metals
Description:	3% HCL	BatchNumber:	B-5273
Prep Date:	2/26/2009	Concentration:	reagent reagent
Expiration Date:	2/26/2009	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	10000 ml		
3707	Hydrochloric Acid	300 ml	neat neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 2409

Description
Stannous Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	T142-3	066323	05/09/07	05/08/10	Miller,Gael E.	1	3kg	neat	neat

Veritech Control/Receipt Number: 3230

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	PLHG4-2Y	14-04HG	04/15/08	04/14/09	Miller,Gael E.	1	100ml	1000	mg/L

Veritech Control/Receipt Number: 3265

Description
THALLIUM 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	TLP1-1-1	TLP1K	04/21/08	04/20/09	Miller,Gael E.	1	100M	1001	UG/ML

Veritech Control/Receipt Number: 3275

Description
ARSENIC 1000 PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	ASP1-1-1	ASP1M	04/21/08	04/20/09	Miller,Gael E.	1	100M	1000	UG/ML

Veritech Control/Receipt Number: 3277

Description
BERYLLIUM 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	BEP1-1-1	BEP1K	04/21/08	04/20/09	Miller,Gael E.	1	100M	1001	UG/ML

Veritech Control/Receipt Number: 3280

Description
CADMIUM 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	CDP1-1-1	CDP1J	04/21/08	04/20/09	Miller,Gael E.	1	100M	1005	UG/ML

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3285

Description
LEAD 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	PBP1-1-1	PBP1N	04/21/08	04/20/09	Miller,Gael E.	1	100M	1004	UG/ML

Veritech Control/Receipt Number: 3410

Description
ICSA

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	08F074	06/18/08	06/17/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3411

Description
ICSB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	08F074	06/18/08	06/17/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3412

Description
ICSC

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	08F074	06/18/08	06/17/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3468

Description
Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	071243	07/17/08	07/16/11	Miller,Gael E.	2	1kg	neat	neat

Veritech Control/Receipt Number: 3519

Description
ICV1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	XHCV-7	12-147JB	08/06/08	08/05/09	Miller,Gael E.	2	500ml	neat	neat

Veritech Control/Receipt Number: 3520

Description
ICV2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	XHCV-8	12-146JB	08/06/08	08/05/09	Miller,Gael E.	2	500ml	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3535

Description
ICSA

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG LABS	ZHAMPTON#1	084929	08/15/08	08/14/09	Miller,Gael E.	4	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3562

Description
Sodium Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S271-10	081746	08/29/08	08/28/10	Lopez, Jose	1	10Kg	neat	neat

Veritech Control/Receipt Number: 3706

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK212	1108040	11/04/08	11/03/09	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Control/Receipt Number: 3707

Description
Hydrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK212	4108031	11/04/08	11/03/09	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Control/Receipt Number: 3758

Description
Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P279-212	082890	11/22/08	11/21/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Control/Receipt Number: 3768

Description
hidrochloric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A508Sk212	4108031	12/11/08	12/10/09	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 3769

Description
nitric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A509Sk212	1108040	12/11/08	12/10/09	Lopez, Jose	12	2.5L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3800

Description
ICSAB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG LABS	ZHAMPTON#2	087967	01/06/09	12/01/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3865

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK212	1108040	01/26/09	01/25/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3306

Description
Hydrogen Peroxide

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H325-4	076269	05/01/08	05/01/09	Lopez, Jose	2	4L	neat	neat

Veritech Control/Receipt Number: 3768

Description
hidrochloric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A508Sk212	4108031	12/11/08	12/10/09	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 3769

Description
nitric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A509Sk212	1108040	12/11/08	12/10/09	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 3788

Description
ICV2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-8	14-180JB	12/23/08	12/14/09	Miller,Gael E.	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3789

Description
ICV1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-7	14-181JB	12/23/08	12/14/09	Miller,Gael E.	2	500 M	NEAT	NEAT

Veritech Control/Receipt Number: 3815

Description
LCS

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ERA	540	D062-540	01/08/09	01/07/10	Miller,Gael E.	2	40g	neat	neat

Veritech Control/Receipt Number: 3865

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK212	1108040	01/26/09	01/25/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-56935

Prepared By: Soules, John
Description: 5% Potassium Permanganate
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 20 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3758	Potassium Permanganate	1000 g	neat neat	

Veritech Lot Number: V-56936

Prepared By: Soules, John
Description: Hydroxylamine Hydrochloride
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3468	Hydroxylamine Hydrochloride	1200 g	neat neat	
3562	Sodium Chloride	1200 g	neat neat	

Veritech Lot Number: V-56940

Prepared By: Soules, John
Description: 5% Potassium Persulfate
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3489	Potassium Persulfate	500 g	neat neat	

Veritech Lot Number: V-61472

Prepared By: Rivas, Maxine
Description: Hg intermediate Standard
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: Metals
BatchNumber: B-5267
Concentration: .025 ppm
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	500 ml		
3253	MERCIRY	.125 ml	1007 ug/ml	
3865	Nitric Acid	12.5 ml	neat neat	

Veritech Lot Number: V-61473

Prepared By: Rivas, Maxine
Description: Hg intermediate Control
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: Metals
BatchNumber: B-5267
Concentration: 1.0 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	100 ml		
3865	Nitric Acid	2.5 ml	neat neat	
3230	Mercury	.1 ml	1000 mg/l	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61495

Prepared By: Rivas, Maxine
Description: Hg aqueous ICV 20ppb
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: Metals
BatchNumber: B-5270
Concentration: 20 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61473	Hg intermediate Control	.5 ml	1.0 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	24.5 ml		

Veritech Lot Number: V-61496

Prepared By: Rivas, Maxine
Description: Hg aqueous CCV 10ppb
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: Metals
BatchNumber: B-5270
Concentration: 10 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61473	Hg intermediate Control	.25 ml	1.0 ppm	
V-56936	Hydroxylamine Hydrochloride	1.5	reagent	
3865	Nitric Acid	.625 ml	neat neat	
3613	Sulfuric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	2 ml	reagent	
1014	DI water (fill to volume)	24.75 ml		

Veritech Lot Number: V-61497

Prepared By: Rivas, Maxine
Description: Hg aqueous standard blk
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: Metals
BatchNumber: B-5270
Concentration: 0 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3865	Nitric Acid	.625 ml	neat neat	
3613	Sulfuric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	25 ml		

Veritech Lot Number: V-61498

Prepared By: Rivas, Maxine
Description: Hg aqueous standard .2 ppb
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: Metals
BatchNumber: B-5270
Concentration: .2 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61472	Hg intermediate Standard	.02 ml	.025 ppm	
3865	Nitric Acid	1.25 ml	neat neat	
V-56940	5% Potassium Persulfate	2 ml	reagent	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
3613	Sulfuric Acid	.625 ml	neat neat	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	25 ml		

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61499

Prepared By: Rivas, Maxine
Description: Hg aqueous standard .5 ppb
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: Metals
BatchNumber: B-5270
Concentration: .5 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61472	Hg intermediate Standard	.05 ml	.025 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	1.5 ml	reagent	
1014	DI water (fill to volume)	25 ml		

Veritech Lot Number: V-61500

Prepared By: Rivas, Maxine
Description: Hg aqueous standard 1 ppb
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: Metals
BatchNumber: B-5270
Concentration: 1 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61472	Hg intermediate Standard	.1 ml	.025 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	1.5 ml	reagent	
1014	DI water (fill to volume)	25 ml		

Veritech Lot Number: V-61501

Prepared By: Rivas, Maxine
Description: Hg aqueous standard 2 ppb
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: Metals
BatchNumber: B-5270
Concentration: 2 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61472	Hg intermediate Standard	.2 ml	.025 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	1.5 ml	reagent	
1014	DI water (fill to volume)	25 ml		

Veritech Lot Number: V-61502

Prepared By: Rivas, Maxine
Description: Hg aqueous standard 5 ppb
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: Metals
BatchNumber: B-5270
Concentration: 5 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61472	Hg intermediate Standard	.5 ml	.025 ppm	
V-56936	Hydroxylamine Hydrochloride	3.75 ml	reagent	
3865	Nitric Acid	1.25 ml	neat neat	
3613	Sulfuric Acid	.625 ml	neat neat	
V-56940	5% Potassium Persulfate	1.5 ml	reagent	
V-56935	5% Potassium Permanganate	2 ml	reagent	
1014	DI water (fill to volume)	24.5 ml		

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61503

Prepared By:	Rivas, Maxine	Department:	Metals
Description:	Hg aqueous standard 10 ppb	BatchNumber:	B-5270
Prep Date:	2/25/2009	Concentration:	10 ppb
Expiration Date:	2/25/2009	Final Volume:	34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61472	Hg intermediate Standard	1 ml	.025 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	24 ml		

Veritech Lot Number: V-61504

Prepared By:	Rivas, Maxine	Department:	Metals
Description:	Hg aqueous standard 25 ppb	BatchNumber:	B-5270
Prep Date:	2/25/2009	Concentration:	25 ppb
Expiration Date:	2/25/2009	Final Volume:	34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61472	Hg intermediate Standard	2.5 ml	.025 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	1.5 ml	reagent	
1014	DI water (fill to volume)	22.5 ml		

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 3230

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	PLHG4-2Y	14-04HG	04/15/08	04/14/09	Miller,Gael E.	1	100ml	1000	mg/L

Veritech Control/Receipt Number: 3253

Description
MERCIRY

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	HGP1-1-1	HGP1J	04/21/08	04/20/09	Miller,Gael E.	1	100M	1007	UG/ML

Veritech Control/Receipt Number: 3468

Description
Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	071243	07/17/08	07/16/11	Miller,Gael E.	2	1kg	neat	neat

Veritech Control/Receipt Number: 3489

Description
Potassium Persulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P282-500	083661	07/26/08	07/25/11	Miller,Gael E.	2	500g	neat	neat

Veritech Control/Receipt Number: 3562

Description
Sodium Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S271-10	081746	08/29/08	08/28/10	Lopez, Jose	1	10Kg	neat	neat

Veritech Control/Receipt Number: 3613

Description
Sulfuric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A510SK-212	3108030	09/19/08	09/18/09	Lopez, Jose	6	2.5l	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3758

Description
Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P279-212	082890	11/22/08	11/21/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Control/Receipt Number: 3865

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK212	1108040	01/26/09	01/25/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53292

Prepared By: Adelartey, Olufemi
Description: 1:4 HCl
Prep Date: 10/3/2008
Expiration Date: 4/2/2009
Department: Metals
BatchNumber:
Concentration: Reagent reagent
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	800 ml		
3550	hydrochloric acid	200 ml	neat neat	

Veritech Lot Number: V-56935

Prepared By: Soules, John
Description: 5% Potassium Permanganate
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 20 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3758	Potassium Permanganate	1000 g	neat neat	

Veritech Lot Number: V-56936

Prepared By: Soules, John
Description: Hydroxylamine Hydrochloride
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3468	Hydroxylamine Hydrochloride	1200 g	neat neat	
3562	Sodium Chloride	1200 g	neat neat	

Veritech Lot Number: V-56940

Prepared By: Soules, John
Description: 5% Potassium Persulfate
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3489	Potassium Persulfate	500 g	neat neat	

Veritech Lot Number: V-58580

Prepared By: Adelartey, Olufemi
Description: 1:1 HCl
Prep Date: 1/8/2009
Expiration Date: 7/7/2009
Department: Metals
BatchNumber:
Concentration: Reagent
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	1000 ml		
3707	Hydrochloric Acid	1000 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-59119

Prepared By: Balashanthan, Shiamala
Description: ICS 1 INTERMEDIATE
Prep Date: 1/15/2009
Expiration Date: 4/14/2009
Department: Metals
BatchNumber:
Concentration: various mg/l
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3706	Nitric Acid	5 ml	neat neat	
3275	ARSENIC 1000 PPM	.5 ml	1000 ug/ml	5 mg/l
3277	BERYLLIUM 1000PPM	.3 ml	1001 ug/ml	3 mg/l
3280	CADMIUM 1000PPM	.3 ml	1005 ug/ml	3 mg/l
3285	LEAD 1000PPM	.4 ml	1004 ug/ml	4 mg/l
3265	THALLIUM 1000PPM	.5 ml	1001 ug/ml	5 mg/l

Veritech Lot Number: V-59532

Prepared By: Balashanthan, Shiamala
Description: ICS1A Lowest std
Prep Date: 1/23/2009
Expiration Date: 4/14/2009
Department: Metals
BatchNumber:
Concentration: various mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3707	Hydrochloric Acid	50 ml	neat neat	
3769	nitric acid	50 ml	neat neat	
V-59119	ICS 1 INTERMEDIATE	1 ml	various mg/l	

Veritech Lot Number: V-60050

Prepared By: Balashanthan, Shiamala
Description: ICS1- Low Std
Prep Date: 1/30/2009
Expiration Date: 4/29/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3768	hidrochloric acid	25 ml	neat neat	
3769	nitric acid	25 ml	neat neat	
3410	ICSA	.05 ml	NEAT neat	
3411	ICSB	.05 ml	NEAT neat	
3412	ICSC	.05 ml	NEAT neat	

Veritech Lot Number: V-60052

Prepared By: Balashanthan, Shiamala
Description: ICSA
Prep Date: 1/30/2009
Expiration Date: 4/29/2009
Department: Metals
BatchNumber:
Concentration: MULTI mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3535	ICSA	50 ml	NEAT neat	
3768	hidrochloric acid	50 ml	neat neat	
3769	nitric acid	50 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60254

Prepared By: Balashanthan, Shiamala
Description: ICS2 - Middle Std
Prep Date: 2/4/2009
Expiration Date: 5/3/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	50 ml	neat neat	
3768	hidrochloric acid	50 ml	neat neat	
3410	ICSA	5 ml	NEAT neat	
3411	ICSB	5 ml	NEAT neat	
3412	ICSC	5 ml	NEAT neat	

Veritech Lot Number: V-60255

Prepared By: Balashanthan, Shiamala
Description: ICS3 - High std
Prep Date: 2/4/2009
Expiration Date: 5/3/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	25 ml	neat neat	
3768	hidrochloric acid	25 ml	neat neat	
3410	ICSA	5 ml	NEAT neat	
3411	ICSB	5 ml	NEAT neat	
3412	ICSC	5 ml	NEAT neat	

Veritech Lot Number: V-60256

Prepared By: Balashanthan, Shiamala
Description: CCV
Prep Date: 2/4/2009
Expiration Date: 5/3/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	50 ml	neat neat	
3768	hidrochloric acid	50 ml	neat neat	
3519	ICV1	10 ml	neat neat	
3520	ICV2	10 ml	neat neat	

Veritech Lot Number: V-60572

Prepared By: Balashanthan, Shiamala
Description: ICV
Prep Date: 2/6/2009
Expiration Date: 5/5/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	25 ml	neat neat	
3768	hidrochloric acid	25 ml	neat neat	
3519	ICV1	10 ml	neat neat	
3520	ICV2	10 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61024

Prepared By: Balashanthan, Shiamala
Description: ICSAB
Prep Date: 2/17/2009
Expiration Date: 5/16/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3800	ICSAB	10 ml	NEAT neat	
3769	nitric acid	50 ml	neat neat	
3535	ICSA	50 ml	NEAT neat	
3707	Hydrochloric Acid	50 ml	neat neat	

Veritech Lot Number: V-61025

Prepared By: Balashanthan, Shiamala
Description: ICB/CCB
Prep Date: 2/17/2009
Expiration Date: 5/16/2009
Department: Metals
BatchNumber:
Concentration: 0 mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3768	hidrochloric acid	50 ml	neat neat	
3769	nitric acid	50 ml	neat neat	

Veritech Lot Number: V-61391

Prepared By: Adelartey, Olufemi
Description: 1:1 HNO3
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Metals
BatchNumber:
Concentration: Reagent
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3865	Nitric Acid	1000 ml	neat neat	
1014	DI water (fill to volume)			

Veritech Lot Number: V-61473

Prepared By: Rivas, Maxine
Description: Hg intermediate Control
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: Metals
BatchNumber: B-5267
Concentration: 1.0 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	100 ml		
3865	Nitric Acid	2.5 ml	neat neat	
3230	Mercury	.1 ml	1000 mg/l	

Veritech Lot Number: V-61539

Prepared By: Soules, John
Description: SnCl2
Prep Date: 2/26/2009
Expiration Date: 2/26/2009
Department: Metals
BatchNumber: B-5273
Concentration: 1.1% SnCl2 in 3%
Final Volume: 1000

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2409	Stannous Chloride	13.2 g	neat neat	
V-61540	3% HCL	1000 ml	reagent reag	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61540

Prepared By:	Soules, John	Department:	Metals
Description:	3% HCL	BatchNumber:	B-5273
Prep Date:	2/26/2009	Concentration:	reagent reagent
Expiration Date:	2/26/2009	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3707	Hydrochloric Acid	300 ml	neat neat	
1014	DI water (fill to volume)	10000 ml		

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 2409

Description
Stannous Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	T142-3	066323	05/09/07	05/08/10	Miller,Gael E.	1	3kg	neat	neat

Veritech Control/Receipt Number: 3230

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	PLHG4-2Y	14-04HG	04/15/08	04/14/09	Miller,Gael E.	1	100ml	1000	mg/L

Veritech Control/Receipt Number: 3265

Description
THALLIUM 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	TLP1-1-1	TLP1K	04/21/08	04/20/09	Miller,Gael E.	1	100M	1001	UG/ML

Veritech Control/Receipt Number: 3275

Description
ARSENIC 1000 PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	ASP1-1-1	ASP1M	04/21/08	04/20/09	Miller,Gael E.	1	100M	1000	UG/ML

Veritech Control/Receipt Number: 3277

Description
BERYLLIUM 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	BEP1-1-1	BEP1K	04/21/08	04/20/09	Miller,Gael E.	1	100M	1001	UG/ML

Veritech Control/Receipt Number: 3280

Description
CADMIUM 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	CDP1-1-1	CDP1J	04/21/08	04/20/09	Miller,Gael E.	1	100M	1005	UG/ML

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3285

Description
LEAD 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	PBP1-1-1	PBP1N	04/21/08	04/20/09	Miller,Gael E.	1	100M	1004	UG/ML

Veritech Control/Receipt Number: 3410

Description
ICSA

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	08F074	06/18/08	06/17/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3411

Description
ICSB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	08F074	06/18/08	06/17/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3412

Description
ICSC

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	08F074	06/18/08	06/17/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3468

Description
Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	071243	07/17/08	07/16/11	Miller,Gael E.	2	1kg	neat	neat

Veritech Control/Receipt Number: 3489

Description
Potassium Persulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P282-500	083661	07/26/08	07/25/11	Miller,Gael E.	2	500g	neat	neat

Veritech Control/Receipt Number: 3519

Description
ICV1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	XHCV-7	12-147JB	08/06/08	08/05/09	Miller,Gael E.	2	500ml	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3520

Description
ICV2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	XHCV-8	12-146JB	08/06/08	08/05/09	Miller,Gael E.	2	500ml	neat	neat

Veritech Control/Receipt Number: 3535

Description
ICSA

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG LABS	ZHAMPTON#1	084929	08/15/08	08/14/09	Miller,Gael E.	4	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3550

Description
hydrochloric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A508SK-212	4108010	08/21/08	08/20/09	Okomeng, Maxwel	12	2.5L	neat	neat

Veritech Control/Receipt Number: 3562

Description
Sodium Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S271-10	081746	08/29/08	08/28/10	Lopez, Jose	1	10Kg	neat	neat

Veritech Control/Receipt Number: 3706

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK212	1108040	11/04/08	11/03/09	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Control/Receipt Number: 3707

Description
Hydrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK212	4108031	11/04/08	11/03/09	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Control/Receipt Number: 3758

Description
Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P279-212	082890	11/22/08	11/21/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3768

Description
hidrochloric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A508Sk212	4108031	12/11/08	12/10/09	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 3769

Description
nitric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A509Sk212	1108040	12/11/08	12/10/09	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 3800

Description
ICSAB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG LABS	ZHAMPTON#2	087967	01/06/09	12/01/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3865

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK212	1108040	01/26/09	01/25/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3613

Description
Sulfuric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A510SK-212	3108030	09/19/08	09/18/09	Lopez, Jose	6	2.5l	neat	neat

Veritech Control/Receipt Number: 3769

Description
nitric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A509Sk212	1108040	12/11/08	12/10/09	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 3788

Description
ICV2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-8	14-180JB	12/23/08	12/14/09	Miller,Gael E.	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3789

Description
ICV1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-7	14-181JB	12/23/08	12/14/09	Miller,Gael E.	2	500 M	NEAT	NEAT

Run Log

Data File: W:\METALS.FRM\ICPDATA\PeIcp1\S9990A.txt **Instrument:** PEICP1

Analysis Date: 02/24/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1 V-61025	1	CAL	19:23	1						
Calib Std 1 V-59532	1	CAL	19:36	2						
Calib Std 2 V-60050	1	CAL	19:39	3						
Calib Std 3 V-58638	1	CAL	19:42	4						
Calib Std 4 V-60051	1	CAL	19:45	5						
ICS2 V-58638	1	ICS	19:48	6						
ICV V-60572 (2)	1	ICV	19:51	7						
ICB V-61025	1	ICB	19:54	8						
ICSA V-59477	1	ICSA	19:57	9						
ICSAB V-61024	1	ICSAB	20:01	10						
MB 9990	1	MB	20:05	11		SOIL	SOIL	SW846	9990	
LCS	1	LCS	20:08	12		SOIL	SOIL	SW846	9990	
LCS MR	1	LCS	20:11	13		SOIL	SOIL	SW846	9990	
AC42880-001	1	SMP	20:14	14	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	MR	20:17	15	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	MS	20:19	16	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	MS	20:22	17	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	PS	20:24	18	PPMETALS-S	SOIL	SOIL	SW846	9990	
CCV V-60256	1	CCV	20:27	19						
CCB	1	CCB	20:30	20						
AC42880-001	5	SD	20:33	21	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42875-001	1	SMP	20:36	22	SRSMETALS-S	SOIL	SOIL	SW846	9990	
AC42875-002	1	SMP	20:40	23	MET-2-SOIL	SOIL	SOIL	SW846	9990	
AC42875-003	1	SMP	20:44	24	MET-2-SOIL	SOIL	SOIL	SW846	9990	
ICSA V-59477	1	ICSA	20:47	25						
ICSAB V-61024	1	ICSAB	20:51	26						
CCV V-60256	1	CCV	20:54	27						
CCB	1	CCB	20:57	28						
AC42875-004	1	SMP	21:00	29	MET-2-SOIL	SOIL	SOIL	SW846	9990	
AC42868-001	1	SMP	21:04	30	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-002	1	SMP	21:07	31	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-003	1	SMP	21:10	32	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-004	1	SMP	21:13	33	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-005	1	SMP	21:16	34	METALS-TAL-S	SOIL	SOIL	SW846	9990	
ICSA V-59477	1	ICSA	21:19	35						
ICSAB V-61024	1	ICSAB	21:23	36						
CCV V-60256	1	CCV	21:27	37						
CCB	1	CCB	21:30	38						

AW 3/3/09

2/25/09

CB 03-04-09

Run Log

Data File: W:\METALS.FRM\ICPDATA\Pelcp1\S9990B.txt **Instrument:** PEICP1

Analysis Date: 02/25/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1 V-61025	1	CAL	21:06	1						
Calib Std 1 V-59532	1	CAL	21:19	2						
Calib Std 2 V-60050	1	CAL	21:22	3						
Calib Std 3 V-60254	1	CAL	21:25	4						
Calib Std 4 V-60051	1	CAL	21:28	5						
ICS2 V-60254	1	ICS	21:31	6						
ICV V-60572 (2)	1	ICV	21:34	7						
ICB V-61025	1	ICB	21:36	8						
ICSA V-59477	1	ICSA	21:39	9						
ICSAB V-61024	1	ICSAB	21:43	10						
MB 9990 (100)	1	MB	21:47	11		SOIL	SOIL	SW846	9990	
LCS	1	LCS	21:50	12		SOIL	SOIL	SW846	9990	
LCS MR	1	LCS	21:53	13		SOIL	SOIL	SW846	9990	
AC42880-001	1	SMP	21:57	14	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	MR	21:59	15	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	MS	22:02	16	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	MS	22:04	17	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	PS	22:07	18	PPMETALS-S	SOIL	SOIL	SW846	9990	
CCV V-60256	1	CCV	22:09	19						
CCB	1	CCB	22:12	20						
AC42880-001	5	SD	22:15	21	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42875-001	1	SMP	22:18	22	SRSMETALS-S	SOIL	SOIL	SW846	9990	
AC42875-002	1	SMP	22:22	23	MET-2-SOIL	SOIL	SOIL	SW846	9990	
AC42875-003	1	SMP	22:26	24	MET-2-SOIL	SOIL	SOIL	SW846	9990	
ICSA V-59477	1	ICSA	22:29	25						
ICSAB V-61024	1	ICSAB	22:33	26						
CCV V-60256	1	CCV	22:37	27						
CCB	1	CCB	22:40	28						
AC42875-004	1	SMP	22:43	29	MET-2-SOIL	SOIL	SOIL	SW846	9990	
AC42868-001	1	SMP	22:47	30	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-002	1	SMP	22:50	31	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-003	1	SMP	22:53	32	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-004	1	SMP	22:56	33	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-005	1	SMP	22:59	34	METALS-TAL-S	SOIL	SOIL	SW846	9990	
ICSA V-59477	1	ICSA	23:02	35						
ICSAB V-61024	1	ICSAB	23:06	36						
CCV V-60256	1	CCV	23:10	37						
CCB	1	CCB	23:13	38						

AMW 3/5/09

2/26/09

CB 03-04-09

Run Log

Data File: W:\METALS.FRM\ICPDATA\PeIcpRad1\S9990C.txt **Instrument:** PEICPRAD1

Analysis Date: 02/25/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1 V-61025	1	CAL	23:15	1						
Calib Std 1 V-60050	1	CAL	23:28	2						
Calib Std 2 V-60254	1	CAL	23:31	3						
Calib Std 3 V-60255	1	CAL	23:33	4						
ICS2 V-60254	1	ICS	23:36	5						
ICV V-60572 (2)	1	ICV	23:39	6						
ICB V-61025	1	ICB	23:42	7						
ICSA V-59477	1	ICSA	23:45	8						
ICSAB V-61024	1	ICSAB	23:48	9						
MB 9990 (100)	1	MB	23:52	10		SOIL	SOIL	SW846	9990	
LCS	1	LCS	23:55	11		SOIL	SOIL	SW846	9990	
LCS MR	1	LCS	23:57	12		SOIL	SOIL	SW846	9990	
AC42880-001	1	SMP	00:00	13	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	MR	00:04	14	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	MS	00:07	15	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	MS	00:11	16	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42880-001	1	PS	00:15	17	PPMETALS-S	SOIL	SOIL	SW846	9990	
CCV V-60256	1	CCV	00:18	18						
CCB	1	CCB	00:21	19						
AC42880-001	5	SD	00:24	20	PPMETALS-S	SOIL	SOIL	SW846	9990	
AC42868-001	1	SMP	00:27	21	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-002	1	SMP	00:30	22	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-003	1	SMP	00:32	23	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-004	1	SMP	00:35	24	METALS-TAL-S	SOIL	SOIL	SW846	9990	
AC42868-005	1	SMP	00:38	25	METALS-TAL-S	SOIL	SOIL	SW846	9990	
ICSA V-59477	1	ICSA	00:41	26						
ICSAB V-61024	1	ICSAB	00:44	27						
CCV V-60256	1	CCV	00:48	28						
CCB	1	CCB	00:51	29						

AMW 3/3/09

2/26/09

CB 03-04-09

Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCv1\H9990S.txt **Instrument:** HGCV1

Analysis Date: 02/26/09 **Standard/Batch/SnCl2 Lot #:** V-61539

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calibration Blank	1	CAL	10:06	1						
.2 PPB	1	CAL	10:08	2						
.5 PPB	1	CAL	10:10	3						
1 PPB	1	CAL	10:11	4						
2 PPB	1	CAL	10:13	5						
5 PPB	1	CAL	10:14	6						
10 PPB	1	CAL	10:16	7						
25 PPB	1	CAL	10:17	8						
ICV (2)	1	ICV	10:19	9						
ICB	1	ICB	10:20	10						
MB 9990 (167)	1	MB	10:22	11		SOIL	SOIL	SW846	9990	
LCS	1	NA	10:23	12		SOIL	SOIL	SW846	9990	
LCS MR	1	NA	10:25	13		SOIL	SOIL	SW846	9990	
LCS 4D	4	LCS	10:26	14		SOIL	SOIL	SW846	9990	
LCS MR 4D	4	LCS	10:28	15		SOIL	SOIL	SW846	9990	
AC42880-001	1	NA	10:29	16	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42880-001	1	NA	10:31	17	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42880-001	1	NA	10:33	18	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42880-001	1	NA	10:34	19	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42875-001	1	SMP	10:36	20	HG-SOIL	SOIL	SOIL	SW846	9990	
CCV	1	CCV	10:37	21						
CCB	1	CCB	10:39	22						
AC42868-001	1	SMP	10:40	23	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42868-002	1	SMP	10:42	24	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42868-003	1	SMP	10:43	25	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42868-004	1	SMP	10:45	26	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42868-005	1	SMP	10:46	27	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42880-001	2	SMP	10:48	28	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42880-001	2	MR	10:49	29	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42880-001	2	MS	10:51	30	HG-SOIL	SOIL	SOIL	SW846	9990	
AC42880-001	2	MS	10:53	31	HG-SOIL	SOIL	SOIL	SW846	9990	
CCV	1	CCV	10:54	32						
CCB	1	CCB	10:56	33						

3/3/09

2/26/09

2/26/09

File 39990A Batch 9990 soil 1227

Method: PE 1 AXIAL Page 58 Date: 2/24/2009 7:35:44 PM

Analyst 2/25/09

Method Loaded
Method Name: PE 1 AXIAL
IEC File: IEC012309.iec
Method Description: 200.7/SW846

Method Last Saved: 2/23/2009 5:42:30 PM
MSF File:

2/26/09

Sequence No.: 1
Sample ID: Calib Blank 1 V-61025
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/24/2009 7:23:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Blank 1 V-61025

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	3405.8	5.14	0.15%	[0.00]	mg/L
Sb 206.836	24.1	7.95	33.06%	[0.00]	mg/L
As 188.979	-23.2	2.02	8.70%	[0.00]	mg/L
Ba 233.527	-127.8	1.50	1.17%	[0.00]	mg/L
Be 234.861	-305.7	8.67	2.83%	[0.00]	mg/L
Cd 226.502	-14.9	0.72	4.85%	[0.00]	mg/L
Ca 315.887	501.2	16.51	3.29%	[0.00]	mg/L
Cr 206.158	68.6	2.79	4.06%	[0.00]	mg/L
Co 228.616	-61.4	0.68	1.11%	[0.00]	mg/L
Cu 324.752	1419.8	1.59	0.11%	[0.00]	mg/L
Fe 273.955	749.0	8.20	1.09%	[0.00]	mg/L
Pb 220.353	-34.4	0.13	0.39%	[0.00]	mg/L
Mg 279.077	-50.0	5.74	11.48%	[0.00]	mg/L
Mn 257.610	281.5	4.56	1.62%	[0.00]	mg/L
Mo 202.031	-39.3	2.90	7.38%	[0.00]	mg/L
Ni 231.604	-103.4	2.70	2.61%	[0.00]	mg/L
Se 196.026	51.0	17.65	34.64%	[0.00]	mg/L
Ag 328.068	-16.5	33.11	200.50%	[0.00]	mg/L
Na 330.237	566.2	23.56	4.16%	[0.00]	mg/L
Tl 190.801	-60.8	3.19	5.24%	[0.00]	mg/L
Sn 189.927	13.4	3.48	25.91%	[0.00]	mg/L
Ti 334.940	611.3	60.64	9.92%	[0.00]	mg/L
V 292.402	-78.7	11.61	14.75%	[0.00]	mg/L
Zn 206.200	169.5	5.98	3.53%	[0.00]	mg/L

9990

all elements reported except Tl, Be, earth elements

Sequence No.: 2
Sample ID: Calib Std 1 V-59532
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 158
Date Collected: 2/24/2009 7:36:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 1 V-59532

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
As 188.979	10.0	1.10	10.97%	[0.005]	mg/L
Be 234.861	1105.5	9.75	0.88%	[0.003]	mg/L
Cd 226.502	214.3	6.95	3.24%	[0.003]	mg/L
Pb 220.353	21.8	14.82	67.97%	[0.004]	mg/L
Tl 190.801	10.1	2.73	27.17%	[0.005]	mg/L

Sequence No.: 3
Sample ID: Calib Std 2 V-60050
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 160
Date Collected: 2/24/2009 7:39:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 2 V-60050

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	1193.6	2.16	0.18%	[0.1]	mg/L
Sb 206.836	21.3	7.18	33.70%	[0.01]	mg/L
As 188.979	19.9	1.27	6.39%	[0.01]	mg/L
Ba 233.527	558.7	2.27	0.41%	[0.01]	mg/L
Be 234.861	3470.7	21.97	0.63%	[0.01]	mg/L
Cd 226.502	648.9	5.01	0.77%	[0.01]	mg/L
Ca 315.887	56596.6	1052.88	1.86%	[1]	mg/L
Cr 206.158	214.2	1.69	0.79%	[0.01]	mg/L
Co 228.616	277.4	3.90	1.41%	[0.01]	mg/L
Cu 324.752	758.1	22.94	3.03%	[0.01]	mg/L
Fe 273.955	1048.7	5.80	0.55%	[0.1]	mg/L
Pb 220.353	40.3	10.10	25.06%	[0.01]	mg/L
Mg 279.077	9849.4	25.33	0.26%	[1]	mg/L
Mn 257.610	2987.2	17.66	0.59%	[0.01]	mg/L
Mo 202.031	94.0	7.09	7.55%	[0.01]	mg/L
Ni 231.604	225.9	2.99	1.32%	[0.01]	mg/L
Se 196.026	30.9	8.39	27.20%	[0.01]	mg/L
Ag 328.068	169.2	33.86	20.01%	[0.002]	mg/L
Na 330.237	603.5	5.01	0.83%	[1]	mg/L
Tl 190.801	23.5	8.44	35.91%	[0.01]	mg/L
Sn 189.927	64.8	3.08	4.75%	[0.01]	mg/L
Ti 334.940	3135.7	6.21	0.20%	[0.01]	mg/L
V 292.402	1024.8	7.48	0.73%	[0.01]	mg/L
Zn 206.200	427.7	0.01	0.00%	[0.01]	mg/L

Sequence No.: 4
Sample ID: Calib Std 3 V-58638
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 2/24/2009 7:42:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 3 V-58638

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	71238.0	740.85	1.04%	[5]	mg/L
Sb 206.836	906.2	0.96	0.11%	[0.5]	mg/L
As 188.979	784.2	1.78	0.23%	[0.5]	mg/L
Ba 233.527	25581.2	375.05	1.47%	[0.5]	mg/L
Be 234.861	176603.9	1585.67	0.90%	[0.5]	mg/L
Cd 226.502	31885.9	195.58	0.61%	[0.5]	mg/L
Ca 315.887	2601924.6	48248.95	1.85%	[50]	mg/L
Cr 206.158	10435.8	58.55	0.56%	[0.5]	mg/L
Co 228.616	12898.1	77.18	0.60%	[0.5]	mg/L
Cu 324.752	40071.7	609.14	1.52%	[0.5]	mg/L
Fe 273.955	51551.3	412.77	0.80%	[5]	mg/L
Pb 220.353	1344.0	14.97	1.11%	[0.5]	mg/L
Mg 279.077	454805.2	3749.14	0.82%	[50]	mg/L
Mn 257.610	140262.5	1125.60	0.80%	[0.5]	mg/L
Mo 202.031	4475.5	16.19	0.36%	[0.5]	mg/L
Ni 231.604	10107.1	44.75	0.44%	[0.5]	mg/L
Se 196.026	1613.7	11.25	0.70%	[0.5]	mg/L
Ag 328.068	10054.6	150.45	1.50%	[0.1]	mg/L
Na 330.237	32102.3	412.76	1.29%	[50]	mg/L
Tl 190.801	957.6	13.66	1.43%	[0.5]	mg/L
Sn 189.927	2573.2	19.81	0.77%	[0.5]	mg/L
Ti 334.940	158875.5	1261.94	0.79%	[0.5]	mg/L
V 292.402	50974.3	338.99	0.67%	[0.5]	mg/L
Zn 206.200	20444.6	147.57	0.72%	[0.5]	mg/L

Sequence No.: 5
Sample ID: Calib Std 4 V-60051
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 2/24/2009 7:45:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 4 V-60051

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	148596.8	732.37	0.49%	[10]	mg/L
Sb 206.836	1890.2	9.89	0.52%	[1.0]	mg/L
As 188.979	1631.0	9.99	0.61%	[1.0]	mg/L
Ba 233.527	52344.6	382.53	0.73%	[1.0]	mg/L
Be 234.861	368840.0	3241.63	0.88%	[1.0]	mg/L
Cd 226.502	65806.3	598.69	0.91%	[1.0]	mg/L
Ca 315.887	5330487.2	95673.48	1.79%	[100]	mg/L
Cr 206.158	21980.7	153.48	0.70%	[1.0]	mg/L
Co 228.616	27012.7	367.26	1.36%	[1.0]	mg/L
Cu 324.752	85979.6	597.97	0.70%	[1.0]	mg/L
Fe 273.955	106699.8	1520.46	1.42%	[10]	mg/L
Pb 220.353	2760.3	22.01	0.80%	[1.0]	mg/L
Mg 279.077	938776.9	8696.94	0.93%	[100]	mg/L
Mn 257.610	288651.0	3208.93	1.11%	[1.0]	mg/L
Mo 202.031	9166.7	49.50	0.54%	[1.0]	mg/L
Ni 231.604	21437.1	157.39	0.73%	[1.0]	mg/L
Se 196.026	3358.3	20.61	0.61%	[1.0]	mg/L
Ag 328.068	21143.8	287.59	1.36%	[0.2]	mg/L
Na 330.237	71526.2	348.68	0.49%	[100]	mg/L
Tl 190.801	1936.4	8.86	0.46%	[1.0]	mg/L
Sn 189.927	5234.1	27.05	0.52%	[1.0]	mg/L
Ti 334.940	328763.9	3043.08	0.93%	[1.0]	mg/L
V 292.402	105736.9	812.91	0.77%	[1.0]	mg/L
Zn 206.200	43072.8	419.17	0.97%	[1.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Al 308.215	3	Lin, Calc Int	-689.7	14820	0.00000	0.999781	
Sb 206.836	3	Lin, Calc Int	-6.0	1882	0.00000	0.999763	
As 188.979	4	Lin, Calc Int	-2.2	1621	0.00000	0.999811	
Ba 233.527	3	Lin Thru 0	0.0	52110	0.00000	0.999959	
Be 234.861	4	Lin Thru 0	0.0	365700	0.00000	0.999854	
Cd 226.502	4	Lin Thru 0	0.0	65400	0.00000	0.999923	
Ca 315.887	3	Lin, Calc Int	-10029.7	53170	0.00000	0.999922	
Cr 206.158	3	Lin, Calc Int	-103.5	21880	0.00000	0.999658	
Co 228.616	3	Lin, Calc Int	-107.4	26900	0.00000	0.999725	
Cu 324.752	3	Lin, Calc Int	-577.3	85510	0.00000	0.999388	
Fe 273.955	3	Lin, Calc Int	-335.6	10640	0.00000	0.999848	
Pb 220.353	4	Lin, Calc Int	2.8	2742	0.00000	0.999891	
Mg 279.077	3	Lin Thru 0	0.0	9329	0.00000	0.999922	
Mn 257.610	3	Lin Thru 0	0.0	287000	0.00000	0.999936	
Mo 202.031	3	Lin, Calc Int	-18.6	9146	0.00000	0.999925	
Ni 231.604	3	Lin Thru 0	0.0	21190	0.00000	0.999734	
Se 196.026	3	Lin, Calc Int	-13.1	3348	0.00000	0.999800	
Ag 328.068	3	Lin Thru 0	0.0	104700	0.00000	0.999803	
Na 330.237	3	Lin, Calc Int	-717.0	709.3	0.00000	0.998598	
Tl 190.801	4	Lin, Calc Int	0.1	1932	0.00000	0.999982	
Sn 189.927	3	Lin, Calc Int	-2.3	5219	0.00000	0.999954	
Ti 334.940	3	Lin Thru 0	0.0	326600	0.00000	0.999909	
V 292.402	3	Lin, Calc Int	-359.5	105400	0.00000	0.999829	
Zn 206.200	3	Lin, Calc Int	-200.1	42880	0.00000	0.999654	

Sequence No.: 6
Sample ID: ICS2 V-58638
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 2/24/2009 7:48:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS2 V-58638

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	73031.6	4.97433	mg/L	0.074373	4.97433	mg/L	0.074373	1.50%
QC value within limits for Al 308.215 Recovery = 99.49%								
Sb 206.836	922.7	0.499578	mg/L	0.0017981	0.499578	mg/L	0.0017981	0.36%
QC value within limits for Sb 206.836 Recovery = 99.92%								
As 188.979	788.9	0.488015	mg/L	0.0004317	0.488015	mg/L	0.0004317	0.09%
QC value within limits for As 188.979 Recovery = 97.60%								
Ba 233.527	26029.4	0.499422	mg/L	0.0087668	0.499422	mg/L	0.0087668	1.76%
QC value within limits for Ba 233.527 Recovery = 99.88%								
Be 234.861	179718.3	0.491934	mg/L	0.0087806	0.491934	mg/L	0.0087806	1.78%
QC value within limits for Be 234.861 Recovery = 98.39%								
Cd 226.502	32457.9	0.495729	mg/L	0.0084716	0.495729	mg/L	0.0084716	1.71%
QC value within limits for Cd 226.502 Recovery = 99.15%								
Ca 315.887	2655689.8	50.1329	mg/L	0.19754	50.1329	mg/L	0.19754	0.39%
QC value within limits for Ca 315.887 Recovery = 100.27%								
Cr 206.158	10904.8	0.508309	mg/L	0.0097558	0.508309	mg/L	0.0097558	1.92%
QC value within limits for Cr 206.158 Recovery = 101.66%								
Co 228.616	13016.1	0.487044	mg/L	0.0024989	0.487044	mg/L	0.0024989	0.51%
QC value within limits for Co 228.616 Recovery = 97.41%								
Cu 324.752	41182.7	0.488064	mg/L	0.0087452	0.488064	mg/L	0.0087452	1.79%
QC value within limits for Cu 324.752 Recovery = 97.61%								
Fe 273.955	52559.9	4.97206	mg/L	0.073125	4.97206	mg/L	0.073125	1.47%
QC value within limits for Fe 273.955 Recovery = 99.44%								
Pb 220.353	1363.1	0.498239	mg/L	0.0029115	0.498239	mg/L	0.0029115	0.58%
QC value within limits for Pb 220.353 Recovery = 99.65%								
Mg 279.077	464763.0	49.8166	mg/L	0.89615	49.8166	mg/L	0.89615	1.80%
QC value within limits for Mg 279.077 Recovery = 99.63%								
Mn 257.610	142841.6	0.497660	mg/L	0.0078723	0.497660	mg/L	0.0078723	1.58%
QC value within limits for Mn 257.610 Recovery = 99.53%								
Mo 202.031	4513.5	0.496022	mg/L	0.0018825	0.496022	mg/L	0.0018825	0.38%
QC value within limits for Mo 202.031 Recovery = 99.20%								
Ni 231.604	10247.5	0.481791	mg/L	0.0017668	0.481791	mg/L	0.0017668	0.37%
QC value within limits for Ni 231.604 Recovery = 96.36%								
Se 196.026	1626.2	0.490572	mg/L	0.0031702	0.490572	mg/L	0.0031702	0.65%
QC value within limits for Se 196.026 Recovery = 98.11%								
Ag 328.068	10195.9	0.0982432	mg/L	0.00106589	0.0982432	mg/L	0.00106589	1.08%
QC value within limits for Ag 328.068 Recovery = 98.24%								
Na 330.237	33037.2	47.5899	mg/L	0.78864	47.5899	mg/L	0.78864	1.66%
QC value within limits for Na 330.237 Recovery = 95.18%								
Tl 190.801	963.0	0.505376	mg/L	0.0025724	0.505376	mg/L	0.0025724	0.51%
QC value within limits for Tl 190.801 Recovery = 101.08%								
Sn 189.927	2670.2	0.513511	mg/L	0.0021547	0.513511	mg/L	0.0021547	0.42%
QC value within limits for Sn 189.927 Recovery = 102.70%								
Ti 334.940	161837.1	0.495581	mg/L	0.0086030	0.495581	mg/L	0.0086030	1.74%
QC value within limits for Ti 334.940 Recovery = 99.12%								
V 292.402	52173.8	0.489343	mg/L	0.0077465	0.489343	mg/L	0.0077465	1.58%
QC value within limits for V 292.402 Recovery = 97.87%								
Zn 206.200	21349.5	0.502191	mg/L	0.0106026	0.502191	mg/L	0.0106026	2.11%
QC value within limits for Zn 206.200 Recovery = 100.44%								

All analyte(s) passed QC.

Sequence No.: 7
Sample ID: ICV V-60572 (2)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 159
Date Collected: 2/24/2009 7:51:33 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV V-60572 (2)

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	141828.7	9.61640	mg/L	0.334950	9.61640	mg/L	0.334950	3.48%
QC value within limits for Al 308.215 Recovery = 96.16%								
Sb 206.836	1831.7	0.988354	mg/L	0.0000325	0.988354	mg/L	0.0000325	0.00%
QC value within limits for Sb 206.836 Recovery = 98.84%								
As 188.979	1558.7	0.962757	mg/L	0.0007760	0.962757	mg/L	0.0007760	0.08%
QC value within limits for As 188.979 Recovery = 96.28%								
Ba 233.527	51578.3	0.989630	mg/L	0.0357576	0.989630	mg/L	0.0357576	3.61%
QC value within limits for Ba 233.527 Recovery = 98.96%								
Be 234.861	349188.5	0.955795	mg/L	0.0373545	0.955795	mg/L	0.0373545	3.91%
QC value within limits for Be 234.861 Recovery = 95.58%								
Cd 226.502	62581.3	0.955818	mg/L	0.0389079	0.955818	mg/L	0.0389079	4.07%
QC value within limits for Cd 226.502 Recovery = 95.58%								
Ca 315.887	5176646.6	97.5434	mg/L	1.18473	97.5434	mg/L	1.18473	1.21%
QC value within limits for Ca 315.887 Recovery = 97.54%								
Cr 206.158	20676.9	0.959642	mg/L	0.0358336	0.959642	mg/L	0.0358336	3.73%
QC value within limits for Cr 206.158 Recovery = 95.96%								
Co 228.616	25595.2	0.953944	mg/L	0.0367825	0.953944	mg/L	0.0367825	3.86%
QC value within limits for Co 228.616 Recovery = 95.39%								
Cu 324.752	79312.3	0.933669	mg/L	0.0364429	0.933669	mg/L	0.0364429	3.90%
QC value within limits for Cu 324.752 Recovery = 93.37%								
Fe 273.955	100338.2	9.46310	mg/L	0.340732	9.46310	mg/L	0.340732	3.60%
QC value within limits for Fe 273.955 Recovery = 94.63%								
Pb 220.353	2625.2	0.960556	mg/L	0.0011953	0.960556	mg/L	0.0011953	0.12%
QC value within limits for Pb 220.353 Recovery = 96.06%								
Mg 279.077	916338.8	98.2197	mg/L	1.10593	98.2197	mg/L	1.10593	1.13%
QC value within limits for Mg 279.077 Recovery = 98.22%								
Mn 257.610	274071.7	0.954865	mg/L	0.0350859	0.954865	mg/L	0.0350859	3.67%
QC value within limits for Mn 257.610 Recovery = 95.49%								
Mo 202.031	8777.8	0.962731	mg/L	0.0027270	0.962731	mg/L	0.0027270	0.28%
QC value within limits for Mo 202.031 Recovery = 96.27%								
Ni 231.604	20209.6	0.950289	mg/L	0.0338139	0.950289	mg/L	0.0338139	3.56%
QC value within limits for Ni 231.604 Recovery = 95.03%								
Se 196.026	3196.2	0.960356	mg/L	0.0037291	0.960356	mg/L	0.0037291	0.39%
QC value within limits for Se 196.026 Recovery = 96.04%								
Ag 328.068	19905.9	0.191799	mg/L	0.0080214	0.191799	mg/L	0.0080214	4.18%
QC value within limits for Ag 328.068 Recovery = 95.90%								
Na 330.237	68122.1	97.0561	mg/L	3.13023	97.0561	mg/L	3.13023	3.23%
QC value within limits for Na 330.237 Recovery = 97.06%								
Tl 190.801	1906.1	0.999811	mg/L	0.0016089	0.999811	mg/L	0.0016089	0.16%
QC value within limits for Tl 190.801 Recovery = 99.98%								
Sn 189.927	5153.1	0.990496	mg/L	0.0017221	0.990496	mg/L	0.0017221	0.17%
QC value within limits for Sn 189.927 Recovery = 99.05%								
Ti 334.940	308477.8	0.944627	mg/L	0.0361252	0.944627	mg/L	0.0361252	3.82%
QC value within limits for Ti 334.940 Recovery = 94.46%								
V 292.402	99080.8	0.925472	mg/L	0.0340221	0.925472	mg/L	0.0340221	3.68%
QC value within limits for V 292.402 Recovery = 92.55%								
Zn 206.200	40870.9	0.957105	mg/L	0.0418860	0.957105	mg/L	0.0418860	4.38%
QC value within limits for Zn 206.200 Recovery = 95.71%								

All analyte(s) passed QC.

Sequence No.: 8
Sample ID: ICB V-61025
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/24/2009 7:54:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB V-61025

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	30.8	0.0486156	mg/L	0.00053656	0.0486156	mg/L	0.00053656	1.10%
QC value within limits for Al 308.215 Recovery = Not calculated								
Sb 206.836	-3.6	0.0013255	mg/L	0.00261212	0.0013255	mg/L	0.00261212	197.07%
QC value within limits for Sb 206.836 Recovery = Not calculated								
As 188.979	1.2	0.0020621	mg/L	0.00127298	0.0020621	mg/L	0.00127298	61.73%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527	8.0	0.0001528	mg/L	0.00002573	0.0001528	mg/L	0.00002573	16.84%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861	96.7	0.0002676	mg/L	0.00002552	0.0002676	mg/L	0.00002552	9.54%
QC value within limits for Be 234.861 Recovery = Not calculated								
Cd 226.502	-2.9	-0.0000483	mg/L	0.00004878	-0.0000483	mg/L	0.00004878	100.92%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Ca 315.887	240.9	0.193155	mg/L	0.0024775	0.193155	mg/L	0.0024775	1.28%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cr 206.158	-2.0	0.0047201	mg/L	0.00015741	0.0047201	mg/L	0.00015741	3.33%
QC value within limits for Cr 206.158 Recovery = Not calculated								
Co 228.616	6.0	0.0042192	mg/L	0.00012350	0.0042192	mg/L	0.00012350	2.93%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cu 324.752	517.8	0.0128035	mg/L	0.00068132	0.0128035	mg/L	0.00068132	5.32%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 273.955	-22.7	0.0294183	mg/L	0.00129756	0.0294183	mg/L	0.00129756	4.41%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Pb 220.353	13.9	0.0040447	mg/L	0.00065457	0.0040447	mg/L	0.00065457	16.18%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Mg 279.077	5.6	0.0006028	mg/L	0.00031074	0.0006028	mg/L	0.00031074	51.55%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	24.1	0.0000841	mg/L	0.00000036	0.0000841	mg/L	0.00000036	0.43%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	5.9	0.0026854	mg/L	0.00011372	0.0026854	mg/L	0.00011372	4.23%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	5.7	0.0002603	mg/L	0.00029001	0.0002603	mg/L	0.00029001	111.42%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Se 196.026	3.2	0.0048850	mg/L	0.00106516	0.0048850	mg/L	0.00106516	21.80%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068	-20.7	-0.0001947	mg/L	0.00000691	-0.0001947	mg/L	0.00000691	3.55%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Na 330.237	10.3	1.02545	mg/L	0.017767	1.02545	mg/L	0.017767	1.73%
QC value within limits for Na 330.237 Recovery = Not calculated								
Tl 190.801	3.0	0.0014934	mg/L	0.00312012	0.0014934	mg/L	0.00312012	208.93%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Sn 189.927	64.2	0.0127536	mg/L	0.00180864	0.0127536	mg/L	0.00180864	14.18%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	85.4	0.0002616	mg/L	0.00005015	0.0002616	mg/L	0.00005015	19.17%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	33.3	0.0037455	mg/L	0.00005251	0.0037455	mg/L	0.00005251	1.40%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200	154.0	0.0082553	mg/L	0.00052370	0.0082553	mg/L	0.00052370	6.34%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 9
Sample ID: ICSA V-59477
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 2/24/2009 7:57:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-59477

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	6511999.6	439.442	mg/L	1.9552	439.442	mg/L	1.9552	0.44%
QC value within limits for Al 308.215 Recovery = 87.89%								
Sb 206.836	32.7	-0.0079546	mg/L	0.00834814	-0.0079546	mg/L	0.00834814	104.95%
As 188.979	-7.2	0.0078195	mg/L	0.00061357	0.0078195	mg/L	0.00061357	7.85%
Ba 233.527	49.9	-0.0079271	mg/L	0.00006639	-0.0079271	mg/L	0.00006639	0.84%
Be 234.861	-3621.3	0.0073116	mg/L	0.00017530	0.0073116	mg/L	0.00017530	2.40%
Cd 226.502	1453.4	0.0030111	mg/L	0.00002146	0.0030111	mg/L	0.00002146	0.71%
Ca 315.887	24049985.9	452.485	mg/L	2.1758	452.485	mg/L	2.1758	0.48%
QC value within limits for Ca 315.887 Recovery = 90.50%								
Cr 206.158	67.8	0.0078601	mg/L	0.00072849	0.0078601	mg/L	0.00072849	9.27%
Co 228.616	89.4	0.0073070	mg/L	0.00032810	0.0073070	mg/L	0.00032810	4.49%
Cu 324.752	1236.9	0.0139688	mg/L	0.00086426	0.0139688	mg/L	0.00086426	6.19%
Fe 273.955	1773238.0	166.712	mg/L	0.3919	166.712	mg/L	0.3919	0.24%
QC value within limits for Fe 273.955 Recovery = 83.36%								
Pb 220.353	-130.9	0.0009285	mg/L	0.00252801	0.0009285	mg/L	0.00252801	272.28%
Mg 279.077	4445402.2	476.490	mg/L	1.8667	476.490	mg/L	1.8667	0.39%
QC value within limits for Mg 279.077 Recovery = 95.30%								
Mn 257.610	-503.2	-0.0017531	mg/L	0.00006715	-0.0017531	mg/L	0.00006715	3.83%
Mo 202.031	-157.7	0.0065491	mg/L	0.00034078	0.0065491	mg/L	0.00034078	5.20%
Ni 231.604	1096.8	-0.0177216	mg/L	0.00000530	-0.0177216	mg/L	0.00000530	0.03%
Se 196.026	-173.0	-0.0051643	mg/L	0.00495703	-0.0051643	mg/L	0.00495703	95.99%
Ag 328.068	-592.1	0.0008373	mg/L	0.00032119	0.0008373	mg/L	0.00032119	38.36%
Na 330.237	242.8	1.35318	mg/L	0.004311	1.35318	mg/L	0.004311	0.32%
Tl 190.801	-5.1	-0.0027290	mg/L	0.00234018	-0.0027290	mg/L	0.00234018	85.75%
Sn 189.927	81.0	0.0242075	mg/L	0.00116298	0.0242075	mg/L	0.00116298	4.80%
Ti 334.940	-612.2	-0.0018748	mg/L	0.00011376	-0.0018748	mg/L	0.00011376	6.07%
V 292.402	14263.9	0.0195497	mg/L	0.00054717	0.0195497	mg/L	0.00054717	2.80%
Zn 206.200	-13.8	0.0043557	mg/L	0.00029106	0.0043557	mg/L	0.00029106	6.68%

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/24/2009 8:01:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	6490533.2	437.994	mg/L	0.6154	437.994	mg/L	0.6154	0.14%
QC value within limits for Al 308.215 Recovery = 87.60%								
Sb 206.836	1759.8	0.909853	mg/L	0.0247824	0.909853	mg/L	0.0247824	2.72%
QC value within limits for Sb 206.836 Recovery = 90.99%								
As 188.979	1474.3	0.921674	mg/L	0.0202032	0.921674	mg/L	0.0202032	2.19%
QC value within limits for As 188.979 Recovery = 92.17%								
Ba 233.527	24626.6	0.463746	mg/L	0.0056735	0.463746	mg/L	0.0056735	1.22%
QC value within limits for Ba 233.527 Recovery = 92.75%								
Be 234.861	168910.9	0.479074	mg/L	0.0031203	0.479074	mg/L	0.0031203	0.65%
QC value within limits for Be 234.861 Recovery = 95.81%								
Cd 226.502	57875.2	0.865745	mg/L	0.0081506	0.865745	mg/L	0.0081506	0.94%
QC value within limits for Cd 226.502 Recovery = 86.57%								
Ca 315.887	23986581.2	451.293	mg/L	0.3160	451.293	mg/L	0.3160	0.07%
QC value within limits for Ca 315.887 Recovery = 90.26%								
Cr 206.158	9567.0	0.450587	mg/L	0.0075648	0.450587	mg/L	0.0075648	1.68%
QC value within limits for Cr 206.158 Recovery = 90.12%								
Co 228.616	11590.9	0.434885	mg/L	0.0056696	0.434885	mg/L	0.0056696	1.30%
QC value within limits for Co 228.616 Recovery = 86.98%								
Cu 324.752	38691.9	0.452011	mg/L	0.0013182	0.452011	mg/L	0.0013182	0.29%
QC value within limits for Cu 324.752 Recovery = 90.40%								
Fe 273.955	1772405.5	166.633	mg/L	0.9220	166.633	mg/L	0.9220	0.55%
QC value within limits for Fe 273.955 Recovery = 83.32%								
Pb 220.353	2278.5	0.879297	mg/L	0.0317805	0.879297	mg/L	0.0317805	3.61%
QC value within limits for Pb 220.353 Recovery = 87.93%								
Mg 279.077	4441203.4	476.040	mg/L	0.6681	476.040	mg/L	0.6681	0.14%
QC value within limits for Mg 279.077 Recovery = 95.21%								
Mn 257.610	128414.0	0.447394	mg/L	0.0019160	0.447394	mg/L	0.0019160	0.43%
QC value within limits for Mn 257.610 Recovery = 89.48%								
Mo 202.031	-161.3	0.0061225	mg/L	0.00120300	0.0061225	mg/L	0.00120300	19.65%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	18712.9	0.813564	mg/L	0.0134805	0.813564	mg/L	0.0134805	1.66%
QC value within limits for Ni 231.604 Recovery = 81.36%								
Se 196.026	2791.9	0.880109	mg/L	0.0151114	0.880109	mg/L	0.0151114	1.72%
QC value within limits for Se 196.026 Recovery = 88.01%								
Ag 328.068	99523.4	0.957189	mg/L	0.0085174	0.957189	mg/L	0.0085174	0.89%
QC value within limits for Ag 328.068 Recovery = 95.72%								
Na 330.237	628.5	1.89708	mg/L	0.085145	1.89708	mg/L	0.085145	4.49%
QC value greater than the upper limit for Na 330.237 Recovery = Not calculated								
Tl 190.801	1685.5	0.871936	mg/L	0.0007676	0.871936	mg/L	0.0007676	0.09%
QC value within limits for Tl 190.801 Recovery = 87.19%								
Sn 189.927	69.4	0.0219073	mg/L	0.00379811	0.0219073	mg/L	0.00379811	17.34%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	-786.2	-0.0024075	mg/L	0.00004106	-0.0024075	mg/L	0.00004106	1.71%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	58503.1	0.439333	mg/L	0.0036448	0.439333	mg/L	0.0036448	0.83%
QC value within limits for V 292.402 Recovery = 87.87%								
Zn 206.200	37055.5	0.868892	mg/L	0.0116643	0.868892	mg/L	0.0116643	1.34%
QC value within limits for Zn 206.200 Recovery = 86.89%								

QC Failed. Continue with analysis.

Sequence No.: 11
Sample ID: MB 9990
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 32
Date Collected: 2/24/2009 8:05:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 9990

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	-309.7	0.0256451	mg/L	0.00183581	0.0256451	mg/L	0.00183581	7.16%
Sb 206.836	-1.2	0.0025503	mg/L	0.00144106	0.0025503	mg/L	0.00144106	56.51%
As 188.979	4.4	0.0042023	mg/L	0.00080404	0.0042023	mg/L	0.00080404	19.13%
Ba 233.527	23.8	0.0004560	mg/L	0.00008054	0.0004560	mg/L	0.00008054	17.66%
Be 234.861	32.6	0.0002992	mg/L	0.00000363	0.0002992	mg/L	0.00000363	1.21%
Cd 226.502	20.2	0.0000744	mg/L	0.00011474	0.0000744	mg/L	0.00011474	154.20%
Ca 315.887	4612.7	0.275375	mg/L	0.0019862	0.275375	mg/L	0.0019862	0.72%
Cr 206.158	24.2	0.0059096	mg/L	0.00006149	0.0059096	mg/L	0.00006149	1.04%
Co 228.616	-3.2	0.0038764	mg/L	0.00004928	0.0038764	mg/L	0.00004928	1.27%
Cu 324.752	251.9	0.0096923	mg/L	0.00006254	0.0096923	mg/L	0.00006254	0.65%
Fe 273.955	21320.6	2.03564	mg/L	0.048111	2.03564	mg/L	0.048111	2.36%
Pb 220.353	16.5	0.0049409	mg/L	0.00000461	0.0049409	mg/L	0.00000461	0.09%
Mg 279.077	339.9	0.0364357	mg/L	0.00390743	0.0364357	mg/L	0.00390743	10.72%
Mn 257.610	1510.8	0.0052636	mg/L	0.00005915	0.0052636	mg/L	0.00005915	1.12%
Mo 202.031	1.4	0.0023482	mg/L	0.00041640	0.0023482	mg/L	0.00041640	17.73%
Ni 231.604	25.3	0.0004108	mg/L	0.00006328	0.0004108	mg/L	0.00006328	15.41%
Se 196.026	-8.6	0.0018684	mg/L	0.00146298	0.0018684	mg/L	0.00146298	78.30%
Ag 328.068	-58.7	-0.0005567	mg/L	0.00003142	-0.0005567	mg/L	0.00003142	5.64%
Na 330.237	49.3	1.08044	mg/L	0.014404	1.08044	mg/L	0.014404	1.33%
Tl 190.801	3.3	0.0016802	mg/L	0.00305592	0.0016802	mg/L	0.00305592	181.87%
Sn 189.927	54.1	0.0108286	mg/L	0.00112055	0.0108286	mg/L	0.00112055	10.35%
Ti 334.940	-19.4	-0.0000593	mg/L	0.00007871	-0.0000593	mg/L	0.00007871	132.71%
V 292.402	17.8	0.0035863	mg/L	0.00009843	0.0035863	mg/L	0.00009843	2.74%
Zn 206.200	112.4	0.0072865	mg/L	0.00006245	0.0072865	mg/L	0.00006245	0.86%

Sequence No.: 12
Sample ID: LCS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 33
Date Collected: 2/24/2009 8:08:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1153711.4	77.8929	mg/L	0.15490	77.8929	mg/L	0.15490	0.20%
Sb 206.836	1393.1	0.741265	mg/L	0.0261335	0.741265	mg/L	0.0261335	3.53%
As 188.979	1562.1	0.986897	mg/L	0.0058446	0.986897	mg/L	0.0058446	0.59%
Ba 233.527	97142.4	1.86266	mg/L	0.004664	1.86266	mg/L	0.004664	0.25%
Be 234.861	277999.7	0.776167	mg/L	0.0013316	0.776167	mg/L	0.0013316	0.17%
Cd 226.502	40457.7	0.600759	mg/L	0.0072638	0.600759	mg/L	0.0072638	1.21%
Ca 315.887	5268685.7	99.2743	mg/L	0.19381	99.2743	mg/L	0.19381	0.20%
Cr 206.158	49254.9	2.31432	mg/L	0.008284	2.31432	mg/L	0.008284	0.36%
Co 228.616	25093.1	0.927642	mg/L	0.0092163	0.927642	mg/L	0.0092163	0.99%
Cu 324.752	144846.7	1.70281	mg/L	0.003679	1.70281	mg/L	0.003679	0.22%
Fe 273.955	1648924.1	155.026	mg/L	0.1747	155.026	mg/L	0.1747	0.11%
Pb 220.353	2196.0	0.808267	mg/L	0.0071407	0.808267	mg/L	0.0071407	0.88%
Mg 279.077	341163.0	36.5683	mg/L	0.04564	36.5683	mg/L	0.04564	0.12%
Mn 257.610	1515571.4	5.28024	mg/L	0.011368	5.28024	mg/L	0.011368	0.22%
Mo 202.031	4263.8	0.482406	mg/L	0.0031242	0.482406	mg/L	0.0031242	0.65%
Ni 231.604	29844.5	1.34786	mg/L	0.012694	1.34786	mg/L	0.012694	0.94%
Se 196.026	9231.8	2.79734	mg/L	0.031308	2.79734	mg/L	0.031308	1.12%
Ag 328.068	30330.7	0.291283	mg/L	0.0008234	0.291283	mg/L	0.0008234	0.28%
Na 330.237	8131.4	12.4753	mg/L	0.04428	12.4753	mg/L	0.04428	0.35%
Tl 190.801	2334.1	1.25582	mg/L	0.015023	1.25582	mg/L	0.015023	1.20%
Sn 189.927	5994.3	1.15792	mg/L	0.015943	1.15792	mg/L	0.015943	1.38%
Ti 334.940	1209848.0	3.70482	mg/L	0.007723	3.70482	mg/L	0.007723	0.21%
V 292.402	107149.9	1.01230	mg/L	0.001122	1.01230	mg/L	0.001122	0.11%
Zn 206.200	250912.6	5.85611	mg/L	0.011156	5.85611	mg/L	0.011156	0.19%

Sequence No.: 13
Sample ID: LCS MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 2/24/2009 8:11:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1174818.4	79.3171	mg/L	0.46436	79.3171	mg/L	0.46436	0.59%
Sb 206.836	1444.8	0.768501	mg/L	0.0006405	0.768501	mg/L	0.0006405	0.08%
As 188.979	1615.5	1.02075	mg/L	0.010293	1.02075	mg/L	0.010293	1.01%
Ba 233.527	107394.8	2.05938	mg/L	0.013307	2.05938	mg/L	0.013307	0.65%
Be 234.861	269576.1	0.754310	mg/L	0.0051249	0.754310	mg/L	0.0051249	0.68%
Cd 226.502	40938.8	0.606802	mg/L	0.0051601	0.606802	mg/L	0.0051601	0.85%
Ca 315.887	5285412.0	99.5889	mg/L	0.86216	99.5889	mg/L	0.86216	0.87%
Cr 206.158	47361.8	2.23447	mg/L	0.019421	2.23447	mg/L	0.019421	0.87%
Co 228.616	25487.2	0.942181	mg/L	0.0075421	0.942181	mg/L	0.0075421	0.80%
Cu 324.752	142432.5	1.67462	mg/L	0.013945	1.67462	mg/L	0.013945	0.83%
Fe 273.955	1770143.7	166.421	mg/L	1.0779	166.421	mg/L	1.0779	0.65%
Pb 220.353	2787.4	1.02377	mg/L	0.014551	1.02377	mg/L	0.014551	1.42%
Mg 279.077	347075.7	37.2020	mg/L	0.29312	37.2020	mg/L	0.29312	0.79%
Mn 257.610	1570788.4	5.47262	mg/L	0.039310	5.47262	mg/L	0.039310	0.72%
Mo 202.031	4211.2	0.477625	mg/L	0.0048857	0.477625	mg/L	0.0048857	1.02%
Ni 231.604	29968.3	1.34930	mg/L	0.009914	1.34930	mg/L	0.009914	0.73%
Se 196.026	9234.2	2.80085	mg/L	0.038883	2.80085	mg/L	0.038883	1.39%
Ag 328.068	29861.2	0.286801	mg/L	0.0036358	0.286801	mg/L	0.0036358	1.27%
Na 330.237	8711.8	13.2937	mg/L	0.20574	13.2937	mg/L	0.20574	1.55%
Tl 190.801	2475.3	1.32932	mg/L	0.015529	1.32932	mg/L	0.015529	1.17%
Sn 189.927	6042.1	1.16708	mg/L	0.006577	1.16708	mg/L	0.006577	0.56%
Ti 334.940	1223185.8	3.74567	mg/L	0.029441	3.74567	mg/L	0.029441	0.79%
V 292.402	107215.3	1.01270	mg/L	0.007489	1.01270	mg/L	0.007489	0.74%
Zn 206.200	279446.2	6.52158	mg/L	0.054839	6.52158	mg/L	0.054839	0.84%

Sequence No.: 14
Sample ID: 42880-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 2/24/2009 8:14:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	492110.0	33.2515	mg/L	0.17064	33.2515	mg/L	0.17064	0.51%
Sb 206.836	29.5	0.0137139	mg/L	0.01123983	0.0137139	mg/L	0.01123983	81.96%
As 188.979	929.4	0.604029	mg/L	0.0053503	0.604029	mg/L	0.0053503	0.89%
Ba 233.527	75993.4	1.45770	mg/L	0.004963	1.45770	mg/L	0.004963	0.34%
Be 234.861	-5368.4	0.0141265	mg/L	0.00008224	0.0141265	mg/L	0.00008224	0.58%
Cd 226.502	2622.5	0.0079490	mg/L	0.00166607	0.0079490	mg/L	0.00166607	20.96%
Ca 315.887	1912171.1	36.1499	mg/L	0.14651	36.1499	mg/L	0.14651	0.41%
Cr 206.158	2825.4	0.146001	mg/L	0.0020264	0.146001	mg/L	0.0020264	1.39%
Co 228.616	1496.4	0.0518545	mg/L	0.00140869	0.0518545	mg/L	0.00140869	2.72%
Cu 324.752	68722.3	0.812852	mg/L	0.0047506	0.812852	mg/L	0.0047506	0.58%
Fe 273.955	2967606.3	278.979	mg/L	0.7454	278.979	mg/L	0.7454	0.27%
Pb 220.353	8440.9	3.07482	mg/L	0.121673	3.07482	mg/L	0.121673	3.96%
Mg 279.077	113755.2	12.1931	mg/L	0.06505	12.1931	mg/L	0.06505	0.53%
Mn 257.610	346133.7	1.20593	mg/L	0.005013	1.20593	mg/L	0.005013	0.42%
Mo 202.031	-14.6	0.0240119	mg/L	0.00158377	0.0240119	mg/L	0.00158377	6.60%
Ni 231.604	4373.0	0.0985965	mg/L	0.00813194	0.0985965	mg/L	0.00813194	8.25%
Se 196.026	-199.8	0.0146857	mg/L	0.00249619	0.0146857	mg/L	0.00249619	17.00%
Ag 328.068	122.7	0.0016914	mg/L	0.00002817	0.0016914	mg/L	0.00002817	1.67%
Na 330.237	1090.8	2.54880	mg/L	0.012771	2.54880	mg/L	0.012771	0.50%
Tl 190.801	-42.0	0.0186786	mg/L	0.00296580	0.0186786	mg/L	0.00296580	15.88%
Sn 189.927	480.6	0.0970940	mg/L	0.00321868	0.0970940	mg/L	0.00321868	3.32%
Ti 334.940	975285.6	2.98654	mg/L	0.018753	2.98654	mg/L	0.018753	0.63%
V 292.402	19925.2	0.187827	mg/L	0.0065536	0.187827	mg/L	0.0065536	3.49%
Zn 206.200	51913.2	1.21539	mg/L	0.004284	1.21539	mg/L	0.004284	0.35%

Sequence No.: 15
Sample ID: 42880-001 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 36
Date Collected: 2/24/2009 8:17:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	556143.6	37.5722	mg/L	0.31689	37.5722	mg/L	0.31689	0.84%
Sb 206.836	46.5	0.0221774	mg/L	0.01117144	0.0221774	mg/L	0.01117144	50.37%
As 188.979	1139.4	0.736767	mg/L	0.0058064	0.736767	mg/L	0.0058064	0.79%
Ba 233.527	81318.1	1.55979	mg/L	0.013929	1.55979	mg/L	0.013929	0.89%
Be 234.861	-5903.9	0.0156183	mg/L	0.00013810	0.0156183	mg/L	0.00013810	0.88%
Cd 226.502	3098.9	0.0119332	mg/L	0.00022879	0.0119332	mg/L	0.00022879	1.92%
Ca 315.887	2335878.0	44.1184	mg/L	0.47410	44.1184	mg/L	0.47410	1.07%
Cr 206.158	2654.5	0.145011	mg/L	0.0005234	0.145011	mg/L	0.0005234	0.36%
Co 228.616	1454.7	0.0493665	mg/L	0.00119198	0.0493665	mg/L	0.00119198	2.41%
Cu 324.752	95317.7	1.12411	mg/L	0.011344	1.12411	mg/L	0.011344	1.01%
Fe 273.955	3272185.4	307.609	mg/L	3.6798	307.609	mg/L	3.6798	1.20%
Pb 220.353	9785.1	3.56494	mg/L	0.026341	3.56494	mg/L	0.026341	0.74%
Mg 279.077	142219.0	15.2440	mg/L	0.15062	15.2440	mg/L	0.15062	0.99%
Mn 257.610	336505.3	1.17238	mg/L	0.013438	1.17238	mg/L	0.013438	1.15%
Mo 202.031	10.9	0.0292326	mg/L	0.00297811	0.0292326	mg/L	0.00297811	10.19%
Ni 231.604	4333.9	0.0856828	mg/L	0.00143994	0.0856828	mg/L	0.00143994	1.68%
Se 196.026	-258.2	0.0045707	mg/L	0.00530103	0.0045707	mg/L	0.00530103	115.98%
Ag 328.068	425.3	0.0046967	mg/L	0.00006343	0.0046967	mg/L	0.00006343	1.35%
Na 330.237	1565.1	3.21756	mg/L	0.092386	3.21756	mg/L	0.092386	2.87%
Tl 190.801	-60.8	0.0139971	mg/L	0.00296464	0.0139971	mg/L	0.00296464	21.18%
Sn 189.927	594.5	0.119676	mg/L	0.0006246	0.119676	mg/L	0.0006246	0.52%
Ti 334.940	1093269.1	3.34783	mg/L	0.041642	3.34783	mg/L	0.041642	1.24%
V 292.402	23153.4	0.217521	mg/L	0.0015639	0.217521	mg/L	0.0015639	0.72%
Zn 206.200	81120.8	1.89657	mg/L	0.023261	1.89657	mg/L	0.023261	1.23%

Sequence No.: 16
Sample ID: 42880-001 MS 1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 2/24/2009 8:19:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 MS 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	721268.5	48.7140	mg/L	0.52930	48.7140	mg/L	0.52930	1.09%
Sb 206.836	628.5	0.336142	mg/L	0.0177918	0.336142	mg/L	0.0177918	5.29%
As 188.979	1970.6	1.25265	mg/L	0.027275	1.25265	mg/L	0.027275	2.18%
Ba 233.527	98295.2	1.88537	mg/L	0.013250	1.88537	mg/L	0.013250	0.70%
Be 234.861	179601.9	0.523978	mg/L	0.0045111	0.523978	mg/L	0.0045111	0.86%
Cd 226.502	35592.4	0.507538	mg/L	0.0106564	0.507538	mg/L	0.0106564	2.10%
Ca 315.887	4869680.9	91.7704	mg/L	1.15933	91.7704	mg/L	1.15933	1.26%
Cr 206.158	13462.6	0.640242	mg/L	0.0065418	0.640242	mg/L	0.0065418	1.02%
Co 228.616	14918.4	0.547188	mg/L	0.0070459	0.547188	mg/L	0.0070459	1.29%
Cu 324.752	121820.5	1.43450	mg/L	0.010897	1.43450	mg/L	0.010897	0.76%
Fe 273.955	3386944.6	318.396	mg/L	3.5885	318.396	mg/L	3.5885	1.13%
Pb 220.353	10104.8	3.68467	mg/L	0.077540	3.68467	mg/L	0.077540	2.10%
Mg 279.077	636404.8	68.2144	mg/L	0.67550	68.2144	mg/L	0.67550	0.99%
Mn 257.610	488333.0	1.70135	mg/L	0.013922	1.70135	mg/L	0.013922	0.82%
Mo 202.031	4366.3	0.506528	mg/L	0.0024860	0.506528	mg/L	0.0024860	0.49%
Ni 231.604	14768.9	0.574001	mg/L	0.0126676	0.574001	mg/L	0.0126676	2.21%
Se 196.026	1356.3	0.489211	mg/L	0.0147807	0.489211	mg/L	0.0147807	3.02%
Ag 328.068	10377.4	0.100571	mg/L	0.0003783	0.100571	mg/L	0.0003783	0.38%
Na 330.237	35841.7	51.5440	mg/L	0.56239	51.5440	mg/L	0.56239	1.09%
Tl 190.801	890.4	0.523119	mg/L	0.0060929	0.523119	mg/L	0.0060929	1.16%
Sn 189.927	3640.2	0.704790	mg/L	0.0057211	0.704790	mg/L	0.0057211	0.81%
Ti 334.940	1487582.1	4.55531	mg/L	0.041278	4.55531	mg/L	0.041278	0.91%
V 292.402	76173.7	0.710180	mg/L	0.0067561	0.710180	mg/L	0.0067561	0.95%
Zn 206.200	85880.0	2.00719	mg/L	0.016355	2.00719	mg/L	0.016355	0.81%

Sequence No.: 17
Sample ID: 42880-001 MS 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 2/24/2009 8:22:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 MS 2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	655791.6	44.2959	mg/L	0.39778	44.2959	mg/L	0.39778	0.90%
Sb 206.836	615.7	0.330280	mg/L	0.0078745	0.330280	mg/L	0.0078745	2.38%
As 188.979	2008.4	1.27355	mg/L	0.008416	1.27355	mg/L	0.008416	0.66%
Ba 233.527	92102.7	1.76662	mg/L	0.014141	1.76662	mg/L	0.014141	0.80%
Be 234.861	177803.1	0.519170	mg/L	0.0021664	0.519170	mg/L	0.0021664	0.42%
Cd 226.502	35550.9	0.506779	mg/L	0.0123553	0.506779	mg/L	0.0123553	2.44%
Ca 315.887	6702000.9	126.230	mg/L	0.6832	126.230	mg/L	0.6832	0.54%
Cr 206.158	13525.1	0.642482	mg/L	0.0050578	0.642482	mg/L	0.0050578	0.79%
Co 228.616	15352.8	0.565073	mg/L	0.0108822	0.565073	mg/L	0.0108822	1.93%
Cu 324.752	112978.6	1.32988	mg/L	0.010745	1.32988	mg/L	0.010745	0.81%
Fe 273.955	3398364.6	319.470	mg/L	2.1208	319.470	mg/L	2.1208	0.66%
Pb 220.353	9243.2	3.37008	mg/L	0.069533	3.37008	mg/L	0.069533	2.06%
Mg 279.077	601088.5	64.4290	mg/L	0.59376	64.4290	mg/L	0.59376	0.92%
Mn 257.610	531085.3	1.85030	mg/L	0.017432	1.85030	mg/L	0.017432	0.94%
Mo 202.031	4378.9	0.507921	mg/L	0.0046384	0.507921	mg/L	0.0046384	0.91%
Ni 231.604	15302.1	0.598802	mg/L	0.0131931	0.598802	mg/L	0.0131931	2.20%
Se 196.026	1417.6	0.507699	mg/L	0.0270213	0.507699	mg/L	0.0270213	5.32%
Ag 328.068	10025.0	0.0976995	mg/L	0.00058931	0.0976995	mg/L	0.00058931	0.60%
Na 330.237	36237.1	52.1015	mg/L	1.02645	52.1015	mg/L	1.02645	1.97%
Tl 190.801	902.2	0.519888	mg/L	0.0058362	0.519888	mg/L	0.0058362	1.12%
Sn 189.927	3456.1	0.672273	mg/L	0.0111675	0.672273	mg/L	0.0111675	1.66%
Ti 334.940	1269643.0	3.88793	mg/L	0.036088	3.88793	mg/L	0.036088	0.93%
V 292.402	78125.6	0.730001	mg/L	0.0088312	0.730001	mg/L	0.0088312	1.21%
Zn 206.200	83223.6	1.94524	mg/L	0.018749	1.94524	mg/L	0.018749	0.96%

Sequence No.: 18
Sample ID: 42880-001 PS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 2/24/2009 8:24:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 PS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	545216.8	36.8349	mg/L	0.00510	36.8349	mg/L	0.00510	0.01%
Sb 206.836	959.6	0.514215	mg/L	0.0139687	0.514215	mg/L	0.0139687	2.72%
As 188.979	1735.5	1.10028	mg/L	0.011673	1.10028	mg/L	0.011673	1.06%
Ba 233.527	100579.2	1.92944	mg/L	0.002520	1.92944	mg/L	0.002520	0.13%
Be 234.861	185861.7	0.536455	mg/L	0.0002868	0.536455	mg/L	0.0002868	0.05%
Cd 226.502	35459.7	0.510687	mg/L	0.0124652	0.510687	mg/L	0.0124652	2.44%
Ca 315.887	4597149.6	86.6450	mg/L	0.10856	86.6450	mg/L	0.10856	0.13%
Cr 206.158	13730.8	0.649662	mg/L	0.0020640	0.649662	mg/L	0.0020640	0.32%
Co 228.616	15180.3	0.559967	mg/L	0.0100552	0.559967	mg/L	0.0100552	1.80%
Cu 324.752	106475.2	1.25396	mg/L	0.002985	1.25396	mg/L	0.002985	0.24%
Fe 273.955	2908929.5	273.464	mg/L	0.0977	273.464	mg/L	0.0977	0.04%
Pb 220.353	9118.7	3.32431	mg/L	0.077777	3.32431	mg/L	0.077777	2.34%
Mg 279.077	609939.4	65.3777	mg/L	0.05919	65.3777	mg/L	0.05919	0.09%
Mn 257.610	483107.6	1.68314	mg/L	0.000194	1.68314	mg/L	0.000194	0.01%
Mo 202.031	4496.4	0.516843	mg/L	0.0079262	0.516843	mg/L	0.0079262	1.53%
Ni 231.604	15002.8	0.602476	mg/L	0.0159418	0.602476	mg/L	0.0159418	2.65%
Se 196.026	1459.0	0.508416	mg/L	0.0029787	0.508416	mg/L	0.0029787	0.59%
Ag 328.068	9371.6	0.0908934	mg/L	0.00051791	0.0908934	mg/L	0.00051791	0.57%
Na 330.237	35815.9	51.5076	mg/L	1.32086	51.5076	mg/L	1.32086	2.56%
Tl 190.801	965.1	0.545682	mg/L	0.0032818	0.545682	mg/L	0.0032818	0.60%
Sn 189.927	3538.6	0.684191	mg/L	0.0021936	0.684191	mg/L	0.0021936	0.32%
Ti 334.940	1107401.2	3.39111	mg/L	0.006768	3.39111	mg/L	0.006768	0.20%
V 292.402	73690.8	0.688049	mg/L	0.0007396	0.688049	mg/L	0.0007396	0.11%
Zn 206.200	73693.6	1.72297	mg/L	0.000751	1.72297	mg/L	0.000751	0.04%

Sequence No.: 19
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 2/24/2009 8:27:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	77780.8	5.29478	mg/L	0.069371	5.29478	mg/L	0.069371	1.31%
QC value within limits for Al 308.215 Recovery = 105.90%								
Sb 206.836	959.4	0.519338	mg/L	0.0075450	0.519338	mg/L	0.0075450	1.45%
QC value within limits for Sb 206.836 Recovery = 103.87%								
As 188.979	833.9	0.515718	mg/L	0.0006889	0.515718	mg/L	0.0006889	0.13%
QC value within limits for As 188.979 Recovery = 103.14%								
Ba 233.527	27842.0	0.534201	mg/L	0.0064100	0.534201	mg/L	0.0064100	1.20%
QC value within limits for Ba 233.527 Recovery = 106.84%								
Be 234.861	186870.3	0.511507	mg/L	0.0058511	0.511507	mg/L	0.0058511	1.14%
QC value within limits for Be 234.861 Recovery = 102.30%								
Cd 226.502	33691.5	0.514574	mg/L	0.0064543	0.514574	mg/L	0.0064543	1.25%
QC value within limits for Cd 226.502 Recovery = 102.91%								
Ca 315.887	2739780.7	51.7144	mg/L	0.88668	51.7144	mg/L	0.88668	1.71%
QC value within limits for Ca 315.887 Recovery = 103.43%								
Cr 206.158	11168.6	0.520646	mg/L	0.0092638	0.520646	mg/L	0.0092638	1.78%
QC value within limits for Cr 206.158 Recovery = 104.13%								
Co 228.616	13605.6	0.508949	mg/L	0.0035030	0.508949	mg/L	0.0035030	0.69%
QC value within limits for Co 228.616 Recovery = 101.79%								
Cu 324.752	42798.6	0.506948	mg/L	0.0061812	0.506948	mg/L	0.0061812	1.22%
QC value within limits for Cu 324.752 Recovery = 101.39%								
Fe 273.955	54315.6	5.13708	mg/L	0.048082	5.13708	mg/L	0.048082	0.94%
QC value within limits for Fe 273.955 Recovery = 102.74%								
Pb 220.353	1430.0	0.522723	mg/L	0.0069033	0.522723	mg/L	0.0069033	1.32%
QC value within limits for Pb 220.353 Recovery = 104.54%								
Mg 279.077	483896.4	51.8675	mg/L	0.66360	51.8675	mg/L	0.66360	1.28%
QC value within limits for Mg 279.077 Recovery = 103.73%								
Mn 257.610	148106.6	0.516003	mg/L	0.0053878	0.516003	mg/L	0.0053878	1.04%
QC value within limits for Mn 257.610 Recovery = 103.20%								
Mo 202.031	4718.0	0.518404	mg/L	0.0033534	0.518404	mg/L	0.0033534	0.65%
QC value within limits for Mo 202.031 Recovery = 103.68%								
Ni 231.604	10817.8	0.508643	mg/L	0.0032581	0.508643	mg/L	0.0032581	0.64%
QC value within limits for Ni 231.604 Recovery = 101.73%								
Se 196.026	1709.2	0.515392	mg/L	0.0023051	0.515392	mg/L	0.0023051	0.45%
QC value within limits for Se 196.026 Recovery = 103.08%								
Ag 328.068	10512.9	0.101300	mg/L	0.0012095	0.101300	mg/L	0.0012095	1.19%
QC value within limits for Ag 328.068 Recovery = 101.30%								
Na 330.237	34777.6	50.0437	mg/L	0.49380	50.0437	mg/L	0.49380	0.99%
QC value within limits for Na 330.237 Recovery = 100.09%								
Tl 190.801	1048.6	0.549862	mg/L	0.0037739	0.549862	mg/L	0.0037739	0.69%
QC value within limits for Tl 190.801 Recovery = 109.97%								
Sn 189.927	2752.8	0.529339	mg/L	0.0046481	0.529339	mg/L	0.0046481	0.88%
QC value within limits for Sn 189.927 Recovery = 105.87%								
Ti 334.940	165581.9	0.507048	mg/L	0.0051280	0.507048	mg/L	0.0051280	1.01%
QC value within limits for Ti 334.940 Recovery = 101.41%								
V 292.402	53758.9	0.504028	mg/L	0.0071129	0.504028	mg/L	0.0071129	1.41%
QC value within limits for V 292.402 Recovery = 100.81%								
Zn 206.200	22507.7	0.529185	mg/L	0.0070767	0.529185	mg/L	0.0070767	1.34%
QC value within limits for Zn 206.200 Recovery = 105.84%								

All analyte(s) passed QC.

Sequence No.: 20
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 2/24/2009 8:30:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	2899.8	0.242203	mg/L	0.0006715	0.242203	mg/L	0.0006715	0.28%
QC value within limits for Al 308.215 Recovery = Not calculated								
Sb 206.836	-6.0	0.0000394	mg/L	0.00148137	0.0000394	mg/L	0.00148137	>999.9%
QC value within limits for Sb 206.836 Recovery = Not calculated								
As 188.979	4.9	0.0043722	mg/L	0.00122189	0.0043722	mg/L	0.00122189	27.95%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527	21.9	0.0004146	mg/L	0.00003062	0.0004146	mg/L	0.00003062	7.39%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861	108.6	0.0003027	mg/L	0.00001711	0.0003027	mg/L	0.00001711	5.65%
QC value within limits for Be 234.861 Recovery = Not calculated								
Cd 226.502	8.0	0.0001163	mg/L	0.00001185	0.0001163	mg/L	0.00001185	10.19%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Ca 315.887	638.0	0.200624	mg/L	0.0055840	0.200624	mg/L	0.0055840	2.78%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cr 206.158	-1.0	0.0048164	mg/L	0.00020510	0.0048164	mg/L	0.00020510	4.26%
QC value within limits for Cr 206.158 Recovery = Not calculated								
Co 228.616	2.9	0.0041041	mg/L	0.00036760	0.0041041	mg/L	0.00036760	8.96%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cu 324.752	684.0	0.0147461	mg/L	0.00071858	0.0147461	mg/L	0.00071858	4.87%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 273.955	256.0	0.0556090	mg/L	0.00120955	0.0556090	mg/L	0.00120955	2.18%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Pb 220.353	14.9	0.0044350	mg/L	0.00116298	0.0044350	mg/L	0.00116298	26.22%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Mg 279.077	-59.5	-0.0063725	mg/L	0.00076846	-0.0063725	mg/L	0.00076846	12.06%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	116.3	0.0004053	mg/L	0.00003616	0.0004053	mg/L	0.00003616	8.92%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	3.7	0.0024500	mg/L	0.00049765	0.0024500	mg/L	0.00049765	20.31%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	10.5	0.0004721	mg/L	0.00020376	0.0004721	mg/L	0.00020376	43.16%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Se 196.026	12.1	0.0075508	mg/L	0.00155138	0.0075508	mg/L	0.00155138	20.55%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068	-0.9	-0.0000052	mg/L	0.00103552	-0.0000052	mg/L	0.00103552	>999.9%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Na 330.237	45.4	1.07490	mg/L	0.034899	1.07490	mg/L	0.034899	3.25%
QC value within limits for Na 330.237 Recovery = Not calculated								
Tl 190.801	5.3	0.0027196	mg/L	0.00280877	0.0027196	mg/L	0.00280877	103.28%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Sn 189.927	23.5	0.0049610	mg/L	0.00087891	0.0049610	mg/L	0.00087891	17.72%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	-189.3	-0.0005797	mg/L	0.00000138	-0.0005797	mg/L	0.00000138	0.24%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	12.5	0.0035489	mg/L	0.00020753	0.0035489	mg/L	0.00020753	5.85%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200	363.5	0.0131416	mg/L	0.00035153	0.0131416	mg/L	0.00035153	2.67%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 21
Sample ID: 42880-001 SD
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 2/24/2009 8:33:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 SD

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	101296.2	6.88148	mg/L	0.014136	6.88148	mg/L	0.014136	0.21%
Sb 206.836	9.2	0.0070670	mg/L	0.00152760	0.0070670	mg/L	0.00152760	21.62%
As 188.979	187.5	0.123169	mg/L	0.0014765	0.123169	mg/L	0.0014765	1.20%
Ba 233.527	15542.8	0.298139	mg/L	0.0006894	0.298139	mg/L	0.0006894	0.23%
Be 234.861	-1029.6	0.0033268	mg/L	0.00010989	0.0033268	mg/L	0.00010989	3.30%
Cd 226.502	532.3	0.0012833	mg/L	0.00009733	0.0012833	mg/L	0.00009733	7.58%
Ca 315.887	395535.5	7.62727	mg/L	0.003475	7.62727	mg/L	0.003475	0.05%
Cr 206.158	594.2	0.0344392	mg/L	0.00063368	0.0344392	mg/L	0.00063368	1.84%
Co 228.616	320.8	0.0143512	mg/L	0.00010501	0.0143512	mg/L	0.00010501	0.73%
Cu 324.752	13878.5	0.169539	mg/L	0.0002192	0.169539	mg/L	0.0002192	0.13%
Fe 273.955	632500.0	59.4850	mg/L	0.01220	59.4850	mg/L	0.01220	0.02%
Pb 220.353	1770.6	0.644133	mg/L	0.0008312	0.644133	mg/L	0.0008312	0.13%
Mg 279.077	23415.4	2.50982	mg/L	0.004080	2.50982	mg/L	0.004080	0.16%
Mn 257.610	71551.8	0.249286	mg/L	0.0003803	0.249286	mg/L	0.0003803	0.15%
Mo 202.031	-1.6	0.0068844	mg/L	0.00042338	0.0068844	mg/L	0.00042338	6.15%
Ni 231.604	922.0	0.0205352	mg/L	0.00002827	0.0205352	mg/L	0.00002827	0.14%
Se 196.026	-42.9	0.0061347	mg/L	0.00121963	0.0061347	mg/L	0.00121963	19.88%
Ag 328.068	-16.5	-0.0000473	mg/L	0.00054809	-0.0000473	mg/L	0.00054809	>999.9%
Na 330.237	236.6	1.34456	mg/L	0.015666	1.34456	mg/L	0.015666	1.17%
Tl 190.801	-4.5	0.0058235	mg/L	0.00070904	0.0058235	mg/L	0.00070904	12.18%
Sn 189.927	109.4	0.0223530	mg/L	0.00059385	0.0223530	mg/L	0.00059385	2.66%
Ti 334.940	197231.2	0.603966	mg/L	0.0008278	0.603966	mg/L	0.0008278	0.14%
V 292.402	4083.8	0.0412228	mg/L	0.00024566	0.0412228	mg/L	0.00024566	0.60%
Zn 206.200	10767.2	0.255778	mg/L	0.0010866	0.255778	mg/L	0.0010866	0.42%

Sequence No.: 22
Sample ID: 42875-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 2/24/2009 8:36:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42875-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	630658.3	42.6001	mg/L	0.24881	42.6001	mg/L	0.24881	0.58%
Sb 206.836	28.3	0.0124833	mg/L	0.00355670	0.0124833	mg/L	0.00355670	28.49%
As 188.979	9.0	0.0264819	mg/L	0.00233209	0.0264819	mg/L	0.00233209	8.81%
Ba 233.527	19323.9	0.369979	mg/L	0.0029276	0.369979	mg/L	0.0029276	0.79%
Be 234.861	-1888.5	0.0073664	mg/L	0.00004181	0.0073664	mg/L	0.00004181	0.57%
Cd 226.502	1842.6	0.0141893	mg/L	0.00013873	0.0141893	mg/L	0.00013873	0.98%
Ca 315.887	1752532.0	33.1477	mg/L	0.28517	33.1477	mg/L	0.28517	0.86%
Cr 206.158	3367.5	0.191911	mg/L	0.0001600	0.191911	mg/L	0.0001600	0.08%
Co 228.616	1711.3	0.0595107	mg/L	0.00021575	0.0595107	mg/L	0.00021575	0.36%
Cu 324.752	37450.7	0.447320	mg/L	0.0025187	0.447320	mg/L	0.0025187	0.56%
Fe 273.955	1290699.7	121.354	mg/L	1.0040	121.354	mg/L	1.0040	0.83%
Pb 220.353	1273.0	0.466753	mg/L	0.0038903	0.466753	mg/L	0.0038903	0.83%
Mg 279.077	217876.3	23.3535	mg/L	0.20912	23.3535	mg/L	0.20912	0.90%
Mn 257.610	336217.4	1.17138	mg/L	0.010384	1.17138	mg/L	0.010384	0.89%
Mo 202.031	59.2	0.0192729	mg/L	0.00017799	0.0192729	mg/L	0.00017799	0.92%
Ni 231.604	9976.0	0.423520	mg/L	0.0034622	0.423520	mg/L	0.0034622	0.82%
Se 196.026	-101.2	0.0038897	mg/L	0.00041312	0.0038897	mg/L	0.00041312	10.62%
Ag 328.068	576.4	0.0059847	mg/L	0.00010832	0.0059847	mg/L	0.00010832	1.81%
Na 330.237	4954.4	7.99604	mg/L	0.125476	7.99604	mg/L	0.125476	1.57%
Tl 190.801	-68.4	0.0068700	mg/L	0.00052784	0.0068700	mg/L	0.00052784	7.68%
Sn 189.927	225.8	0.0473731	mg/L	0.00008197	0.0473731	mg/L	0.00008197	0.17%
Ti 334.940	1018149.6	3.11780	mg/L	0.019041	3.11780	mg/L	0.019041	0.61%
V 292.402	31125.0	0.291276	mg/L	0.0029850	0.291276	mg/L	0.0029850	1.02%
Zn 206.200	142466.9	3.32729	mg/L	0.020231	3.32729	mg/L	0.020231	0.61%

Sequence No.: 23
Sample ID: 42875-002
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 42
Date Collected: 2/24/2009 8:40:14 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42875-002

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	736467.4	49.7395	mg/L	0.06477	49.7395	mg/L	0.06477	0.13%
Sb 206.836	50.0	0.0246130	mg/L	0.00252128	0.0246130	mg/L	0.00252128	10.24%
As 188.979	34.6	0.0387957	mg/L	0.00402438	0.0387957	mg/L	0.00402438	10.37%
Ba 233.527	43960.8	0.842634	mg/L	0.0010795	0.842634	mg/L	0.0010795	0.13%
Be 234.861	-1429.6	0.0072819	mg/L	0.00008315	0.0072819	mg/L	0.00008315	1.14%
Cd 226.502	2219.1	0.0214410	mg/L	0.00007659	0.0214410	mg/L	0.00007659	0.36%
Ca 315.887	1665847.0	31.5174	mg/L	0.00737	31.5174	mg/L	0.00737	0.02%
Cr 206.158	6205.5	0.337082	mg/L	0.0025507	0.337082	mg/L	0.0025507	0.76%
Co 228.616	1420.0	0.0504598	mg/L	0.00017957	0.0504598	mg/L	0.00017957	0.36%
Cu 324.752	96087.4	1.13241	mg/L	0.003144	1.13241	mg/L	0.003144	0.28%
Fe 273.955	1152695.5	108.382	mg/L	0.4139	108.382	mg/L	0.4139	0.38%
Pb 220.353	3171.8	1.15988	mg/L	0.000546	1.15988	mg/L	0.000546	0.05%
Mg 279.077	243183.0	26.0661	mg/L	0.00919	26.0661	mg/L	0.00919	0.04%
Mn 257.610	255484.3	0.890106	mg/L	0.0012379	0.890106	mg/L	0.0012379	0.14%
Mo 202.031	303.9	0.0450901	mg/L	0.00027229	0.0450901	mg/L	0.00027229	0.60%
Ni 231.604	5034.5	0.195271	mg/L	0.0004549	0.195271	mg/L	0.0004549	0.23%
Se 196.026	-87.6	0.0048445	mg/L	0.00093244	0.0048445	mg/L	0.00093244	19.25%
Ag 328.068	2502.5	0.0243673	mg/L	0.00044737	0.0243673	mg/L	0.00044737	1.84%
Na 330.237	6394.3	10.0262	mg/L	0.06855	10.0262	mg/L	0.06855	0.68%
Tl 190.801	-52.9	0.0058108	mg/L	0.00256443	0.0058108	mg/L	0.00256443	44.13%
Sn 189.927	473.6	0.0940349	mg/L	0.00024600	0.0940349	mg/L	0.00024600	0.26%
Ti 334.940	797984.6	2.44361	mg/L	0.007520	2.44361	mg/L	0.007520	0.31%
V 292.402	27242.7	0.254321	mg/L	0.0003568	0.254321	mg/L	0.0003568	0.14%
Zn 206.200	208746.0	4.87304	mg/L	0.008046	4.87304	mg/L	0.008046	0.17%

Sequence No.: 24
Sample ID: 42875-003
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 2/24/2009 8:44:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42875-003

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	437675.7	29.5786	mg/L	0.01553	29.5786	mg/L	0.01553	0.05%
Sb 206.836	34.6	0.0180398	mg/L	0.00376472	0.0180398	mg/L	0.00376472	20.87%
As 188.979	15.7	0.0230236	mg/L	0.00130972	0.0230236	mg/L	0.00130972	5.69%
Ba 233.527	24852.7	0.476343	mg/L	0.0001019	0.476343	mg/L	0.0001019	0.02%
Be 234.861	-1007.1	0.0049929	mg/L	0.00009638	0.0049929	mg/L	0.00009638	1.93%
Cd 226.502	1243.0	0.0103595	mg/L	0.00010909	0.0103595	mg/L	0.00010909	1.05%
Ca 315.887	1196088.3	22.6829	mg/L	0.01083	22.6829	mg/L	0.01083	0.05%
Cr 206.158	4517.6	0.239098	mg/L	0.0012271	0.239098	mg/L	0.0012271	0.51%
Co 228.616	1184.6	0.0430945	mg/L	0.00041457	0.0430945	mg/L	0.00041457	0.96%
Cu 324.752	44911.4	0.533523	mg/L	0.0006134	0.533523	mg/L	0.0006134	0.11%
Fe 273.955	797843.9	75.0270	mg/L	0.17346	75.0270	mg/L	0.17346	0.23%
Pb 220.353	2319.7	0.847432	mg/L	0.0033958	0.847432	mg/L	0.0033958	0.40%
Mg 279.077	151581.8	16.2476	mg/L	0.00555	16.2476	mg/L	0.00555	0.03%
Mn 257.610	166726.9	0.580876	mg/L	0.0000616	0.580876	mg/L	0.0000616	0.01%
Mo 202.031	159.4	0.0261804	mg/L	0.00027183	0.0261804	mg/L	0.00027183	1.04%
Ni 231.604	6470.6	0.276104	mg/L	0.0006621	0.276104	mg/L	0.0006621	0.24%
Se 196.026	-52.2	0.0070957	mg/L	0.00229221	0.0070957	mg/L	0.00229221	32.30%
Ag 328.068	985.1	0.0097410	mg/L	0.00030461	0.0097410	mg/L	0.00030461	3.13%
Na 330.237	3941.2	6.56760	mg/L	0.046693	6.56760	mg/L	0.046693	0.71%
Tl 190.801	-38.7	0.0059261	mg/L	0.00064224	0.0059261	mg/L	0.00064224	10.84%
Sn 189.927	263.5	0.0532468	mg/L	0.00041584	0.0532468	mg/L	0.00041584	0.78%
Ti 334.940	622088.7	1.90497	mg/L	0.006231	1.90497	mg/L	0.006231	0.33%
V 292.402	16807.5	0.157945	mg/L	0.0005394	0.157945	mg/L	0.0005394	0.34%
Zn 206.200	119446.5	2.79040	mg/L	0.000501	2.79040	mg/L	0.000501	0.02%

Sequence No.: 25
Sample ID: ICSA V-59477
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 2/24/2009 8:47:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-59477

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	6672927.1	450.301	mg/L	1.6552	450.301	mg/L	1.6552	0.37%
QC value within limits for Al 308.215 Recovery = 90.06%								
Sb 206.836	33.0	-0.0085115	mg/L	0.00452239	-0.0085115	mg/L	0.00452239	53.13%
As 188.979	-2.0	0.0113937	mg/L	0.00084009	0.0113937	mg/L	0.00084009	7.37%
Ba 233.527	54.2	-0.0080645	mg/L	0.00001614	-0.0080645	mg/L	0.00001614	0.20%
Be 234.861	-3662.5	0.0077091	mg/L	0.00014504	0.0077091	mg/L	0.00014504	1.88%
Cd 226.502	1491.9	0.0030293	mg/L	0.00042170	0.0030293	mg/L	0.00042170	13.92%
Ca 315.887	24509285.6	461.123	mg/L	2.3650	461.123	mg/L	2.3650	0.51%
QC value within limits for Ca 315.887 Recovery = 92.22%								
Cr 206.158	73.2	0.0081717	mg/L	0.00045666	0.0081717	mg/L	0.00045666	5.59%
Co 228.616	96.7	0.0075804	mg/L	0.00046829	0.0075804	mg/L	0.00046829	6.18%
Cu 324.752	1285.4	0.0143975	mg/L	0.00057216	0.0143975	mg/L	0.00057216	3.97%
Fe 273.955	1825806.4	171.653	mg/L	3.8342	171.653	mg/L	3.8342	2.23%
QC value within limits for Fe 273.955 Recovery = 85.83%								
Pb 220.353	-140.0	-0.0012059	mg/L	0.00116756	-0.0012059	mg/L	0.00116756	96.82%
Mg 279.077	4543713.9	487.028	mg/L	2.7488	487.028	mg/L	2.7488	0.56%
QC value within limits for Mg 279.077 Recovery = 97.41%								
Mn 257.610	-486.1	-0.0016935	mg/L	0.00000530	-0.0016935	mg/L	0.00000530	0.31%
Mo 202.031	-159.9	0.0069105	mg/L	0.00083541	0.0069105	mg/L	0.00083541	12.09%
Ni 231.604	1112.1	-0.0190303	mg/L	0.00085336	-0.0190303	mg/L	0.00085336	4.48%
Se 196.026	-167.9	-0.0023639	mg/L	0.00809411	-0.0023639	mg/L	0.00809411	342.41%
Ag 328.068	-611.2	0.0007791	mg/L	0.00036247	0.0007791	mg/L	0.00036247	46.52%
Na 330.237	237.0	1.34507	mg/L	0.017928	1.34507	mg/L	0.017928	1.33%
Tl 190.801	-9.5	-0.0050203	mg/L	0.00214264	-0.0050203	mg/L	0.00214264	42.68%
Sn 189.927	48.2	0.0179758	mg/L	0.00116164	0.0179758	mg/L	0.00116164	6.46%
Ti 334.940	-633.0	-0.0019383	mg/L	0.00006314	-0.0019383	mg/L	0.00006314	3.26%
V 292.402	14671.9	0.0207852	mg/L	0.00198212	0.0207852	mg/L	0.00198212	9.54%
Zn 206.200	258.8	0.0107150	mg/L	0.00071033	0.0107150	mg/L	0.00071033	6.63%

All analyte(s) passed QC.

Sequence No.: 26
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/24/2009 8:51:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	6759926.1	456.171	mg/L	1.0319	456.171	mg/L	1.0319	0.23%
QC value within limits for Al 308.215 Recovery = 91.23%								
Sb 206.836	1790.9	0.925264	mg/L	0.0269239	0.925264	mg/L	0.0269239	2.91%
QC value within limits for Sb 206.836 Recovery = 92.53%								
As 188.979	1529.2	0.955894	mg/L	0.0320747	0.955894	mg/L	0.0320747	3.36%
QC value within limits for As 188.979 Recovery = 95.59%								
Ba 233.527	25471.9	0.479600	mg/L	0.0089646	0.479600	mg/L	0.0089646	1.87%
QC value within limits for Ba 233.527 Recovery = 95.92%								
Be 234.861	175512.6	0.497649	mg/L	0.0040468	0.497649	mg/L	0.0040468	0.81%
QC value within limits for Be 234.861 Recovery = 99.53%								
Cd 226.502	59789.0	0.894425	mg/L	0.0074469	0.894425	mg/L	0.0074469	0.83%
QC value within limits for Cd 226.502 Recovery = 89.44%								
Ca 315.887	24685197.1	464.431	mg/L	0.1854	464.431	mg/L	0.1854	0.04%
QC value within limits for Ca 315.887 Recovery = 92.89%								
Cr 206.158	9975.1	0.469533	mg/L	0.0096657	0.469533	mg/L	0.0096657	2.06%
QC value within limits for Cr 206.158 Recovery = 93.91%								
Co 228.616	11900.7	0.446406	mg/L	0.0077089	0.446406	mg/L	0.0077089	1.73%
QC value within limits for Co 228.616 Recovery = 89.28%								
Cu 324.752	40141.6	0.468755	mg/L	0.0057673	0.468755	mg/L	0.0057673	1.23%
QC value within limits for Cu 324.752 Recovery = 93.75%								
Fe 273.955	1826338.6	171.703	mg/L	1.2226	171.703	mg/L	1.2226	0.71%
QC value within limits for Fe 273.955 Recovery = 85.85%								
Pb 220.353	2324.5	0.898096	mg/L	0.0252560	0.898096	mg/L	0.0252560	2.81%
QC value within limits for Pb 220.353 Recovery = 89.81%								
Mg 279.077	4509196.4	483.328	mg/L	4.1338	483.328	mg/L	4.1338	0.86%
QC value within limits for Mg 279.077 Recovery = 96.67%								
Mn 257.610	132631.8	0.462089	mg/L	0.0034335	0.462089	mg/L	0.0034335	0.74%
QC value within limits for Mn 257.610 Recovery = 92.42%								
Mo 202.031	-150.8	0.0080200	mg/L	0.00135126	0.0080200	mg/L	0.00135126	16.85%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	19474.5	0.847331	mg/L	0.0165311	0.847331	mg/L	0.0165311	1.95%
QC value within limits for Ni 231.604 Recovery = 84.73%								
Se 196.026	2952.1	0.929249	mg/L	0.0301208	0.929249	mg/L	0.0301208	3.24%
QC value within limits for Se 196.026 Recovery = 92.92%								
Ag 328.068	102856.4	0.989216	mg/L	0.0086998	0.989216	mg/L	0.0086998	0.88%
QC value within limits for Ag 328.068 Recovery = 98.92%								
Na 330.237	770.5	2.09728	mg/L	0.005315	2.09728	mg/L	0.005315	0.25%
QC value greater than the upper limit for Na 330.237 Recovery = Not calculated								
Tl 190.801	1744.8	0.902604	mg/L	0.0336003	0.902604	mg/L	0.0336003	3.72%
QC value within limits for Tl 190.801 Recovery = 90.26%								
Sn 189.927	22.6	0.0136079	mg/L	0.00751903	0.0136079	mg/L	0.00751903	55.25%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	-837.3	-0.0025639	mg/L	0.00009390	-0.0025639	mg/L	0.00009390	3.66%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	60811.1	0.459415	mg/L	0.0036055	0.459415	mg/L	0.0036055	0.78%
QC value within limits for V 292.402 Recovery = 91.88%								
Zn 206.200	38330.2	0.898620	mg/L	0.0193753	0.898620	mg/L	0.0193753	2.16%
QC value within limits for Zn 206.200 Recovery = 89.86%								

QC Failed. Continue with analysis.

Sequence No.: 27
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 2/24/2009 8:54:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	78631.0	5.35215	mg/L	0.089463	5.35215	mg/L	0.089463	1.67%
QC value within limits for Al 308.215 Recovery = 107.04%								
Sb 206.836	960.6	0.520007	mg/L	0.0018848	0.520007	mg/L	0.0018848	0.36%
QC value within limits for Sb 206.836 Recovery = 104.00%								
As 188.979	835.6	0.516786	mg/L	0.0043484	0.516786	mg/L	0.0043484	0.84%
QC value within limits for As 188.979 Recovery = 103.36%								
Ba 233.527	28097.3	0.539100	mg/L	0.0092507	0.539100	mg/L	0.0092507	1.72%
QC value within limits for Ba 233.527 Recovery = 107.82%								
Be 234.861	187674.6	0.513708	mg/L	0.0085593	0.513708	mg/L	0.0085593	1.67%
QC value within limits for Be 234.861 Recovery = 102.74%								
Cd 226.502	33763.1	0.515666	mg/L	0.0092453	0.515666	mg/L	0.0092453	1.79%
QC value within limits for Cd 226.502 Recovery = 103.13%								
Ca 315.887	2723187.0	51.4023	mg/L	0.04105	51.4023	mg/L	0.04105	0.08%
QC value within limits for Ca 315.887 Recovery = 102.80%								
Cr 206.158	11343.2	0.528616	mg/L	0.0079569	0.528616	mg/L	0.0079569	1.51%
QC value within limits for Cr 206.158 Recovery = 105.72%								
Co 228.616	13657.3	0.510866	mg/L	0.0020562	0.510866	mg/L	0.0020562	0.40%
QC value within limits for Co 228.616 Recovery = 102.17%								
Cu 324.752	42458.0	0.502972	mg/L	0.0092259	0.502972	mg/L	0.0092259	1.83%
QC value within limits for Cu 324.752 Recovery = 100.59%								
Fe 273.955	54495.3	5.15398	mg/L	0.070677	5.15398	mg/L	0.070677	1.37%
QC value within limits for Fe 273.955 Recovery = 103.08%								
Pb 220.353	1418.7	0.518610	mg/L	0.0004440	0.518610	mg/L	0.0004440	0.09%
QC value within limits for Pb 220.353 Recovery = 103.72%								
Mg 279.077	481567.4	51.6178	mg/L	0.08347	51.6178	mg/L	0.08347	0.16%
QC value within limits for Mg 279.077 Recovery = 103.24%								
Mn 257.610	148870.1	0.518663	mg/L	0.0084783	0.518663	mg/L	0.0084783	1.63%
QC value within limits for Mn 257.610 Recovery = 103.73%								
Mo 202.031	4721.9	0.518833	mg/L	0.0027829	0.518833	mg/L	0.0027829	0.54%
QC value within limits for Mo 202.031 Recovery = 103.77%								
Ni 231.604	10883.6	0.511741	mg/L	0.0024565	0.511741	mg/L	0.0024565	0.48%
QC value within limits for Ni 231.604 Recovery = 102.35%								
Se 196.026	1719.6	0.518497	mg/L	0.0007232	0.518497	mg/L	0.0007232	0.14%
QC value within limits for Se 196.026 Recovery = 103.70%								
Ag 328.068	10401.7	0.100233	mg/L	0.0007702	0.100233	mg/L	0.0007702	0.77%
QC value within limits for Ag 328.068 Recovery = 100.23%								
Na 330.237	34875.3	50.1815	mg/L	0.50505	50.1815	mg/L	0.50505	1.01%
QC value within limits for Na 330.237 Recovery = 100.36%								
Tl 190.801	1057.9	0.554666	mg/L	0.0057680	0.554666	mg/L	0.0057680	1.04%
QC value greater than the upper limit for Tl 190.801 Recovery = 110.93%								
Sn 189.927	2734.9	0.525913	mg/L	0.0040189	0.525913	mg/L	0.0040189	0.76%
QC value within limits for Sn 189.927 Recovery = 105.18%								
Ti 334.940	166213.3	0.508982	mg/L	0.0076777	0.508982	mg/L	0.0076777	1.51%
QC value within limits for Ti 334.940 Recovery = 101.80%								
V 292.402	53835.5	0.504819	mg/L	0.0097610	0.504819	mg/L	0.0097610	1.93%
QC value within limits for V 292.402 Recovery = 100.96%								
Zn 206.200	22476.0	0.528447	mg/L	0.0087474	0.528447	mg/L	0.0087474	1.66%
QC value within limits for Zn 206.200 Recovery = 105.69%								

QC Failed. Continue with analysis.

Sequence No.: 28
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 2/24/2009 8:57:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	3057.3	0.252829	mg/L	0.0003221	0.252829	mg/L	0.0003221	0.13%
QC value within limits for Al 308.215 Recovery = Not calculated								
Sb 206.836	-4.9	0.0006180	mg/L	0.00128832	0.0006180	mg/L	0.00128832	208.47%
QC value within limits for Sb 206.836 Recovery = Not calculated								
As 188.979	2.6	0.0029351	mg/L	0.00371377	0.0029351	mg/L	0.00371377	126.53%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527	19.9	0.0003769	mg/L	0.00001722	0.0003769	mg/L	0.00001722	4.57%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861	71.1	0.0001995	mg/L	0.00001557	0.0001995	mg/L	0.00001557	7.80%
QC value within limits for Be 234.861 Recovery = Not calculated								
Cd 226.502	1.8	0.0000223	mg/L	0.00003634	0.0000223	mg/L	0.00003634	163.15%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Ca 315.887	794.1	0.203559	mg/L	0.0028798	0.203559	mg/L	0.0028798	1.41%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cr 206.158	0.5	0.0048669	mg/L	0.00025144	0.0048669	mg/L	0.00025144	5.17%
QC value within limits for Cr 206.158 Recovery = Not calculated								
Co 228.616	2.9	0.0041048	mg/L	0.00030259	0.0041048	mg/L	0.00030259	7.37%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cu 324.752	368.7	0.0110584	mg/L	0.00040882	0.0110584	mg/L	0.00040882	3.70%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 273.955	206.7	0.0509812	mg/L	0.00094697	0.0509812	mg/L	0.00094697	1.86%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Pb 220.353	12.2	0.0034570	mg/L	0.00153589	0.0034570	mg/L	0.00153589	44.43%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Mg 279.077	105.4	0.0112933	mg/L	0.00319096	0.0112933	mg/L	0.00319096	28.26%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	71.7	0.0002499	mg/L	0.00001125	0.0002499	mg/L	0.00001125	4.50%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	1.1	0.0021604	mg/L	0.00075969	0.0021604	mg/L	0.00075969	35.16%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	7.3	0.0003234	mg/L	0.00021632	0.0003234	mg/L	0.00021632	66.89%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Se 196.026	6.3	0.0058185	mg/L	0.00270671	0.0058185	mg/L	0.00270671	46.52%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068	-9.7	-0.0000888	mg/L	0.00002154	-0.0000888	mg/L	0.00002154	24.26%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Na 330.237	5.2	1.01825	mg/L	0.034820	1.01825	mg/L	0.034820	3.42%
QC value within limits for Na 330.237 Recovery = Not calculated								
Tl 190.801	2.0	0.0009787	mg/L	0.00070988	0.0009787	mg/L	0.00070988	72.54%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Sn 189.927	22.7	0.0048155	mg/L	0.00029612	0.0048155	mg/L	0.00029612	6.15%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	-147.6	-0.0004519	mg/L	0.00021302	-0.0004519	mg/L	0.00021302	47.14%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	17.4	0.0035892	mg/L	0.00019505	0.0035892	mg/L	0.00019505	5.43%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200	284.1	0.0112904	mg/L	0.00046816	0.0112904	mg/L	0.00046816	4.15%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 29
Sample ID: 42875-004
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 2/24/2009 9:00:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42875-004

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1033223.9	69.7631	mg/L	0.77345	69.7631	mg/L	0.77345	1.11%
Sb 206.836	65.9	0.0314441	mg/L	0.00594521	0.0314441	mg/L	0.00594521	18.91%
As 188.979	40.5	0.0458731	mg/L	0.00061339	0.0458731	mg/L	0.00061339	1.34%
Ba 233.527	54147.9	1.03773	mg/L	0.006826	1.03773	mg/L	0.006826	0.66%
Be 234.861	-1665.2	0.0094585	mg/L	0.00020529	0.0094585	mg/L	0.00020529	2.17%
Cd 226.502	2700.1	0.0256476	mg/L	0.00004767	0.0256476	mg/L	0.00004767	0.19%
Ca 315.887	1986986.0	37.5569	mg/L	0.31937	37.5569	mg/L	0.31937	0.85%
Cr 206.158	7366.5	0.395894	mg/L	0.0033200	0.395894	mg/L	0.0033200	0.84%
Co 228.616	1787.3	0.0629340	mg/L	0.00048892	0.0629340	mg/L	0.00048892	0.78%
Cu 324.752	109532.3	1.29000	mg/L	0.014969	1.29000	mg/L	0.014969	1.16%
Fe 273.955	1443349.3	135.703	mg/L	1.4046	135.703	mg/L	1.4046	1.04%
Pb 220.353	3720.0	1.36154	mg/L	0.001983	1.36154	mg/L	0.001983	0.15%
Mg 279.077	300506.6	32.2104	mg/L	0.31243	32.2104	mg/L	0.31243	0.97%
Mn 257.610	363902.2	1.26783	mg/L	0.011557	1.26783	mg/L	0.011557	0.91%
Mo 202.031	389.0	0.0570155	mg/L	0.00006249	0.0570155	mg/L	0.00006249	0.11%
Ni 231.604	5792.7	0.220294	mg/L	0.0005038	0.220294	mg/L	0.0005038	0.23%
Se 196.026	-112.4	0.0041399	mg/L	0.00328974	0.0041399	mg/L	0.00328974	79.46%
Ag 328.068	2378.2	0.0232685	mg/L	0.00047110	0.0232685	mg/L	0.00047110	2.02%
Na 330.237	8037.6	12.3431	mg/L	0.24732	12.3431	mg/L	0.24732	2.00%
Tl 190.801	-62.7	0.0067605	mg/L	0.00101766	0.0067605	mg/L	0.00101766	15.05%
Sn 189.927	568.8	0.112740	mg/L	0.0024122	0.112740	mg/L	0.0024122	2.14%
Ti 334.940	947035.5	2.90003	mg/L	0.028917	2.90003	mg/L	0.028917	1.00%
V 292.402	33797.1	0.314795	mg/L	0.0026862	0.314795	mg/L	0.0026862	0.85%
Zn 206.200	233407.3	5.44819	mg/L	0.068491	5.44819	mg/L	0.068491	1.26%

Sequence No.: 30
Sample ID: 42868-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 2/24/2009 9:04:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-001

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1398109.0	94.3836	mg/L	0.06210	94.3836	mg/L	0.06210	0.07%
Sb 206.836	23.8	0.0056957	mg/L	0.00022017	0.0056957	mg/L	0.00022017	3.87%
As 188.979	-2.0	0.0244356	mg/L	0.00130058	0.0244356	mg/L	0.00130058	5.32%
Ba 233.527	43120.9	0.825612	mg/L	0.0005755	0.825612	mg/L	0.0005755	0.07%
Be 234.861	-1570.4	0.0105219	mg/L	0.00001035	0.0105219	mg/L	0.00001035	0.10%
Cd 226.502	1290.2	0.0031910	mg/L	0.00005842	0.0031910	mg/L	0.00005842	1.83%
Ca 315.887	447370.1	8.60210	mg/L	0.032805	8.60210	mg/L	0.032805	0.38%
Cr 206.158	3764.9	0.179940	mg/L	0.0011174	0.179940	mg/L	0.0011174	0.62%
Co 228.616	1978.9	0.0672143	mg/L	0.00020830	0.0672143	mg/L	0.00020830	0.31%
Cu 324.752	8140.5	0.105799	mg/L	0.0001116	0.105799	mg/L	0.0001116	0.11%
Fe 273.955	1526202.9	143.491	mg/L	0.4047	143.491	mg/L	0.4047	0.28%
Pb 220.353	146.7	0.0612072	mg/L	0.00077826	0.0612072	mg/L	0.00077826	1.27%
Mg 279.077	259563.2	27.8218	mg/L	0.07008	27.8218	mg/L	0.07008	0.25%
Mn 257.610	627897.7	2.18759	mg/L	0.005961	2.18759	mg/L	0.005961	0.27%
Mo 202.031	-61.0	0.0088973	mg/L	0.00096040	0.0088973	mg/L	0.00096040	10.79%
Ni 231.604	3572.8	0.112227	mg/L	0.0002282	0.112227	mg/L	0.0002282	0.20%
Se 196.026	-126.0	0.0014333	mg/L	0.00239559	0.0014333	mg/L	0.00239559	167.14%
Ag 328.068	-175.7	-0.0015565	mg/L	0.00031204	-0.0015565	mg/L	0.00031204	20.05%
Na 330.237	-216.2	0.706031	mg/L	0.0329946	0.706031	mg/L	0.0329946	4.67%
Tl 190.801	-85.4	0.0091631	mg/L	0.00093440	0.0091631	mg/L	0.00093440	10.20%
Sn 189.927	133.7	0.0279239	mg/L	0.00030041	0.0279239	mg/L	0.00030041	1.08%
Ti 334.940	1298374.1	3.97591	mg/L	0.005627	3.97591	mg/L	0.005627	0.14%
V 292.402	19274.4	0.177193	mg/L	0.0003637	0.177193	mg/L	0.0003637	0.21%
Zn 206.200	13404.9	0.317301	mg/L	0.0016028	0.317301	mg/L	0.0016028	0.51%

Sequence No.: 31
Sample ID: 42868-002
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 2/24/2009 9:07:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-002

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1646946.4	111.174	mg/L	0.8987	111.174	mg/L	0.8987	0.81%
Sb 206.836	40.5	0.0103188	mg/L	0.00196255	0.0103188	mg/L	0.00196255	19.02%
As 188.979	-41.7	0.0112135	mg/L	0.00320112	0.0112135	mg/L	0.00320112	28.55%
Ba 233.527	43359.8	0.829858	mg/L	0.0135784	0.829858	mg/L	0.0135784	1.64%
Be 234.861	-1339.1	0.0093806	mg/L	0.00010149	0.0093806	mg/L	0.00010149	1.08%
Cd 226.502	1160.7	0.0031914	mg/L	0.00002418	0.0031914	mg/L	0.00002418	0.76%
Ca 315.887	629367.6	12.0248	mg/L	0.19562	12.0248	mg/L	0.19562	1.63%
Cr 206.158	6003.9	0.282173	mg/L	0.0011627	0.282173	mg/L	0.0011627	0.41%
Co 228.616	2406.9	0.0745194	mg/L	0.00074021	0.0745194	mg/L	0.00074021	0.99%
Cu 324.752	7815.2	0.105262	mg/L	0.0015278	0.105262	mg/L	0.0015278	1.45%
Fe 273.955	1343444.3	126.312	mg/L	1.1556	126.312	mg/L	1.1556	0.91%
Pb 220.353	101.5	0.0492145	mg/L	0.00364494	0.0492145	mg/L	0.00364494	7.41%
Mg 279.077	275298.8	29.5085	mg/L	0.56967	29.5085	mg/L	0.56967	1.93%
Mn 257.610	264065.1	0.920002	mg/L	0.0173983	0.920002	mg/L	0.0173983	1.89%
Mo 202.031	51.1	0.0200444	mg/L	0.00116395	0.0200444	mg/L	0.00116395	5.81%
Ni 231.604	4781.6	0.175678	mg/L	0.0010221	0.175678	mg/L	0.0010221	0.58%
Se 196.026	-112.4	0.0019831	mg/L	0.00079338	0.0019831	mg/L	0.00079338	40.01%
Ag 328.068	-175.0	-0.0014973	mg/L	0.00020833	-0.0014973	mg/L	0.00020833	13.91%
Na 330.237	-1800.2	-1.52718	mg/L	0.049460	-1.52718	mg/L	0.049460	3.24%
Tl 190.801	-154.8	0.0201253	mg/L	0.00057462	0.0201253	mg/L	0.00057462	2.86%
Sn 189.927	134.5	0.0307059	mg/L	0.00063688	0.0307059	mg/L	0.00063688	2.07%
Ti 334.940	2380114.8	7.28844	mg/L	0.071969	7.28844	mg/L	0.071969	0.99%
V 292.402	25563.3	0.234793	mg/L	0.0042392	0.234793	mg/L	0.0042392	1.81%
Zn 206.200	13035.2	0.308668	mg/L	0.0008981	0.308668	mg/L	0.0008981	0.29%

Sequence No.: 32
Sample ID: 42868-003
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 2/24/2009 9:10:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-003

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	833141.7	56.2626	mg/L	0.84665	56.2626	mg/L	0.84665	1.50%
Sb 206.836	17.8	0.0052015	mg/L	0.00119091	0.0052015	mg/L	0.00119091	22.90%
As 188.979	-23.4	0.0059623	mg/L	0.00256283	0.0059623	mg/L	0.00256283	42.98%
Ba 233.527	16745.8	0.320226	mg/L	0.0009513	0.320226	mg/L	0.0009513	0.30%
Be 234.861	-841.0	0.0053144	mg/L	0.00004022	0.0053144	mg/L	0.00004022	0.76%
Cd 226.502	670.4	0.0017520	mg/L	0.00010991	0.0017520	mg/L	0.00010991	6.27%
Ca 315.887	513422.8	9.84433	mg/L	0.143293	9.84433	mg/L	0.143293	1.46%
Cr 206.158	3142.1	0.150578	mg/L	0.0003757	0.150578	mg/L	0.0003757	0.25%
Co 228.616	1391.3	0.0458518	mg/L	0.00012933	0.0458518	mg/L	0.00012933	0.28%
Cu 324.752	4016.7	0.0573684	mg/L	0.00111276	0.0573684	mg/L	0.00111276	1.94%
Fe 273.955	784161.8	73.7409	mg/L	1.09629	73.7409	mg/L	1.09629	1.49%
Pb 220.353	71.4	0.0315240	mg/L	0.00114218	0.0315240	mg/L	0.00114218	3.62%
Mg 279.077	213988.9	22.9369	mg/L	0.33339	22.9369	mg/L	0.33339	1.45%
Mn 257.610	243763.8	0.849272	mg/L	0.0121250	0.849272	mg/L	0.0121250	1.43%
Mo 202.031	-31.7	0.0056621	mg/L	0.00081290	0.0056621	mg/L	0.00081290	14.36%
Ni 231.604	2522.6	0.0899761	mg/L	0.00092622	0.0899761	mg/L	0.00092622	1.03%
Se 196.026	-65.7	0.0025466	mg/L	0.00020253	0.0025466	mg/L	0.00020253	7.95%
Ag 328.068	23.0	0.0003609	mg/L	0.00029217	0.0003609	mg/L	0.00029217	80.95%
Na 330.237	-607.3	0.154631	mg/L	0.0219237	0.154631	mg/L	0.0219237	14.18%
Tl 190.801	-81.9	0.0094825	mg/L	0.00537366	0.0094825	mg/L	0.00537366	56.67%
Sn 189.927	126.6	0.0268540	mg/L	0.00039735	0.0268540	mg/L	0.00039735	1.48%
Ti 334.940	1238168.6	3.79155	mg/L	0.048474	3.79155	mg/L	0.048474	1.28%
V 292.402	15463.4	0.142381	mg/L	0.0014271	0.142381	mg/L	0.0014271	1.00%
Zn 206.200	9531.7	0.226966	mg/L	0.0001346	0.226966	mg/L	0.0001346	0.06%

Sequence No.: 33
Sample ID: 42868-004
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 2/24/2009 9:13:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-004

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	973601.7	65.7401	mg/L	0.96723	65.7401	mg/L	0.96723	1.47%
Sb 206.836	30.5	0.0100703	mg/L	0.00479233	0.0100703	mg/L	0.00479233	47.59%
As 188.979	-21.1	0.0145894	mg/L	0.00148928	0.0145894	mg/L	0.00148928	10.21%
Ba 233.527	31532.1	0.603795	mg/L	0.0084056	0.603795	mg/L	0.0084056	1.39%
Be 234.861	-1651.6	0.0069960	mg/L	0.00013275	0.0069960	mg/L	0.00013275	1.90%
Cd 226.502	1025.8	0.0028359	mg/L	0.00025544	0.0028359	mg/L	0.00025544	9.01%
Ca 315.887	2053223.0	38.8026	mg/L	0.57830	38.8026	mg/L	0.57830	1.49%
Cr 206.158	2768.8	0.134819	mg/L	0.0000020	0.134819	mg/L	0.0000020	0.00%
Co 228.616	1810.4	0.0581383	mg/L	0.00035176	0.0581383	mg/L	0.00035176	0.61%
Cu 324.752	12083.5	0.152512	mg/L	0.0029119	0.152512	mg/L	0.0029119	1.91%
Fe 273.955	1185793.5	111.493	mg/L	1.7862	111.493	mg/L	1.7862	1.60%
Pb 220.353	1307.6	0.483475	mg/L	0.0032434	0.483475	mg/L	0.0032434	0.67%
Mg 279.077	363474.5	38.9598	mg/L	0.61522	38.9598	mg/L	0.61522	1.58%
Mn 257.610	594733.3	2.07205	mg/L	0.030868	2.07205	mg/L	0.030868	1.49%
Mo 202.031	-41.4	0.0078829	mg/L	0.00064757	0.0078829	mg/L	0.00064757	8.21%
Ni 231.604	3015.8	0.0986069	mg/L	0.00006249	0.0986069	mg/L	0.00006249	0.06%
Se 196.026	-91.2	0.0037301	mg/L	0.00380764	0.0037301	mg/L	0.00380764	102.08%
Ag 328.068	-113.8	-0.0005306	mg/L	0.00102536	-0.0005306	mg/L	0.00102536	193.24%
Na 330.237	-499.6	0.306475	mg/L	0.0106078	0.306475	mg/L	0.0106078	3.46%
Tl 190.801	-102.5	0.0154366	mg/L	0.00036211	0.0154366	mg/L	0.00036211	2.35%
Sn 189.927	257.8	0.0544106	mg/L	0.00276787	0.0544106	mg/L	0.00276787	5.09%
Ti 334.940	1651586.6	5.05752	mg/L	0.080309	5.05752	mg/L	0.080309	1.59%
V 292.402	18091.5	0.162640	mg/L	0.0026823	0.162640	mg/L	0.0026823	1.65%
Zn 206.200	15097.7	0.356778	mg/L	0.0003260	0.356778	mg/L	0.0003260	0.09%

Sequence No.: 34
Sample ID: 42868-005
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 2/24/2009 9:16:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-005

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1292729.5	87.2732	mg/L	1.66939	87.2732	mg/L	1.66939	1.91%
Sb 206.836	32.9	0.0104050	mg/L	0.00089199	0.0104050	mg/L	0.00089199	8.57%
As 188.979	-27.2	0.0078012	mg/L	0.00241857	0.0078012	mg/L	0.00241857	31.00%
Ba 233.527	39459.4	0.755489	mg/L	0.0164076	0.755489	mg/L	0.0164076	2.17%
Be 234.861	-767.8	0.0073135	mg/L	0.00022671	0.0073135	mg/L	0.00022671	3.10%
Cd 226.502	848.3	0.0024651	mg/L	0.00010329	0.0024651	mg/L	0.00010329	4.19%
Ca 315.887	845146.9	16.0829	mg/L	0.34400	16.0829	mg/L	0.34400	2.14%
Cr 206.158	5938.1	0.279251	mg/L	0.0011683	0.279251	mg/L	0.0011683	0.42%
Co 228.616	1653.4	0.0535084	mg/L	0.00016236	0.0535084	mg/L	0.00016236	0.30%
Cu 324.752	5592.0	0.0764943	mg/L	0.00164581	0.0764943	mg/L	0.00164581	2.15%
Fe 273.955	969513.9	91.1635	mg/L	1.62818	91.1635	mg/L	1.62818	1.79%
Pb 220.353	123.0	0.0538248	mg/L	0.00223766	0.0538248	mg/L	0.00223766	4.16%
Mg 279.077	291494.3	31.2444	mg/L	0.69261	31.2444	mg/L	0.69261	2.22%
Mn 257.610	251857.7	0.877471	mg/L	0.0177699	0.877471	mg/L	0.0177699	2.03%
Mo 202.031	-42.2	0.0065222	mg/L	0.00003415	0.0065222	mg/L	0.00003415	0.52%
Ni 231.604	3521.9	0.130048	mg/L	0.0007220	0.130048	mg/L	0.0007220	0.56%
Se 196.026	-79.4	0.0028981	mg/L	0.00250266	0.0028981	mg/L	0.00250266	86.36%
Ag 328.068	-169.5	-0.0013887	mg/L	0.00034127	-0.0013887	mg/L	0.00034127	24.57%
Na 330.237	-789.1	-0.101637	mg/L	0.0059755	-0.101637	mg/L	0.0059755	5.88%
Tl 190.801	-98.1	0.0121458	mg/L	0.00155328	0.0121458	mg/L	0.00155328	12.79%
Sn 189.927	141.6	0.0303305	mg/L	0.00120242	0.0303305	mg/L	0.00120242	3.96%
Ti 334.940	1499826.9	4.59280	mg/L	0.109195	4.59280	mg/L	0.109195	2.38%
V 292.402	20486.0	0.187525	mg/L	0.0048680	0.187525	mg/L	0.0048680	2.60%
Zn 206.200	13410.0	0.317419	mg/L	0.0002053	0.317419	mg/L	0.0002053	0.06%

Sequence No.: 35
Sample ID: ICSA V-59477
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 2/24/2009 9:19:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-59477

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	6749034.0	455.436	mg/L	0.2716	455.436	mg/L	0.2716	0.06%
QC value within limits for Al 308.215 Recovery = 91.09%								
Sb 206.836	31.1	-0.0098718	mg/L	0.00051126	-0.0098718	mg/L	0.00051126	5.18%
As 188.979	-6.4	0.0088020	mg/L	0.00312163	0.0088020	mg/L	0.00312163	35.47%
Ba 233.527	51.0	-0.0082302	mg/L	0.00017341	-0.0082302	mg/L	0.00017341	2.11%
Be 234.861	-3687.6	0.0078389	mg/L	0.00021779	0.0078389	mg/L	0.00021779	2.78%
Cd 226.502	1526.4	0.0033362	mg/L	0.00023689	0.0033362	mg/L	0.00023689	7.10%
Ca 315.887	24764644.4	465.926	mg/L	0.2801	465.926	mg/L	0.2801	0.06%
QC value within limits for Ca 315.887 Recovery = 93.19%								
Cr 206.158	75.0	0.0082065	mg/L	0.00011326	0.0082065	mg/L	0.00011326	1.38%
Co 228.616	90.8	0.0073605	mg/L	0.00071781	0.0073605	mg/L	0.00071781	9.75%
Cu 324.752	1091.0	0.0120470	mg/L	0.00036270	0.0120470	mg/L	0.00036270	3.01%
Fe 273.955	1846243.3	173.574	mg/L	1.5757	173.574	mg/L	1.5757	0.91%
QC value within limits for Fe 273.955 Recovery = 86.79%								
Pb 220.353	-140.0	-0.0006590	mg/L	0.00037820	-0.0006590	mg/L	0.00037820	57.39%
Mg 279.077	4564715.2	489.279	mg/L	5.6410	489.279	mg/L	5.6410	1.15%
QC value within limits for Mg 279.077 Recovery = 97.86%								
Mn 257.610	-476.1	-0.0016589	mg/L	0.00000189	-0.0016589	mg/L	0.00000189	0.11%
Mo 202.031	-166.3	0.0064608	mg/L	0.00071497	0.0064608	mg/L	0.00071497	11.07%
Ni 231.604	1122.9	-0.0193249	mg/L	0.00084095	-0.0193249	mg/L	0.00084095	4.35%
Se 196.026	-177.3	-0.0046756	mg/L	0.00298165	-0.0046756	mg/L	0.00298165	63.77%
Ag 328.068	-537.4	0.0015533	mg/L	0.00034593	0.0015533	mg/L	0.00034593	22.27%
Na 330.237	158.3	1.23412	mg/L	0.037742	1.23412	mg/L	0.037742	3.06%
Tl 190.801	-5.1	-0.0027084	mg/L	0.00281902	-0.0027084	mg/L	0.00281902	104.08%
Sn 189.927	41.8	0.0170259	mg/L	0.00030398	0.0170259	mg/L	0.00030398	1.79%
Ti 334.940	-601.1	-0.0018407	mg/L	0.00018999	-0.0018407	mg/L	0.00018999	10.32%
V 292.402	14817.9	0.0216021	mg/L	0.00112948	0.0216021	mg/L	0.00112948	5.23%
Zn 206.200	59.2	0.0060608	mg/L	0.00010320	0.0060608	mg/L	0.00010320	1.70%

All analyte(s) passed QC.

Sequence No.: 36
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/24/2009 9:23:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	6861239.8	463.007	mg/L	0.0384	463.007	mg/L	0.0384	0.01%
QC value within limits for Al 308.215 Recovery = 92.60%								
Sb 206.836	1769.4	0.913350	mg/L	0.0193445	0.913350	mg/L	0.0193445	2.12%
QC value within limits for Sb 206.836 Recovery = 91.33%								
As 188.979	1559.5	0.974877	mg/L	0.0192322	0.974877	mg/L	0.0192322	1.97%
QC value within limits for As 188.979 Recovery = 97.49%								
Ba 233.527	25372.2	0.477549	mg/L	0.0095542	0.477549	mg/L	0.0095542	2.00%
QC value within limits for Ba 233.527 Recovery = 95.51%								
Be 234.861	179887.2	0.510099	mg/L	0.0095820	0.510099	mg/L	0.0095820	1.88%
QC value within limits for Be 234.861 Recovery = 102.02%								
Cd 226.502	61715.4	0.923336	mg/L	0.0174261	0.923336	mg/L	0.0174261	1.89%
QC value within limits for Cd 226.502 Recovery = 92.33%								
Ca 315.887	25254846.5	475.145	mg/L	0.2578	475.145	mg/L	0.2578	0.05%
QC value within limits for Ca 315.887 Recovery = 95.03%								
Cr 206.158	9937.0	0.467770	mg/L	0.0088638	0.467770	mg/L	0.0088638	1.89%
QC value within limits for Cr 206.158 Recovery = 93.55%								
Co 228.616	11908.2	0.446680	mg/L	0.0070077	0.446680	mg/L	0.0070077	1.57%
QC value within limits for Co 228.616 Recovery = 89.34%								
Cu 324.752	41102.2	0.479817	mg/L	0.0097814	0.479817	mg/L	0.0097814	2.04%
QC value within limits for Cu 324.752 Recovery = 95.96%								
Fe 273.955	1876660.6	176.433	mg/L	2.8716	176.433	mg/L	2.8716	1.63%
QC value within limits for Fe 273.955 Recovery = 88.22%								
Pb 220.353	2336.0	0.903053	mg/L	0.0179965	0.903053	mg/L	0.0179965	1.99%
QC value within limits for Pb 220.353 Recovery = 90.31%								
Mg 279.077	4642870.3	497.656	mg/L	9.4041	497.656	mg/L	9.4041	1.89%
QC value within limits for Mg 279.077 Recovery = 99.53%								
Mn 257.610	136101.5	0.474177	mg/L	0.0083393	0.474177	mg/L	0.0083393	1.76%
QC value within limits for Mn 257.610 Recovery = 94.84%								
Mo 202.031	-165.5	0.0069300	mg/L	0.00210762	0.0069300	mg/L	0.00210762	30.41%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	19316.0	0.837947	mg/L	0.0190364	0.837947	mg/L	0.0190364	2.27%
QC value within limits for Ni 231.604 Recovery = 83.79%								
Se 196.026	2951.0	0.930096	mg/L	0.0134260	0.930096	mg/L	0.0134260	1.44%
QC value within limits for Se 196.026 Recovery = 93.01%								
Ag 328.068	105669.6	1.01624	mg/L	0.019416	1.01624	mg/L	0.019416	1.91%
QC value within limits for Ag 328.068 Recovery = 101.62%								
Na 330.237	734.1	2.04589	mg/L	0.001287	2.04589	mg/L	0.001287	0.06%
QC value greater than the upper limit for Na 330.237 Recovery = Not calculated								
Tl 190.801	1765.9	0.913529	mg/L	0.0201275	0.913529	mg/L	0.0201275	2.20%
QC value within limits for Tl 190.801 Recovery = 91.35%								
Sn 189.927	39.8	0.0168927	mg/L	0.00180940	0.0168927	mg/L	0.00180940	10.71%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	-781.4	-0.0023929	mg/L	0.00015882	-0.0023929	mg/L	0.00015882	6.64%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	62340.4	0.470330	mg/L	0.0077020	0.470330	mg/L	0.0077020	1.64%
QC value within limits for V 292.402 Recovery = 94.07%								
Zn 206.200	38228.3	0.896244	mg/L	0.0184349	0.896244	mg/L	0.0184349	2.06%
QC value within limits for Zn 206.200 Recovery = 89.62%								

QC Failed. Continue with analysis.

Sequence No.: 37
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 2/24/2009 9:27:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	79118.9	5.38507	mg/L	0.068395	5.38507	mg/L	0.068395	1.27%
QC value within limits for Al 308.215 Recovery = 107.70%								
Sb 206.836	972.8	0.526595	mg/L	0.0049744	0.526595	mg/L	0.0049744	0.94%
QC value within limits for Sb 206.836 Recovery = 105.32%								
As 188.979	850.2	0.525771	mg/L	0.0073231	0.525771	mg/L	0.0073231	1.39%
QC value within limits for As 188.979 Recovery = 105.15%								
Ba 233.527	28230.4	0.541652	mg/L	0.0079009	0.541652	mg/L	0.0079009	1.46%
QC value within limits for Ba 233.527 Recovery = 108.33%								
Be 234.861	188889.4	0.517035	mg/L	0.0068052	0.517035	mg/L	0.0068052	1.32%
QC value within limits for Be 234.861 Recovery = 103.41%								
Cd 226.502	34044.8	0.519967	mg/L	0.0058989	0.519967	mg/L	0.0058989	1.13%
QC value within limits for Cd 226.502 Recovery = 103.99%								
Ca 315.887	2820590.8	53.2341	mg/L	1.16756	53.2341	mg/L	1.16756	2.19%
QC value within limits for Ca 315.887 Recovery = 106.47%								
Cr 206.158	11254.9	0.524593	mg/L	0.0055505	0.524593	mg/L	0.0055505	1.06%
QC value within limits for Cr 206.158 Recovery = 104.92%								
Co 228.616	13833.3	0.517408	mg/L	0.0057562	0.517408	mg/L	0.0057562	1.11%
QC value within limits for Co 228.616 Recovery = 103.48%								
Cu 324.752	42822.2	0.507205	mg/L	0.0073837	0.507205	mg/L	0.0073837	1.46%
QC value within limits for Cu 324.752 Recovery = 101.44%								
Fe 273.955	55035.6	5.20476	mg/L	0.065283	5.20476	mg/L	0.065283	1.25%
QC value within limits for Fe 273.955 Recovery = 104.10%								
Pb 220.353	1445.8	0.528542	mg/L	0.0017554	0.528542	mg/L	0.0017554	0.33%
QC value within limits for Pb 220.353 Recovery = 105.71%								
Mg 279.077	500652.8	53.6635	mg/L	1.26088	53.6635	mg/L	1.26088	2.35%
QC value within limits for Mg 279.077 Recovery = 107.33%								
Mn 257.610	150062.9	0.522819	mg/L	0.0070146	0.522819	mg/L	0.0070146	1.34%
QC value within limits for Mn 257.610 Recovery = 104.56%								
Mo 202.031	4797.9	0.527149	mg/L	0.0060657	0.527149	mg/L	0.0060657	1.15%
QC value within limits for Mo 202.031 Recovery = 105.43%								
Ni 231.604	11044.8	0.519331	mg/L	0.0060296	0.519331	mg/L	0.0060296	1.16%
QC value within limits for Ni 231.604 Recovery = 103.87%								
Se 196.026	1748.2	0.527070	mg/L	0.0083987	0.527070	mg/L	0.0083987	1.59%
QC value within limits for Se 196.026 Recovery = 105.41%								
Ag 328.068	10619.5	0.102342	mg/L	0.0010322	0.102342	mg/L	0.0010322	1.01%
QC value within limits for Ag 328.068 Recovery = 102.34%								
Na 330.237	35279.5	50.7514	mg/L	0.45566	50.7514	mg/L	0.45566	0.90%
QC value within limits for Na 330.237 Recovery = 101.50%								
Tl 190.801	1069.4	0.560672	mg/L	0.0119523	0.560672	mg/L	0.0119523	2.13%
QC value greater than the upper limit for Tl 190.801 Recovery = 112.13%								
Sn 189.927	2771.9	0.533020	mg/L	0.0059812	0.533020	mg/L	0.0059812	1.12%
QC value within limits for Sn 189.927 Recovery = 106.60%								
Ti 334.940	167601.0	0.513231	mg/L	0.0073785	0.513231	mg/L	0.0073785	1.44%
QC value within limits for Ti 334.940 Recovery = 102.65%								
V 292.402	54240.0	0.508205	mg/L	0.0049223	0.508205	mg/L	0.0049223	0.97%
QC value within limits for V 292.402 Recovery = 101.64%								
Zn 206.200	22505.1	0.529117	mg/L	0.0068070	0.529117	mg/L	0.0068070	1.29%
QC value within limits for Zn 206.200 Recovery = 105.82%								

QC Failed. Continue with analysis.

Sequence No.: 38
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/24/2009 9:30:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	236.1	0.0624708	mg/L	0.00022767	0.0624708	mg/L	0.00022767	0.36%
QC value within limits for Al 308.215 Recovery = Not calculated								
Sb 206.836	-5.4	0.0003414	mg/L	0.00320945	0.0003414	mg/L	0.00320945	939.97%
QC value within limits for Sb 206.836 Recovery = Not calculated								
As 188.979	6.3	0.0052578	mg/L	0.00052320	0.0052578	mg/L	0.00052320	9.95%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527	16.8	0.0003214	mg/L	0.00010184	0.0003214	mg/L	0.00010184	31.68%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861	64.8	0.0001819	mg/L	0.00001576	0.0001819	mg/L	0.00001576	8.66%
QC value within limits for Be 234.861 Recovery = Not calculated								
Cd 226.502	6.6	0.0000963	mg/L	0.00004862	0.0000963	mg/L	0.00004862	50.50%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Ca 315.887	616.6	0.200220	mg/L	0.0020433	0.200220	mg/L	0.0020433	1.02%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cr 206.158	-3.7	0.0046429	mg/L	0.00014508	0.0046429	mg/L	0.00014508	3.12%
QC value within limits for Cr 206.158 Recovery = Not calculated								
Co 228.616	-2.0	0.0039194	mg/L	0.00016440	0.0039194	mg/L	0.00016440	4.19%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cu 324.752	266.8	0.0098682	mg/L	0.00033471	0.0098682	mg/L	0.00033471	3.39%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 273.955	158.1	0.0464142	mg/L	0.00034489	0.0464142	mg/L	0.00034489	0.74%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Pb 220.353	14.6	0.0043075	mg/L	0.00063833	0.0043075	mg/L	0.00063833	14.82%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Mg 279.077	111.6	0.0119650	mg/L	0.00060123	0.0119650	mg/L	0.00060123	5.02%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	5.3	0.0000185	mg/L	0.00000870	0.0000185	mg/L	0.00000870	47.12%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	6.0	0.0026899	mg/L	0.00055204	0.0026899	mg/L	0.00055204	20.52%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	7.4	0.0003305	mg/L	0.00014801	0.0003305	mg/L	0.00014801	44.78%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Se 196.026	17.1	0.0090565	mg/L	0.00158180	0.0090565	mg/L	0.00158180	17.47%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068	-8.2	-0.0000751	mg/L	0.00031936	-0.0000751	mg/L	0.00031936	425.12%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Na 330.237	11.8	1.02762	mg/L	0.006260	1.02762	mg/L	0.006260	0.61%
QC value within limits for Na 330.237 Recovery = Not calculated								
Tl 190.801	3.4	0.0017529	mg/L	0.00154732	0.0017529	mg/L	0.00154732	88.27%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Sn 189.927	18.3	0.0039580	mg/L	0.00001218	0.0039580	mg/L	0.00001218	0.31%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	166.2	0.0005089	mg/L	0.00024212	0.0005089	mg/L	0.00024212	47.58%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	18.5	0.0036026	mg/L	0.00010923	0.0036026	mg/L	0.00010923	3.03%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200	147.8	0.0081109	mg/L	0.00012316	0.0081109	mg/L	0.00012316	1.52%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Data File: S9990B Batch 9990 (8:1265)

2/26/09

Method Loaded
Method Name: PE 1 AXIAL
IEC File: IEC012309.iec
Method Description: 200.7/SW846

Method Last Saved: 2/25/2009 3:03:44 PM
MSF File:

Sequence No.: 1
Sample ID: Calib Blank 1 V-61025
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/25/2009 9:06:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

2nd rev 2/26/09

Mean Data: Calib Blank 1 V-61025

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	4039.4	102.71	2.54%	[0.00]	mg/L
Sb 206.836	24.0	1.25	5.21%	[0.00]	mg/L
As 188.979	-18.9	1.26	6.68%	[0.00]	mg/L
Ba 233.527	-68.7	2.29	3.33%	[0.00]	mg/L
Be 234.861	-247.3	1.23	0.50%	[0.00]	mg/L
Cd 226.502	-21.6	2.87	13.24%	[0.00]	mg/L
Ca 315.887	2812.2	89.85	3.19%	[0.00]	mg/L
Cr 206.158	73.8	0.45	0.60%	[0.00]	mg/L
Co 228.616	-55.5	8.82	15.90%	[0.00]	mg/L
Cu 324.752	1459.7	13.60	0.93%	[0.00]	mg/L
Fe 273.955	900.2	2.44	0.27%	[0.00]	mg/L
Pb 220.353	-26.4	1.78	6.74%	[0.00]	mg/L
Mg 279.077	16.8	9.89	58.88%	[0.00]	mg/L
Mn 257.610	355.3	7.24	2.04%	[0.00]	mg/L
Mo 202.031	-44.7	0.76	1.71%	[0.00]	mg/L
Ni 231.604	-89.2	5.39	6.04%	[0.00]	mg/L
Se 196.026	47.8	2.12	4.44%	[0.00]	mg/L
Ag 328.068	-128.6	15.04	11.70%	[0.00]	mg/L
Na 330.237	609.0	4.06	0.67%	[0.00]	mg/L
Tl 190.801	-56.7	3.47	6.11%	[0.00]	mg/L
Sn 189.927	14.5	4.51	31.16%	[0.00]	mg/L
Ti 334.940	639.2	75.28	11.78%	[0.00]	mg/L
V 292.402	-48.2	17.48	36.25%	[0.00]	mg/L
Zn 206.200	288.8	10.17	3.52%	[0.00]	mg/L

9990

Be + Tl reported

Sequence No.: 2
Sample ID: Calib Std 1 V-59532
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 158
Date Collected: 2/25/2009 9:19:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 1 V-59532

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
As 188.979	8.5	11.28	131.96%	[0.005]	mg/L
Be 234.861	1261.1	16.13	1.28%	[0.003]	mg/L
Cd 226.502	242.1	0.23	0.09%	[0.003]	mg/L
Pb 220.353	18.7	2.99	16.02%	[0.004]	mg/L
Tl 190.801	7.2	3.06	42.59%	[0.005]	mg/L

Sequence No.: 3
Sample ID: Calib Std 2 V-60050
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 160
Date Collected: 2/25/2009 9:22:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 2 V-60050

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	1466.9	30.83	2.10%	[0.1]	mg/L
Sb 206.836	23.1	2.73	11.82%	[0.01]	mg/L
As 188.979	20.6	6.43	31.22%	[0.01]	mg/L
Ba 233.527	619.6	5.04	0.81%	[0.01]	mg/L
Be 234.861	3975.0	22.36	0.56%	[0.01]	mg/L
Cd 226.502	763.1	10.27	1.35%	[0.01]	mg/L
Ca 315.887	67746.7	180.49	0.27%	[1]	mg/L
Cr 206.158	262.0	2.77	1.06%	[0.01]	mg/L
Co 228.616	323.6	5.19	1.60%	[0.01]	mg/L
Cu 324.752	843.9	10.22	1.21%	[0.01]	mg/L
Fe 273.955	1153.4	24.80	2.15%	[0.1]	mg/L
Pb 220.353	35.6	4.85	13.65%	[0.01]	mg/L
Mg 279.077	11864.2	23.71	0.20%	[1]	mg/L
Mn 257.610	3350.5	8.51	0.25%	[0.01]	mg/L
Mo 202.031	104.4	0.59	0.56%	[0.01]	mg/L
Ni 231.604	265.9	7.76	2.92%	[0.01]	mg/L
Se 196.026	40.5	1.24	3.06%	[0.01]	mg/L
Ag 328.068	326.3	24.73	7.58%	[0.002]	mg/L
Na 330.237	696.0	17.88	2.57%	[1]	mg/L
Tl 190.801	24.2	0.95	3.93%	[0.01]	mg/L
Sn 189.927	68.7	4.62	6.73%	[0.01]	mg/L
Ti 334.940	3642.4	6.68	0.18%	[0.01]	mg/L
V 292.402	1210.2	5.17	0.43%	[0.01]	mg/L
Zn 206.200	486.4	8.10	1.67%	[0.01]	mg/L

Sequence No.: 4
Sample ID: Calib Std 3 V-60254
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 2/25/2009 9:25:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 3 V-60254

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	85757.7	1327.66	1.55%	[5]	mg/L
Sb 206.836	1041.6	4.43	0.43%	[0.5]	mg/L
As 188.979	924.2	6.16	0.67%	[0.5]	mg/L
Ba 233.527	29964.2	645.44	2.15%	[0.5]	mg/L
Be 234.861	204806.2	3631.04	1.77%	[0.5]	mg/L
Cd 226.502	38268.3	858.32	2.24%	[0.5]	mg/L
Ca 315.887	3054420.6	8568.75	0.28%	[50]	mg/L
Cr 206.158	12786.6	179.74	1.41%	[0.5]	mg/L
Co 228.616	14903.4	75.66	0.51%	[0.5]	mg/L
Cu 324.752	46253.7	914.57	1.98%	[0.5]	mg/L
Fe 273.955	59380.9	1073.56	1.81%	[5]	mg/L
Pb 220.353	1584.0	13.36	0.84%	[0.5]	mg/L
Mg 279.077	548654.5	2660.16	0.48%	[50]	mg/L
Mn 257.610	161861.5	3016.29	1.86%	[0.5]	mg/L
Mo 202.031	5195.5	34.49	0.66%	[0.5]	mg/L
Ni 231.604	12132.4	17.17	0.14%	[0.5]	mg/L
Se 196.026	1916.7	14.65	0.76%	[0.5]	mg/L
Ag 328.068	11863.1	153.22	1.29%	[0.1]	mg/L
Na 330.237	39487.9	624.62	1.58%	[50]	mg/L
Tl 190.801	1132.4	10.26	0.91%	[0.5]	mg/L
Sn 189.927	3080.4	15.72	0.51%	[0.5]	mg/L
Ti 334.940	180368.0	3134.99	1.74%	[0.5]	mg/L
V 292.402	61178.1	976.99	1.60%	[0.5]	mg/L
Zn 206.200	24998.7	367.33	1.47%	[0.5]	mg/L

Sequence No.: 5
Sample ID: Calib Std 4 V-60051
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 2/25/2009 9:28:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 4 V-60051

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	167795.5	2462.33	1.47%	[10]	mg/L
Sb 206.836	2078.0	0.73	0.04%	[1.0]	mg/L
As 188.979	1825.4	14.56	0.80%	[1.0]	mg/L
Ba 233.527	58199.5	731.73	1.26%	[1.0]	mg/L
Be 234.861	412817.1	5000.38	1.21%	[1.0]	mg/L
Cd 226.502	75399.0	1101.50	1.46%	[1.0]	mg/L
Ca 315.887	5922967.7	32262.19	0.54%	[100]	mg/L
Cr 206.158	24588.8	134.00	0.54%	[1.0]	mg/L
Co 228.616	29055.7	41.03	0.14%	[1.0]	mg/L
Cu 324.752	94125.6	1262.96	1.34%	[1.0]	mg/L
Fe 273.955	116805.9	869.74	0.74%	[10]	mg/L
Pb 220.353	3089.0	12.47	0.40%	[1.0]	mg/L
Mg 279.077	1079928.0	12435.32	1.15%	[100]	mg/L
Mn 257.610	319401.7	3281.77	1.03%	[1.0]	mg/L
Mo 202.031	10167.9	59.25	0.58%	[1.0]	mg/L
Ni 231.604	23819.1	154.60	0.65%	[1.0]	mg/L
Se 196.026	3874.2	21.34	0.55%	[1.0]	mg/L
Ag 328.068	23728.1	338.05	1.42%	[0.2]	mg/L
Na 330.237	83082.6	740.25	0.89%	[100]	mg/L
Tl 190.801	2154.7	46.34	2.15%	[1.0]	mg/L
Sn 189.927	5953.3	83.65	1.41%	[1.0]	mg/L
Ti 334.940	360097.0	3750.98	1.04%	[1.0]	mg/L
V 292.402	121378.1	1565.20	1.29%	[1.0]	mg/L
Zn 206.200	47914.2	217.93	0.45%	[1.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Al 308.215	3	Lin, Calc Int	242.7	16820	0.00000	0.999930	
Sb 206.836	3	Lin, Calc Int	1.5	2077	0.00000	0.999999	
As 188.979	4	Lin, Calc Int	2.0	1828	0.00000	0.999981	
Ba 233.527	3	Lin Thru 0	0.0	58550	0.00000	0.999930	
Be 234.861	4	Lin Thru 0	0.0	412200	0.00000	0.999995	
Cd 226.502	4	Lin Thru 0	0.0	75630	0.00000	0.999982	
Ca 315.887	3	Lin, Calc Int	20781.3	59350	0.00000	0.999874	
Cr 206.158	3	Lin, Calc Int	96.9	24670	0.00000	0.999790	
Co 228.616	3	Lin, Calc Int	83.4	29110	0.00000	0.999914	
Cu 324.752	3	Lin, Calc Int	-191.5	94030	0.00000	0.999962	
Fe 273.955	3	Lin, Calc Int	171.3	11700	0.00000	0.999962	
Pb 220.353	4	Lin, Calc Int	8.4	3095	0.00000	0.999928	
Mg 279.077	3	Lin Thru 0	0.0	10830	0.00000	0.999979	
Mn 257.610	3	Lin Thru 0	0.0	320300	0.00000	0.999985	
Mo 202.031	3	Lin, Calc Int	21.5	10190	0.00000	0.999937	
Ni 231.604	3	Lin Thru 0	0.0	23910	0.00000	0.999972	
Se 196.026	3	Lin, Calc Int	-2.9	3870	0.00000	0.999984	
Ag 328.068	3	Lin Thru 0	0.0	118600	0.00000	0.999994	
Na 330.237	3	Lin, Calc Int	-434.9	827.9	0.00000	0.999681	
Tl 190.801	4	Lin, Calc Int	6.5	2169	0.00000	0.999690	
Sn 189.927	3	Lin, Calc Int	23.1	5967	0.00000	0.999844	
Ti 334.940	3	Lin Thru 0	0.0	360200	0.00000	1.000000	
V 292.402	3	Lin, Calc Int	87.4	121500	0.00000	0.999991	
Zn 206.200	3	Lin, Calc Int	192.9	48100	0.00000	0.999750	

Sequence No.: 6
Sample ID: ICS2 V-60254
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 2/25/2009 9:31:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS2 V-60254

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	86077.9	5.10181	mg/L	0.045746	5.10181	mg/L	0.045746	0.90%
QC value within limits for Al 308.215 Recovery = 102.04%								
Sb 206.836	1046.3	0.508735	mg/L	0.0008102	0.508735	mg/L	0.0008102	0.16%
QC value within limits for Sb 206.836 Recovery = 101.75%								
As 188.979	927.6	0.506913	mg/L	0.0043331	0.506913	mg/L	0.0043331	0.85%
QC value within limits for As 188.979 Recovery = 101.38%								
Ba 233.527	30075.9	0.513616	mg/L	0.0061648	0.513616	mg/L	0.0061648	1.20%
QC value within limits for Ba 233.527 Recovery = 102.72%								
Be 234.861	206317.9	0.500878	mg/L	0.0051620	0.500878	mg/L	0.0051620	1.03%
QC value within limits for Be 234.861 Recovery = 100.18%								
Cd 226.502	38499.6	0.508487	mg/L	0.0052194	0.508487	mg/L	0.0052194	1.03%
QC value within limits for Cd 226.502 Recovery = 101.70%								
Ca 315.887	3027486.0	50.6597	mg/L	1.41731	50.6597	mg/L	1.41731	2.80%
QC value within limits for Ca 315.887 Recovery = 101.32%								
Cr 206.158	12818.4	0.521156	mg/L	0.0062146	0.521156	mg/L	0.0062146	1.19%
QC value within limits for Cr 206.158 Recovery = 104.23%								
Co 228.616	14971.9	0.510695	mg/L	0.0010463	0.510695	mg/L	0.0010463	0.20%
QC value within limits for Co 228.616 Recovery = 102.14%								
Cu 324.752	47024.5	0.501819	mg/L	0.0062873	0.501819	mg/L	0.0062873	1.25%
QC value within limits for Cu 324.752 Recovery = 100.36%								
Fe 273.955	59825.4	5.09907	mg/L	0.048614	5.09907	mg/L	0.048614	0.95%
QC value within limits for Fe 273.955 Recovery = 101.98%								
Pb 220.353	1593.4	0.514485	mg/L	0.0005157	0.514485	mg/L	0.0005157	0.10%
QC value within limits for Pb 220.353 Recovery = 102.90%								
Mg 279.077	543176.1	50.1357	mg/L	1.49850	50.1357	mg/L	1.49850	2.99%
QC value within limits for Mg 279.077 Recovery = 100.27%								
Mn 257.610	162857.8	0.508506	mg/L	0.0048917	0.508506	mg/L	0.0048917	0.96%
QC value within limits for Mn 257.610 Recovery = 101.70%								
Mo 202.031	5227.9	0.511617	mg/L	0.0037391	0.511617	mg/L	0.0037391	0.73%
QC value within limits for Mo 202.031 Recovery = 102.32%								
Ni 231.604	12218.7	0.509269	mg/L	0.0016254	0.509269	mg/L	0.0016254	0.32%
QC value within limits for Ni 231.604 Recovery = 101.85%								
Se 196.026	1919.7	0.497813	mg/L	0.0039915	0.497813	mg/L	0.0039915	0.80%
QC value within limits for Se 196.026 Recovery = 99.56%								
Ag 328.068	11869.0	0.100897	mg/L	0.0012046	0.100897	mg/L	0.0012046	1.19%
QC value within limits for Ag 328.068 Recovery = 100.90%								
Na 330.237	39699.4	48.4798	mg/L	0.42918	48.4798	mg/L	0.42918	0.89%
QC value within limits for Na 330.237 Recovery = 96.96%								
Tl 190.801	1138.1	0.527027	mg/L	0.0039275	0.527027	mg/L	0.0039275	0.75%
QC value within limits for Tl 190.801 Recovery = 105.41%								
Sn 189.927	3133.8	0.522828	mg/L	0.0019329	0.522828	mg/L	0.0019329	0.37%
QC value within limits for Sn 189.927 Recovery = 104.57%								
Ti 334.940	181658.2	0.504291	mg/L	0.0037436	0.504291	mg/L	0.0037436	0.74%
QC value within limits for Ti 334.940 Recovery = 100.86%								
V 292.402	61515.9	0.496737	mg/L	0.0044474	0.496737	mg/L	0.0044474	0.90%
QC value within limits for V 292.402 Recovery = 99.35%								
Zn 206.200	25209.9	0.519724	mg/L	0.0067756	0.519724	mg/L	0.0067756	1.30%
QC value within limits for Zn 206.200 Recovery = 103.94%								

All analyte(s) passed QC.

Sequence No.: 7
Sample ID: ICV V-60572 (2)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 159
Date Collected: 2/25/2009 9:34:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV V-60572 (2)

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	162386.1	9.63736	mg/L	0.117715	9.63736	mg/L	0.117715	1.22%
QC value within limits for Al 308.215 Recovery = 96.37%								
Sb 206.836	2071.7	1.00770	mg/L	0.005084	1.00770	mg/L	0.005084	0.50%
QC value within limits for Sb 206.836 Recovery = 100.77%								
As 188.979	1797.2	0.983080	mg/L	0.0089934	0.983080	mg/L	0.0089934	0.91%
QC value within limits for As 188.979 Recovery = 98.31%								
Ba 233.527	57638.2	0.984308	mg/L	0.0125086	0.984308	mg/L	0.0125086	1.27%
QC value within limits for Ba 233.527 Recovery = 98.43%								
Be 234.861	396799.3	0.963295	mg/L	0.0104111	0.963295	mg/L	0.0104111	1.08%
QC value within limits for Be 234.861 Recovery = 96.33%								
Cd 226.502	72325.0	0.955240	mg/L	0.0071585	0.955240	mg/L	0.0071585	0.75%
QC value within limits for Cd 226.502 Recovery = 95.52%								
Ca 315.887	5577434.3	93.6235	mg/L	1.95659	93.6235	mg/L	1.95659	2.09%
QC value within limits for Ca 315.887 Recovery = 93.62%								
Cr 206.158	23954.5	0.977424	mg/L	0.0155773	0.977424	mg/L	0.0155773	1.59%
QC value within limits for Cr 206.158 Recovery = 97.74%								
Co 228.616	28442.0	0.972765	mg/L	0.0027236	0.972765	mg/L	0.0027236	0.28%
QC value within limits for Co 228.616 Recovery = 97.28%								
Cu 324.752	88618.1	0.943911	mg/L	0.0076061	0.943911	mg/L	0.0076061	0.81%
QC value within limits for Cu 324.752 Recovery = 94.39%								
Fe 273.955	112166.6	9.57307	mg/L	0.075462	9.57307	mg/L	0.075462	0.79%
QC value within limits for Fe 273.955 Recovery = 95.73%								
Pb 220.353	3037.8	0.983231	mg/L	0.0038827	0.983231	mg/L	0.0038827	0.39%
QC value within limits for Pb 220.353 Recovery = 98.32%								
Mg 279.077	1037015.6	95.7175	mg/L	0.93665	95.7175	mg/L	0.93665	0.98%
QC value within limits for Mg 279.077 Recovery = 95.72%								
Mn 257.610	308366.7	0.962842	mg/L	0.0091721	0.962842	mg/L	0.0091721	0.95%
QC value within limits for Mn 257.610 Recovery = 96.28%								
Mo 202.031	10001.8	0.980711	mg/L	0.0004906	0.980711	mg/L	0.0004906	0.05%
QC value within limits for Mo 202.031 Recovery = 98.07%								
Ni 231.604	23225.1	0.968059	mg/L	0.0014560	0.968059	mg/L	0.0014560	0.15%
QC value within limits for Ni 231.604 Recovery = 96.81%								
Se 196.026	3679.5	0.953411	mg/L	0.0004338	0.953411	mg/L	0.0004338	0.05%
QC value within limits for Se 196.026 Recovery = 95.34%								
Ag 328.068	22543.0	0.191601	mg/L	0.0016634	0.191601	mg/L	0.0016634	0.87%
QC value within limits for Ag 328.068 Recovery = 95.80%								
Na 330.237	79458.9	96.5069	mg/L	0.97432	96.5069	mg/L	0.97432	1.01%
QC value within limits for Na 330.237 Recovery = 96.51%								
Tl 190.801	2184.4	1.01413	mg/L	0.016461	1.01413	mg/L	0.016461	1.62%
QC value within limits for Tl 190.801 Recovery = 101.41%								
Sn 189.927	5976.0	1.00024	mg/L	0.002774	1.00024	mg/L	0.002774	0.28%
QC value within limits for Sn 189.927 Recovery = 100.02%								
Ti 334.940	342846.4	0.951756	mg/L	0.0083067	0.951756	mg/L	0.0083067	0.87%
QC value within limits for Ti 334.940 Recovery = 95.18%								
V 292.402	114882.6	0.927954	mg/L	0.0096199	0.927954	mg/L	0.0096199	1.04%
QC value within limits for V 292.402 Recovery = 92.80%								
Zn 206.200	47367.9	0.980040	mg/L	0.0114787	0.980040	mg/L	0.0114787	1.17%
QC value within limits for Zn 206.200 Recovery = 98.00%								

All analyte(s) passed QC.

Sequence No.: 8
Sample ID: ICB V-61025
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/25/2009 9:36:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB V-61025

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	4.4	-0.0141647	mg/L	0.00181032	-0.0141647	mg/L	0.00181032	12.78%
QC value within limits for Al 308.215 Recovery = Not calculated								
Sb 206.836	-3.2	-0.0023044	mg/L	0.00228734	-0.0023044	mg/L	0.00228734	99.26%
QC value within limits for Sb 206.836 Recovery = Not calculated								
As 188.979	4.0	0.0010940	mg/L	0.00214430	0.0010940	mg/L	0.00214430	196.01%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527	17.5	0.0002996	mg/L	0.00007726	0.0002996	mg/L	0.00007726	25.78%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861	185.3	0.0004487	mg/L	0.00004984	0.0004487	mg/L	0.00004984	11.11%
QC value within limits for Be 234.861 Recovery = Not calculated								
Cd 226.502	23.3	0.0003094	mg/L	0.00007037	0.0003094	mg/L	0.00007037	22.74%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Ca 315.887	1403.8	-0.326489	mg/L	0.0075029	-0.326489	mg/L	0.0075029	2.30%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cr 206.158	5.8	-0.0037004	mg/L	0.00003306	-0.0037004	mg/L	0.00003306	0.89%
QC value within limits for Cr 206.158 Recovery = Not calculated								
Co 228.616	7.7	-0.0026016	mg/L	0.00017672	-0.0026016	mg/L	0.00017672	6.79%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cu 324.752	667.6	0.0091414	mg/L	0.00109201	0.0091414	mg/L	0.00109201	11.95%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 273.955	-18.9	-0.0162623	mg/L	0.00348031	-0.0162623	mg/L	0.00348031	21.40%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Pb 220.353	4.1	-0.0013853	mg/L	0.00093976	-0.0013853	mg/L	0.00093976	67.84%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Mg 279.077	217.9	0.0201115	mg/L	0.01087492	0.0201115	mg/L	0.01087492	54.07%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	74.5	0.0002326	mg/L	0.00003466	0.0002326	mg/L	0.00003466	14.90%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	12.7	-0.0008635	mg/L	0.00015849	-0.0008635	mg/L	0.00015849	18.35%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	11.7	0.0004949	mg/L	0.00015853	0.0004949	mg/L	0.00015853	32.03%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Se 196.026	9.1	0.0030994	mg/L	0.00311153	0.0030994	mg/L	0.00311153	100.39%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068	69.1	0.0005774	mg/L	0.00012937	0.0005774	mg/L	0.00012937	22.40%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Na 330.237	53.3	0.589755	mg/L	0.0236934	0.589755	mg/L	0.0236934	4.02%
QC value within limits for Na 330.237 Recovery = Not calculated								
Tl 190.801	3.2	-0.0015575	mg/L	0.00146029	-0.0015575	mg/L	0.00146029	93.76%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Sn 189.927	43.0	0.0033096	mg/L	0.00056826	0.0033096	mg/L	0.00056826	17.17%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	105.5	0.0002928	mg/L	0.00023559	0.0002928	mg/L	0.00023559	80.45%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	10.3	-0.0006462	mg/L	0.00022898	-0.0006462	mg/L	0.00022898	35.43%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200	158.0	-0.0007247	mg/L	0.00036499	-0.0007247	mg/L	0.00036499	50.36%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 9
Sample ID: ICSA V-59477
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 2/25/2009 9:39:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-59477

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	7326911.9	435.477	mg/L	5.9231	435.477	mg/L	5.9231	1.36%
QC value within limits for Al 308.215 Recovery = 87.10%								
Sb 206.836	33.8	-0.0128124	mg/L	0.00316876	-0.0128124	mg/L	0.00316876	24.73%
As 188.979	-7.9	0.0058946	mg/L	0.00459451	0.0058946	mg/L	0.00459451	77.94%
Ba 233.527	49.6	-0.0079579	mg/L	0.00002141	-0.0079579	mg/L	0.00002141	0.27%
Be 234.861	-3728.2	0.0017129	mg/L	0.00011932	0.0017129	mg/L	0.00011932	6.97%
Cd 226.502	1660.2	0.0021285	mg/L	0.00004607	0.0021285	mg/L	0.00004607	2.16%
Ca 315.887	26841737.2	451.904	mg/L	5.5898	451.904	mg/L	5.5898	1.24%
QC value within limits for Ca 315.887 Recovery = 90.38%								
Cr 206.158	81.7	-0.0006511	mg/L	0.00027240	-0.0006511	mg/L	0.00027240	41.84%
Co 228.616	96.3	0.0004315	mg/L	0.00012203	0.0004315	mg/L	0.00012203	28.28%
Cu 324.752	1422.0	0.0099210	mg/L	0.00070646	0.0099210	mg/L	0.00070646	7.12%
Fe 273.955	2012558.9	172.014	mg/L	0.5255	172.014	mg/L	0.5255	0.31%
QC value within limits for Fe 273.955 Recovery = 86.01%								
Pb 220.353	-167.7	-0.0077911	mg/L	0.00109979	-0.0077911	mg/L	0.00109979	14.12%
Mg 279.077	5116615.4	472.268	mg/L	6.5210	472.268	mg/L	6.5210	1.38%
QC value within limits for Mg 279.077 Recovery = 94.45%								
Mn 257.610	-640.1	-0.0019987	mg/L	0.00000914	-0.0019987	mg/L	0.00000914	0.46%
Mo 202.031	-172.6	0.0030646	mg/L	0.00020030	0.0030646	mg/L	0.00020030	6.54%
Ni 231.604	1168.3	-0.0226005	mg/L	0.00008468	-0.0226005	mg/L	0.00008468	0.37%
Se 196.026	-199.8	-0.0069310	mg/L	0.00276700	-0.0069310	mg/L	0.00276700	39.92%
Ag 328.068	-528.1	0.0020332	mg/L	0.00004406	0.0020332	mg/L	0.00004406	2.17%
Na 330.237	142.5	0.697497	mg/L	0.0968465	0.697497	mg/L	0.0968465	13.88%
Tl 190.801	-9.5	-0.0074518	mg/L	0.00306929	-0.0074518	mg/L	0.00306929	41.19%
Sn 189.927	45.0	0.0121465	mg/L	0.00031562	0.0121465	mg/L	0.00031562	2.60%
Ti 334.940	-701.1	-0.0019463	mg/L	0.00006260	-0.0019463	mg/L	0.00006260	3.22%
V 292.402	16380.3	0.0159844	mg/L	0.00191724	0.0159844	mg/L	0.00191724	11.99%
Zn 206.200	62.5	-0.0026953	mg/L	0.00024438	-0.0026953	mg/L	0.00024438	9.07%

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/25/2009 9:43:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	7395471.5	439.552	mg/L	1.4865	439.552	mg/L	1.4865	0.34%
QC value within limits for Al 308.215 Recovery = 87.91%								
Sb 206.836	1941.8	0.905400	mg/L	0.0011112	0.905400	mg/L	0.0011112	0.12%
QC value within limits for Sb 206.836 Recovery = 90.54%								
As 188.979	1681.0	0.929934	mg/L	0.0049559	0.929934	mg/L	0.0049559	0.53%
QC value within limits for As 188.979 Recovery = 92.99%								
Ba 233.527	27649.8	0.463391	mg/L	0.0030797	0.463391	mg/L	0.0030797	0.66%
QC value within limits for Ba 233.527 Recovery = 92.68%								
Be 234.861	193670.4	0.480601	mg/L	0.0035460	0.480601	mg/L	0.0035460	0.74%
QC value within limits for Be 234.861 Recovery = 96.12%								
Cd 226.502	68179.5	0.881761	mg/L	0.0062972	0.881761	mg/L	0.0062972	0.71%
QC value within limits for Cd 226.502 Recovery = 88.18%								
Ca 315.887	27288204.5	459.426	mg/L	0.1274	459.426	mg/L	0.1274	0.03%
QC value within limits for Ca 315.887 Recovery = 91.89%								
Cr 206.158	11143.2	0.456651	mg/L	0.0018101	0.456651	mg/L	0.0018101	0.40%
QC value within limits for Cr 206.158 Recovery = 91.33%								
Co 228.616	12945.8	0.441910	mg/L	0.0037632	0.441910	mg/L	0.0037632	0.85%
QC value within limits for Co 228.616 Recovery = 88.38%								
Cu 324.752	44007.2	0.462678	mg/L	0.0031751	0.462678	mg/L	0.0031751	0.69%
QC value within limits for Cu 324.752 Recovery = 92.54%								
Fe 273.955	2006766.4	171.519	mg/L	0.8924	171.519	mg/L	0.8924	0.52%
QC value within limits for Fe 273.955 Recovery = 85.76%								
Pb 220.353	2554.9	0.872542	mg/L	0.0039629	0.872542	mg/L	0.0039629	0.45%
QC value within limits for Pb 220.353 Recovery = 87.25%								
Mg 279.077	5171678.0	477.351	mg/L	0.0576	477.351	mg/L	0.0576	0.01%
QC value within limits for Mg 279.077 Recovery = 95.47%								
Mn 257.610	146285.2	0.456760	mg/L	0.0028970	0.456760	mg/L	0.0028970	0.63%
QC value within limits for Mn 257.610 Recovery = 91.35%								
Mo 202.031	-210.2	-0.0005930	mg/L	0.00081225	-0.0005930	mg/L	0.00081225	136.96%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	21648.1	0.834131	mg/L	0.0110621	0.834131	mg/L	0.0110621	1.33%
QC value within limits for Ni 231.604 Recovery = 83.41%								
Se 196.026	3222.6	0.877057	mg/L	0.0010522	0.877057	mg/L	0.0010522	0.12%
QC value within limits for Se 196.026 Recovery = 87.71%								
Ag 328.068	114444.7	0.971212	mg/L	0.0094641	0.971212	mg/L	0.0094641	0.97%
QC value within limits for Ag 328.068 Recovery = 97.12%								
Na 330.237	771.7	1.45748	mg/L	0.009733	1.45748	mg/L	0.009733	0.67%
QC value greater than the upper limit for Na 330.237 Recovery = Not calculated								
Tl 190.801	1931.6	0.887361	mg/L	0.0021817	0.887361	mg/L	0.0021817	0.25%
QC value within limits for Tl 190.801 Recovery = 88.74%								
Sn 189.927	33.9	0.0106079	mg/L	0.00061046	0.0106079	mg/L	0.00061046	5.75%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	-694.2	-0.0019272	mg/L	0.00010832	-0.0019272	mg/L	0.00010832	5.62%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	68793.3	0.446183	mg/L	0.0016673	0.446183	mg/L	0.0016673	0.37%
QC value within limits for V 292.402 Recovery = 89.24%								
Zn 206.200	42861.9	0.887148	mg/L	0.0094455	0.887148	mg/L	0.0094455	1.06%
QC value within limits for Zn 206.200 Recovery = 88.71%								

QC Failed. Continue with analysis.

Sequence No.: 11
Sample ID: MB 9990
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 32
Date Collected: 2/25/2009 9:47:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 9990

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	2659.2	0.143631	mg/L	0.0131385	0.143631	mg/L	0.0131385	9.15%
Sb 206.836	1.6	-0.0000194	mg/L	0.00116363	-0.0000194	mg/L	0.00116363	>999.9%
As 188.979	1.9	0.0000939	mg/L	0.00083094	0.0000939	mg/L	0.00083094	885.16%
Ba 233.527	-1.6	-0.0000303	mg/L	0.00010275	-0.0000303	mg/L	0.00010275	338.67%
Be 234.861	64.4	0.0002878	mg/L	0.00000293	0.0002878	mg/L	0.00000293	1.02%
Cd 226.502	40.9	0.0002979	mg/L	0.00032035	0.0002979	mg/L	0.00032035	107.53%
Ca 315.887	7558.7	-0.222787	mg/L	0.0118740	-0.222787	mg/L	0.0118740	5.33%
Cr 206.158	30.6	-0.0027068	mg/L	0.00020127	-0.0027068	mg/L	0.00020127	7.44%
Co 228.616	-1.8	-0.0029274	mg/L	0.00005673	-0.0029274	mg/L	0.00005673	1.94%
Cu 324.752	276.2	0.0049774	mg/L	0.00020910	0.0049774	mg/L	0.00020910	4.20%
Fe 273.955	24764.4	2.10215	mg/L	0.004109	2.10215	mg/L	0.004109	0.20%
Pb 220.353	6.1	-0.0007946	mg/L	0.00320378	-0.0007946	mg/L	0.00320378	403.19%
Mg 279.077	1051.5	0.0970534	mg/L	0.00104705	0.0970534	mg/L	0.00104705	1.08%
Mn 257.610	1648.5	0.0051473	mg/L	0.00002953	0.0051473	mg/L	0.00002953	0.57%
Mo 202.031	1.4	-0.0017948	mg/L	0.00003478	-0.0017948	mg/L	0.00003478	1.94%
Ni 231.604	24.8	0.0002269	mg/L	0.00063058	0.0002269	mg/L	0.00063058	277.94%
Se 196.026	-1.7	0.0008345	mg/L	0.00108820	0.0008345	mg/L	0.00108820	130.41%
Ag 328.068	99.1	0.0008317	mg/L	0.00027212	0.0008317	mg/L	0.00027212	32.72%
Na 330.237	62.0	0.600198	mg/L	0.0074047	0.600198	mg/L	0.0074047	1.23%
Tl 190.801	2.0	-0.0021082	mg/L	0.00041389	-0.0021082	mg/L	0.00041389	19.63%
Sn 189.927	61.6	0.0064302	mg/L	0.00002501	0.0064302	mg/L	0.00002501	0.39%
Ti 334.940	-29.6	-0.0000822	mg/L	0.00001410	-0.0000822	mg/L	0.00001410	17.16%
V 292.402	5.1	-0.0007163	mg/L	0.00008638	-0.0007163	mg/L	0.00008638	12.06%
Zn 206.200	99.7	-0.0019358	mg/L	0.00011529	-0.0019358	mg/L	0.00011529	5.96%

Sequence No.: 12
Sample ID: LCS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 33
Date Collected: 2/25/2009 9:50:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1314742.0	78.1303	mg/L	0.31009	78.1303	mg/L	0.31009	0.40%
Sb 206.836	1605.9	0.766626	mg/L	0.0201097	0.766626	mg/L	0.0201097	2.62%
As 188.979	1801.4	1.01002	mg/L	0.021467	1.01002	mg/L	0.021467	2.13%
Ba 233.527	108650.8	1.85425	mg/L	0.003281	1.85425	mg/L	0.003281	0.18%
Be 234.861	310181.6	0.762366	mg/L	0.0005084	0.762366	mg/L	0.0005084	0.07%
Cd 226.502	47415.6	0.608880	mg/L	0.0001990	0.608880	mg/L	0.0001990	0.03%
Ca 315.887	5918926.3	99.3773	mg/L	0.25128	99.3773	mg/L	0.25128	0.25%
Cr 206.158	57176.1	2.37400	mg/L	0.010973	2.37400	mg/L	0.010973	0.46%
Co 228.616	28329.5	0.961455	mg/L	0.0057275	0.961455	mg/L	0.0057275	0.60%
Cu 324.752	162606.7	1.73335	mg/L	0.000560	1.73335	mg/L	0.000560	0.03%
Fe 273.955	1836593.3	156.973	mg/L	0.1658	156.973	mg/L	0.1658	0.11%
Pb 220.353	2508.1	0.816256	mg/L	0.0002012	0.816256	mg/L	0.0002012	0.02%
Mg 279.077	394344.5	36.3984	mg/L	0.00655	36.3984	mg/L	0.00655	0.02%
Mn 257.610	1671222.3	5.21821	mg/L	0.002321	5.21821	mg/L	0.002321	0.04%
Mo 202.031	4824.3	0.485831	mg/L	0.0030037	0.485831	mg/L	0.0030037	0.62%
Ni 231.604	34816.5	1.39511	mg/L	0.014869	1.39511	mg/L	0.014869	1.07%
Se 196.026	10628.9	2.78403	mg/L	0.011516	2.78403	mg/L	0.011516	0.41%
Ag 328.068	34273.7	0.290429	mg/L	0.0008399	0.290429	mg/L	0.0008399	0.29%
Na 330.237	9750.3	12.3032	mg/L	0.11451	12.3032	mg/L	0.11451	0.93%
Tl 190.801	2675.3	1.26438	mg/L	0.008076	1.26438	mg/L	0.008076	0.64%
Sn 189.927	7084.6	1.19241	mg/L	0.006231	1.19241	mg/L	0.006231	0.52%
Ti 334.940	1308890.1	3.63353	mg/L	0.006378	3.63353	mg/L	0.006378	0.18%
V 292.402	123458.0	1.00818	mg/L	0.004046	1.00818	mg/L	0.004046	0.40%
Zn 206.200	288248.2	5.98857	mg/L	0.003605	5.98857	mg/L	0.003605	0.06%

Sequence No.: 13
Sample ID: LCS MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 2/25/2009 9:53:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1359374.8	80.7831	mg/L	1.95217	80.7831	mg/L	1.95217	2.42%
Sb 206.836	1615.9	0.770869	mg/L	0.0074544	0.770869	mg/L	0.0074544	0.97%
As 188.979	1826.8	1.02547	mg/L	0.034639	1.02547	mg/L	0.034639	3.38%
Ba 233.527	122000.8	2.08223	mg/L	0.048963	2.08223	mg/L	0.048963	2.35%
Be 234.861	306721.9	0.754813	mg/L	0.0179488	0.754813	mg/L	0.0179488	2.38%
Cd 226.502	47645.2	0.610366	mg/L	0.0157682	0.610366	mg/L	0.0157682	2.58%
Ca 315.887	6035303.5	101.338	mg/L	1.5918	101.338	mg/L	1.5918	1.57%
Cr 206.158	55526.6	2.31525	mg/L	0.060227	2.31525	mg/L	0.060227	2.60%
Co 228.616	28287.3	0.959638	mg/L	0.0137722	0.959638	mg/L	0.0137722	1.44%
Cu 324.752	162747.7	1.73496	mg/L	0.047996	1.73496	mg/L	0.047996	2.77%
Fe 273.955	1993928.8	170.421	mg/L	3.2834	170.421	mg/L	3.2834	1.93%
Pb 220.353	3103.6	1.00868	mg/L	0.018798	1.00868	mg/L	0.018798	1.86%
Mg 279.077	408000.2	37.6588	mg/L	0.93219	37.6588	mg/L	0.93219	2.48%
Mn 257.610	1773005.3	5.53602	mg/L	0.125989	5.53602	mg/L	0.125989	2.28%
Mo 202.031	4723.3	0.477070	mg/L	0.0092985	0.477070	mg/L	0.0092985	1.95%
Ni 231.604	34510.9	1.37712	mg/L	0.020953	1.37712	mg/L	0.020953	1.52%
Se 196.026	10511.0	2.75678	mg/L	0.018916	2.75678	mg/L	0.018916	0.69%
Ag 328.068	34349.0	0.291090	mg/L	0.0081717	0.291090	mg/L	0.0081717	2.81%
Na 330.237	10476.5	13.1803	mg/L	0.18890	13.1803	mg/L	0.18890	1.43%
Tl 190.801	2750.3	1.30016	mg/L	0.020820	1.30016	mg/L	0.020820	1.60%
Sn 189.927	6990.8	1.17688	mg/L	0.009987	1.17688	mg/L	0.009987	0.85%
Ti 334.940	1358653.9	3.77168	mg/L	0.083477	3.77168	mg/L	0.083477	2.21%
V 292.402	125358.3	1.02337	mg/L	0.026216	1.02337	mg/L	0.026216	2.56%
Zn 206.200	327286.3	6.80021	mg/L	0.189790	6.80021	mg/L	0.189790	2.79%

Sequence No.: 14
Sample ID: 42880-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 2/25/2009 9:57:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	567369.2	33.7085	mg/L	0.50711	33.7085	mg/L	0.50711	1.50%
Sb 206.836	59.4	0.0197464	mg/L	0.00309623	0.0197464	mg/L	0.00309623	15.68%
As 188.979	1063.2	0.613183	mg/L	0.0143610	0.613183	mg/L	0.0143610	2.34%
Ba 233.527	85523.8	1.46013	mg/L	0.024344	1.46013	mg/L	0.024344	1.67%
Be 234.861	-5213.6	0.0052060	mg/L	0.00001033	0.0052060	mg/L	0.00001033	0.20%
Cd 226.502	3022.2	0.0070609	mg/L	0.00052025	0.0070609	mg/L	0.00052025	7.37%
Ca 315.887	2160748.7	36.0561	mg/L	0.52377	36.0561	mg/L	0.52377	1.45%
Cr 206.158	3234.4	0.142327	mg/L	0.0035488	0.142327	mg/L	0.0035488	2.49%
Co 228.616	1679.5	0.0472245	mg/L	0.00042856	0.0472245	mg/L	0.00042856	0.91%
Cu 324.752	77045.4	0.823740	mg/L	0.0117497	0.823740	mg/L	0.0117497	1.43%
Fe 273.955	3340148.8	285.493	mg/L	2.3326	285.493	mg/L	2.3326	0.82%
Pb 220.353	9533.1	3.07556	mg/L	0.041839	3.07556	mg/L	0.041839	1.36%
Mg 279.077	131801.3	12.1654	mg/L	0.19178	12.1654	mg/L	0.19178	1.58%
Mn 257.610	385171.7	1.20266	mg/L	0.017498	1.20266	mg/L	0.017498	1.45%
Mo 202.031	-42.2	0.0178654	mg/L	0.00052855	0.0178654	mg/L	0.00052855	2.96%
Ni 231.604	4898.3	0.0946115	mg/L	0.00191406	0.0946115	mg/L	0.00191406	2.02%
Se 196.026	-247.6	0.0088725	mg/L	0.00368815	0.0088725	mg/L	0.00368815	41.57%
Ag 328.068	352.0	0.0034835	mg/L	0.00108837	0.0034835	mg/L	0.00108837	31.24%
Na 330.237	1417.0	2.23704	mg/L	0.006501	2.23704	mg/L	0.006501	0.29%
Tl 190.801	-57.0	-0.0009701	mg/L	0.00536447	-0.0009701	mg/L	0.00536447	553.01%
Sn 189.927	586.7	0.0989745	mg/L	0.00008615	0.0989745	mg/L	0.00008615	0.09%
Ti 334.940	1053452.0	2.92443	mg/L	0.034895	2.92443	mg/L	0.034895	1.19%
V 292.402	22916.3	0.183329	mg/L	0.0022230	0.183329	mg/L	0.0022230	1.21%
Zn 206.200	72970.9	1.51313	mg/L	0.027180	1.51313	mg/L	0.027180	1.80%

Sequence No.: 15
Sample ID: 42880-001 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 36
Date Collected: 2/25/2009 9:59:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	647917.4	38.4960	mg/L	0.43584	38.4960	mg/L	0.43584	1.13%
Sb 206.836	50.7	0.0144365	mg/L	0.00454352	0.0144365	mg/L	0.00454352	31.47%
As 188.979	1295.9	0.744419	mg/L	0.0091219	0.744419	mg/L	0.0091219	1.23%
Ba 233.527	92578.3	1.58053	mg/L	0.019720	1.58053	mg/L	0.019720	1.25%
Be 234.861	-5942.2	0.0051956	mg/L	0.00024321	0.0051956	mg/L	0.00024321	4.68%
Cd 226.502	3512.0	0.0102988	mg/L	0.00108451	0.0102988	mg/L	0.00108451	10.53%
Ca 315.887	2672123.7	44.6722	mg/L	0.53326	44.6722	mg/L	0.53326	1.19%
Cr 206.158	3172.4	0.144319	mg/L	0.0005264	0.144319	mg/L	0.0005264	0.36%
Co 228.616	1608.5	0.0436397	mg/L	0.00055770	0.0436397	mg/L	0.00055770	1.28%
Cu 324.752	108170.9	1.15505	mg/L	0.015386	1.15505	mg/L	0.015386	1.33%
Fe 273.955	3668860.4	313.590	mg/L	4.2136	313.590	mg/L	4.2136	1.34%
Pb 220.353	11095.4	3.58053	mg/L	0.003183	3.58053	mg/L	0.003183	0.09%
Mg 279.077	167525.4	15.4628	mg/L	0.18606	15.4628	mg/L	0.18606	1.20%
Mn 257.610	379153.3	1.18387	mg/L	0.015948	1.18387	mg/L	0.015948	1.35%
Mo 202.031	1.6	0.0245627	mg/L	0.00118109	0.0245627	mg/L	0.00118109	4.81%
Ni 231.604	4835.6	0.0811217	mg/L	0.00263140	0.0811217	mg/L	0.00263140	3.24%
Se 196.026	-269.0	0.0105419	mg/L	0.01148972	0.0105419	mg/L	0.01148972	108.99%
Ag 328.068	598.5	0.0056854	mg/L	0.00005959	0.0056854	mg/L	0.00005959	1.05%
Na 330.237	1707.5	2.58788	mg/L	0.036383	2.58788	mg/L	0.036383	1.41%
Tl 190.801	-75.7	-0.0052009	mg/L	0.00031541	-0.0052009	mg/L	0.00031541	6.06%
Sn 189.927	674.6	0.114558	mg/L	0.0012111	0.114558	mg/L	0.0012111	1.06%
Ti 334.940	1212763.5	3.36668	mg/L	0.038755	3.36668	mg/L	0.038755	1.15%
V 292.402	26614.4	0.212751	mg/L	0.0000391	0.212751	mg/L	0.0000391	0.02%
Zn 206.200	94625.7	1.96335	mg/L	0.028597	1.96335	mg/L	0.028597	1.46%

Sequence No.: 16
Sample ID: 42880-001 MS 1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 2/25/2009 10:02:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 MS 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	809219.2	48.0834	mg/L	0.28326	48.0834	mg/L	0.28326	0.59%
Sb 206.836	699.8	0.330770	mg/L	0.0026829	0.330770	mg/L	0.0026829	0.81%
As 188.979	2216.1	1.25103	mg/L	0.033534	1.25103	mg/L	0.033534	2.68%
Ba 233.527	108418.2	1.85089	mg/L	0.010008	1.85089	mg/L	0.010008	0.54%
Be 234.861	197835.7	0.499647	mg/L	0.0032930	0.499647	mg/L	0.0032930	0.66%
Cd 226.502	40658.8	0.501385	mg/L	0.0033979	0.501385	mg/L	0.0033979	0.68%
Ca 315.887	5385530.0	90.3901	mg/L	0.48687	90.3901	mg/L	0.48687	0.54%
Cr 206.158	15323.0	0.637658	mg/L	0.0050407	0.637658	mg/L	0.0050407	0.79%
Co 228.616	16541.7	0.554351	mg/L	0.0062127	0.554351	mg/L	0.0062127	1.12%
Cu 324.752	134033.2	1.43044	mg/L	0.009208	1.43044	mg/L	0.009208	0.64%
Fe 273.955	3679132.1	314.468	mg/L	1.9934	314.468	mg/L	1.9934	0.63%
Pb 220.353	11407.9	3.68465	mg/L	0.049740	3.68465	mg/L	0.049740	1.35%
Mg 279.077	720786.7	66.5293	mg/L	0.28924	66.5293	mg/L	0.28924	0.43%
Mn 257.610	534732.0	1.66964	mg/L	0.006711	1.66964	mg/L	0.006711	0.40%
Mo 202.031	4850.7	0.500839	mg/L	0.0044993	0.500839	mg/L	0.0044993	0.90%
Ni 231.604	16707.8	0.577454	mg/L	0.0056301	0.577454	mg/L	0.0056301	0.97%
Se 196.026	1555.9	0.482038	mg/L	0.0028495	0.482038	mg/L	0.0028495	0.59%
Ag 328.068	11700.9	0.100041	mg/L	0.0009142	0.100041	mg/L	0.0009142	0.91%
Na 330.237	41622.1	50.8024	mg/L	0.37620	50.8024	mg/L	0.37620	0.74%
Tl 190.801	981.0	0.492951	mg/L	0.0174629	0.492951	mg/L	0.0174629	3.54%
Sn 189.927	4155.4	0.699341	mg/L	0.0112728	0.699341	mg/L	0.0112728	1.61%
Ti 334.940	1600219.9	4.44228	mg/L	0.011777	4.44228	mg/L	0.011777	0.27%
V 292.402	86036.8	0.692179	mg/L	0.0023444	0.692179	mg/L	0.0023444	0.34%
Zn 206.200	97273.7	2.01803	mg/L	0.012126	2.01803	mg/L	0.012126	0.60%

Sequence No.: 17
Sample ID: 42880-001 MS 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 2/25/2009 10:04:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 MS 2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	741523.2	44.0597	mg/L	0.98448	44.0597	mg/L	0.98448	2.23%
Sb 206.836	669.5	0.317657	mg/L	0.0139589	0.317657	mg/L	0.0139589	4.39%
As 188.979	2205.7	1.24253	mg/L	0.029820	1.24253	mg/L	0.029820	2.40%
Ba 233.527	102155.8	1.74400	mg/L	0.036643	1.74400	mg/L	0.036643	2.10%
Be 234.861	196352.0	0.496268	mg/L	0.0100381	0.496268	mg/L	0.0100381	2.02%
Cd 226.502	40782.3	0.502611	mg/L	0.0099960	0.502611	mg/L	0.0099960	1.99%
Ca 315.887	7457420.3	125.299	mg/L	2.0691	125.299	mg/L	2.0691	1.65%
Cr 206.158	15485.2	0.643820	mg/L	0.0170052	0.643820	mg/L	0.0170052	2.64%
Co 228.616	16696.5	0.561318	mg/L	0.0092375	0.561318	mg/L	0.0092375	1.65%
Cu 324.752	125213.2	1.33544	mg/L	0.025232	1.33544	mg/L	0.025232	1.89%
Fe 273.955	3720341.5	317.991	mg/L	4.9299	317.991	mg/L	4.9299	1.55%
Pb 220.353	10166.2	3.28301	mg/L	0.073467	3.28301	mg/L	0.073467	2.24%
Mg 279.077	687037.2	63.4142	mg/L	1.14979	63.4142	mg/L	1.14979	1.81%
Mn 257.610	585353.3	1.82770	mg/L	0.034285	1.82770	mg/L	0.034285	1.88%
Mo 202.031	4815.9	0.497641	mg/L	0.0114880	0.497641	mg/L	0.0114880	2.31%
Ni 231.604	16951.8	0.586349	mg/L	0.0175990	0.586349	mg/L	0.0175990	3.00%
Se 196.026	1542.3	0.479309	mg/L	0.0147124	0.479309	mg/L	0.0147124	3.07%
Ag 328.068	11256.4	0.0967952	mg/L	0.00105083	0.0967952	mg/L	0.00105083	1.09%
Na 330.237	41512.2	50.6696	mg/L	0.88919	50.6696	mg/L	0.88919	1.75%
Tl 190.801	1000.6	0.495622	mg/L	0.0111149	0.495622	mg/L	0.0111149	2.24%
Sn 189.927	3915.7	0.661958	mg/L	0.0205127	0.661958	mg/L	0.0205127	3.10%
Ti 334.940	1371513.8	3.80738	mg/L	0.065046	3.80738	mg/L	0.065046	1.71%
V 292.402	89033.5	0.717934	mg/L	0.0143097	0.717934	mg/L	0.0143097	1.99%
Zn 206.200	95289.2	1.97677	mg/L	0.035100	1.97677	mg/L	0.035100	1.78%

Sequence No.: 18
Sample ID: 42880-001 PS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 2/25/2009 10:07:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 PS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	614714.8	36.5225	mg/L	0.23801	36.5225	mg/L	0.23801	0.65%
Sb 206.836	1092.6	0.523203	mg/L	0.0033322	0.523203	mg/L	0.0033322	0.64%
As 188.979	1956.7	1.10096	mg/L	0.009159	1.10096	mg/L	0.009159	0.83%
Ba 233.527	111552.1	1.90465	mg/L	0.014619	1.90465	mg/L	0.014619	0.77%
Be 234.861	206348.9	0.517826	mg/L	0.0052491	0.517826	mg/L	0.0052491	1.01%
Cd 226.502	42452.5	0.529665	mg/L	0.0055483	0.529665	mg/L	0.0055483	1.05%
Ca 315.887	5127295.4	86.0391	mg/L	0.05409	86.0391	mg/L	0.05409	0.06%
Cr 206.158	15811.1	0.654724	mg/L	0.0021651	0.654724	mg/L	0.0021651	0.33%
Co 228.616	17018.9	0.573734	mg/L	0.0014031	0.573734	mg/L	0.0014031	0.24%
Cu 324.752	118293.9	1.26198	mg/L	0.012954	1.26198	mg/L	0.012954	1.03%
Fe 273.955	3215987.9	274.880	mg/L	0.9770	274.880	mg/L	0.9770	0.36%
Pb 220.353	10349.1	3.34163	mg/L	0.023567	3.34163	mg/L	0.023567	0.71%
Mg 279.077	696988.1	64.3327	mg/L	0.62212	64.3327	mg/L	0.62212	0.97%
Mn 257.610	531301.7	1.65893	mg/L	0.019133	1.65893	mg/L	0.019133	1.15%
Mo 202.031	5062.4	0.518152	mg/L	0.0000704	0.518152	mg/L	0.0000704	0.01%
Ni 231.604	17345.9	0.619524	mg/L	0.0024602	0.619524	mg/L	0.0024602	0.40%
Se 196.026	1649.5	0.496112	mg/L	0.0017457	0.496112	mg/L	0.0017457	0.35%
Ag 328.068	10582.1	0.0905542	mg/L	0.00132511	0.0905542	mg/L	0.00132511	1.46%
Na 330.237	42110.6	51.3924	mg/L	0.34934	51.3924	mg/L	0.34934	0.68%
Tl 190.801	1053.5	0.515098	mg/L	0.0035782	0.515098	mg/L	0.0035782	0.69%
Sn 189.927	4100.0	0.688984	mg/L	0.0033630	0.688984	mg/L	0.0033630	0.49%
Ti 334.940	1189481.7	3.30205	mg/L	0.036739	3.30205	mg/L	0.036739	1.11%
V 292.402	84287.3	0.679075	mg/L	0.0062257	0.679075	mg/L	0.0062257	0.92%
Zn 206.200	84154.9	1.74526	mg/L	0.021345	1.74526	mg/L	0.021345	1.22%

Sequence No.: 19
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 2/25/2009 10:09:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	85343.0	5.05813	mg/L	0.086856	5.05813	mg/L	0.086856	1.72%
QC value within limits for Al 308.215 Recovery = 101.16%								
Sb 206.836	1034.0	0.502796	mg/L	0.0017036	0.502796	mg/L	0.0017036	0.34%
QC value within limits for Sb 206.836 Recovery = 100.56%								
As 188.979	923.7	0.504737	mg/L	0.0033116	0.504737	mg/L	0.0033116	0.66%
QC value within limits for As 188.979 Recovery = 100.95%								
Ba 233.527	29779.1	0.508546	mg/L	0.0071082	0.508546	mg/L	0.0071082	1.40%
QC value within limits for Ba 233.527 Recovery = 101.71%								
Be 234.861	200543.0	0.486861	mg/L	0.0062294	0.486861	mg/L	0.0062294	1.28%
QC value within limits for Be 234.861 Recovery = 97.37%								
Cd 226.502	37167.5	0.490883	mg/L	0.0071580	0.490883	mg/L	0.0071580	1.46%
QC value within limits for Cd 226.502 Recovery = 98.18%								
Ca 315.887	3061206.7	51.2278	mg/L	0.31440	51.2278	mg/L	0.31440	0.61%
QC value within limits for Ca 315.887 Recovery = 102.46%								
Cr 206.158	12526.6	0.509257	mg/L	0.0103112	0.509257	mg/L	0.0103112	2.02%
QC value within limits for Cr 206.158 Recovery = 101.85%								
Co 228.616	14861.5	0.506943	mg/L	0.0005142	0.506943	mg/L	0.0005142	0.10%
QC value within limits for Co 228.616 Recovery = 101.39%								
Cu 324.752	45757.9	0.488323	mg/L	0.0066988	0.488323	mg/L	0.0066988	1.37%
QC value within limits for Cu 324.752 Recovery = 97.66%								
Fe 273.955	58768.6	5.00875	mg/L	0.060979	5.00875	mg/L	0.060979	1.22%
QC value within limits for Fe 273.955 Recovery = 100.17%								
Pb 220.353	1587.4	0.512531	mg/L	0.0034533	0.512531	mg/L	0.0034533	0.67%
QC value within limits for Pb 220.353 Recovery = 102.51%								
Mg 279.077	554312.9	51.1636	mg/L	0.33303	51.1636	mg/L	0.33303	0.65%
QC value within limits for Mg 279.077 Recovery = 102.33%								
Mn 257.610	158239.2	0.494085	mg/L	0.0056798	0.494085	mg/L	0.0056798	1.15%
QC value within limits for Mn 257.610 Recovery = 98.82%								
Mo 202.031	5193.8	0.508257	mg/L	0.0012007	0.508257	mg/L	0.0012007	0.24%
QC value within limits for Mo 202.031 Recovery = 101.65%								
Ni 231.604	12174.2	0.507442	mg/L	0.0011376	0.507442	mg/L	0.0011376	0.22%
QC value within limits for Ni 231.604 Recovery = 101.49%								
Se 196.026	1908.7	0.494952	mg/L	0.0028377	0.494952	mg/L	0.0028377	0.57%
QC value within limits for Se 196.026 Recovery = 98.99%								
Ag 328.068	11430.2	0.0972065	mg/L	0.00156643	0.0972065	mg/L	0.00156643	1.61%
QC value within limits for Ag 328.068 Recovery = 97.21%								
Na 330.237	38966.7	47.5948	mg/L	0.66512	47.5948	mg/L	0.66512	1.40%
QC value within limits for Na 330.237 Recovery = 95.19%								
Tl 190.801	1152.6	0.533529	mg/L	0.0026546	0.533529	mg/L	0.0026546	0.50%
QC value within limits for Tl 190.801 Recovery = 106.71%								
Sn 189.927	3110.4	0.518882	mg/L	0.0002795	0.518882	mg/L	0.0002795	0.05%
QC value within limits for Sn 189.927 Recovery = 103.78%								
Ti 334.940	175452.6	0.487064	mg/L	0.0056940	0.487064	mg/L	0.0056940	1.17%
QC value within limits for Ti 334.940 Recovery = 97.41%								
V 292.402	59507.4	0.479928	mg/L	0.0084105	0.479928	mg/L	0.0084105	1.75%
QC value within limits for V 292.402 Recovery = 95.99%								
Zn 206.200	24897.5	0.513231	mg/L	0.0073239	0.513231	mg/L	0.0073239	1.43%
QC value within limits for Zn 206.200 Recovery = 102.65%								

All analyte(s) passed QC.

Sequence No.: 20
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 2/25/2009 10:12:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	-355.8	-0.0355734	mg/L	0.00253106	-0.0355734	mg/L	0.00253106	7.12%
QC value within limits for Al 308.215 Recovery = Not calculated								
Sb 206.836	2.6	0.0004850	mg/L	0.00069448	0.0004850	mg/L	0.00069448	143.20%
QC value within limits for Sb 206.836 Recovery = Not calculated								
As 188.979	2.6	0.0003549	mg/L	0.00166733	0.0003549	mg/L	0.00166733	469.80%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527	31.5	0.0005382	mg/L	0.00013682	0.0005382	mg/L	0.00013682	25.42%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861	181.2	0.0004408	mg/L	0.00000338	0.0004408	mg/L	0.00000338	0.77%
QC value within limits for Be 234.861 Recovery = Not calculated								
Cd 226.502	10.8	0.0001404	mg/L	0.00012655	0.0001404	mg/L	0.00012655	90.15%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Ca 315.887	2139.6	-0.314092	mg/L	0.0018987	-0.314092	mg/L	0.0018987	0.60%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cr 206.158	15.1	-0.0032763	mg/L	0.00009137	-0.0032763	mg/L	0.00009137	2.79%
QC value within limits for Cr 206.158 Recovery = Not calculated								
Co 228.616	5.4	-0.0026795	mg/L	0.00016622	-0.0026795	mg/L	0.00016622	6.20%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cu 324.752	950.9	0.0121537	mg/L	0.00081564	0.0121537	mg/L	0.00081564	6.71%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 273.955	385.6	0.0183140	mg/L	0.00099805	0.0183140	mg/L	0.00099805	5.45%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Pb 220.353	4.6	-0.0012354	mg/L	0.00072790	-0.0012354	mg/L	0.00072790	58.92%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Mg 279.077	28.3	0.0026078	mg/L	0.00244737	0.0026078	mg/L	0.00244737	93.85%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	201.8	0.0006301	mg/L	0.00002967	0.0006301	mg/L	0.00002967	4.71%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	7.5	-0.0013714	mg/L	0.00030882	-0.0013714	mg/L	0.00030882	22.52%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	15.7	0.0006514	mg/L	0.00020228	0.0006514	mg/L	0.00020228	31.06%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Se 196.026	4.0	0.0017974	mg/L	0.00039805	0.0017974	mg/L	0.00039805	22.15%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068	102.0	0.0008549	mg/L	0.00043005	0.0008549	mg/L	0.00043005	50.30%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Na 330.237	49.2	0.584757	mg/L	0.0383924	0.584757	mg/L	0.0383924	6.57%
QC value within limits for Na 330.237 Recovery = Not calculated								
Tl 190.801	-0.7	-0.0033530	mg/L	0.00219174	-0.0033530	mg/L	0.00219174	65.37%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Sn 189.927	16.9	-0.0010586	mg/L	0.00077147	-0.0010586	mg/L	0.00077147	72.87%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	-72.8	-0.0002021	mg/L	0.00011824	-0.0002021	mg/L	0.00011824	58.52%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	4.2	-0.0006954	mg/L	0.00014483	-0.0006954	mg/L	0.00014483	20.83%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200	378.9	0.0038695	mg/L	0.00034712	0.0038695	mg/L	0.00034712	8.97%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 21
Sample ID: 42880-001 SD
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 2/25/2009 10:15:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 SD

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	120917.2	7.17256	mg/L	0.013608	7.17256	mg/L	0.013608	0.19%
Sb 206.836	3.5	-0.0007621	mg/L	0.00034002	-0.0007621	mg/L	0.00034002	44.61%
As 188.979	206.1	0.118493	mg/L	0.0034758	0.118493	mg/L	0.0034758	2.93%
Ba 233.527	17369.6	0.296540	mg/L	0.0009255	0.296540	mg/L	0.0009255	0.31%
Be 234.861	-1002.7	0.0013489	mg/L	0.00019606	0.0013489	mg/L	0.00019606	14.53%
Cd 226.502	623.7	0.0012788	mg/L	0.00001446	0.0012788	mg/L	0.00001446	1.13%
Ca 315.887	450954.8	7.24795	mg/L	0.007144	7.24795	mg/L	0.007144	0.10%
Cr 206.158	665.5	0.0258223	mg/L	0.00007852	0.0258223	mg/L	0.00007852	0.30%
Co 228.616	355.0	0.0077634	mg/L	0.00061523	0.0077634	mg/L	0.00061523	7.92%
Cu 324.752	15609.7	0.168528	mg/L	0.0002644	0.168528	mg/L	0.0002644	0.16%
Fe 273.955	707556.7	60.4655	mg/L	0.33815	60.4655	mg/L	0.33815	0.56%
Pb 220.353	1998.2	0.642516	mg/L	0.0022826	0.642516	mg/L	0.0022826	0.36%
Mg 279.077	27202.4	2.51081	mg/L	0.008873	2.51081	mg/L	0.008873	0.35%
Mn 257.610	79449.9	0.248074	mg/L	0.0005389	0.248074	mg/L	0.0005389	0.22%
Mo 202.031	-0.4	0.0029543	mg/L	0.00017974	0.0029543	mg/L	0.00017974	6.08%
Ni 231.604	1033.5	0.0198714	mg/L	0.00012460	0.0198714	mg/L	0.00012460	0.63%
Se 196.026	-55.2	0.0017517	mg/L	0.00318588	0.0017517	mg/L	0.00318588	181.87%
Ag 328.068	222.4	0.0019784	mg/L	0.00011301	0.0019784	mg/L	0.00011301	5.71%
Na 330.237	265.9	0.846573	mg/L	0.0005655	0.846573	mg/L	0.0005655	0.07%
Tl 190.801	-15.0	-0.0040882	mg/L	0.00051145	-0.0040882	mg/L	0.00051145	12.51%
Sn 189.927	119.5	0.0170788	mg/L	0.00037784	0.0170788	mg/L	0.00037784	2.21%
Ti 334.940	216957.5	0.602283	mg/L	0.0013918	0.602283	mg/L	0.0013918	0.23%
V 292.402	4683.4	0.0368799	mg/L	0.00015319	0.0368799	mg/L	0.00015319	0.42%
Zn 206.200	13524.0	0.277168	mg/L	0.0011111	0.277168	mg/L	0.0011111	0.40%

Sequence No.: 22
Sample ID: 42875-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 2/25/2009 10:18:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42875-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	730332.7	43.3946	mg/L	0.18438	43.3946	mg/L	0.18438	0.42%
Sb 206.836	38.3	0.0086550	mg/L	0.00033885	0.0086550	mg/L	0.00033885	3.92%
As 188.979	2.5	0.0233080	mg/L	0.00062621	0.0233080	mg/L	0.00062621	2.69%
Ba 233.527	21775.7	0.371067	mg/L	0.0008107	0.371067	mg/L	0.0008107	0.22%
Be 234.861	-1914.6	0.0031373	mg/L	0.00006533	0.0031373	mg/L	0.00006533	2.08%
Cd 226.502	2137.3	0.0139210	mg/L	0.00009314	0.0139210	mg/L	0.00009314	0.67%
Ca 315.887	2012116.1	33.5518	mg/L	0.20686	33.5518	mg/L	0.20686	0.62%
Cr 206.158	3909.3	0.189319	mg/L	0.0001986	0.189319	mg/L	0.0001986	0.10%
Co 228.616	1936.5	0.0554939	mg/L	0.00021543	0.0554939	mg/L	0.00021543	0.39%
Cu 324.752	42619.8	0.457897	mg/L	0.0032969	0.457897	mg/L	0.0032969	0.72%
Fe 273.955	1455970.7	124.438	mg/L	0.8978	124.438	mg/L	0.8978	0.72%
Pb 220.353	1456.3	0.471523	mg/L	0.0058229	0.471523	mg/L	0.0058229	1.23%
Mg 279.077	256984.4	23.7199	mg/L	0.14533	23.7199	mg/L	0.14533	0.61%
Mn 257.610	379009.9	1.18342	mg/L	0.006888	1.18342	mg/L	0.006888	0.58%
Mo 202.031	64.6	0.0152656	mg/L	0.00051772	0.0152656	mg/L	0.00051772	3.39%
Ni 231.604	11524.8	0.433633	mg/L	0.0006093	0.433633	mg/L	0.0006093	0.14%
Se 196.026	-126.5	-0.0009515	mg/L	0.00208864	-0.0009515	mg/L	0.00208864	219.52%
Ag 328.068	759.3	0.0068830	mg/L	0.00025773	0.0068830	mg/L	0.00025773	3.74%
Na 330.237	5919.6	7.67583	mg/L	0.138330	7.67583	mg/L	0.138330	1.80%
Tl 190.801	-84.7	-0.0115485	mg/L	0.00063596	-0.0115485	mg/L	0.00063596	5.51%
Sn 189.927	250.4	0.0417933	mg/L	0.00044564	0.0417933	mg/L	0.00044564	1.07%
Ti 334.940	1132534.0	3.14396	mg/L	0.020529	3.14396	mg/L	0.020529	0.65%
V 292.402	36414.0	0.291526	mg/L	0.0021491	0.291526	mg/L	0.0021491	0.74%
Zn 206.200	167309.4	3.47450	mg/L	0.023587	3.47450	mg/L	0.023587	0.68%

Sequence No.: 23
Sample ID: 42875-002
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 42
Date Collected: 2/25/2009 10:22:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42875-002

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	834328.2	49.5758	mg/L	0.26934	49.5758	mg/L	0.26934	0.54%
Sb 206.836	63.0	0.0220265	mg/L	0.00661052	0.0220265	mg/L	0.00661052	30.01%
As 188.979	39.2	0.0387440	mg/L	0.00030856	0.0387440	mg/L	0.00030856	0.80%
Ba 233.527	48714.2	0.831072	mg/L	0.0049330	0.831072	mg/L	0.0049330	0.59%
Be 234.861	-1428.4	0.0033383	mg/L	0.00015742	0.0033383	mg/L	0.00015742	4.72%
Cd 226.502	2533.7	0.0209655	mg/L	0.00008794	0.0209655	mg/L	0.00008794	0.42%
Ca 315.887	1862886.9	31.0375	mg/L	0.16587	31.0375	mg/L	0.16587	0.53%
Cr 206.158	7069.0	0.331773	mg/L	0.0020351	0.331773	mg/L	0.0020351	0.61%
Co 228.616	1580.4	0.0452051	mg/L	0.00006071	0.0452051	mg/L	0.00006071	0.13%
Cu 324.752	105997.0	1.13119	mg/L	0.005998	1.13119	mg/L	0.005998	0.53%
Fe 273.955	1272909.6	108.790	mg/L	0.6716	108.790	mg/L	0.6716	0.62%
Pb 220.353	3590.2	1.16170	mg/L	0.001459	1.16170	mg/L	0.001459	0.13%
Mg 279.077	279325.7	25.7820	mg/L	0.15893	25.7820	mg/L	0.15893	0.62%
Mn 257.610	281455.0	0.878813	mg/L	0.0044891	0.878813	mg/L	0.0044891	0.51%
Mo 202.031	349.1	0.0420224	mg/L	0.00080274	0.0420224	mg/L	0.00080274	1.91%
Ni 231.604	5688.9	0.195500	mg/L	0.0001138	0.195500	mg/L	0.0001138	0.06%
Se 196.026	-107.9	0.0000504	mg/L	0.00188075	0.0000504	mg/L	0.00188075	>999.9%
Ag 328.068	2943.0	0.0252592	mg/L	0.00004423	0.0252592	mg/L	0.00004423	0.18%
Na 330.237	7308.8	9.35397	mg/L	0.074771	9.35397	mg/L	0.074771	0.80%
Tl 190.801	-67.7	-0.0108019	mg/L	0.00308102	-0.0108019	mg/L	0.00308102	28.52%
Sn 189.927	550.4	0.0911722	mg/L	0.00192378	0.0911722	mg/L	0.00192378	2.11%
Ti 334.940	866545.0	2.40556	mg/L	0.014382	2.40556	mg/L	0.014382	0.60%
V 292.402	31138.1	0.248170	mg/L	0.0013778	0.248170	mg/L	0.0013778	0.56%
Zn 206.200	236299.2	4.90884	mg/L	0.038897	4.90884	mg/L	0.038897	0.79%

Sequence No.: 24
Sample ID: 42875-003
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 2/25/2009 10:26:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42875-003

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	495611.5	29.4434	mg/L	0.09286	29.4434	mg/L	0.09286	0.32%
Sb 206.836	34.3	0.0104228	mg/L	0.00105361	0.0104228	mg/L	0.00105361	10.11%
As 188.979	17.2	0.0219067	mg/L	0.00169660	0.0219067	mg/L	0.00169660	7.74%
Ba 233.527	27218.3	0.464312	mg/L	0.0015551	0.464312	mg/L	0.0015551	0.33%
Be 234.861	-994.2	0.0022806	mg/L	0.00006471	0.0022806	mg/L	0.00006471	2.84%
Cd 226.502	1424.1	0.0101831	mg/L	0.00019771	0.0101831	mg/L	0.00019771	1.94%
Ca 315.887	1331076.3	22.0770	mg/L	0.05402	22.0770	mg/L	0.05402	0.24%
Cr 206.158	5050.3	0.228701	mg/L	0.0008533	0.228701	mg/L	0.0008533	0.37%
Co 228.616	1321.9	0.0377708	mg/L	0.00056353	0.0377708	mg/L	0.00056353	1.49%
Cu 324.752	49190.0	0.526649	mg/L	0.0004172	0.526649	mg/L	0.0004172	0.08%
Fe 273.955	877966.8	75.0317	mg/L	0.28883	75.0317	mg/L	0.28883	0.38%
Pb 220.353	2625.9	0.848380	mg/L	0.0094190	0.848380	mg/L	0.0094190	1.11%
Mg 279.077	173452.7	16.0098	mg/L	0.04055	16.0098	mg/L	0.04055	0.25%
Mn 257.610	182716.3	0.570512	mg/L	0.0013126	0.570512	mg/L	0.0013126	0.23%
Mo 202.031	178.4	0.0221201	mg/L	0.00035373	0.0221201	mg/L	0.00035373	1.60%
Ni 231.604	7356.7	0.278484	mg/L	0.0013614	0.278484	mg/L	0.0013614	0.49%
Se 196.026	-67.9	0.0019806	mg/L	0.00483671	0.0019806	mg/L	0.00483671	244.20%
Ag 328.068	1279.2	0.0111030	mg/L	0.00038796	0.0111030	mg/L	0.00038796	3.49%
Na 330.237	4441.7	5.89070	mg/L	0.048524	5.89070	mg/L	0.048524	0.82%
Tl 190.801	-50.0	-0.0080893	mg/L	0.00065928	-0.0080893	mg/L	0.00065928	8.15%
Sn 189.927	301.3	0.0488703	mg/L	0.00019093	0.0488703	mg/L	0.00019093	0.39%
Ti 334.940	664026.7	1.84337	mg/L	0.007016	1.84337	mg/L	0.007016	0.38%
V 292.402	19096.0	0.151643	mg/L	0.0000956	0.151643	mg/L	0.0000956	0.06%
Zn 206.200	134261.0	2.78739	mg/L	0.004038	2.78739	mg/L	0.004038	0.14%

Sequence No.: 25
Sample ID: ICSA V-59477
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 2/25/2009 10:29:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-59477

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	7391352.4	439.307	mg/L	3.2453	439.307	mg/L	3.2453	0.74%
QC value within limits for Al 308.215 Recovery = 87.86%								
Sb 206.836	45.9	-0.0072310	mg/L	0.00019059	-0.0072310	mg/L	0.00019059	2.64%
As 188.979	-4.7	0.0076937	mg/L	0.00216950	0.0076937	mg/L	0.00216950	28.20%
Ba 233.527	61.8	-0.0078267	mg/L	0.00012012	-0.0078267	mg/L	0.00012012	1.53%
Be 234.861	-3859.8	0.0014291	mg/L	0.00007599	0.0014291	mg/L	0.00007599	5.32%
Cd 226.502	1649.5	0.0019219	mg/L	0.00044559	0.0019219	mg/L	0.00044559	23.18%
Ca 315.887	27238076.1	458.581	mg/L	3.7266	458.581	mg/L	3.7266	0.81%
QC value within limits for Ca 315.887 Recovery = 91.72%								
Cr 206.158	81.0	-0.0005977	mg/L	0.00016167	-0.0005977	mg/L	0.00016167	27.05%
Co 228.616	103.0	0.0006582	mg/L	0.00009350	0.0006582	mg/L	0.00009350	14.21%
Cu 324.752	1484.6	0.0104795	mg/L	0.00075010	0.0104795	mg/L	0.00075010	7.16%
Fe 273.955	2019220.2	172.583	mg/L	3.8440	172.583	mg/L	3.8440	2.23%
QC value within limits for Fe 273.955 Recovery = 86.29%								
Pb 220.353	-180.5	-0.0114262	mg/L	0.00067797	-0.0114262	mg/L	0.00067797	5.93%
Mg 279.077	5096149.2	470.379	mg/L	10.6187	470.379	mg/L	10.6187	2.26%
QC value within limits for Mg 279.077 Recovery = 94.08%								
Mn 257.610	-605.1	-0.0018895	mg/L	0.00004145	-0.0018895	mg/L	0.00004145	2.19%
Mo 202.031	-182.5	0.0022124	mg/L	0.00132973	0.0022124	mg/L	0.00132973	60.10%
Ni 231.604	1176.7	-0.0225167	mg/L	0.00131786	-0.0225167	mg/L	0.00131786	5.85%
Se 196.026	-197.9	-0.0062868	mg/L	0.00384245	-0.0062868	mg/L	0.00384245	61.12%
Ag 328.068	-580.8	0.0016848	mg/L	0.00023965	0.0016848	mg/L	0.00023965	14.22%
Na 330.237	177.6	0.739879	mg/L	0.0150027	0.739879	mg/L	0.0150027	2.03%
Tl 190.801	-12.1	-0.0086077	mg/L	0.00196715	-0.0086077	mg/L	0.00196715	22.85%
Sn 189.927	32.9	0.0108150	mg/L	0.00048916	0.0108150	mg/L	0.00048916	4.52%
Ti 334.940	-554.7	-0.0015397	mg/L	0.00011498	-0.0015397	mg/L	0.00011498	7.47%
V 292.402	16604.3	0.0182933	mg/L	0.00339530	0.0182933	mg/L	0.00339530	18.56%
Zn 206.200	454.7	0.0054606	mg/L	0.00108065	0.0054606	mg/L	0.00108065	19.79%

All analyte(s) passed QC.

Sequence No.: 26
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/25/2009 10:33:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	7465257.6	443.700	mg/L	2.9538	443.700	mg/L	2.9538	0.67%
QC value within limits for Al 308.215 Recovery = 88.74%								
Sb 206.836	1988.7	0.927752	mg/L	0.0120700	0.927752	mg/L	0.0120700	1.30%
QC value within limits for Sb 206.836 Recovery = 92.78%								
As 188.979	1754.7	0.970644	mg/L	0.0002096	0.970644	mg/L	0.0002096	0.02%
QC value within limits for As 188.979 Recovery = 97.06%								
Ba 233.527	28173.5	0.472251	mg/L	0.0028462	0.472251	mg/L	0.0028462	0.60%
QC value within limits for Ba 233.527 Recovery = 94.45%								
Be 234.861	197030.8	0.489092	mg/L	0.0007718	0.489092	mg/L	0.0007718	0.16%
QC value within limits for Be 234.861 Recovery = 97.82%								
Cd 226.502	70039.4	0.905731	mg/L	0.0025243	0.905731	mg/L	0.0025243	0.28%
QC value within limits for Cd 226.502 Recovery = 90.57%								
Ca 315.887	27506369.0	463.102	mg/L	2.2625	463.102	mg/L	2.2625	0.49%
QC value within limits for Ca 315.887 Recovery = 92.62%								
Cr 206.158	11286.1	0.462704	mg/L	0.0038496	0.462704	mg/L	0.0038496	0.83%
QC value within limits for Cr 206.158 Recovery = 92.54%								
Co 228.616	13287.0	0.453634	mg/L	0.0022356	0.453634	mg/L	0.0022356	0.49%
QC value within limits for Co 228.616 Recovery = 90.73%								
Cu 324.752	45033.7	0.473535	mg/L	0.0003430	0.473535	mg/L	0.0003430	0.07%
QC value within limits for Cu 324.752 Recovery = 94.71%								
Fe 273.955	2070085.1	176.931	mg/L	0.1300	176.931	mg/L	0.1300	0.07%
QC value within limits for Fe 273.955 Recovery = 88.47%								
Pb 220.353	2621.4	0.894364	mg/L	0.0136213	0.894364	mg/L	0.0136213	1.52%
QC value within limits for Pb 220.353 Recovery = 89.44%								
Mg 279.077	5259179.3	485.427	mg/L	2.9959	485.427	mg/L	2.9959	0.62%
QC value within limits for Mg 279.077 Recovery = 97.09%								
Mn 257.610	149149.1	0.465702	mg/L	0.0007808	0.465702	mg/L	0.0007808	0.17%
QC value within limits for Mn 257.610 Recovery = 93.14%								
Mo 202.031	-196.9	0.0012337	mg/L	0.00066943	0.0012337	mg/L	0.00066943	54.26%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	21925.3	0.843594	mg/L	0.0017231	0.843594	mg/L	0.0017231	0.20%
QC value within limits for Ni 231.604 Recovery = 84.36%								
Se 196.026	3299.1	0.898194	mg/L	0.0106656	0.898194	mg/L	0.0106656	1.19%
QC value within limits for Se 196.026 Recovery = 89.82%								
Ag 328.068	116926.4	0.992182	mg/L	0.0057138	0.992182	mg/L	0.0057138	0.58%
QC value within limits for Ag 328.068 Recovery = 99.22%								
Na 330.237	770.5	1.45612	mg/L	0.043251	1.45612	mg/L	0.043251	2.97%
QC value greater than the upper limit for Na 330.237 Recovery = Not calculated								
Tl 190.801	1951.7	0.896596	mg/L	0.0017674	0.896596	mg/L	0.0017674	0.20%
QC value within limits for Tl 190.801 Recovery = 89.66%								
Sn 189.927	22.5	0.0084880	mg/L	0.00223288	0.0084880	mg/L	0.00223288	26.31%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	-749.4	-0.0020803	mg/L	0.00008728	-0.0020803	mg/L	0.00008728	4.20%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	69720.3	0.451806	mg/L	0.0007669	0.451806	mg/L	0.0007669	0.17%
QC value within limits for V 292.402 Recovery = 90.36%								
Zn 206.200	44096.5	0.912815	mg/L	0.0065871	0.912815	mg/L	0.0065871	0.72%
QC value within limits for Zn 206.200 Recovery = 91.28%								

QC Failed. Continue with analysis.

Sequence No.: 27
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 2/25/2009 10:37:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	87711.1	5.19888	mg/L	0.039651	5.19888	mg/L	0.039651	0.76%
QC value within limits for Al 308.215 Recovery = 103.98%								
Sb 206.836	1041.9	0.506571	mg/L	0.0020837	0.506571	mg/L	0.0020837	0.41%
QC value within limits for Sb 206.836 Recovery = 101.31%								
As 188.979	924.0	0.504949	mg/L	0.0068883	0.504949	mg/L	0.0068883	1.36%
QC value within limits for As 188.979 Recovery = 100.99%								
Ba 233.527	30441.9	0.519864	mg/L	0.0052579	0.519864	mg/L	0.0052579	1.01%
QC value within limits for Ba 233.527 Recovery = 103.97%								
Be 234.861	205578.5	0.499087	mg/L	0.0049761	0.499087	mg/L	0.0049761	1.00%
QC value within limits for Be 234.861 Recovery = 99.82%								
Cd 226.502	38576.2	0.509496	mg/L	0.0039798	0.509496	mg/L	0.0039798	0.78%
QC value within limits for Cd 226.502 Recovery = 101.90%								
Ca 315.887	3084580.0	51.6216	mg/L	0.21067	51.6216	mg/L	0.21067	0.41%
QC value within limits for Ca 315.887 Recovery = 103.24%								
Cr 206.158	12709.1	0.516751	mg/L	0.0041050	0.516751	mg/L	0.0041050	0.79%
QC value within limits for Cr 206.158 Recovery = 103.35%								
Co 228.616	14839.6	0.506159	mg/L	0.0013320	0.506159	mg/L	0.0013320	0.26%
QC value within limits for Co 228.616 Recovery = 101.23%								
Cu 324.752	46546.9	0.496720	mg/L	0.0060646	0.496720	mg/L	0.0060646	1.22%
QC value within limits for Cu 324.752 Recovery = 99.34%								
Fe 273.955	60299.6	5.13961	mg/L	0.045073	5.13961	mg/L	0.045073	0.88%
QC value within limits for Fe 273.955 Recovery = 102.79%								
Pb 220.353	1579.8	0.510105	mg/L	0.0010300	0.510105	mg/L	0.0010300	0.20%
QC value within limits for Pb 220.353 Recovery = 102.02%								
Mg 279.077	558962.2	51.5927	mg/L	0.19927	51.5927	mg/L	0.19927	0.39%
QC value within limits for Mg 279.077 Recovery = 103.19%								
Mn 257.610	162531.6	0.507487	mg/L	0.0049201	0.507487	mg/L	0.0049201	0.97%
QC value within limits for Mn 257.610 Recovery = 101.50%								
Mo 202.031	5186.9	0.507594	mg/L	0.0026167	0.507594	mg/L	0.0026167	0.52%
QC value within limits for Mo 202.031 Recovery = 101.52%								
Ni 231.604	12123.2	0.505254	mg/L	0.0008415	0.505254	mg/L	0.0008415	0.17%
QC value within limits for Ni 231.604 Recovery = 101.05%								
Se 196.026	1897.8	0.492167	mg/L	0.0003381	0.492167	mg/L	0.0003381	0.07%
QC value within limits for Se 196.026 Recovery = 98.43%								
Ag 328.068	11786.9	0.100218	mg/L	0.0007642	0.100218	mg/L	0.0007642	0.76%
QC value within limits for Ag 328.068 Recovery = 100.22%								
Na 330.237	39749.1	48.5400	mg/L	0.25664	48.5400	mg/L	0.25664	0.53%
QC value within limits for Na 330.237 Recovery = 97.08%								
Tl 190.801	1147.2	0.531156	mg/L	0.0063162	0.531156	mg/L	0.0063162	1.19%
QC value within limits for Tl 190.801 Recovery = 106.23%								
Sn 189.927	3068.0	0.511780	mg/L	0.0008313	0.511780	mg/L	0.0008313	0.16%
QC value within limits for Sn 189.927 Recovery = 102.36%								
Ti 334.940	180092.2	0.499943	mg/L	0.0044642	0.499943	mg/L	0.0044642	0.89%
QC value within limits for Ti 334.940 Recovery = 99.99%								
V 292.402	61107.1	0.492979	mg/L	0.0040230	0.492979	mg/L	0.0040230	0.82%
QC value within limits for V 292.402 Recovery = 98.60%								
Zn 206.200	25351.7	0.522676	mg/L	0.0043093	0.522676	mg/L	0.0043093	0.82%
QC value within limits for Zn 206.200 Recovery = 104.54%								

All analyte(s) passed QC.

Sequence No.: 28
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 2/25/2009 10:40:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	-237.5	-0.0285405	mg/L	0.00093928	-0.0285405	mg/L	0.00093928	3.29%
QC value within limits for Al 308.215 Recovery = Not calculated								
Sb 206.836	-3.0	-0.0022168	mg/L	0.00151236	-0.0022168	mg/L	0.00151236	68.22%
QC value within limits for Sb 206.836 Recovery = Not calculated								
As 188.979	4.6	0.0014288	mg/L	0.00260325	0.0014288	mg/L	0.00260325	182.19%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527	24.7	0.0004227	mg/L	0.00003371	0.0004227	mg/L	0.00003371	7.98%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861	138.7	0.0003371	mg/L	0.00003125	0.0003371	mg/L	0.00003125	9.27%
QC value within limits for Be 234.861 Recovery = Not calculated								
Cd 226.502	15.1	0.0001989	mg/L	0.00001029	0.0001989	mg/L	0.00001029	5.17%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Ca 315.887	2722.8	-0.304266	mg/L	0.0031010	-0.304266	mg/L	0.0031010	1.02%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cr 206.158	9.1	-0.0035456	mg/L	0.00012560	-0.0035456	mg/L	0.00012560	3.54%
QC value within limits for Cr 206.158 Recovery = Not calculated								
Co 228.616	3.9	-0.0027299	mg/L	0.00003113	-0.0027299	mg/L	0.00003113	1.14%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cu 324.752	500.2	0.0073600	mg/L	0.00054562	0.0073600	mg/L	0.00054562	7.41%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 273.955	283.3	0.0095695	mg/L	0.00098492	0.0095695	mg/L	0.00098492	10.29%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Pb 220.353	5.3	-0.0010046	mg/L	0.00299963	-0.0010046	mg/L	0.00299963	298.59%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Mg 279.077	380.7	0.0351405	mg/L	0.00100822	0.0351405	mg/L	0.00100822	2.87%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	105.9	0.0003305	mg/L	0.00003315	0.0003305	mg/L	0.00003315	10.03%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	4.9	-0.0016337	mg/L	0.00007761	-0.0016337	mg/L	0.00007761	4.75%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	7.5	0.0003100	mg/L	0.00016302	0.0003100	mg/L	0.00016302	52.59%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Se 196.026	7.3	0.0026416	mg/L	0.00141090	0.0026416	mg/L	0.00141090	53.41%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068	94.3	0.0007904	mg/L	0.00088223	0.0007904	mg/L	0.00088223	111.61%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Na 330.237	23.3	0.553483	mg/L	0.0333170	0.553483	mg/L	0.0333170	6.02%
QC value within limits for Na 330.237 Recovery = Not calculated								
Tl 190.801	-0.3	-0.0031602	mg/L	0.00004410	-0.0031602	mg/L	0.00004410	1.40%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Sn 189.927	14.5	-0.0014706	mg/L	0.00136906	-0.0014706	mg/L	0.00136906	93.10%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	-127.9	-0.0003552	mg/L	0.00013840	-0.0003552	mg/L	0.00013840	38.97%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	5.3	-0.0006964	mg/L	0.00004097	-0.0006964	mg/L	0.00004097	5.88%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200	268.2	0.0015680	mg/L	0.00044715	0.0015680	mg/L	0.00044715	28.52%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 29
Sample ID: 42875-004
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 2/25/2009 10:43:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42875-004

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1167379.8	69.3714	mg/L	0.90879	69.3714	mg/L	0.90879	1.31%
Sb 206.836	70.6	0.0236201	mg/L	0.00228441	0.0236201	mg/L	0.00228441	9.67%
As 188.979	38.9	0.0425257	mg/L	0.00036445	0.0425257	mg/L	0.00036445	0.86%
Ba 233.527	60058.1	1.02443	mg/L	0.011767	1.02443	mg/L	0.011767	1.15%
Be 234.861	-1587.2	0.0046851	mg/L	0.00004302	0.0046851	mg/L	0.00004302	0.92%
Cd 226.502	3097.0	0.0252227	mg/L	0.00042697	0.0252227	mg/L	0.00042697	1.69%
Ca 315.887	2222693.3	37.0998	mg/L	0.44482	37.0998	mg/L	0.44482	1.20%
Cr 206.158	8444.1	0.393435	mg/L	0.0040628	0.393435	mg/L	0.0040628	1.03%
Co 228.616	2003.1	0.0585613	mg/L	0.00015292	0.0585613	mg/L	0.00015292	0.26%
Cu 324.752	120561.3	1.28643	mg/L	0.022925	1.28643	mg/L	0.022925	1.78%
Fe 273.955	1596892.9	136.484	mg/L	2.1888	136.484	mg/L	2.1888	1.60%
Pb 220.353	4237.1	1.37248	mg/L	0.003455	1.37248	mg/L	0.003455	0.25%
Mg 279.077	344548.6	31.8022	mg/L	0.45085	31.8022	mg/L	0.45085	1.42%
Mn 257.610	401811.7	1.25461	mg/L	0.017211	1.25461	mg/L	0.017211	1.37%
Mo 202.031	436.1	0.0532013	mg/L	0.00011312	0.0532013	mg/L	0.00011312	0.21%
Ni 231.604	6571.0	0.221502	mg/L	0.0006363	0.221502	mg/L	0.0006363	0.29%
Se 196.026	-122.5	0.0030916	mg/L	0.00144061	0.0030916	mg/L	0.00144061	46.60%
Ag 328.068	2791.5	0.0240718	mg/L	0.00039196	0.0240718	mg/L	0.00039196	1.63%
Na 330.237	9234.5	11.6801	mg/L	0.12748	11.6801	mg/L	0.12748	1.09%
Tl 190.801	-76.1	-0.0103772	mg/L	0.00082800	-0.0103772	mg/L	0.00082800	7.98%
Sn 189.927	649.1	0.108176	mg/L	0.0008321	0.108176	mg/L	0.0008321	0.77%
Ti 334.940	1029530.2	2.85802	mg/L	0.040024	2.85802	mg/L	0.040024	1.40%
V 292.402	38608.5	0.307994	mg/L	0.0051997	0.307994	mg/L	0.0051997	1.69%
Zn 206.200	264736.0	5.50006	mg/L	0.091615	5.50006	mg/L	0.091615	1.67%

Sequence No.: 30
Sample ID: 42868-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 2/25/2009 10:47:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1589522.6	94.4625	mg/L	0.17621	94.4625	mg/L	0.17621	0.19%
Sb 206.836	19.0	-0.0057306	mg/L	0.00066291	-0.0057306	mg/L	0.00066291	11.57%
As 188.979	-8.4	0.0226339	mg/L	0.00018858	0.0226339	mg/L	0.00018858	0.83%
Ba 233.527	47685.2	0.812588	mg/L	0.0030708	0.812588	mg/L	0.0030708	0.38%
Be 234.861	-1530.2	0.0053809	mg/L	0.00006661	0.0053809	mg/L	0.00006661	1.24%
Cd 226.502	1463.3	0.0025932	mg/L	0.00010694	0.0025932	mg/L	0.00010694	4.12%
Ca 315.887	508397.4	8.21579	mg/L	0.018800	8.21579	mg/L	0.018800	0.23%
Cr 206.158	4280.5	0.172755	mg/L	0.0007342	0.172755	mg/L	0.0007342	0.42%
Co 228.616	2197.0	0.0623378	mg/L	0.00086448	0.0623378	mg/L	0.00086448	1.39%
Cu 324.752	9102.3	0.102664	mg/L	0.0009425	0.102664	mg/L	0.0009425	0.92%
Fe 273.955	1701175.2	145.397	mg/L	0.2722	145.397	mg/L	0.2722	0.19%
Pb 220.353	156.7	0.0566062	mg/L	0.00494659	0.0566062	mg/L	0.00494659	8.74%
Mg 279.077	294921.0	27.2215	mg/L	0.32978	27.2215	mg/L	0.32978	1.21%
Mn 257.610	695646.0	2.17208	mg/L	0.004661	2.17208	mg/L	0.004661	0.21%
Mo 202.031	-69.2	0.0047859	mg/L	0.00004595	0.0047859	mg/L	0.00004595	0.96%
Ni 231.604	3993.3	0.109930	mg/L	0.0004402	0.109930	mg/L	0.0004402	0.40%
Se 196.026	-147.6	-0.0017303	mg/L	0.00104097	-0.0017303	mg/L	0.00104097	60.16%
Ag 328.068	18.5	0.0002715	mg/L	0.00011034	0.0002715	mg/L	0.00011034	40.64%
Na 330.237	-235.2	0.241236	mg/L	0.0249215	0.241236	mg/L	0.0249215	10.33%
Tl 190.801	-96.0	-0.0092483	mg/L	0.00184530	-0.0092483	mg/L	0.00184530	19.95%
Sn 189.927	162.3	0.0251861	mg/L	0.00072763	0.0251861	mg/L	0.00072763	2.89%
Ti 334.940	1422701.4	3.94948	mg/L	0.006247	3.94948	mg/L	0.006247	0.16%
V 292.402	21943.8	0.171005	mg/L	0.0014871	0.171005	mg/L	0.0014871	0.87%
Zn 206.200	15417.9	0.316549	mg/L	0.0023400	0.316549	mg/L	0.0023400	0.74%

Sequence No.: 31
Sample ID: 42868-002
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 2/25/2009 10:50:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-002

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1815216.8	107.877	mg/L	0.6608	107.877	mg/L	0.6608	0.61%
Sb 206.836	49.6	0.0021714	mg/L	0.00021955	0.0021714	mg/L	0.00021955	10.11%
As 188.979	-47.8	0.0143559	mg/L	0.00044489	0.0143559	mg/L	0.00044489	3.10%
Ba 233.527	49282.7	0.839603	mg/L	0.0209259	0.839603	mg/L	0.0209259	2.49%
Be 234.861	-1294.4	0.0046467	mg/L	0.00016784	0.0046467	mg/L	0.00016784	3.61%
Cd 226.502	1329.2	0.0032265	mg/L	0.00006943	0.0032265	mg/L	0.00006943	2.15%
Ca 315.887	681882.0	11.1388	mg/L	0.07809	11.1388	mg/L	0.07809	0.70%
Cr 206.158	6796.4	0.274604	mg/L	0.0003361	0.274604	mg/L	0.0003361	0.12%
Co 228.616	2654.5	0.0700290	mg/L	0.00019345	0.0700290	mg/L	0.00019345	0.28%
Cu 324.752	9070.4	0.105375	mg/L	0.0027508	0.105375	mg/L	0.0027508	2.61%
Fe 273.955	1456844.7	124.513	mg/L	0.7312	124.513	mg/L	0.7312	0.59%
Pb 220.353	102.8	0.0432777	mg/L	0.00218179	0.0432777	mg/L	0.00218179	5.04%
Mg 279.077	325687.2	30.0612	mg/L	0.79913	30.0612	mg/L	0.79913	2.66%
Mn 257.610	299731.2	0.935879	mg/L	0.0237954	0.935879	mg/L	0.0237954	2.54%
Mo 202.031	61.5	0.0161452	mg/L	0.00085912	0.0161452	mg/L	0.00085912	5.32%
Ni 231.604	5356.1	0.174812	mg/L	0.0003889	0.174812	mg/L	0.0003889	0.22%
Se 196.026	-125.7	-0.0005677	mg/L	0.00254852	-0.0005677	mg/L	0.00254852	448.93%
Ag 328.068	-13.7	0.0000455	mg/L	0.00040254	0.0000455	mg/L	0.00040254	885.09%
Na 330.237	-1903.7	-1.77421	mg/L	0.028996	-1.77421	mg/L	0.028996	1.63%
Tl 190.801	-185.7	-0.0194051	mg/L	0.00333609	-0.0194051	mg/L	0.00333609	17.19%
Sn 189.927	149.6	0.0254110	mg/L	0.00023694	0.0254110	mg/L	0.00023694	0.93%
Ti 334.940	2535729.2	7.03929	mg/L	0.040284	7.03929	mg/L	0.040284	0.57%
V 292.402	30186.9	0.236640	mg/L	0.0072251	0.236640	mg/L	0.0072251	3.05%
Zn 206.200	14722.4	0.302079	mg/L	0.0002995	0.302079	mg/L	0.0002995	0.10%

Sequence No.: 32
Sample ID: 42868-003
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 2/25/2009 10:53:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-003

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	936847.1	55.6692	mg/L	0.00030	55.6692	mg/L	0.00030	0.00%
Sb 206.836	31.4	0.0032755	mg/L	0.00094110	0.0032755	mg/L	0.00094110	28.73%
As 188.979	-26.4	0.0069192	mg/L	0.00029897	0.0069192	mg/L	0.00029897	4.32%
Ba 233.527	18247.7	0.310559	mg/L	0.0001714	0.310559	mg/L	0.0001714	0.06%
Be 234.861	-805.2	0.0026472	mg/L	0.00006279	0.0026472	mg/L	0.00006279	2.37%
Cd 226.502	760.4	0.0015772	mg/L	0.00008744	0.0015772	mg/L	0.00008744	5.54%
Ca 315.887	567697.1	9.21493	mg/L	0.003464	9.21493	mg/L	0.003464	0.04%
Cr 206.158	3523.1	0.141063	mg/L	0.0003456	0.141063	mg/L	0.0003456	0.24%
Co 228.616	1513.0	0.0394611	mg/L	0.00007573	0.0394611	mg/L	0.00007573	0.19%
Cu 324.752	4395.0	0.0523474	mg/L	0.00041329	0.0523474	mg/L	0.00041329	0.79%
Fe 273.955	860793.7	73.5638	mg/L	0.05095	73.5638	mg/L	0.05095	0.07%
Pb 220.353	72.0	0.0269763	mg/L	0.00144280	0.0269763	mg/L	0.00144280	5.35%
Mg 279.077	243451.8	22.4708	mg/L	0.03806	22.4708	mg/L	0.03806	0.17%
Mn 257.610	267033.8	0.833785	mg/L	0.0002938	0.833785	mg/L	0.0002938	0.04%
Mo 202.031	-30.8	0.0019367	mg/L	0.00043849	0.0019367	mg/L	0.00043849	22.64%
Ni 231.604	2788.3	0.0876397	mg/L	0.00014912	0.0876397	mg/L	0.00014912	0.17%
Se 196.026	-60.7	0.0032828	mg/L	0.00213736	0.0032828	mg/L	0.00213736	65.11%
Ag 328.068	-24.4	-0.0000749	mg/L	0.00123882	-0.0000749	mg/L	0.00123882	>999.9%
Na 330.237	-624.1	-0.228571	mg/L	0.0303545	-0.228571	mg/L	0.0303545	13.28%
Tl 190.801	-97.5	-0.0116627	mg/L	0.00098511	-0.0116627	mg/L	0.00098511	8.45%
Sn 189.927	138.6	0.0214376	mg/L	0.00051958	0.0214376	mg/L	0.00051958	2.42%
Ti 334.940	1336538.1	3.71029	mg/L	0.003749	3.71029	mg/L	0.003749	0.10%
V 292.402	17475.6	0.135560	mg/L	0.0004199	0.135560	mg/L	0.0004199	0.31%
Zn 206.200	10662.8	0.217683	mg/L	0.0001483	0.217683	mg/L	0.0001483	0.07%

Sequence No.: 33
Sample ID: 42868-004
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 2/25/2009 10:56:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-004

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1101273.3	65.4423	mg/L	0.06887	65.4423	mg/L	0.06887	0.11%
Sb 206.836	29.2	-0.0010080	mg/L	0.00136751	-0.0010080	mg/L	0.00136751	135.66%
As 188.979	-23.8	0.0169649	mg/L	0.00238093	0.0169649	mg/L	0.00238093	14.03%
Ba 233.527	34810.0	0.593257	mg/L	0.0082942	0.593257	mg/L	0.0082942	1.40%
Be 234.861	-1600.5	0.0031206	mg/L	0.00004149	0.0031206	mg/L	0.00004149	1.33%
Cd 226.502	1145.7	0.0022432	mg/L	0.00000368	0.0022432	mg/L	0.00000368	0.16%
Ca 315.887	2282388.1	38.1056	mg/L	0.06119	38.1056	mg/L	0.06119	0.16%
Cr 206.158	3105.6	0.125421	mg/L	0.0004569	0.125421	mg/L	0.0004569	0.36%
Co 228.616	1963.3	0.0515961	mg/L	0.00013150	0.0515961	mg/L	0.00013150	0.25%
Cu 324.752	13364.0	0.148553	mg/L	0.0033847	0.148553	mg/L	0.0033847	2.28%
Fe 273.955	1310286.6	111.985	mg/L	0.2209	111.985	mg/L	0.2209	0.20%
Pb 220.353	1441.8	0.470813	mg/L	0.0008669	0.470813	mg/L	0.0008669	0.18%
Mg 279.077	411512.9	37.9830	mg/L	0.66181	37.9830	mg/L	0.66181	1.74%
Mn 257.610	654272.2	2.04290	mg/L	0.002416	2.04290	mg/L	0.002416	0.12%
Mo 202.031	-50.6	0.0033365	mg/L	0.00051698	0.0033365	mg/L	0.00051698	15.49%
Ni 231.604	3315.3	0.0947809	mg/L	0.00019903	0.0947809	mg/L	0.00019903	0.21%
Se 196.026	-106.7	0.0003713	mg/L	0.00254832	0.0003713	mg/L	0.00254832	686.38%
Ag 328.068	4.8	0.0005859	mg/L	0.00036101	0.0005859	mg/L	0.00036101	61.61%
Na 330.237	-504.3	-0.0837685	mg/L	0.01566123	-0.0837685	mg/L	0.01566123	18.70%
Tl 190.801	-123.9	-0.0117248	mg/L	0.00102897	-0.0117248	mg/L	0.00102897	8.78%
Sn 189.927	286.4	0.0486496	mg/L	0.00055458	0.0486496	mg/L	0.00055458	1.14%
Ti 334.940	1798416.3	4.99248	mg/L	0.009993	4.99248	mg/L	0.009993	0.20%
V 292.402	20626.7	0.156941	mg/L	0.0020577	0.156941	mg/L	0.0020577	1.31%
Zn 206.200	16818.8	0.345675	mg/L	0.0017313	0.345675	mg/L	0.0017313	0.50%

Sequence No.: 34
Sample ID: 42868-005
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 2/25/2009 10:59:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-005

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1462978.6	86.9410	mg/L	1.54615	86.9410	mg/L	1.54615	1.78%
Sb 206.836	34.5	0.0010046	mg/L	0.00346707	0.0010046	mg/L	0.00346707	345.12%
As 188.979	-30.2	0.0102187	mg/L	0.00203041	0.0102187	mg/L	0.00203041	19.87%
Ba 233.527	43799.9	0.746375	mg/L	0.0132515	0.746375	mg/L	0.0132515	1.78%
Be 234.861	-712.6	0.0040626	mg/L	0.00011417	0.0040626	mg/L	0.00011417	2.81%
Cd 226.502	936.2	0.0017072	mg/L	0.00009721	0.0017072	mg/L	0.00009721	5.69%
Ca 315.887	948445.9	15.6301	mg/L	0.29105	15.6301	mg/L	0.29105	1.86%
Cr 206.158	6664.5	0.269326	mg/L	0.0018041	0.269326	mg/L	0.0018041	0.67%
Co 228.616	1805.8	0.0472678	mg/L	0.00024174	0.0472678	mg/L	0.00024174	0.51%
Cu 324.752	6340.5	0.0738022	mg/L	0.00084747	0.0738022	mg/L	0.00084747	1.15%
Fe 273.955	1083534.8	92.6031	mg/L	1.81383	92.6031	mg/L	1.81383	1.96%
Pb 220.353	126.9	0.0481987	mg/L	0.00131080	0.0481987	mg/L	0.00131080	2.72%
Mg 279.077	337041.6	31.1093	mg/L	0.59512	31.1093	mg/L	0.59512	1.91%
Mn 257.610	280458.0	0.875700	mg/L	0.0170446	0.875700	mg/L	0.0170446	1.95%
Mo 202.031	-49.1	0.0022757	mg/L	0.00000121	0.0022757	mg/L	0.00000121	0.05%
Ni 231.604	3908.5	0.126791	mg/L	0.0009618	0.126791	mg/L	0.0009618	0.76%
Se 196.026	-91.7	0.0001021	mg/L	0.00171881	0.0001021	mg/L	0.00171881	>999.9%
Ag 328.068	-156.9	-0.0010995	mg/L	0.00085136	-0.0010995	mg/L	0.00085136	77.43%
Na 330.237	-910.3	-0.574288	mg/L	0.0182775	-0.574288	mg/L	0.0182775	3.18%
Tl 190.801	-114.2	-0.0108078	mg/L	0.00166269	-0.0108078	mg/L	0.00166269	15.38%
Sn 189.927	153.7	0.0245966	mg/L	0.00067976	0.0245966	mg/L	0.00067976	2.76%
Ti 334.940	1648355.5	4.57590	mg/L	0.082854	4.57590	mg/L	0.082854	1.81%
V 292.402	23500.0	0.182532	mg/L	0.0028480	0.182532	mg/L	0.0028480	1.56%
Zn 206.200	15077.7	0.309475	mg/L	0.0033107	0.309475	mg/L	0.0033107	1.07%

Sequence No.: 35
Sample ID: ICSA V-59477
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 2/25/2009 11:02:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-59477

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	7381563.4	438.726	mg/L	1.1566	438.726	mg/L	1.1566	0.26%
QC value within limits for Al 308.215 Recovery = 87.75%								
Sb 206.836	37.2	-0.0113772	mg/L	0.00042119	-0.0113772	mg/L	0.00042119	3.70%
As 188.979	-3.6	0.0083836	mg/L	0.00088562	0.0083836	mg/L	0.00088562	10.56%
Ba 233.527	59.8	-0.0078495	mg/L	0.00040467	-0.0078495	mg/L	0.00040467	5.16%
Be 234.861	-3911.4	0.0014099	mg/L	0.00020333	0.0014099	mg/L	0.00020333	14.42%
Cd 226.502	1655.2	0.0018014	mg/L	0.00021947	0.0018014	mg/L	0.00021947	12.18%
Ca 315.887	27104102.2	456.324	mg/L	1.2651	456.324	mg/L	1.2651	0.28%
QC value within limits for Ca 315.887 Recovery = 91.26%								
Cr 206.158	86.0	-0.0004552	mg/L	0.00026428	-0.0004552	mg/L	0.00026428	58.06%
Co 228.616	109.0	0.0008647	mg/L	0.00013921	0.0008647	mg/L	0.00013921	16.10%
Cu 324.752	1253.4	0.0080581	mg/L	0.00082293	0.0080581	mg/L	0.00082293	10.21%
Fe 273.955	2039043.6	174.278	mg/L	2.2894	174.278	mg/L	2.2894	1.31%
QC value within limits for Fe 273.955 Recovery = 87.14%								
Pb 220.353	-172.7	-0.0090640	mg/L	0.00295162	-0.0090640	mg/L	0.00295162	32.56%
Mg 279.077	5172785.6	477.453	mg/L	1.3196	477.453	mg/L	1.3196	0.28%
QC value within limits for Mg 279.077 Recovery = 95.49%								
Mn 257.610	-586.3	-0.0018306	mg/L	0.00008505	-0.0018306	mg/L	0.00008505	4.65%
Mo 202.031	-185.0	0.0020921	mg/L	0.00030014	0.0020921	mg/L	0.00030014	14.35%
Ni 231.604	1173.8	-0.0232847	mg/L	0.00084244	-0.0232847	mg/L	0.00084244	3.62%
Se 196.026	-204.6	-0.0075900	mg/L	0.00314518	-0.0075900	mg/L	0.00314518	41.44%
Ag 328.068	-518.7	0.0021758	mg/L	0.00040633	0.0021758	mg/L	0.00040633	18.68%
Na 330.237	182.1	0.745297	mg/L	0.0099970	0.745297	mg/L	0.0099970	1.34%
Tl 190.801	-15.6	-0.0102309	mg/L	0.00038695	-0.0102309	mg/L	0.00038695	3.78%
Sn 189.927	13.4	0.0068843	mg/L	0.00020923	0.0068843	mg/L	0.00020923	3.04%
Ti 334.940	-314.6	-0.0008733	mg/L	0.00056766	-0.0008733	mg/L	0.00056766	65.00%
V 292.402	16633.0	0.0167594	mg/L	0.00005929	0.0167594	mg/L	0.00005929	0.35%
Zn 206.200	173.2	-0.0003921	mg/L	0.00029753	-0.0003921	mg/L	0.00029753	75.88%

All analyte(s) passed QC.

Sequence No.: 36
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/25/2009 11:06:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	7498854.8	445.697	mg/L	1.2354	445.697	mg/L	1.2354	0.28%
QC value within limits for Al 308.215 Recovery = 89.14%								
Sb 206.836	1992.2	0.929362	mg/L	0.0359339	0.929362	mg/L	0.0359339	3.87%
QC value within limits for Sb 206.836 Recovery = 92.94%								
As 188.979	1713.8	0.948019	mg/L	0.0312364	0.948019	mg/L	0.0312364	3.29%
QC value within limits for As 188.979 Recovery = 94.80%								
Ba 233.527	27799.2	0.465818	mg/L	0.0112499	0.465818	mg/L	0.0112499	2.42%
QC value within limits for Ba 233.527 Recovery = 93.16%								
Be 234.861	193376.6	0.480030	mg/L	0.0107782	0.480030	mg/L	0.0107782	2.25%
QC value within limits for Be 234.861 Recovery = 96.01%								
Cd 226.502	68603.0	0.887101	mg/L	0.0209388	0.887101	mg/L	0.0209388	2.36%
QC value within limits for Cd 226.502 Recovery = 88.71%								
Ca 315.887	27554804.8	463.918	mg/L	1.2402	463.918	mg/L	1.2402	0.27%
QC value within limits for Ca 315.887 Recovery = 92.78%								
Cr 206.158	11169.9	0.457812	mg/L	0.0130137	0.457812	mg/L	0.0130137	2.84%
QC value within limits for Cr 206.158 Recovery = 91.56%								
Co 228.616	13040.4	0.445162	mg/L	0.0088519	0.445162	mg/L	0.0088519	1.99%
QC value within limits for Co 228.616 Recovery = 89.03%								
Cu 324.752	43846.8	0.460901	mg/L	0.0141841	0.460901	mg/L	0.0141841	3.08%
QC value within limits for Cu 324.752 Recovery = 92.18%								
Fe 273.955	2033216.5	173.779	mg/L	4.4016	173.779	mg/L	4.4016	2.53%
QC value within limits for Fe 273.955 Recovery = 86.89%								
Pb 220.353	2529.4	0.864972	mg/L	0.0120194	0.864972	mg/L	0.0120194	1.39%
QC value within limits for Pb 220.353 Recovery = 86.50%								
Mg 279.077	5271311.5	486.547	mg/L	1.9279	486.547	mg/L	1.9279	0.40%
QC value within limits for Mg 279.077 Recovery = 97.31%								
Mn 257.610	146774.3	0.458287	mg/L	0.0110677	0.458287	mg/L	0.0110677	2.42%
QC value within limits for Mn 257.610 Recovery = 91.66%								
Mo 202.031	-170.7	0.0035870	mg/L	0.00082972	0.0035870	mg/L	0.00082972	23.13%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	21677.1	0.834399	mg/L	0.0261195	0.834399	mg/L	0.0261195	3.13%
QC value within limits for Ni 231.604 Recovery = 83.44%								
Se 196.026	3273.8	0.890858	mg/L	0.0001038	0.890858	mg/L	0.0001038	0.01%
QC value within limits for Se 196.026 Recovery = 89.09%								
Ag 328.068	114724.0	0.973631	mg/L	0.0210058	0.973631	mg/L	0.0210058	2.16%
QC value within limits for Ag 328.068 Recovery = 97.36%								
Na 330.237	689.8	1.35856	mg/L	0.063015	1.35856	mg/L	0.063015	4.64%
QC value greater than the upper limit for Na 330.237 Recovery = Not calculated								
Tl 190.801	1901.1	0.873282	mg/L	0.0074910	0.873282	mg/L	0.0074910	0.86%
QC value within limits for Tl 190.801 Recovery = 87.33%								
Sn 189.927	34.2	0.0104415	mg/L	0.00194550	0.0104415	mg/L	0.00194550	18.63%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	-597.2	-0.0016578	mg/L	0.00000947	-0.0016578	mg/L	0.00000947	0.57%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	68762.2	0.443658	mg/L	0.0124605	0.443658	mg/L	0.0124605	2.81%
QC value within limits for V 292.402 Recovery = 88.73%								
Zn 206.200	43222.3	0.894638	mg/L	0.0271043	0.894638	mg/L	0.0271043	3.03%
QC value within limits for Zn 206.200 Recovery = 89.46%								

QC Failed. Continue with analysis.

Sequence No.: 37
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 2/25/2009 11:10:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	86901.7	5.15078	mg/L	0.064985	5.15078	mg/L	0.064985	1.26%
QC value within limits for Al 308.215 Recovery = 103.02%								
Sb 206.836	1050.0	0.510556	mg/L	0.0019419	0.510556	mg/L	0.0019419	0.38%
QC value within limits for Sb 206.836 Recovery = 102.11%								
As 188.979	936.2	0.511600	mg/L	0.0076971	0.511600	mg/L	0.0076971	1.50%
QC value within limits for As 188.979 Recovery = 102.32%								
Ba 233.527	29976.1	0.511909	mg/L	0.0030782	0.511909	mg/L	0.0030782	0.60%
QC value within limits for Ba 233.527 Recovery = 102.38%								
Be 234.861	202594.8	0.491842	mg/L	0.0036686	0.491842	mg/L	0.0036686	0.75%
QC value within limits for Be 234.861 Recovery = 98.37%								
Cd 226.502	37894.6	0.500493	mg/L	0.0042365	0.500493	mg/L	0.0042365	0.85%
QC value within limits for Cd 226.502 Recovery = 100.10%								
Ca 315.887	3075547.5	51.4694	mg/L	0.04704	51.4694	mg/L	0.04704	0.09%
QC value within limits for Ca 315.887 Recovery = 102.94%								
Cr 206.158	12565.5	0.510861	mg/L	0.0038059	0.510861	mg/L	0.0038059	0.75%
QC value within limits for Cr 206.158 Recovery = 102.17%								
Co 228.616	14967.3	0.510569	mg/L	0.0006765	0.510569	mg/L	0.0006765	0.13%
QC value within limits for Co 228.616 Recovery = 102.11%								
Cu 324.752	45814.0	0.488920	mg/L	0.0034274	0.488920	mg/L	0.0034274	0.70%
QC value within limits for Cu 324.752 Recovery = 97.78%								
Fe 273.955	59338.4	5.05745	mg/L	0.036566	5.05745	mg/L	0.036566	0.72%
QC value within limits for Fe 273.955 Recovery = 101.15%								
Pb 220.353	1597.2	0.515731	mg/L	0.0013333	0.515731	mg/L	0.0013333	0.26%
QC value within limits for Pb 220.353 Recovery = 103.15%								
Mg 279.077	557470.1	51.4550	mg/L	0.08539	51.4550	mg/L	0.08539	0.17%
QC value within limits for Mg 279.077 Recovery = 102.91%								
Mn 257.610	160201.8	0.500213	mg/L	0.0037962	0.500213	mg/L	0.0037962	0.76%
QC value within limits for Mn 257.610 Recovery = 100.04%								
Mo 202.031	5243.6	0.513156	mg/L	0.0001105	0.513156	mg/L	0.0001105	0.02%
QC value within limits for Mo 202.031 Recovery = 102.63%								
Ni 231.604	12213.5	0.509066	mg/L	0.0006455	0.509066	mg/L	0.0006455	0.13%
QC value within limits for Ni 231.604 Recovery = 101.81%								
Se 196.026	1919.6	0.497780	mg/L	0.0011157	0.497780	mg/L	0.0011157	0.22%
QC value within limits for Se 196.026 Recovery = 99.56%								
Ag 328.068	11647.6	0.0990430	mg/L	0.00161676	0.0990430	mg/L	0.00161676	1.63%
QC value within limits for Ag 328.068 Recovery = 99.04%								
Na 330.237	39366.7	48.0779	mg/L	0.27619	48.0779	mg/L	0.27619	0.57%
QC value within limits for Na 330.237 Recovery = 96.16%								
Tl 190.801	1161.7	0.537797	mg/L	0.0010617	0.537797	mg/L	0.0010617	0.20%
QC value within limits for Tl 190.801 Recovery = 107.56%								
Sn 189.927	3099.1	0.516988	mg/L	0.0020437	0.516988	mg/L	0.0020437	0.40%
QC value within limits for Sn 189.927 Recovery = 103.40%								
Ti 334.940	177388.1	0.492437	mg/L	0.0035473	0.492437	mg/L	0.0035473	0.72%
QC value within limits for Ti 334.940 Recovery = 98.49%								
V 292.402	60202.1	0.485608	mg/L	0.0041579	0.485608	mg/L	0.0041579	0.86%
QC value within limits for V 292.402 Recovery = 97.12%								
Zn 206.200	25000.9	0.515378	mg/L	0.0046555	0.515378	mg/L	0.0046555	0.90%
QC value within limits for Zn 206.200 Recovery = 103.08%								

All analyte(s) passed QC.

Sequence No.: 38 **Autosampler Location:** 1
Sample ID: CCB **Date Collected:** 2/25/2009 11:13:33 PM
Analyst: **Data Type:** Original
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	205.9	-0.0021884	mg/L	0.00033553	-0.0021884	mg/L	0.00033553	15.33%
QC value within limits for Al 308.215 Recovery = Not calculated								
Sb 206.836	0.7	-0.0004076	mg/L	0.00101668	-0.0004076	mg/L	0.00101668	249.42%
QC value within limits for Sb 206.836 Recovery = Not calculated								
As 188.979	6.0	0.0021974	mg/L	0.00101241	0.0021974	mg/L	0.00101241	46.07%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527	15.4	0.0002639	mg/L	0.00002479	0.0002639	mg/L	0.00002479	9.39%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 234.861	101.3	0.0002460	mg/L	0.00001783	0.0002460	mg/L	0.00001783	7.25%
QC value within limits for Be 234.861 Recovery = Not calculated								
Cd 226.502	10.9	0.0001434	mg/L	0.00001081	0.0001434	mg/L	0.00001081	7.54%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Ca 315.887	1711.1	-0.321312	mg/L	0.0033205	-0.321312	mg/L	0.0033205	1.03%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Cr 206.158	0.7	-0.0039011	mg/L	0.00008147	-0.0039011	mg/L	0.00008147	2.09%
QC value within limits for Cr 206.158 Recovery = Not calculated								
Co 228.616	2.1	-0.0027957	mg/L	0.00008054	-0.0027957	mg/L	0.00008054	2.88%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cu 324.752	415.4	0.0064591	mg/L	0.00033319	0.0064591	mg/L	0.00033319	5.16%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 273.955	211.9	0.0034671	mg/L	0.00284908	0.0034671	mg/L	0.00284908	82.17%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Pb 220.353	6.7	-0.0005592	mg/L	0.00240356	-0.0005592	mg/L	0.00240356	429.83%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Mg 279.077	319.7	0.0295059	mg/L	0.00478293	0.0295059	mg/L	0.00478293	16.21%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	26.3	0.0000822	mg/L	0.00000870	0.0000822	mg/L	0.00000870	10.58%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	6.0	-0.0015218	mg/L	0.00012572	-0.0015218	mg/L	0.00012572	8.26%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Ni 231.604	6.3	0.0002618	mg/L	0.00016332	0.0002618	mg/L	0.00016332	62.39%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Se 196.026	12.3	0.0039381	mg/L	0.00268280	0.0039381	mg/L	0.00268280	68.12%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068	39.6	0.0003288	mg/L	0.00050596	0.0003288	mg/L	0.00050596	153.87%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Na 330.237	0.5	0.525908	mg/L	0.0288354	0.525908	mg/L	0.0288354	5.48%
QC value within limits for Na 330.237 Recovery = Not calculated								
Tl 190.801	0.2	-0.0029074	mg/L	0.00067258	-0.0029074	mg/L	0.00067258	23.13%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Sn 189.927	13.2	-0.0016919	mg/L	0.00051057	-0.0016919	mg/L	0.00051057	30.18%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Ti 334.940	66.6	0.0001848	mg/L	0.00001618	0.0001848	mg/L	0.00001618	8.75%
QC value within limits for Ti 334.940 Recovery = Not calculated								
V 292.402	5.8	-0.0006900	mg/L	0.00010601	-0.0006900	mg/L	0.00010601	15.37%
QC value within limits for V 292.402 Recovery = Not calculated								
Zn 206.200	193.4	0.0000128	mg/L	0.00038131	0.0000128	mg/L	0.00038131	>999.9%
QC value within limits for Zn 206.200 Recovery = Not calculated								

All analyte(s) passed QC.

Data file: S9990DC Batch 9990 (1303)

2/26/09

Method Loaded
Method Name: PE 1 RADIAL
IEC File: IEC040908R.iec
Method Description: 200.7/SW846

Method Last Saved: 2/25/2009 3:03:24 PM
MSF File:

Sequence No.: 1
Sample ID: Calib Blank 1 V-61025
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/25/2009 11:15:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

2nd rev 2/26/09

Mean Data: Calib Blank 1 V-61025

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	10.7	2.97	27.74%	[0.00]	mg/L
Ca 315.887	-23.4	1.36	5.78%	[0.00]	mg/L
Fe 273.955	4.1	1.25	30.66%	[0.00]	mg/L
Mg 279.077	4.9	1.90	38.60%	[0.00]	mg/L
Mn 257.610	-8.1	1.50	18.52%	[0.00]	mg/L
K 766.490	161.1	29.89	18.55%	[0.00]	mg/L
Na 589.592	1068.1	17.17	1.61%	[0.00]	mg/L
Ti 334.940	14.5	1.96	13.53%	[0.00]	mg/L

9990

earth elements reported

MB[Fe] < 5% sample [Fe]

42875-001 (Al not reported)

Sequence No.: 2
Sample ID: Calib Std 1 V-60050
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 160
Date Collected: 2/25/2009 11:28:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 1 V-60050

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Al 308.215	0.9	0.80	92.57%	[0.1]	mg/L
Ca 315.887	165.2	4.82	2.91%	[1]	mg/L
Fe 273.955	1.2	0.70	58.01%	[0.1]	mg/L
Mg 279.077	23.6	2.02	8.56%	[1]	mg/L
Mn 257.610	1.2	0.33	28.49%	[0.01]	mg/L
K 766.490	2364.8	15.69	0.66%	[1]	mg/L
Na 589.592	6028.1	12.10	0.20%	[1]	mg/L
Ti 334.940	20.8	1.77	8.52%	[0.01]	mg/L

Sequence No.: 3
Sample ID: Calib Std 2 V-60254
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 2/25/2009 11:31:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 2 V-60254

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	190.8	3.27	1.71%	[5]	mg/L
Ca 315.887	7644.0	7.65	0.10%	[50]	mg/L
Fe 273.955	94.5	0.40	0.42%	[5]	mg/L
Mg 279.077	1165.2	12.22	1.05%	[50]	mg/L
Mn 257.610	156.8	2.16	1.38%	[0.5]	mg/L
K 766.490	126575.7	1338.09	1.06%	[50]	mg/L
Na 589.592	298795.9	3400.34	1.14%	[50]	mg/L
Ti 334.940	1030.5	16.31	1.58%	[0.5]	mg/L

Sequence No.: 4
Sample ID: Calib Std 3 V-60255
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 2/25/2009 11:33:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 3 V-60255

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Al 308.215	374.2	3.78	1.01%	[10]	mg/L
Ca 315.887	14991.4	276.40	1.84%	[100]	mg/L
Fe 273.955	192.3	0.48	0.25%	[10]	mg/L
Mg 279.077	2323.4	11.27	0.48%	[100]	mg/L
Mn 257.610	307.6	0.57	0.18%	[1.0]	mg/L
K 766.490	260614.0	1183.21	0.45%	[100]	mg/L
Na 589.592	592658.3	4069.97	0.69%	[100]	mg/L
Ti 334.940	2048.1	11.45	0.56%	[1.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Al 308.215	3	Lin, Calc Int	-0.6	37.64	0.00000	0.999906	
Ca 315.887	3	Lin, Calc Int	34.0	150.1	0.00000	0.999950	
Fe 273.955	3	Lin, Calc Int	-0.6	19.24	0.00000	0.999962	
Mg 279.077	3	Lin Thru 0	0.0	23.25	0.00000	0.999999	
Mn 257.610	3	Lin Thru 0	0.0	308.7	0.00000	0.999955	
K 766.490	3	Lin, Calc Int	-788.7	2601	0.00000	0.999893	
Na 589.592	3	Lin, Calc Int	495.0	5930	0.00000	0.999991	
Ti 334.940	3	Lin, Calc Int	1.3	2049	0.00000	0.999995	

Sequence No.: 5
Sample ID: ICS2 V-60254
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 2/25/2009 11:36:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS2 V-60254

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	189.1	5.03985	mg/L	0.040617	5.03985	mg/L	0.040617	0.81%
QC value within limits for Al 308.215 Recovery = 100.80%								
Ca 315.887	7764.0	51.4997	mg/L	0.16507	51.4997	mg/L	0.16507	0.32%
QC value within limits for Ca 315.887 Recovery = 103.00%								
Fe 273.955	97.6	5.10716	mg/L	0.107840	5.10716	mg/L	0.107840	2.11%
QC value within limits for Fe 273.955 Recovery = 102.14%								
Mg 279.077	1168.1	50.2438	mg/L	0.27939	50.2438	mg/L	0.27939	0.56%
QC value within limits for Mg 279.077 Recovery = 100.49%								
Mn 257.610	153.5	0.497240	mg/L	0.0102318	0.497240	mg/L	0.0102318	2.06%
QC value within limits for Mn 257.610 Recovery = 99.45%								
K 766.490	132725.7	51.3374	mg/L	0.29474	51.3374	mg/L	0.29474	0.57%
QC value within limits for K 766.490 Recovery = 102.67%								
Na 589.592	306778.6	51.6457	mg/L	0.33833	51.6457	mg/L	0.33833	0.66%
QC value within limits for Na 589.592 Recovery = 103.29%								
Ti 334.940	1027.2	0.501793	mg/L	0.0039300	0.501793	mg/L	0.0039300	0.78%
QC value within limits for Ti 334.940 Recovery = 100.36%								

All analyte(s) passed QC.

Sequence No.: 6
Sample ID: ICV V-60572 (2)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 159
Date Collected: 2/25/2009 11:39:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV V-60572 (2)

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	366.0	9.73993	mg/L	0.045951	9.73993	mg/L	0.045951	0.47%
QC value within limits for Al 308.215 Recovery = 97.40%								
Ca 315.887	14219.0	94.5054	mg/L	0.89686	94.5054	mg/L	0.89686	0.95%
QC value within limits for Ca 315.887 Recovery = 94.51%								
Fe 273.955	181.6	9.47522	mg/L	0.286904	9.47522	mg/L	0.286904	3.03%
QC value within limits for Fe 273.955 Recovery = 94.75%								
Mg 279.077	2213.6	95.2154	mg/L	0.20690	95.2154	mg/L	0.20690	0.22%
QC value within limits for Mg 279.077 Recovery = 95.22%								
Mn 257.610	291.3	0.943483	mg/L	0.0035858	0.943483	mg/L	0.0035858	0.38%
QC value within limits for Mn 257.610 Recovery = 94.35%								
K 766.490	252748.0	97.4870	mg/L	0.75077	97.4870	mg/L	0.75077	0.77%
QC value within limits for K 766.490 Recovery = 97.49%								
Na 589.592	580738.0	97.8408	mg/L	0.93004	97.8408	mg/L	0.93004	0.95%
QC value within limits for Na 589.592 Recovery = 97.84%								
Ti 334.940	1937.6	0.947056	mg/L	0.0001621	0.947056	mg/L	0.0001621	0.02%
QC value within limits for Ti 334.940 Recovery = 94.71%								

All analyte(s) passed QC.

Sequence No.: 7
Sample ID: ICB V-61025
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/25/2009 11:42:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB V-61025

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	-1.5	-0.0239957	mg/L	0.07655107	-0.0239957	mg/L	0.07655107	319.02%
QC value within limits for Al 308.215 Recovery = Not calculated								
Ca 315.887	2.7	-0.208506	mg/L	0.0091470	-0.208506	mg/L	0.0091470	4.39%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Fe 273.955	-0.3	0.0177922	mg/L	0.04665733	0.0177922	mg/L	0.04665733	262.23%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Mg 279.077	-0.8	-0.0363269	mg/L	0.10612096	-0.0363269	mg/L	0.10612096	292.13%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	0.5	0.0014725	mg/L	0.00334504	0.0014725	mg/L	0.00334504	227.17%
QC value within limits for Mn 257.610 Recovery = Not calculated								
K 766.490	2628.7	1.31401	mg/L	0.050788	1.31401	mg/L	0.050788	3.87%
QC value within limits for K 766.490 Recovery = Not calculated								
Na 589.592	2820.5	0.392121	mg/L	0.0726323	0.392121	mg/L	0.0726323	18.52%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ti 334.940	-0.7	-0.0009850	mg/L	0.00046097	-0.0009850	mg/L	0.00046097	46.80%
QC value within limits for Ti 334.940 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 8
Sample ID: ICSA V-59477
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 2/25/2009 11:45:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-59477

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	17811.0	473.196	mg/L	0.4806	473.196	mg/L	0.4806	0.10%
QC value within limits for Al 308.215 Recovery = 94.64%								
Ca 315.887	69168.7	460.597	mg/L	0.6455	460.597	mg/L	0.6455	0.14%
QC value within limits for Ca 315.887 Recovery = 92.12%								
Fe 273.955	3397.3	176.632	mg/L	1.3807	176.632	mg/L	1.3807	0.78%
QC value within limits for Fe 273.955 Recovery = 88.32%								
Mg 279.077	11170.2	480.479	mg/L	2.7358	480.479	mg/L	2.7358	0.57%
QC value within limits for Mg 279.077 Recovery = 96.10%								
Mn 257.610	1.7	0.0055760	mg/L	0.00623016	0.0055760	mg/L	0.00623016	111.73%
K 766.490	2664.9	1.32791	mg/L	0.051386	1.32791	mg/L	0.051386	3.87%
Na 589.592	2466.2	0.332370	mg/L	0.0095729	0.332370	mg/L	0.0095729	2.88%
Ti 334.940	-22.3	-0.0012315	mg/L	0.00168412	-0.0012315	mg/L	0.00168412	136.75%

All analyte(s) passed QC.

Sequence No.: 9
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/25/2009 11:48:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	18076.3	480.246	mg/L	0.8220	480.246	mg/L	0.8220	0.17%
QC value within limits for Al 308.215 Recovery = 96.05%								
Ca 315.887	70316.7	468.245	mg/L	1.5555	468.245	mg/L	1.5555	0.33%
QC value within limits for Ca 315.887 Recovery = 93.65%								
Fe 273.955	3438.4	178.770	mg/L	0.6061	178.770	mg/L	0.6061	0.34%
QC value within limits for Fe 273.955 Recovery = 89.38%								
Mg 279.077	11384.0	489.673	mg/L	1.3439	489.673	mg/L	1.3439	0.27%
QC value within limits for Mg 279.077 Recovery = 97.93%								
Mn 257.610	142.2	0.460473	mg/L	0.0046142	0.460473	mg/L	0.0046142	1.00%
QC value within limits for Mn 257.610 Recovery = 92.09%								
K 766.490	1598.3	0.917814	mg/L	0.0160884	0.917814	mg/L	0.0160884	1.75%
Na 589.592	1781.7	0.216965	mg/L	0.0025417	0.216965	mg/L	0.0025417	1.17%
Ti 334.940	-18.5	0.0007692	mg/L	0.00130063	0.0007692	mg/L	0.00130063	169.10%

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: MB 9990
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 32
Date Collected: 2/25/2009 11:52:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 9990

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	1.7	0.0633754	mg/L	0.01474507	0.0633754	mg/L	0.01474507	23.27%
Ca 315.887	20.1	-0.0926292	mg/L	0.05126646	-0.0926292	mg/L	0.05126646	55.35%
Fe 273.955	38.5	2.03249	mg/L	0.050389	2.03249	mg/L	0.050389	2.48%
Mg 279.077	2.7	0.115215	mg/L	0.0193269	0.115215	mg/L	0.0193269	16.77%
Mn 257.610	1.3	0.0040887	mg/L	0.00636109	0.0040887	mg/L	0.00636109	155.58%
K 766.490	-53.4	0.282706	mg/L	0.0805612	0.282706	mg/L	0.0805612	28.50%
Na 589.592	896.6	0.0677169	mg/L	0.00414515	0.0677169	mg/L	0.00414515	6.12%
Ti 334.940	4.0	0.0013283	mg/L	0.00305798	0.0013283	mg/L	0.00305798	230.22%

Sequence No.: 11
Sample ID: LCS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 33
Date Collected: 2/25/2009 11:55:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	2992.3	79.5131	mg/L	0.11120	79.5131	mg/L	0.11120	0.14%
Ca 315.887	14658.9	97.4361	mg/L	0.21910	97.4361	mg/L	0.21910	0.22%
Fe 273.955	3042.8	158.205	mg/L	0.0308	158.205	mg/L	0.0308	0.02%
Mg 279.077	850.1	36.5666	mg/L	0.30723	36.5666	mg/L	0.30723	0.84%
Mn 257.610	1633.0	5.28924	mg/L	0.005754	5.28924	mg/L	0.005754	0.11%
K 766.490	98857.3	38.3147	mg/L	0.68731	38.3147	mg/L	0.68731	1.79%
Na 589.592	61751.6	10.3291	mg/L	0.14476	10.3291	mg/L	0.14476	1.40%
Ti 334.940	7601.9	3.71147	mg/L	0.005236	3.71147	mg/L	0.005236	0.14%

Sequence No.: 12
Sample ID: LCS MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 2/25/2009 11:57:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	3059.2	81.2904	mg/L	0.12207	81.2904	mg/L	0.12207	0.15%
Ca 315.887	14638.1	97.2971	mg/L	0.09837	97.2971	mg/L	0.09837	0.10%
Fe 273.955	3239.6	168.433	mg/L	0.3401	168.433	mg/L	0.3401	0.20%
Mg 279.077	871.5	37.4868	mg/L	0.23775	37.4868	mg/L	0.23775	0.63%
Mn 257.610	1707.6	5.53066	mg/L	0.007484	5.53066	mg/L	0.007484	0.14%
K 766.490	101241.8	39.2316	mg/L	0.66377	39.2316	mg/L	0.66377	1.69%
Na 589.592	62152.9	10.3968	mg/L	0.15661	10.3968	mg/L	0.15661	1.51%
Ti 334.940	7806.6	3.81139	mg/L	0.007941	3.81139	mg/L	0.007941	0.21%

Sequence No.: 13
Sample ID: 42880-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 2/26/2009 12:00:43 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	1232.2	32.7514	mg/L	0.02421	32.7514	mg/L	0.02421	0.07%
Ca 315.887	5225.3	34.5862	mg/L	0.09052	34.5862	mg/L	0.09052	0.26%
Fe 273.955	5444.4	283.045	mg/L	0.4047	283.045	mg/L	0.4047	0.14%
Mg 279.077	274.2	11.7939	mg/L	0.02866	11.7939	mg/L	0.02866	0.24%
Mn 257.610	359.7	1.16501	mg/L	0.010608	1.16501	mg/L	0.010608	0.91%
K 766.490	18056.2	7.24602	mg/L	0.242235	7.24602	mg/L	0.242235	3.34%
Na 589.592	15620.2	2.55042	mg/L	0.065519	2.55042	mg/L	0.065519	2.57%
Ti 334.940	5949.4	2.90361	mg/L	0.005694	2.90361	mg/L	0.005694	0.20%

Sequence No.: 14
Sample ID: 42880-001 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 36
Date Collected: 2/26/2009 12:04:20 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1376.9	36.5958	mg/L	0.17105	36.5958	mg/L	0.17105	0.47%
Ca 315.887	6393.2	42.3673	mg/L	0.17457	42.3673	mg/L	0.17457	0.41%
Fe 273.955	6032.5	313.618	mg/L	0.7319	313.618	mg/L	0.7319	0.23%
Mg 279.077	344.3	14.8080	mg/L	0.07179	14.8080	mg/L	0.07179	0.48%
Mn 257.610	348.3	1.12813	mg/L	0.003443	1.12813	mg/L	0.003443	0.31%
K 766.490	21096.9	8.41519	mg/L	0.048997	8.41519	mg/L	0.048997	0.58%
Na 589.592	16360.5	2.67524	mg/L	0.007904	2.67524	mg/L	0.007904	0.30%
Ti 334.940	6752.8	3.29584	mg/L	0.018942	3.29584	mg/L	0.018942	0.57%

Sequence No.: 15
Sample ID: 42880-001 MS 1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 2/26/2009 12:07:59 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 MS 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1790.7	47.5913	mg/L	0.08296	47.5913	mg/L	0.08296	0.17%
Ca 315.887	13140.3	87.3188	mg/L	2.03581	87.3188	mg/L	2.03581	2.33%
Fe 273.955	6179.3	321.247	mg/L	0.7614	321.247	mg/L	0.7614	0.24%
Mg 279.077	1534.9	66.0216	mg/L	0.09747	66.0216	mg/L	0.09747	0.15%
Mn 257.610	505.5	1.63725	mg/L	0.016069	1.63725	mg/L	0.016069	0.98%
K 766.490	151007.5	58.3669	mg/L	1.42221	58.3669	mg/L	1.42221	2.44%
Na 589.592	317118.6	53.3892	mg/L	1.39633	53.3892	mg/L	1.39633	2.62%
Ti 334.940	9106.9	4.44576	mg/L	0.088994	4.44576	mg/L	0.088994	2.00%

Sequence No.: 16
Sample ID: 42880-001 MS 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 2/26/2009 12:11:37 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 MS 2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1647.3	43.7797	mg/L	0.16022	43.7797	mg/L	0.16022	0.37%
Ca 315.887	17757.7	118.081	mg/L	0.1447	118.081	mg/L	0.1447	0.12%
Fe 273.955	6178.7	321.217	mg/L	0.6838	321.217	mg/L	0.6838	0.21%
Mg 279.077	1456.5	62.6502	mg/L	0.33042	62.6502	mg/L	0.33042	0.53%
Mn 257.610	548.7	1.77717	mg/L	0.004879	1.77717	mg/L	0.004879	0.27%
K 766.490	146548.7	56.6525	mg/L	0.09986	56.6525	mg/L	0.09986	0.18%
Na 589.592	308599.0	51.9526	mg/L	0.11942	51.9526	mg/L	0.11942	0.23%
Ti 334.940	7753.6	3.78597	mg/L	0.004058	3.78597	mg/L	0.004058	0.11%

Sequence No.: 17
Sample ID: 42880-001 PS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 2/26/2009 12:15:16 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 PS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1342.2	35.6757	mg/L	0.16673	35.6757	mg/L	0.16673	0.47%
Ca 315.887	12434.7	82.6174	mg/L	2.99269	82.6174	mg/L	2.99269	3.62%
Fe 273.955	5265.3	273.734	mg/L	0.5699	273.734	mg/L	0.5699	0.21%
Mg 279.077	1447.9	62.2793	mg/L	0.01859	62.2793	mg/L	0.01859	0.03%
Mn 257.610	493.8	1.59928	mg/L	0.005107	1.59928	mg/L	0.005107	0.32%
K 766.490	150486.0	58.1664	mg/L	2.19039	58.1664	mg/L	2.19039	3.77%
Na 589.592	325829.4	54.8580	mg/L	2.24414	54.8580	mg/L	2.24414	4.09%
Ti 334.940	6694.5	3.26830	mg/L	0.004900	3.26830	mg/L	0.004900	0.15%

Sequence No.: 18
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/26/2009 12:18:55 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	197.8	5.27190	mg/L	0.149583	5.27190	mg/L	0.149583	2.84%
QC value within limits for Al 308.215 Recovery = 105.44%								
Ca 315.887	7750.9	51.4126	mg/L	0.01990	51.4126	mg/L	0.01990	0.04%
QC value within limits for Ca 315.887 Recovery = 102.83%								
Fe 273.955	96.6	5.05706	mg/L	0.143792	5.05706	mg/L	0.143792	2.84%
QC value within limits for Fe 273.955 Recovery = 101.14%								
Mg 279.077	1192.9	51.3097	mg/L	0.35580	51.3097	mg/L	0.35580	0.69%
QC value within limits for Mg 279.077 Recovery = 102.62%								
Mn 257.610	155.4	0.503208	mg/L	0.0022008	0.503208	mg/L	0.0022008	0.44%
QC value within limits for Mn 257.610 Recovery = 100.64%								
K 766.490	137748.4	53.2687	mg/L	0.57022	53.2687	mg/L	0.57022	1.07%
QC value within limits for K 766.490 Recovery = 106.54%								
Na 589.592	317826.6	53.5086	mg/L	0.69118	53.5086	mg/L	0.69118	1.29%
QC value within limits for Na 589.592 Recovery = 107.02%								
Ti 334.940	1051.8	0.513793	mg/L	0.0038790	0.513793	mg/L	0.0038790	0.75%
QC value within limits for Ti 334.940 Recovery = 102.76%								

All analyte(s) passed QC.

Sequence No.: 19
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 2/26/2009 12:21:48 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	-2.8	-0.0583878	mg/L	0.00287711	-0.0583878	mg/L	0.00287711	4.93%
QC value within limits for Al 308.215 Recovery = Not calculated								
Ca 315.887	7.3	-0.177267	mg/L	0.0049556	-0.177267	mg/L	0.0049556	2.80%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Fe 273.955	-2.0	-0.0691913	mg/L	0.03074965	-0.0691913	mg/L	0.03074965	44.44%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Mg 279.077	-1.5	-0.0660674	mg/L	0.08012376	-0.0660674	mg/L	0.08012376	121.28%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	-2.0	-0.0066161	mg/L	0.00151682	-0.0066161	mg/L	0.00151682	22.93%
QC value within limits for Mn 257.610 Recovery = Not calculated								
K 766.490	1726.1	0.966939	mg/L	0.0543972	0.966939	mg/L	0.0543972	5.63%
QC value within limits for K 766.490 Recovery = Not calculated								
Na 589.592	1760.7	0.213422	mg/L	0.0438893	0.213422	mg/L	0.0438893	20.56%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ti 334.940	0.9	-0.0002056	mg/L	0.00111976	-0.0002056	mg/L	0.00111976	544.60%
QC value within limits for Ti 334.940 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 20
Sample ID: 42880-001 SD
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 2/26/2009 12:24:38 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42880-001 SD

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	252.1	6.71579	mg/L	0.099072	6.71579	mg/L	0.099072	1.48%
Ca 315.887	1053.4	6.79164	mg/L	0.034075	6.79164	mg/L	0.034075	0.50%
Fe 273.955	1085.5	56.4584	mg/L	0.02062	56.4584	mg/L	0.02062	0.04%
Mg 279.077	54.0	2.32439	mg/L	0.055225	2.32439	mg/L	0.055225	2.38%
Mn 257.610	73.2	0.237100	mg/L	0.0040456	0.237100	mg/L	0.0040456	1.71%
K 766.490	4126.4	1.88989	mg/L	0.067497	1.88989	mg/L	0.067497	3.57%
Na 589.592	3610.1	0.525267	mg/L	0.0023927	0.525267	mg/L	0.0023927	0.46%
Ti 334.940	1190.9	0.580724	mg/L	0.0002399	0.580724	mg/L	0.0002399	0.04%

Sequence No.: 21
Sample ID: 42868-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 2/26/2009 12:27:20 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-001

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	3423.9	90.9796	mg/L	0.52343	90.9796	mg/L	0.52343	0.58%
Ca 315.887	1202.9	7.78768	mg/L	0.019744	7.78768	mg/L	0.019744	0.25%
Fe 273.955	2679.0	139.292	mg/L	0.2945	139.292	mg/L	0.2945	0.21%
Mg 279.077	609.1	26.2010	mg/L	0.09338	26.2010	mg/L	0.09338	0.36%
Mn 257.610	636.8	2.06242	mg/L	0.010404	2.06242	mg/L	0.010404	0.50%
K 766.490	13482.2	5.48726	mg/L	0.107642	5.48726	mg/L	0.107642	1.96%
Na 589.592	9410.5	1.50333	mg/L	0.043489	1.50333	mg/L	0.043489	2.89%
Ti 334.940	7869.6	3.84012	mg/L	0.023792	3.84012	mg/L	0.023792	0.62%

Sequence No.: 22
Sample ID: 42868-002
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 2/26/2009 12:30:04 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-002

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	3933.3	104.512	mg/L	2.2116	104.512	mg/L	2.2116	2.12%
Ca 315.887	1610.4	10.5025	mg/L	0.02877	10.5025	mg/L	0.02877	0.27%
Fe 273.955	2275.7	118.331	mg/L	0.2767	118.331	mg/L	0.2767	0.23%
Mg 279.077	653.5	28.1101	mg/L	0.09563	28.1101	mg/L	0.09563	0.34%
Mn 257.610	272.2	0.881757	mg/L	0.0013650	0.881757	mg/L	0.0013650	0.15%
K 766.490	13729.3	5.58227	mg/L	0.075991	5.58227	mg/L	0.075991	1.36%
Na 589.592	4980.3	0.756305	mg/L	0.0169153	0.756305	mg/L	0.0169153	2.24%
Ti 334.940	14365.7	7.01046	mg/L	0.108186	7.01046	mg/L	0.108186	1.54%

Sequence No.: 23
Sample ID: 42868-003
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 2/26/2009 12:32:48 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-003

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	2013.1	53.4987	mg/L	0.22169	53.4987	mg/L	0.22169	0.41%
Ca 315.887	1347.4	8.75038	mg/L	0.066474	8.75038	mg/L	0.066474	0.76%
Fe 273.955	1344.3	69.9105	mg/L	0.72043	69.9105	mg/L	0.72043	1.03%
Mg 279.077	499.2	21.4724	mg/L	0.23502	21.4724	mg/L	0.23502	1.09%
Mn 257.610	244.6	0.792244	mg/L	0.0019205	0.792244	mg/L	0.0019205	0.24%
K 766.490	12534.9	5.12303	mg/L	0.001023	5.12303	mg/L	0.001023	0.02%
Na 589.592	5676.0	0.873617	mg/L	0.0489356	0.873617	mg/L	0.0489356	5.60%
Ti 334.940	7613.2	3.71501	mg/L	0.070989	3.71501	mg/L	0.070989	1.91%

Sequence No.: 24
Sample ID: 42868-004
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 2/26/2009 12:35:33 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-004

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	2340.7	62.2006	mg/L	0.17814	62.2006	mg/L	0.17814	0.29%
Ca 315.887	5365.6	35.5210	mg/L	0.11644	35.5210	mg/L	0.11644	0.33%
Fe 273.955	2030.2	105.567	mg/L	0.1797	105.567	mg/L	0.1797	0.17%
Mg 279.077	843.0	36.2599	mg/L	0.09449	36.2599	mg/L	0.09449	0.26%
Mn 257.610	593.6	1.92276	mg/L	0.005889	1.92276	mg/L	0.005889	0.31%
K 766.490	37399.5	14.6837	mg/L	0.31730	14.6837	mg/L	0.31730	2.16%
Na 589.592	9120.5	1.45443	mg/L	0.039868	1.45443	mg/L	0.039868	2.74%
Ti 334.940	10040.8	4.90036	mg/L	0.119448	4.90036	mg/L	0.119448	2.44%

Sequence No.: 25
Sample ID: 42868-005
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 2/26/2009 12:38:19 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-005

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	3136.7	83.3487	mg/L	1.40160	83.3487	mg/L	1.40160	1.68%
Ca 315.887	2205.0	14.4643	mg/L	0.00406	14.4643	mg/L	0.00406	0.03%
Fe 273.955	1661.4	86.3981	mg/L	0.33903	86.3981	mg/L	0.33903	0.39%
Mg 279.077	676.1	29.0837	mg/L	0.11213	29.0837	mg/L	0.11213	0.39%
Mn 257.610	251.9	0.815769	mg/L	0.0000647	0.815769	mg/L	0.0000647	0.01%
K 766.490	15956.5	6.43867	mg/L	0.126216	6.43867	mg/L	0.126216	1.96%
Na 589.592	5073.9	0.772091	mg/L	0.0194977	0.772091	mg/L	0.0194977	2.53%
Ti 334.940	9169.5	4.47464	mg/L	0.085139	4.47464	mg/L	0.085139	1.90%

Sequence No.: 26
Sample ID: ICSA V-59477
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 2/26/2009 12:41:05 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-59477

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	17649.1	468.896	mg/L	4.2098	468.896	mg/L	4.2098	0.90%
QC value within limits for Al 308.215 Recovery = 93.78%								
Ca 315.887	68620.0	456.941	mg/L	5.2246	456.941	mg/L	5.2246	1.14%
QC value within limits for Ca 315.887 Recovery = 91.39%								
Fe 273.955	3283.6	170.721	mg/L	0.9497	170.721	mg/L	0.9497	0.56%
QC value within limits for Fe 273.955 Recovery = 85.36%								
Mg 279.077	11004.5	473.352	mg/L	5.4962	473.352	mg/L	5.4962	1.16%
QC value within limits for Mg 279.077 Recovery = 94.67%								
Mn 257.610	3.7	0.0119826	mg/L	0.00177555	0.0119826	mg/L	0.00177555	14.82%
K 766.490	1051.8	0.707693	mg/L	0.0144256	0.707693	mg/L	0.0144256	2.04%
Na 589.592	1015.8	0.0878154	mg/L	0.00057540	0.0878154	mg/L	0.00057540	0.66%
Ti 334.940	-18.3	0.0006229	mg/L	0.00081993	0.0006229	mg/L	0.00081993	131.63%

All analyte(s) passed QC.

Sequence No.: 27
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/26/2009 12:44:42 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	17510.1	465.204	mg/L	9.4322	465.204	mg/L	9.4322	2.03%
QC value within limits for Al 308.215 Recovery = 93.04%								
Ca 315.887	68105.6	453.514	mg/L	7.4320	453.514	mg/L	7.4320	1.64%
QC value within limits for Ca 315.887 Recovery = 90.70%								
Fe 273.955	3321.8	172.706	mg/L	1.9388	172.706	mg/L	1.9388	1.12%
QC value within limits for Fe 273.955 Recovery = 86.35%								
Mg 279.077	11014.9	473.799	mg/L	8.8069	473.799	mg/L	8.8069	1.86%
QC value within limits for Mg 279.077 Recovery = 94.76%								
Mn 257.610	136.3	0.441623	mg/L	0.0097045	0.441623	mg/L	0.0097045	2.20%
QC value within limits for Mn 257.610 Recovery = 88.32%								
K 766.490	1082.1	0.719332	mg/L	0.0115499	0.719332	mg/L	0.0115499	1.61%
Na 589.592	1041.4	0.0921255	mg/L	0.01080378	0.0921255	mg/L	0.01080378	11.73%
Ti 334.940	-19.5	-0.0000099	mg/L	0.00091974	-0.0000099	mg/L	0.00091974	>999.9%

All analyte(s) passed QC.

Sequence No.: 28
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/26/2009 12:48:21 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	195.3	5.20427	mg/L	0.132473	5.20427	mg/L	0.132473	2.55%
QC value within limits for Al 308.215 Recovery = 104.09%								
Ca 315.887	7523.0	49.8940	mg/L	1.16726	49.8940	mg/L	1.16726	2.34%
QC value within limits for Ca 315.887 Recovery = 99.79%								
Fe 273.955	93.5	4.89463	mg/L	0.035904	4.89463	mg/L	0.035904	0.73%
QC value within limits for Fe 273.955 Recovery = 97.89%								
Mg 279.077	1167.9	50.2343	mg/L	0.11542	50.2343	mg/L	0.11542	0.23%
QC value within limits for Mg 279.077 Recovery = 100.47%								
Mn 257.610	154.2	0.499433	mg/L	0.0011963	0.499433	mg/L	0.0011963	0.24%
QC value within limits for Mn 257.610 Recovery = 99.89%								
K 766.490	134800.9	52.1353	mg/L	0.05088	52.1353	mg/L	0.05088	0.10%
QC value within limits for K 766.490 Recovery = 104.27%								
Na 589.592	311856.4	52.5019	mg/L	0.08495	52.5019	mg/L	0.08495	0.16%
QC value within limits for Na 589.592 Recovery = 105.00%								
Ti 334.940	1030.5	0.503370	mg/L	0.0013961	0.503370	mg/L	0.0013961	0.28%
QC value within limits for Ti 334.940 Recovery = 100.67%								

All analyte(s) passed QC.

Sequence No.: 29
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/26/2009 12:51:14 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	-0.9	-0.0062352	mg/L	0.01051651	-0.0062352	mg/L	0.01051651	168.66%
QC value within limits for Al 308.215 Recovery = Not calculated								
Ca 315.887	6.6	-0.182006	mg/L	0.0291215	-0.182006	mg/L	0.0291215	16.00%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Fe 273.955	0.7	0.0682103	mg/L	0.05156958	0.0682103	mg/L	0.05156958	75.60%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Mg 279.077	-1.5	-0.0643984	mg/L	0.11523434	-0.0643984	mg/L	0.11523434	178.94%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	-0.0	-0.0000950	mg/L	0.00374398	-0.0000950	mg/L	0.00374398	>999.9%
QC value within limits for Mn 257.610 Recovery = Not calculated								
K 766.490	686.3	0.567156	mg/L	0.0449068	0.567156	mg/L	0.0449068	7.92%
QC value within limits for K 766.490 Recovery = Not calculated								
Na 589.592	1120.9	0.105528	mg/L	0.0365549	0.105528	mg/L	0.0365549	34.64%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ti 334.940	3.3	0.0009720	mg/L	0.00097650	0.0009720	mg/L	0.00097650	100.46%
QC value within limits for Ti 334.940 Recovery = Not calculated								

All analyte(s) passed QC.

Method: HgCV1 SOIL (7471A) Page 1 Date: 2/26/2009 10:12:30 AM

1st Run Analysis 2/26/09 V-61539

Analysis Begun

Logged In Analyst: johns Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550 Autosampler Model: AS-91

2/26/09

Sample Information File: C:\data-AA\johns\Sample Information\H9990S.sif
Batch ID: H9990S
Results Data Set: H9990S
Results Library: C:\data-AA\johns\Results\Results.mdb

Method Loaded
Method Name: HgCV1 SOIL (7471A) Method Last Saved: 2/15/2008 9:16:32 AM
Method Description: HgCV1 SOIL (7471A)

Sequence No.: 1 Autosampler Location: 1
Sample ID: Calibration Blank Date Collected: 2/26/2009 10:06:55 AM
Analyst: Data Type: Original

Replicate Data: Calibration Blank

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0002	0.0006	0.0002	10:07:54	No
2		[0.00]	0.0002	0.0009	0.0002	10:08:28	No
Mean:		[0.00]	0.0002				
SD:		0.00	0.0000				
%RSD:		0.00	3.31				

Auto-zero performed.

Sequence No.: 2 Autosampler Location: 2
Sample ID: .2 PPB Date Collected: 2/26/2009 10:08:29 AM
Analyst: Data Type: Original

Replicate Data: .2 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.0027	0.0112	0.0029	10:09:26	No
2		[0.2]	0.0027	0.0109	0.0030	10:09:59	No
Mean:		[0.2]	0.0027				
SD:		0.0	0.0000				
%RSD:		0.0	1.33				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.01359 Intercept: 0.00000

Sequence No.: 3 Autosampler Location: 3
Sample ID: .5 PPB Date Collected: 2/26/2009 10:10:00 AM
Analyst: Data Type: Original

Replicate Data: .5 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.0050	0.0201	0.0053	10:10:57	No
2		[0.5]	0.0049	0.0179	0.0052	10:11:30	No
Mean:		[0.5]	0.0050				
SD:		0.0	0.0001				
%RSD:		0.0	1.54				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.986255 Slope: 0.00980 Intercept: 0.00028

Sequence No.: 4 Autosampler Location: 4
Sample ID: 1 PPB Date Collected: 2/26/2009 10:11:31 AM
Analyst: Data Type: Original

Replicate Data: 1 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	[1]	0.0077	0.0315	0.0079	10:12:29	No
2	[1]	0.0078	0.0312	0.0080	10:13:02	No
Mean:	[1]	0.0078				
SD:	0	0.0000				
%RSD:	0	0.61				

Standard number 3 applied. [1]
Correlation Coef.: 0.980701 Slope: 0.00744 Intercept: 0.00070

Sequence No.: 5 Autosampler Location: 5
Sample ID: 2 PPB Date Collected: 2/26/2009 10:13:04 AM
Analyst: Data Type: Original

Replicate Data: 2 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2]	0.0168	0.0656	0.0170	10:14:00	No
2		[2]	0.0168	0.0651	0.0171	10:14:34	No
Mean:		[2]	0.0168				
SD:		0	0.0001				
%RSD:		0	0.31				

Standard number 4 applied. [2]
Correlation Coef.: 0.995451 Slope: 0.00804 Intercept: 0.00050

Sequence No.: 6 Autosampler Location: 6
Sample ID: 5 PPB Date Collected: 2/26/2009 10:14:35 AM
Analyst: Data Type: Original

Replicate Data: 5 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5]	0.0398	0.1540	0.0400	10:15:32	No
2		[5]	0.0392	0.1524	0.0394	10:16:06	No
Mean:		[5]	0.0395				
SD:		0	0.0004				
%RSD:		0	1.10				

Standard number 5 applied. [5]
Correlation Coef.: 0.999215 Slope: 0.00779 Intercept: 0.00066

Sequence No.: 7 Autosampler Location: 7
Sample ID: 10 PPB Date Collected: 2/26/2009 10:16:07 AM
Analyst: Data Type: Original

Replicate Data: 10 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10]	0.0767	0.2992	0.0769	10:17:04	No
2		[10]	0.0771	0.2975	0.0773	10:17:37	No
Mean:		[10]	0.0769				
SD:		0	0.0003				
%RSD:		0	0.34				

Standard number 6 applied. [10]
Correlation Coef.: 0.999760 Slope: 0.00764 Intercept: 0.00083

Sequence No.: 8 Autosampler Location: 8
Sample ID: 25 PPB Date Collected: 2/26/2009 10:17:39 AM
Analyst: Data Type: Original

Replicate Data: 25 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[25]	0.1878	0.7309	0.1880	10:18:36	No
2		[25]	0.1889	0.7351	0.1892	10:19:09	No
Mean:		[25]	0.1884				
SD:		0	0.0008				
%RSD:		0	0.42				

Standard number 7 applied. [25]
Correlation Coef.: 0.999935 Slope: 0.00751 Intercept: 0.00111

Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Calibration Blank	0.0000	0	-0.147	0.00	3.3
.2 PPB	0.0027	0.2	0.215	0.00	1.3
.5 PPB	0.0050	0.5	0.518	0.00	1.5
1 PPB	0.0078	1.0	0.885	0.00	0.6
2 PPB	0.0168	2.0	2.090	0.00	0.3
5 PPB	0.0395	5.0	5.111	0.00	1.1
10 PPB	0.0769	10.0	10.090	0.00	0.3
25 PPB	0.1884	25.0	24.939	0.00	0.4

Correlation Coef.: 0.999935 Slope: 0.00751 Intercept: 0.00111

Sequence No.: 9 Autosampler Location: 10
Sample ID: ICV (2) Date Collected: 2/26/2009 10:19:11 AM
Analyst: Data Type: Original

Replicate Data: ICV (2)

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	19.59	19.59	0.1482	0.5752	0.1484	10:20:10	No
2	19.57	19.57	0.1481	0.5742	0.1483	10:20:43	No
Mean:	19.58	19.58	0.1481				
SD:	0.009	0.009	0.0001				
%RSD:	0.048	0.048	0.05				

QC value within limits for Hg 253.7 Recovery = 97.91%
All analyte(s) passed QC.

Sequence No.: 10 Autosampler Location: 1
Sample ID: ICB Date Collected: 2/26/2009 10:20:45 AM
Analyst: Data Type: Original

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.156	-0.156	-0.0001	-0.0001	0.0002	10:21:42	No
2	-0.147	-0.147	-0.0000	0.0008	0.0002	10:22:15	No
Mean:	-0.152	-0.152	-0.0000				
SD:	0.006	0.006	0.0000				
%RSD:	4.093	4.093	139.35				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 11 Autosampler Location: 11
Sample ID: MB 9990 (167) Date Collected: 2/26/2009 10:22:17 AM
Analyst: Data Type: Original

Replicate Data: MB 9990 (167)

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.159	-0.159	-0.0001	0.0007	0.0001	10:23:15	No
2	-0.162	-0.162	-0.0001	0.0004	0.0001	10:23:48	No
Mean:	-0.161	-0.161	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	1.057	1.057	12.66				

Sequence No.: 12 Autosampler Location: 12
Sample ID: LCS Date Collected: 2/26/2009 10:23:50 AM
Analyst: Data Type: Original

Replicate Data: LCS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	49.21	49.21	0.3707	1.4833	0.3709	10:24:47	No
	Sample concentration is greater than that of the highest standard.						
2	49.42	49.42	0.3722	1.4831	0.3724	10:25:20	No

Sample concentration is greater than that of the highest standard.

Mean:	49.32	49.32	0.3714
SD:	0.144	0.144	0.0011
%RSD:	0.293	0.293	0.29

Sample concentration is greater than that of the highest standard.

Sequence No.: 13 **Autosampler Location: 13**
Sample ID: LCS MR **Date Collected: 2/26/2009 10:25:22 AM**
Analyst: **Data Type: Original**

Replicate Data: LCS MR

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	45.59	45.59	0.3434	1.3636	0.3437	10:26:19	No
	Sample concentration is greater than that of the highest standard.						
2	45.72	45.72	0.3444	1.3643	0.3446	10:26:53	No
	Sample concentration is greater than that of the highest standard.						
Mean:	45.65	45.65	0.3439				
SD:	0.091	0.091	0.0007				
%RSD:	0.199	0.199	0.20				

Sample concentration is greater than that of the highest standard.

Sequence No.: 14 **Autosampler Location: 14**
Sample ID: LCS 4D **Date Collected: 2/26/2009 10:26:54 AM**
Analyst: **Data Type: Original**

Replicate Data: LCS 4D

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.71	10.71	0.0816	0.3226	0.0818	10:27:51	No
2	10.61	10.61	0.0808	0.3192	0.0810	10:28:24	No
Mean:	10.66	10.66	0.0812				
SD:	0.076	0.076	0.0006				
%RSD:	0.709	0.709	0.70				

Sequence No.: 15 **Autosampler Location: 15**
Sample ID: LCS MR 4D **Date Collected: 2/26/2009 10:28:26 AM**
Analyst: **Data Type: Original**

Replicate Data: LCS MR 4D

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.782	9.782	0.0746	0.2938	0.0748	10:29:23	No
2	9.866	9.866	0.0752	0.2942	0.0754	10:29:57	No
Mean:	9.824	9.824	0.0749				
SD:	0.059	0.059	0.0004				
%RSD:	0.602	0.602	0.59				

Sequence No.: 16 **Autosampler Location: 16**
Sample ID: 42880-001 **Date Collected: 2/26/2009 10:29:58 AM**
Analyst: **Data Type: Original**

Replicate Data: 42880-001

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	8.431	8.431	0.0644	0.2461	0.0646	10:30:55	No
2	8.386	8.386	0.0641	0.2442	0.0643	10:31:28	No
Mean:	8.408	8.408	0.0642				
SD:	0.032	0.032	0.0002				
%RSD:	0.377	0.377	0.37				

Sequence No.: 17 **Autosampler Location: 17**
Sample ID: 42880-001 MR **Date Collected: 2/26/2009 10:31:30 AM**
Analyst: **Data Type: Original**

Replicate Data: 42880-001 MR

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.799	5.799	0.0447	0.1706	0.0449	10:32:26	No
2	5.871	5.871	0.0452	0.1730	0.0454	10:33:00	No
Mean:	5.835	5.835	0.0449				
SD:	0.051	0.051	0.0004				
%RSD:	0.879	0.879	0.86				

Sequence No.: 18
Sample ID: 42880-001 MS 1
Analyst:
Autosampler Location: 18
Date Collected: 2/26/2009 10:33:01 AM
Data Type: Original

Replicate Data: 42880-001 MS 1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	26.72	26.72	0.2018	0.7865	0.2020	10:33:58	No
2	26.67	26.67	0.2014	0.7819	0.2016	10:34:32	No
Mean:	26.70	26.70	0.2016				
SD:	0.040	0.040	0.0003				
%RSD:	0.149	0.149	0.15				

Sequence No.: 19
Sample ID: 42880-001 MS 2
Analyst:
Autosampler Location: 19
Date Collected: 2/26/2009 10:34:33 AM
Data Type: Original

Replicate Data: 42880-001 MS 2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	13.28	13.28	0.1008	0.3884	0.1010	10:35:34	No
2	13.07	13.07	0.0993	0.3812	0.0995	10:36:07	No
Mean:	13.18	13.18	0.1000				
SD:	0.147	0.147	0.0011				
%RSD:	1.113	1.113	1.10				

Sequence No.: 20
Sample ID: 42875-001
Analyst:
Autosampler Location: 20
Date Collected: 2/26/2009 10:36:09 AM
Data Type: Original

Replicate Data: 42875-001

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.613	0.613	0.0057	0.0218	0.0059	10:37:06	No
2	0.628	0.628	0.0058	0.0227	0.0060	10:37:39	No
Mean:	0.620	0.620	0.0058				
SD:	0.011	0.011	0.0001				
%RSD:	1.711	1.711	1.38				

Sequence No.: 21
Sample ID: CCV
Analyst:
Autosampler Location: 9
Date Collected: 2/26/2009 10:37:41 AM
Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.959	9.959	0.0759	0.2920	0.0761	10:38:39	No
2	9.947	9.947	0.0758	0.2905	0.0760	10:39:12	No
Mean:	9.953	9.953	0.0758				
SD:	0.009	0.009	0.0001				
%RSD:	0.089	0.089	0.09				

QC value within limits for Hg 253.7 Recovery = 99.53%
All analyte(s) passed QC.

Sequence No.: 22
Sample ID: CCB
Analyst:
Autosampler Location: 1
Date Collected: 2/26/2009 10:39:13 AM
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.149	-0.149	-0.0000	-0.0000	0.0002	10:40:11	No
2	-0.150	-0.150	-0.0000	0.0004	0.0002	10:40:44	No
Mean:	-0.149	-0.149	-0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	0.521	0.521	35.27				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 23 Autosampler Location: 21
Sample ID: 42868-001 Date Collected: 2/26/2009 10:40:45 AM
Analyst: Data Type: Original

Replicate Data: 42868-001

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.099	-0.099	0.0004	0.0015	0.0006	10:41:44	No
2	-0.104	-0.104	0.0003	0.0019	0.0006	10:42:17	No
Mean:	-0.102	-0.102	0.0003				
SD:	0.003	0.003	0.0000				
%RSD:	3.417	3.417	7.58				

Sequence No.: 24 Autosampler Location: 22
Sample ID: 42868-002 Date Collected: 2/26/2009 10:42:19 AM
Analyst: Data Type: Original

Replicate Data: 42868-002

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.086	-0.086	0.0005	0.0024	0.0007	10:43:16	No
2	-0.089	-0.089	0.0004	0.0023	0.0007	10:43:49	No
Mean:	-0.088	-0.088	0.0004				
SD:	0.002	0.002	0.0000				
%RSD:	2.075	2.075	3.06				

Sequence No.: 25 Autosampler Location: 23
Sample ID: 42868-003 Date Collected: 2/26/2009 10:43:50 AM
Analyst: Data Type: Original

Replicate Data: 42868-003

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.105	0.105	0.0019	0.0083	0.0021	10:44:47	No
2	0.096	0.096	0.0018	0.0075	0.0020	10:45:21	No
Mean:	0.100	0.100	0.0019				
SD:	0.007	0.007	0.0001				
%RSD:	6.642	6.642	2.69				

Sequence No.: 26 Autosampler Location: 24
Sample ID: 42868-004 Date Collected: 2/26/2009 10:45:22 AM
Analyst: Data Type: Original

Replicate Data: 42868-004

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.657	0.657	0.0060	0.0228	0.0063	10:46:18	No
2	0.641	0.641	0.0059	0.0229	0.0061	10:46:51	No
Mean:	0.649	0.649	0.0060				
SD:	0.011	0.011	0.0001				
%RSD:	1.769	1.769	1.44				

Sequence No.: 27 Autosampler Location: 25
Sample ID: 42868-005 Date Collected: 2/26/2009 10:46:53 AM
Analyst: Data Type: Original

Replicate Data: 42868-005

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.076	-0.076	0.0005	0.0026	0.0008	10:47:50	No
2	-0.081	-0.081	0.0005	0.0025	0.0007	10:48:24	No
Mean:	-0.079	-0.079	0.0005				
SD:	0.003	0.003	0.0000				
%RSD:	4.226	4.226	4.87				

Sequence No.: 28 Autosampler Location: 26
Sample ID: 42880-001 2D Date Collected: 2/26/2009 10:48:25 AM
Analyst: Data Type: Original

Replicate Data: 42880-001 2D

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.072	4.072	0.0317	0.1228	0.0319	10:49:22	No
2	4.071	4.071	0.0317	0.1224	0.0319	10:49:55	No
Mean:	4.072	4.072	0.0317				
SD:	0.000	0.000	0.0000				
%RSD:	0.007	0.007	0.01				

Sequence No.: 29 Autosampler Location: 27
Sample ID: 42880-001 MR 2D Date Collected: 2/26/2009 10:49:56 AM
Analyst: Data Type: Original

Replicate Data: 42880-001 MR 2D

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.352	2.352	0.0188	0.0724	0.0190	10:50:54	No
2	2.363	2.363	0.0189	0.0730	0.0191	10:51:27	No
Mean:	2.357	2.357	0.0188				
SD:	0.008	0.008	0.0001				
%RSD:	0.343	0.343	0.32				

Sequence No.: 30 Autosampler Location: 28
Sample ID: 42880-001 MS 1 2D Date Collected: 2/26/2009 10:51:28 AM
Analyst: Data Type: Original

Replicate Data: 42880-001 MS 1 2D

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	12.70	12.70	0.0965	0.3747	0.0967	10:52:28	No
2	12.70	12.70	0.0965	0.3742	0.0967	10:53:01	No
Mean:	12.70	12.70	0.0965				
SD:	0.005	0.005	0.0000				
%RSD:	0.038	0.038	0.04				

Sequence No.: 31 Autosampler Location: 29
Sample ID: 42880-001 MS 2 2D Date Collected: 2/26/2009 10:53:03 AM
Analyst: Data Type: Original

Replicate Data: 42880-001 MS 2 2D

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.444	6.444	0.0495	0.1899	0.0497	10:54:00	No
2	6.365	6.365	0.0489	0.1880	0.0491	10:54:34	No
Mean:	6.404	6.404	0.0492				
SD:	0.056	0.056	0.0004				
%RSD:	0.873	0.873	0.85				

Sequence No.: 32 Autosampler Location: 9
Sample ID: CCV Date Collected: 2/26/2009 10:54:35 AM
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.979	9.979	0.0760	0.2898	0.0763	10:55:33	No
2	9.998	9.998	0.0762	0.2907	0.0764	10:56:06	No
Mean:	9.989	9.989	0.0761				
SD:	0.014	0.014	0.0001				
%RSD:	0.138	0.138	0.14				

QC value within limits for Hg 253.7 Recovery = 99.89%
All analyte(s) passed QC.

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Sequence No.: 33 Autosampler Location: 1
Sample ID: CCB Date Collected: 2/26/2009 10:56:08 AM
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.145	-0.145	0.0000	0.0005	0.0002	10:57:05	No
2	-0.145	-0.145	0.0000	0.0008	0.0002	10:57:38	No
Mean:	-0.145	-0.145	0.0000				
SD:	0.000	0.000	0.0000				
%RSD:	0.232	0.232	14.39				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Run Log

Data File: W:\METALS.FRM\ICPDATA\PeIcp2\A9987C2.txt **Instrument:** PEICP2

Analysis Date: 02/26/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1 V-61025	1	CAL	09:54	1						
Calib 1 V 59532	1	CAL	09:58	2						
Calib 2 V-60050	1	CAL	10:01	3						
Calib 3 V-60254	1	CAL	10:04	4						
Calib 4 V-60255	1	CAL	10:07	5						
ICS3 V-60255	1	ICS	10:12	6						
ICV V-60572 (2)	1	ICV	10:17	7						
ICB V-61025	1	ICB	10:21	8						
ICSA V-60052	1	ICSA	10:24	9						
ICSAB V-61024	1	ICSAB	10:29	10						
MB 9987 (0.5)	1	MB	10:34	11		AQUEO	AQUEO	EPA600	9987	
LCSW	1	LCS	10:37	12		AQUEO	AQUEO	EPA600	9987	
LCSW MR	1	LCS	10:41	13		AQUEO	AQUEO	EPA600	9987	
AC42818-001	1	SMP	10:44	14	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42818-001	1	MR	10:47	15	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42818-001	1	MS	10:50	16	PB-WATER	AQUEO	AQUEO	EPA600	9987	
CCV V-60256	1	CCV	10:54	17						
CCB	1	CCB	10:57	18						
AC42818-001	1	MS	11:00	19	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42818-001	1	PS	11:03	20	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42818-001	5	SD	11:08	21	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42818-002	1	SMP	11:11	22	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42818-003	1	SMP	11:14	23	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42869-001	1	SMP	11:17	24	PPMETALS-W	AQUEO	AQUEO	EPA600	9987	
AC42869-002	1	SMP	11:21	25	PPMETALS-W	AQUEO	AQUEO	EPA600	9987	
AC42869-002	2	SMP	11:25	26	PPMETALS-W	AQUEO	AQUEO	EPA600	9987	
ICSA V-60052	1	ICSA	11:30	27						
ICSAB V-61024	1	ICSAB	11:35	28						
CCV V-60256	1	CCV	11:40	29						
CCB	1	CCB	11:43	30						
AC42869-003	1	SMP	11:46	31	PPMETALS-W	AQUEO	AQUEO	EPA600	9987	
AC42869-004	1	SMP	11:50	32	PPMETALS-W	AQUEO	AQUEO	EPA600	9987	
AC42869-004	2	SMP	11:55	33	PPMETALS-W	AQUEO	AQUEO	EPA600	9987	
AC42868-006	1	SMP	12:00	34	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
AC42869-004	4	SMP	12:03	35	PPMETALS-W	AQUEO	AQUEO	EPA600	9987	
AC42868-007	1	SMP	12:08	36	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
AC42868-009	1	SMP	12:12	37	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
AC42868-010	1	SMP	12:15	38	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
CCV V-60256	1	CCV	12:18	39						
CCB	1	CCB	12:22	40						
AC42868-012	1	SMP	12:25	41	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
AC42868-013	1	SMP	12:28	42	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
ICSA V-60052	1	ICSA	12:31	43						
ICSAB V-61024	1	ICSAB	12:36	44						
CCV V-60256	1	CCV	12:41	45						
CCB	1	CCB	12:44	46						

AM 3/3/09

CB 03-03-09

2126109

Run Log

Data File: W:\METALS.FRM\ICPDATA\PeIcpRad2\A9987B2.txt **Instrument:** PEICPRAD2

Analysis Date: 02/25/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1 V-61025	1	CAL	19:42	1						
Calib 1 V-60050	1	CAL	19:55	2						
Calib 2 V-60254	1	CAL	19:58	3						
Calib 3 V-60255	1	CAL	20:01	4						
ICS3 V-60255	1	ICS	20:03	5						
ICV V-60572 (2)	1	ICV	20:06	6						
ICB V-61025	1	ICB	20:08	7						
ICSA V-60052	1	ICSA	20:11	8						
ICSAB V-61024	1	ICSAB	20:15	9						
MB 9987 (0.5)	1	MB	20:19	10		AQUEO	AQUEO	EPA600	9987	
LCSW	1	LCS	20:22	11		AQUEO	AQUEO	EPA600	9987	
LCSW MR	1	LCS	20:25	12		AQUEO	AQUEO	EPA600	9987	
AC42818-001	1	SMP	20:28	13	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42818-001	1	MR	20:31	14	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42818-001	1	MS	20:34	15	PB-WATER	AQUEO	AQUEO	EPA600	9987	
CCV V-60256	1	CCV	20:37	16						
CCB	1	CCB	20:40	17						DMS 3/3/09
AC42818-001	1	MS	20:43	18	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42818-001	1	PS	20:46	19	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42818-001	5	SD	20:49	20	PB-WATER	AQUEO	AQUEO	EPA600	9987	
AC42868-006	1	SMP	20:52	21	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
AC42868-007	1	SMP	20:55	22	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
AC42868-009	1	SMP	20:58	23	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
AC42868-010	1	SMP	21:01	24	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
AC42868-012	1	SMP	21:04	25	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
ICSA V-60052	1	ICSA	21:07	26						
ICSAB V-61024	1	ICSAB	21:11	27						
CCV V-60256	1	CCV	21:14	28						
CCB	1	CCB	21:17	29						
AC42868-013	1	SMP	21:20	30	METALS-TAL-W	AQUEO	AQUEO	EPA600	9987	
ICSA V-60052	1	ICSA	21:23	31						
ICSAB V-61024	1	ICSAB	21:27	32						
CCV V-60256	1	CCV	21:30	33						
CCB	1	CCB	21:33	34						

GB 03-03-09

2/26/09

Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCv1\H9987A.txt **Instrument:** HGCV1

Analysis Date: 02/26/09 **Standard/Batch/SnCl2 Lot #:** V-61539

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calibration Blank	1	CAL	14:38	1						
.2 PPB	1	CAL	14:40	2						
.5 PPB	1	CAL	14:41	3						
1 PPB	1	CAL	14:43	4						
2 PPB	1	CAL	14:44	5						
5 PPB	1	CAL	14:46	6						
10 PPB	1	CAL	14:48	7						
25 PPB	1	CAL	14:49	8						
ICV (2)	1	ICV	14:51	9						
ICB	1	ICB	14:53	10						
MB 9987 (1)	1	MB	14:54	11		AQUEO	AQUEO	EPA600	9987	
LCSW	1	LCS	14:56	12		AQUEO	AQUEO	EPA600	9987	
LCSW MR	1	LCS	14:57	13		AQUEO	AQUEO	EPA600	9987	
AC42869-001	1	SMP	14:59	14	HG-WATER	AQUEO	AQUEO	EPA600	9987	
AC42869-001	1	MR	15:01	15	HG-WATER	AQUEO	AQUEO	EPA600	9987	
AC42869-001	1	MS	15:02	16	HG-WATER	AQUEO	AQUEO	EPA600	9987	
AC42869-001	1	MS	15:04	17	HG-WATER	AQUEO	AQUEO	EPA600	9987	
AC42869-002	1	SMP	15:05	18	HG-WATER	AQUEO	AQUEO	EPA600	9987	
AC42869-003	1	SMP	15:07	19	HG-WATER	AQUEO	AQUEO	EPA600	9987	
AC42869-004	1	SMP	15:09	20	HG-WATER	AQUEO	AQUEO	EPA600	9987	
CCV	1	CCV	15:10	21						
CCB	1	CCB	15:12	22						
AC42868-006	1	SMP	15:13	23	HG-WATER	AQUEO	AQUEO	EPA600	9987	
AC42868-007	1	SMP	15:15	24	HG-WATER	AQUEO	AQUEO	EPA600	9987	
AC42868-009	1	SMP	15:17	25	HG-WATER	AQUEO	AQUEO	EPA600	9987	
AC42868-010	1	SMP	15:18	26	HG-WATER	AQUEO	AQUEO	EPA600	9987	
AC42868-012	1	SMP	15:20	27	HG-WATER	AQUEO	AQUEO	EPA600	9987	
AC42868-013	1	SMP	15:22	28	HG-WATER	AQUEO	AQUEO	EPA600	9987	
CCV	1	CCV	15:23	29						
CCB	1	CCB	15:25	30						

2/26/09

2/26/09

2/26/09

Method: PE2 AXIAL File A9987C2 Page 1 Batch 9987 600H2O Date: 2/26/2009 1:39:14 PM

Analyst [signature] 2/26/09

Reprocessing Begun
Logged In Analyst: shiamala Technique: ICP Continuous

Results Data Set (original): A9987C2
Results Library (original): C:\pe\administrator\Results\Results.mdb
Results Data Set (reprocessed):
Results Library (reprocessed):

Reprinted Data.

Sequence No.: 1 Autosampler Location: 1
Sample ID: Calib Blank 1 V-61025 Date Collected: 2/26/2009 9:54:46 AM
Analyst: Data Type: Reprocessed on 2/26/2009 1:39:13 PM
Logged In Analyst (Original) : shiamala
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

[signature] 2/26/09

Mean Data: Calib Blank 1 V-61025

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1153068.1	13600.11	1.18%	100	%
Yittrium	438262.1	4448.92	1.02%	100	%
Aluminumt	16687.5	117.55	0.70%	[0.00]	mg/L
Antimonyt	85.6	1.97	2.30%	[0.00]	mg/L
Arsenict	34.4	5.11	14.88%	[0.00]	mg/L
Bariumt	-671.1	3.55	0.53%	[0.00]	mg/L
Berylliumt	-3957.6	34.44	0.87%	[0.00]	mg/L
Cadmiumt	673.9	10.86	1.61%	[0.00]	mg/L
Calciumt	-103436.0	529.74	0.51%	[0.00]	mg/L
Chromiumt	1200.2	21.92	1.83%	[0.00]	mg/L
Cobaltt	95.0	11.65	12.27%	[0.00]	mg/L
Coppert	1562.6	34.79	2.23%	[0.00]	mg/L
Iront	-3843.8	68.45	1.78%	[0.00]	mg/L
Leadt	-54.0	9.51	17.59%	[0.00]	mg/L
Magnesiumt	-10471.1	84.45	0.81%	[0.00]	mg/L
Manganeset	-3853.3	42.99	1.12%	[0.00]	mg/L
Molybdenumt	-42.2	10.84	25.65%	[0.00]	mg/L
Nickelt	587.5	20.34	3.46%	[0.00]	mg/L
Potassiumt	2213.9	43.72	1.97%	[0.00]	mg/L
Seleniumt	10.3	15.82	152.98%	[0.00]	mg/L
Silvert	-296.0	94.46	31.92%	[0.00]	mg/L
Sodiumt	-1265.4	124.64	9.85%	[0.00]	mg/L
Thalliumt	-79.1	13.96	17.64%	[0.00]	mg/L
Tint	22.9	4.76	20.82%	[0.00]	mg/L
Titaniumt	518.5	100.40	19.36%	[0.00]	mg/L
Vanadiumt	8566.8	46.21	0.54%	[0.00]	mg/L
Zinct	-900.7	10.28	1.14%	[0.00]	mg/L

(9987)

all elements reported except Na, K

42869-002 2D for As, Pb, Se
42869-004 2D for all

Sequence No.: 2
Sample ID: Calib 1 V 59532
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 2/26/2009 9:58:22 AM
Data Type: Reprocessed on 2/26/2009 1:39:14 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 1 V 59532

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1169431.1	22272.57	1.90%	101	%
Yittrium	441618.1	7202.82	1.63%	101	%
Arsenic†	8.4	0.66	7.84%	[0.005]	mg/L
Berylliumt	11615.9	182.11	1.57%	[0.003]	mg/L
Cadmiumt	208.5	24.40	11.70%	[0.003]	mg/L
Leadt	88.3	4.10	4.64%	[0.004]	mg/L
Thalliumt	10.2	5.60	55.17%	[0.005]	mg/L

Sequence No.: 3
Sample ID: Calib 2 V-60050
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 2/26/2009 10:01:27 AM
Data Type: Reprocessed on 2/26/2009 1:39:15 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 2 V-60050

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1143147.9	6185.74	0.54%	99.1	%
Yittrium	431628.3	2532.28	0.59%	98.5	%
Aluminumt	2945.5	190.61	6.47%	[0.1]	mg/L
Antimonyt	43.1	7.35	17.06%	[0.01]	mg/L
Arsenict	16.6	4.76	28.59%	[0.01]	mg/L
Bariumt	1841.1	10.10	0.55%	[0.01]	mg/L
Berylliumt	36274.8	761.79	2.10%	[0.01]	mg/L
Cadmiumt	701.2	21.83	3.11%	[0.01]	mg/L
Calciumt	138047.2	2155.77	1.56%	[1]	mg/L
Chromiumt	1226.3	29.56	2.41%	[0.01]	mg/L
Cobaltt	581.9	26.43	4.54%	[0.01]	mg/L
Coppert	1473.1	63.63	4.32%	[0.01]	mg/L
Iront	2530.7	2.37	0.09%	[0.1]	mg/L
Leadt	184.9	5.29	2.86%	[0.01]	mg/L
Magnesiumt	26006.9	545.42	2.10%	[1]	mg/L
Manganeset	6926.4	89.05	1.29%	[0.01]	mg/L
Molybdenumt	199.0	18.69	9.39%	[0.01]	mg/L
Nickelt	713.1	3.16	0.44%	[0.01]	mg/L
Potassiumt	-60.6	43.75	72.14%	[1]	mg/L
No calibration curve because standard intensity and concentration values are not in the same order.					
Seleniumt	17.3	6.65	38.48%	[0.01]	mg/L
Silvert	486.6	134.60	27.66%	[0.002]	mg/L
Sodiumt	931.8	77.05	8.27%	[1]	mg/L
Thalliumt	21.7	6.46	29.72%	[0.01]	mg/L
Tint	53.0	3.18	5.99%	[0.01]	mg/L
Titaniumt	7172.7	107.40	1.50%	[0.01]	mg/L
Vanadiumt	1727.6	132.01	7.64%	[0.01]	mg/L
Zinct	539.7	4.50	0.83%	[0.01]	mg/L

Sequence No.: 4
Sample ID: Calib 3 V-60254
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 2/26/2009 10:04:35 AM
Data Type: Reprocessed on 2/26/2009 1:39:16 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 3 V-60254

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1133014.9	1516.08	0.13%	98.3	%
Yittrium	419428.4	2788.60	0.66%	95.7	%
Aluminumt	136131.3	328.11	0.24%	[5]	mg/L
Antimonyt	1768.2	1.38	0.08%	[0.5]	mg/L
Arsenict	1099.4	13.22	1.20%	[0.5]	mg/L
Bariumt	88763.6	465.21	0.52%	[0.5]	mg/L
Berylliumt	1810388.5	35382.02	1.95%	[0.5]	mg/L
Cadmiumt	34265.5	165.94	0.48%	[0.5]	mg/L
Calciumt	6678815.9	129078.59	1.93%	[50]	mg/L
Chromiumt	57745.8	341.71	0.59%	[0.5]	mg/L
Cobaltt	28364.2	66.18	0.23%	[0.5]	mg/L
Coppert	77586.7	641.43	0.83%	[0.5]	mg/L
Iront	122389.6	2058.77	1.68%	[5]	mg/L
Leadt	8289.2	21.80	0.26%	[0.5]	mg/L
Magnesiumt	1240015.7	21849.47	1.76%	[50]	mg/L
Manganeset	325883.9	2770.28	0.85%	[0.5]	mg/L
Molybdenumt	9590.4	377.51	3.94%	[0.5]	mg/L
Nickelt	34494.4	175.16	0.51%	[0.5]	mg/L
Potassiumt	3951.5	14.44	0.37%	[50]	mg/L
No calibration curve because standard intensity and concentration values are not in the same order.					
Seleniumt	1049.7	11.78	1.12%	[0.5]	mg/L
Silvert	24719.1	168.72	0.68%	[0.1]	mg/L
Sodiumt	49114.6	138.47	0.28%	[50]	mg/L
Thalliumt	1137.4	15.97	1.40%	[0.5]	mg/L
Tint	2914.8	14.27	0.49%	[0.5]	mg/L
Titaniumt	357834.3	2086.54	0.58%	[0.5]	mg/L
Vanadiumt	88123.3	533.85	0.61%	[0.5]	mg/L
Zinct	23398.5	77.62	0.33%	[0.5]	mg/L

Sequence No.: 5
Sample ID: Calib 4 V-60255
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 2/26/2009 10:07:55 AM
Data Type: Reprocessed on 2/26/2009 1:39:17 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 4 V-60255

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1101553.0	3624.58	0.33%	95.5	%
Yittrium	409757.1	1529.78	0.37%	93.5	%
Aluminumt	282005.4	1729.64	0.61%	[10]	mg/L
Antimonyt	3637.4	46.66	1.28%	[1.0]	mg/L
Arsenict	2274.7	38.92	1.71%	[1.0]	mg/L
Bariumt	179064.5	719.14	0.40%	[1.0]	mg/L
Berylliumt	3670990.1	68530.28	1.87%	[1]	mg/L
Cadmiumt	69936.5	420.90	0.60%	[1.0]	mg/L
Calciumt	13495924.6	275763.91	2.04%	[100]	mg/L
Chromiumt	116727.3	828.71	0.71%	[1.0]	mg/L
Cobaltt	57399.1	280.87	0.49%	[1.0]	mg/L
Coppert	158703.0	967.55	0.61%	[1.0]	mg/L
Iront	247323.9	2781.15	1.12%	[10]	mg/L
Leadt	16886.1	243.31	1.44%	[1.0]	mg/L
Magnesiumt	2521833.4	11877.21	0.47%	[100]	mg/L
Manganeset	658564.3	2456.51	0.37%	[1.0]	mg/L
Molybdenumt	19584.4	1072.62	5.48%	[1.0]	mg/L
Nickelt	69199.9	319.27	0.46%	[1.0]	mg/L
Potassiumt	9118.3	6.96	0.08%	[100]	mg/L
No calibration curve because standard intensity and concentration values are not in the same order.					
Seleniumt	2226.0	35.77	1.61%	[1.0]	mg/L
Silvert	50825.8	141.49	0.28%	[0.2]	mg/L
Sodiumt	108114.0	262.06	0.24%	[100]	mg/L
Thalliumt	2356.3	23.15	0.98%	[1.0]	mg/L
Tint	5909.9	80.47	1.36%	[1.0]	mg/L
Titaniumt	731774.6	7585.79	1.04%	[1.0]	mg/L
Vanadiumt	178898.0	1263.78	0.71%	[1.0]	mg/L
Zinct	47369.3	126.59	0.27%	[1.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Aluminum	3	Lin Thru 0	0.0	28010	0.00000	0.999903	
Antimony	3	Lin Thru 0	0.0	3617	0.00000	0.999936	
Arsenic	4	Lin Thru 0	0.0	2259	0.00000	0.999906	
Barium	3	Lin Thru 0	0.0	178800	0.00000	0.999994	
Beryllium	4	Lin Thru 0	0.0	3661000	0.00000	0.999985	
Cadmium	4	Lin Thru 0	0.0	69660	0.00000	0.999967	
Calcium	3	Lin Thru 0	0.0	134700	0.00000	0.999992	
Chromium	3	Lin Thru 0	0.0	116500	0.00000	0.999991	
Cobalt	3	Lin Thru 0	0.0	57260	0.00000	0.999989	
Copper	3	Lin Thru 0	0.0	158000	0.00000	0.999960	
Iron	3	Lin Thru 0	0.0	24680	0.00000	0.999991	
Lead	4	Lin Thru 0	0.0	16820	0.00000	0.999972	
Magnesium	3	Lin Thru 0	0.0	25130	0.00000	0.999978	
Manganese	3	Lin Thru 0	0.0	657200	0.00000	0.999991	
Molybdenum	3	Lin Thru 0	0.0	19500	0.00000	0.999966	
Nickel	3	Lin Thru 0	0.0	69160	0.00000	0.999999	
Selenium	3	Lin Thru 0	0.0	2201	0.00000	0.999733	
Silver	3	Lin Thru 0	0.0	252700	0.00000	0.999940	
Sodium	3	Lin Thru 0	0.0	1061	0.00000	0.999306	
Thallium	4	Lin Thru 0	0.0	2340	0.00000	0.999902	
Tin	3	Lin Thru 0	0.0	5894	0.00000	0.999985	
Titanium	3	Lin Thru 0	0.0	728600	0.00000	0.999961	
Vanadium	3	Lin Thru 0	0.0	178400	0.00000	0.999982	
Zinc	3	Lin Thru 0	0.0	47260	0.00000	0.999987	

Sequence No.: 6
Sample ID: ICS3 V-60255
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 2/26/2009 10:12:32 AM
Data Type: Reprocessed on 2/26/2009 1:39:18 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS3 V-60255

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1109718.9	96.2	%	0.82				0.85%
Yittrium	412175.3	94.0	%	0.58				0.62%
Aluminumt	280211.5	9.99107	mg/L	0.058258	9.99107	mg/L	0.058258	0.58%
QC value within limits for Aluminum Recovery = 99.91%								
Antimonyt	3576.6	0.991049	mg/L	0.0153686	0.991049	mg/L	0.0153686	1.55%
QC value within limits for Antimony Recovery = 99.10%								
Arsenict	2223.0	0.975167	mg/L	0.0172894	0.975167	mg/L	0.0172894	1.77%
QC value within limits for Arsenic Recovery = 97.52%								
Bariumt	177996.5	0.995391	mg/L	0.0118345	0.995391	mg/L	0.0118345	1.19%
QC value within limits for Barium Recovery = 99.54%								
Berylliumt	3600746.9	0.982843	mg/L	0.0300461	0.982843	mg/L	0.0300461	3.06%
QC value within limits for Beryllium Recovery = 98.28%								
Cadmiumt	69409.6	0.996217	mg/L	0.0109139	0.996217	mg/L	0.0109139	1.10%
QC value within limits for Cadmium Recovery = 99.62%								
Calciumt	13254463.7	98.4124	mg/L	2.91610	98.4124	mg/L	2.91610	2.96%
QC value within limits for Calcium Recovery = 98.41%								
Chromiumt	115979.4	1.00292	mg/L	0.015539	1.00292	mg/L	0.015539	1.55%
QC value within limits for Chromium Recovery = 100.29%								
Cobaltt	56980.9	0.997068	mg/L	0.0122849	0.997068	mg/L	0.0122849	1.23%
QC value within limits for Cobalt Recovery = 99.71%								
Coppert	157825.2	0.998918	mg/L	0.0111171	0.998918	mg/L	0.0111171	1.11%
QC value within limits for Copper Recovery = 99.89%								
Iront	245981.6	9.96622	mg/L	0.201592	9.96622	mg/L	0.201592	2.02%
QC value within limits for Iron Recovery = 99.66%								
Leadt	16567.5	0.985843	mg/L	0.0114741	0.985843	mg/L	0.0114741	1.16%
QC value within limits for Lead Recovery = 98.58%								
Magnesiumt	2501402.5	99.5195	mg/L	1.57854	99.5195	mg/L	1.57854	1.59%
QC value within limits for Magnesium Recovery = 99.52%								
Manganeset	654818.0	0.996364	mg/L	0.0126996	0.996364	mg/L	0.0126996	1.27%
QC value within limits for Manganese Recovery = 99.64%								
Molybdenumt	19373.4	0.971441	mg/L	0.0529566	0.971441	mg/L	0.0529566	5.45%
QC value within limits for Molybdenum Recovery = 97.14%								
Nickelt	68692.0	0.994007	mg/L	0.0135435	0.994007	mg/L	0.0135435	1.36%
QC value within limits for Nickel Recovery = 99.40%								
Potassiumt	8953.3						126.93	1.42%
Unable to evaluate QC.								
Seleniumt	2205.0	1.00878	mg/L	0.023167	1.00878	mg/L	0.023167	2.30%
QC value within limits for Selenium Recovery = 100.88%								
Silvert	50585.2	0.200147	mg/L	0.0021209	0.200147	mg/L	0.0021209	1.06%
QC value within limits for Silver Recovery = 100.07%								
Sodiumt	107304.7	101.181	mg/L	0.4940	101.181	mg/L	0.4940	0.49%
QC value within limits for Sodium Recovery = 101.18%								
Thalliumt	2317.4	0.995426	mg/L	0.0178530	0.995426	mg/L	0.0178530	1.79%
QC value within limits for Thallium Recovery = 99.54%								
Tint	5806.4	0.977332	mg/L	0.0162340	0.977332	mg/L	0.0162340	1.66%
QC value within limits for Tin Recovery = 97.73%								
Titaniumt	728322.8	0.999685	mg/L	0.0032672	0.999685	mg/L	0.0032672	0.33%
QC value within limits for Titanium Recovery = 99.97%								
Vanadiumt	177947.8	0.995806	mg/L	0.0119795	0.995806	mg/L	0.0119795	1.20%
QC value within limits for Vanadium Recovery = 99.58%								
Zinct	46924.5	0.990986	mg/L	0.0189656	0.990986	mg/L	0.0189656	1.91%
QC value within limits for Zinc Recovery = 99.10%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 7
Sample ID: ICV V-60572 (2)
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 2/26/2009 10:17:08 AM
Data Type: Reprocessed on 2/26/2009 1:39:19 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV V-60572 (2)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1100189.9	95.4	%	0.47				0.49%
Yittrium	409275.2	93.4	%	0.51				0.55%
Aluminumt	287753.5	10.2601	mg/L	0.00643	10.2601	mg/L	0.00643	0.06%
QC value within limits for Aluminum Recovery = 102.60%								
Antimonyt	3686.8	1.02150	mg/L	0.002850	1.02150	mg/L	0.002850	0.28%
QC value within limits for Antimony Recovery = 102.15%								
Arsenict	2254.4	0.989003	mg/L	0.0028296	0.989003	mg/L	0.0028296	0.29%
QC value within limits for Arsenic Recovery = 98.90%								
Bariumt	184999.2	1.03456	mg/L	0.000615	1.03456	mg/L	0.000615	0.06%
QC value within limits for Barium Recovery = 103.46%								
Berylliumt	3698334.4	1.00950	mg/L	0.000222	1.00950	mg/L	0.000222	0.02%
QC value within limits for Beryllium Recovery = 100.95%								
Cadmiumt	69929.3	1.00368	mg/L	0.000479	1.00368	mg/L	0.000479	0.05%
QC value within limits for Cadmium Recovery = 100.37%								
Calciumt	13433748.9	99.7435	mg/L	0.04860	99.7435	mg/L	0.04860	0.05%
QC value within limits for Calcium Recovery = 99.74%								
Chromiumt	115649.7	1.00025	mg/L	0.000080	1.00025	mg/L	0.000080	0.01%
QC value within limits for Chromium Recovery = 100.02%								
Cobaltt	57322.3	1.00312	mg/L	0.000286	1.00312	mg/L	0.000286	0.03%
QC value within limits for Cobalt Recovery = 100.31%								
Coppert	157339.9	0.995846	mg/L	0.0012196	0.995846	mg/L	0.0012196	0.12%
QC value within limits for Copper Recovery = 99.58%								
Iront	246586.9	9.99074	mg/L	0.077713	9.99074	mg/L	0.077713	0.78%
QC value within limits for Iron Recovery = 99.91%								
Leadt	16752.9	0.996839	mg/L	0.0062059	0.996839	mg/L	0.0062059	0.62%
QC value within limits for Lead Recovery = 99.68%								
Magnesiumt	2512504.6	99.9612	mg/L	0.02082	99.9612	mg/L	0.02082	0.02%
QC value within limits for Magnesium Recovery = 99.96%								
Manganeset	660808.2	1.00548	mg/L	0.000167	1.00548	mg/L	0.000167	0.02%
QC value within limits for Manganese Recovery = 100.55%								
Molybdenumt	19792.5	0.992526	mg/L	0.0353395	0.992526	mg/L	0.0353395	3.56%
QC value within limits for Molybdenum Recovery = 99.25%								
Nickelt	69126.6	1.00031	mg/L	0.001016	1.00031	mg/L	0.001016	0.10%
QC value within limits for Nickel Recovery = 100.03%								
Potassiumt	9008.3						54.70	0.61%
Unable to evaluate QC.								
Seleniumt	2218.7	1.01512	mg/L	0.003179	1.01512	mg/L	0.003179	0.31%
QC value within limits for Selenium Recovery = 101.51%								
Silvert	50355.6	0.199238	mg/L	0.0001656	0.199238	mg/L	0.0001656	0.08%
QC value within limits for Silver Recovery = 99.62%								
Sodiumt	108473.7	102.275	mg/L	0.0893	102.275	mg/L	0.0893	0.09%
QC value within limits for Sodium Recovery = 102.28%								
Thalliumt	2412.0	1.03591	mg/L	0.003811	1.03591	mg/L	0.003811	0.37%
QC value within limits for Thallium Recovery = 103.59%								
Tint	5860.9	0.986461	mg/L	0.0015363	0.986461	mg/L	0.0015363	0.16%
QC value within limits for Tin Recovery = 98.65%								
Titaniumt	727221.8	0.998173	mg/L	0.0063331	0.998173	mg/L	0.0063331	0.63%
QC value within limits for Titanium Recovery = 99.82%								
Vanadiumt	177103.1	0.991138	mg/L	0.0013486	0.991138	mg/L	0.0013486	0.14%
QC value within limits for Vanadium Recovery = 99.11%								
Zinct	47861.2	1.01079	mg/L	0.002562	1.01079	mg/L	0.002562	0.25%
QC value within limits for Zinc Recovery = 101.08%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 8
Sample ID: ICB V-61025
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/26/2009 10:21:45 AM
Data Type: Reprocessed on 2/26/2009 1:39:20 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB V-61025

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1120486.7	97.2	%	0.19				0.19%
Yittrium	426216.0	97.3	%	0.23				0.24%
Aluminum†	189.1	0.0064242	mg/L	0.00169350	0.0064242	mg/L	0.00169350	26.36%
QC value within limits for Aluminum Recovery = Not calculated								
Antimony†	11.9	0.0032781	mg/L	0.00067112	0.0032781	mg/L	0.00067112	20.47%
QC value within limits for Antimony Recovery = Not calculated								
Arsenic†	1.1	0.0004583	mg/L	0.00170586	0.0004583	mg/L	0.00170586	372.24%
QC value within limits for Arsenic Recovery = Not calculated								
Barium†	-7.5	-0.0000420	mg/L	0.00000090	-0.0000420	mg/L	0.00000090	2.14%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	257.9	0.0000704	mg/L	0.00004808	0.0000704	mg/L	0.00004808	68.33%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmium†	30.8	0.0004421	mg/L	0.00007681	0.0004421	mg/L	0.00007681	17.37%
QC value within limits for Cadmium Recovery = Not calculated								
Calcium†	1032.7	0.0076680	mg/L	0.00011882	0.0076680	mg/L	0.00011882	1.55%
QC value within limits for Calcium Recovery = Not calculated								
Chromium†	2.4	0.0001843	mg/L	0.00015143	0.0001843	mg/L	0.00015143	82.15%
QC value within limits for Chromium Recovery = Not calculated								
Cobalt†	8.5	0.0002439	mg/L	0.00025846	0.0002439	mg/L	0.00025846	105.98%
QC value within limits for Cobalt Recovery = Not calculated								
Copper†	42.1	0.0002666	mg/L	0.00063982	0.0002666	mg/L	0.00063982	239.95%
QC value within limits for Copper Recovery = Not calculated								
Iron†	-36.3	-0.0014725	mg/L	0.00062096	-0.0014725	mg/L	0.00062096	42.17%
QC value within limits for Iron Recovery = Not calculated								
Lead†	17.8	0.0011089	mg/L	0.00186751	0.0011089	mg/L	0.00186751	168.42%
QC value within limits for Lead Recovery = Not calculated								
Magnesium†	-296.5	-0.0117981	mg/L	0.00165588	-0.0117981	mg/L	0.00165588	14.04%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-97.0	-0.0001475	mg/L	0.00000597	-0.0001475	mg/L	0.00000597	4.05%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenum†	439.9	0.0225557	mg/L	0.00363457	0.0225557	mg/L	0.00363457	16.11%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickel†	22.7	0.0003451	mg/L	0.00012923	0.0003451	mg/L	0.00012923	37.45%
QC value within limits for Nickel Recovery = Not calculated								
Potassium†	78.7						43.96	55.83%
Unable to evaluate QC.								
Selenium†	20.6	0.0093732	mg/L	0.00142266	0.0093732	mg/L	0.00142266	15.18%
QC value within limits for Selenium Recovery = Not calculated								
Silver†	-104.3	-0.0004127	mg/L	0.00017508	-0.0004127	mg/L	0.00017508	42.42%
QC value within limits for Silver Recovery = Not calculated								
Sodium†	102.5	0.0966862	mg/L	0.01586197	0.0966862	mg/L	0.01586197	16.41%
QC value within limits for Sodium Recovery = Not calculated								
Thallium†	9.2	0.0039402	mg/L	0.00110397	0.0039402	mg/L	0.00110397	28.02%
QC value within limits for Thallium Recovery = Not calculated								
Tin†	-2.6	-0.0004469	mg/L	0.00019866	-0.0004469	mg/L	0.00019866	44.45%
QC value within limits for Tin Recovery = Not calculated								
Titanium†	76.4	0.0001049	mg/L	0.00006346	0.0001049	mg/L	0.00006346	60.51%
QC value within limits for Titanium Recovery = Not calculated								
Vanadium†	77.8	0.0005362	mg/L	0.00027344	0.0005362	mg/L	0.00027344	50.99%
QC value within limits for Vanadium Recovery = Not calculated								
Zinc†	-5.0	-0.0001065	mg/L	0.00008746	-0.0001065	mg/L	0.00008746	82.11%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 9
Sample ID: ICSA V-60052
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/26/2009 10:24:51 AM
Data Type: Reprocessed on 2/26/2009 1:39:21 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-60052

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1052641.9	91.3	%	0.15				0.16%
Yittrium	388618.8	88.7	%	0.12				0.13%
Aluminumt	14100815.0	503.496	mg/L	5.3552	503.496	mg/L	5.3552	1.06%
QC value within limits for Aluminum Recovery = 100.70%								
Antimonyt	40.4	-0.0033682	mg/L	0.00552316	-0.0033682	mg/L	0.00552316	163.98%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	121.7	0.0048830	mg/L	0.00701332	0.0048830	mg/L	0.00701332	143.63%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	1215.7	-0.0054140	mg/L	0.00022704	-0.0054140	mg/L	0.00022704	4.19%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-2430.7	-0.0006653	mg/L	0.00005168	-0.0006653	mg/L	0.00005168	7.77%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	214.6	-0.0018886	mg/L	0.00033613	-0.0018886	mg/L	0.00033613	17.80%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	64318985.2	477.559	mg/L	4.7462	477.559	mg/L	4.7462	0.99%
QC value within limits for Calcium Recovery = 95.51%								
Chromiumt	-234.1	-0.0018685	mg/L	0.00012079	-0.0018685	mg/L	0.00012079	6.46%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-283.2	-0.0048670	mg/L	0.00033846	-0.0048670	mg/L	0.00033846	6.95%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	682.8	0.0043215	mg/L	0.00068690	0.0043215	mg/L	0.00068690	15.89%
QC value within limits for Copper Recovery = Not calculated								
Iront	4800294.6	194.489	mg/L	1.7406	194.489	mg/L	1.7406	0.89%
QC value within limits for Iron Recovery = 97.24%								
Leadt	3906.7	-0.0066565	mg/L	0.00374587	-0.0066565	mg/L	0.00374587	56.27%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	12796783.0	509.126	mg/L	5.1423	509.126	mg/L	5.1423	1.01%
QC value within limits for Magnesium Recovery = 101.83%								
Manganeset	-1520.2	-0.0023131	mg/L	0.00001668	-0.0023131	mg/L	0.00001668	0.72%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	377.7	-0.0016723	mg/L	0.00180395	-0.0016723	mg/L	0.00180395	107.87%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-278.3	-0.0040099	mg/L	0.00007722	-0.0040099	mg/L	0.00007722	1.93%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	-1223.5						59.62	4.87%
Unable to evaluate QC.								
Seleniumt	-62.3	-0.0070257	mg/L	0.00146334	-0.0070257	mg/L	0.00146334	20.83%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-1417.4	-0.0056083	mg/L	0.00019040	-0.0056083	mg/L	0.00019040	3.39%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-63.6	-0.0529481	mg/L	0.14453915	-0.0529481	mg/L	0.14453915	272.98%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-115.4	-0.0026279	mg/L	0.00252122	-0.0026279	mg/L	0.00252122	95.94%
QC value within limits for Thallium Recovery = Not calculated								
Tint	128.6	0.0034595	mg/L	0.00328512	0.0034595	mg/L	0.00328512	94.96%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	1374.9	0.0018872	mg/L	0.00012450	0.0018872	mg/L	0.00012450	6.60%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	2948.7	-0.0202736	mg/L	0.00114996	-0.0202736	mg/L	0.00114996	5.67%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-875.5	-0.0178960	mg/L	0.00019256	-0.0178960	mg/L	0.00019256	1.08%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 10
Sample ID: ICSAB V-61024
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 2/26/2009 10:29:58 AM
Data Type: Reprocessed on 2/26/2009 1:39:23 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1049674.9	91.0	%	0.08				0.09%
Yittrium	391313.9	89.3	%	0.01				0.02%
Aluminumt	14176835.4	506.211	mg/L	5.4695	506.211	mg/L	5.4695	1.08%
QC value within limits for Aluminum Recovery = 101.24%								
Antimonyt	3606.0	0.982358	mg/L	0.0045521	0.982358	mg/L	0.0045521	0.46%
QC value within limits for Antimony Recovery = 98.24%								
Arsenict	2351.5	0.991365	mg/L	0.0008650	0.991365	mg/L	0.0008650	0.09%
QC value within limits for Arsenic Recovery = 99.14%								
Bariumt	92356.1	0.504398	mg/L	0.0004220	0.504398	mg/L	0.0004220	0.08%
QC value within limits for Barium Recovery = 100.88%								
Berylliumt	1839488.0	0.502461	mg/L	0.0001239	0.502461	mg/L	0.0001239	0.02%
QC value within limits for Beryllium Recovery = 100.49%								
Cadmiumt	71272.1	1.01825	mg/L	0.000937	1.01825	mg/L	0.000937	0.09%
QC value within limits for Cadmium Recovery = 101.82%								
Calciumt	64568066.8	479.408	mg/L	4.3351	479.408	mg/L	4.3351	0.90%
QC value within limits for Calcium Recovery = 95.88%								
Chromiumt	57025.5	0.489675	mg/L	0.0029685	0.489675	mg/L	0.0029685	0.61%
QC value within limits for Chromium Recovery = 97.93%								
Cobaltt	27306.9	0.476908	mg/L	0.0010255	0.476908	mg/L	0.0010255	0.22%
QC value within limits for Cobalt Recovery = 95.38%								
Coppert	84422.4	0.534332	mg/L	0.0004804	0.534332	mg/L	0.0004804	0.09%
QC value within limits for Copper Recovery = 106.87%								
Iront	4794923.2	194.272	mg/L	0.2011	194.272	mg/L	0.2011	0.10%
QC value within limits for Iron Recovery = 97.14%								
Leadt	19741.5	0.933244	mg/L	0.0064513	0.933244	mg/L	0.0064513	0.69%
QC value within limits for Lead Recovery = 93.32%								
Magnesiumt	12820813.2	510.082	mg/L	3.4017	510.082	mg/L	3.4017	0.67%
QC value within limits for Magnesium Recovery = 102.02%								
Manganeset	324666.0	0.494008	mg/L	0.0000273	0.494008	mg/L	0.0000273	0.01%
QC value within limits for Manganese Recovery = 98.80%								
Molybdenumt	277.7	-0.0232301	mg/L	0.00011922	-0.0232301	mg/L	0.00011922	0.51%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	64950.0	0.939166	mg/L	0.0018777	0.939166	mg/L	0.0018777	0.20%
QC value within limits for Nickel Recovery = 93.92%								
Potassiumt	-1169.5						143.92	12.31%
Unable to evaluate QC.								
Seleniumt	2137.1	0.992728	mg/L	0.0165938	0.992728	mg/L	0.0165938	1.67%
QC value within limits for Selenium Recovery = 99.27%								
Silvert	261836.6	1.03599	mg/L	0.000783	1.03599	mg/L	0.000783	0.08%
QC value within limits for Silver Recovery = 103.60%								
Sodiumt	359.3	0.0242525	mg/L	0.05181115	0.0242525	mg/L	0.05181115	213.63%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	2102.8	0.945096	mg/L	0.0085961	0.945096	mg/L	0.0085961	0.91%
QC value within limits for Thallium Recovery = 94.51%								
Tint	122.5	0.0022087	mg/L	0.00219373	0.0022087	mg/L	0.00219373	99.32%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	1364.8	0.0018733	mg/L	0.00007970	0.0018733	mg/L	0.00007970	4.25%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	90957.6	0.473069	mg/L	0.0025683	0.473069	mg/L	0.0025683	0.54%
QC value within limits for Vanadium Recovery = 94.61%								
Zinct	44297.8	0.938060	mg/L	0.0033399	0.938060	mg/L	0.0033399	0.36%
QC value within limits for Zinc Recovery = 93.81%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 11
Sample ID: MB 9987 (0.5)
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 82
Date Collected: 2/26/2009 10:34:34 AM
Data Type: Reprocessed on 2/26/2009 1:39:24 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 9987 (0.5)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1203980.5	104	%	2.1				1.98%
Yittrium	453493.2	103	%	2.1				2.02%
Aluminumt	48.5	0.0017102	mg/L	0.00055984	0.0017102	mg/L	0.00055984	32.73%
Antimonyt	-3.7	-0.0010159	mg/L	0.00453598	-0.0010159	mg/L	0.00453598	446.50%
Arsenict	-1.2	-0.0005608	mg/L	0.00376967	-0.0005608	mg/L	0.00376967	672.18%
Bariumt	201.1	0.0011244	mg/L	0.00013183	0.0011244	mg/L	0.00013183	11.73%
Berylliumt	302.4	0.0000824	mg/L	0.00005608	0.0000824	mg/L	0.00005608	68.05%
Cadmiumt	-18.7	-0.0002697	mg/L	0.00034451	-0.0002697	mg/L	0.00034451	127.75%
Calciumt	19413.2	0.144140	mg/L	0.0298516	0.144140	mg/L	0.0298516	20.71%
Chromiumt	-30.8	-0.0002541	mg/L	0.00031076	-0.0002541	mg/L	0.00031076	122.30%
Cobaltt	-2.2	-0.0000333	mg/L	0.00006831	-0.0000333	mg/L	0.00006831	204.85%
Coppert	142.7	0.0009031	mg/L	0.00039820	0.0009031	mg/L	0.00039820	44.10%
Iront	1182.5	0.0479087	mg/L	0.00491245	0.0479087	mg/L	0.00491245	10.25%
Leadt	29.8	0.0017745	mg/L	0.00032150	0.0017745	mg/L	0.00032150	18.12%
Magnesiumt	1233.8	0.0490867	mg/L	0.02206089	0.0490867	mg/L	0.02206089	44.94%
Manganeset	1056.6	0.0016077	mg/L	0.00009061	0.0016077	mg/L	0.00009061	5.64%
Molybdenumt	27.9	0.0013061	mg/L	0.00031600	0.0013061	mg/L	0.00031600	24.19%
Nickelt	-31.2	-0.0004508	mg/L	0.00000621	-0.0004508	mg/L	0.00000621	1.38%
Potassiumt	-60.1						167.25	278.39%
Seleniumt	11.6	0.0052778	mg/L	0.00526349	0.0052778	mg/L	0.00526349	99.73%
Silvert	96.7	0.0003825	mg/L	0.00036786	0.0003825	mg/L	0.00036786	96.17%
Sodiumt	202.2	0.188308	mg/L	0.0601939	0.188308	mg/L	0.0601939	31.97%
Thalliumt	12.4	0.0052884	mg/L	0.00109867	0.0052884	mg/L	0.00109867	20.77%
Tint	7.2	0.0012101	mg/L	0.00095839	0.0012101	mg/L	0.00095839	79.20%
Titaniumt	188.9	0.0002593	mg/L	0.00012892	0.0002593	mg/L	0.00012892	49.71%
Vanadiumt	-389.5	-0.0021821	mg/L	0.00104796	-0.0021821	mg/L	0.00104796	48.03%
Zinct	321.8	0.0068086	mg/L	0.00045826	0.0068086	mg/L	0.00045826	6.73%

Sequence No.: 12
Sample ID: LCSW
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 83
Date Collected: 2/26/2009 10:37:42 AM
Data Type: Reprocessed on 2/26/2009 1:39:25 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1155761.8	100	%	2.5				2.54%
Yittrium	425910.1	97.2	%	1.04				1.07%
Aluminumt	136902.1	4.88238	mg/L	0.144009	4.88238	mg/L	0.144009	2.95%
Antimonyt	1647.8	0.456647	mg/L	0.0196873	0.456647	mg/L	0.0196873	4.31%
Arsenict	1083.9	0.475460	mg/L	0.0077367	0.475460	mg/L	0.0077367	1.63%
Bariumt	89798.6	0.502180	mg/L	0.0145987	0.502180	mg/L	0.0145987	2.91%
Berylliumt	1791634.1	0.489048	mg/L	0.0177380	0.489048	mg/L	0.0177380	3.63%
Cadmiumt	33815.9	0.485355	mg/L	0.0146365	0.485355	mg/L	0.0146365	3.02%
Calciumt	6565931.8	48.7510	mg/L	1.70681	48.7510	mg/L	1.70681	3.50%
Chromiumt	56513.6	0.488172	mg/L	0.0163636	0.488172	mg/L	0.0163636	3.35%
Cobaltt	28217.5	0.493449	mg/L	0.0146152	0.493449	mg/L	0.0146152	2.96%
Coppert	75718.8	0.479244	mg/L	0.0153401	0.479244	mg/L	0.0153401	3.20%
Iront	115902.9	4.69593	mg/L	0.268835	4.69593	mg/L	0.268835	5.72%
Leadt	8172.4	0.486162	mg/L	0.0129139	0.486162	mg/L	0.0129139	2.66%
Magnesiumt	1230814.7	48.9685	mg/L	1.80023	48.9685	mg/L	1.80023	3.68%
Manganeset	321721.3	0.489528	mg/L	0.0149852	0.489528	mg/L	0.0149852	3.06%
Molybdenumt	8031.6	0.400807	mg/L	0.0358266	0.400807	mg/L	0.0358266	8.94%
Nickelt	33999.2	0.491926	mg/L	0.0164304	0.491926	mg/L	0.0164304	3.34%
Potassiumt	3919.7						119.58	3.05%
Seleniumt	1061.0	0.485506	mg/L	0.0223809	0.485506	mg/L	0.0223809	4.61%
Silvert	23823.6	0.0942609	mg/L	0.00308482	0.0942609	mg/L	0.00308482	3.27%
Sodiumt	49073.0	46.2663	mg/L	1.07501	46.2663	mg/L	1.07501	2.32%
Thalliumt	1199.7	0.515102	mg/L	0.0138835	0.515102	mg/L	0.0138835	2.70%
Tint	2855.5	0.480581	mg/L	0.0158700	0.480581	mg/L	0.0158700	3.30%
Titaniumt	349876.4	0.480235	mg/L	0.0127281	0.480235	mg/L	0.0127281	2.65%
Vanadiumt	85224.1	0.476564	mg/L	0.0203680	0.476564	mg/L	0.0203680	4.27%
Zinct	23672.6	0.499952	mg/L	0.0139313	0.499952	mg/L	0.0139313	2.79%

Sequence No.: 13
Sample ID: LCSW MR
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 84
Date Collected: 2/26/2009 10:41:04 AM
Data Type: Reprocessed on 2/26/2009 1:39:26 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	1148268.6	99.6	%	1.43				1.43%
Yittrium	420912.0	96.0	%	1.42				1.48%
Aluminumt	137475.0	4.90210	mg/L	0.030695	4.90210	mg/L	0.030695	0.63%
Antimonyt	1702.9	0.471873	mg/L	0.0059437	0.471873	mg/L	0.0059437	1.26%
Arsenict	1102.3	0.483559	mg/L	0.0012205	0.483559	mg/L	0.0012205	0.25%
Bariumt	90307.9	0.505027	mg/L	0.0030121	0.505027	mg/L	0.0030121	0.60%
Berylliumt	1807845.7	0.493473	mg/L	0.0172560	0.493473	mg/L	0.0172560	3.50%
Cadmiumt	34035.5	0.488504	mg/L	0.0028024	0.488504	mg/L	0.0028024	0.57%
Calciumt	6626646.6	49.2018	mg/L	1.71433	49.2018	mg/L	1.71433	3.48%
Chromiumt	56771.2	0.490752	mg/L	0.0049041	0.490752	mg/L	0.0049041	1.00%
Cobaltt	28368.6	0.496292	mg/L	0.0053017	0.496292	mg/L	0.0053017	1.07%
Coppert	76183.0	0.482183	mg/L	0.0048925	0.482183	mg/L	0.0048925	1.01%
Iront	118541.6	4.80284	mg/L	0.122526	4.80284	mg/L	0.122526	2.55%
Leadt	8208.8	0.488444	mg/L	0.0063955	0.488444	mg/L	0.0063955	1.31%
Magnesiumt	1241921.3	49.4104	mg/L	1.79016	49.4104	mg/L	1.79016	3.62%
Manganeset	323028.3	0.491516	mg/L	0.0023802	0.491516	mg/L	0.0023802	0.48%
Molybdenumt	9021.5	0.451529	mg/L	0.0214668	0.451529	mg/L	0.0214668	4.75%
Nickelt	34211.2	0.495029	mg/L	0.0028582	0.495029	mg/L	0.0028582	0.58%
Potassiumt	3903.0						100.36	2.57%
Seleniumt	1078.6	0.493541	mg/L	0.0129289	0.493541	mg/L	0.0129289	2.62%
Silvert	24047.2	0.0951458	mg/L	0.00045045	0.0951458	mg/L	0.00045045	0.47%
Sodiumt	49232.0	46.4178	mg/L	0.25511	46.4178	mg/L	0.25511	0.55%
Thalliumt	1201.6	0.515981	mg/L	0.0070543	0.515981	mg/L	0.0070543	1.37%
Tint	2889.8	0.486376	mg/L	0.0089564	0.486376	mg/L	0.0089564	1.84%
Titaniumt	353413.3	0.485090	mg/L	0.0058561	0.485090	mg/L	0.0058561	1.21%
Vanadiumt	86018.1	0.481209	mg/L	0.0069766	0.481209	mg/L	0.0069766	1.45%
Zinct	23704.4	0.500616	mg/L	0.0034189	0.500616	mg/L	0.0034189	0.68%

Sequence No.: 14
Sample ID: 42818-001
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 85
Date Collected: 2/26/2009 10:44:26 AM
Data Type: Reprocessed on 2/26/2009 1:39:27 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-001

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	1199822.4	104	%	1.1				1.08%
Yittrium	450894.8	103	%	1.1				1.05%
Aluminumt	-155.3	-0.0059309	mg/L	0.00513201	-0.0059309	mg/L	0.00513201	86.53%
Antimonyt	2.4	0.0006705	mg/L	0.00030926	0.0006705	mg/L	0.00030926	46.13%
Arsenict	2.3	0.0009859	mg/L	0.00243360	0.0009859	mg/L	0.00243360	246.83%
Bariumt	316.8	0.0017717	mg/L	0.00003318	0.0017717	mg/L	0.00003318	1.87%
Berylliumt	753.1	0.0002051	mg/L	0.00002457	0.0002051	mg/L	0.00002457	11.98%
Cadmiumt	-26.3	-0.0003786	mg/L	0.00010456	-0.0003786	mg/L	0.00010456	27.62%
Calciumt	34641.3	0.257207	mg/L	0.0024642	0.257207	mg/L	0.0024642	0.96%
Chromiumt	-42.2	-0.0001690	mg/L	0.00017700	-0.0001690	mg/L	0.00017700	104.75%
Cobaltt	-2.2	0.0000739	mg/L	0.00013105	0.0000739	mg/L	0.00013105	177.31%
Coppert	239.8	0.0015176	mg/L	0.00123004	0.0015176	mg/L	0.00123004	81.05%
Iront	768.1	0.0311190	mg/L	0.00045367	0.0311190	mg/L	0.00045367	1.46%
Leadt	18.0	0.0011457	mg/L	0.00080674	0.0011457	mg/L	0.00080674	70.41%
Magnesiumt	1291.7	0.0513924	mg/L	0.00128974	0.0513924	mg/L	0.00128974	2.51%
Manganeset	937.3	0.0014262	mg/L	0.00002658	0.0014262	mg/L	0.00002658	1.86%
Molybdenumt	519.1	0.0264476	mg/L	0.00427967	0.0264476	mg/L	0.00427967	16.18%
Nickelt	20.9	0.0003224	mg/L	0.00002191	0.0003224	mg/L	0.00002191	6.79%
Potassiumt	-126.6						35.89	28.35%
Seleniumt	14.2	0.0064569	mg/L	0.00317183	0.0064569	mg/L	0.00317183	49.12%
Silvert	43.7	0.0001729	mg/L	0.00030786	0.0001729	mg/L	0.00030786	178.08%
Sodiumt	891.5	0.837273	mg/L	0.0640868	0.837273	mg/L	0.0640868	7.65%
Thalliumt	8.3	0.0035952	mg/L	0.00053163	0.0035952	mg/L	0.00053163	14.79%
Tint	19.1	0.0032132	mg/L	0.00033523	0.0032132	mg/L	0.00033523	10.43%
Titaniumt	612.9	0.0008413	mg/L	0.00015405	0.0008413	mg/L	0.00015405	18.31%
Vanadiumt	-231.2	-0.0011830	mg/L	0.00086965	-0.0011830	mg/L	0.00086965	73.51%
Zinct	432.4	0.0091453	mg/L	0.00038322	0.0091453	mg/L	0.00038322	4.19%

Sequence No.: 15
Sample ID: 428218-001 MR
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 86
Date Collected: 2/26/2009 10:47:34 AM
Data Type: Reprocessed on 2/26/2009 1:39:28 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 428218-001 MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1194530.1	104	%	1.7				1.62%
Yittrium	447954.4	102	%	1.6				1.57%
Aluminumt	371.0	0.0131465	mg/L	0.01568021	0.0131465	mg/L	0.01568021	119.27%
Antimonyt	3.5	0.0009668	mg/L	0.00225788	0.0009668	mg/L	0.00225788	233.55%
Arsenict	-4.4	-0.0019617	mg/L	0.00004741	-0.0019617	mg/L	0.00004741	2.42%
Bariumt	283.2	0.0015838	mg/L	0.00010007	0.0015838	mg/L	0.00010007	6.32%
Berylliumt	351.3	0.0000956	mg/L	0.00005196	0.0000956	mg/L	0.00005196	54.34%
Cadmiumt	-32.7	-0.0004706	mg/L	0.00005916	-0.0004706	mg/L	0.00005916	12.57%
Calciumt	32743.6	0.243116	mg/L	0.0108562	0.243116	mg/L	0.0108562	4.47%
Chromiumt	9.2	0.0001297	mg/L	0.00001888	0.0001297	mg/L	0.00001888	14.55%
Cobaltt	16.6	0.0003184	mg/L	0.00030631	0.0003184	mg/L	0.00030631	96.21%
Coppert	162.7	0.0010298	mg/L	0.00120424	0.0010298	mg/L	0.00120424	116.94%
Iront	592.2	0.0239940	mg/L	0.00181233	0.0239940	mg/L	0.00181233	7.55%
Leadt	25.3	0.0015241	mg/L	0.00047384	0.0015241	mg/L	0.00047384	31.09%
Magnesiumt	903.3	0.0359377	mg/L	0.00458309	0.0359377	mg/L	0.00458309	12.75%
Manganeset	657.6	0.0010006	mg/L	0.00010912	0.0010006	mg/L	0.00010912	10.91%
Molybdenumt	135.4	0.0067957	mg/L	0.00020321	0.0067957	mg/L	0.00020321	2.99%
Nickelt	-6.1	-0.0000826	mg/L	0.00014762	-0.0000826	mg/L	0.00014762	178.73%
Potassiumt	-95.4						23.70	24.86%
Seleniumt	12.4	0.0056282	mg/L	0.00239076	0.0056282	mg/L	0.00239076	42.48%
Silvert	3.9	0.0000155	mg/L	0.00040671	0.0000155	mg/L	0.00040671	>999.9%
Sodiumt	789.5	0.741423	mg/L	0.0299330	0.741423	mg/L	0.0299330	4.04%
Thalliumt	5.7	0.0024417	mg/L	0.00066512	0.0024417	mg/L	0.00066512	27.24%
Tint	6.7	0.0011253	mg/L	0.00043627	0.0011253	mg/L	0.00043627	38.77%
Titaniumt	338.2	0.0004643	mg/L	0.00000513	0.0004643	mg/L	0.00000513	1.11%
Vanadiumt	-230.9	-0.0012667	mg/L	0.00071082	-0.0012667	mg/L	0.00071082	56.11%
Zinct	369.3	0.0078111	mg/L	0.00033187	0.0078111	mg/L	0.00033187	4.25%

Sequence No.: 16
Sample ID: 42818-001 MS 1
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 87
Date Collected: 2/26/2009 10:50:43 AM
Data Type: Reprocessed on 2/26/2009 1:39:29 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-001 MS 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1153142.9	100	%	0.0				0.01%
Yittrium	431774.2	98.5	%	2.11				2.14%
Aluminumt	137526.6	4.90476	mg/L	0.137508	4.90476	mg/L	0.137508	2.80%
Antimonyt	1584.6	0.439185	mg/L	0.0034538	0.439185	mg/L	0.0034538	0.79%
Arsenict	1099.7	0.482477	mg/L	0.0013538	0.482477	mg/L	0.0013538	0.28%
Bariumt	90091.4	0.503819	mg/L	0.0134188	0.503819	mg/L	0.0134188	2.66%
Berylliumt	1783360.9	0.486786	mg/L	0.0143502	0.486786	mg/L	0.0143502	2.95%
Cadmiumt	33786.8	0.484938	mg/L	0.0123911	0.484938	mg/L	0.0123911	2.56%
Calciumt	6592526.5	48.9485	mg/L	1.36571	48.9485	mg/L	1.36571	2.79%
Chromiumt	56468.2	0.487740	mg/L	0.0120420	0.487740	mg/L	0.0120420	2.47%
Cobaltt	28481.7	0.498032	mg/L	0.0066459	0.498032	mg/L	0.0066459	1.33%
Coppert	75482.1	0.477746	mg/L	0.0125752	0.477746	mg/L	0.0125752	2.63%
Iront	114427.8	4.63617	mg/L	0.236400	4.63617	mg/L	0.236400	5.10%
Leadt	8247.4	0.490603	mg/L	0.0073018	0.490603	mg/L	0.0073018	1.49%
Magnesiumt	1229176.4	48.9034	mg/L	1.51236	48.9034	mg/L	1.51236	3.09%
Manganeset	321229.2	0.488779	mg/L	0.0119689	0.488779	mg/L	0.0119689	2.45%
Molybdenumt	7919.2	0.394834	mg/L	0.0182097	0.394834	mg/L	0.0182097	4.61%
Nickelt	33943.9	0.491121	mg/L	0.0113474	0.491121	mg/L	0.0113474	2.31%
Potassiumt	3944.7						66.55	1.69%
Seleniumt	1071.3	0.490191	mg/L	0.0068096	0.490191	mg/L	0.0068096	1.39%
Silvert	23641.5	0.0935404	mg/L	0.00225228	0.0935404	mg/L	0.00225228	2.41%
Sodiumt	49839.3	46.9854	mg/L	1.07166	46.9854	mg/L	1.07166	2.28%
Thalliumt	1212.5	0.520554	mg/L	0.0079932	0.520554	mg/L	0.0079932	1.54%
Tint	2846.5	0.479024	mg/L	0.0055234	0.479024	mg/L	0.0055234	1.15%
Titaniumt	351740.2	0.482793	mg/L	0.0166519	0.482793	mg/L	0.0166519	3.45%
Vanadiumt	84505.7	0.472516	mg/L	0.0196120	0.472516	mg/L	0.0196120	4.15%
Zinct	24228.0	0.511702	mg/L	0.0080771	0.511702	mg/L	0.0080771	1.58%

Sequence No.: 17
Sample ID: CCV V-60256
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/26/2009 10:54:05 AM
Data Type: Reprocessed on 2/26/2009 1:39:30 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1131966.7	98.2	%	0.51				0.52%
Yittrium	417238.9	95.2	%	0.11				0.11%
Aluminumt	138519.4	4.93835	mg/L	0.088403	4.93835	mg/L	0.088403	1.79%
QC value within limits for Aluminum Recovery = 98.77%								
Antimonyt	1806.1	0.500423	mg/L	0.0030083	0.500423	mg/L	0.0030083	0.60%
QC value within limits for Antimony Recovery = 100.08%								
Arsenict	1109.8	0.486815	mg/L	0.0014091	0.486815	mg/L	0.0014091	0.29%
QC value within limits for Arsenic Recovery = 97.36%								
Bariumt	91006.2	0.508930	mg/L	0.0090035	0.508930	mg/L	0.0090035	1.77%
QC value within limits for Barium Recovery = 101.79%								
Berylliumt	1828228.3	0.499034	mg/L	0.0117702	0.499034	mg/L	0.0117702	2.36%
QC value within limits for Beryllium Recovery = 99.81%								
Cadmiumt	34281.3	0.492029	mg/L	0.0092661	0.492029	mg/L	0.0092661	1.88%
QC value within limits for Cadmium Recovery = 98.41%								
Calciumt	6703294.7	49.7709	mg/L	1.28845	49.7709	mg/L	1.28845	2.59%
QC value within limits for Calcium Recovery = 99.54%								
Chromiumt	57698.7	0.499239	mg/L	0.0098471	0.499239	mg/L	0.0098471	1.97%
QC value within limits for Chromium Recovery = 99.85%								
Cobaltt	28476.1	0.498457	mg/L	0.0009927	0.498457	mg/L	0.0009927	0.20%
QC value within limits for Cobalt Recovery = 99.69%								
Coppert	77120.1	0.488113	mg/L	0.0102400	0.488113	mg/L	0.0102400	2.10%
QC value within limits for Copper Recovery = 97.62%								
Iront	122420.1	4.95998	mg/L	0.116764	4.95998	mg/L	0.116764	2.35%
QC value within limits for Iron Recovery = 99.20%								
Leadt	8281.1	0.492905	mg/L	0.0016366	0.492905	mg/L	0.0016366	0.33%
QC value within limits for Lead Recovery = 98.58%								
Magnesiumt	1251355.7	49.7858	mg/L	1.13316	49.7858	mg/L	1.13316	2.28%
QC value within limits for Magnesium Recovery = 99.57%								
Manganeset	326663.7	0.497048	mg/L	0.0090022	0.497048	mg/L	0.0090022	1.81%
QC value within limits for Manganese Recovery = 99.41%								
Molybdenumt	10424.6	0.523456	mg/L	0.0090839	0.523456	mg/L	0.0090839	1.74%
QC value within limits for Molybdenum Recovery = 104.69%								
Nickelt	34495.1	0.499187	mg/L	0.0092598	0.499187	mg/L	0.0092598	1.85%
QC value within limits for Nickel Recovery = 99.84%								
Potassiumt	3956.6						43.47	1.10%
Unable to evaluate QC.								
Seleniumt	1087.2	0.497496	mg/L	0.0043413	0.497496	mg/L	0.0043413	0.87%
QC value within limits for Selenium Recovery = 99.50%								
Silvert	24874.9	0.0984206	mg/L	0.00220759	0.0984206	mg/L	0.00220759	2.24%
QC value within limits for Silver Recovery = 98.42%								
Sodiumt	49546.8	46.7187	mg/L	0.77646	46.7187	mg/L	0.77646	1.66%
QC value within limits for Sodium Recovery = 93.44%								
Thalliumt	1194.4	0.513045	mg/L	0.0009907	0.513045	mg/L	0.0009907	0.19%
QC value within limits for Thallium Recovery = 102.61%								
Tint	2926.9	0.492640	mg/L	0.0012479	0.492640	mg/L	0.0012479	0.25%
QC value within limits for Tin Recovery = 98.53%								
Titaniumt	360234.0	0.494452	mg/L	0.0070217	0.494452	mg/L	0.0070217	1.42%
QC value within limits for Titanium Recovery = 98.89%								
Vanadiumt	87756.5	0.491244	mg/L	0.0103636	0.491244	mg/L	0.0103636	2.11%
QC value within limits for Vanadium Recovery = 98.25%								
Zinct	23661.8	0.499705	mg/L	0.0024767	0.499705	mg/L	0.0024767	0.50%
QC value within limits for Zinc Recovery = 99.94%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 18
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 2/26/2009 10:57:25 AM
Data Type: Reprocessed on 2/26/2009 1:39:31 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1137615.1	98.7	%	1.49				1.51%
Yittrium	433115.5	98.8	%	1.79				1.81%
Aluminum†	43.0	0.0012020	mg/L	0.00491313	0.0012020	mg/L	0.00491313	408.73%
QC value within limits for Aluminum Recovery = Not calculated								
Antimony†	27.8	0.0076815	mg/L	0.00108082	0.0076815	mg/L	0.00108082	14.07%
QC value within limits for Antimony Recovery = Not calculated								
Arsenic†	0.6	0.0002358	mg/L	0.00042692	0.0002358	mg/L	0.00042692	181.05%
QC value within limits for Arsenic Recovery = Not calculated								
Barium†	32.3	0.0001803	mg/L	0.00003574	0.0001803	mg/L	0.00003574	19.82%
QC value within limits for Barium Recovery = Not calculated								
Berylllium†	388.6	0.0001060	mg/L	0.00002501	0.0001060	mg/L	0.00002501	23.60%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmium†	21.1	0.0003026	mg/L	0.00002483	0.0003026	mg/L	0.00002483	8.20%
QC value within limits for Cadmium Recovery = Not calculated								
Calcium†	3676.6	0.0272981	mg/L	0.00345898	0.0272981	mg/L	0.00345898	12.67%
QC value within limits for Calcium Recovery = Not calculated								
Chromium†	18.9	0.0003287	mg/L	0.00017644	0.0003287	mg/L	0.00017644	53.69%
QC value within limits for Chromium Recovery = Not calculated								
Cobalt†	7.2	0.0002231	mg/L	0.00001204	0.0002231	mg/L	0.00001204	5.39%
QC value within limits for Cobalt Recovery = Not calculated								
Copper†	-27.6	-0.0001747	mg/L	0.00041620	-0.0001747	mg/L	0.00041620	238.27%
QC value within limits for Copper Recovery = Not calculated								
Iron†	85.3	0.0034546	mg/L	0.00313253	0.0034546	mg/L	0.00313253	90.68%
QC value within limits for Iron Recovery = Not calculated								
Lead†	4.4	0.0003123	mg/L	0.00127307	0.0003123	mg/L	0.00127307	407.67%
QC value within limits for Lead Recovery = Not calculated								
Magnesium†	-66.3	-0.0026373	mg/L	0.00641537	-0.0026373	mg/L	0.00641537	243.26%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-59.3	-0.0000903	mg/L	0.00011272	-0.0000903	mg/L	0.00011272	124.84%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenum†	447.2	0.0229194	mg/L	0.00447601	0.0229194	mg/L	0.00447601	19.53%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickel†	11.1	0.0001782	mg/L	0.00013873	0.0001782	mg/L	0.00013873	77.83%
QC value within limits for Nickel Recovery = Not calculated								
Potassium†	17.5						16.45	93.72%
Unable to evaluate QC.								
Selenium†	3.2	0.0014332	mg/L	0.00356967	0.0014332	mg/L	0.00356967	249.07%
QC value within limits for Selenium Recovery = Not calculated								
Silver†	47.2	0.0001866	mg/L	0.00018254	0.0001866	mg/L	0.00018254	97.81%
QC value within limits for Silver Recovery = Not calculated								
Sodium†	182.5	0.171920	mg/L	0.0922284	0.171920	mg/L	0.0922284	53.65%
QC value within limits for Sodium Recovery = Not calculated								
Thallium†	-0.1	-0.0000260	mg/L	0.00320796	-0.0000260	mg/L	0.00320796	>999.9%
QC value within limits for Thallium Recovery = Not calculated								
Tin†	1.8	0.0003105	mg/L	0.00120320	0.0003105	mg/L	0.00120320	387.49%
QC value within limits for Tin Recovery = Not calculated								
Titanium†	167.1	0.0002294	mg/L	0.00003405	0.0002294	mg/L	0.00003405	14.84%
QC value within limits for Titanium Recovery = Not calculated								
Vanadium†	-77.9	-0.0003360	mg/L	0.00080317	-0.0003360	mg/L	0.00080317	239.01%
QC value within limits for Vanadium Recovery = Not calculated								
Zinc†	20.8	0.0004389	mg/L	0.00044885	0.0004389	mg/L	0.00044885	102.27%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 19
Sample ID: 42818-001 MS 2
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 88
Date Collected: 2/26/2009 11:00:31 AM
Data Type: Reprocessed on 2/26/2009 1:39:32 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-001 MS 2

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1149990.6	99.7	%	0.64				0.64%
Yittrium	428603.4	97.8	%	0.13				0.13%
Aluminumt	137377.7	4.89961	mg/L	0.009901	4.89961	mg/L	0.009901	0.20%
Antimonyt	1644.5	0.455739	mg/L	0.0028194	0.455739	mg/L	0.0028194	0.62%
Arsenict	1063.0	0.466285	mg/L	0.0033735	0.466285	mg/L	0.0033735	0.72%
Bariumt	89949.6	0.503026	mg/L	0.0024001	0.503026	mg/L	0.0024001	0.48%
Berylliumt	1764385.3	0.481605	mg/L	0.0061838	0.481605	mg/L	0.0061838	1.28%
Cadmiumt	33756.8	0.484508	mg/L	0.0008626	0.484508	mg/L	0.0008626	0.18%
Calciumt	6519744.7	48.4081	mg/L	0.62046	48.4081	mg/L	0.62046	1.28%
Chromiumt	56463.4	0.487614	mg/L	0.0015878	0.487614	mg/L	0.0015878	0.33%
Cobaltt	27792.3	0.485948	mg/L	0.0008362	0.485948	mg/L	0.0008362	0.17%
Coppert	75593.2	0.478449	mg/L	0.0014499	0.478449	mg/L	0.0014499	0.30%
Iront	113851.1	4.61280	mg/L	0.098476	4.61280	mg/L	0.098476	2.13%
Leadt	8061.4	0.479503	mg/L	0.0000828	0.479503	mg/L	0.0000828	0.02%
Magnesiumt	1211826.9	48.2131	mg/L	0.50046	48.2131	mg/L	0.50046	1.04%
Manganeset	321021.4	0.488463	mg/L	0.0023659	0.488463	mg/L	0.0023659	0.48%
Molybdenumt	7691.0	0.383432	mg/L	0.0215221	0.383432	mg/L	0.0215221	5.61%
Nickelt	33857.7	0.489866	mg/L	0.0014135	0.489866	mg/L	0.0014135	0.29%
Potassiumt	3886.5						119.41	3.07%
Seleniumt	1046.5	0.478902	mg/L	0.0142413	0.478902	mg/L	0.0142413	2.97%
Silvert	23625.4	0.0934768	mg/L	0.00026282	0.0934768	mg/L	0.00026282	0.28%
Sodiumt	49718.3	46.8757	mg/L	0.11574	46.8757	mg/L	0.11574	0.25%
Thalliumt	1188.7	0.510328	mg/L	0.0034869	0.510328	mg/L	0.0034869	0.68%
Tint	2777.6	0.467382	mg/L	0.0102043	0.467382	mg/L	0.0102043	2.18%
Titaniumt	349889.9	0.480254	mg/L	0.0018163	0.480254	mg/L	0.0018163	0.38%
Vanadiumt	84314.1	0.471432	mg/L	0.0063913	0.471432	mg/L	0.0063913	1.36%
Zinct	23482.1	0.495931	mg/L	0.0018381	0.495931	mg/L	0.0018381	0.37%

Sequence No.: 20
Sample ID: 42818-001 PS
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 89
Date Collected: 2/26/2009 11:03:53 AM
Data Type: Reprocessed on 2/26/2009 1:39:33 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-001 PS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1166517.5	101	%	0.1				0.11%
Yittrium	426816.6	97.4	%	0.79				0.81%
Aluminumt	142370.3	5.07737	mg/L	0.024434	5.07737	mg/L	0.024434	0.48%
Antimonyt	1299.0	0.360245	mg/L	0.0348376	0.360245	mg/L	0.0348376	9.67%
Arsenict	1137.4	0.498999	mg/L	0.0107078	0.498999	mg/L	0.0107078	2.15%
Bariumt	93584.3	0.523352	mg/L	0.0001840	0.523352	mg/L	0.0001840	0.04%
Berylliumt	1861970.9	0.508248	mg/L	0.0035492	0.508248	mg/L	0.0035492	0.70%
Cadmiumt	35201.1	0.505237	mg/L	0.0000007	0.505237	mg/L	0.0000007	0.00%
Calciumt	6864523.0	50.9680	mg/L	0.34332	50.9680	mg/L	0.34332	0.67%
Chromiumt	58683.3	0.506929	mg/L	0.0016810	0.506929	mg/L	0.0016810	0.33%
Cobaltt	29245.7	0.511441	mg/L	0.0040023	0.511441	mg/L	0.0040023	0.78%
Coppert	78700.2	0.498114	mg/L	0.0022152	0.498114	mg/L	0.0022152	0.44%
Iront	119059.9	4.82384	mg/L	0.116681	4.82384	mg/L	0.116681	2.42%
Leadt	8468.7	0.503807	mg/L	0.0058188	0.503807	mg/L	0.0058188	1.15%
Magnesiumt	1279022.8	50.8865	mg/L	0.27941	50.8865	mg/L	0.27941	0.55%
Manganeset	333704.1	0.507760	mg/L	0.0001810	0.507760	mg/L	0.0001810	0.04%
Molybdenumt	8380.4	0.417987	mg/L	0.0223028	0.417987	mg/L	0.0223028	5.34%
Nickelt	35415.5	0.512418	mg/L	0.0002964	0.512418	mg/L	0.0002964	0.06%
Potassiumt	4092.3						70.07	1.71%
Seleniumt	1104.5	0.505412	mg/L	0.0091572	0.505412	mg/L	0.0091572	1.81%
Silvert	21666.3	0.0857254	mg/L	0.00008167	0.0857254	mg/L	0.00008167	0.10%
Sodiumt	52267.5	49.2718	mg/L	0.19147	49.2718	mg/L	0.19147	0.39%
Thalliumt	1259.8	0.540884	mg/L	0.0070447	0.540884	mg/L	0.0070447	1.30%
Tint	2898.3	0.487644	mg/L	0.0098244	0.487644	mg/L	0.0098244	2.01%
Titaniumt	362829.4	0.498014	mg/L	0.0004281	0.498014	mg/L	0.0004281	0.09%
Vanadiumt	88897.2	0.497117	mg/L	0.0048172	0.497117	mg/L	0.0048172	0.97%
Zinct	25310.2	0.534562	mg/L	0.0027781	0.534562	mg/L	0.0027781	0.52%

Sequence No.: 21
Sample ID: 42818-001 SD
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 90
Date Collected: 2/26/2009 11:08:20 AM
Data Type: Reprocessed on 2/26/2009 1:39:34 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-001 SD

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1172003.6	102	%	0.4				0.37%
Yittrium	442397.7	101	%	0.5				0.45%
Aluminumt	1834.6	0.0651902	mg/L	0.00827643	0.0651902	mg/L	0.00827643	12.70%
Antimonyt	34.9	0.0096583	mg/L	0.00243460	0.0096583	mg/L	0.00243460	25.21%
Arsenict	3.8	0.0016554	mg/L	0.00304605	0.0016554	mg/L	0.00304605	184.01%
Bariumt	95.9	0.0005351	mg/L	0.00004337	0.0005351	mg/L	0.00004337	8.10%
Berylliumt	477.0	0.0001293	mg/L	0.00000957	0.0001293	mg/L	0.00000957	7.40%
Cadmiumt	-3.1	-0.0000449	mg/L	0.00031824	-0.0000449	mg/L	0.00031824	708.68%
Calciumt	8836.0	0.0656060	mg/L	0.00336870	0.0656060	mg/L	0.00336870	5.13%
Chromiumt	-31.4	-0.0001104	mg/L	0.00019446	-0.0001104	mg/L	0.00019446	176.15%
Cobaltt	5.6	0.0001880	mg/L	0.00017448	0.0001880	mg/L	0.00017448	92.82%
Coppert	153.3	0.0009703	mg/L	0.00091629	0.0009703	mg/L	0.00091629	94.44%
Iront	285.1	0.0115504	mg/L	0.00127453	0.0115504	mg/L	0.00127453	11.03%
Leadt	13.8	0.0008425	mg/L	0.00060018	0.0008425	mg/L	0.00060018	71.24%
Magnesiumt	388.2	0.0154459	mg/L	0.00040363	0.0154459	mg/L	0.00040363	2.61%
Manganeset	267.8	0.0004075	mg/L	0.00002897	0.0004075	mg/L	0.00002897	7.11%
Molybdenumt	426.0	0.0217446	mg/L	0.00233246	0.0217446	mg/L	0.00233246	10.73%
Nickelt	-0.0	0.0000158	mg/L	0.00030650	0.0000158	mg/L	0.00030650	>999.9%
Potassiumt	-33.2						40.24	121.27%
Seleniumt	0.8	0.0003889	mg/L	0.00325716	0.0003889	mg/L	0.00325716	837.47%
Silvert	16.5	0.0000651	mg/L	0.00031769	0.0000651	mg/L	0.00031769	487.63%
Sodiumt	252.2	0.236346	mg/L	0.0418184	0.236346	mg/L	0.0418184	17.69%
Thalliumt	1.1	0.0005028	mg/L	0.00013764	0.0005028	mg/L	0.00013764	27.38%
Tint	2.5	0.0004238	mg/L	0.00064527	0.0004238	mg/L	0.00064527	152.26%
Titaniumt	978.2	0.0013427	mg/L	0.00137670	0.0013427	mg/L	0.00137670	102.54%
Vanadiumt	-187.5	-0.0009563	mg/L	0.00008965	-0.0009563	mg/L	0.00008965	9.38%
Zinct	262.7	0.0055590	mg/L	0.00010425	0.0055590	mg/L	0.00010425	1.88%

Sequence No.: 22
Sample ID: 42818-002
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 91
Date Collected: 2/26/2009 11:11:28 AM
Data Type: Reprocessed on 2/26/2009 1:39:35 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-002

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1184052.8	103	%	2.2				2.15%
Yittrium	444497.0	101	%	2.1				2.06%
Aluminumt	3282.9	0.117131	mg/L	0.0171136	0.117131	mg/L	0.0171136	14.61%
Antimonyt	-8.3	-0.0023057	mg/L	0.00231735	-0.0023057	mg/L	0.00231735	100.51%
Arsenict	-4.2	-0.0019323	mg/L	0.00255798	-0.0019323	mg/L	0.00255798	132.38%
Bariumt	429.3	0.0023982	mg/L	0.00012149	0.0023982	mg/L	0.00012149	5.07%
Berylliumt	456.0	0.0001227	mg/L	0.00000197	0.0001227	mg/L	0.00000197	1.61%
Cadmiumt	-18.6	-0.0002698	mg/L	0.00032496	-0.0002698	mg/L	0.00032496	120.46%
Calciumt	158950.5	1.18018	mg/L	0.003384	1.18018	mg/L	0.003384	0.29%
Chromiumt	-2.5	0.0000243	mg/L	0.00025976	0.0000243	mg/L	0.00025976	>999.9%
Cobaltt	4.2	0.0000952	mg/L	0.00010545	0.0000952	mg/L	0.00010545	110.79%
Coppert	77.2	0.0004887	mg/L	0.00055198	0.0004887	mg/L	0.00055198	112.95%
Iront	2136.5	0.0865620	mg/L	0.00087726	0.0865620	mg/L	0.00087726	1.01%
Leadt	3.6	0.0002178	mg/L	0.00006963	0.0002178	mg/L	0.00006963	31.97%
Magnesiumt	4825.8	0.191998	mg/L	0.0024563	0.191998	mg/L	0.0024563	1.28%
Manganeset	2450.7	0.0037290	mg/L	0.00005019	0.0037290	mg/L	0.00005019	1.35%
Molybdenumt	123.5	0.0060411	mg/L	0.00014899	0.0060411	mg/L	0.00014899	2.47%
Nickelt	-50.0	-0.0007187	mg/L	0.00028608	-0.0007187	mg/L	0.00028608	39.80%
Potassiumt	-26.4						69.91	264.57%
Seleniumt	4.5	0.0021000	mg/L	0.00223655	0.0021000	mg/L	0.00223655	106.50%
Silvert	112.2	0.0004439	mg/L	0.00015752	0.0004439	mg/L	0.00015752	35.48%
Sodiumt	774.7	0.726474	mg/L	0.0838136	0.726474	mg/L	0.0838136	11.54%
Thalliumt	6.3	0.0027135	mg/L	0.00148756	0.0027135	mg/L	0.00148756	54.82%
Tint	24.8	0.0041055	mg/L	0.00004671	0.0041055	mg/L	0.00004671	1.14%
Titaniumt	1866.4	0.0025617	mg/L	0.00002714	0.0025617	mg/L	0.00002714	1.06%
Vanadiumt	-274.3	-0.0015241	mg/L	0.00075482	-0.0015241	mg/L	0.00075482	49.53%
Zinct	637.5	0.0134736	mg/L	0.00004697	0.0134736	mg/L	0.00004697	0.35%

Sequence No.: 23
Sample ID: 42818-003
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 92
Date Collected: 2/26/2009 11:14:36 AM
Data Type: Reprocessed on 2/26/2009 1:39:36 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-003

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1190977.9	103	%	1.1				1.03%
Yittrium	446845.5	102	%	0.8				0.81%
Aluminumt	1787.9	0.0637795	mg/L	0.01489413	0.0637795	mg/L	0.01489413	23.35%
Antimonyt	-6.3	-0.0017461	mg/L	0.00072490	-0.0017461	mg/L	0.00072490	41.52%
Arsenict	1.2	0.0005070	mg/L	0.00000985	0.0005070	mg/L	0.00000985	1.94%
Bariumt	227.4	0.0012705	mg/L	0.00008870	0.0012705	mg/L	0.00008870	6.98%
Berylliumt	284.1	0.0000773	mg/L	0.00002438	0.0000773	mg/L	0.00002438	31.54%
Cadmiumt	-24.7	-0.0003553	mg/L	0.00022216	-0.0003553	mg/L	0.00022216	62.52%
Calciumt	35440.3	0.263139	mg/L	0.0092730	0.263139	mg/L	0.0092730	3.52%
Chromiumt	-7.7	-0.0000359	mg/L	0.00007406	-0.0000359	mg/L	0.00007406	206.16%
Cobaltt	-4.1	-0.0000550	mg/L	0.00025460	-0.0000550	mg/L	0.00025460	462.93%
Coppert	230.8	0.0014608	mg/L	0.00014813	0.0014608	mg/L	0.00014813	10.14%
Iront	440.0	0.0178269	mg/L	0.00110765	0.0178269	mg/L	0.00110765	6.21%
Leadt	8.7	0.0005038	mg/L	0.00013964	0.0005038	mg/L	0.00013964	27.72%
Magnesiumt	782.7	0.0311402	mg/L	0.00708593	0.0311402	mg/L	0.00708593	22.75%
Manganeset	473.7	0.0007208	mg/L	0.00008520	0.0007208	mg/L	0.00008520	11.82%
Molybdenumt	80.6	0.0037983	mg/L	0.00014399	0.0037983	mg/L	0.00014399	3.79%
Nickelt	152.2	0.0022045	mg/L	0.00003876	0.0022045	mg/L	0.00003876	1.76%
Potassiumt	-88.8						66.08	74.41%
Seleniumt	-1.6	-0.0007025	mg/L	0.00056196	-0.0007025	mg/L	0.00056196	79.99%
Silvert	15.8	0.0000627	mg/L	0.00017025	0.0000627	mg/L	0.00017025	271.70%
Sodiumt	747.4	0.698040	mg/L	0.0327975	0.698040	mg/L	0.0327975	4.70%
Thalliumt	-3.7	-0.0015688	mg/L	0.00520581	-0.0015688	mg/L	0.00520581	331.83%
Tint	6.3	0.0010544	mg/L	0.00036714	0.0010544	mg/L	0.00036714	34.82%
Titaniumt	299.0	0.0004105	mg/L	0.00011671	0.0004105	mg/L	0.00011671	28.44%
Vanadiumt	-252.7	-0.0014008	mg/L	0.00062032	-0.0014008	mg/L	0.00062032	44.28%
Zinct	882.9	0.0186801	mg/L	0.00007213	0.0186801	mg/L	0.00007213	0.39%

Sequence No.: 24
Sample ID: 42869-001
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 93
Date Collected: 2/26/2009 11:17:44 AM
Data Type: Reprocessed on 2/26/2009 1:39:37 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42869-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1134480.3	98.4	%	0.46				0.47%
Yittrium	441394.5	101	%	0.6				0.63%
Aluminumt	168096.6	6.00188	mg/L	0.059278	6.00188	mg/L	0.059278	0.99%
Antimonyt	14.2	0.0029677	mg/L	0.00104237	0.0029677	mg/L	0.00104237	35.12%
Arsenict	30.1	0.0050080	mg/L	0.00251902	0.0050080	mg/L	0.00251902	50.30%
Bariumt	12210.1	0.0679054	mg/L	0.00006978	0.0679054	mg/L	0.00006978	0.10%
Berylliumt	1147.2	0.0002638	mg/L	0.00001002	0.0002638	mg/L	0.00001002	3.80%
Cadmiumt	59.7	0.0004347	mg/L	0.00006028	0.0004347	mg/L	0.00006028	13.87%
Calciumt	31174054.7	231.463	mg/L	6.6223	231.463	mg/L	6.6223	2.86%
Chromiumt	21792.4	0.187256	mg/L	0.0009368	0.187256	mg/L	0.0009368	0.50%
Cobaltt	324.2	0.0056048	mg/L	0.00037614	0.0056048	mg/L	0.00037614	6.71%
Coppert	2742.3	0.0173567	mg/L	0.00033077	0.0173567	mg/L	0.00033077	1.91%
Iront	407893.8	16.5263	mg/L	0.57531	16.5263	mg/L	0.57531	3.48%
Leadt	74.5	0.0107690	mg/L	0.00013214	0.0107690	mg/L	0.00013214	1.23%
Magnesiumt	1254497.1	49.9108	mg/L	0.11773	49.9108	mg/L	0.11773	0.24%
Manganeset	435495.1	0.662644	mg/L	0.0031116	0.662644	mg/L	0.0031116	0.47%
Molybdenumt	443.1	0.0103133	mg/L	0.00070472	0.0103133	mg/L	0.00070472	6.83%
Nickelt	862.6	0.0124895	mg/L	0.00005757	0.0124895	mg/L	0.00005757	0.46%
Potassiumt	582.2						72.39	12.43%
Seleniumt	-48.5	-0.0075656	mg/L	0.00591991	-0.0075656	mg/L	0.00591991	78.25%
Silvert	51.4	0.0002033	mg/L	0.00016242	0.0002033	mg/L	0.00016242	79.89%
Sodiumt	19932.4	18.7928	mg/L	0.11257	18.7928	mg/L	0.11257	0.60%
Thalliumt	-35.5	-0.0097010	mg/L	0.00067732	-0.0097010	mg/L	0.00067732	6.98%
Tint	181.7	0.0114619	mg/L	0.00053544	0.0114619	mg/L	0.00053544	4.67%
Titaniumt	50603.2	0.0694572	mg/L	0.00212310	0.0694572	mg/L	0.00212310	3.06%
Vanadiumt	3016.3	0.0134842	mg/L	0.00026718	0.0134842	mg/L	0.00026718	1.98%
Zinct	2247.9	0.0439266	mg/L	0.00004349	0.0439266	mg/L	0.00004349	0.10%

Sequence No.: 25
Sample ID: 42869-002
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 94
Date Collected: 2/26/2009 11:21:12 AM
Data Type: Reprocessed on 2/26/2009 1:39:39 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42869-002

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1266247.5	110	%	0.2				0.16%
Yittrium	1082358.7	247	%	0.2				0.09%
Aluminumt	2708188.1	96.7007	mg/L	1.15525	96.7007	mg/L	1.15525	1.19%
Antimonyt	45.3	-0.0004470	mg/L	0.00085917	-0.0004470	mg/L	0.00085917	192.22%
Arsenict	153.9	0.0551845	mg/L	0.00161352	0.0551845	mg/L	0.00161352	2.92%
Bariumt	171035.9	0.951649	mg/L	0.0173492	0.951649	mg/L	0.0173492	1.82%
Berylliumt	71943.4	0.0194847	mg/L	0.00041806	0.0194847	mg/L	0.00041806	2.15%
Cadmiumt	357.1	0.0001610	mg/L	0.00031457	0.0001610	mg/L	0.00031457	195.33%
Calciumt	Saturated3							
Chromiumt	29194.1	0.250771	mg/L	0.0047742	0.250771	mg/L	0.0047742	1.90%
Cobaltt	8596.0	0.149674	mg/L	0.0007088	0.149674	mg/L	0.0007088	0.47%
Coppert	43723.2	0.276736	mg/L	0.0048907	0.276736	mg/L	0.0048907	1.77%
Iront	4796693.0	194.343	mg/L	3.3010	194.343	mg/L	3.3010	1.70%
Leadt	3928.4	0.175116	mg/L	0.0009345	0.175116	mg/L	0.0009345	0.53%
Magnesiumt	5690333.8	226.393	mg/L	0.4721	226.393	mg/L	0.4721	0.21%
Manganeset	5360966.0	8.15719	mg/L	0.038296	8.15719	mg/L	0.038296	0.47%
Molybdenumt	366.8	0.0031671	mg/L	0.00070124	0.0031671	mg/L	0.00070124	22.14%
Nickelt	30173.9	0.436319	mg/L	0.0100590	0.436319	mg/L	0.0100590	2.31%
Potassiumt	1601.2						0.21	0.01%
Seleniumt	-62.9	-0.0245619	mg/L	0.00188861	-0.0245619	mg/L	0.00188861	7.69%
Silvert	-1401.6	-0.0055455	mg/L	0.00017785	-0.0055455	mg/L	0.00017785	3.21%
Sodiumt	26160.1	24.4272	mg/L	0.37306	24.4272	mg/L	0.37306	1.53%
Thalliumt	-79.4	-0.0164055	mg/L	0.00094095	-0.0164055	mg/L	0.00094095	5.74%
Tint	88.5	0.0411638	mg/L	0.00315882	0.0411638	mg/L	0.00315882	7.67%
Titaniumt	170286.1	0.233732	mg/L	0.0039415	0.233732	mg/L	0.0039415	1.69%
Vanadiumt	16952.4	0.0748867	mg/L	0.00315185	0.0748867	mg/L	0.00315185	4.21%
Zinct	44592.5	0.945730	mg/L	0.0210396	0.945730	mg/L	0.0210396	2.22%

Sequence No.: 26
Sample ID: 42869-002 2D
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 103
Date Collected: 2/26/2009 11:25:43 AM
Data Type: Reprocessed on 2/26/2009 1:39:40 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42869-002 2D

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1196715.8	104	%	0.3				0.30%
Yittrium	750003.9	171	%	0.5				0.27%
Aluminumt	1404702.6	50.1573	mg/L	0.09551	50.1573	mg/L	0.09551	0.19%
Antimonyt	28.2	0.0006249	mg/L	0.00045153	0.0006249	mg/L	0.00045153	72.26%
Arsenict	93.8	0.0214354	mg/L	0.00039282	0.0214354	mg/L	0.00039282	1.83%
Bariumt	91589.2	0.509582	mg/L	0.0020337	0.509582	mg/L	0.0020337	0.40%
Berylliumt	38547.7	0.0104455	mg/L	0.00000575	0.0104455	mg/L	0.00000575	0.06%
Cadmiumt	179.6	-0.0001543	mg/L	0.00008858	-0.0001543	mg/L	0.00008858	57.41%
Calciumt	67174043.7	498.757	mg/L	3.4389	498.757	mg/L	3.4389	0.69%
Chromiumt	15693.8	0.134892	mg/L	0.0020819	0.134892	mg/L	0.0020819	1.54%
Cobaltt	4637.9	0.0808229	mg/L	0.00109698	0.0808229	mg/L	0.00109698	1.36%
Coppert	22955.4	0.145291	mg/L	0.0008142	0.145291	mg/L	0.0008142	0.56%
Iront	2640209.5	106.971	mg/L	1.1592	106.971	mg/L	1.1592	1.08%
Leadt	2027.8	0.111819	mg/L	0.0036289	0.111819	mg/L	0.0036289	3.25%
Magnesiumt	3044013.5	121.108	mg/L	0.2142	121.108	mg/L	0.2142	0.18%
Manganeset	2902195.0	4.41595	mg/L	0.013618	4.41595	mg/L	0.013618	0.31%
Molybdenumt	423.8	-0.0118120	mg/L	0.00044608	-0.0118120	mg/L	0.00044608	3.78%
Nickelt	16270.1	0.235277	mg/L	0.0030711	0.235277	mg/L	0.0030711	1.31%
Potassiumt	749.2						71.35	9.52%
Seleniumt	-63.5	0.0033703	mg/L	0.00430777	0.0033703	mg/L	0.00430777	127.81%
Silvert	-697.9	-0.0027613	mg/L	0.00048702	-0.0027613	mg/L	0.00048702	17.64%
Sodiumt	13006.7	12.1313	mg/L	0.05519	12.1313	mg/L	0.05519	0.45%
Thalliumt	-57.3	-0.0088947	mg/L	0.00079088	-0.0088947	mg/L	0.00079088	8.89%
Tint	138.2	-0.0086632	mg/L	0.00060924	-0.0086632	mg/L	0.00060924	7.03%
Titaniumt	85616.0	0.117515	mg/L	0.0003721	0.117515	mg/L	0.0003721	0.32%
Vanadiumt	9507.2	0.0424636	mg/L	0.00030073	0.0424636	mg/L	0.00030073	0.71%
Zinct	24195.1	0.505532	mg/L	0.0108830	0.505532	mg/L	0.0108830	2.15%

Sequence No.: 27
Sample ID: ICSA V-60052
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/26/2009 11:30:30 AM
Data Type: Reprocessed on 2/26/2009 1:39:41 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-60052

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1044326.1	90.6	%	0.88				0.97%
Yittrium	386780.3	88.3	%	0.86				0.97%
Aluminumt	14241644.3	508.525	mg/L	12.9521	508.525	mg/L	12.9521	2.55%
QC value within limits for Aluminum Recovery = 101.70%								
Antimonyt	42.8	-0.0026437	mg/L	0.00134562	-0.0026437	mg/L	0.00134562	50.90%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	123.0	0.0050650	mg/L	0.00474620	0.0050650	mg/L	0.00474620	93.71%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	1236.3	-0.0053707	mg/L	0.00015520	-0.0053707	mg/L	0.00015520	2.89%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-2412.6	-0.0006605	mg/L	0.00003280	-0.0006605	mg/L	0.00003280	4.97%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	211.4	-0.0019129	mg/L	0.00005249	-0.0019129	mg/L	0.00005249	2.74%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	64954210.2	482.275	mg/L	11.6123	482.275	mg/L	11.6123	2.41%
QC value within limits for Calcium Recovery = 96.46%								
Chromiumt	-224.0	-0.0018293	mg/L	0.00021387	-0.0018293	mg/L	0.00021387	11.69%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-261.0	-0.0045075	mg/L	0.00002142	-0.0045075	mg/L	0.00002142	0.48%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	694.4	0.0043952	mg/L	0.00019955	0.0043952	mg/L	0.00019955	4.54%
QC value within limits for Copper Recovery = Not calculated								
Iront	4779565.4	193.649	mg/L	0.5586	193.649	mg/L	0.5586	0.29%
QC value within limits for Iron Recovery = 96.82%								
Leadt	3928.6	-0.0076047	mg/L	0.00328711	-0.0076047	mg/L	0.00328711	43.22%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	12853436.4	511.380	mg/L	12.6551	511.380	mg/L	12.6551	2.47%
QC value within limits for Magnesium Recovery = 102.28%								
Manganeset	-1527.2	-0.0023238	mg/L	0.00019169	-0.0023238	mg/L	0.00019169	8.25%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	252.5	-0.0082974	mg/L	0.00088426	-0.0082974	mg/L	0.00088426	10.66%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-259.6	-0.0037434	mg/L	0.00042091	-0.0037434	mg/L	0.00042091	11.24%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	-1040.8						15.59	1.50%
Unable to evaluate QC.								
Seleniumt	-54.1	-0.0031181	mg/L	0.00791272	-0.0031181	mg/L	0.00791272	253.77%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-1345.9	-0.0053250	mg/L	0.00039216	-0.0053250	mg/L	0.00039216	7.36%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-43.9	-0.0341576	mg/L	0.10179117	-0.0341576	mg/L	0.10179117	298.00%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-97.0	0.0053870	mg/L	0.00215715	0.0053870	mg/L	0.00215715	40.04%
QC value within limits for Thallium Recovery = Not calculated								
Tint	143.1	0.0053672	mg/L	0.00033704	0.0053672	mg/L	0.00033704	6.28%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	1511.5	0.0020746	mg/L	0.00002042	0.0020746	mg/L	0.00002042	0.98%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	3266.3	-0.0186240	mg/L	0.00026698	-0.0186240	mg/L	0.00026698	1.43%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-886.8	-0.0181342	mg/L	0.00022344	-0.0181342	mg/L	0.00022344	1.23%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 28
Sample ID: ICSAB V-61024
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 2/26/2009 11:35:37 AM
Data Type: Reprocessed on 2/26/2009 1:39:42 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1045643.2	90.7	%	0.25				0.28%
Yittrium	389943.1	89.0	%	0.38				0.43%
Aluminumt	14304261.6	510.761	mg/L	5.7707	510.761	mg/L	5.7707	1.13%
QC value within limits for Aluminum Recovery = 102.15%								
Antimonyt	3643.9	0.992914	mg/L	0.0088922	0.992914	mg/L	0.0088922	0.90%
QC value within limits for Antimony Recovery = 99.29%								
Arsenict	2340.0	0.985933	mg/L	0.0164051	0.985933	mg/L	0.0164051	1.66%
QC value within limits for Arsenic Recovery = 98.59%								
Bariumt	92441.8	0.504824	mg/L	0.0077523	0.504824	mg/L	0.0077523	1.54%
QC value within limits for Barium Recovery = 100.96%								
Berylliumt	1836827.6	0.501734	mg/L	0.0007528	0.501734	mg/L	0.0007528	0.15%
QC value within limits for Beryllium Recovery = 100.35%								
Cadmiumt	71643.2	1.02361	mg/L	0.013092	1.02361	mg/L	0.013092	1.28%
QC value within limits for Cadmium Recovery = 102.36%								
Calciumt	65185304.4	483.991	mg/L	6.4244	483.991	mg/L	6.4244	1.33%
QC value within limits for Calcium Recovery = 96.80%								
Chromiumt	57173.2	0.490934	mg/L	0.0054653	0.490934	mg/L	0.0054653	1.11%
QC value within limits for Chromium Recovery = 98.19%								
Cobaltt	27519.1	0.480608	mg/L	0.0080531	0.480608	mg/L	0.0080531	1.68%
QC value within limits for Cobalt Recovery = 96.12%								
Coppert	83871.2	0.530843	mg/L	0.0006774	0.530843	mg/L	0.0006774	0.13%
QC value within limits for Copper Recovery = 106.17%								
Iront	4760183.3	192.864	mg/L	0.2020	192.864	mg/L	0.2020	0.10%
QC value within limits for Iron Recovery = 96.43%								
Leadt	20013.4	0.947427	mg/L	0.0079144	0.947427	mg/L	0.0079144	0.84%
QC value within limits for Lead Recovery = 94.74%								
Magnesiumt	12900004.5	513.233	mg/L	8.2669	513.233	mg/L	8.2669	1.61%
QC value within limits for Magnesium Recovery = 102.65%								
Manganeset	322804.8	0.491176	mg/L	0.0000147	0.491176	mg/L	0.0000147	0.00%
QC value within limits for Manganese Recovery = 98.24%								
Molybdenumt	254.1	-0.0246683	mg/L	0.00025574	-0.0246683	mg/L	0.00025574	1.04%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	65180.8	0.942503	mg/L	0.0100916	0.942503	mg/L	0.0100916	1.07%
QC value within limits for Nickel Recovery = 94.25%								
Potassiumt	-1160.7						18.52	1.60%
Unable to evaluate QC.								
Seleniumt	2162.2	1.00433	mg/L	0.027385	1.00433	mg/L	0.027385	2.73%
QC value within limits for Selenium Recovery = 100.43%								
Silvert	260314.5	1.02997	mg/L	0.001468	1.02997	mg/L	0.001468	0.14%
QC value within limits for Silver Recovery = 103.00%								
Sodiumt	264.4	-0.0654469	mg/L	0.07113840	-0.0654469	mg/L	0.07113840	108.70%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	2129.4	0.956604	mg/L	0.0128722	0.956604	mg/L	0.0128722	1.35%
QC value within limits for Thallium Recovery = 95.66%								
Tint	155.0	0.0071203	mg/L	0.00026050	0.0071203	mg/L	0.00026050	3.66%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	1492.9	0.0020491	mg/L	0.00001930	0.0020491	mg/L	0.00001930	0.94%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	90932.6	0.472788	mg/L	0.0002467	0.472788	mg/L	0.0002467	0.05%
QC value within limits for Vanadium Recovery = 94.56%								
Zinct	44351.2	0.939169	mg/L	0.0038566	0.939169	mg/L	0.0038566	0.41%
QC value within limits for Zinc Recovery = 93.92%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 29
Sample ID: CCV V-60256
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/26/2009 11:40:11 AM
Data Type: Reprocessed on 2/26/2009 1:39:43 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1129835.3	98.0	%	1.49				1.52%
Yittrium	413793.1	94.4	%	0.91				0.96%
Aluminumt	139229.8	4.96427	mg/L	0.216690	4.96427	mg/L	0.216690	4.36%
QC value within limits for Aluminum Recovery = 99.29%								
Antimonyt	1768.8	0.490125	mg/L	0.0061593	0.490125	mg/L	0.0061593	1.26%
QC value within limits for Antimony Recovery = 98.03%								
Arsenict	1102.7	0.483677	mg/L	0.0069928	0.483677	mg/L	0.0069928	1.45%
QC value within limits for Arsenic Recovery = 96.74%								
Bariumt	90248.7	0.504693	mg/L	0.0203140	0.504693	mg/L	0.0203140	4.03%
QC value within limits for Barium Recovery = 100.94%								
Berylliumt	1825216.7	0.498208	mg/L	0.0133517	0.498208	mg/L	0.0133517	2.68%
QC value within limits for Beryllium Recovery = 99.64%								
Cadmiumt	34220.1	0.491151	mg/L	0.0201630	0.491151	mg/L	0.0201630	4.11%
QC value within limits for Cadmium Recovery = 98.23%								
Calciumt	6715706.1	49.8631	mg/L	1.33364	49.8631	mg/L	1.33364	2.67%
QC value within limits for Calcium Recovery = 99.73%								
Chromiumt	57571.3	0.497864	mg/L	0.0199038	0.497864	mg/L	0.0199038	4.00%
QC value within limits for Chromium Recovery = 99.57%								
Cobaltt	28434.1	0.497551	mg/L	0.0060625	0.497551	mg/L	0.0060625	1.22%
QC value within limits for Cobalt Recovery = 99.51%								
Coppert	76833.3	0.486298	mg/L	0.0204367	0.486298	mg/L	0.0204367	4.20%
QC value within limits for Copper Recovery = 97.26%								
Iront	121444.1	4.92044	mg/L	0.229966	4.92044	mg/L	0.229966	4.67%
QC value within limits for Iron Recovery = 98.41%								
Leadt	8288.0	0.493223	mg/L	0.0048495	0.493223	mg/L	0.0048495	0.98%
QC value within limits for Lead Recovery = 98.64%								
Magnesiumt	1246852.4	49.6066	mg/L	1.26596	49.6066	mg/L	1.26596	2.55%
QC value within limits for Magnesium Recovery = 99.21%								
Manganeset	324326.9	0.493492	mg/L	0.0190479	0.493492	mg/L	0.0190479	3.86%
QC value within limits for Manganese Recovery = 98.70%								
Molybdenumt	9671.9	0.484925	mg/L	0.0247528	0.484925	mg/L	0.0247528	5.10%
QC value within limits for Molybdenum Recovery = 96.98%								
Nickelt	34470.1	0.498798	mg/L	0.0208838	0.498798	mg/L	0.0208838	4.19%
QC value within limits for Nickel Recovery = 99.76%								
Potassiumt	3992.1						135.76	3.40%
Unable to evaluate QC.								
Seleniumt	1080.1	0.494245	mg/L	0.0039716	0.494245	mg/L	0.0039716	0.80%
QC value within limits for Selenium Recovery = 98.85%								
Silvert	24691.5	0.0976947	mg/L	0.00385927	0.0976947	mg/L	0.00385927	3.95%
QC value within limits for Silver Recovery = 97.69%								
Sodiumt	49326.1	46.5136	mg/L	1.82763	46.5136	mg/L	1.82763	3.93%
QC value within limits for Sodium Recovery = 93.03%								
Thalliumt	1187.7	0.510100	mg/L	0.0136078	0.510100	mg/L	0.0136078	2.67%
QC value within limits for Thallium Recovery = 102.02%								
Tint	2913.1	0.490277	mg/L	0.0076648	0.490277	mg/L	0.0076648	1.56%
QC value within limits for Tin Recovery = 98.06%								
Titaniumt	362953.1	0.498184	mg/L	0.0242295	0.498184	mg/L	0.0242295	4.86%
QC value within limits for Titanium Recovery = 99.64%								
Vanadiumt	87454.2	0.489391	mg/L	0.0205734	0.489391	mg/L	0.0205734	4.20%
QC value within limits for Vanadium Recovery = 97.88%								
Zinct	23471.7	0.495682	mg/L	0.0052615	0.495682	mg/L	0.0052615	1.06%
QC value within limits for Zinc Recovery = 99.14%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 30
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 2/26/2009 11:43:31 AM
Data Type: Reprocessed on 2/26/2009 1:39:44 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1140836.1	98.9	%	1.06				1.07%
Yittrium	434633.4	99.2	%	0.90				0.91%
Aluminumt	55.6	0.0017485	mg/L	0.00095766	0.0017485	mg/L	0.00095766	54.77%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	4.1	0.0011456	mg/L	0.00104843	0.0011456	mg/L	0.00104843	91.52%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	3.0	0.0013319	mg/L	0.00029069	0.0013319	mg/L	0.00029069	21.82%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	34.5	0.0001928	mg/L	0.00008726	0.0001928	mg/L	0.00008726	45.25%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	519.4	0.0001418	mg/L	0.00007096	0.0001418	mg/L	0.00007096	50.04%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	21.6	0.0003103	mg/L	0.00006366	0.0003103	mg/L	0.00006366	20.51%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	8784.6	0.0652246	mg/L	0.00414282	0.0652246	mg/L	0.00414282	6.35%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	28.1	0.0003601	mg/L	0.00018423	0.0003601	mg/L	0.00018423	51.16%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	18.8	0.0003984	mg/L	0.00013058	0.0003984	mg/L	0.00013058	32.78%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-98.1	-0.0006211	mg/L	0.00004075	-0.0006211	mg/L	0.00004075	6.56%
QC value within limits for Copper Recovery = Not calculated								
Iront	265.1	0.0107426	mg/L	0.00357522	0.0107426	mg/L	0.00357522	33.28%
QC value within limits for Iron Recovery = Not calculated								
Leadt	13.1	0.0008175	mg/L	0.00091790	0.0008175	mg/L	0.00091790	112.28%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	212.7	0.0084616	mg/L	0.01073320	0.0084616	mg/L	0.01073320	126.85%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	13.3	0.0000203	mg/L	0.00011082	0.0000203	mg/L	0.00011082	546.43%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	317.8	0.0162851	mg/L	0.00311940	0.0162851	mg/L	0.00311940	19.15%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	13.1	0.0002010	mg/L	0.00022487	0.0002010	mg/L	0.00022487	111.85%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	-82.5						36.46	44.18%
Unable to evaluate QC.								
Seleniumt	14.7	0.0066808	mg/L	0.00576776	0.0066808	mg/L	0.00576776	86.33%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	210.5	0.0008328	mg/L	0.00041324	0.0008328	mg/L	0.00041324	49.62%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	172.0	0.162046	mg/L	0.0069380	0.162046	mg/L	0.0069380	4.28%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	4.5	0.0019649	mg/L	0.00005081	0.0019649	mg/L	0.00005081	2.59%
QC value within limits for Thallium Recovery = Not calculated								
Tint	2.3	0.0003873	mg/L	0.00001207	0.0003873	mg/L	0.00001207	3.12%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	73.0	0.0001002	mg/L	0.00011347	0.0001002	mg/L	0.00011347	113.30%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	-154.2	-0.0007936	mg/L	0.00058352	-0.0007936	mg/L	0.00058352	73.53%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	12.3	0.0002585	mg/L	0.00037483	0.0002585	mg/L	0.00037483	144.99%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 31
Sample ID: 42869-003
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 95
Date Collected: 2/26/2009 11:46:37 AM
Data Type: Reprocessed on 2/26/2009 1:39:45 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42869-003

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1157393.6	100	%	0.3				0.34%
Yittrium	434748.2	99.2	%	0.20				0.21%
Aluminumt	41599.0	1.48507	mg/L	0.031358	1.48507	mg/L	0.031358	2.11%
Antimonyt	4.2	0.0010455	mg/L	0.00332759	0.0010455	mg/L	0.00332759	318.27%
Arsenict	19.7	0.0046528	mg/L	0.00053460	0.0046528	mg/L	0.00053460	11.49%
Bariumt	7405.3	0.0413579	mg/L	0.00012693	0.0413579	mg/L	0.00012693	0.31%
Berylliumt	8.7	-0.0000096	mg/L	0.00002878	-0.0000096	mg/L	0.00002878	298.71%
Cadmiumt	4.1	-0.0000028	mg/L	0.00011811	-0.0000028	mg/L	0.00011811	>999.9%
Calciumt	17110061.4	127.040	mg/L	1.4297	127.040	mg/L	1.4297	1.13%
Chromiumt	701.9	0.0061778	mg/L	0.00006972	0.0061778	mg/L	0.00006972	1.13%
Cobaltt	50.3	0.0009312	mg/L	0.00021549	0.0009312	mg/L	0.00021549	23.14%
Coppert	648.0	0.0041016	mg/L	0.00025202	0.0041016	mg/L	0.00025202	6.14%
Iront	58899.6	2.38638	mg/L	0.107921	2.38638	mg/L	0.107921	4.52%
Leadt	-94.1	-0.0008341	mg/L	0.00016600	-0.0008341	mg/L	0.00016600	19.90%
Magnesiumt	414935.9	16.5084	mg/L	0.30396	16.5084	mg/L	0.30396	1.84%
Manganeset	62569.8	0.0952055	mg/L	0.00151109	0.0952055	mg/L	0.00151109	1.59%
Molybdenumt	407.4	0.0140290	mg/L	0.00109222	0.0140290	mg/L	0.00109222	7.79%
Nickelt	501.6	0.0072692	mg/L	0.00009191	0.0072692	mg/L	0.00009191	1.26%
Potassiumt	510.4						48.26	9.45%
Seleniumt	-39.9	-0.0103657	mg/L	0.00310005	-0.0103657	mg/L	0.00310005	29.91%
Silvert	159.6	0.0006316	mg/L	0.00024938	0.0006316	mg/L	0.00024938	39.48%
Sodiumt	13526.3	12.7417	mg/L	0.23117	12.7417	mg/L	0.23117	1.81%
Thalliumt	-11.0	-0.0023632	mg/L	0.00151467	-0.0023632	mg/L	0.00151467	64.09%
Tint	147.5	0.0135064	mg/L	0.00021656	0.0135064	mg/L	0.00021656	1.60%
Titaniumt	12251.0	0.0168156	mg/L	0.00105013	0.0168156	mg/L	0.00105013	6.25%
Vanadiumt	844.4	0.0037689	mg/L	0.00028089	0.0037689	mg/L	0.00028089	7.45%
Zinct	1351.4	0.0265837	mg/L	0.00007813	0.0265837	mg/L	0.00007813	0.29%

Sequence No.: 32
Sample ID: 42869-004
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 96
Date Collected: 2/26/2009 11:50:04 AM
Data Type: Reprocessed on 2/26/2009 1:39:46 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42869-004

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	1604276.4	139	%	0.6				0.45%
Yittrium	1902982.5	434	%	1.7				0.38%
Aluminumt	4967697.2	177.381	mg/L	0.4643	177.381	mg/L	0.4643	0.26%
Antimonyt	139.2	0.0005640	mg/L	0.00359321	0.0005640	mg/L	0.00359321	637.05%
Arsenict	455.4	0.178076	mg/L	0.0019059	0.178076	mg/L	0.0019059	1.07%
Bariumt	280258.3	1.55461	mg/L	0.000214	1.55461	mg/L	0.000214	0.01%
Berylliumt	132540.0	0.0358023	mg/L	0.00000431	0.0358023	mg/L	0.00000431	0.01%
Cadmiumt	954.1	-0.0007673	mg/L	0.00003911	-0.0007673	mg/L	0.00003911	5.10%
Calciumt	50166420.9	372.478	mg/L	2.8765	372.478	mg/L	2.8765	0.77%
Chromiumt	43018.7	0.369393	mg/L	0.0003953	0.369393	mg/L	0.0003953	0.11%
Cobaltt	16013.4	0.278436	mg/L	0.0003215	0.278436	mg/L	0.0003215	0.12%
Coppert	88945.5	0.562960	mg/L	0.0009715	0.562960	mg/L	0.0009715	0.17%
Iront	13974577.0	566.195	mg/L	5.2345	566.195	mg/L	5.2345	0.92%
Leadt	10564.4	0.525743	mg/L	0.0012983	0.525743	mg/L	0.0012983	0.25%
Magnesiumt	2277250.6	90.6015	mg/L	0.22854	90.6015	mg/L	0.22854	0.25%
Manganeset	12596065.3	19.1660	mg/L	0.13600	19.1660	mg/L	0.13600	0.71%
Molybdenumt	192.8	-0.0482435	mg/L	0.00123806	-0.0482435	mg/L	0.00123806	2.57%
Nickelt	64376.1	0.930865	mg/L	0.0005534	0.930865	mg/L	0.0005534	0.06%
Potassiumt	-1242.2						38.16	3.07%
Seleniumt	-30.7	0.0165952	mg/L	0.00983783	0.0165952	mg/L	0.00983783	59.28%
Silvert	-5075.3	-0.0200809	mg/L	0.00004875	-0.0200809	mg/L	0.00004875	0.24%
Sodiumt	10016.4	8.87715	mg/L	0.054367	8.87715	mg/L	0.054367	0.61%
Thalliumt	-170.0	-0.0382436	mg/L	0.00577311	-0.0382436	mg/L	0.00577311	15.10%
Tint	-105.6	0.0235127	mg/L	0.00232431	0.0235127	mg/L	0.00232431	9.89%
Titaniumt	409632.0	0.562255	mg/L	0.0030047	0.562255	mg/L	0.0030047	0.53%
Vanadiumt	41458.9	0.207017	mg/L	0.0004952	0.207017	mg/L	0.0004952	0.24%
Zinct	111472.9	2.36194	mg/L	0.005022	2.36194	mg/L	0.005022	0.21%

Sequence No.: 33
Sample ID: 42869-004 2D
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 104
Date Collected: 2/26/2009 11:55:28 AM
Data Type: Reprocessed on 2/26/2009 1:39:47 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42869-004 2D

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1368323.0	119	%	1.6				1.39%
Yittrium	1164104.1	266	%	2.5				0.94%
Aluminumt	2929421.5	104.600	mg/L	0.1783	104.600	mg/L	0.1783	0.17%
Antimonyt	95.8	0.0022112	mg/L	0.00255081	0.0022112	mg/L	0.00255081	115.36%
Arsenict	265.4	0.103166	mg/L	0.0043585	0.103166	mg/L	0.0043585	4.22%
Bariumt	166249.2	0.921752	mg/L	0.0141738	0.921752	mg/L	0.0141738	1.54%
Berylliumt	78230.5	0.0211366	mg/L	0.00039317	0.0211366	mg/L	0.00039317	1.86%
Cadmiumt	584.1	-0.0008384	mg/L	0.00021493	-0.0008384	mg/L	0.00021493	25.63%
Calciumt	30986999.4	230.074	mg/L	1.7231	230.074	mg/L	1.7231	0.75%
Chromiumt	25506.5	0.219073	mg/L	0.0040682	0.219073	mg/L	0.0040682	1.86%
Cobaltt	9639.8	0.167675	mg/L	0.0018584	0.167675	mg/L	0.0018584	1.11%
Coppert	51198.7	0.324050	mg/L	0.0063372	0.324050	mg/L	0.0063372	1.96%
Iront	8911707.6	361.068	mg/L	3.2684	361.068	mg/L	3.2684	0.91%
Leadt	6280.2	0.312024	mg/L	0.0045886	0.312024	mg/L	0.0045886	1.47%
Magnesiumt	1354826.1	53.9024	mg/L	0.02362	53.9024	mg/L	0.02362	0.04%
Manganeset	7802497.7	11.8722	mg/L	0.06207	11.8722	mg/L	0.06207	0.52%
Molybdenumt	257.3	-0.0221974	mg/L	0.00080504	-0.0221974	mg/L	0.00080504	3.63%
Nickelt	38572.8	0.557761	mg/L	0.0091403	0.557761	mg/L	0.0091403	1.64%
Potassiumt	-620.4						130.62	21.05%
Seleniumt	-30.2	0.0052467	mg/L	0.00848095	0.0052467	mg/L	0.00848095	161.64%
Silvert	-2846.9	-0.0112642	mg/L	0.00080505	-0.0112642	mg/L	0.00080505	7.15%
Sodiumt	5707.6	5.03317	mg/L	0.175094	5.03317	mg/L	0.175094	3.48%
Thalliumt	-113.0	-0.0264603	mg/L	0.00102354	-0.0264603	mg/L	0.00102354	3.87%
Tint	7.7	0.0284215	mg/L	0.00143013	0.0284215	mg/L	0.00143013	5.03%
Titaniumt	237035.6	0.325351	mg/L	0.0049474	0.325351	mg/L	0.0049474	1.52%
Vanadiumt	24424.4	0.120982	mg/L	0.0036035	0.120982	mg/L	0.0036035	2.98%
Zinct	67360.6	1.42734	mg/L	0.011289	1.42734	mg/L	0.011289	0.79%

Sequence No.: 34
Sample ID: 42868-006
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 97
Date Collected: 2/26/2009 12:00:28 PM
Data Type: Reprocessed on 2/26/2009 1:39:48 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-006

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	1157285.0	100	%	2.2				2.16%
Yittrium	434004.5	99.0	%	2.18				2.20%
Aluminumt	95555.1	3.41177	mg/L	0.120176	3.41177	mg/L	0.120176	3.52%
Antimonyt	-3.1	-0.0009644	mg/L	0.00006233	-0.0009644	mg/L	0.00006233	6.46%
Arsenict	2.2	-0.0025580	mg/L	0.00757403	-0.0025580	mg/L	0.00757403	296.10%
Bariumt	19280.3	0.107638	mg/L	0.0028552	0.107638	mg/L	0.0028552	2.65%
Berylliumt	1103.2	0.0001786	mg/L	0.00001836	0.0001786	mg/L	0.00001836	10.28%
Cadmiumt	20.2	0.0000610	mg/L	0.00015396	0.0000610	mg/L	0.00015396	252.34%
Calciumt	6830391.2	50.7146	mg/L	1.71307	50.7146	mg/L	1.71307	3.38%
Chromiumt	1427.2	0.0123572	mg/L	0.00047500	0.0123572	mg/L	0.00047500	3.84%
Cobaltt	164.1	0.0025472	mg/L	0.00012087	0.0025472	mg/L	0.00012087	4.75%
Coppert	1668.5	0.0105602	mg/L	0.00070048	0.0105602	mg/L	0.00070048	6.63%
Iront	221748.4	8.98438	mg/L	0.527760	8.98438	mg/L	0.527760	5.87%
Leadt	487.1	0.0290351	mg/L	0.00170252	0.0290351	mg/L	0.00170252	5.86%
Magnesiumt	1230040.2	48.9377	mg/L	1.76076	48.9377	mg/L	1.76076	3.60%
Manganeset	384061.5	0.584384	mg/L	0.0172610	0.584384	mg/L	0.0172610	2.95%
Molybdenumt	280.1	0.0107548	mg/L	0.00131210	0.0107548	mg/L	0.00131210	12.20%
Nickelt	344.9	0.0049984	mg/L	0.00022351	0.0049984	mg/L	0.00022351	4.47%
Potassiumt	2389.5						84.09	3.52%
Seleniumt	-22.7	-0.0067230	mg/L	0.00170245	-0.0067230	mg/L	0.00170245	25.32%
Silvert	124.1	0.0004909	mg/L	0.00043276	0.0004909	mg/L	0.00043276	88.16%
Sodiumt	271574.9	255.924	mg/L	7.1709	255.924	mg/L	7.1709	2.80%
Thalliumt	-29.8	-0.0101588	mg/L	0.00086707	-0.0101588	mg/L	0.00086707	8.54%
Tint	104.1	0.0141395	mg/L	0.00145068	0.0141395	mg/L	0.00145068	10.26%
Titaniumt	125249.6	0.171916	mg/L	0.0064042	0.171916	mg/L	0.0064042	3.73%
Vanadiumt	2171.9	0.0090389	mg/L	0.00157395	0.0090389	mg/L	0.00157395	17.41%
Zinct	2977.9	0.0620046	mg/L	0.00067621	0.0620046	mg/L	0.00067621	1.09%

Sequence No.: 35
Sample ID: 42869-004 4D
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 105
Date Collected: 2/26/2009 12:03:50 PM
Data Type: Reprocessed on 2/26/2009 1:39:49 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42869-004 4D

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1254952.9	109	%	1.3				1.20%
Yittrium	790436.2	180	%	1.4				0.77%
Aluminumt	1541634.3	55.0468	mg/L	0.26851	55.0468	mg/L	0.26851	0.49%
Antimonyt	52.4	0.0007261	mg/L	0.00429560	0.0007261	mg/L	0.00429560	591.57%
Arsenict	146.4	0.0570054	mg/L	0.00161842	0.0570054	mg/L	0.00161842	2.84%
Bariumt	89637.8	0.496842	mg/L	0.0042901	0.496842	mg/L	0.0042901	0.86%
Berylliumt	42226.5	0.0114116	mg/L	0.00013737	0.0114116	mg/L	0.00013737	1.20%
Cadmiumt	312.6	-0.0007270	mg/L	0.00009904	-0.0007270	mg/L	0.00009904	13.62%
Calciumt	16900951.8	125.487	mg/L	2.1392	125.487	mg/L	2.1392	1.70%
Chromiumt	14110.4	0.121245	mg/L	0.0028100	0.121245	mg/L	0.0028100	2.32%
Cobaltt	5361.4	0.0933065	mg/L	0.00190336	0.0933065	mg/L	0.00190336	2.04%
Coppert	27224.0	0.172308	mg/L	0.0009083	0.172308	mg/L	0.0009083	0.53%
Iront	5038515.3	204.141	mg/L	1.4245	204.141	mg/L	1.4245	0.70%
Leadt	3445.1	0.171976	mg/L	0.0048393	0.171976	mg/L	0.0048393	2.81%
Magnesiumt	745391.5	29.6558	mg/L	0.16246	29.6558	mg/L	0.16246	0.55%
Manganeset	4334167.3	6.59482	mg/L	0.019569	6.59482	mg/L	0.019569	0.30%
Molybdenumt	281.2	-0.0050124	mg/L	0.00043923	-0.0050124	mg/L	0.00043923	8.76%
Nickelt	21405.9	0.309533	mg/L	0.0068950	0.309533	mg/L	0.0068950	2.23%
Potassiumt	-401.4						24.04	5.99%
Seleniumt	-42.0	-0.0086214	mg/L	0.00463642	-0.0086214	mg/L	0.00463642	53.78%
Silvert	-1521.8	-0.0060210	mg/L	0.00020497	-0.0060210	mg/L	0.00020497	3.40%
Sodiumt	3047.2	2.67852	mg/L	0.025793	2.67852	mg/L	0.025793	0.96%
Thalliumt	-61.0	-0.0137626	mg/L	0.00396306	-0.0137626	mg/L	0.00396306	28.80%
Tint	55.9	0.0252411	mg/L	0.00003010	0.0252411	mg/L	0.00003010	0.12%
Titaniumt	125171.6	0.171809	mg/L	0.0025221	0.171809	mg/L	0.0025221	1.47%
Vanadiumt	13349.1	0.0659012	mg/L	0.00072397	0.0659012	mg/L	0.00072397	1.10%
Zinct	37066.9	0.785454	mg/L	0.0039156	0.785454	mg/L	0.0039156	0.50%

Sequence No.: 36
Sample ID: 42868-007
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 98
Date Collected: 2/26/2009 12:08:42 PM
Data Type: Reprocessed on 2/26/2009 1:39:50 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-007

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1167848.8	101	%	0.1				0.11%
Yittrium	432832.3	98.8	%	0.44				0.44%
Aluminumt	2210.6	0.0787232	mg/L	0.00302732	0.0787232	mg/L	0.00302732	3.85%
Antimonyt	-3.0	-0.0008407	mg/L	0.00202488	-0.0008407	mg/L	0.00202488	240.87%
Arsenict	-1.4	-0.0034594	mg/L	0.00058385	-0.0034594	mg/L	0.00058385	16.88%
Bariumt	8734.3	0.0488566	mg/L	0.00016301	0.0488566	mg/L	0.00016301	0.33%
Berylliumt	199.2	0.0000532	mg/L	0.00001451	0.0000532	mg/L	0.00001451	27.27%
Cadmiumt	-3.9	-0.0000604	mg/L	0.00006404	-0.0000604	mg/L	0.00006404	105.95%
Calciumt	6245674.1	46.3732	mg/L	0.46576	46.3732	mg/L	0.46576	1.00%
Chromiumt	300.8	0.0026889	mg/L	0.00001272	0.0026889	mg/L	0.00001272	0.47%
Cobaltt	42.2	0.0007959	mg/L	0.00031235	0.0007959	mg/L	0.00031235	39.24%
Coppert	330.8	0.0020935	mg/L	0.00031580	0.0020935	mg/L	0.00031580	15.08%
Iront	4319.1	0.174992	mg/L	0.0002561	0.174992	mg/L	0.0002561	0.15%
Leadt	-73.6	-0.0023523	mg/L	0.00206559	-0.0023523	mg/L	0.00206559	87.81%
Magnesiumt	1120739.5	44.5892	mg/L	0.36461	44.5892	mg/L	0.36461	0.82%
Manganeset	320735.4	0.488027	mg/L	0.0014352	0.488027	mg/L	0.0014352	0.29%
Molybdenumt	284.9	0.0119216	mg/L	0.00027337	0.0119216	mg/L	0.00027337	2.29%
Nickelt	13.2	0.0002023	mg/L	0.00004609	0.0002023	mg/L	0.00004609	22.78%
Potassiumt	2073.4						23.41	1.13%
Seleniumt	-28.1	-0.0094797	mg/L	0.00607912	-0.0094797	mg/L	0.00607912	64.13%
Silvert	100.3	0.0003970	mg/L	0.00016616	0.0003970	mg/L	0.00016616	41.85%
Sodiumt	248564.7	234.188	mg/L	0.1270	234.188	mg/L	0.1270	0.05%
Thalliumt	-15.9	-0.0047329	mg/L	0.00166070	-0.0047329	mg/L	0.00166070	35.09%
Tint	95.9	0.0119727	mg/L	0.00017368	0.0119727	mg/L	0.00017368	1.45%
Titaniumt	1251.7	0.0017181	mg/L	0.00001647	0.0017181	mg/L	0.00001647	0.96%
Vanadiumt	710.8	0.0014179	mg/L	0.00103150	0.0014179	mg/L	0.00103150	72.75%
Zinct	990.5	0.0198923	mg/L	0.00015356	0.0198923	mg/L	0.00015356	0.77%

Sequence No.: 37
Sample ID: 42868-009
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 99
Date Collected: 2/26/2009 12:12:04 PM
Data Type: Reprocessed on 2/26/2009 1:39:52 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-009

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1154246.2	100	%	0.5				0.49%
Yittrium	442448.9	101	%	0.0				0.05%
Aluminumt	414013.5	14.7829	mg/L	0.00189	14.7829	mg/L	0.00189	0.01%
Antimonyt	0.0	-0.0000612	mg/L	0.00154533	-0.0000612	mg/L	0.00154533	>999.9%
Arsenict	32.0	0.0092983	mg/L	0.00138203	0.0092983	mg/L	0.00138203	14.86%
Bariumt	45716.2	0.255168	mg/L	0.0030029	0.255168	mg/L	0.0030029	1.18%
Berylliumt	3019.9	0.0005376	mg/L	0.00000849	0.0005376	mg/L	0.00000849	1.58%
Cadmiumt	43.1	0.0001618	mg/L	0.00007845	0.0001618	mg/L	0.00007845	48.48%
Calciumt	11429964.2	84.8657	mg/L	2.56796	84.8657	mg/L	2.56796	3.03%
Chromiumt	4094.4	0.0352768	mg/L	0.00095242	0.0352768	mg/L	0.00095242	2.70%
Cobaltt	577.2	0.0092638	mg/L	0.00054062	0.0092638	mg/L	0.00054062	5.84%
Coppert	5281.2	0.0334258	mg/L	0.00064396	0.0334258	mg/L	0.00064396	1.93%
Iront	440906.2	17.8638	mg/L	0.72715	17.8638	mg/L	0.72715	4.07%
Leadt	252.1	0.0104616	mg/L	0.00011998	0.0104616	mg/L	0.00011998	1.15%
Magnesiumt	982700.2	39.0972	mg/L	0.76080	39.0972	mg/L	0.76080	1.95%
Manganeset	482693.7	0.734461	mg/L	0.0127773	0.734461	mg/L	0.0127773	1.74%
Molybdenumt	337.0	0.0120193	mg/L	0.00036380	0.0120193	mg/L	0.00036380	3.03%
Nickelt	1573.4	0.0227642	mg/L	0.00031861	0.0227642	mg/L	0.00031861	1.40%
Potassiumt	942.3						46.84	4.97%
Seleniumt	-47.3	-0.0160303	mg/L	0.00388019	-0.0160303	mg/L	0.00388019	24.21%
Silvert	92.0	0.0003641	mg/L	0.00019142	0.0003641	mg/L	0.00019142	52.57%
Sodiumt	67324.3	63.5774	mg/L	0.30648	63.5774	mg/L	0.30648	0.48%
Thalliumt	-30.6	-0.0101805	mg/L	0.00225193	-0.0101805	mg/L	0.00225193	22.12%
Tint	126.7	0.0159819	mg/L	0.00099066	0.0159819	mg/L	0.00099066	6.20%
Titaniumt	293086.6	0.402286	mg/L	0.0094903	0.402286	mg/L	0.0094903	2.36%
Vanadiumt	6510.8	0.0336411	mg/L	0.00045381	0.0336411	mg/L	0.00045381	1.35%
Zinct	2968.9	0.0616947	mg/L	0.00123561	0.0616947	mg/L	0.00123561	2.00%

Sequence No.: 38
Sample ID: 42868-010
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 100
Date Collected: 2/26/2009 12:15:28 PM
Data Type: Reprocessed on 2/26/2009 1:39:53 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-010

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	1151000.8	99.8	%	0.63				0.63%
Yittrium	428049.1	97.7	%	0.41				0.42%
Aluminumt	1389.8	0.0493026	mg/L	0.00594747	0.0493026	mg/L	0.00594747	12.06%
Antimonyt	-3.0	-0.0008322	mg/L	0.00189704	-0.0008322	mg/L	0.00189704	227.96%
Arsenict	31.5	0.0104394	mg/L	0.00290220	0.0104394	mg/L	0.00290220	27.80%
Bariumt	33516.9	0.187498	mg/L	0.0032966	0.187498	mg/L	0.0032966	1.76%
Berylliumt	-45.6	-0.0000129	mg/L	0.00005349	-0.0000129	mg/L	0.00005349	414.18%
Cadmiumt	37.3	0.0005340	mg/L	0.00018925	0.0005340	mg/L	0.00018925	35.44%
Calciumt	11560272.2	85.8332	mg/L	2.62110	85.8332	mg/L	2.62110	3.05%
Chromiumt	144.3	0.0013999	mg/L	0.00008692	0.0013999	mg/L	0.00008692	6.21%
Cobaltt	21.8	0.0004733	mg/L	0.00018751	0.0004733	mg/L	0.00018751	39.62%
Coppert	774.5	0.0049022	mg/L	0.00058960	0.0049022	mg/L	0.00058960	12.03%
Iront	819.9	0.0332178	mg/L	0.00438776	0.0332178	mg/L	0.00438776	13.21%
Leadt	-134.9	-0.0042277	mg/L	0.00080176	-0.0042277	mg/L	0.00080176	18.96%
Magnesiumt	859043.3	34.1774	mg/L	0.61579	34.1774	mg/L	0.61579	1.80%
Manganeset	377821.5	0.574889	mg/L	0.0101582	0.574889	mg/L	0.0101582	1.77%
Molybdenumt	432.8	0.0176335	mg/L	0.00016300	0.0176335	mg/L	0.00016300	0.92%
Nickelt	27.3	0.0004117	mg/L	0.00016379	0.0004117	mg/L	0.00016379	39.78%
Potassiumt	932.0						75.00	8.05%
Seleniumt	-47.7	-0.0159800	mg/L	0.00178870	-0.0159800	mg/L	0.00178870	11.19%
Silvert	137.8	0.0005454	mg/L	0.00017354	0.0005454	mg/L	0.00017354	31.82%
Sodiumt	66492.7	62.6440	mg/L	0.95567	62.6440	mg/L	0.95567	1.53%
Thalliumt	-16.5	-0.0050084	mg/L	0.00006101	-0.0050084	mg/L	0.00006101	1.22%
Tint	133.5	0.0146558	mg/L	0.00169350	0.0146558	mg/L	0.00169350	11.56%
Titaniumt	466.4	0.0006402	mg/L	0.00042060	0.0006402	mg/L	0.00042060	65.70%
Vanadiumt	1797.6	0.0081625	mg/L	0.00227500	0.0081625	mg/L	0.00227500	27.87%
Zinct	684.8	0.0129063	mg/L	0.00011064	0.0129063	mg/L	0.00011064	0.86%

Sequence No.: 39
Sample ID: CCV V-60256
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/26/2009 12:18:52 PM
Data Type: Reprocessed on 2/26/2009 1:39:54 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1134228.4	98.4	%	1.78				1.81%
Yittrium	414340.9	94.5	%	1.35				1.42%
Aluminumt	137647.1	4.90772	mg/L	0.087541	4.90772	mg/L	0.087541	1.78%
QC value within limits for Aluminum Recovery = 98.15%								
Antimonyt	1770.9	0.490707	mg/L	0.0081809	0.490707	mg/L	0.0081809	1.67%
QC value within limits for Antimony Recovery = 98.14%								
Arsenict	1115.0	0.489139	mg/L	0.0090828	0.489139	mg/L	0.0090828	1.86%
QC value within limits for Arsenic Recovery = 97.83%								
Bariumt	89859.0	0.502514	mg/L	0.0073942	0.502514	mg/L	0.0073942	1.47%
QC value within limits for Barium Recovery = 100.50%								
Berylliumt	1825492.9	0.498284	mg/L	0.0132409	0.498284	mg/L	0.0132409	2.66%
QC value within limits for Beryllium Recovery = 99.66%								
Cadmiumt	34006.9	0.488092	mg/L	0.0069834	0.488092	mg/L	0.0069834	1.43%
QC value within limits for Cadmium Recovery = 97.62%								
Calciumt	6729641.7	49.9666	mg/L	1.21441	49.9666	mg/L	1.21441	2.43%
QC value within limits for Calcium Recovery = 99.93%								
Chromiumt	57405.5	0.496460	mg/L	0.0069351	0.496460	mg/L	0.0069351	1.40%
QC value within limits for Chromium Recovery = 99.29%								
Cobaltt	28627.6	0.500940	mg/L	0.0082444	0.500940	mg/L	0.0082444	1.65%
QC value within limits for Cobalt Recovery = 100.19%								
Coppert	76586.9	0.484739	mg/L	0.0079576	0.484739	mg/L	0.0079576	1.64%
QC value within limits for Copper Recovery = 96.95%								
Iront	120831.3	4.89561	mg/L	0.111692	4.89561	mg/L	0.111692	2.28%
QC value within limits for Iron Recovery = 97.91%								
Leadt	8359.5	0.497508	mg/L	0.0066499	0.497508	mg/L	0.0066499	1.34%
QC value within limits for Lead Recovery = 99.50%								
Magnesiumt	1250293.9	49.7435	mg/L	1.34265	49.7435	mg/L	1.34265	2.70%
QC value within limits for Magnesium Recovery = 99.49%								
Manganeset	323022.3	0.491507	mg/L	0.0077506	0.491507	mg/L	0.0077506	1.58%
QC value within limits for Manganese Recovery = 98.30%								
Molybdenumt	9725.1	0.487620	mg/L	0.0284128	0.487620	mg/L	0.0284128	5.83%
QC value within limits for Molybdenum Recovery = 97.52%								
Nickelt	34280.7	0.496061	mg/L	0.0047101	0.496061	mg/L	0.0047101	0.95%
QC value within limits for Nickel Recovery = 99.21%								
Potassiumt	3962.5						45.43	1.15%
Unable to evaluate QC.								
Seleniumt	1083.8	0.495961	mg/L	0.0148758	0.495961	mg/L	0.0148758	3.00%
QC value within limits for Selenium Recovery = 99.19%								
Silvert	24561.6	0.0971810	mg/L	0.00203970	0.0971810	mg/L	0.00203970	2.10%
QC value within limits for Silver Recovery = 97.18%								
Sodiumt	49082.1	46.2831	mg/L	0.52726	46.2831	mg/L	0.52726	1.14%
QC value within limits for Sodium Recovery = 92.57%								
Thalliumt	1197.5	0.514303	mg/L	0.0118000	0.514303	mg/L	0.0118000	2.29%
QC value within limits for Thallium Recovery = 102.86%								
Tint	2937.0	0.494322	mg/L	0.0088333	0.494322	mg/L	0.0088333	1.79%
QC value within limits for Tin Recovery = 98.86%								
Titaniumt	362827.9	0.498012	mg/L	0.0085286	0.498012	mg/L	0.0085286	1.71%
QC value within limits for Titanium Recovery = 99.60%								
Vanadiumt	87005.5	0.486880	mg/L	0.0076095	0.486880	mg/L	0.0076095	1.56%
QC value within limits for Vanadium Recovery = 97.38%								
Zinct	23552.8	0.497394	mg/L	0.0041607	0.497394	mg/L	0.0041607	0.84%
QC value within limits for Zinc Recovery = 99.48%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 40
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 2/26/2009 12:22:12 PM
Data Type: Reprocessed on 2/26/2009 1:39:55 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1131049.0	98.1	%	1.00				1.02%
Yittrium	430895.0	98.3	%	0.96				0.97%
Aluminum†	-175.4	-0.0065062	mg/L	0.01127231	-0.0065062	mg/L	0.01127231	173.26%
QC value within limits for Aluminum Recovery = Not calculated								
Antimony†	0.9	0.0002608	mg/L	0.00061189	0.0002608	mg/L	0.00061189	234.58%
QC value within limits for Antimony Recovery = Not calculated								
Arsenic†	-0.7	-0.0002973	mg/L	0.00061949	-0.0002973	mg/L	0.00061949	208.37%
QC value within limits for Arsenic Recovery = Not calculated								
Barium†	22.4	0.0001255	mg/L	0.00004530	0.0001255	mg/L	0.00004530	36.11%
QC value within limits for Barium Recovery = Not calculated								
Beryllium†	476.6	0.0001299	mg/L	0.00003678	0.0001299	mg/L	0.00003678	28.31%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmium†	14.9	0.0002142	mg/L	0.00015609	0.0002142	mg/L	0.00015609	72.88%
QC value within limits for Cadmium Recovery = Not calculated								
Calcium†	6819.8	0.0506362	mg/L	0.01576198	0.0506362	mg/L	0.01576198	31.13%
QC value within limits for Calcium Recovery = Not calculated								
Chromium†	44.3	0.0005024	mg/L	0.00013921	0.0005024	mg/L	0.00013921	27.71%
QC value within limits for Chromium Recovery = Not calculated								
Cobalt†	29.4	0.0005846	mg/L	0.00026248	0.0005846	mg/L	0.00026248	44.90%
QC value within limits for Cobalt Recovery = Not calculated								
Copper†	-95.6	-0.0006053	mg/L	0.00049619	-0.0006053	mg/L	0.00049619	81.97%
QC value within limits for Copper Recovery = Not calculated								
Iron†	90.9	0.0036848	mg/L	0.00122527	0.0036848	mg/L	0.00122527	33.25%
QC value within limits for Iron Recovery = Not calculated								
Lead†	-19.4	-0.0011117	mg/L	0.00073356	-0.0011117	mg/L	0.00073356	65.99%
QC value within limits for Lead Recovery = Not calculated								
Magnesium†	-185.9	-0.0073981	mg/L	0.00246038	-0.0073981	mg/L	0.00246038	33.26%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-3.0	-0.0000046	mg/L	0.00005827	-0.0000046	mg/L	0.00005827	>999.9%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenum†	327.5	0.0167843	mg/L	0.00380574	0.0167843	mg/L	0.00380574	22.67%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickel†	38.6	0.0005701	mg/L	0.00036758	0.0005701	mg/L	0.00036758	64.48%
QC value within limits for Nickel Recovery = Not calculated								
Potassium†	-12.5						88.58	707.85%
Unable to evaluate QC.								
Selenium†	23.9	0.0108541	mg/L	0.00176300	0.0108541	mg/L	0.00176300	16.24%
QC value within limits for Selenium Recovery = Not calculated								
Silver†	126.5	0.0005004	mg/L	0.00043420	0.0005004	mg/L	0.00043420	86.77%
QC value within limits for Silver Recovery = Not calculated								
Sodium†	16.0	0.0152001	mg/L	0.02735098	0.0152001	mg/L	0.02735098	179.94%
QC value within limits for Sodium Recovery = Not calculated								
Thallium†	-1.6	-0.0006698	mg/L	0.00610060	-0.0006698	mg/L	0.00610060	910.85%
QC value within limits for Thallium Recovery = Not calculated								
Tin†	1.6	0.0002649	mg/L	0.00076329	0.0002649	mg/L	0.00076329	288.11%
QC value within limits for Tin Recovery = Not calculated								
Titanium†	244.2	0.0003351	mg/L	0.00006417	0.0003351	mg/L	0.00006417	19.15%
QC value within limits for Titanium Recovery = Not calculated								
Vanadium†	-68.2	-0.0003082	mg/L	0.00047491	-0.0003082	mg/L	0.00047491	154.10%
QC value within limits for Vanadium Recovery = Not calculated								
Zinc†	8.1	0.0001703	mg/L	0.00017074	0.0001703	mg/L	0.00017074	100.27%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 41
Sample ID: 42868-012
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 101
Date Collected: 2/26/2009 12:25:18 PM
Data Type: Reprocessed on 2/26/2009 1:39:56 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-012

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1210558.1	105	%	1.6				1.48%
Yittrium	454736.9	104	%	1.9				1.86%
Aluminumt	-108.0	-0.0039039	mg/L	0.00752917	-0.0039039	mg/L	0.00752917	192.86%
Antimonyt	-1.0	-0.0002791	mg/L	0.00074258	-0.0002791	mg/L	0.00074258	266.11%
Arsenict	-3.7	-0.0016478	mg/L	0.00104303	-0.0016478	mg/L	0.00104303	63.30%
Bariumt	160.5	0.0008972	mg/L	0.00010437	0.0008972	mg/L	0.00010437	11.63%
Berylliumt	472.6	0.0001288	mg/L	0.00000970	0.0001288	mg/L	0.00000970	7.53%
Cadmiumt	-30.0	-0.0004319	mg/L	0.00008927	-0.0004319	mg/L	0.00008927	20.67%
Calciumt	32210.9	0.239161	mg/L	0.0003472	0.239161	mg/L	0.0003472	0.15%
Chromiumt	-15.7	-0.0001116	mg/L	0.00013281	-0.0001116	mg/L	0.00013281	119.05%
Cobaltt	11.5	0.0002145	mg/L	0.00052941	0.0002145	mg/L	0.00052941	246.77%
Coppert	49.0	0.0003100	mg/L	0.00011652	0.0003100	mg/L	0.00011652	37.58%
Iront	955.1	0.0386958	mg/L	0.00123286	0.0386958	mg/L	0.00123286	3.19%
Leadt	4.9	0.0003061	mg/L	0.00009331	0.0003061	mg/L	0.00009331	30.49%
Magnesiumt	693.2	0.0275780	mg/L	0.00503854	0.0275780	mg/L	0.00503854	18.27%
Manganeset	795.0	0.0012097	mg/L	0.00006442	0.0012097	mg/L	0.00006442	5.32%
Molybdenumt	62.6	0.0030586	mg/L	0.00027193	0.0030586	mg/L	0.00027193	8.89%
Nickelt	-36.9	-0.0005310	mg/L	0.00017725	-0.0005310	mg/L	0.00017725	33.38%
Potassiumt	-89.4						40.19	44.96%
Seleniumt	4.6	0.0021242	mg/L	0.00058150	0.0021242	mg/L	0.00058150	27.37%
Silvert	-12.1	-0.0000480	mg/L	0.00030835	-0.0000480	mg/L	0.00030835	641.84%
Sodiumt	508.6	0.476616	mg/L	0.0381849	0.476616	mg/L	0.0381849	8.01%
Thalliumt	8.1	0.0034496	mg/L	0.00369342	0.0034496	mg/L	0.00369342	107.07%
Tint	-10.7	-0.0018286	mg/L	0.00007999	-0.0018286	mg/L	0.00007999	4.37%
Titaniumt	257.4	0.0003533	mg/L	0.00011848	0.0003533	mg/L	0.00011848	33.53%
Vanadiumt	-550.2	-0.0030737	mg/L	0.00024087	-0.0030737	mg/L	0.00024087	7.84%
Zinct	385.9	0.0081626	mg/L	0.00013756	0.0081626	mg/L	0.00013756	1.69%

Sequence No.: 42
Sample ID: 42868-013
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 102
Date Collected: 2/26/2009 12:28:27 PM
Data Type: Reprocessed on 2/26/2009 1:39:57 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-013

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1202012.3	104	%	3.1				3.00%
Yittrium	451403.3	103	%	2.8				2.68%
Aluminumt	-98.1	-0.0035401	mg/L	0.02209260	-0.0035401	mg/L	0.02209260	624.06%
Antimonyt	1.7	0.0004723	mg/L	0.00157346	0.0004723	mg/L	0.00157346	333.13%
Arsenict	-2.7	-0.0011930	mg/L	0.00504009	-0.0011930	mg/L	0.00504009	422.47%
Bariumt	170.1	0.0009511	mg/L	0.00014525	0.0009511	mg/L	0.00014525	15.27%
Berylliumt	392.4	0.0001070	mg/L	0.00008243	0.0001070	mg/L	0.00008243	77.06%
Cadmiumt	-23.1	-0.0003315	mg/L	0.00035397	-0.0003315	mg/L	0.00035397	106.79%
Calciumt	36553.8	0.271406	mg/L	0.0217195	0.271406	mg/L	0.0217195	8.00%
Chromiumt	8.0	0.0000876	mg/L	0.00046568	0.0000876	mg/L	0.00046568	531.45%
Cobaltt	3.8	0.0000762	mg/L	0.00024500	0.0000762	mg/L	0.00024500	321.71%
Coppert	226.7	0.0014350	mg/L	0.00070701	0.0014350	mg/L	0.00070701	49.27%
Iront	486.6	0.0197135	mg/L	0.00295660	0.0197135	mg/L	0.00295660	15.00%
Leadt	7.4	0.0004609	mg/L	0.00235769	0.0004609	mg/L	0.00235769	511.54%
Magnesiumt	625.2	0.0248730	mg/L	0.00969421	0.0248730	mg/L	0.00969421	38.97%
Manganeset	394.4	0.0006002	mg/L	0.00017237	0.0006002	mg/L	0.00017237	28.72%
Molybdenumt	50.9	0.0024357	mg/L	0.00047378	0.0024357	mg/L	0.00047378	19.45%
Nickelt	14.3	0.0002091	mg/L	0.00019138	0.0002091	mg/L	0.00019138	91.54%
Potassiumt	-36.9						68.84	186.61%
Seleniumt	8.9	0.0040578	mg/L	0.00184967	0.0040578	mg/L	0.00184967	45.58%
Silvert	141.6	0.0005602	mg/L	0.00040497	0.0005602	mg/L	0.00040497	72.29%
Sodiumt	586.3	0.549416	mg/L	0.0350101	0.549416	mg/L	0.0350101	6.37%
Thalliumt	-5.9	-0.0025233	mg/L	0.00207507	-0.0025233	mg/L	0.00207507	82.24%
Tint	0.3	0.0000238	mg/L	0.00010432	0.0000238	mg/L	0.00010432	437.81%
Titaniumt	206.6	0.0002836	mg/L	0.00006935	0.0002836	mg/L	0.00006935	24.45%
Vanadiumt	-426.0	-0.0023792	mg/L	0.00169513	-0.0023792	mg/L	0.00169513	71.25%
Zinct	441.9	0.0093474	mg/L	0.00024952	0.0093474	mg/L	0.00024952	2.67%

Sequence No.: 43
Sample ID: ICSA V-60052
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/26/2009 12:31:36 PM
Data Type: Reprocessed on 2/26/2009 1:39:58 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-60052

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1049936.3	91.1	%	0.67				0.74%
Yittrium	386251.4	88.1	%	0.15				0.17%
Aluminum†	14200700.5	507.063	mg/L	1.7973	507.063	mg/L	1.7973	0.35%
QC value within limits for Aluminum Recovery = 101.41%								
Antimony†	45.4	-0.0019214	mg/L	0.00136470	-0.0019214	mg/L	0.00136470	71.03%
QC value within limits for Antimony Recovery = Not calculated								
Arsenic†	131.7	0.0091412	mg/L	0.00097381	0.0091412	mg/L	0.00097381	10.65%
QC value within limits for Arsenic Recovery = Not calculated								
Barium†	1216.2	-0.0054562	mg/L	0.00000846	-0.0054562	mg/L	0.00000846	0.16%
QC value within limits for Barium Recovery = Not calculated								
Beryllium†	-2304.8	-0.0006311	mg/L	0.00000776	-0.0006311	mg/L	0.00000776	1.23%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmium†	218.4	-0.0018091	mg/L	0.00034741	-0.0018091	mg/L	0.00034741	19.20%
QC value within limits for Cadmium Recovery = Not calculated								
Calcium†	64657712.1	480.074	mg/L	0.1839	480.074	mg/L	0.1839	0.04%
QC value within limits for Calcium Recovery = 96.01%								
Chromium†	-245.6	-0.0020134	mg/L	0.00007230	-0.0020134	mg/L	0.00007230	3.59%
QC value within limits for Chromium Recovery = Not calculated								
Cobalt†	-255.8	-0.0044152	mg/L	0.00022559	-0.0044152	mg/L	0.00022559	5.11%
QC value within limits for Cobalt Recovery = Not calculated								
Copper†	621.4	0.0039328	mg/L	0.00071656	0.0039328	mg/L	0.00071656	18.22%
QC value within limits for Copper Recovery = Not calculated								
Iron†	4777191.5	193.553	mg/L	1.9083	193.553	mg/L	1.9083	0.99%
QC value within limits for Iron Recovery = 96.78%								
Lead†	3899.0	-0.0087346	mg/L	0.00308427	-0.0087346	mg/L	0.00308427	35.31%
QC value within limits for Lead Recovery = Not calculated								
Magnesium†	12774986.1	508.259	mg/L	0.2683	508.259	mg/L	0.2683	0.05%
QC value within limits for Magnesium Recovery = 101.65%								
Manganese†	-1621.6	-0.0024674	mg/L	0.00001736	-0.0024674	mg/L	0.00001736	0.70%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenum†	254.8	-0.0080818	mg/L	0.00205164	-0.0080818	mg/L	0.00205164	25.39%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickel†	-245.5	-0.0035407	mg/L	0.00005499	-0.0035407	mg/L	0.00005499	1.55%
QC value within limits for Nickel Recovery = Not calculated								
Potassium†	-1110.9						72.01	6.48%
Unable to evaluate QC.								
Selenium†	-41.3	0.0025555	mg/L	0.00119740	0.0025555	mg/L	0.00119740	46.86%
QC value within limits for Selenium Recovery = Not calculated								
Silver†	-1355.8	-0.0053644	mg/L	0.00013488	-0.0053644	mg/L	0.00013488	2.51%
QC value within limits for Silver Recovery = Not calculated								
Sodium†	-176.7	-0.159289	mg/L	0.0666673	-0.159289	mg/L	0.0666673	41.85%
QC value within limits for Sodium Recovery = Not calculated								
Thallium†	-111.6	-0.0010043	mg/L	0.00148784	-0.0010043	mg/L	0.00148784	148.15%
QC value within limits for Thallium Recovery = Not calculated								
Tin†	154.3	0.0074562	mg/L	0.00033290	0.0074562	mg/L	0.00033290	4.46%
QC value within limits for Tin Recovery = Not calculated								
Titanium†	1597.9	0.0021932	mg/L	0.00038594	0.0021932	mg/L	0.00038594	17.60%
QC value within limits for Titanium Recovery = Not calculated								
Vanadium†	2893.9	-0.0205244	mg/L	0.00103563	-0.0205244	mg/L	0.00103563	5.05%
QC value within limits for Vanadium Recovery = Not calculated								
Zinc†	-877.7	-0.0179128	mg/L	0.00004088	-0.0179128	mg/L	0.00004088	0.23%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 44
Sample ID: ICSAB V-61024
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 2/26/2009 12:36:44 PM
Data Type: Reprocessed on 2/26/2009 1:39:59 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1038388.0	90.1	%	0.52				0.58%
Yittrium	386352.0	88.2	%	0.63				0.71%
Aluminum†	14353940.0	512.534	mg/L	8.7747	512.534	mg/L	8.7747	1.71%
QC value within limits for Aluminum Recovery = 102.51%								
Antimony†	3709.8	1.01109	mg/L	0.020845	1.01109	mg/L	0.020845	2.06%
QC value within limits for Antimony Recovery = 101.11%								
Arsenic†	2383.3	1.00490	mg/L	0.030918	1.00490	mg/L	0.030918	3.08%
QC value within limits for Arsenic Recovery = 100.49%								
Barium†	93549.7	0.510979	mg/L	0.0101405	0.510979	mg/L	0.0101405	1.98%
QC value within limits for Barium Recovery = 102.20%								
Beryllium†	1839223.3	0.502389	mg/L	0.0026789	0.502389	mg/L	0.0026789	0.53%
QC value within limits for Beryllium Recovery = 100.48%								
Cadmium†	72417.0	1.03470	mg/L	0.021373	1.03470	mg/L	0.021373	2.07%
QC value within limits for Cadmium Recovery = 103.47%								
Calcium†	65437067.6	485.860	mg/L	8.2346	485.860	mg/L	8.2346	1.69%
QC value within limits for Calcium Recovery = 97.17%								
Chromium†	57919.0	0.497346	mg/L	0.0079432	0.497346	mg/L	0.0079432	1.60%
QC value within limits for Chromium Recovery = 99.47%								
Cobalt†	27872.1	0.486779	mg/L	0.0094899	0.486779	mg/L	0.0094899	1.95%
QC value within limits for Cobalt Recovery = 97.36%								
Copper†	83907.8	0.531074	mg/L	0.0035727	0.531074	mg/L	0.0035727	0.67%
QC value within limits for Copper Recovery = 106.21%								
Iron†	4775860.3	193.499	mg/L	1.5582	193.499	mg/L	1.5582	0.81%
QC value within limits for Iron Recovery = 96.75%								
Lead†	20268.7	0.961769	mg/L	0.0191387	0.961769	mg/L	0.0191387	1.99%
QC value within limits for Lead Recovery = 96.18%								
Magnesium†	12935946.6	514.663	mg/L	10.1334	514.663	mg/L	10.1334	1.97%
QC value within limits for Magnesium Recovery = 102.93%								
Manganese†	323754.8	0.492622	mg/L	0.0031335	0.492622	mg/L	0.0031335	0.64%
QC value within limits for Manganese Recovery = 98.52%								
Molybdenum†	279.9	-0.0236276	mg/L	0.00135488	-0.0236276	mg/L	0.00135488	5.73%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickel†	65934.5	0.953402	mg/L	0.0168779	0.953402	mg/L	0.0168779	1.77%
QC value within limits for Nickel Recovery = 95.34%								
Potassium†	-1047.5						93.09	8.89%
Unable to evaluate QC.								
Selenium†	2231.2	1.03580	mg/L	0.037591	1.03580	mg/L	0.037591	3.63%
QC value within limits for Selenium Recovery = 103.58%								
Silver†	260473.5	1.03060	mg/L	0.005034	1.03060	mg/L	0.005034	0.49%
QC value within limits for Silver Recovery = 103.06%								
Sodium†	229.4	-0.102319	mg/L	0.0451792	-0.102319	mg/L	0.0451792	44.16%
QC value within limits for Sodium Recovery = Not calculated								
Thallium†	2174.1	0.975863	mg/L	0.0033786	0.975863	mg/L	0.0033786	0.35%
QC value within limits for Thallium Recovery = 97.59%								
Tin†	147.9	0.0058131	mg/L	0.00290834	0.0058131	mg/L	0.00290834	50.03%
QC value within limits for Tin Recovery = Not calculated								
Titanium†	1564.8	0.0021479	mg/L	0.00000636	0.0021479	mg/L	0.00000636	0.30%
QC value within limits for Titanium Recovery = Not calculated								
Vanadium†	91163.3	0.473980	mg/L	0.0027441	0.473980	mg/L	0.0027441	0.58%
QC value within limits for Vanadium Recovery = 94.80%								
Zinc†	44899.7	0.950779	mg/L	0.0095815	0.950779	mg/L	0.0095815	1.01%
QC value within limits for Zinc Recovery = 95.08%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 45
Sample ID: CCV V-60256
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/26/2009 12:41:18 PM
Data Type: Reprocessed on 2/26/2009 1:40:00 PM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1126253.9	97.7	%	1.81				1.86%
Yittrium	414142.6	94.5	%	0.87				0.92%
Aluminumt	140027.2	4.99271	mg/L	0.146691	4.99271	mg/L	0.146691	2.94%
QC value within limits for Aluminum Recovery = 99.85%								
Antimonyt	1776.0	0.492116	mg/L	0.0130796	0.492116	mg/L	0.0130796	2.66%
QC value within limits for Antimony Recovery = 98.42%								
Arsenict	1108.6	0.486294	mg/L	0.0159211	0.486294	mg/L	0.0159211	3.27%
QC value within limits for Arsenic Recovery = 97.26%								
Bariumt	90664.8	0.507019	mg/L	0.0125214	0.507019	mg/L	0.0125214	2.47%
QC value within limits for Barium Recovery = 101.40%								
Berylliumt	1824935.9	0.498132	mg/L	0.0135459	0.498132	mg/L	0.0135459	2.72%
QC value within limits for Beryllium Recovery = 99.63%								
Cadmiumt	34313.8	0.492496	mg/L	0.0127314	0.492496	mg/L	0.0127314	2.59%
QC value within limits for Cadmium Recovery = 98.50%								
Calciumt	6728512.7	49.9582	mg/L	1.36442	49.9582	mg/L	1.36442	2.73%
QC value within limits for Calcium Recovery = 99.92%								
Chromiumt	57835.8	0.500151	mg/L	0.0122582	0.500151	mg/L	0.0122582	2.45%
QC value within limits for Chromium Recovery = 100.03%								
Cobaltt	28656.3	0.501440	mg/L	0.0089212	0.501440	mg/L	0.0089212	1.78%
QC value within limits for Cobalt Recovery = 100.29%								
Copperr	76959.2	0.487095	mg/L	0.0136851	0.487095	mg/L	0.0136851	2.81%
QC value within limits for Copper Recovery = 97.42%								
Iront	122263.4	4.95364	mg/L	0.163481	4.95364	mg/L	0.163481	3.30%
QC value within limits for Iron Recovery = 99.07%								
Leadt	8352.9	0.497074	mg/L	0.0080525	0.497074	mg/L	0.0080525	1.62%
QC value within limits for Lead Recovery = 99.41%								
Magnesiumt	1250645.8	49.7575	mg/L	1.20859	49.7575	mg/L	1.20859	2.43%
QC value within limits for Magnesium Recovery = 99.52%								
Manganeset	326206.7	0.496352	mg/L	0.0128074	0.496352	mg/L	0.0128074	2.58%
QC value within limits for Manganese Recovery = 99.27%								
Molybdenumt	9715.8	0.487099	mg/L	0.0285816	0.487099	mg/L	0.0285816	5.87%
QC value within limits for Molybdenum Recovery = 97.42%								
Nickelt	34562.3	0.500132	mg/L	0.0130042	0.500132	mg/L	0.0130042	2.60%
QC value within limits for Nickel Recovery = 100.03%								
Potassiumt	3986.4						104.73	2.63%
Unable to evaluate QC.								
Seleniumt	1082.0	0.495138	mg/L	0.0054475	0.495138	mg/L	0.0054475	1.10%
QC value within limits for Selenium Recovery = 99.03%								
Silverr	24853.5	0.0983358	mg/L	0.00178714	0.0983358	mg/L	0.00178714	1.82%
QC value within limits for Silver Recovery = 98.34%								
Sodiumt	49667.2	46.8334	mg/L	1.33892	46.8334	mg/L	1.33892	2.86%
QC value within limits for Sodium Recovery = 93.67%								
Thalliumt	1202.2	0.516310	mg/L	0.0151236	0.516310	mg/L	0.0151236	2.93%
QC value within limits for Thallium Recovery = 103.26%								
Tint	2943.6	0.495456	mg/L	0.0111422	0.495456	mg/L	0.0111422	2.25%
QC value within limits for Tin Recovery = 99.09%								
Titaniumt	362787.1	0.497956	mg/L	0.0131216	0.497956	mg/L	0.0131216	2.64%
QC value within limits for Titanium Recovery = 99.59%								
Vanadiumt	87774.9	0.491189	mg/L	0.0141722	0.491189	mg/L	0.0141722	2.89%
QC value within limits for Vanadium Recovery = 98.24%								
Zinct	23680.7	0.500104	mg/L	0.0075558	0.500104	mg/L	0.0075558	1.51%
QC value within limits for Zinc Recovery = 100.02%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 46
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : shiamala
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 2/26/2009 12:44:38 PM
Data Type: Reprocessed on 2/26/2009 1:40:02 PM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1138263.9	98.7	%	0.93				0.94%
Yittrium	431711.7	98.5	%	0.84				0.85%
Aluminum†	248.1	0.0086132	mg/L	0.00181466	0.0086132	mg/L	0.00181466	21.07%
QC value within limits for Aluminum Recovery = Not calculated								
Antimony†	2.0	0.0005664	mg/L	0.00068110	0.0005664	mg/L	0.00068110	120.25%
QC value within limits for Antimony Recovery = Not calculated								
Arsenic†	7.6	0.0033437	mg/L	0.00088064	0.0033437	mg/L	0.00088064	26.34%
QC value within limits for Arsenic Recovery = Not calculated								
Barium†	27.3	0.0001523	mg/L	0.00001126	0.0001523	mg/L	0.00001126	7.39%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	506.7	0.0001383	mg/L	0.00002091	0.0001383	mg/L	0.00002091	15.12%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmium†	34.9	0.0005009	mg/L	0.00001609	0.0005009	mg/L	0.00001609	3.21%
QC value within limits for Cadmium Recovery = Not calculated								
Calcium†	8718.7	0.0647347	mg/L	0.00285462	0.0647347	mg/L	0.00285462	4.41%
QC value within limits for Calcium Recovery = Not calculated								
Chromium†	23.5	0.0003251	mg/L	0.00015128	0.0003251	mg/L	0.00015128	46.53%
QC value within limits for Chromium Recovery = Not calculated								
Cobalt†	15.7	0.0003458	mg/L	0.00002751	0.0003458	mg/L	0.00002751	7.96%
QC value within limits for Cobalt Recovery = Not calculated								
Copper†	-95.0	-0.0006012	mg/L	0.00018364	-0.0006012	mg/L	0.00018364	30.55%
QC value within limits for Copper Recovery = Not calculated								
Iron†	272.2	0.0110272	mg/L	0.00321961	0.0110272	mg/L	0.00321961	29.20%
QC value within limits for Iron Recovery = Not calculated								
Lead†	8.7	0.0005553	mg/L	0.00002183	0.0005553	mg/L	0.00002183	3.93%
QC value within limits for Lead Recovery = Not calculated								
Magnesium†	161.0	0.0064063	mg/L	0.00483582	0.0064063	mg/L	0.00483582	75.49%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-45.1	-0.0000686	mg/L	0.00004878	-0.0000686	mg/L	0.00004878	71.16%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenum†	330.2	0.0169228	mg/L	0.00373786	0.0169228	mg/L	0.00373786	22.09%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickel†	17.8	0.0002701	mg/L	0.00028285	0.0002701	mg/L	0.00028285	104.71%
QC value within limits for Nickel Recovery = Not calculated								
Potassium†	126.3						22.54	17.85%
Unable to evaluate QC.								
Selenium†	3.3	0.0014855	mg/L	0.01170106	0.0014855	mg/L	0.01170106	787.68%
QC value within limits for Selenium Recovery = Not calculated								
Silver†	149.8	0.0005927	mg/L	0.00010947	0.0005927	mg/L	0.00010947	18.47%
QC value within limits for Silver Recovery = Not calculated								
Sodium†	65.9	0.0621060	mg/L	0.00932384	0.0621060	mg/L	0.00932384	15.01%
QC value within limits for Sodium Recovery = Not calculated								
Thallium†	9.7	0.0041845	mg/L	0.00090454	0.0041845	mg/L	0.00090454	21.62%
QC value within limits for Thallium Recovery = Not calculated								
Tin†	-4.3	-0.0007329	mg/L	0.00001632	-0.0007329	mg/L	0.00001632	2.23%
QC value within limits for Tin Recovery = Not calculated								
Titanium†	113.9	0.0001564	mg/L	0.00000047	0.0001564	mg/L	0.00000047	0.30%
QC value within limits for Titanium Recovery = Not calculated								
Vanadium†	-105.5	-0.0005178	mg/L	0.00047757	-0.0005178	mg/L	0.00047757	92.22%
QC value within limits for Vanadium Recovery = Not calculated								
Zinc†	6.8	0.0001433	mg/L	0.00011707	0.0001433	mg/L	0.00011707	81.69%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

File A998782 Batch 9987 600420 1389

Analyst 2/26/09

Method Loaded
Method Name: PE2 RADIAL
IEC File: IEC32708R.iec
Method Description: 200.7/SW846

Method Last Saved: 2/25/2009 3:01:11 PM
MSF File:

2/26/09

Sequence No.: 1
Sample ID: Calib Blank 1 V-61025
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/25/2009 7:42:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Blank 1 V-61025

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	8821.4	123.77	1.40%	100.000	%
Scanadium	20186.8	268.60	1.33%	100	%
Aluminumt	392.1	7.74	1.97%	[0.00]	mg/L
Calciumt	409.8	5.32	1.30%	[0.00]	mg/L
Iront	-375.8	4.61	1.23%	[0.00]	mg/L
Magnesiumt	-574.1	1.08	0.19%	[0.00]	mg/L
Manganeset	-196.1	12.79	6.52%	[0.00]	mg/L
Potassiumt	-284.1	74.04	26.06%	[0.00]	mg/L
Sodiumt	595.8	6.89	1.16%	[0.00]	mg/L
Titaniumt	119.5	11.80	9.88%	[0.00]	mg/L

9987

Na, K reported

Sequence No.: 2
Sample ID: Calib 1 V-60050
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 2/25/2009 7:55:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 1 V-60050

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	8760.2	14.06	0.16%	99.3067	%
Scanadium	20404.7	8.67	0.04%	101	%
Aluminumt	30.8	8.91	28.94%	[0.1]	mg/L
Calciumt	2224.3	2.21	0.10%	[1]	mg/L
Iront	32.9	3.78	11.49%	[0.1]	mg/L
Magnesiumt	430.1	0.89	0.21%	[1]	mg/L
Manganeset	84.2	2.63	3.13%	[0.01]	mg/L
Potassiumt	2161.3	0.36	0.02%	[1]	mg/L
Sodiumt	6595.7	67.03	1.02%	[1]	mg/L
Titaniumt	124.8	7.20	5.77%	[0.01]	mg/L

Sequence No.: 3
Sample ID: Calib 2 V-60254
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 2/25/2009 7:58:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 2 V-60254

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	8618.4	6.70	0.08%	97.6989	%
Scanadium	20071.4	53.50	0.27%	99.4	%
Aluminumt	1604.2	7.09	0.44%	[5]	mg/L
Calciumt	110374.6	1953.13	1.77%	[50]	mg/L
Iront	1473.9	12.29	0.83%	[5]	mg/L
Magnesiumt	21186.1	99.21	0.47%	[50]	mg/L
Manganeset	3767.0	8.09	0.21%	[0.5]	mg/L
Potassiumt	111373.0	1456.77	1.31%	[50]	mg/L
Sodiumt	333444.3	4546.28	1.36%	[50]	mg/L
Titaniumt	6560.3	2.01	0.03%	[0.5]	mg/L

Sequence No.: 4
Sample ID: Calib 3 V-60255
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 2/25/2009 8:01:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 3 V-60255

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	8649.9	0.73	0.01%	98.0563	%
Scanadium	20177.9	34.61	0.17%	100.0	%
Aluminumt	3166.4	28.60	0.90%	[10]	mg/L
Calciumt	216328.0	1406.70	0.65%	[100]	mg/L
Iront	2909.9	18.96	0.65%	[10]	mg/L
Magnesiumt	41513.3	134.67	0.32%	[100]	mg/L
Manganeset	7425.2	16.35	0.22%	[1.0]	mg/L
Potassiumt	223341.2	1869.65	0.84%	[100]	mg/L
Sodiumt	663802.8	4446.44	0.67%	[100]	mg/L
Titaniumt	12994.4	58.74	0.45%	[1.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Aluminum	3	Lin Thru 0	0.0	317.5	0.00000	0.999986	
Calcium	3	Lin Thru 0	0.0	2172	0.00000	0.999967	
Iron	3	Lin Thru 0	0.0	291.8	0.00000	0.999986	
Magnesium	3	Lin Thru 0	0.0	416.9	0.00000	0.999966	
Manganese	3	Lin Thru 0	0.0	7447	0.00000	0.999982	
Potassium	3	Lin Thru 0	0.0	2232	0.00000	0.999999	
Sodium	3	Lin Thru 0	0.0	6644	0.00000	0.999998	
Titanium	3	Lin Thru 0	0.0	13020	0.00000	0.999992	

Sequence No.: 5 **Autosampler Location: 4**
Sample ID: ICS3 V-60255 **Date Collected: 2/25/2009 8:03:54 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICS3 V-60255

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8667.3	98.2527	%	0.03644				0.04%
Scanadium	20249.9	100	%	0.6				0.63%
Aluminumt	3138.3	9.88495	mg/L	0.044290	9.88495	mg/L	0.044290	0.45%
QC value within limits for Aluminum Recovery = 98.85%								
Calciumt	215927.7	99.4084	mg/L	0.33104	99.4084	mg/L	0.33104	0.33%
QC value within limits for Calcium Recovery = 99.41%								
Iront	2887.1	9.89584	mg/L	0.024388	9.89584	mg/L	0.024388	0.25%
QC value within limits for Iron Recovery = 98.96%								
Magnesiumt	41302.6	99.0822	mg/L	0.18904	99.0822	mg/L	0.18904	0.19%
QC value within limits for Magnesium Recovery = 99.08%								
Manganeset	7435.6	1.00767	mg/L	0.002019	1.00767	mg/L	0.002019	0.20%
QC value within limits for Manganese Recovery = 100.77%								
Potassiumt	225313.9	100.937	mg/L	0.3988	100.937	mg/L	0.3988	0.40%
QC value within limits for Potassium Recovery = 100.94%								
Sodiumt	665916.1	100.225	mg/L	0.4107	100.225	mg/L	0.4107	0.41%
QC value within limits for Sodium Recovery = 100.23%								
Titaniumt	12990.9	0.997789	mg/L	0.0039708	0.997789	mg/L	0.0039708	0.40%
QC value within limits for Titanium Recovery = 99.78%								

All analyte(s) passed QC.

Sequence No.: 6
Sample ID: ICV V-60572 (2)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 2/25/2009 8:06:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV V-60572 (2)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8613.1	97.6390	%	0.37672				0.39%
Scanadium	20045.3	99.3	%	0.92				0.93%
Aluminum†	3221.2	10.1462	mg/L	0.07837	10.1462	mg/L	0.07837	0.77%
QC value within limits for Aluminum Recovery = 101.46%								
Calcium†	216031.4	99.4562	mg/L	0.62031	99.4562	mg/L	0.62031	0.62%
QC value within limits for Calcium Recovery = 99.46%								
Iron†	2920.4	10.0100	mg/L	0.08693	10.0100	mg/L	0.08693	0.87%
QC value within limits for Iron Recovery = 100.10%								
Magnesium†	41906.2	100.530	mg/L	0.3759	100.530	mg/L	0.3759	0.37%
QC value within limits for Magnesium Recovery = 100.53%								
Manganese†	7515.1	1.01846	mg/L	0.003887	1.01846	mg/L	0.003887	0.38%
QC value within limits for Manganese Recovery = 101.85%								
Potassium†	226862.2	101.631	mg/L	0.7978	101.631	mg/L	0.7978	0.78%
QC value within limits for Potassium Recovery = 101.63%								
Sodium†	673113.9	101.309	mg/L	0.7115	101.309	mg/L	0.7115	0.70%
QC value within limits for Sodium Recovery = 101.31%								
Titanium†	13138.2	1.00911	mg/L	0.009259	1.00911	mg/L	0.009259	0.92%
QC value within limits for Titanium Recovery = 100.91%								

All analyte(s) passed QC.

Sequence No.: 7 **Autosampler Location: 1**
Sample ID: ICB V-61025 **Date Collected: 2/25/2009 8:08:59 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICB V-61025

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8728.2	98.9432	%	0.48059				0.49%
Scanadium	20169.8	99.9	%	0.30				0.30%
Aluminumt	-9.4	-0.0294575	mg/L	0.03442451	-0.0294575	mg/L	0.03442451	116.86%
QC value within limits for Aluminum Recovery = Not calculated								
Calciumt	40.1	0.0184438	mg/L	0.00222907	0.0184438	mg/L	0.00222907	12.09%
QC value within limits for Calcium Recovery = Not calculated								
Iront	4.8	0.0164912	mg/L	0.01830045	0.0164912	mg/L	0.01830045	110.97%
QC value within limits for Iron Recovery = Not calculated								
Magnesiumt	10.0	0.0240981	mg/L	0.01021591	0.0240981	mg/L	0.01021591	42.39%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	11.5	0.0015655	mg/L	0.00091192	0.0015655	mg/L	0.00091192	58.25%
QC value within limits for Manganese Recovery = Not calculated								
Potassiumt	546.4	0.244776	mg/L	0.0167744	0.244776	mg/L	0.0167744	6.85%
QC value within limits for Potassium Recovery = Not calculated								
Sodiumt	974.4	0.146649	mg/L	0.0114583	0.146649	mg/L	0.0114583	7.81%
QC value within limits for Sodium Recovery = Not calculated								
Titaniumt	-10.2	-0.0007852	mg/L	0.00031227	-0.0007852	mg/L	0.00031227	39.77%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 8
Sample ID: ICSA V-60052
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/25/2009 8:11:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-60052

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Yittrium	8174.2	92.6636	%	0.08425				0.09%
Scanadium	19390.8	96.1	%	0.32				0.33%
Aluminumt	163166.2	513.940	mg/L	9.9699	513.940	mg/L	9.9699	1.94%
QC value within limits for Aluminum Recovery = 102.79%								
Calciumt	1073665.6	494.292	mg/L	8.1292	494.292	mg/L	8.1292	1.64%
QC value within limits for Calcium Recovery = 98.86%								
Iront	57642.7	197.575	mg/L	3.5242	197.575	mg/L	3.5242	1.78%
QC value within limits for Iron Recovery = 98.79%								
Magnesiumt	213433.9	512.014	mg/L	8.8909	512.014	mg/L	8.8909	1.74%
QC value within limits for Magnesium Recovery = 102.40%								
Manganeset	-1074.6	0.0394907	mg/L	0.00258795	0.0394907	mg/L	0.00258795	6.55%
QC value within limits for Manganese Recovery = 3.95%								
Potassiumt	1338.1	0.599470	mg/L	0.0356453	0.599470	mg/L	0.0356453	5.95%
QC value within limits for Potassium Recovery = 59.95%								
Sodiumt	2158.8	0.324910	mg/L	0.0092946	0.324910	mg/L	0.0092946	2.86%
QC value within limits for Sodium Recovery = 32.49%								
Titaniumt	-387.7	-0.0297772	mg/L	0.00051910	-0.0297772	mg/L	0.00051910	1.74%
QC value within limits for Titanium Recovery = -2.98%								

All analyte(s) passed QC.

Sequence No.: 9
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 2/25/2009 8:15:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8194.0	92.8878	%	0.57058				0.61%
Scanadium	19472.8	96.5	%	0.26				0.27%
Aluminumt	163009.7	513.447	mg/L	3.3727	513.447	mg/L	3.3727	0.66%
QC value within limits for Aluminum Recovery = 102.69%								
Calciumt	1069542.9	492.394	mg/L	2.8016	492.394	mg/L	2.8016	0.57%
QC value within limits for Calcium Recovery = 98.48%								
Ironf	57956.7	198.651	mg/L	0.4319	198.651	mg/L	0.4319	0.22%
QC value within limits for Iron Recovery = 99.33%								
Magnesiumt	211642.8	507.717	mg/L	2.4936	507.717	mg/L	2.4936	0.49%
QC value within limits for Magnesium Recovery = 101.54%								
Manganesef	2624.8	0.537262	mg/L	0.0013830	0.537262	mg/L	0.0013830	0.26%
QC value within limits for Manganese Recovery = 107.45%								
Potassiumf	985.6	0.441543	mg/L	0.0053385	0.441543	mg/L	0.0053385	1.21%
Sodiumf	1347.4	0.202792	mg/L	0.0057505	0.202792	mg/L	0.0057505	2.84%
Titaniumf	-346.6	-0.0266203	mg/L	0.00048114	-0.0266203	mg/L	0.00048114	1.81%

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: MB 9987 (0.5)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 82
Date Collected: 2/25/2009 8:19:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 9987 (0.5)

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	9183.2	104.101	%	1.3581				1.30%
Scanadium	21273.6	105	%	1.3				1.24%
Aluminumt	-21.4	-0.0674280	mg/L	0.00277431	-0.0674280	mg/L	0.00277431	4.11%
Calciumt	194.8	0.0896741	mg/L	0.00267738	0.0896741	mg/L	0.00267738	2.99%
Iront	44.1	0.151157	mg/L	0.0331671	0.151157	mg/L	0.0331671	21.94%
Magnesiumt	66.6	0.159688	mg/L	0.0205026	0.159688	mg/L	0.0205026	12.84%
Manganeset	26.8	0.0037390	mg/L	0.00069279	0.0037390	mg/L	0.00069279	18.53%
Potassiumt	203.3	0.0910671	mg/L	0.01434063	0.0910671	mg/L	0.01434063	15.75%
Sodiumt	1888.9	0.284298	mg/L	0.0144618	0.284298	mg/L	0.0144618	5.09%
Titaniumt	-15.0	-0.0011559	mg/L	0.00063805	-0.0011559	mg/L	0.00063805	55.20%

Sequence No.: 11
Sample ID: LCSW
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 83
Date Collected: 2/25/2009 8:22:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8890.5	100.784	%	0.7733				0.77%
Scanadium	20753.8	103	%	0.9				0.88%
Aluminumt	1522.8	4.79664	mg/L	0.081054	4.79664	mg/L	0.081054	1.69%
Calciumt	104061.4	47.9076	mg/L	0.10104	47.9076	mg/L	0.10104	0.21%
Iront	1338.5	4.58774	mg/L	0.062330	4.58774	mg/L	0.062330	1.36%
Magnesiumt	20117.8	48.2612	mg/L	0.53842	48.2612	mg/L	0.53842	1.12%
Manganeset	3606.0	0.488490	mg/L	0.0044631	0.488490	mg/L	0.0044631	0.91%
Potassiumt	107511.8	48.1637	mg/L	0.14920	48.1637	mg/L	0.14920	0.31%
Sodiumt	323996.3	48.7638	mg/L	0.09101	48.7638	mg/L	0.09101	0.19%
Titaniumt	6137.4	0.471395	mg/L	0.0025184	0.471395	mg/L	0.0025184	0.53%

Sequence No.: 12
Sample ID: LCSW MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 84
Date Collected: 2/25/2009 8:25:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8928.6	101.215	%	0.4745				0.47%
Scanadium	20773.1	103	%	0.4				0.39%
Aluminumt	1527.6	4.81158	mg/L	0.002290	4.81158	mg/L	0.002290	0.05%
Calciumt	104128.9	47.9387	mg/L	0.20609	47.9387	mg/L	0.20609	0.43%
Iront	1349.7	4.62615	mg/L	0.144382	4.62615	mg/L	0.144382	3.12%
Magnesiumt	20166.8	48.3787	mg/L	0.17476	48.3787	mg/L	0.17476	0.36%
Manganeset	3615.8	0.489836	mg/L	0.0039778	0.489836	mg/L	0.0039778	0.81%
Potassiumt	107257.5	48.0498	mg/L	0.18655	48.0498	mg/L	0.18655	0.39%
Sodiumt	323315.2	48.6613	mg/L	0.18800	48.6613	mg/L	0.18800	0.39%
Titaniumt	6165.4	0.473548	mg/L	0.0039139	0.473548	mg/L	0.0039139	0.83%

Sequence No.: 13
Sample ID: 42818-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 85
Date Collected: 2/25/2009 8:28:14 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-001

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	9202.7	104.323	%	1.5723				1.51%
Scanadium	21504.2	107	%	1.8				1.71%
Aluminumt	-29.5	-0.0929620	mg/L	0.03439674	-0.0929620	mg/L	0.03439674	37.00%
Calciumt	419.6	0.193188	mg/L	0.0008796	0.193188	mg/L	0.0008796	0.46%
Iront	31.6	0.108461	mg/L	0.0206324	0.108461	mg/L	0.0206324	19.02%
Magnesiumt	44.2	0.106109	mg/L	0.0491273	0.106109	mg/L	0.0491273	46.30%
Manganeset	25.6	0.0035371	mg/L	0.00102361	0.0035371	mg/L	0.00102361	28.94%
Potassiumt	441.2	0.197665	mg/L	0.0383470	0.197665	mg/L	0.0383470	19.40%
Sodiumt	7205.3	1.08446	mg/L	0.006839	1.08446	mg/L	0.006839	0.63%
Titaniumt	-10.1	-0.0007773	mg/L	0.00028850	-0.0007773	mg/L	0.00028850	37.11%

Sequence No.: 14
Sample ID: 428218-001 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 86
Date Collected: 2/25/2009 8:31:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 428218-001 MR

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	9180.1	104.067	%	0.7321				0.70%
Scanadium	21305.8	106	%	0.7				0.71%
Aluminumt	-22.6	-0.0712722	mg/L	0.01751278	-0.0712722	mg/L	0.01751278	24.57%
Calciumt	413.0	0.190135	mg/L	0.0004144	0.190135	mg/L	0.0004144	0.22%
Iront	28.8	0.0985771	mg/L	0.01351579	0.0985771	mg/L	0.01351579	13.71%
Magnesiumt	37.2	0.0891310	mg/L	0.00616419	0.0891310	mg/L	0.00616419	6.92%
Manganeset	27.5	0.0037882	mg/L	0.00003203	0.0037882	mg/L	0.00003203	0.85%
Potassiumt	272.0	0.121831	mg/L	0.0172736	0.121831	mg/L	0.0172736	14.18%
Sodiumt	6398.3	0.962990	mg/L	0.0078999	0.962990	mg/L	0.0078999	0.82%
Titaniumt	-11.1	-0.0008526	mg/L	0.00002722	-0.0008526	mg/L	0.00002722	3.19%

Sequence No.: 15
Sample ID: 42818-001 MS 1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 87
Date Collected: 2/25/2009 8:34:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-001 MS 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8854.5	100.375	%	0.6236				0.62%
Scanadium	20602.1	102	%	0.5				0.53%
Aluminumt	1562.2	4.92073	mg/L	0.062445	4.92073	mg/L	0.062445	1.27%
Calciumt	105925.5	48.7658	mg/L	0.28477	48.7658	mg/L	0.28477	0.58%
Iront	1393.0	4.77464	mg/L	0.051108	4.77464	mg/L	0.051108	1.07%
Magnesiumt	20494.9	49.1659	mg/L	0.18296	49.1659	mg/L	0.18296	0.37%
Manganeset	3677.1	0.498202	mg/L	0.0052349	0.498202	mg/L	0.0052349	1.05%
Potassiumt	108755.0	48.7206	mg/L	0.47974	48.7206	mg/L	0.47974	0.98%
Sodiumt	332162.0	49.9928	mg/L	0.37841	49.9928	mg/L	0.37841	0.76%
Titaniumt	6281.8	0.482485	mg/L	0.0043084	0.482485	mg/L	0.0043084	0.89%

Sequence No.: 16
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/25/2009 8:37:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8614.6	97.6556	%	0.27505				0.28%
Scanadium	20060.2	99.4	%	0.02				0.02%
Aluminumt	1647.8	5.19013	mg/L	0.007205	5.19013	mg/L	0.007205	0.14%
QC value within limits for Aluminum Recovery = 103.80%								
Calciumt	109095.9	50.2254	mg/L	0.27456	50.2254	mg/L	0.27456	0.55%
QC value within limits for Calcium Recovery = 100.45%								
Iront	1495.5	5.12609	mg/L	0.031246	5.12609	mg/L	0.031246	0.61%
QC value within limits for Iron Recovery = 102.52%								
Magnesiumt	21453.6	51.4658	mg/L	0.03345	51.4658	mg/L	0.03345	0.06%
QC value within limits for Magnesium Recovery = 102.93%								
Manganeset	3828.5	0.518868	mg/L	0.0006376	0.518868	mg/L	0.0006376	0.12%
QC value within limits for Manganese Recovery = 103.77%								
Potassiumt	112363.4	50.3371	mg/L	0.34758	50.3371	mg/L	0.34758	0.69%
QC value within limits for Potassium Recovery = 100.67%								
Sodiumt	336836.4	50.6963	mg/L	0.28920	50.6963	mg/L	0.28920	0.57%
QC value within limits for Sodium Recovery = 101.39%								
Titaniumt	6602.1	0.507089	mg/L	0.0018397	0.507089	mg/L	0.0018397	0.36%
QC value within limits for Titanium Recovery = 101.42%								

All analyte(s) passed QC.

Sequence No.: 17
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 2/25/2009 8:40:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8704.9	98.6797	%	0.20546				0.21%
Scanadium	19993.3	99.0	%	0.79				0.80%
Aluminumt	-9.0	-0.0282082	mg/L	0.03939280	-0.0282082	mg/L	0.03939280	139.65%
QC value within limits for Aluminum Recovery = Not calculated								
Calciumt	-40.7	-0.0187439	mg/L	0.00793965	-0.0187439	mg/L	0.00793965	42.36%
QC value within limits for Calcium Recovery = Not calculated								
Iront	0.9	0.0031472	mg/L	0.04316411	0.0031472	mg/L	0.04316411	>999.9%
QC value within limits for Iron Recovery = Not calculated								
Magnesiumt	-1.4	-0.0033874	mg/L	0.00185667	-0.0033874	mg/L	0.00185667	54.81%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	8.8	0.0011790	mg/L	0.00176774	0.0011790	mg/L	0.00176774	149.94%
QC value within limits for Manganese Recovery = Not calculated								
Potassiumt	350.0	0.156810	mg/L	0.0310668	0.156810	mg/L	0.0310668	19.81%
QC value within limits for Potassium Recovery = Not calculated								
Sodiumt	462.5	0.0696156	mg/L	0.00782351	0.0696156	mg/L	0.00782351	11.24%
QC value within limits for Sodium Recovery = Not calculated								
Titaniumt	-13.0	-0.0009947	mg/L	0.00080492	-0.0009947	mg/L	0.00080492	80.92%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 18
Sample ID: 42818-001 MS 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 88
Date Collected: 2/25/2009 8:43:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-001 MS 2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8832.3	100.124	%	0.4529				0.45%
Scanadium	20580.3	102	%	0.1				0.14%
Aluminumt	1523.5	4.79885	mg/L	0.029199	4.79885	mg/L	0.029199	0.61%
Calciumt	103666.9	47.7260	mg/L	0.04286	47.7260	mg/L	0.04286	0.09%
Iront	1352.8	4.63675	mg/L	0.076940	4.63675	mg/L	0.076940	1.66%
Magnesiumt	20026.9	48.0432	mg/L	0.19893	48.0432	mg/L	0.19893	0.41%
Manganeset	3585.3	0.485747	mg/L	0.0005608	0.485747	mg/L	0.0005608	0.12%
Potassiumt	106671.7	47.7873	mg/L	0.00784	47.7873	mg/L	0.00784	0.02%
Sodiumt	325693.3	49.0192	mg/L	0.00931	49.0192	mg/L	0.00931	0.02%
Titaniumt	6112.5	0.469486	mg/L	0.0012113	0.469486	mg/L	0.0012113	0.26%

Sequence No.: 19
Sample ID: 42818-001 PS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 89
Date Collected: 2/25/2009 8:46:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-001 PS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8859.6	100.433	%	0.8106				0.81%
Scanadium	20662.3	102	%	0.8				0.75%
Aluminumt	1625.0	5.11850	mg/L	0.064984	5.11850	mg/L	0.064984	1.27%
Calciumt	110629.2	50.9313	mg/L	0.57208	50.9313	mg/L	0.57208	1.12%
Iront	1453.4	4.98165	mg/L	0.141780	4.98165	mg/L	0.141780	2.85%
Magnesiumt	21468.3	51.5011	mg/L	0.86139	51.5011	mg/L	0.86139	1.67%
Manganeset	3835.4	0.519661	mg/L	0.0087394	0.519661	mg/L	0.0087394	1.68%
Potassiumt	114418.1	51.2576	mg/L	0.35523	51.2576	mg/L	0.35523	0.69%
Sodiumt	347865.2	52.3562	mg/L	0.34318	52.3562	mg/L	0.34318	0.66%
Titaniumt	6460.2	0.496186	mg/L	0.0091812	0.496186	mg/L	0.0091812	1.85%

Sequence No.: 20
Sample ID: 42818-001 SD
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 90
Date Collected: 2/25/2009 8:49:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42818-001 SD

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	8763.1	99.3391	%	2.64911				2.67%
Scanadium	20307.4	101	%	2.3				2.33%
Aluminumt	3.8	0.0119269	mg/L	0.00048791	0.0119269	mg/L	0.00048791	4.09%
Calciumt	80.3	0.0369667	mg/L	0.00294356	0.0369667	mg/L	0.00294356	7.96%
Iront	12.0	0.0410742	mg/L	0.03499365	0.0410742	mg/L	0.03499365	85.20%
Magnesiumt	-1.1	-0.0027085	mg/L	0.05400408	-0.0027085	mg/L	0.05400408	>999.9%
Manganeset	10.2	0.0014030	mg/L	0.00000828	0.0014030	mg/L	0.00000828	0.59%
Potassiumt	434.2	0.194504	mg/L	0.0155957	0.194504	mg/L	0.0155957	8.02%
Sodiumt	1850.6	0.278521	mg/L	0.0105873	0.278521	mg/L	0.0105873	3.80%
Titaniumt	-11.3	-0.0008671	mg/L	0.00027122	-0.0008671	mg/L	0.00027122	31.28%

Sequence No.: 21
Sample ID: 42868-006
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 97
Date Collected: 2/25/2009 8:52:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-006

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8881.8	100.685	%	0.3364				0.33%
Scanadium	20488.3	101	%	0.6				0.58%
Aluminumt	1044.3	3.28927	mg/L	0.028617	3.28927	mg/L	0.028617	0.87%
Calciumt	108621.5	50.0070	mg/L	0.27599	50.0070	mg/L	0.27599	0.55%
Iront	2713.1	9.29947	mg/L	0.177253	9.29947	mg/L	0.177253	1.91%
Magnesiumt	20451.7	49.0622	mg/L	0.11063	49.0622	mg/L	0.11063	0.23%
Manganeset	4348.4	0.592566	mg/L	0.0033276	0.592566	mg/L	0.0033276	0.56%
Potassiumt	59159.2	26.5024	mg/L	0.13447	26.5024	mg/L	0.13447	0.51%
Sodiumt	1616231.3	243.255	mg/L	1.4016	243.255	mg/L	1.4016	0.58%
Titaniumt	2176.2	0.167151	mg/L	0.0010117	0.167151	mg/L	0.0010117	0.61%

Sequence No.: 22
Sample ID: 42868-007
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 98
Date Collected: 2/25/2009 8:55:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-007

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	8772.6	99.4467	%	2.23703				2.25%
Scanadium	20517.8	102	%	1.9				1.86%
Aluminumt	0.9	0.0029771	mg/L	0.01610772	0.0029771	mg/L	0.01610772	541.05%
Calciumt	101081.5	46.5357	mg/L	0.37863	46.5357	mg/L	0.37863	0.81%
Iront	55.1	0.188744	mg/L	0.0106637	0.188744	mg/L	0.0106637	5.65%
Magnesiumt	19162.5	45.9696	mg/L	0.56701	45.9696	mg/L	0.56701	1.23%
Manganeset	3788.8	0.508945	mg/L	0.0101792	0.508945	mg/L	0.0101792	2.00%
Potassiumt	55992.5	25.0838	mg/L	0.31246	25.0838	mg/L	0.31246	1.25%
Sodiumt	1552350.0	233.640	mg/L	8.2702	233.640	mg/L	8.2702	3.54%
Titaniumt	-16.0	-0.0012324	mg/L	0.00042541	-0.0012324	mg/L	0.00042541	34.52%

Sequence No.: 23
Sample ID: 42868-009
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 99
Date Collected: 2/25/2009 8:58:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-009

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	9240.9	104.755	%	0.6306				0.60%
Scanadium	21082.2	104	%	0.7				0.69%
Aluminumt	4849.5	15.2748	mg/L	0.03129	15.2748	mg/L	0.03129	0.20%
Calciumt	177330.0	81.6389	mg/L	0.71683	81.6389	mg/L	0.71683	0.88%
Iront	5225.9	17.9123	mg/L	0.22825	17.9123	mg/L	0.22825	1.27%
Magnesiumt	16210.7	38.8884	mg/L	0.14016	38.8884	mg/L	0.14016	0.36%
Manganeset	5346.1	0.734549	mg/L	0.0019038	0.734549	mg/L	0.0019038	0.26%
Potassiumt	29117.8	13.0443	mg/L	0.06640	13.0443	mg/L	0.06640	0.51%
Sodiumt	437630.8	65.8666	mg/L	0.71086	65.8666	mg/L	0.71086	1.08%
Titaniumt	5395.1	0.414379	mg/L	0.0076333	0.414379	mg/L	0.0076333	1.84%

Sequence No.: 24
Sample ID: 42868-010
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 100
Date Collected: 2/25/2009 9:01:14 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-010

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	8779.0	99.5197	%	0.13521				0.14%
Scanadium	20596.4	102	%	0.1				0.08%
Aluminumt	-9.0	-0.0284991	mg/L	0.01495157	-0.0284991	mg/L	0.01495157	52.46%
Calciumt	184057.6	84.7361	mg/L	0.53715	84.7361	mg/L	0.53715	0.63%
Iront	16.5	0.0566169	mg/L	0.02184810	0.0566169	mg/L	0.02184810	38.59%
Magnesiumt	14188.1	34.0363	mg/L	0.09600	34.0363	mg/L	0.09600	0.28%
Manganeset	4286.8	0.575687	mg/L	0.0006566	0.575687	mg/L	0.0006566	0.11%
Potassiumt	25332.1	11.3484	mg/L	0.01931	11.3484	mg/L	0.01931	0.17%
Sodiumt	446904.2	67.2623	mg/L	0.41033	67.2623	mg/L	0.41033	0.61%
Titaniumt	-50.4	-0.0038684	mg/L	0.00079497	-0.0038684	mg/L	0.00079497	20.55%

Sequence No.: 25
Sample ID: 42868-012
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 101
Date Collected: 2/25/2009 9:04:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-012

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8987.6	101.884	%	1.6706				1.64%
Scanadium	20922.0	104	%	1.8				1.76%
Aluminumt	-17.5	-0.0550804	mg/L	0.01188265	-0.0550804	mg/L	0.01188265	21.57%
Calciumt	345.7	0.159161	mg/L	0.0058036	0.159161	mg/L	0.0058036	3.65%
Iront	22.2	0.0762540	mg/L	0.03933273	0.0762540	mg/L	0.03933273	51.58%
Magnesiumt	30.7	0.0737190	mg/L	0.04875567	0.0737190	mg/L	0.04875567	66.14%
Manganeset	20.1	0.0027671	mg/L	0.00140641	0.0027671	mg/L	0.00140641	50.83%
Potassiumt	757.3	0.339259	mg/L	0.0057500	0.339259	mg/L	0.0057500	1.69%
Sodiumt	5545.1	0.834574	mg/L	0.0047431	0.834574	mg/L	0.0047431	0.57%
Titaniumt	-5.8	-0.0004488	mg/L	0.00010637	-0.0004488	mg/L	0.00010637	23.70%

Sequence No.: 26
Sample ID: ICSA V-60052
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/25/2009 9:07:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-60052

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8127.7	92.1367	%	0.35202				0.38%
Scanadium	19233.0	95.3	%	0.36				0.38%
Aluminum†	164996.2	519.705	mg/L	2.5941	519.705	mg/L	2.5941	0.50%
QC value within limits for Aluminum Recovery = 103.94%								
Calcium†	1085835.5	499.895	mg/L	1.2019	499.895	mg/L	1.2019	0.24%
QC value within limits for Calcium Recovery = 99.98%								
Iron†	58402.8	200.180	mg/L	1.7621	200.180	mg/L	1.7621	0.88%
QC value within limits for Iron Recovery = 100.09%								
Magnesium†	216386.9	519.098	mg/L	0.6588	519.098	mg/L	0.6588	0.13%
QC value within limits for Magnesium Recovery = 103.82%								
Manganese†	-1086.0	0.0403911	mg/L	0.00231431	0.0403911	mg/L	0.00231431	5.73%
QC value within limits for Manganese Recovery = 4.04%								
Potassium†	1454.3	0.651503	mg/L	0.0091333	0.651503	mg/L	0.0091333	1.40%
QC value within limits for Potassium Recovery = 65.15%								
Sodium†	3433.0	0.516686	mg/L	0.0124933	0.516686	mg/L	0.0124933	2.42%
QC value within limits for Sodium Recovery = 51.67%								
Titanium†	-372.7	-0.0286296	mg/L	0.00056457	-0.0286296	mg/L	0.00056457	1.97%
QC value within limits for Titanium Recovery = -2.86%								

All analyte(s) passed QC.

Sequence No.: 27
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 2/25/2009 9:11:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Yittrium	8200.5	92.9610	%	0.47293				0.51%
Scanadium	19327.4	95.7	%	0.22				0.23%
Aluminumt	162895.5	513.088	mg/L	1.6804	513.088	mg/L	1.6804	0.33%
QC value within limits for Aluminum Recovery = 102.62%								
Calciumt	1067774.3	491.580	mg/L	3.6748	491.580	mg/L	3.6748	0.75%
QC value within limits for Calcium Recovery = 98.32%								
Iront	57371.8	196.646	mg/L	1.5658	196.646	mg/L	1.5658	0.80%
QC value within limits for Iron Recovery = 98.32%								
Magnesiumt	213318.6	511.737	mg/L	5.9002	511.737	mg/L	5.9002	1.15%
QC value within limits for Magnesium Recovery = 102.35%								
Manganeset	2608.1	0.533145	mg/L	0.0047043	0.533145	mg/L	0.0047043	0.88%
QC value within limits for Manganese Recovery = 106.63%								
Potassiumt	1097.2	0.491521	mg/L	0.0081395	0.491521	mg/L	0.0081395	1.66%
Sodiumt	2722.6	0.409765	mg/L	0.0063071	0.409765	mg/L	0.0063071	1.54%
Titaniumt	-392.2	-0.0301214	mg/L	0.00064122	-0.0301214	mg/L	0.00064122	2.13%

All analyte(s) passed QC.

Sequence No.: 28
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/25/2009 9:14:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8374.4	94.9333	%	0.44957				0.47%
Scanadium	19490.6	96.6	%	0.27				0.28%
Aluminum†	1681.8	5.29747	mg/L	0.006784	5.29747	mg/L	0.006784	0.13%
QC value within limits for Aluminum Recovery = 105.95%								
Calcium†	111814.4	51.4769	mg/L	0.27049	51.4769	mg/L	0.27049	0.53%
QC value within limits for Calcium Recovery = 102.95%								
Iron†	1488.6	5.10232	mg/L	0.034457	5.10232	mg/L	0.034457	0.68%
QC value within limits for Iron Recovery = 102.05%								
Magnesium†	21587.6	51.7874	mg/L	0.12526	51.7874	mg/L	0.12526	0.24%
QC value within limits for Magnesium Recovery = 103.57%								
Manganese†	3835.3	0.519752	mg/L	0.0016220	0.519752	mg/L	0.0016220	0.31%
QC value within limits for Manganese Recovery = 103.95%								
Potassium†	115398.5	51.6968	mg/L	0.12813	51.6968	mg/L	0.12813	0.25%
QC value within limits for Potassium Recovery = 103.39%								
Sodium†	347948.9	52.3688	mg/L	0.30941	52.3688	mg/L	0.30941	0.59%
QC value within limits for Sodium Recovery = 104.74%								
Titanium†	6629.3	0.509176	mg/L	0.0013908	0.509176	mg/L	0.0013908	0.27%
QC value within limits for Titanium Recovery = 101.84%								

All analyte(s) passed QC.

Sequence No.: 29
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 2/25/2009 9:17:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8717.6	98.8238	%	0.53040				0.54%
Scanadium	20050.0	99.3	%	0.59				0.60%
Aluminumt	-5.2	-0.0165191	mg/L	0.00985957	-0.0165191	mg/L	0.00985957	59.69%
QC value within limits for Aluminum Recovery = Not calculated								
Calciumt	-34.0	-0.0156453	mg/L	0.00192486	-0.0156453	mg/L	0.00192486	12.30%
QC value within limits for Calcium Recovery = Not calculated								
Iront	3.2	0.0108350	mg/L	0.02736578	0.0108350	mg/L	0.02736578	252.57%
QC value within limits for Iron Recovery = Not calculated								
Magnesiumt	8.5	0.0203393	mg/L	0.00130313	0.0203393	mg/L	0.00130313	6.41%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	5.8	0.0007907	mg/L	0.00000016	0.0007907	mg/L	0.00000016	0.02%
QC value within limits for Manganese Recovery = Not calculated								
Potassiumt	322.7	0.144567	mg/L	0.0088764	0.144567	mg/L	0.0088764	6.14%
QC value within limits for Potassium Recovery = Not calculated								
Sodiumt	824.5	0.124086	mg/L	0.0131884	0.124086	mg/L	0.0131884	10.63%
QC value within limits for Sodium Recovery = Not calculated								
Titaniumt	-15.4	-0.0011794	mg/L	0.00077249	-0.0011794	mg/L	0.00077249	65.50%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 30
Sample ID: 42868-013
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 102
Date Collected: 2/25/2009 9:20:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42868-013

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8979.2	101.789	%	0.2227				0.22%
Scanadium	20843.7	103	%	0.0				0.02%
Aluminumt	-20.6	-0.0648798	mg/L	0.03151894	-0.0648798	mg/L	0.03151894	48.58%
Calciumt	419.9	0.193335	mg/L	0.0023116	0.193335	mg/L	0.0023116	1.20%
Iront	21.4	0.0731788	mg/L	0.00250711	0.0731788	mg/L	0.00250711	3.43%
Magnesiumt	42.5	0.101966	mg/L	0.0307868	0.101966	mg/L	0.0307868	30.19%
Manganeset	20.6	0.0028387	mg/L	0.00051100	0.0028387	mg/L	0.00051100	18.00%
Potassiumt	310.3	0.139000	mg/L	0.0335378	0.139000	mg/L	0.0335378	24.13%
Sodiumt	4580.6	0.689410	mg/L	0.0157425	0.689410	mg/L	0.0157425	2.28%
Titaniumt	-14.8	-0.0011384	mg/L	0.00088340	-0.0011384	mg/L	0.00088340	77.60%

Sequence No.: 31
Sample ID: ICSA V-60052
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/25/2009 9:23:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-60052

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8151.5	92.4055	%	0.43258				0.47%
Scanadium	19217.0	95.2	%	0.22				0.23%
Aluminum†	164764.7	518.975	mg/L	5.4558	518.975	mg/L	5.4558	1.05%
QC value within limits for Aluminum Recovery = 103.80%								
Calcium†	1081019.4	497.678	mg/L	4.8087	497.678	mg/L	4.8087	0.97%
QC value within limits for Calcium Recovery = 99.54%								
Iron†	58356.2	200.020	mg/L	2.9540	200.020	mg/L	2.9540	1.48%
QC value within limits for Iron Recovery = 100.01%								
Magnesium†	214765.3	515.208	mg/L	4.4375	515.208	mg/L	4.4375	0.86%
QC value within limits for Magnesium Recovery = 103.04%								
Manganese†	-1068.6	0.0425814	mg/L	0.00232615	0.0425814	mg/L	0.00232615	5.46%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	842.9	0.377610	mg/L	0.0255219	0.377610	mg/L	0.0255219	6.76%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	1872.3	0.281793	mg/L	0.0148332	0.281793	mg/L	0.0148332	5.26%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	-385.5	-0.0296102	mg/L	0.00042071	-0.0296102	mg/L	0.00042071	1.42%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 32
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 2/25/2009 9:27:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8055.0	91.3123	%	1.14497				1.25%
Scanadium	19048.2	94.4	%	0.83				0.88%
Aluminumt	165984.0	522.816	mg/L	2.9416	522.816	mg/L	2.9416	0.56%
QC value within limits for Aluminum Recovery = 104.56%								
Calciumt	1089192.5	501.441	mg/L	5.3228	501.441	mg/L	5.3228	1.06%
QC value within limits for Calcium Recovery = 100.29%								
Iront	58096.6	199.130	mg/L	0.5588	199.130	mg/L	0.5588	0.28%
QC value within limits for Iron Recovery = 99.57%								
Magnesiumt	217008.2	520.588	mg/L	8.4777	520.588	mg/L	8.4777	1.63%
QC value within limits for Magnesium Recovery = 104.12%								
Manganeset	2617.8	0.536758	mg/L	0.0010690	0.536758	mg/L	0.0010690	0.20%
QC value within limits for Manganese Recovery = 107.35%								
Potassiumt	732.7	0.328247	mg/L	0.0359467	0.328247	mg/L	0.0359467	10.95%
QC value within limits for Potassium Recovery = Not calculated								
Sodiumt	1699.3	0.255750	mg/L	0.0126096	0.255750	mg/L	0.0126096	4.93%
QC value within limits for Sodium Recovery = Not calculated								
Titaniumt	-384.8	-0.0295557	mg/L	0.00003388	-0.0295557	mg/L	0.00003388	0.11%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 33
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/25/2009 9:30:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8385.4	95.0580	%	0.12820				0.13%
Scanadium	19476.2	96.5	%	0.09				0.10%
Aluminumt	1683.7	5.30332	mg/L	0.021570	5.30332	mg/L	0.021570	0.41%
QC value within limits for Aluminum Recovery = 106.07%								
Calciumt	111086.9	51.1420	mg/L	1.05832	51.1420	mg/L	1.05832	2.07%
QC value within limits for Calcium Recovery = 102.28%								
Iront	1501.2	5.14537	mg/L	0.020640	5.14537	mg/L	0.020640	0.40%
QC value within limits for Iron Recovery = 102.91%								
Magnesiumt	21618.4	51.8612	mg/L	0.30645	51.8612	mg/L	0.30645	0.59%
QC value within limits for Magnesium Recovery = 103.72%								
Manganeset	3826.0	0.518547	mg/L	0.0020088	0.518547	mg/L	0.0020088	0.39%
QC value within limits for Manganese Recovery = 103.71%								
Potassiumt	115615.5	51.7941	mg/L	1.18188	51.7941	mg/L	1.18188	2.28%
QC value within limits for Potassium Recovery = 103.59%								
Sodiumt	347956.9	52.3701	mg/L	1.09522	52.3701	mg/L	1.09522	2.09%
QC value within limits for Sodium Recovery = 104.74%								
Titaniumt	6619.2	0.508405	mg/L	0.0012536	0.508405	mg/L	0.0012536	0.25%
QC value within limits for Titanium Recovery = 101.68%								

All analyte(s) passed QC.

Sequence No.: 34
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 2/25/2009 9:33:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	8578.2	97.2434	%	0.16548				0.17%
Scanadium	19824.8	98.2	%	0.19				0.20%
Aluminum†	-4.8	-0.0151897	mg/L	0.00583451	-0.0151897	mg/L	0.00583451	38.41%
QC value within limits for Aluminum Recovery = Not calculated								
Calcium†	-33.3	-0.0153291	mg/L	0.00111857	-0.0153291	mg/L	0.00111857	7.30%
QC value within limits for Calcium Recovery = Not calculated								
Iron†	13.1	0.0450001	mg/L	0.01635708	0.0450001	mg/L	0.01635708	36.35%
QC value within limits for Iron Recovery = Not calculated								
Magnesium†	9.6	0.0229607	mg/L	0.00675567	0.0229607	mg/L	0.00675567	29.42%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	15.0	0.0020578	mg/L	0.00008573	0.0020578	mg/L	0.00008573	4.17%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	260.0	0.116472	mg/L	0.0026093	0.116472	mg/L	0.0026093	2.24%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	194.7	0.0293011	mg/L	0.00263990	0.0293011	mg/L	0.00263990	9.01%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	-16.4	-0.0012586	mg/L	0.00139520	-0.0012586	mg/L	0.00139520	110.85%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Method: HgCV1 245.1 Page 1 Date: 2/26/2009 2:44:18 PM

PF RV Analysis 2/26/09 V-6/1839

Analysis Begun

Logged In Analyst: johns Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550 Autosampler Model: AS-91

2/26/09

Sample Information File: C:\data-AA\johns\Sample Information\H9987A.sif
Batch ID: H9987A
Results Data Set: H9987A
Results Library: C:\data-AA\johns\Results\Results.mdb

Method Loaded
Method Name: HgCV1 245.1 Method Last Saved: 12/11/2008 10:45:28 AM
Method Description: HgCV1 245.1

Sequence No.: 1 Autosampler Location: 1
Sample ID: Calibration Blank Date Collected: 2/26/2009 2:38:27 PM
Analyst: Data Type: Original

Replicate Data: Calibration Blank

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0000	-0.0004	0.0000	14:39:25	Yes
2		[0.00]	0.0000	-0.0009	0.0000	14:40:03	Yes
Mean:		[0.00]	0.0000				
SD:		0.00	0.0000				
%RSD:		0.00	61.31				

Auto-zero performed.

Sequence No.: 2 Autosampler Location: 2
Sample ID: .2 PPB Date Collected: 2/26/2009 2:40:05 PM
Analyst: Data Type: Original

Replicate Data: .2 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.0003	-0.0001	0.0003	14:41:01	Yes
2		[0.2]	0.0004	0.0003	0.0004	14:41:40	Yes
Mean:		[0.2]	0.0003				
SD:		0.0	0.0000				
%RSD:		0.0	12.75				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.00170 Intercept: 0.00000

Sequence No.: 3 Autosampler Location: 3
Sample ID: .5 PPB Date Collected: 2/26/2009 2:41:42 PM
Analyst: Data Type: Original

Replicate Data: .5 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.0010	0.0012	0.0010	14:42:38	Yes
2		[0.5]	0.0010	0.0009	0.0010	14:43:17	Yes
Mean:		[0.5]	0.0010				
SD:		0.0	0.0000				
%RSD:		0.0	3.21				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.998019 Slope: 0.00199 Intercept: -0.00002

Sequence No.: 4 Autosampler Location: 4
Sample ID: 1 PPB Date Collected: 2/26/2009 2:43:19 PM
Analyst: Data Type: Original

Replicate Data: 1 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	[1]	0.0020	0.0029	0.0020	14:44:15	Yes
2	[1]	0.0019	0.0029	0.0020	14:44:54	Yes
Mean:	[1]	0.0019				
SD:	0	0.0000				
%RSD:	0	0.40				

Standard number 3 applied. [1]
Correlation Coef.: 0.999532 Slope: 0.00197 Intercept: -0.00002

Sequence No.: 5 **Autosampler Location: 5**
Sample ID: 2 PPB **Date Collected: 2/26/2009 2:44:56 PM**
Analyst: **Data Type: Original**

Replicate Data: 2 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2]	0.0040	0.0059	0.0041	14:45:53	Yes
2		[2]	0.0040	0.0057	0.0041	14:46:31	Yes
Mean:		[2]	0.0040				
SD:		0	0.0000				
%RSD:		0	0.18				

Standard number 4 applied. [2]
Correlation Coef.: 0.999778 Slope: 0.00203 Intercept: -0.00004

Sequence No.: 6 **Autosampler Location: 6**
Sample ID: 5 PPB **Date Collected: 2/26/2009 2:46:33 PM**
Analyst: **Data Type: Original**

Replicate Data: 5 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5]	0.0102	0.0154	0.0102	14:47:29	Yes
2		[5]	0.0097	0.0143	0.0098	14:48:07	Yes
Mean:		[5]	0.0100				
SD:		0	0.0003				
%RSD:		0	3.09				

Standard number 5 applied. [5]
Correlation Coef.: 0.999949 Slope: 0.00200 Intercept: -0.00002

Sequence No.: 7 **Autosampler Location: 7**
Sample ID: 10 PPB **Date Collected: 2/26/2009 2:48:09 PM**
Analyst: **Data Type: Original**

Replicate Data: 10 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10]	0.0198	0.0316	0.0198	14:49:05	Yes
2		[10]	0.0200	0.0306	0.0200	14:49:43	Yes
Mean:		[10]	0.0199				
SD:		0	0.0001				
%RSD:		0	0.59				

Standard number 6 applied. [10]
Correlation Coef.: 0.999985 Slope: 0.00199 Intercept: -0.00001

Sequence No.: 8 **Autosampler Location: 8**
Sample ID: 25 PPB **Date Collected: 2/26/2009 2:49:45 PM**
Analyst: **Data Type: Original**

Replicate Data: 25 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[25]	0.0503	0.0827	0.0503	14:50:42	Yes
2		[25]	0.0484	0.0765	0.0484	14:51:20	Yes
Mean:		[25]	0.0493				
SD:		0	0.0014				
%RSD:		0	2.81				

Standard number 7 applied. [25]
Correlation Coef.: 0.999992 Slope: 0.00198 Intercept: 0.00002

Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Calibration Blank	0.0000	0	-0.012	0.00	61.3
.2 PPB	0.0003	0.2	0.160	0.00	12.8
.5 PPB	0.0010	0.5	0.488	0.00	3.2
1 PPB	0.0019	1.0	0.974	0.00	0.4
2 PPB	0.0040	2.0	2.035	0.00	0.2
5 PPB	0.0100	5.0	5.033	0.00	3.1
10 PPB	0.0199	10.0	10.048	0.00	0.6
25 PPB	0.0493	25.0	24.973	0.00	2.8

Correlation Coef.: 0.999992 Slope: 0.00198 Intercept: 0.00002

Sequence No.: 9 Autosampler Location: 10
Sample ID: ICV (2) Date Collected: 2/26/2009 2:51:22 PM
Analyst: Data Type: Original

Replicate Data: ICV (2)

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	19.50	19.50	0.0385	0.0623	0.0386	14:52:21	Yes
2	20.74	20.74	0.0410	0.0631	0.0410	14:53:00	Yes
Mean:	20.12	20.12	0.0398				
SD:	0.876	0.876	0.0017				
%RSD:	4.351	4.351	4.35				

QC value within limits for Hg 253.7 Recovery = 100.60%
All analyte(s) passed QC.

Sequence No.: 10 Autosampler Location: 1
Sample ID: ICB Date Collected: 2/26/2009 2:53:02 PM
Analyst: Data Type: Original

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.035	-0.035	-0.0000	-0.0020	-0.0000	14:53:59	Yes
2	-0.032	-0.032	-0.0000	-0.0013	-0.0000	14:54:38	Yes
Mean:	-0.033	-0.033	-0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	7.245	7.245	11.34				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 11 Autosampler Location: 11
Sample ID: MB 9987 (1) Date Collected: 2/26/2009 2:54:40 PM
Analyst: Data Type: Original

Replicate Data: MB 9987 (1)

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.032	-0.032	-0.0000	-0.0011	-0.0000	14:55:37	Yes
2	-0.003	-0.003	0.0000	-0.0010	0.0000	14:56:15	Yes
Mean:	-0.018	-0.018	-0.0000				
SD:	0.021	0.021	0.0000				
%RSD:	115.8	115.8	359.41				

Sequence No.: 12 Autosampler Location: 12
Sample ID: LCSW Date Collected: 2/26/2009 2:56:17 PM
Analyst: Data Type: Original

Replicate Data: LCSW

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.839	9.839	0.0195	0.0303	0.0195	14:57:13	Yes
2	10.15	10.15	0.0201	0.0289	0.0201	14:57:51	Yes
Mean:	9.995	9.995	0.0198				

SD:	0.221	0.221	0.0004
%RSD:	2.209	2.209	2.21

Sequence No.: 13 Autosampler Location: 13
Sample ID: LCSW MR Date Collected: 2/26/2009 2:57:53 PM
Analyst: Data Type: Original

Replicate Data: LCSW MR

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.837	9.837	0.0195	0.0308	0.0195	14:58:49	Yes
2	9.819	9.819	0.0194	0.0295	0.0194	14:59:28	Yes
Mean:	9.828	9.828	0.0194				
SD:	0.013	0.013	0.0000				
%RSD:	0.130	0.130	0.13				

Sequence No.: 14 Autosampler Location: 14
Sample ID: 42869-001 Date Collected: 2/26/2009 2:59:30 PM
Analyst: Data Type: Original

Replicate Data: 42869-001

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.020	0.020	0.0001	-0.0004	0.0001	15:00:25	Yes
2	0.015	0.015	0.0001	-0.0001	0.0001	15:01:04	Yes
Mean:	0.018	0.018	0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	19.48	19.48	11.63				

Sequence No.: 15 Autosampler Location: 15
Sample ID: 42869-001 MR Date Collected: 2/26/2009 3:01:06 PM
Analyst: Data Type: Original

Replicate Data: 42869-001 MR

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.033	0.033	0.0001	0.0000	0.0001	15:02:02	Yes
2	0.006	0.006	0.0000	-0.0007	0.0001	15:02:40	Yes
Mean:	0.020	0.020	0.0001				
SD:	0.019	0.019	0.0000				
%RSD:	96.80	96.80	60.31				

Sequence No.: 16 Autosampler Location: 16
Sample ID: 42869-001 MS 1 Date Collected: 2/26/2009 3:02:42 PM
Analyst: Data Type: Original

Replicate Data: 42869-001 MS 1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.17	10.17	0.0201	0.0321	0.0201	15:03:38	Yes
2	9.854	9.854	0.0195	0.0303	0.0195	15:04:16	Yes
Mean:	10.01	10.01	0.0198				
SD:	0.223	0.223	0.0004				
%RSD:	2.226	2.226	2.22				

Sequence No.: 17 Autosampler Location: 17
Sample ID: 42869-001 MS 2 Date Collected: 2/26/2009 3:04:18 PM
Analyst: Data Type: Original

Replicate Data: 42869-001 MS 2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.01	10.01	0.0198	0.0308	0.0198	15:05:13	Yes
2	9.585	9.585	0.0190	0.0256	0.0190	15:05:52	Yes
Mean:	9.800	9.800	0.0194				
SD:	0.304	0.304	0.0006				

%RSD: 3.099 3.099 3.10

Sequence No.: 18
Sample ID: 42869-002
Analyst:
Autosampler Location: 18
Date Collected: 2/26/2009 3:05:54 PM
Data Type: Original

Replicate Data: 42869-002

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.795	0.795	0.0016	0.0007	0.0016	15:06:50	Yes
2	0.877	0.877	0.0018	0.0030	0.0018	15:07:28	Yes
Mean:	0.836	0.836	0.0017				
SD:	0.058	0.058	0.0001				
%RSD:	6.930	6.930	6.83				

Sequence No.: 19
Sample ID: 42869-003
Analyst:
Autosampler Location: 19
Date Collected: 2/26/2009 3:07:30 PM
Data Type: Original

Replicate Data: 42869-003

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.007	-0.007	0.0000	0.0000	0.0000	15:08:29	Yes
2	-0.011	-0.011	0.0000	-0.0003	0.0000	15:09:07	Yes
Mean:	-0.009	-0.009	0.0000				
SD:	0.003	0.003	0.0000				
%RSD:	29.71	29.71	91.20				

Sequence No.: 20
Sample ID: 42869-004
Analyst:
Autosampler Location: 20
Date Collected: 2/26/2009 3:09:09 PM
Data Type: Original

Replicate Data: 42869-004

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.989	1.989	0.0040	0.0063	0.0040	15:10:05	Yes
2	1.978	1.978	0.0039	0.0061	0.0040	15:10:43	Yes
Mean:	1.984	1.984	0.0039				
SD:	0.008	0.008	0.0000				
%RSD:	0.407	0.407	0.40				

Sequence No.: 21
Sample ID: CCV
Analyst:
Autosampler Location: 9
Date Collected: 2/26/2009 3:10:46 PM
Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.999	9.999	0.0198	0.0320	0.0198	15:11:42	Yes
2	9.731	9.731	0.0192	0.0294	0.0193	15:12:21	Yes
Mean:	9.865	9.865	0.0195				
SD:	0.190	0.190	0.0004				
%RSD:	1.922	1.922	1.92				

QC value within limits for Hg 253.7 Recovery = 98.65%
All analyte(s) passed QC.

Sequence No.: 22
Sample ID: CCB
Analyst:
Autosampler Location: 1
Date Collected: 2/26/2009 3:12:23 PM
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.019	-0.019	-0.0000	-0.0006	0.0000	15:13:19	Yes
2	-0.019	-0.019	-0.0000	-0.0005	0.0000	15:13:57	Yes
Mean:	-0.019	-0.019	-0.0000				

SD:	0.000	0.000	0.0000
%RSD:	0.157	0.157	0.43

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 23 **Autosampler Location: 21**
Sample ID: 42868-006 **Date Collected: 2/26/2009 3:13:59 PM**
Analyst: **Data Type: Original**

Replicate Data: 42868-006

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.042	0.042	0.0001	-0.0014	0.0001	15:14:57	Yes
2	-0.005	-0.005	0.0000	-0.0026	0.0000	15:15:35	Yes
Mean:	0.019	0.019	0.0001				
SD:	0.034	0.034	0.0001				
%RSD:	182.9	182.9	110.85				

Sequence No.: 24 **Autosampler Location: 22**
Sample ID: 42868-007 **Date Collected: 2/26/2009 3:15:37 PM**
Analyst: **Data Type: Original**

Replicate Data: 42868-007

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.006	0.006	0.0000	0.0004	0.0001	15:16:33	Yes
2	-0.007	-0.007	0.0000	-0.0001	0.0000	15:17:11	Yes
Mean:	-0.001	-0.001	0.0000				
SD:	0.010	0.010	0.0000				
%RSD:	>999.9%	>999.9%	84.05				

Sequence No.: 25 **Autosampler Location: 23**
Sample ID: 42868-009 **Date Collected: 2/26/2009 3:17:13 PM**
Analyst: **Data Type: Original**

Replicate Data: 42868-009

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.001	0.001	0.0000	-0.0000	0.0000	15:18:09	Yes
2	-0.012	-0.012	-0.0000	-0.0003	0.0000	15:18:48	Yes
Mean:	-0.006	-0.006	0.0000				
SD:	0.009	0.009	0.0000				
%RSD:	157.8	157.8	150.58				

Sequence No.: 26 **Autosampler Location: 24**
Sample ID: 42868-010 **Date Collected: 2/26/2009 3:18:50 PM**
Analyst: **Data Type: Original**

Replicate Data: 42868-010

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.290	0.290	0.0006	0.0007	0.0006	15:19:46	Yes
2	0.273	0.273	0.0006	0.0003	0.0006	15:20:24	Yes
Mean:	0.282	0.282	0.0006				
SD:	0.012	0.012	0.0000				
%RSD:	4.436	4.436	4.25				

Sequence No.: 27 **Autosampler Location: 25**
Sample ID: 42868-012 **Date Collected: 2/26/2009 3:20:26 PM**
Analyst: **Data Type: Original**

Replicate Data: 42868-012

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.006	-0.006	0.0000	-0.0003	0.0000	15:21:23	Yes
2	-0.018	-0.018	-0.0000	-0.0005	0.0000	15:22:01	Yes

Mean:	-0.012	-0.012	-0.0000
SD:	0.009	0.009	0.0000
%RSD:	71.17	71.17	>999.9%

Sequence No.: 28 **Autosampler Location: 26**
Sample ID: 42868-013 **Date Collected: 2/26/2009 3:22:03 PM**
Analyst: **Data Type: Original**

Replicate Data: 42868-013

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.022	0.022	0.0001	-0.0002	0.0001	15:22:59	Yes
2	0.000	0.000	0.0000	-0.0015	0.0000	15:23:37	Yes
Mean:	0.011	0.011	0.0000				
SD:	0.015	0.015	0.0000				
%RSD:	135.2	135.2	65.48				

Sequence No.: 29 **Autosampler Location: 9**
Sample ID: CCV **Date Collected: 2/26/2009 3:23:39 PM**
Analyst: **Data Type: Original**

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.707	9.707	0.0192	0.0327	0.0192	15:24:37	Yes
2	9.784	9.784	0.0193	0.0293	0.0194	15:25:16	Yes
Mean:	9.746	9.746	0.0193				
SD:	0.054	0.054	0.0001				
%RSD:	0.556	0.556	0.55				

QC value within limits for Hg 253.7 Recovery = 97.46%
All analyte(s) passed QC.

Sequence No.: 30 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 2/26/2009 3:25:18 PM**
Analyst: **Data Type: Original**

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.021	-0.021	-0.0000	-0.0006	0.0000	15:26:14	Yes
2	-0.005	-0.005	0.0000	0.0003	0.0000	15:26:53	Yes
Mean:	-0.013	-0.013	-0.0000				
SD:	0.011	0.011	0.0000				
%RSD:	87.08	87.08	>999.9%				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Metal Data
Digestion Logbook Data

Hampton-Clarke/Veritech

ICP SAMPLE PREPARATION LOG

ANALYTICAL METHOD: 3010A 3005A (3050B) 200.2 OTHER_____

Batch No.: 9990 Analyst: MR

Matrix: Soil Prep Date: 2/24/09

Reviewed By: SB

LAB ID#	ICP		ICP-MS (Secondary dil)		TCLP		COMMENTS
	Initial	Final	Aliquot	Final	Eff	TCLP	
Method blank	50mls	50mls				--	
LCS	0.5g	↓				--	
LCSD	↓	↓				--	
1. 42880 001	↓	↓					
MR 42880 001	↓	↓					
MS 42880 001	↓	↓					
MSD 42880 001	↓	↓					
2. 42875 001	↓	↓					
3. 42875 002	↓	↓					
4. 42875 003	↓	↓					
5. 42875 004	↓	↓					
6. 42868 001	↓	↓					
7. 42868 002	↓	↓					
8. 42868 003	↓	↓					
9. 42868 004	↓	↓					
10. 42868 005	↓	↓					
11.							
12.							
13.							
14.							
15.							
16.							
17.							
18.							
19.							
20.							

Hot Plate Temperature: 93.1 C (90-95° C)

	Volume mL	Lot #
CS, LCSD	0.5g	V- 3815
	0	V-
S, MSD	0.5	V- 3788
	0.5	V- 3789

Acid	Vol mL	Lot#
HNO_3	2.5	V-3865
HCl	5	V- 3768
H_2O_2	1.5	V- 3306

Acid	Vol mL	Lot#
1:1 HNO_3	5	V- 61391
1:1 HCl		V-

Relinquished By Maxine Rims Date 2/24/09

Received By [signature] Date 2/24/09

Hampton-Clarke/Veritec

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: 245.1 7470A 7471A OTHER_____

Batch No.: 9990
Matrix: SOIL
Analyst: MR
Prep Date: 2/24/09
Review By: JS 2/25/09

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25mls	25mls	
LCS	0.15g		
LCSD			
1. 42880 001			
MR 42880 001			
MS 42880 001			
MSD 42880 001			
2. 42875 001			
3. 42868 001			
4. 42868 002			
5. 42868 003			
6. 42868 004			
7. 42868 005			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

$KmnO_4$: V-	56935
$K_2S_2O_8$: V-	
NH_2OH: V-	56936

*Block Temp.:	93.1° C
Time In Block:	13:30
Time Out of Block:	14:00

Spike Volume & Lot #

☐ LCS	V-	3815	0.15g
☐ MS	V-	61408	0.250 ml
☐ Standards/Control Batch	B-	5264	

Acid	Volume (mL)	Lot #:
HNO_3		V- 3769
HCl		V- 3768
H_2SO_4		V-

* required range = 90-95° C

Relinquished By: [signature] 2/25/09

Hampton-Clarke/Veritech

ICP SAMPLE PREPARATION LOG

ANALYTICAL METHOD: 3010A 3005A 3050B (200.2) OTHER_____

Batch No.: 9987 Analyst: MR

Matrix: (DW) H2O Prep Date: 2/25/09

Reviewed By: SB

LAB ID#	ICP		ICP-MS (Secondary dil)		TCLP		COMMENTS
	Initial	Final	Aliquot	Final	Eff	TCLP	
Method blank	100mls	50mls				--	
LCS	↓	↓				--	
LCSD						--	
1. 42818 001							
MR 42818 001							
MS 42818 001							
MSD 42818 001							
2. 42818 002							
3. 42818 003							
4. 42869 001							
5. 42869 002							
6. 42869 003	↓						
7. 42869 004	50mls						
8. 42868 006	100mls						
9. 42868 007							Lab filtered
10. 42868 009							
11. 42868 010							Lab filtered
12. 42868 012							
13. 42868 013	↓	↓					Lab filtered
14.							
15.							
16.							
17.							
18.							
19.							
20.							

Hot Plate Temperature: 93.1 C (90-95° C)

	Volume mL	Lot #
LCS/LCSD	0.5	V- 3788
	0.5	V- 3789
MS/MSD	0.5	V- 3788
	0.5	V- 3789

Acid	Vol mL	Lot#
HNO_3		V-
HCl		V-
H_2O_2		V-

Acid	Vol mL	Lot#
1:1 HNO_3	2	V- 61391
1:1 HCl	1	V- 58586
1:4 HCl	10	V-53292

Relinquished By Wayne Rives Date 2/25/09

Received By _____ Date 2/25/09

Hampton-Clarke/Veritec

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: (245.1) 7470A 7471A OTHER_____

Batch No.: 9987
Matrix: 600 H2O

Analyst: MR
Prep Date: 2/25/09
Review By: JS 2/26/09

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25mls	25mls	
LCS	↓	↓	
LCSD			
1. 42869 001			
MR 42869 001			
MS 42869 001			
MSD 42869 001			
2. 42869 002			
3. 42869 003			
4. 42869 004			
5. 42868 006			
6. 42868 007			Lab Filtered
7. 42868 009			
8. 42868 010			Lab Filtered
9. 42868 012			
10. 42868 013			Lab Filtered
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

$KmnO_4$: V-	S6935
$K_2S_2O_8$: V-	S6940
NH_2OH: V-	S6936

*Block Temp.:	93.1° C
Time In Block:	11:30
Time Out of Block:	13:30

Spike Volume & Lot #

☐ LCS	V-	61473	0.15g
☐ MS	V-	61473	0.250 ml
☐ Standards/Control Batch	B-	5270	

Acid	Volume (mL)	Lot #:
HNO_3		V- 3769
HCl		V-
H_2SO_4		V- 31613

* required range = 90-95° C

Relinquished By: Mark Rivers 2/25/09
2/26/09

Wet Chemistry Data

Wet Chemistry Data
Sample Results

VERITECH Wet Chem Form1 Analysis Summary

Lab#: AC42868-001 | Project Number: 9022301
Matrix: Soil | Received Date: 2/20/2009
Client SampleID: WB-2 | Collect Date: 2/20/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-S-9012	1	ND	mg/kg	0.35	02/27/09	02/27/09

Lab#: AC42868-002 | Project Number: 9022301
Matrix: Soil | Received Date: 2/20/2009
Client SampleID: WB-3 | Collect Date: 2/19/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-S-9012	1	ND	mg/kg	0.32	02/27/09	02/27/09

Lab#: AC42868-003 | Project Number: 9022301
Matrix: Soil | Received Date: 2/20/2009
Client SampleID: WB-4 | Collect Date: 2/19/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-S-9012	1	ND	mg/kg	0.32	02/27/09	02/27/09

Lab#: AC42868-004 | Project Number: 9022301
Matrix: Soil | Received Date: 2/20/2009
Client SampleID: MW-6S | Collect Date: 2/20/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-S-9012	1	ND	mg/kg	0.32	02/27/09	02/27/09

Lab#: AC42868-005 | Project Number: 9022301
Matrix: Soil | Received Date: 2/20/2009
Client SampleID: MW-7S | Collect Date: 2/19/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-S-9012	1	ND	mg/kg	0.32	02/27/09	02/27/09

Lab#: AC42868-006 | Project Number: 9022301
Matrix: Aqueous | Received Date: 2/20/2009
Client SampleID: WB-2 GW U | Collect Date: 2/20/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-WATER-MUR	1	ND	mg/l	0.01	02/24/09	02/24/09

Lab#: AC42868-009 | Project Number: 9022301
Matrix: Aqueous | Received Date: 2/20/2009
Client SampleID: WB-4 GW U | Collect Date: 2/20/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-WATER-MUR	1	ND	mg/l	0.01	02/24/09	02/24/09

Lab#: AC42868-012 | Project Number: 9022301
Matrix: Aqueous | Received Date: 2/20/2009
Client SampleID: FB U | Collect Date: 2/20/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-WATER-MUR	1	ND	mg/l	0.01	02/24/09	02/24/09

VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 9022301**

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	PQL	Prep Date	Analysis Date	Received Date	Collect Date
AC42868-001	WB-2	Soil	1	72	Percent			02/24/09	02/20/09	02/20/09
AC42868-002	WB-3	Soil	1	79	Percent			02/24/09	02/20/09	02/19/09
AC42868-003	WB-4	Soil	1	79	Percent			02/24/09	02/20/09	02/19/09
AC42868-004	MW-6S	Soil	1	79	Percent			02/24/09	02/20/09	02/20/09
AC42868-005	MW-7S	Soil	1	77	Percent			02/24/09	02/20/09	02/19/09

Wet Chemistry Data
QC Data

Analysis Type: CN-S

Batch Number: CN-S-87 **Units:** mg/kg

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
CCV	CCV-3	0.4	90-110	NA	0.391351	98	NA	
CCV	CCV-2	0.4	90-110	NA	0.393645	98	NA	
CCV	CCV-1	0.4	90-110	NA	0.392837	98	NA	
DUP	AC42795-001	0	NA	20	0.07383152	NA	NA	Nc
ICV	ICV-02/27/09	0.378	90-110	NA	0.383186	101	NA	
ICV	ICV-02/25/09	0.378	90-110	NA	0.394698	104	NA	
LCS	LCS-2	5	75-125	NA	5.183325	104	NA	
LCS	LCS-1	5	75-125	NA	5.080825	102	NA	
MS	AC42795-001	5.434783	75-125	NA	5.439511	100	NA	
MSD	AC42795-001	5.434783	75-125	20	5.444565	100	0.093	

Analytical Method(s)

EPA 9012B

Sam #	Type	MB	Result	RL	Per Sol	Raw Result	Raw Result	SmpWt	DF	ScrubVol	Prep Date	Prep By	Anal Date	Anal By
ICV-02/25/09	ICV		0.39	0.25	100	0.3947	0.394698	1	1	1		hs	02/25/09	hs
MB-1-02/25/09	MB	MB-1-02/25/09	ND	0.25	100	0.01485	0.000594	2	1	50	02/25/09	hs	02/25/09	hs
LCS-1	LCS	MB-1-02/25/09	5.1	0.25	100	5.0808	0.203233	2	1	50	02/25/09	hs	02/25/09	hs
AC42794-002	Sample	MB-1-02/25/09	3.5	0.27	91	3.4851	0.126858	2	1	50	02/25/09	hs	02/25/09	hs
AC42794-003	Sample	MB-1-02/25/09	4	0.28	88	3.9738	0.139878	2	1	50	02/25/09	hs	02/25/09	hs
AC42794-004	Sample	MB-1-02/25/09	5	0.27	91	5.022	0.182799	2	1	50	02/25/09	hs	02/25/09	hs
AC42795-001	DUP	MB-1-02/25/09	ND	0.27	92	0.073832	0.002717	2	1	50	02/25/09	hs	02/25/09	hs
AC42795-001	Sample	MB-1-02/25/09	ND	0.27	92	0.030082	0.001107	2	1	50	02/25/09	hs	02/25/09	hs
AC42795-001	MS	MB-1-02/25/09	5.4	0.27	92	5.4395	0.200174	2	1	50	02/25/09	hs	02/25/09	hs
AC42795-001	MSD	MB-1-02/25/09	5.4	0.27	92	5.4446	0.200360	2	1	50	02/25/09	hs	02/25/09	hs
AC42815-001	Sample	MB-1-02/25/09	0.74	0.26	94	0.7404	0.027839	2	1	50	02/25/09	hs	02/25/09	hs
CCV-1	CCV	MB-1-02/25/09	0.39	0.25	100	0.39284	0.392837	1	1	1	02/25/09	hs	02/25/09	hs
AC42815-002	Sample	MB-1-02/25/09	1.7	0.27	91	1.6965	0.061753	2	1	50	02/25/09	hs	02/25/09	hs
AC42815-003	Sample	MB-1-02/25/09	1.4	0.28	90	1.3683	0.049258	2	1	50	02/25/09	hs	02/25/09	hs
AC42815-004	Sample	MB-1-02/25/09	1.6	0.28	90	1.6442	0.059190	2	1	50	02/25/09	hs	02/25/09	hs
AC42859-001	Sample	MB-1-02/25/09	ND	0.29	85	0.11659	0.003964	2	1	50	02/25/09	hs	02/25/09	hs
AC42859-003	Sample	MB-1-02/25/09	ND	0.29	87	0.070259	0.002445	2	1	50	02/25/09	hs	02/25/09	hs
AC42859-005	Sample	MB-1-02/25/09	ND	0.29	85	0.0885	0.003009	2	1	50	02/25/09	hs	02/25/09	hs
AC42860-001	Sample	MB-1-02/25/09	ND	0.28	89	0.060927	0.002169	2	1	50	02/25/09	hs	02/25/09	hs
CCV-2	CCV	MB-1-02/25/09	0.39	0.25	100	0.39364	0.393645	1	1	1	02/25/09	hs	02/25/09	hs
ICV-02/27/09	ICV		0.38	0.25	100	0.38319	0.383186	1	1	1		hs	02/27/09	hs
MB-1-02/27/09	MB	MB-1-02/27/09	ND	0.25	100	0.08545	0.003418	2	1	50	02/27/09	hs	02/27/09	hs
LCS-2	LCS	MB-1-02/27/09	5.2	0.25	100	5.1833	0.207333	2	1	50	02/27/09	hs	02/27/09	hs
AC42866-012	Sample	MB-1-02/27/09	ND	0.27	91	0.16692	0.006076	2	1	50	02/27/09	hs	02/27/09	hs
AC42868-001	Sample	MB-1-02/27/09	ND	0.35	72	0.23444	0.006752	2	1	50	02/27/09	hs	02/27/09	hs
AC42868-002	Sample	MB-1-02/27/09	ND	0.32	79	0.19013	0.006008	2	1	50	02/27/09	hs	02/27/09	hs
AC42868-003	Sample	MB-1-02/27/09	ND	0.32	79	0.31563	0.009974	2	1	50	02/27/09	hs	02/27/09	hs
AC42868-004	Sample	MB-1-02/27/09	ND	0.32	79	0.31111	0.009831	2	1	50	02/27/09	hs	02/27/09	hs
AC42868-005	Sample	MB-1-02/27/09	ND	0.32	77	0.1713	0.005276	2	1	50	02/27/09	hs	02/27/09	hs
AC42875-001	Sample	MB-1-02/27/09	0.51	0.33	75	0.50513	0.015154	2	1	50	02/27/09	hs	02/27/09	hs
AC42789-001	Sample	MB-1-02/27/09	ND	0.25	99	0.20018	0.007927	2	1	50	02/27/09	hs	02/27/09	hs
CCV-3	CCV	MB-1-02/27/09	0.39	0.25	100	0.39135	0.391351	1	1	1	02/27/09	hs	02/27/09	hs

NS 3/2/09

Flag Codes: Ra - Recovery failed specified criteria (PVS/LCS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Analysis Type: CN-W

Batch Number: CN-W-38 **Units:** mg/l

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
CCV	CCV-2	0.4	90-110	NA	0.392058	98	NA	
CCV	CCV-1	0.4	90-110	NA	0.392096	98	NA	
DUP	AC42683-001	0	NA	20	0.006828	NA	NA	Nc
ICV	ICV-02/24/09	0.378	90-110	NA	0.395197	105	NA	
LCS	LCS-1	0.2	75-125	NA	0.209745	105	NA	
MS	AC42683-001	0.2	75-125	NA	0.233963	117	NA	
MSD	AC42683-001	0.2	75-125	20	0.213359	107	9.2	

Analytical Method(s)

EPA 335.4,EPA 9012B

Sam #	Type	MB	Result	RL	Per Sol	Raw Result	Raw Result	SmpVol	DF	ScrubVol	Prep Date	Prep By	Anal Date	Anal By
ICV-02/24/09	ICV		0.4	0.01	100	0.3952	0.395197	1	1	1		hs	02/24/09	hs
MB-1-02/24/09	MB	MB-1-02/24/09	ND	0.01	100	0.002359	0.002359	50	1	50	02/24/09	hs	02/24/09	hs
LCS-1	LCS	MB-1-02/24/09	0.21	0.01	100	0.20975	0.209745	50	1	50	02/24/09	hs	02/24/09	hs
AC42683-001	DUP	MB-1-02/24/09	ND	0.01	100	0.006828	0.006828	50	1	50	02/24/09	hs	02/24/09	hs
AC42683-001	Sample	MB-1-02/24/09	ND	0.01	100	0.006395	0.006395	50	1	50	02/24/09	hs	02/24/09	hs
AC42683-001	MS	MB-1-02/24/09	0.23	0.01	100	0.23396	0.233963	50	1	50	02/24/09	hs	02/24/09	hs
AC42683-001	MSD	MB-1-02/24/09	0.21	0.01	100	0.21336	0.213359	50	1	50	02/24/09	hs	02/24/09	hs
AC42820-012	Sample	MB-1-02/24/09	ND	0.01	100	0.002649	0.002649	50	1	50	02/24/09	hs	02/24/09	hs
AC42868-006	Sample	MB-1-02/24/09	ND	0.01	100	0.002101	0.002101	50	1	50	02/24/09	hs	02/24/09	hs
AC42868-009	Sample	MB-1-02/24/09	ND	0.01	100	0.001454	0.001454	50	1	50	02/24/09	hs	02/24/09	hs
AC42868-012	Sample	MB-1-02/24/09	ND	0.01	100	0.001212	0.001212	50	1	50	02/24/09	hs	02/24/09	hs
CCV-1	CCV	MB-1-02/24/09	0.39	0.01	100	0.3921	0.392096	1	1	1	02/24/09	hs	02/24/09	hs
AC42857-002	Sample	MB-1-02/24/09	ND	0.01	100	0.001575	0.001575	50	1	50	02/24/09	hs	02/24/09	hs
AC42857-003	Sample	MB-1-02/24/09	ND	0.01	100	0.004218	0.004218	50	1	50	02/24/09	hs	02/24/09	hs
AC42857-004	Sample	MB-1-02/24/09	ND	0.01	100	0.008844	0.008844	50	1	50	02/24/09	hs	02/24/09	hs
AC42857-005	Sample	MB-1-02/24/09	ND	0.01	100	0.005795	0.005795	50	1	50	02/24/09	hs	02/24/09	hs
AC42857-006	Sample	MB-1-02/24/09	0.015	0.01	100	0.015066	0.015066	50	1	50	02/24/09	hs	02/24/09	hs
AC42857-007	Sample	MB-1-02/24/09	ND	0.01	100	0.003896	0.003896	50	1	50	02/24/09	hs	02/24/09	hs
CCV-2	CCV	MB-1-02/24/09	0.39	0.01	100	0.39206	0.392058	1	1	1	02/24/09	hs	02/24/09	hs

2/26/09

Flag Codes: Ra - Recovery failed specified criteria (PVS/LCS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Analysis Type: SOLIDS-S

Batch Number: SOLIDS-S-2494 **Units:** Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC42867-001	NA	NA	5	88.02129	NA	0.17	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC42867-001	DUP		88			88.021	1.35	12.62	11.27			02/24/09	PRAS
AC42867-001	Sample		88			87.871	1.35	12.48	11.13			02/24/09	PRAS
AC42867-003	Sample		86			85.598	1.36	12.4	10.81			02/24/09	PRAS
AC42867-004	Sample		80			79.764	1.35	12.37	10.14			02/24/09	PRAS
AC42867-005	Sample		80			80.347	1.35	12.29	10.14			02/24/09	PRAS
AC42867-007	Sample		82			82.23	1.36	12.39	10.43			02/24/09	PRAS
AC42867-008	Sample		85			85.451	1.36	12.22	10.64			02/24/09	PRAS
AC42867-009	Sample		82			82.447	1.37	12.65	10.67			02/24/09	PRAS
AC42867-010	Sample		84			84.225	1.38	12.6	10.83			02/24/09	PRAS
AC42868-001	Sample		72			71.971	1.37	12.43	9.33			02/24/09	PRAS
AC42868-002	Sample		79			79.238	1.36	12.39	10.1			02/24/09	PRAS
AC42868-003	Sample		79			79.462	1.37	12.52	10.23			02/24/09	PRAS
AC42868-004	Sample		79			78.584	1.36	12.38	10.02			02/24/09	PRAS
AC42868-005	Sample		77			77.203	1.36	12.37	9.86			02/24/09	PRAS
AC42874-001	Sample		72			72.151	1.35	12.23	9.2			02/24/09	PRAS
AC42875-001	Sample		75			75.246	1.37	12.56	9.79			02/24/09	PRAS
AC42875-002	Sample		34			34.28	1.37	12.28	5.11			02/24/09	PRAS
AC42875-003	Sample		57			57.246	1.37	12.48	7.73			02/24/09	PRAS
AC42875-004	Sample		44			44.112	1.36	12.74	6.38			02/24/09	PRAS
AC42878-001	Sample		87			87.071	1.37	12.43	11			02/24/09	PRAS
AC42890-001	Sample		83			83.303	1.42	12.38	10.55			02/24/09	PRAS

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

Wet Chemistry Data
Raw Data

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60743

Prepared By: Dowbnia, James A
Description: 1.25 N NaOH
Prep Date: 2/10/2009
Expiration Date: 8/9/2009
Department: WetChem
BatchNumber:
Concentration: 1.25 n
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3719	Sodiun hydroxide	100 g	neat neat	
1016	DI water (fill to volume)			

Veritech Lot Number: V-60992

Prepared By: Saghari, Hossain
Description: Sulfamic Acid(6 Months)
Prep Date: 2/15/2009
Expiration Date: 7/28/2009
Department: WetChem
BatchNumber:
Concentration: Reagent reagent
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3573	Sulfamic Acid	40 g	neat neat	
1016	DI water (fill to volume)			

Veritech Lot Number: V-61274

Prepared By: Saghari, Hossain
Description: 1.25 N NaOH
Prep Date: 2/20/2009
Expiration Date: 8/19/2009
Department: WetChem
BatchNumber:
Concentration: 1.25 n
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3853	Sodium Hydroxide	100 g	neat neat	
1016	DI water (fill to volume)			

Veritech Lot Number: V-61283

Prepared By: Saghari, Hossain
Description: 0.25 N NaOH
Prep Date: 2/22/2009
Expiration Date: 8/19/2009
Department: WetChem
BatchNumber:
Concentration: 0.25 n
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61274	1.25 N NaOH	400 ml	1.25 n	
1016	DI water (fill to volume)			

Veritech Lot Number: V-61300

Prepared By: Saghari, Hossain
Description: Magnesium Chloride
Prep Date: 2/23/2009
Expiration Date: 8/21/2009
Department: WetChem
BatchNumber:
Concentration: Reagent reagent
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3584	Magnesium Chloride Hexahydrate	255 g	neat neat	
1016	DI water (fill to volume)			

Veritech Lot Number: V-61405

Prepared By: Saghari, Hossain
Description: 0.25 N NaOH
Prep Date: 2/24/2009
Expiration Date: 8/8/2009
Department: WetChem
BatchNumber:
Concentration: 0.25 n
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60743	1.25 N NaOH	400 ml	1.25 n	
1016	DI water (fill to volume)			

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61406

Prepared By: Saghari, Hossain
Description: 10 ppm
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: WetChem
BatchNumber:
Concentration: 10 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
3843	1000 ppm Cyanide	1 ml	1000 ppm	

Veritech Lot Number: V-61428

Prepared By: Saghari, Hossain
Description: 0.8 ppm Cyanide
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: WetChem
BatchNumber: B-5263
Concentration: 0.8 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61406	10 ppm	20 ml	10 ppm	

Veritech Lot Number: V-61429

Prepared By: Saghari, Hossain
Description: 0.4 ppm Cyanide
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: WetChem
BatchNumber: B-5263
Concentration: 0.4 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61406	10 ppm	10 ml	10 ppm	

Veritech Lot Number: V-61430

Prepared By: Saghari, Hossain
Description: 0.01 ppm Cyanide
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: WetChem
BatchNumber: B-5263
Concentration: 0.01 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61406	10 ppm	.25 ml	10 ppm	

Veritech Lot Number: V-61431

Prepared By: Saghari, Hossain
Description: 0.4 ppm Cyanide CCV
Prep Date: 2/24/2009
Expiration Date: 2/24/2009
Department: WetChem
BatchNumber: B-5263
Concentration: 0.4 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61274	1.25 N NaOH	50 ml	1.25 n	
1016	DI water (fill to volume)			
V-61406	10 ppm	10 ml	10 ppm	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61471

Prepared By: Saghari, Hossain
Description: 1:1 H2SO4
Prep Date: 2/22/2009
Expiration Date: 8/21/2009
Department: WetChem
BatchNumber:
Concentration: 1:1 vol/vol
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3748	Sulfuric acid	500 ml		
1016	DI water (fill to volume)			

Veritech Lot Number: V-61514

Prepared By: Saghari, Hossain
Description: 10 ppm
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: WetChem
BatchNumber:
Concentration: 10 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
3843	1000 ppm Cyanide	1 ml	1000 ppm	

Veritech Lot Number: V-61515

Prepared By: Saghari, Hossain
Description: 0.8 ppm Cyanide
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: WetChem
BatchNumber: B-5271
Concentration: 0.8 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61514	10 ppm	20 ml	10 ppm	

Veritech Lot Number: V-61516

Prepared By: Saghari, Hossain
Description: 0.4 ppm Cyanide
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: WetChem
BatchNumber: B-5271
Concentration: 0.4 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61514	10 ppm	10 ml	10 ppm	

Veritech Lot Number: V-61517

Prepared By: Saghari, Hossain
Description: 0.01 ppm Cyanide
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: WetChem
BatchNumber: B-5271
Concentration: 0.01 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61514	10 ppm	.25 ml	10 ppm	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61518

Prepared By: Saghari, Hossain
Description: 0.4 ppm Cyanide CCV
Prep Date: 2/25/2009
Expiration Date: 2/25/2009
Department: WetChem
BatchNumber: B-5271
Concentration: 0.4 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61274	1.25 N NaOH	50 ml	1.25 n	
1016	DI water (fill to volume)			
V-61514	10 ppm	10 ml	10 ppm	

Veritech Lot Number: V-61520

Prepared By: Saghari, Hossain
Description: 0.25 N NaOH
Prep Date: 2/25/2009
Expiration Date: 8/8/2009
Department: WetChem
BatchNumber:
Concentration: 0.25 n
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60743	1.25 N NaOH	400 ml	1.25 n	
1016	DI water (fill to volume)			

Veritech Lot Number: V-61558

Prepared By: Saghari, Hossain
Description: Magnesium Chloride
Prep Date: 2/25/2009
Expiration Date: 8/21/2009
Department: WetChem
BatchNumber:
Concentration: Reagent reagent
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3584	Magnesium Chloride Hexahydrate	255 g	neat neat	
1016	DI water (fill to volume)			

Veritech Lot Number: V-61586

Prepared By: Saghari, Hossain
Description: 10 ppm
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: WetChem
BatchNumber:
Concentration: 10 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
3843	1000 ppm Cyanide	1 ml	1000 ppm	

Veritech Lot Number: V-61600

Prepared By: Saghari, Hossain
Description: 0.8 ppm Cyanide
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: WetChem
BatchNumber: B-5280
Concentration: 0.8 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61586	10 ppm	20 ml	10 ppm	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61601

Prepared By: Saghari, Hossain
Description: 0.4 ppm Cyanide
Prep Date: 2/27/2009
Expiration Date: 2/27/2009

Department: WetChem
BatchNumber: B-5280
Concentration: 0.4 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61586	10 ppm	10 ml	10 ppm	

Veritech Lot Number: V-61602

Prepared By: Saghari, Hossain
Description: 0.01 ppm Cyanide
Prep Date: 2/27/2009
Expiration Date: 2/27/2009

Department: WetChem
BatchNumber: B-5280
Concentration: 0.01 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61586	10 ppm	.25 ml	10 ppm	

Veritech Lot Number: V-61603

Prepared By: Saghari, Hossain
Description: 0.4 ppm Cyanide CCV
Prep Date: 2/27/2009
Expiration Date: 2/27/2009

Department: WetChem
BatchNumber: B-5280
Concentration: 0.4 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61586	10 ppm	10 ml	10 ppm	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1016

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	na	na	02/28/05		Smith, Greg	1	0		

Veritech Control/Receipt Number: 3573

Description
Sulfamic Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A295-500	076646A	09/03/08	09/02/11	Miller,Gael E.	1	500g	neat	neat

Veritech Control/Receipt Number: 3584

Description
Magnesium Chloride Hexahydrate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	M35-212	080079	09/04/08	09/03/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Control/Receipt Number: 3719

Description
Sodiun hydroxide

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	S318-10	083471	11/10/08	11/09/10	Lopez, Jose	1	10kg	neat	neat

Veritech Control/Receipt Number: 3748

Description
Sulfuric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A510SK-212	3108030	11/18/08	08/25/09	Saghari, Hossain	1			

Veritech Control/Receipt Number: 3843

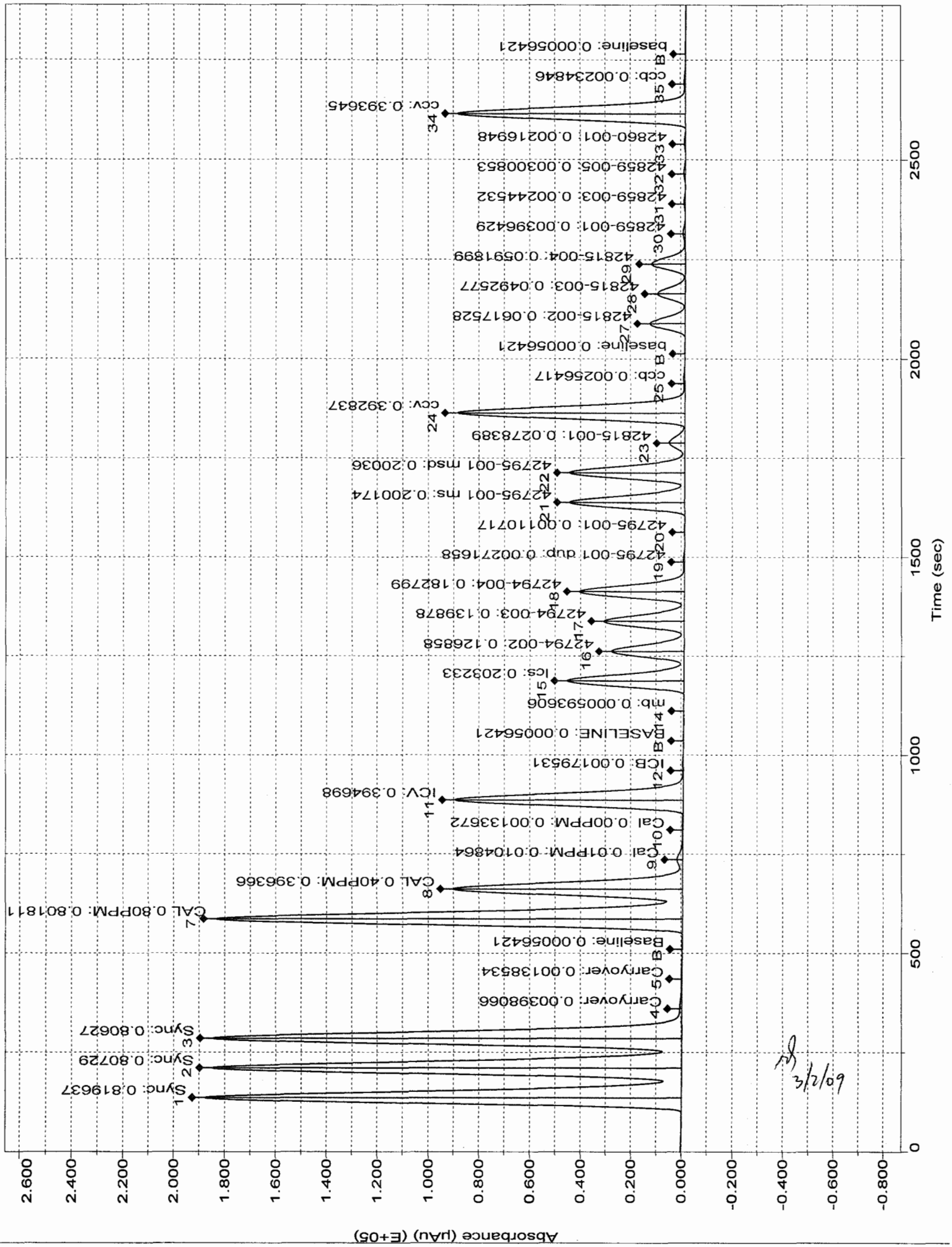
Description
1000 ppm Cyanide

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
LabChem	LC13545-2	8351-19	01/13/09	06/22/09	Smith, Greg	1	1000	1000	ppm

Veritech Control/Receipt Number: 3853

Description
Sodium Hydroxide

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S318-10	083471	01/21/09	01/20/11	Quimby, Richard	2	10KG	neat	neat


Channel 6: POST-DISTILLATION CYANIDE
Absorbance (µAu) (E+05)
Time (sec)
2.600
2.400
2.200
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
-0.200
-0.400
-0.600
-0.800
0
500
1000
1500
2000
2500
1 Sync: 0.819637
2 Sync: 0.80729
3 Sync: 0.806227
4C Carryover: 0.00398066
5C Carryover: 0.0013853 4
B Baseline: 0.00056421
7 CAL 0.80PPM: 0.801811
8 CAL 0.40PPM: 0.396366
9 Cal 0.01PPM: 0.0104864
10 Cal 0.00PPM: 0.0013367 2
11 ICV: 0.394698
12 ICB: 0.00179531
B BASELINE: 0.00056421
14 mb: 0.00059360 6
15 lcs: 0.203233
16 42794-002: 0.126858
17 42794-003: 0.139878
18 42794-004: 0.182799
19 42795-001 dup: 0.00271658
20 42795-001: 0.00110717
21 42795-001 ms: 0.200174
22 42795-001 msd: 0.20036
23 42815-001: 0.0278389
24 ccv: 0.392837
25 ccb: 0.00256417
B Baseline: 0.00056421
27 42815-002: 0.0617528
28 42815-003: 0.0492577
29 42815-004: 0.0591899
30 42859-001: 0.0039642 9
31 42859-003: 0.0024453 2
32 42859-005: 0.0030085 3
33 42860-001: 0.0021694 8
34 ccv: 0.393645
35 ccb: 0.00234846
B Baseline: 0.00056421
3/2/09

Peak Table:POST-DISTILLATION CYANIDE

File name: C:\FLOW_4\2-25A-09.RST
Date: 25-Feb-09
Operator: hs

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)
1	101	Sync	1	SYNC	1	1	188047	0.819637
2	101	Sync	2	SYNC	1	1	185212	0.807290
3	101	Sync	3	SYNC	1	1	184978	0.806270
4	901	Carryover	1	CO	1	1	784	0.003981
5	901	Carryover	2	CO	1	1	189	0.001385
B	902	Baseline	1	RB	1	1	0	0.000564
7	101	CAL 0.80PPM	1	C	1	1	183954	0.801811
8	102	CAL 0.40PPM	1	C	1	1	90870	0.396366
9	103	Cal 0.01PPM	1	C	1	1	2278	0.010486
10	104	Cal 0.00PPM	1	C	1	1	177	0.001337
11	105	ICV	1	U	1	1	90487	0.394698
12	901	ICB	1	U	1	1	283	0.001795
B	902	BASELINE	1	RB	1	1	0	0.000564
14	106	mb	1	U	1	1	7	0.000594
15	107	lcs	1	U	1	1	46530	0.203233
16	108	42794-002	1	U	1	1	28995	0.126858
17	109	42794-003	1	U	1	1	31984	0.139878
18	110	42794-004	1	U	1	1	41838	0.182799
19	111	42795-001 dup	1	U	1	1	494	0.002717
20	112	42795-001	1	U	1	1	125	0.001107
21	113	42795-001 ms	1	U	1	1	45827	0.200174
22	114	42795-001 msd	1	U	1	1	45870	0.200360
23	115	42815-001	1	U	1	1	6262	0.027839
24	116	ccv	1	CCV	1	1	90060	0.392837
25	901	ccb	1	U	1	1	459	0.002564
B	902	baseline	1	RB	1	1	0	0.000564
27	117	42815-002	1	U	1	1	14048	0.061753
28	118	42815-003	1	U	1	1	11179	0.049258
29	119	42815-004	1	U	1	1	13460	0.059190
30	120	42859-001	1	U	1	1	781	0.003964
31	121	42859-003	1	U	1	1	432	0.002445
32	122	42859-005	1	U	1	1	561	0.003009
33	123	42860-001	1	U	1	1	369	0.002169
34	124	ccv	1	CCV	1	1	90245	0.393645
35	901	ccb	1	U	1	1	410	0.002348
B	902	baseline	1	RB	1	1	0	0.000564

Peak Table:POST-DISTILLATION CYANIDE

File name: C:\FLOW_4\2-25A-09.RST
Date: 25-Feb-09
Operator: hs

Peak	Cup	Flags
1	101	
2	101	
3	101	
4	901	
5	901	
B	902	BL
7	101	
8	102	
9	103	
10	104	
11	105	
12	901	
B	902	BL
14	106	
15	107	
16	108	
17	109	
18	110	
19	111	
20	112	

3/2/09

Peak	Cup	Flags
21	113	
22	114	
23	115	
24	116	
25	901	
B	902	BL
27	117	
28	118	
29	119	
30	120	
31	121	
32	122	
33	123	
34	124	
35	901	
B	902	BL

JJB 3/2/09

POST-DISTILLATION CYANIDE:Calibration 1: Peak 7-36

File name: C:\FLOW_4\2-25A-09.RST
Date: 25-Feb-09
Operator: hs

*	Name	Conc	Height
*	CAL 0.80PPM	0.800000	183954.015625
*	CAL 0.40PPM	0.400000	90870.070312
*	Cal 0.01PPM	0.010000	2277.974854
*	Cal 0.00PPM	0.000000	177.355530

√- 61515
61516
61517
61518-CCV

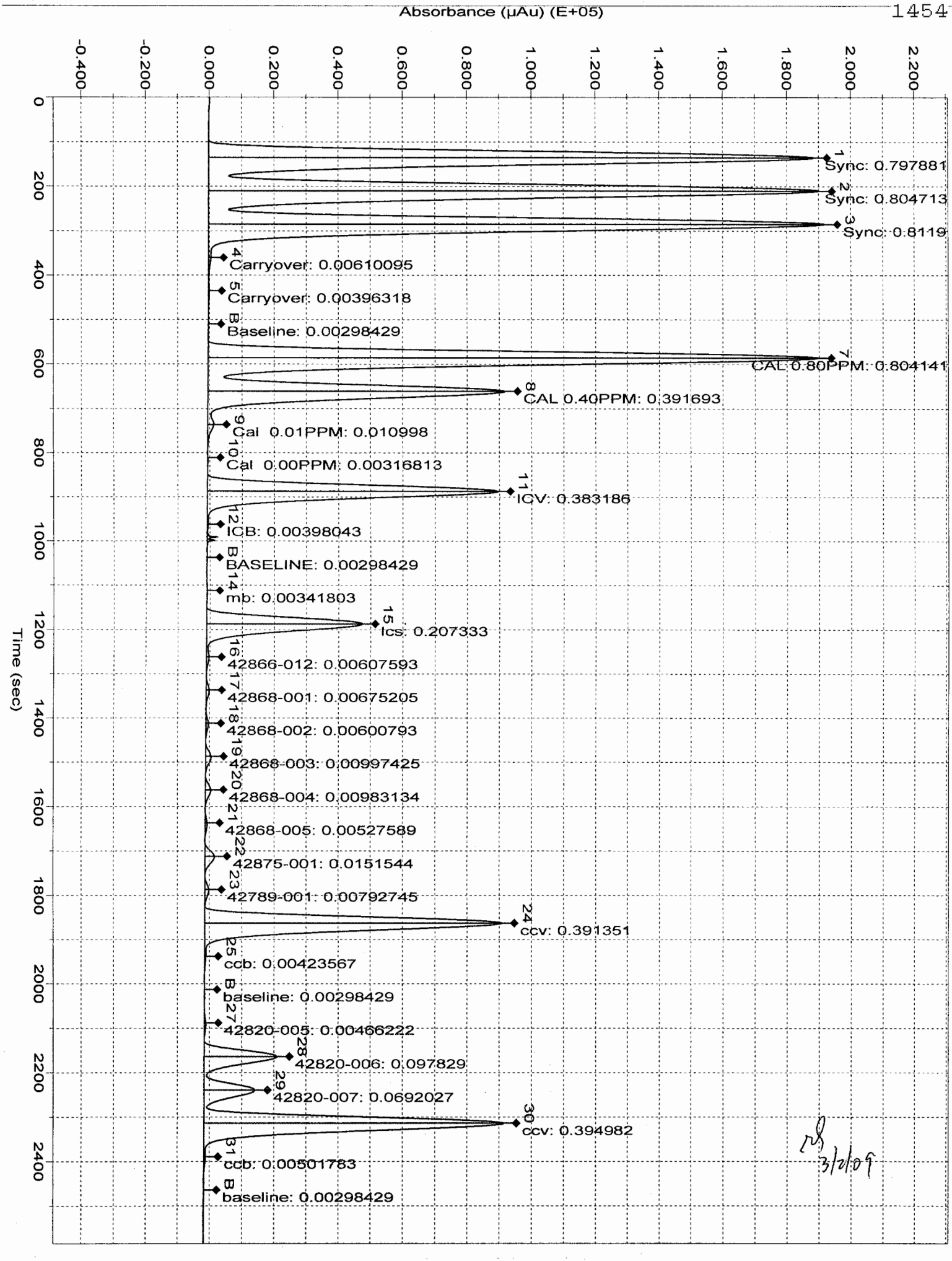
Calib Coef:
y=bx+a
a: (intercept) -1.2953e+02
b: 2.2958e+05

Corr Coef: 0.999979

Carryover: n/a

No Drift Peaks

3/2/09


Absorbance (µAu) (E+05)
-0.400
-0.200
0.000
0.200
0.400
0.600
0.800
1.000
1.200
1.400
1.600
1.800
2.000
2.200
Time (sec)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
1 Sync: 0.797881
2 Sync: 0.804713
3 Sync: 0.8119
4 Carryover: 0.00610095
5 Carryover: 0.00396318
B Baseline: 0.00298429
7 CAL 0.80PPM: 0.804141
8 CAL 0.40PPM: 0.391693
9 Cal 0.01PPM: 0.010998
10 Cal 0.00PPM: 0.00316813
11 ICV: 0.383186
12 ICB: 0.00398043
B BASELINE: 0.00298429
14 mb: 0.00341803
15 lcs: 0.207333
16 42866-012: 0.00607593
17 42868-001: 0.00675205
18 42868-002: 0.00600793
19 42868-003: 0.00997425
20 42868-004: 0.00983134
21 42868-005: 0.00527589
22 42875-001: 0.0151544
23 42789-001: 0.00792745
24 ccv: 0.391351
25 ccb: 0.00423567
B baseline: 0.00298429
27 42820-005: 0.00466222
28 42820-006: 0.097829
29 42820-007: 0.0692027
30 ccv: 0.394982
31 ccb: 0.00501783
B baseline: 0.00298429
Channel 6: POST-DISTILLATION CYANIDE
3/2/09

Peak Table:POST-DISTILLATION CYANIDE

File name: C:\FLOW_4\2-27-09.RST
Date: 27-Feb-09
Operator: hs

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)
1	101	Sync	1	SYNC	1	1	188838	0.797881
2	101	Sync	2	SYNC	1	1	190461	0.804713
3	101	Sync	3	SYNC	1	1	192168	0.811900
4	901	Carryover	1	CO	1	1	740	0.006101
5	901	Carryover	2	CO	1	1	233	0.003963
B	902	Baseline	1	RB	1	1	0	0.002984
7	101	CAL 0.80PPM	1	C	1	1	190325	0.804141
8	102	CAL 0.40PPM	1	C	1	1	92343	0.391693
9	103	Cal 0.01PPM	1	C	1	1	1904	0.010998
10	104	Cal 0.00PPM	1	C	1	1	44	0.003168
11	105	ICV	1	U	1	1	90322	0.383186
12	901	ICB	1	U	1	1	237	0.003980
B	902	BASELINE	1	RB	1	1	0	0.002984
14	106	mb	1	U	1	1	103	0.003418
15	107	lcs	1	U	1	1	48546	0.207333
16	108	42866-012	1	U	1	1	734	0.006076
17	109	42868-001	1	U	1	1	895	0.006752
18	110	42868-002	1	U	1	1	718	0.006008
19	111	42868-003	1	U	1	1	1661	0.009974
20	112	42868-004	1	U	1	1	1627	0.009831
21	113	42868-005	1	U	1	1	544	0.005276
22	114	42875-001	1	U	1	1	2891	0.015154
23	115	42789-001	1	U	1	1	1174	0.007927
24	116	ccv	1	CCV	1	1	92261	0.391351
25	901	ccb	1	U	1	1	297	0.004236
B	902	baseline	1	RB	1	1	0	0.002984
27	117	42820-005	1	U	1	1	399	0.004662
28	118	42820-006	1	U	1	1	22532	0.097829
29	119	42820-007	1	U	1	1	15731	0.069203
30	120	ccv	1	CCV	1	1	93124	0.394982
31	901	ccb	1	U	1	1	483	0.005018
B	902	baseline	1	RB	1	1	0	0.002984

Peak Table:POST-DISTILLATION CYANIDE

File name: C:\FLOW_4\2-27-09.RST
Date: 27-Feb-09
Operator: hs

Peak	Cup	Flags
1	101	
2	101	
3	101	
4	901	
5	901	
B	902	BL
7	101	
8	102	
9	103	
10	104	
11	105	
12	901	
B	902	BL
14	106	
15	107	
16	108	
17	109	
18	110	
19	111	
20	112	
21	113	
22	114	
23	115	
24	116	

3/1/09
HS

Peak	Cup	Flags
25	901	
B	902	BL
27	117	
28	118	
29	119	
30	120	
31	901	
B	902	BL

3/1/09

HS

POST-DISTILLATION CYANIDE:Calibration 1: Peak 7-32

File name: C:\FLOW_4\2-27-09.RST
Date: 27-Feb-09
Operator: hs

*	Name	Conc	Height
*	CAL 0.80PPM	0.800000	190324.843750
*	CAL 0.40PPM	0.400000	92342.515625
*	Cal 0.01PPM	0.010000	1903.764282
*	Cal 0.00PPM	0.000000	43.673828

V-61600
V-61601
V-61602
ccv-61603

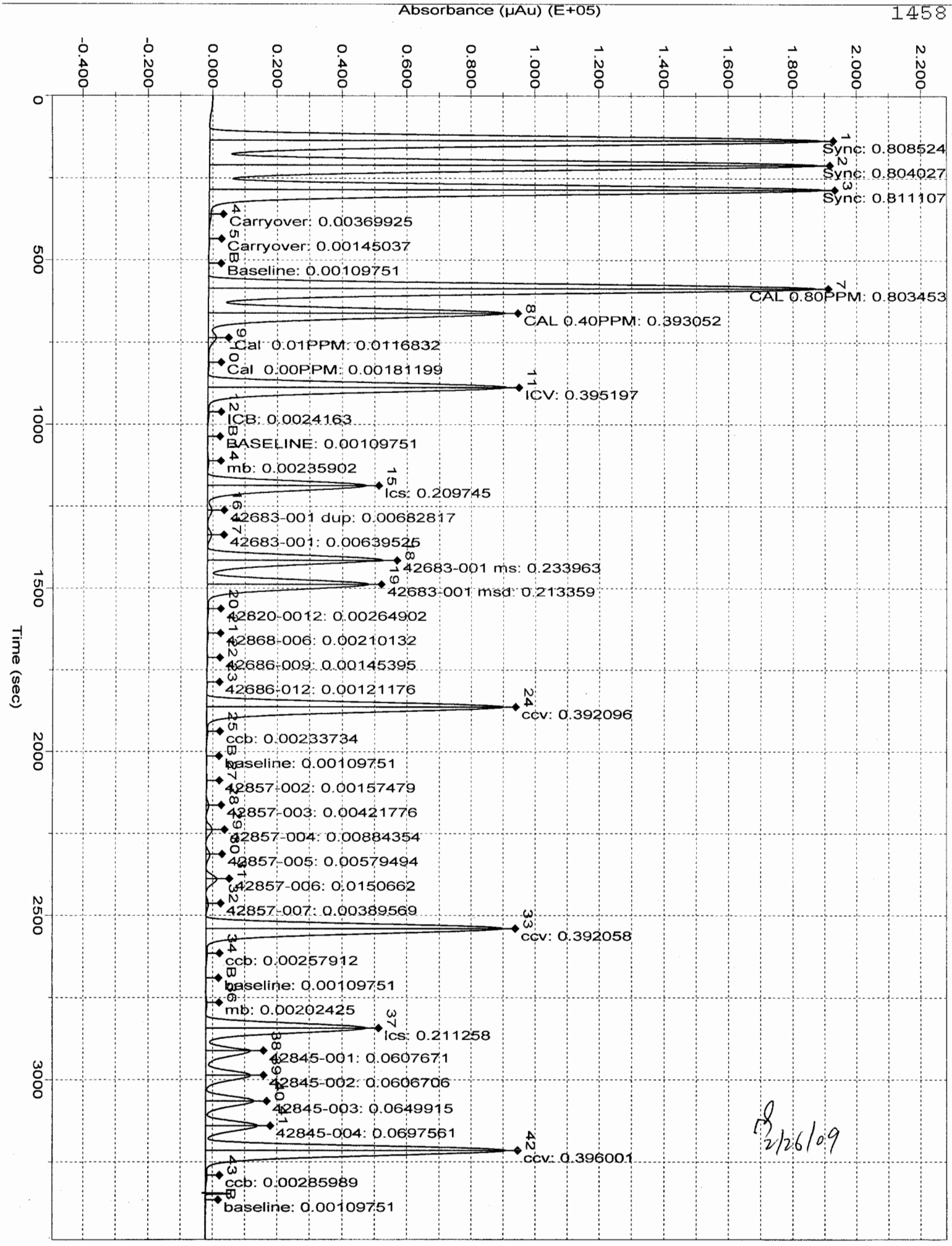
Calib Coef:
y=bx+a
a: (intercept) -7.0896e+02
b: 2.3756e+05

Corr Coef: 0.999888

Carryover: n/a

No Drift Peaks

3/1/09
HS


Absorbance (µAu) (E+05)
-0.400
-0.200
0.000
0.200
0.400
0.600
0.800
1.000
1.200
1.400
1.600
1.800
2.000
2.200
Time (sec)
0
500
1000
1500
2000
2500
3000
1 Sync: 0.808524
2 Sync: 0.804027
3 Sync: 0.811107
4 Carryover: 0.00369925
5 Carryover: 0.00145037
CB Baseline: 0.00109751
7 CAL 0.80PPM: 0.803453
8 CAL 0.40PPM: 0.393052
9 Cal 0.01PPM: 0.0116832
10 Cal 0.00PPM: 0.00181199
11 ICV: 0.395197
12 CB: 0.0024163
CB BASELINE: 0.00109751
14 mb: 0.00235902
15 lcs: 0.209745
16 42683-001 dup: 0.00682817
17 42683-001: 0.00639525
18 42683-001 ms: 0.233963
19 42683-001 msd: 0.213359
20 42820-0012: 0.00264902
21 42868-006: 0.00210132
22 42686-009: 0.00145395
23 42686-012: 0.00121176
24 ccv: 0.392096
25 ccb: 0.00233734
CB baseline: 0.00109751
27 42857-002: 0.00157479
28 42857-003: 0.00421776
29 42857-004: 0.00884354
30 42857-005: 0.00579494
31 42857-006: 0.0150662
32 42857-007: 0.00389569
33 ccv: 0.392058
34 ccb: 0.00257912
CB baseline: 0.00109751
36 mb: 0.00202425
37 lcs: 0.211258
38 42845-001: 0.0607671
39 42845-002: 0.0606706
40 42845-003: 0.0649915
41 42845-004: 0.0697561
42 ccv: 0.396001
43 ccb: 0.00285989
CB baseline: 0.00109751
Channel 6: POST-DISTILLATION CYANIDE

2/26/09

Peak Table:POST-DISTILLATION CYANIDE

File name: C:\FLOW_4\2-24C-09.RST
Date: 24-Feb-09
Operator: hs

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)
1	101	Sync	1	SYNC	1	1	189819	0.808524
2	101	Sync	2	SYNC	1	1	188762	0.804027
3	101	Sync	3	SYNC	1	1	190426	0.811107
4	901	Carryover	1	CO	1	1	612	0.003699
5	901	Carryover	2	CO	1	1	83	0.001450
B	902	Baseline	1	RB	1	1	0	0.001098
7	101	CAL 0.80PPM	1	C	1	1	188627	0.803453
8	102	CAL 0.40PPM	1	C	1	1	92145	0.393052
9	103	Cal 0.01PPM	1	C	1	1	2489	0.011683
10	104	Cal 0.00PPM	1	C	1	1	168	0.001812
11	105	ICV	1	U	1	1	92649	0.395197
12	901	ICB	1	U	1	1	310	0.002416
B	902	BASELINE	1	RB	1	1	0	0.001098
14	106	mb	1	U	1	1	297	0.002359
15	107	lcs	1	U	1	1	49051	0.209745
16	108	42683-001 dup	1	U	1	1	1347	0.006828
17	109	42683-001	1	U	1	1	1245	0.006395
18	110	42683-001 ms	1	U	1	1	54745	0.233963
19	111	42683-001 msd	1	U	1	1	49901	0.213359
20	112	42820-0012	1	U	1	1	365	0.002649
21	113	42868-006	1	U	1	1	236	0.002101
22	114	42686-009	1	U	1	1	84	0.001454
23	115	42686-012	1	U	1	1	27	0.001212
24	116	ccv	1	CCV	1	1	91920	0.392096
25	901	ccb	1	U	1	1	291	0.002337
B	902	baseline	1	RB	1	1	0	0.001098
27	117	42857-002	1	U	1	1	112	0.001575
28	118	42857-003	1	U	1	1	734	0.004218
29	119	42857-004	1	U	1	1	1821	0.008844
30	120	42857-005	1	U	1	1	1104	0.005795
31	121	42857-006	1	U	1	1	3284	0.015066
32	122	42857-007	1	U	1	1	658	0.003896
33	123	ccv	1	CCV	1	1	91911	0.392058
34	901	ccb	1	U	1	1	348	0.002579
B	902	baseline	1	RB	1	1	0	0.001098
36	124	mb	1	U	1	1	218	0.002024
37	125	lcs	1	U	1	1	49407	0.211258
38	126	42845-001	1	U	1	1	14028	0.060767
39	127	42845-002	1	U	1	1	14005	0.060671
40	128	42845-003	1	U	1	1	15021	0.064991
41	129	42845-004	1	U	1	1	16141	0.069756
42	130	ccv	1	CCV	1	1	92838	0.396001
43	901	ccb	1	U	1	1	414	0.002860
B	902	baseline	1	RB	1	1	0	0.001098

Peak Table:POST-DISTILLATION CYANIDE

File name: C:\FLOW_4\2-24C-09.RST
Date: 24-Feb-09
Operator: hs

2/25/09
HS

Peak	Cup	Flags
1	101	
2	101	
3	101	
4	901	
5	901	
B	902	BL
7	101	
8	102	
9	103	
10	104	
11	105	
12	901	

Peak	Cup	Flags
B	902	BL
14	106	
15	107	
16	108	
17	109	
18	110	
19	111	
20	112	
21	113	
22	114	
23	115	
24	116	
25	901	
B	902	BL
27	117	
28	118	
29	119	
30	120	
31	121	
32	122	
33	123	
34	901	
B	902	BL
36	124	
37	125	
38	126	
39	127	
40	128	
41	129	
42	130	
43	901	
B	902	BL

2/25/09
#s

POST-DISTILLATION CYANIDE:Calibration 1: Peak 7-44

File name: C:\FLOW_4\2-24C-09.RST
Date: 24-Feb-09
Operator: hs

*	Name	Conc	Height	
*	CAL 0.80PPM	0.800000	188626.687500	V-61428
*	CAL 0.40PPM	0.400000	92144.968750	V-61429
*	Cal 0.01PPM	0.010000	2488.591797	V-61430
*	Cal 0.00PPM	0.000000	167.966553	cc✓-61431

Calib Coef:
y=bx+a
a: (intercept) -2.5802e+02
b: 2.3509e+05

Corr Coef: 0.999924

Carryover: n/a

No Drift Peaks

2/25/09
HS

Wet Chemistry Data
Preparation and Distillation Logbook Data

veritech

CYANIDE DISTILLATION DATA SHEET (AQUEOUS SAMPLES ONLY)

Method: 335.4 ____ SM4500 ____ 9010 ____ 9012B ____ 9014 ____

Total CN ____ **Amenable CN** ____

Batch No. 38 Reviewed by: [signature] Date: 2/26/09

	Sample Vol (ml)	Scrubber Vol (ml)
Method Blank	50	50
Method Blank		
Method Blank		
Method Blank		

	Sample Vol (ml)	Scrubber Vol (ml)	Date	Distilled By
Method Blank Spike	50	50	2/24/09	HS
Method Blank Spike				
Method Blank Spike				
Method Blank Spike				

Laboratory Sample No.	Sampl Vol (ml)	Scrub Vol (mL)	Date	Dist By	Sulfide Check
Matrix Spike 42683-1	50	50	2/24/09	HS	✓
Matrix Spike Dup 42683-1					
Sample Dup 42683-1					
1. 42683-1					
2. 42820-12					
3. 42868-6					
4. 42868-9					
5. 12					
6. 42857-2					
7. 3					
8. 4					
9. 5					
10. 6					

Laboratory Sample No.	Sample Vol (mL)	Scrub Vol (mL)	Date	Dist By	Sulfide Check
11. 42857-7	50	50	2/24/09	HS	✓
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					

Spike Volume 1.0 ml & Lot #
V- 61406
V-
V-
V-

Reagent	Lot #:
0.25N NaOH	V- 61283
0.25N NaOH	V-
0.25N NaOH	V-
0.25N NaOH	V-

Reagent	Lot #:
Bismuth Nitrate	V-
Bismuth Nitrate	V-
Bismuth Nitrate	V-
Bismuth Nitrate	V-

Reagent	Lot #:
1:1 H_2SO_4	V- 61471
1:1 H_2SO_4	V-
1:1 H_2SO_4	V-
1:1 H_2SO_4	V-

Reagent	Lot #:
$MgCl_2$	V- 61300
$MgCl_2$	V-
$MgCl_2$	V-
$MgCl_2$	V-

Reagent	Lot #:
Sulfamic Acid	V- 60992
Sulfamic Acid	V-
Sulfamic Acid	V-
Sulfamic Acid	V-

Hampton-Clarke/Veritech

CYANIDE DISTILLATION DATA SHEET (SOIL SAMPLES ONLY)

HS 2/25 **Method:** 9010B_____ 9012A_____ 9013_____

Total CN_____ **Amenable CN**_____

BATCH No. 6687 Reviewed by: [signature] Date: 3/2/09

	Sample Wt. (g)	Initial Vol (ml)	Final Vol (ml)
Method Blank	2.0	50	50
Method Blank	2.0	50	50
Method Blank			
Method Blank			

	Sample Wt. (g)	Initial Vol (ml)	Final Vol (ml)	Date	Distilled By
LCS	2.0	50	50	2/25/09	HS
LCS	2.0	50	50	2/27/09	HS
LCS					
LCS					

Laboratory Sample No.	Sample Wt (g)	Initial Vol (mL)	Final Vol (mL)	Date	Dist By	Sulfide check
Matrix Spike 42795-1	2.0	50	50	2/25/09	HS	✓
Matrix Spike Dup 42795-1						
Sample Dup 42795-1						
1. 42794-2						
2. 3						
3. 4						
4. 42795-1						
5. 42815-1						
6. 2						
7. 3						
8. 4						
9. 42859-1						
10. 3						

Laboratory Sample No.	Sample Wt (g)	Initial Vol (mL)	Final Vol (mL)	Date	Dist By	Sulfide check
11. 42859-5	2.0	50	50	2/25/09	HS	✓
12. 42860-1						
13. 42866-12	2.0	50	50	2/27/09	HS	✓
14. 42868-1						
15. 2						
16. 3						
17. 4						
18. 5						
19. 42875-1						
20. 42789-1						

Spike Volume 1.0 ml & Lot #
V- 61514
V- 61586
V-
V-

Reagent	Lot #:
0.25N NaOH	V- 61405
0.25N NaOH	V- 61520
0.25N NaOH	V-
0.25N NaOH	V-

Reagent	Lot #:
Bismuth Nitrate	V-
Bismuth Nitrate	V-
Bismuth Nitrate	V-
Bismuth Nitrate	V-

Reagent	Lot #:
1:1 H_2SO_4	V- 61471
1:1 H_2SO_4	V- 61471
1:1 H_2SO_4	V-
1:1 H_2SO_4	V-

Reagent	Lot #:
$MgCl_2$	V- 61300
$MgCl_2$	V- 61558
$MgCl_2$	V-
$MgCl_2$	V-

Reagent	Lot #:
Sulfamic Acid	V- 60992
Sulfamic Acid	V- 60992
Sulfamic Acid	V-
Sulfamic Acid	V-

HC·V
HAMPTONCLARKE·VERITECH

175 ROUTE 46 WEST, UNIT D · FAIRFIELD, NJ 07004
198 ROUTE 46 EAST, FAIRFIELD, NJ 07004
800-426-9992 · 973-244-9770
FAX: 973-244-9787

WWW.HCVLAB.COM

Project: EJ0810744.001

Client PO: Not Available

Report To: Whitestone Associates
35 Technology Drive
Warren, NJ 07059

Attn: K.T.

Received Date: 2/25/2009

Report Date: 3/17/2009

Deliverables: NYDOH-CatB

Lab ID: AC42940

Lab Project No: 9022527

This report is a true report of results obtained from our tests of this material. All results meet the requirements of the NELAC standards. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Jeri Rossi

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

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

ACCREDITED IN ACCORDANCE WITH nelac

HC·V
HAMPTONCLARKE·VERITECH

TABLE OF CONTENTS

HC·V LABORATORY RESULTS	PAGE NOS.
SDG Narrative	1-3
Reporting Limit Definitions	4-5
Data Package Summary Forms	6-98
Chain of Custody Forms	99-108
GC/MS Volatiles Data	109-406
GC/MS Semivolatiles Data	407-667
GC PCB Data	668-774
GC Pesticide Data	775-947
Inorganic Data	948-1110
Wet Chemical Data	1111-1125

SDG Narrative

HC·V
HAMPTONCLARKE·VERITECH

SDG Narrative

Client: Whitestone Associates
Project: EJ0810744.001

Hampton-Clarke/Veritech (HC·V) received the following samples on February 25, 2009:

Client ID	HCV Sample ID	Matrix	Analysis
MW-1 U	AC42940-001	Aqueous	VO+10 (624), BNA+25 (625), PCB (608), Pesticides (608), Metals (200.7/245.1), Cyanide (9012B)
MW-1 F	AC42940-002	Aqueous	Metals (200.7/245.1)
MW-2 U	AC42940-003	Aqueous	VO+10 (624), BNA+25 (625), PCB (608), Pesticides (608), Metals (200.7/245.1), Cyanide (9012B)
MW-2 F	AC42940-004	Aqueous	Metals (200.7/245.1)
MW-3 U	AC42940-005	Aqueous	VO+10 (624), BNA+25 (625), PCB (608), Pesticides (608), Metals (200.7/245.1), Cyanide (9012B)
MW-3 F	AC42940-006	Aqueous	Metals (200.7/245.1)
MW-4 U	AC42940-007	Aqueous	VO+10 (624), BNA+25 (625), PCB (608), Pesticides (608), Metals (200.7/245.1), Cyanide (9012B)
MW-4 F	AC42940-008	Aqueous	Metals (200.7/245.1)
MW-5 U	AC42940-009	Aqueous	VO+10 (624), BNA+25 (625), PCB (608), Pesticides (608), Metals (200.7/245.1), Cyanide (9012B)
MW-5 F	AC42940-010	Aqueous	Metals (200.7/245.1)
MW-6 U	AC42940-011	Aqueous	VO+10 (624), BNA+25 (625), PCB (608), Pesticides (608), Metals (200.7/245.1), Cyanide (9012B)
MW-16 F	AC42940-012	Aqueous	Metals (200.7/245.1)
MW-7 U	AC42940-013	Aqueous	VO+10 (624), BNA+25 (625), PCB (608), Pesticides (608), Metals (200.7/245.1), Cyanide (9012B)
MW-7 F	AC42940-014	Aqueous	Metals (200.7/245.1)
DUP-A U	AC42940-015	Aqueous	Pesticides (608)
DUP-A F	AC42940-016	Aqueous	Not activated
DUP-B U	AC42940-017	Aqueous	Not activated
DUP-B F	AC42940-018	Aqueous	Not activated
DUP-C U	AC42940-019	Aqueous	Not activated
DUP-C F	AC42940-020	Aqueous	Not activated
DUP-D U	AC42940-021	Aqueous	Not activated
DUP-D F	AC42940-022	Aqueous	Not activated
DUP-E U	AC42940-023	Aqueous	VO+10 (624)
DUP-E F	AC42940-024	Aqueous	Not activated
DUP-F U	AC42940-025	Aqueous	Not activated
DUP-F F	AC42940-026	Aqueous	Not activated
DUP-G U	AC42940-027	Aqueous	Not activated
DUP-G F	AC42940-028	Aqueous	Not activated
FB-U	AC42940-029	Aqueous	VO+10 (624), BNA+25 (625), PCB (608), Pesticides (608), Metals (200.7/245.1), Cyanide (9012B)
FB-F	AC42940-030	Aqueous	Metals (200.7/245.1)
TB	AC42940-031	Aqueous	VO+10 (624)

Volatile Organic Analysis:

The recovery of Trichlorofluoromethane is biased high, outside QC limits in the Matrix Spike in batch 11412. All QC criteria were met in the Laboratory Control Sample (MBS).

The MS/MSD RPD of Vinyl Chloride, Bromomethane, 1,1,1-Trichloroethane, Carbon Tetrachloride, Dibromochloromethane, trans-1,3-Dichloropropene is outside QC limits in batch 11412.

Base Neutral Acid Extractable Analysis:

Data conforms to method requirements.

PCB Analysis:

Data conforms to method requirements.

Pesticide Analysis:

The concentration of Dieldrin in sample AC42940-015 differs by more than 40% between columns. Lower concentration is reported.

Metals Analysis:

The serial dilution for Zinc is outside QC limits in batch 9998, suggesting matrix interference.

Samples AC42940-002, 004, 006, 008, 010, 012, 014 and 030 were filtered and preserved in the laboratory per clients request.

Wet Chemistry Analysis:

Data conforms to method requirements.

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

Jeri Rossi
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

3/18/09
Date

Reporting Limit Definitions

HC·V
HAMPTONCLARKE·VERITECH

REPORTING LIMIT DEFINITIONS

RL = Reporting Limit

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

CRQL= Contract Required Quantitation Limit

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

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

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

CLP Organics and Inorganics reported to CRQL.

Data Package Summary Forms

Veritech Report Of Analysis

Lab#: AC42940-001 **Collection Date: 2/24/2009**
Sample ID: MW-1 U

TestGroup/Analyte	DF	Units	RL	Result
Cyanide (Water) 9012				
Cyanide	1	mg/l	0.01	ND
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.27	ND
PCB 608				
Aroclor (Total)	1	ug/l	0.27	ND
Aroclor-1016	1	ug/l	0.27	ND
Aroclor-1221	1	ug/l	0.27	ND
Aroclor-1232	1	ug/l	0.27	ND
Aroclor-1242	1	ug/l	0.27	ND
Aroclor-1248	1	ug/l	0.27	ND
Aroclor-1254	1	ug/l	0.27	ND
Aroclor-1260	1	ug/l	0.27	ND
Aroclor-1262	1	ug/l	0.27	ND
Aroclor-1268	1	ug/l	0.27	ND

Lab#: AC42940-001 **Collection Date: 2/24/2009**
Sample ID: MW-1 U

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**95J**
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	11	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC42940-001 **Collection Date: 2/24/2009**
Sample ID: MW-1 U

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**130**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**120000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	**0.5**	**ug/l**	**150**	**2600**
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**36000**
Manganese	**0.5**	**ug/l**	**25**	**560**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**7500**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**260000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-001 **Collection Date: 2/24/2009**
Sample ID: MW-1 U

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	**1**	**ug/l**	**1.0**	**1.4**
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42940-002 **Collection Date: 2/24/2009**
Sample ID: MW-1 F

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**110**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**120000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	0.5	ug/l	150	ND
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**36000**
Manganese	**0.5**	**ug/l**	**25**	**550**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**7500**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**260000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-003 **Collection Date: 2/24/2009**
Sample ID: MW-2 U

TestGroup/Analyte	DF	Units	RL	Result
Cyanide (Water) 9012				
Cyanide	1	mg/l	0.01	ND
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.27	ND
PCB 608				
Aroclor (Total)	1	ug/l	0.27	ND
Aroclor-1016	1	ug/l	0.27	ND
Aroclor-1221	1	ug/l	0.27	ND
Aroclor-1232	1	ug/l	0.27	ND
Aroclor-1242	1	ug/l	0.27	ND
Aroclor-1248	1	ug/l	0.27	ND
Aroclor-1254	1	ug/l	0.27	ND
Aroclor-1260	1	ug/l	0.27	ND
Aroclor-1262	1	ug/l	0.27	ND
Aroclor-1268	1	ug/l	0.27	ND

Lab#: AC42940-003 **Collection Date: 2/24/2009**
Sample ID: MW-2 U

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	1	ug/l	NA	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	11	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC42940-003 **Collection Date: 2/24/2009**
Sample ID: MW-2 U

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 200.7/8				
Aluminum	**0.5**	**ug/l**	**100**	**540**
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**210**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**98000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	**0.5**	**ug/l**	**150**	**1200**
Lead	**0.5**	**ug/l**	**5.0**	**14**
Magnesium	**0.5**	**ug/l**	**1000**	**33000**
Manganese	**0.5**	**ug/l**	**25**	**210**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**12000**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**230000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-003 **Collection Date: 2/24/2009**
Sample ID: MW-2 U

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	**1**	**ug/l**	**1.0**	**3.0**
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	**1**	**ug/l**	**1.0**	**2.4**
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	**1**	**ug/l**	**1.0**	**1.2**
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42940-004 **Collection Date: 2/24/2009**
Sample ID: MW-2 F

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**200**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**100000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	0.5	ug/l	150	ND
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**33000**
Manganese	**0.5**	**ug/l**	**25**	**170**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**12000**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**230000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-005 **Collection Date: 2/24/2009**
Sample ID: MW-3 U

TestGroup/Analyte	DF	Units	RL	Result
Cyanide (Water) 9012				
Cyanide	1	mg/l	0.01	ND
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.27	ND
PCB 608				
Aroclor (Total)	1	ug/l	0.27	ND
Aroclor-1016	1	ug/l	0.27	ND
Aroclor-1221	1	ug/l	0.27	ND
Aroclor-1232	1	ug/l	0.27	ND
Aroclor-1242	1	ug/l	0.27	ND
Aroclor-1248	1	ug/l	0.27	ND
Aroclor-1254	1	ug/l	0.27	ND
Aroclor-1260	1	ug/l	0.27	ND
Aroclor-1262	1	ug/l	0.27	ND
Aroclor-1268	1	ug/l	0.27	ND

Lab#: AC42940-005 **Collection Date: 2/24/2009**
Sample ID: MW-3 U

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	1	ug/l	NA	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	11	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC42940-005 **Collection Date: 2/24/2009**
Sample ID: MW-3 U

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**130**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**120000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	**0.5**	**ug/l**	**150**	**770**
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**35000**
Manganese	**0.5**	**ug/l**	**25**	**480**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**7700**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**170000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-005 **Collection Date: 2/24/2009**
Sample ID: MW-3 U

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	**1**	**ug/l**	**NA**	**5.4J**
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	**1**	**ug/l**	**1.0**	**1.7**
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	**1**	**ug/l**	**1.0**	**5.3**
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	**1**	**ug/l**	**1.0**	**1.1**
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	**1**	**ug/l**	**1.0**	**1.5**
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42940-006 **Collection Date: 2/24/2009**
Sample ID: MW-3 F

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**120**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**120000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	0.5	ug/l	150	ND
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**35000**
Manganese	**0.5**	**ug/l**	**25**	**460**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**7800**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**170000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-007 **Collection Date: 2/24/2009**
Sample ID: MW-4 U

TestGroup/Analyte	DF	Units	RL	Result
Cyanide (Water) 9012				
Cyanide	1	mg/l	0.01	ND
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.010	ND
Alpha-BHC	1	ug/l	0.010	ND
beta-BHC	1	ug/l	0.010	ND
Chlordane	1	ug/l	0.10	ND
delta-BHC	1	ug/l	0.010	ND
Dieldrin	1	ug/l	0.010	ND
Endosulfan I	1	ug/l	0.010	ND
Endosulfan II	1	ug/l	0.010	ND
Endosulfan Sulfate	1	ug/l	0.010	ND
Endrin	1	ug/l	0.010	ND
Endrin Aldehyde	1	ug/l	0.010	ND
Endrin Ketone	1	ug/l	0.010	ND
gamma-BHC	1	ug/l	0.010	ND
Heptachlor	1	ug/l	0.010	ND
Heptachlor Epoxide	1	ug/l	0.010	ND
Methoxychlor	1	ug/l	0.010	ND
p,p'-DDD	1	ug/l	0.010	ND
p,p'-DDE	1	ug/l	0.010	ND
p,p'-DDT	1	ug/l	0.010	ND
Toxaphene	1	ug/l	0.25	ND
PCB 608				
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND
Aroclor-1262	1	ug/l	0.25	ND
Aroclor-1268	1	ug/l	0.25	ND

Lab#: AC42940-007 **Collection Date: 2/24/2009**
Sample ID: MW-4 U

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	**1**	**ug/l**	NA	**28J**
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	11	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC42940-007 **Collection Date: 2/24/2009**
Sample ID: MW-4 U

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**140**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**120000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	**0.5**	**ug/l**	**150**	**4500**
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**34000**
Manganese	**0.5**	**ug/l**	**25**	**480**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**7600**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**180000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-007 **Collection Date: 2/24/2009**
Sample ID: MW-4 U

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42940-008 **Collection Date: 2/24/2009**
Sample ID: MW-4 F

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**120**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**120000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	0.5	ug/l	150	ND
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**33000**
Manganese	**0.5**	**ug/l**	**25**	**490**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**7500**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**170000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-009 **Collection Date: 2/24/2009**
Sample ID: MW-5 U

TestGroup/Analyte	DF	Units	RL	Result
Cyanide (Water) 9012				
Cyanide	1	mg/l	0.01	ND
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.010	ND
Alpha-BHC	1	ug/l	0.010	ND
beta-BHC	1	ug/l	0.010	ND
Chlordane	1	ug/l	0.10	ND
delta-BHC	1	ug/l	0.010	ND
Dieldrin	1	ug/l	0.010	ND
Endosulfan I	1	ug/l	0.010	ND
Endosulfan II	1	ug/l	0.010	ND
Endosulfan Sulfate	1	ug/l	0.010	ND
Endrin	1	ug/l	0.010	ND
Endrin Aldehyde	1	ug/l	0.010	ND
Endrin Ketone	1	ug/l	0.010	ND
gamma-BHC	1	ug/l	0.010	ND
Heptachlor	1	ug/l	0.010	ND
Heptachlor Epoxide	1	ug/l	0.010	ND
Methoxychlor	1	ug/l	0.010	ND
p,p'-DDD	1	ug/l	0.010	ND
p,p'-DDE	1	ug/l	0.010	ND
p,p'-DDT	1	ug/l	0.010	ND
Toxaphene	1	ug/l	0.25	ND
PCB 608				
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND
Aroclor-1262	1	ug/l	0.25	ND
Aroclor-1268	1	ug/l	0.25	ND

Lab#: AC42940-009 **Collection Date: 2/24/2009**
Sample ID: MW-5 U

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	1	ug/l	NA	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	11	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC42940-009 **Collection Date: 2/24/2009**
Sample ID: MW-5 U

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 200.7/8				
Aluminum	**0.5**	**ug/l**	**100**	**620**
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**220**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**99000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	**0.5**	**ug/l**	**150**	**32000**
Lead	**0.5**	**ug/l**	**5.0**	**13**
Magnesium	**0.5**	**ug/l**	**1000**	**30000**
Manganese	**0.5**	**ug/l**	**25**	**2500**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**13000**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**150000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-009 **Collection Date: 2/24/2009**
Sample ID: MW-5 U

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42940-010 **Collection Date: 2/24/2009**
Sample ID: MW-5 F

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**140**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**98000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	**0.5**	**ug/l**	**150**	**5000**
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**30000**
Manganese	**0.5**	**ug/l**	**25**	**2400**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**13000**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**150000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-011 **Collection Date: 2/24/2009**
Sample ID: MW-6 U

TestGroup/Analyte	DF	Units	RL	Result
Cyanide (Water) 9012				
Cyanide	1	mg/l	0.01	ND
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.010	ND
Alpha-BHC	1	ug/l	0.010	ND
beta-BHC	1	ug/l	0.010	ND
Chlordane	1	ug/l	0.10	ND
delta-BHC	1	ug/l	0.010	ND
Dieldrin	1	ug/l	0.010	ND
Endosulfan I	1	ug/l	0.010	ND
Endosulfan II	1	ug/l	0.010	ND
Endosulfan Sulfate	1	ug/l	0.010	ND
Endrin	1	ug/l	0.010	ND
Endrin Aldehyde	1	ug/l	0.010	ND
Endrin Ketone	1	ug/l	0.010	ND
gamma-BHC	1	ug/l	0.010	ND
Heptachlor	1	ug/l	0.010	ND
Heptachlor Epoxide	1	ug/l	0.010	ND
Methoxychlor	1	ug/l	0.010	ND
p,p'-DDD	1	ug/l	0.010	ND
p,p'-DDE	1	ug/l	0.010	ND
p,p'-DDT	1	ug/l	0.010	ND
Toxaphene	1	ug/l	0.25	ND
PCB 608				
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND
Aroclor-1262	1	ug/l	0.25	ND
Aroclor-1268	1	ug/l	0.25	ND

Lab#: AC42940-011 **Collection Date: 2/24/2009**
Sample ID: MW-6 U

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	1	ug/l	NA	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	11	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC42940-011 **Collection Date: 2/24/2009**
Sample ID: MW-6 U

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 200.7/8				
Aluminum	**0.5**	**ug/l**	**100**	**270**
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**130**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**120000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	**0.5**	**ug/l**	**150**	**8400**
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**34000**
Manganese	**0.5**	**ug/l**	**25**	**1300**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**18000**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**150000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-011 **Collection Date: 2/24/2009**
Sample ID: MW-6 U

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42940-012 **Collection Date: 2/24/2009**
Sample ID: MW-6 F

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**91**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**120000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	0.5	ug/l	150	ND
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**34000**
Manganese	**0.5**	**ug/l**	**25**	**1300**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**18000**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**150000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-013 **Collection Date: 2/24/2009**
Sample ID: MW-7 U

TestGroup/Analyte	DF	Units	RL	Result
Cyanide (Water) 9012				
Cyanide	1	mg/l	0.01	ND
Mercury (Water) 245.1				
Mercury	**1**	**ug/l**	**0.20**	**0.29**
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.010	ND
Alpha-BHC	1	ug/l	0.010	ND
beta-BHC	**1**	**ug/l**	**0.010**	**0.19**
Chlordane	1	ug/l	0.10	ND
delta-BHC	1	ug/l	0.010	ND
Dieldrin	1	ug/l	0.010	ND
Endosulfan I	1	ug/l	0.010	ND
Endosulfan II	1	ug/l	0.010	ND
Endosulfan Sulfate	1	ug/l	0.010	ND
Endrin	1	ug/l	0.010	ND
Endrin Aldehyde	1	ug/l	0.010	ND
Endrin Ketone	1	ug/l	0.010	ND
gamma-BHC	1	ug/l	0.010	ND
Heptachlor	1	ug/l	0.010	ND
Heptachlor Epoxide	1	ug/l	0.010	ND
Methoxychlor	1	ug/l	0.010	ND
p,p'-DDD	1	ug/l	0.010	ND
p,p'-DDE	1	ug/l	0.010	ND
p,p'-DDT	1	ug/l	0.010	ND
Toxaphene	1	ug/l	0.25	ND
PCB 608				
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND
Aroclor-1262	1	ug/l	0.25	ND
Aroclor-1268	1	ug/l	0.25	ND

Lab#: AC42940-013 **Collection Date: 2/24/2009**
Sample ID: MW-7 U

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**4.8J**
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	11	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC42940-013 **Collection Date: 2/24/2009**
Sample ID: MW-7 U

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 200.7/8				
Aluminum	**0.5**	**ug/l**	**100**	**9500**
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**230**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**79000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	**0.5**	**ug/l**	**25**	**34**
Iron	**0.5**	**ug/l**	**150**	**19000**
Lead	**0.5**	**ug/l**	**5.0**	**150**
Magnesium	**0.5**	**ug/l**	**1000**	**24000**
Manganese	**0.5**	**ug/l**	**25**	**1200**
Nickel	**0.5**	**ug/l**	**10**	**15**
Potassium	**0.5**	**ug/l**	**2500**	**6500**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**44000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	**0.5**	**ug/l**	**25**	**150**

Lab#: AC42940-013 **Collection Date: 2/24/2009**
Sample ID: MW-7 U

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42940-014 Collection Date: 2/24/2009
Sample ID: MW-7 F

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	**0.5**	**ug/l**	**25**	**66**
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	**0.5**	**ug/l**	**1000**	**75000**
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	**0.5**	**ug/l**	**150**	**320**
Lead	0.5	ug/l	5.0	ND
Magnesium	**0.5**	**ug/l**	**1000**	**20000**
Manganese	**0.5**	**ug/l**	**25**	**880**
Nickel	0.5	ug/l	10	ND
Potassium	**0.5**	**ug/l**	**2500**	**4800**
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	**0.5**	**ug/l**	**2500**	**40000**
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-015 Collection Date: 2/24/2009
Sample ID: DUP-A U

TestGroup/Analyte	DF	Units	RL	Result
BNAE (Extract and Hold) 8270				
Extract and Hold	1			
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	**1**	**ug/l**	**0.011**	**0.024d**
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	**1**	**ug/l**	**0.011**	**0.10**
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	**1**	**ug/l**	**0.011**	**0.044**
p,p'-DDD	**1**	**ug/l**	**0.011**	**0.021**
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.28	ND
PCB (Extract and Hold) 8082				
Extract and Hold	1			

Lab#: AC42940-017 Collection Date: 2/24/2009
Sample ID: DUP-B U

TestGroup/Analyte	DF	Units	RL	Result
BNAE (Extract and Hold) 8270				
Extract and Hold	1			
PCB (Extract and Hold) 8082				
Extract and Hold	1			
Pesticides (Extract and Hold) 608/8081				
Extract and Hold	1			

Lab#: AC42940-019 Collection Date: 2/24/2009
Sample ID: DUP-C U

TestGroup/Analyte	DF	Units	RL	Result
BNAE (Extract and Hold) 8270				
Extract and Hold	1			
PCB (Extract and Hold) 8082				
Extract and Hold	1			
Pesticides (Extract and Hold) 608/8081				
Extract and Hold	1			

Lab#: AC42940-021 Collection Date: 2/24/2009
Sample ID: DUP-D U

TestGroup/Analyte	DF	Units	RL	Result
BNAE (Extract and Hold) 8270				
Extract and Hold	1			
PCB (Extract and Hold) 8082				
Extract and Hold	1			
Pesticides (Extract and Hold) 608/8081				
Extract and Hold	1			

Lab#: AC42940-023 Collection Date: 2/24/2009
Sample ID: DUP-E U

TestGroup/Analyte	DF	Units	RL	Result
BNAE (Extract and Hold) 8270				
Extract and Hold	1			
PCB (Extract and Hold) 8082				
Extract and Hold	1			
Pesticides (Extract and Hold) 608/8081				
Extract and Hold	1			
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	250	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	5.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	**1**	**ug/l**	**1.0**	**2.4**
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	**1**	**ug/l**	**1.0**	**6.9**
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	**1**	**ug/l**	**1.0**	**1.0**
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	**1**	**ug/l**	**1.0**	**1.5**
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42940-025 Collection Date: 2/24/2009
Sample ID: DUP-F U

TestGroup/Analyte	DF	Units	RL	Result
BNAE (Extract and Hold) 8270				
Extract and Hold	1			
PCB (Extract and Hold) 8082				
Extract and Hold	1			
Pesticides (Extract and Hold) 608/8081				
Extract and Hold	1			

Lab#: AC42940-027 Collection Date: 2/24/2009
Sample ID: DUP-G U

TestGroup/Analyte	DF	Units	RL	Result
BNAE (Extract and Hold) 8270				
Extract and Hold	1			
PCB (Extract and Hold) 8082				
Extract and Hold	1			
Pesticides (Extract and Hold) 608/8081				
Extract and Hold	1			

Lab#: AC42940-029 **Collection Date: 2/24/2009**
Sample ID: FB U

TestGroup/Analyte	DF	Units	RL	Result
Cyanide (Water) 9012				
Cyanide	1	mg/l	0.01	ND
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
Organochlorine Pesticides 608				
Aldrin	1	ug/l	0.010	ND
Alpha-BHC	1	ug/l	0.010	ND
beta-BHC	1	ug/l	0.010	ND
Chlordane	1	ug/l	0.10	ND
delta-BHC	1	ug/l	0.010	ND
Dieldrin	1	ug/l	0.010	ND
Endosulfan I	1	ug/l	0.010	ND
Endosulfan II	1	ug/l	0.010	ND
Endosulfan Sulfate	1	ug/l	0.010	ND
Endrin	1	ug/l	0.010	ND
Endrin Aldehyde	1	ug/l	0.010	ND
Endrin Ketone	1	ug/l	0.010	ND
gamma-BHC	1	ug/l	0.010	ND
Heptachlor	1	ug/l	0.010	ND
Heptachlor Epoxide	1	ug/l	0.010	ND
Methoxychlor	1	ug/l	0.010	ND
p,p'-DDD	1	ug/l	0.010	ND
p,p'-DDE	1	ug/l	0.010	ND
p,p'-DDT	1	ug/l	0.010	ND
Toxaphene	1	ug/l	0.25	ND
PCB 608				
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND
Aroclor-1262	1	ug/l	0.25	ND
Aroclor-1268	1	ug/l	0.25	ND

Lab#: AC42940-029 **Collection Date: 2/24/2009**
Sample ID: FB U

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics + 25 (625)				
:TotalSemiVolatileTic	1	ug/l	NA	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	11	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC42940-029 **Collection Date: 2/24/2009**
Sample ID: FB U

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	0.5	ug/l	25	ND
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	0.5	ug/l	1000	ND
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	0.5	ug/l	150	ND
Lead	0.5	ug/l	5.0	ND
Magnesium	0.5	ug/l	1000	ND
Manganese	0.5	ug/l	25	ND
Nickel	0.5	ug/l	10	ND
Potassium	0.5	ug/l	2500	ND
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	0.5	ug/l	2500	ND
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-029 **Collection Date: 2/24/2009**
Sample ID: FB U

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC42940-030 **Collection Date: 2/24/2009**
Sample ID: FB F

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 245.1				
Mercury	1	ug/l	0.20	ND
TAL Metals 200.7/8				
Aluminum	0.5	ug/l	100	ND
Antimony	0.5	ug/l	7.5	ND
Arsenic	0.5	ug/l	20	ND
Barium	0.5	ug/l	25	ND
Beryllium	0.5	ug/l	4.0	ND
Cadmium	0.5	ug/l	2.0	ND
Calcium	0.5	ug/l	1000	ND
Chromium	0.5	ug/l	25	ND
Cobalt	0.5	ug/l	10	ND
Copper	0.5	ug/l	25	ND
Iron	0.5	ug/l	150	ND
Lead	0.5	ug/l	5.0	ND
Magnesium	0.5	ug/l	1000	ND
Manganese	0.5	ug/l	25	ND
Nickel	0.5	ug/l	10	ND
Potassium	0.5	ug/l	2500	ND
Selenium	0.5	ug/l	25	ND
Silver	0.5	ug/l	10	ND
Sodium	0.5	ug/l	2500	ND
Thallium	0.5	ug/l	5.0	ND
Vanadium	0.5	ug/l	25	ND
Zinc	0.5	ug/l	25	ND

Lab#: AC42940-031 **Collection Date: 2/23/2009**
Sample ID: TB

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (624)				
:TotalVolatileTic	1	ug/l	NA	ND
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	2.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 3M59956.D
Analysis Date: 02/27/09 11:08
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	**75-01-4**	**Vinyl Chloride**	**1.0**	**1.4**
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 1.4

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 3M59956.D
Analysis Date: 02/27/09 11:08
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 3M59950.D
Analysis Date: 02/27/09 09:26
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**1.0**	**3.0**
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**2.4**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**1.2**
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 6.6

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 3M59950.D
Analysis Date: 02/27/09 09:26
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 3M59958.D
Analysis Date: 02/27/09 11:42
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**1.0**	**1.7**
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**5.3**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**1.1**
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	**75-01-4**	**Vinyl Chloride**	**1.0**	**1.5**
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 9.6

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 3M59958.D
Analysis Date: 02/27/09 11:42
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1	112-40-3	Dodecane	9.40	5.4 J

Worksheet #: 110348

Total Tentatively Identified Concentration 5.4

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 3M59959.D
Analysis Date: 02/27/09 11:59
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 3M59959.D
Analysis Date: 02/27/09 11:59
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-009
Client Id: MW-5 U
Data File: 3M59951.D
Analysis Date: 02/27/09 09:43
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-009
Client Id: MW-5 U
Data File: 3M59951.D
Analysis Date: 02/27/09 09:43
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 3M59957.D
Analysis Date: 02/27/09 11:25
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 3M59957.D
Analysis Date: 02/27/09 11:25
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 3M59960.D
Analysis Date: 02/27/09 12:16
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 3M59960.D
Analysis Date: 02/27/09 12:16
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-023
Client Id: DUP-E U
Data File: 6M38881.D
Analysis Date: 03/06/09 22:55
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**1.0**	**2.4**
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**6.9**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**1.0**
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	**75-01-4**	**Vinyl Chloride**	**1.0**	**1.5**
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 111066

Total Target Concentration 12

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-023
Client Id: DUP-E U
Data File: 6M38881.D
Analysis Date: 03/06/09 22:55
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 111066

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-029
Client Id: FB U
Data File: 3M59953.D
Analysis Date: 02/27/09 10:17
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-029
Client Id: FB U
Data File: 3M59953.D
Analysis Date: 02/27/09 10:17
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-031
Client Id: TB
Data File: 3M59952.D
Analysis Date: 02/27/09 10:00
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-031
Client Id: TB
Data File: 3M59952.D
Analysis Date: 02/27/09 10:00
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 10M03265.D
Analysis Date: 03/03/09 12:00
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 10M03265.D
Analysis Date: 03/03/09 12:00
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		unknown	8.74	4.7 J
2	140-66-9	Phenol, 4-(1,1,3,3-tetramethylbutyl)-	8.79	13 J
3	25154-52-3	Phenol, nonyl-	8.82	13 J
4	104-40-5	Phenol, 4-nonyl-	8.86	9.9 J
5	25154-52-3	Phenol, nonyl-	8.88	5.8 J
6	107-80-2	Butane, 1,3-dibromo-	8.92	9.6 J
7	25154-52-3	Phenol, nonyl-	8.97	15 J
8	140-66-9	Phenol, 4-(1,1,3,3-tetramethylbutyl)-	9.01	15 J
9		unknown	9.05	9.2 J

Worksheet #: 110511

Total Tentatively Identified Concentration 95

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 10M03266.D
Analysis Date: 03/03/09 12:22
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 10M03266.D
Analysis Date: 03/03/09 12:22
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110511

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 10M03267.D
Analysis Date: 03/03/09 12:45
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 10M03267.D
Analysis Date: 03/03/09 12:45
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110511

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 10M03268.D
Analysis Date: 03/03/09 13:07
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 10M03268.D
Analysis Date: 03/03/09 13:07
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1	995-25-5	Silane, chlorotripropyl-	8.82	6.8 J
2	25154-52-3	Phenol, nonyl-	8.85	4.7 J
3	140-66-9	Phenol, 4-(1,1,3,3-tetramethylbutyl)-	8.92	4.8 J
4	25154-52-3	Phenol, nonyl-	8.97	6.7 J
5	54932-78-4	Phenol, 4-(2,2,3,3-tetramethylbutyl)-	9.01	5.3 J

Worksheet #: 110511

Total Tentatively Identified Concentration 28

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-009
Client Id: MW-5 U
Data File: 10M03269.D
Analysis Date: 03/03/09 13:29
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-009	Matrix: Aqueous
Client Id: MW-5 U	Initial Vol: 900ml
Data File: 10M03269.D	Final Vol: 1ml
Analysis Date: 03/03/09 13:29	Dilution: 1
Date Rec/Extracted: 02/25/09-02/27/09	Solids:
	Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110511

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 10M03270.D
Analysis Date: 03/03/09 13:51
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 10M03270.D
Analysis Date: 03/03/09 13:51
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110511

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 10M03271.D
Analysis Date: 03/03/09 14:13
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 10M03271.D
Analysis Date: 03/03/09 14:13
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		unknown	9.65	4.8 J

Worksheet #: 110511

Total Tentatively Identified Concentration 4.8

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-029
Client Id: FB U
Data File: 10M03272.D
Analysis Date: 03/03/09 14:35
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-029
Client Id: FB U
Data File: 10M03272.D
Analysis Date: 03/03/09 14:35
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110511

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS PCB REPORT

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 5G20794.D
Analysis Date: 02/27/09 08:50
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 940ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

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

Worksheet #: 110465

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 5G20795.D
Analysis Date: 02/27/09 09:08
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 110465

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 5G20796.D
Analysis Date: 02/27/09 09:26
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 110465

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 5G20797.D
Analysis Date: 02/27/09 09:44
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110465

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42940-009
Client Id: MW-5 U
Data File: 5G20798.D
Analysis Date: 02/27/09 10:02
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110465

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 5G20799.D
Analysis Date: 02/27/09 10:20
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110475

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 5G20801.D
Analysis Date: 02/27/09 10:57
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110475

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC42940-029
Client Id: FB U
Data File: 5G20800.D
Analysis Date: 02/27/09 10:38
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110475

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 6G12820.D
Analysis Date: 02/27/09 14:09
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 940ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 6G12821.D
Analysis Date: 02/27/09 14:24
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 6G12822.D
Analysis Date: 02/27/09 14:39
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 6G12823.D
Analysis Date: 02/27/09 14:54
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-009
Client Id: MW-5 U
Data File: 6G12825.D
Analysis Date: 02/27/09 15:25
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 6G12826.D
Analysis Date: 02/27/09 15:40
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 6G12824.D
Analysis Date: 02/27/09 15:10
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	**beta-BHC**	**0.010**	**0.19**	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110485

Total Target Concentration 0.19

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-015
Client Id: DUP-A U
Data File: 5G20938.D
Analysis Date: 03/04/09 13:27
Date Rec/Extracted: 02/25/09-03/02/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	**Dieldrin**	**0.011**	**0.024 d**	**72-43-5**	**Methoxychlor**	**0.011**	**0.044**
959-98-8	Endosulfan I	0.011	U	**72-54-8**	**p,p'-DDD**	**0.011**	**0.021**
33213-65-9	**Endosulfan II**	**0.011**	**0.10**	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.28	U

Worksheet #: 111421

Total Target Concentration 0.024

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-029
Client Id: FB U
Data File: 6G12827.D
Analysis Date: 02/27/09 15:55
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-1 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-39-3	Barium	25	130	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7439-89-6	Iron	150	2600	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7439-95-4	Magnesium	1000	36000	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7439-96-5	Manganese	25	560	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	14	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-09-7	Potassium	2500	7500	0.5	03/04/09	9998	A9998B2	13	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-23-5	Sodium	2500	260000	0.5	03/04/09	9998	A9998B2	13	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-002	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-1 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-39-3	Barium	25	110	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7439-95-4	Magnesium	1000	36000	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7439-96-5	Manganese	25	550	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	18	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-09-7	Potassium	2500	7500	0.5	03/04/09	9998	A9998B2	21	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-23-5	Sodium	2500	260000	0.5	03/04/09	9998	A9998B2	21	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-003	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-2 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	540	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-39-3	Barium	25	210	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-70-2	Calcium	1000	98000	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7439-89-6	Iron	150	1200	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7439-92-1	Lead	5.0	14	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7439-95-4	Magnesium	1000	33000	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7439-96-5	Manganese	25	210	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	19	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-09-7	Potassium	2500	12000	0.5	03/04/09	9998	A9998B2	22	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-23-5	Sodium	2500	230000	0.5	03/04/09	9998	A9998B2	22	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-2 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-39-3	Barium	25	200	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-70-2	Calcium	1000	100000	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7439-95-4	Magnesium	1000	33000	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7439-96-5	Manganese	25	170	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	20	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-09-7	Potassium	2500	12000	0.5	03/04/09	9998	A9998B2	23	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-23-5	Sodium	2500	230000	0.5	03/04/09	9998	A9998B2	23	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-005	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-3 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-39-3	Barium	25	130	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7439-89-6	Iron	150	770	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7439-95-4	Magnesium	1000	35000	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7439-96-5	Manganese	25	480	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	23	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-09-7	Potassium	2500	7700	0.5	03/04/09	9998	A9998B2	24	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-23-5	Sodium	2500	170000	0.5	03/04/09	9998	A9998B2	24	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-006	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-3 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-39-3	Barium	25	120	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7439-95-4	Magnesium	1000	35000	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7439-96-5	Manganese	25	460	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	24	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-09-7	Potassium	2500	7800	0.5	03/04/09	9998	A9998B2	25	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-23-5	Sodium	2500	170000	0.5	03/04/09	9998	A9998B2	25	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-007	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-4 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-39-3	Barium	25	140	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7439-89-6	Iron	150	4500	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7439-95-4	Magnesium	1000	34000	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7439-96-5	Manganese	25	480	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	25	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-09-7	Potassium	2500	7600	0.5	03/04/09	9998	A9998B2	30	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-23-5	Sodium	2500	180000	0.5	03/04/09	9998	A9998B2	30	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-008	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-4 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-39-3	Barium	25	120	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7439-95-4	Magnesium	1000	33000	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7439-96-5	Manganese	25	490	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	26	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-09-7	Potassium	2500	7500	0.5	03/04/09	9998	A9998B2	31	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-23-5	Sodium	2500	170000	0.5	03/04/09	9998	A9998B2	31	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-009	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-5 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	620	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-39-3	Barium	25	220	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-70-2	Calcium	1000	99000	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7439-89-6	Iron	150	32000	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7439-92-1	Lead	5.0	13	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7439-95-4	Magnesium	1000	30000	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7439-96-5	Manganese	25	2500	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	27	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-09-7	Potassium	2500	13000	0.5	03/04/09	9998	A9998B2	32	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-23-5	Sodium	2500	150000	0.5	03/04/09	9998	A9998B2	32	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-010	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-5 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-39-3	Barium	25	140	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-70-2	Calcium	1000	98000	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7439-89-6	Iron	150	5000	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7439-95-4	Magnesium	1000	30000	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7439-96-5	Manganese	25	2400	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	28	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-09-7	Potassium	2500	13000	0.5	03/04/09	9998	A9998B2	33	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-23-5	Sodium	2500	150000	0.5	03/04/09	9998	A9998B2	33	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-011	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-6 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	270	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-39-3	Barium	25	130	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7439-89-6	Iron	150	8400	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7439-95-4	Magnesium	1000	34000	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7439-96-5	Manganese	25	1300	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	29	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-09-7	Potassium	2500	18000	0.5	03/04/09	9998	A9998B2	34	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-23-5	Sodium	2500	150000	0.5	03/04/09	9998	A9998B2	34	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-012	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-6 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-39-3	Barium	25	91	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7439-95-4	Magnesium	1000	34000	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7439-96-5	Manganese	25	1300	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	30	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-09-7	Potassium	2500	18000	0.5	03/04/09	9998	A9998B2	35	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-23-5	Sodium	2500	150000	0.5	03/04/09	9998	A9998B2	35	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-013	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-7 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	9500	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-39-3	Barium	25	230	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-70-2	Calcium	1000	79000	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-50-8	Copper	25	34	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7439-89-6	Iron	150	19000	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7439-92-1	Lead	5.0	150	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7439-95-4	Magnesium	1000	24000	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7439-96-5	Manganese	25	1200	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7439-97-6	Mercury	0.20	0.29	1	02/27/09	9998	H9998A	31	CV	HGCV1
7440-02-0	Nickel	10	15	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-09-7	Potassium	2500	6500	0.5	03/04/09	9998	A9998B2	36	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-23-5	Sodium	2500	44000	0.5	03/04/09	9998	A9998B2	36	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-66-6	Zinc	25	150	0.5	03/04/09	9998	A9998C2	37	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-014	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-7 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-39-3	Barium	25	66	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-70-2	Calcium	1000	75000	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7439-89-6	Iron	150	320	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7439-95-4	Magnesium	1000	20000	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7439-96-5	Manganese	25	880	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	32	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-09-7	Potassium	2500	4800	0.5	03/04/09	9998	A9998B2	37	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-23-5	Sodium	2500	40000	0.5	03/04/09	9998	A9998B2	37	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-029	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-39-3	Barium	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-70-2	Calcium	1000	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7439-95-4	Magnesium	1000	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7439-96-5	Manganese	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	35	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	03/04/09	9998	A9998B2	40	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-23-5	Sodium	2500	ND	0.5	03/04/09	9998	A9998B2	40	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-030	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-39-3	Barium	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-70-2	Calcium	1000	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7439-95-4	Magnesium	1000	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7439-96-5	Manganese	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	36	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	03/04/09	9998	A9998B2	41	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-23-5	Sodium	2500	ND	0.5	03/04/09	9998	A9998B2	41	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

VERITECH Wet Chem Form1 Analysis Summary

Lab#: AC42940-001
Matrix Aqueous
Client SampleID: MW-1 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-003
Matrix Aqueous
Client SampleID: MW-2 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-005
Matrix Aqueous
Client SampleID: MW-3 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-007
Matrix Aqueous
Client SampleID: MW-4 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-009
Matrix Aqueous
Client SampleID: MW-5 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-011
Matrix Aqueous
Client SampleID: MW-6 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-013
Matrix Aqueous
Client SampleID: MW-7 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-029
Matrix Aqueous
Client SampleID: FB U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Chain of Custody Forms

Veritech/Division of Hampton-Clarke — **CHAIN OF CUSTODY RECORD**

175 US Hwy 46 West, Fairfield, New Jersey 07004 & 1275 Bloomfield Avenue, Building 3, Unit 50A, Fairfield, New Jersey 07004

Ph: 800-426-9992
Fax: 973-439-1458

Project#(Lab Use Only): 9022527

Page 1 of 2

NELAC/NJ# 07071/07069 CT# PH-0671 MA# NJ386 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

3) Reporting Requirements(please circle)

Customer Information

1a) Customer: Whitestone Associates, Inc.
Address: 35 Technology Drive
Warren, NJ
1b) Email/Cell/Fax/Ph: 908 668 7777
1c) Send Invoice To: Whitestone
1d) Send Report To: Whitestone

Project Information

2a) Project: EJ08010744.001
2b) Project Manager: KT
2c) Location (City/State): Tarrytown, NY
2d) Quote#/PO# (If Applicable):

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
48-Hour(75%)	Waste	Equis
72-Hour (50%)	Red-NJ/NY/PA	Excel-NJCC
4 Day (TPH)	CLP	Excel-Nytags
1-Week(25%)	Full/Cat-B	Excel-PAActII
10 Days(10%)	Cat-A	PDF
Standard	Other:	Other:
Other:		

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY — Batch# AC42940

Check if Contingent===> <===Check if Contingent

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Lab Sample#	4) Customer Sample ID		5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	TCL+30	TAL Metals*	VOC	EAL 5.6 ± 2/27/09	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-001/002	MW-1	U/F (A)	GW	2/24/09	12:09			X	X			4 5			1	3		1		
-003/004	MW-2	U/F (A)	GW	2/24/09	11:11			X	X			4 5			1	3		1		
-005/006	MW-3	U/F (A)	GW	2/24/09	10:20			X	X			4 5			1	3		1		
-007/008	MW-4	U/F (A)	GW	2/24/09	11:54			X	X			4 5			1	3		1		
-009/010	MW-5	U/F (A)	GW	2/24/09	9:28			X	X			5			1	3		1		
-011/012	MW-6	U/F (A)	GW	2/24/09	10:32			X	X			5			1	3		1		
-013/014	MW-7	U/F (A)	GW	2/24/09	11:03			X	X			5			1	3		1		
-015/016	DUP-A (C)	U/F (A)	GW	2/24/09	11:06			(*)	(*)			5			1	3		1		
-017/018	DUP-B	U/F (A)	GW	2/24/09	10:36			(*)	(*)			5			1	3		1		
-019/020	DUP-C	U/F (A)	GW	2/24/09	9:31			(*)	(*)			5			1	3		1		

10) Relinquished By:	Accepted By	Date	Time
Erik Colonna	Janet Edwards	2/25/09	1335
Janet Edwards		2/25/09	1452

Comments, Notes, Special Requirements, HAZARDS

* filtered and unfiltered
(*) = on hold
(A) ACTIVATE CN per ECR 1 WK TAT, EXT HOLD BNA, PC, PCB
(C) ACTIVATE PC per ECR 1 WK TAT 3/16/09 SO 2/27/09

Cooler Tmp: 8.5

11) Sampler: Erik Colonna Date: 2/24/09

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

Veritech/Division of Hampton-Clarke — **CHAIN OF CUSTODY RECORD** — Ph: 800-426-9992 Fax: 973-439-1458 — Project#(Lab Use Only) — Page 2 of 2

175 US Hwy 46 West, Fairfield, New Jersey 07004 & 1275 Bloomfield Avenue, Building 3, Unit 50A, Fairfield, New Jersey 07004

IELAC/NJ# 07071/07069 CT# PH-0671 MA# NJ386 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

3) Reporting Requirements(please circle)

Customer Information	Project Information	Turnaround Time	Report type	Electronic Deliv
1a) Customer: Writestone Associates, Inc.	2a) Project: EJ0810744.001	24-Hour(100%)	Data Sum	Hazsite/Csv
Address: 35 Technology Drive Warren, NJ	2b) Project Manager: KT	48-Hour(75%)	Waste	Equis
1b) Email/Cell/Fax/Ph: 908 668 7777	2c) Location (City/State): Tarrytown, NY	72-Hour (50%)	Red-NJ/NY/PA	Excel-NJCC
1c) Send Invoice To: Writestone		4 Day (TPH)	CLP	Excel-Nytagm
1d) Send Report To: Writestone	2d) Quote#/PO# (If Applicable):	1-Week(25%)	Full/Cat-B	Excel-PAActII
		10 Days(10%)	Cat-A	PDF
		Standard	Other:	Other:
		Other:		

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY — Batch# AC42940

Check if Contingent===> <===Check if Contingent

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	TCL+30	TAL Metals #	VOC	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H_2SO_4	HNO_3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-021/022	DUP-D U/F (A)	GW	2/24/09	11:57			(A)	(A)		5			1	3		1		
-023/024	DUP-E (G) U/F (A)	GW	2/24/09	10:24			(A)	(A)		5			1	3		1		
-025/026	DUP-F U/F (A)	GW	2/24/09	11:15			(A)	(A)		5			1	3		1		
-027/028	DUP-G U/F (A)	GW	2/24/09	12:12			(A)	(A)		5			1	3		1		
-029/030	FB U/F (A)	B	2/24/09	12:35			X	X		5			1	3		1		
-031	TB	B	2/23/09	08					X					3				

10) Relinquished By:	Accepted By	Date	Time
Erik Colonna-Romano	Janet Edwards	2/25/09	1335
Janet Edwards	[signature]	2/25/09	1450

Comments, Notes, Special Requirements, HAZARDS

* Filtered and unfiltered

(A) = on hold

(B) ACTIVATE VOID 1 WEEK TAT PER ECR 3/6/09 SD

Cooler Tmp: 2.5

11) Sampler: Erik Colonna-Romano Date: 2/24/09

Please note NUMBERED items. If not completed your analytical work may be delayed.

A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

CONDITION UPON RECEIPT

Batch Number AC42940 Entered By: Ricardo
Date Entered 2/25/2009 4:36:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	Yes	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container (in degC) 3.5C
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	Yes	Are samples preserved correctly?
12	NA	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

PRESERVATION DOCUMENT

Batch Number AC42940 Entered By: Ricardo

Date Entered 2/25/2009 4:36:00 PM

Lab#:	Container Siz	Container Typ	Paramete	Preservative	PH
AC42940-001	1L	G	PEST	NONE	7
AC42940-001	500ML	G	CN	NAOH	14
AC42940-001	40ML	G	VO+10	HCL	1
AC42940-001	1L	P	METALS	HNO3	1
AC42940-002	NA	NA	NA	NA	NA
AC42940-002	NA	NA	NA	NA	NA
AC42940-002	NA	NA	NA	NA	NA
AC42940-002	NA	NA	NA	NA	NA
AC42940-003	1L	G	PEST	NONE	7
AC42940-003	500ML	G	CN	NAOH	14
AC42940-003	40ML	G	VO+10	HCL	1
AC42940-003	1L	P	METALS	HNO3	1
AC42940-004	NA	NA	NA	NA	NA
AC42940-004	NA	NA	NA	NA	NA
AC42940-004	NA	NA	NA	NA	NA
AC42940-004	NA	NA	NA	NA	NA
AC42940-005	1L	G	PEST	NONE	7
AC42940-005	500ML	G	CN	NAOH	14
AC42940-005	40ML	G	VO+10	HCL	1
AC42940-005	1L	P	METALS	HNO3	1
AC42940-006	NA	NA	NA	NA	NA
AC42940-006	NA	NA	NA	NA	NA
AC42940-006	NA	NA	NA	NA	NA
AC42940-006	NA	NA	NA	NA	NA
AC42940-007	1L	G	PEST	NONE	7
AC42940-007	500ML	G	CN	NAOH	14
AC42940-007	40ML	G	VO+10	HCL	1
AC42940-007	1L	P	METALS	HNO3	1
AC42940-008	NA	NA	NA	NA	NA
AC42940-008	NA	NA	NA	NA	NA
AC42940-008	NA	NA	NA	NA	NA
AC42940-008	NA	NA	NA	NA	NA
AC42940-009	1L	G	PEST	NONE	7
AC42940-009	500ML	G	CN	NAOH	14
AC42940-009	40ML	G	VO+10	HCL	1
AC42940-009	1L	P	METALS	HNO3	1
AC42940-010	NA	NA	NA	NA	NA
AC42940-010	NA	NA	NA	NA	NA
AC42940-010	NA	NA	NA	NA	NA
AC42940-010	NA	NA	NA	NA	NA
AC42940-011	1L	G	PEST	NONE	7
AC42940-011	500ML	G	CN	NAOH	14
AC42940-011	40ML	G	VO+10	HCL	1
AC42940-011	1L	P	METALS	HNO3	1
AC42940-012	NA	NA	NA	NA	NA
AC42940-012	NA	NA	NA	NA	NA
AC42940-012	NA	NA	NA	NA	NA
AC42940-012	NA	NA	NA	NA	NA
AC42940-013	1L	G	PEST	NONE	7
AC42940-013	500ML	G	CN	NAOH	14
AC42940-013	40ML	G	VO+10	HCL	1
AC42940-013	1L	P	METALS	HNO3	1
AC42940-014	NA	NA	NA	NA	NA
AC42940-014	NA	NA	NA	NA	NA
AC42940-014	NA	NA	NA	NA	NA

PRESERVATION DOCUMENT

Batch Number AC42940

Entered By: Ricardo
Date Entered 2/25/2009 4:36:00 PM

Lab#:	Container Siz	Container Typ	Paramete	Preservative	PH
AC42940-014	NA	NA	NA	NA	NA
AC42940-015	1L	G	PEST	NONE	7
AC42940-015	500ML	G	CN	NAOH	14
AC42940-015	40ML	G	VO+10	HCL	1
AC42940-015	1L	P	METALS	HNO3	1
AC42940-016	NA	NA	NA	NA	NA
AC42940-016	NA	NA	NA	NA	NA
AC42940-016	NA	NA	NA	NA	NA
AC42940-016	NA	NA	NA	NA	NA
AC42940-017	1L	G	PEST	NONE	7
AC42940-017	500ML	G	CN	NAOH	14
AC42940-017	40ML	G	VO+10	HCL	1
AC42940-017	1L	P	METALS	HNO3	1
AC42940-018	NA	NA	NA	NA	NA
AC42940-018	NA	NA	NA	NA	NA
AC42940-018	NA	NA	NA	NA	NA
AC42940-018	NA	NA	NA	NA	NA
AC42940-019	1L	G	PEST	NONE	7
AC42940-019	500ML	G	CN	NAOH	14
AC42940-019	40ML	G	VO+10	HCL	1
AC42940-019	1L	P	METALS	HNO3	1
AC42940-020	NA	NA	NA	NA	NA
AC42940-020	NA	NA	NA	NA	NA
AC42940-020	NA	NA	NA	NA	NA
AC42940-020	NA	NA	NA	NA	NA
AC42940-021	1L	G	PEST	NONE	7
AC42940-021	500ML	G	CN	NAOH	14
AC42940-021	40ML	G	VO+10	HCL	1
AC42940-021	1L	P	METALS	HNO3	1
AC42940-022	NA	NA	NA	NA	NA
AC42940-022	NA	NA	NA	NA	NA
AC42940-022	NA	NA	NA	NA	NA
AC42940-022	NA	NA	NA	NA	NA
AC42940-023	1L	G	PEST	NONE	7
AC42940-023	500ML	G	CN	NAOH	14
AC42940-023	40ML	G	VO+10	HCL	1
AC42940-023	1L	P	METALS	HNO3	1
AC42940-024	NA	NA	NA	NA	NA
AC42940-024	NA	NA	NA	NA	NA
AC42940-024	NA	NA	NA	NA	NA
AC42940-024	NA	NA	NA	NA	NA
AC42940-025	1L	G	PEST	NONE	7
AC42940-025	500ML	G	CN	NAOH	14
AC42940-025	40ML	G	VO+10	HCL	1
AC42940-025	1L	P	METALS	HNO3	1
AC42940-026	NA	NA	NA	NA	NA
AC42940-026	NA	NA	NA	NA	NA
AC42940-026	NA	NA	NA	NA	NA
AC42940-026	NA	NA	NA	NA	NA
AC42940-027	1L	G	PEST	NONE	7
AC42940-027	500ML	G	CN	NAOH	14
AC42940-027	40ML	G	VO+10	HCL	1
AC42940-027	1L	P	METALS	HNO3	1
AC42940-028	NA	NA	NA	NA	NA
AC42940-028	NA	NA	NA	NA	NA

PRESERVATION DOCUMENT

Batch Number AC42940

Entered By: Ricardo

Date Entered 2/25/2009 4:36:00 PM

Lab#:	Container Siz	Container Typ	Paramete	Preservative	PH
AC42940-028	NA	NA	NA	NA	NA
AC42940-028	NA	NA	NA	NA	NA
AC42940-029	1L	G	PEST	NONE	7
AC42940-029	500ML	G	CN	NAOH	14
AC42940-029	40ML	G	VO+10	HCL	1
AC42940-029	1L	P	METALS	HNO3	1
AC42940-030	NA	NA	NA	NA	NA
AC42940-030	NA	NA	NA	NA	NA
AC42940-030	NA	NA	NA	NA	NA
AC42940-030	NA	NA	NA	NA	NA
AC42940-031	NA	NA	NA	NA	NA
AC42940-031	NA	NA	NA	NA	NA
AC42940-031	40ML	G	VO+10	HCL	1
AC42940-031	NA	NA	NA	NA	NA

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC42940-001	02/25/09 14:52	RICAR	0	M	Received
AC42940-001	02/25/09 16:36	RICAR	0	M	Login
AC42940-001	02/26/09 07:48	R22	2	A	NONE
AC42940-001	02/27/09 09:46	SG	2	A	voa
AC42940-001	02/26/09 07:48	R22	3	A	NONE
AC42940-001	02/26/09 12:11	SG	3	A	voa
AC42940-001	02/25/09 17:01	R12	4	A	NONE
AC42940-001	02/26/09 15:35	KALPE	4	A	A-P/P
AC42940-001	02/25/09 17:01	R12	5	A	NONE
AC42940-001	02/27/09 09:06	MSL	5	A	BN
AC42940-001	02/25/09 17:01	R12	6	A	NONE
AC42940-001	02/25/09 17:01	R12	7	A	NONE
AC42940-001	02/25/09 17:01	R12	8	A	NONE
AC42940-001	02/27/09 07:33	OA	8	M	TDWI/HG
AC42940-001	02/27/09 10:52	R12	8	A	NONE
AC42940-001	02/25/09 17:01	R12	9	A	NONE
AC42940-001	03/01/09 10:13	HS	9	A	cn-s
AC42940-001	03/01/09 10:31	HS	9	A	cn-w
AC42940-001	03/01/09 14:35	R12	9	A	NONE
AC42940-002	02/25/09 14:52	RICAR	0	M	Received
AC42940-002	02/25/09 16:36	RICAR	0	M	Login
AC42940-002	02/25/09 17:19	R12	1	A	NONE
AC42940-002	02/26/09 10:19	OA	1	A	FILTER
AC42940-002	02/26/09 12:16	R12	1	A	NONE
AC42940-002	02/27/09 07:33	OA	1	M	TDWI/HG
AC42940-002	02/27/09 10:52	R12	1	A	NONE
AC42940-003	02/25/09 14:52	RICAR	0	M	Received
AC42940-003	02/25/09 16:36	RICAR	0	M	Login
AC42940-003	02/26/09 07:48	R22	2	A	NONE
AC42940-003	02/27/09 09:19	SG	2	A	voa
AC42940-003	02/26/09 07:48	R22	3	A	NONE
AC42940-003	02/26/09 12:11	SG	3	A	voa
AC42940-003	02/25/09 17:01	R12	4	A	NONE
AC42940-003	02/26/09 15:35	KALPE	4	A	A-P/P
AC42940-003	02/25/09 17:01	R12	5	A	NONE
AC42940-003	02/27/09 09:06	MSL	5	A	BN
AC42940-003	02/25/09 17:01	R12	6	A	NONE
AC42940-003	02/25/09 17:01	R12	7	A	NONE
AC42940-003	02/25/09 17:01	R12	8	A	NONE
AC42940-003	02/27/09 07:33	OA	8	M	TDWI/HG
AC42940-003	02/27/09 10:52	R12	8	A	NONE
AC42940-003	02/25/09 17:01	R12	9	A	NONE
AC42940-003	03/01/09 10:13	HS	9	A	cn-s
AC42940-003	03/01/09 10:31	HS	9	A	cn-w
AC42940-003	03/01/09 14:35	R12	9	A	NONE
AC42940-004	02/25/09 14:52	RICAR	0	M	Received
AC42940-004	02/25/09 16:36	RICAR	0	M	Login
AC42940-004	02/25/09 17:19	R12	1	A	NONE
AC42940-004	02/26/09 10:19	OA	1	A	FILTER
AC42940-004	02/26/09 12:16	R12	1	A	NONE
AC42940-004	02/27/09 07:33	OA	1	M	TDWI/HG
AC42940-004	02/27/09 10:52	R12	1	A	NONE
AC42940-005	02/25/09 14:52	RICAR	0	M	Received
AC42940-005	02/25/09 16:36	RICAR	0	M	Login
AC42940-005	02/26/09 07:48	R22	2	A	NONE
AC42940-005	02/27/09 09:46	SG	2	A	voa
AC42940-005	02/26/09 07:48	R22	3	A	NONE
AC42940-005	02/26/09 12:11	SG	3	A	voa
AC42940-005	02/25/09 17:01	R12	4	A	NONE
AC42940-005	02/26/09 15:35	KALPE	4	A	A-P/P
AC42940-005	02/25/09 17:01	R12	5	A	NONE
AC42940-005	02/27/09 09:06	MSL	5	A	BN
AC42940-005	02/25/09 17:01	R12	6	A	NONE
AC42940-005	02/25/09 17:01	R12	7	A	NONE
AC42940-005	02/25/09 17:01	R12	8	A	NONE
AC42940-005	02/27/09 07:33	OA	8	M	TDWI/HG
AC42940-005	02/27/09 10:52	R12	8	A	NONE
AC42940-005	02/25/09 17:01	R12	9	A	NONE
AC42940-005	03/01/09 10:13	HS	9	A	cn-s
AC42940-005	03/01/09 10:31	HS	9	A	cn-w
AC42940-005	03/01/09 14:35	R12	9	A	NONE
AC42940-006	02/25/09 14:52	RICAR	0	M	Received
AC42940-006	02/25/09 16:36	RICAR	0	M	Login
AC42940-006	02/25/09 17:19	R12	1	A	NONE
AC42940-006	02/26/09 10:19	OA	1	A	FILTER

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC42940-006	02/26/09 12:16	R12	1	A	NONE
AC42940-006	02/27/09 07:33	OA	1	M	TDWI/HG
AC42940-006	02/27/09 10:52	R12	1	A	NONE
AC42940-007	02/25/09 14:52	RICAR	0	M	Received
AC42940-007	02/25/09 16:36	RICAR	0	M	Login
AC42940-007	02/26/09 07:48	R22	2	A	NONE
AC42940-007	02/27/09 09:46	SG	2	A	voa
AC42940-007	02/26/09 07:48	R22	3	A	NONE
AC42940-007	02/26/09 12:11	SG	3	A	voa
AC42940-007	02/25/09 17:01	R12	4	A	NONE
AC42940-007	02/26/09 15:35	KALPE	4	A	A-P/P
AC42940-007	02/25/09 17:01	R12	5	A	NONE
AC42940-007	02/26/09 17:12	KALPE	5	A	A-P/P
AC42940-007	02/26/09 19:00	R12	5	A	NONE
AC42940-007	02/25/09 17:01	R12	6	A	NONE
AC42940-007	02/27/09 09:06	MSL	6	A	BN
AC42940-007	02/25/09 17:01	R12	7	A	NONE
AC42940-007	02/25/09 17:01	R12	8	A	NONE
AC42940-007	02/27/09 07:33	OA	8	M	TDWI/HG
AC42940-007	02/27/09 10:52	R12	8	A	NONE
AC42940-007	02/25/09 17:01	R12	9	A	NONE
AC42940-007	03/01/09 10:13	HS	9	A	cn-s
AC42940-007	03/01/09 10:31	HS	9	A	cn-w
AC42940-007	03/01/09 14:35	R12	9	A	NONE
AC42940-008	02/25/09 14:52	RICAR	0	M	Received
AC42940-008	02/25/09 16:36	RICAR	0	M	Login
AC42940-008	02/25/09 17:19	R12	1	A	NONE
AC42940-008	02/26/09 10:19	OA	1	A	FILTER
AC42940-008	02/26/09 12:16	R12	1	A	NONE
AC42940-008	02/27/09 07:33	OA	1	M	TDWI/HG
AC42940-008	02/27/09 10:52	R12	1	A	NONE
AC42940-009	02/25/09 14:52	RICAR	0	M	Received
AC42940-009	02/25/09 16:36	RICAR	0	M	Login
AC42940-009	02/26/09 07:48	R22	2	A	NONE
AC42940-009	02/27/09 09:19	SG	2	A	voa
AC42940-009	02/26/09 07:48	R22	3	A	NONE
AC42940-009	02/26/09 12:11	SG	3	A	voa
AC42940-009	02/25/09 17:01	R12	4	A	NONE
AC42940-009	02/26/09 15:35	KALPE	4	A	A-P/P
AC42940-009	02/25/09 17:01	R12	5	A	NONE
AC42940-009	02/26/09 17:12	KALPE	5	A	A-P/P
AC42940-009	02/26/09 19:00	R12	5	A	NONE
AC42940-009	02/25/09 17:01	R12	6	A	NONE
AC42940-009	02/27/09 09:06	MSL	6	A	BN
AC42940-009	02/25/09 17:01	R12	7	A	NONE
AC42940-009	02/25/09 17:01	R12	8	A	NONE
AC42940-009	02/27/09 07:33	OA	8	M	TDWI/HG
AC42940-009	02/27/09 10:52	R12	8	A	NONE
AC42940-009	02/25/09 17:01	R12	9	A	NONE
AC42940-009	03/01/09 10:13	HS	9	A	cn-s
AC42940-009	03/01/09 10:31	HS	9	A	cn-w
AC42940-009	03/01/09 14:35	R12	9	A	NONE
AC42940-010	02/25/09 14:52	RICAR	0	M	Received
AC42940-010	02/25/09 16:36	RICAR	0	M	Login
AC42940-010	02/25/09 16:54	R12	1	A	NONE
AC42940-010	02/26/09 10:19	OA	1	A	FILTER
AC42940-010	02/26/09 12:16	R12	1	A	NONE
AC42940-010	02/27/09 07:33	OA	1	M	TDWI/HG
AC42940-010	02/27/09 10:52	R12	1	A	NONE
AC42940-011	02/25/09 14:52	RICAR	0	M	Received
AC42940-011	02/25/09 16:36	RICAR	0	M	Login
AC42940-011	02/26/09 07:48	R22	2	A	NONE
AC42940-011	02/27/09 09:46	SG	2	A	voa
AC42940-011	02/26/09 07:48	R22	3	A	NONE
AC42940-011	02/26/09 12:11	SG	3	A	voa
AC42940-011	02/25/09 17:01	R12	4	A	NONE
AC42940-011	02/26/09 15:35	KALPE	4	A	A-P/P
AC42940-011	02/25/09 17:01	R12	5	A	NONE
AC42940-011	02/26/09 17:12	KALPE	5	A	A-P/P
AC42940-011	02/26/09 19:00	R12	5	A	NONE
AC42940-011	02/25/09 17:01	R12	6	A	NONE
AC42940-011	02/25/09 17:01	R12	7	A	NONE
AC42940-011	02/27/09 09:06	MSL	7	A	BN
AC42940-011	02/25/09 17:01	R12	8	A	NONE
AC42940-011	02/27/09 07:33	OA	8	M	TDWI/HG

Samples marked as received are stored in coolers or refrigerator R12, R3, or R24 at 4 deg C until Login

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC42940-011	02/27/09 10:52	R12	8	A	NONE
AC42940-011	02/25/09 17:01	R12	9	A	NONE
AC42940-011	03/01/09 10:13	HS	9	A	cn-s
AC42940-011	03/01/09 10:31	HS	9	A	cn-w
AC42940-011	03/01/09 14:35	R12	9	A	NONE
AC42940-012	02/25/09 14:52	RICAR	0	M	Received
AC42940-012	02/25/09 16:36	RICAR	0	M	Login
AC42940-012	02/25/09 16:54	R12	1	A	NONE
AC42940-012	02/26/09 10:19	OA	1	A	FILTER
AC42940-012	02/26/09 12:16	R12	1	A	NONE
AC42940-012	02/27/09 07:33	OA	1	M	TDWI/HG
AC42940-012	02/27/09 10:52	R12	1	A	NONE
AC42940-013	02/25/09 14:52	RICAR	0	M	Received
AC42940-013	02/25/09 16:36	RICAR	0	M	Login
AC42940-013	02/26/09 07:48	R22	2	A	NONE
AC42940-013	02/27/09 09:46	SG	2	A	voa
AC42940-013	02/26/09 07:48	R22	3	A	NONE
AC42940-013	02/26/09 12:11	SG	3	A	voa
AC42940-013	02/25/09 17:01	R12	4	A	NONE
AC42940-013	02/26/09 15:35	KALPE	4	A	A-P/P
AC42940-013	02/25/09 17:01	R12	5	A	NONE
AC42940-013	02/26/09 17:12	KALPE	5	A	A-P/P
AC42940-013	02/26/09 19:00	R12	5	A	NONE
AC42940-013	02/25/09 17:01	R12	6	A	NONE
AC42940-013	02/25/09 17:01	R12	7	A	NONE
AC42940-013	02/27/09 09:06	MSL	7	A	BN
AC42940-013	02/25/09 17:01	R12	8	A	NONE
AC42940-013	02/27/09 07:33	OA	8	M	TDWI/HG
AC42940-013	02/27/09 10:52	R12	8	A	NONE
AC42940-013	02/25/09 17:01	R12	9	A	NONE
AC42940-013	03/01/09 10:13	HS	9	A	cn-s
AC42940-013	03/01/09 10:31	HS	9	A	cn-w
AC42940-013	03/01/09 14:35	R12	9	A	NONE
AC42940-014	02/25/09 14:52	RICAR	0	M	Received
AC42940-014	02/25/09 16:36	RICAR	0	M	Login
AC42940-014	02/25/09 16:54	R12	1	A	NONE
AC42940-014	02/26/09 10:19	OA	1	A	FILTER
AC42940-014	02/26/09 12:16	R12	1	A	NONE
AC42940-014	02/27/09 07:33	OA	1	M	TDWI/HG
AC42940-014	02/27/09 10:52	R12	1	A	NONE
AC42940-015	02/25/09 14:52	RICAR	0	M	Received
AC42940-015	02/25/09 16:36	RICAR	0	M	Login
AC42940-015	02/26/09 07:48	R22	2	A	NONE
AC42940-015	02/26/09 07:48	R22	3	A	NONE
AC42940-015	02/25/09 17:01	R12	4	A	NONE
AC42940-015	03/02/09 16:57	NEHA	4	A	A-BNA
AC42940-015	03/02/09 16:59	NEHA	4	A	A-P/P
AC42940-015	02/25/09 17:01	R12	5	A	NONE
AC42940-015	02/25/09 17:01	R12	6	A	NONE
AC42940-015	02/25/09 17:01	R12	7	A	NONE
AC42940-015	03/01/09 06:34	ABM	7	A	BNA-AQ
AC42940-015	02/25/09 17:01	R12	8	A	NONE
AC42940-015	02/25/09 17:01	R12	9	A	NONE
AC42940-016	02/25/09 14:52	RICAR	0	M	Received
AC42940-016	02/25/09 16:36	RICAR	0	M	Login
AC42940-016	02/25/09 16:54	R12	1	A	NONE
AC42940-017	02/25/09 14:52	RICAR	0	M	Received
AC42940-017	02/25/09 16:36	RICAR	0	M	Login
AC42940-017	02/26/09 07:48	R22	2	A	NONE
AC42940-017	02/26/09 07:48	R22	3	A	NONE
AC42940-017	02/25/09 17:01	R12	4	A	NONE
AC42940-017	02/25/09 17:01	R12	5	A	NONE
AC42940-017	03/01/09 06:34	ABM	5	A	BNA-AQ
AC42940-017	02/25/09 17:01	R12	6	A	NONE
AC42940-017	03/02/09 16:57	NEHA	6	A	A-BNA
AC42940-017	03/02/09 16:59	NEHA	6	A	A-P/P
AC42940-017	02/25/09 17:01	R12	7	A	NONE
AC42940-017	02/25/09 17:01	R12	8	A	NONE
AC42940-017	02/25/09 17:01	R12	9	A	NONE
AC42940-018	02/25/09 14:52	RICAR	0	M	Received
AC42940-018	02/25/09 16:36	RICAR	0	M	Login
AC42940-018	02/25/09 16:54	R12	1	A	NONE
AC42940-019	02/25/09 14:52	RICAR	0	M	Received
AC42940-019	02/25/09 16:36	RICAR	0	M	Login
AC42940-019	02/26/09 07:48	R22	2	A	NONE
AC42940-019	02/26/09 07:48	R22	3	A	NONE
AC42940-019	02/25/09 17:01	R12	4	A	NONE
AC42940-019	02/25/09 17:01	R12	5	A	NONE
AC42940-019	02/25/09 17:01	R12	6	A	NONE
AC42940-019	03/01/09 06:34	ABM	6	A	BNA-AQ
AC42940-019	02/25/09 17:01	R12	7	A	NONE
AC42940-019	03/02/09 16:57	NEHA	7	A	A-BNA
AC42940-019	03/02/09 16:59	NEHA	7	A	A-P/P
AC42940-019	02/25/09 17:01	R12	8	A	NONE
AC42940-019	02/25/09 17:01	R12	9	A	NONE
AC42940-020	02/25/09 14:52	RICAR	0	M	Received
AC42940-020	02/25/09 16:36	RICAR	0	M	Login
AC42940-020	02/25/09 16:54	R12	1	A	NONE
AC42940-021	02/25/09 14:52	RICAR	0	M	Received
AC42940-021	02/25/09 16:36	RICAR	0	M	Login
AC42940-021	02/26/09 07:48	R22	2	A	NONE
AC42940-021	02/26/09 07:48	R22	3	A	NONE
AC42940-021	02/25/09 17:01	R12	4	A	NONE
AC42940-021	03/02/09 16:57	NEHA	4	A	A-BNA
AC42940-021	03/02/09 16:59	NEHA	4	A	A-P/P
AC42940-021	02/25/09 17:01	R12	5	A	NONE
AC42940-021	03/01/09 06:34	ABM	5	A	BNA-AQ
AC42940-021	02/25/09 17:01	R12	6	A	NONE
AC42940-021	02/25/09 17:01	R12	7	A	NONE
AC42940-021	02/25/09 17:01	R12	8	A	NONE
AC42940-021	02/25/09 17:01	R12	9	A	NONE
AC42940-022	02/25/09 14:52	RICAR	0	M	Received
AC42940-022	02/25/09 16:36	RICAR	0	M	Login
AC42940-022	02/25/09 16:54	R12	1	A	NONE
AC42940-023	02/25/09 14:52	RICAR	0	M	Received
AC42940-023	02/25/09 16:36	RICAR	0	M	Login
AC42940-023	02/26/09 07:48	R22	2	A	NONE
AC42940-023	03/06/09 16:38	WP	2	A	voa
AC42940-023	02/26/09 07:48	R22	3	A	NONE
AC42940-023	02/25/09 17:01	R12	4	A	NONE
AC42940-023	03/01/09 06:34	ABM	4	A	BNA-AQ
AC42940-023	02/25/09 17:01	R12	5	A	NONE
AC42940-023	03/02/09 16:57	NEHA	5	A	A-BNA
AC42940-023	03/02/09 16:59	NEHA	5	A	A-P/P
AC42940-023	02/25/09 17:01	R12	6	A	NONE
AC42940-023	02/25/09 17:01	R12	7	A	NONE
AC42940-023	02/25/09 17:01	R12	8	A	NONE
AC42940-023	02/25/09 17:01	R12	9	A	NONE
AC42940-024	02/25/09 14:52	RICAR	0	M	Received
AC42940-024	02/25/09 16:36	RICAR	0	M	Login
AC42940-024	02/25/09 16:54	R12	1	A	NONE
AC42940-025	02/25/09 14:52	RICAR	0	M	Received
AC42940-025	02/25/09 16:36	RICAR	0	M	Login
AC42940-025	02/26/09 07:48	R22	2	A	NONE
AC42940-025	02/26/09 07:48	R22	3	A	NONE
AC42940-025	02/25/09 17:01	R12	4	A	NONE
AC42940-025	03/01/09 06:34	ABM	4	A	BNA-AQ
AC42940-025	02/25/09 17:01	R12	5	A	NONE
AC42940-025	02/25/09 17:01	R12	6	A	NONE
AC42940-025	02/25/09 17:01	R12	7	A	NONE
AC42940-025	03/02/09 16:57	NEHA	7	A	A-BNA
AC42940-025	03/02/09 16:59	NEHA	7	A	A-P/P
AC42940-025	02/25/09 17:01	R12	8	A	NONE
AC42940-025	02/25/09 17:01	R12	9	A	NONE
AC42940-026	02/25/09 14:52	RICAR	0	M	Received
AC42940-026	02/25/09 16:36	RICAR	0	M	Login
AC42940-026	02/25/09 16:54	R12	1	A	NONE
AC42940-027	02/25/09 14:52	RICAR	0	M	Received
AC42940-027	02/25/09 16:36	RICAR	0	M	Login
AC42940-027	02/26/09 07:48	R22	2	A	NONE
AC42940-027	02/26/09 07:48	R22	3	A	NONE
AC42940-027	02/25/09 17:01	R12	4	A	NONE
AC42940-027	03/01/09 06:34	ABM	4	A	BNA-AQ
AC42940-027	02/25/09 17:01	R12	5	A	NONE
AC42940-027	03/02/09 16:57	NEHA	5	A	A-BNA
AC42940-027	03/02/09 16:59	NEHA	5	A	A-P/P
AC42940-027	03/02/09 22:32	R12	5	A	NONE
AC42940-027	02/25/09 17:01	R12	6	A	NONE
AC42940-027	03/02/09 17:04	NEHA	6	A	A-P/P
AC42940-027	02/25/09 17:01	R12	7	A	NONE

Samples marked as received are stored in coolers or refrigerator R12, R3, or R24 at 4 deg C until Login

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC42940-027	02/25/09 17:01	R12	8	A	NONE
AC42940-027	02/25/09 17:01	R12	9	A	NONE
AC42940-028	02/25/09 14:52	RICAR	0	M	Received
AC42940-028	02/25/09 16:36	RICAR	0	M	Login
AC42940-028	02/25/09 16:54	R12	1	A	NONE
AC42940-029	02/25/09 14:52	RICAR	0	M	Received
AC42940-029	02/25/09 16:36	RICAR	0	M	Login
AC42940-029	02/26/09 07:48	R22	2	A	NONE
AC42940-029	02/27/09 09:46	SG	2	A	voa
AC42940-029	02/26/09 07:48	R22	3	A	NONE
AC42940-029	02/26/09 12:11	SG	3	A	voa
AC42940-029	02/25/09 17:01	R12	4	A	NONE
AC42940-029	02/26/09 15:35	KALPE	4	A	A-P/P
AC42940-029	02/25/09 17:01	R12	5	A	NONE
AC42940-029	02/26/09 17:12	KALPE	5	A	A-P/P
AC42940-029	02/26/09 19:00	R12	5	A	NONE
AC42940-029	02/25/09 17:01	R12	6	A	NONE
AC42940-029	02/27/09 09:06	MSL	6	A	BN
AC42940-029	02/25/09 17:01	R12	7	A	NONE
AC42940-029	02/25/09 17:01	R12	8	A	NONE
AC42940-029	02/27/09 07:33	OA	8	M	TDWI/HG
AC42940-029	02/27/09 10:52	R12	8	A	NONE
AC42940-029	02/25/09 17:01	R12	9	A	NONE
AC42940-029	03/01/09 10:13	HS	9	A	cn-s
AC42940-029	03/01/09 10:31	HS	9	A	cn-w
AC42940-029	03/01/09 14:35	R12	9	A	NONE
AC42940-030	02/25/09 14:52	RICAR	0	M	Received
AC42940-030	02/25/09 16:36	RICAR	0	M	Login
AC42940-030	02/25/09 16:54	R12	1	A	NONE
AC42940-030	02/26/09 10:19	OA	1	A	FILTER
AC42940-030	02/26/09 12:16	R12	1	A	NONE
AC42940-030	02/27/09 07:33	OA	1	M	TDWI/HG
AC42940-030	02/27/09 10:52	R12	1	A	NONE
AC42940-031	02/25/09 14:52	RICAR	0	M	Received
AC42940-031	02/25/09 16:36	RICAR	0	M	Login
AC42940-031	02/26/09 07:48	R22	2	A	NONE
AC42940-031	02/27/09 09:46	SG	2	A	voa
AC42940-031	02/26/09 07:48	R22	3	A	NONE
AC42940-031	02/26/09 12:11	SG	3	A	voa

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Samples marked as received are stored in coolers or refrigerator R12, R3, or R24 at 4 deg C until Login

GC/MS Volatile Data

GC/MS Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 624

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
3M59831.D	DAILY BLANK	Aqueous	02/25/09 07:47	1		96	99	97	96		
3M59945.D	DAILY BLANK	Aqueous	02/27/09 07:58	1		97	100	113	93		
3M59956.D	AC42940-001	Aqueous	02/27/09 11:08	1		105	95	98	90		
3M59950.D	AC42940-003	Aqueous	02/27/09 09:26	1		103	100	102	107		
3M59958.D	AC42940-005	Aqueous	02/27/09 11:42	1		107	101	98	90		
3M59959.D	AC42940-007	Aqueous	02/27/09 11:59	1		110	99	100	94		
3M59951.D	AC42940-009	Aqueous	02/27/09 09:43	1		110	99	100	93		
3M59957.D	AC42940-011	Aqueous	02/27/09 11:25	1		108	95	100	92		
3M59960.D	AC42940-013	Aqueous	02/27/09 12:16	1		110	100	100	88		
3M59953.D	AC42940-029	Aqueous	02/27/09 10:17	1		118	108	103	92		
3M59952.D	AC42940-031	Aqueous	02/27/09 10:00	1		119	101	100	94		
3M59846.D	AC42901-001	Aqueous	02/25/09 12:18	1		99	100	99	95		
3M59947.D	MBS11412	Aqueous	02/27/09 08:33	1		98	105	101	93		
3M59971.D	AC42901-001(	Aqueous	02/27/09 15:33	1		103	100	103	90		
3M59982.D	AC42901-001(	Aqueous	02/27/09 18:59	1		96	96	102	90		

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 624

Aqueous Limits

Compound	Spike Amt	Limits
S1=Dibromofluoromethane	30	74-137
S2=1,2-Dichloroethane-d4	30	78-128
S3=Toluene-d8	30	74-114
S4=Bromofluorobenzene	30	83-115

FORM2

Surrogate Recovery

Method: EPA 624

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
6M38742.D	DAILY BLANK	Aqueous	03/04/09 13:59	1		105	103	93	97		
6M38828.D	DAILY BLANK	Aqueous	03/06/09 08:10	1		94	93	96	100		
6M38881.D	AC42940-023	Aqueous	03/06/09 22:55	1		99	100	94	103		
6M38767.D	AC43033-001	Aqueous	03/04/09 20:32	1		92	94	95	105		
6M38834.D	MBS11480	Aqueous	03/06/09 09:50	1		87	92	101	104		
6M38863.D	AC43033-001(	Aqueous	03/06/09 18:12	1		92	88	99	102		
6M38864.D	AC43033-001(	Aqueous	03/06/09 18:27	1		89	89	99	101		
6M38868.D	MBS11487	Aqueous	03/06/09 19:30	1		93	93	102	98		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 624

Aqueous Limits

Compound	Spike Amt	Limits
S1=Dibromofluoromethane	30	74-137
S2=1,2-Dichloroethane-d4	30	78-128
S3=Toluene-d8	30	74-114
S4=Bromofluorobenzene	30	83-115

FORM 3

Spike Recovery

Batch Number: MBS11412
Mbs Name: MBS11412
Ns Name: AC42901-001
Ms Name: AC42901-001(MS)
Msd Name: AC42901-001(MSD

Mbs File: 3M59947.D
Non Spk'd File: 3M59846.D
Spike File: 3M59971.D
Spike Dup File: 3M59982.D
Matrix: Aqueous
Method: EPA 624

Mbs Date: 02/27/09 08:33
Non Spk'd Date: 02/25/09 12:18
Spike Date : 02/27/09 15:33
Spike Dup Date: 02/27/09 18:59

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Chloromethane	4	1	0	20	1	273	66	19.72	0.00	23.98	17.00	99	120	85	34
Bromomethane	5	1	0	20	1	242	42	21.36	0.00	23.87	14.62	107	119	73	48Rp
Vinyl Chloride	6	1	0	20	1	251	30	14.95	0.00	18.78	11.75	75	94	59	46Rp
Chloroethane	7	1	0	20	14	230	50	21.08	0.00	29.67	18.00	105	148	90	49
Trichlorofluoromethan	8	1	0	20	17	181	41	17.65	0.00	36.53	25.78	88	183 Mo	129	35
Methylene Chloride	10	1	0	20	1	221	38	18.41	0.00	20.20	17.46	92	101	87	15
1,1-Dichloroethene	19	1	0	20	1	234	34	15.95	0.00	16.96	12.58	80	85	63	30
1,1-Dichloroethane	22	1	0	20	59	155	30	16.93	0.00	17.88	14.01	85	89	70	24
trans-1,2-Dichloroeth	23	1	0	20	54	156	48	19.46	0.00	20.96	16.12	97	105	81	26
Chloroform	29	1	0	20	51	138	37	17.91	0.00	19.13	15.92	90	96	80	18
1,2-Dichloroethane	33	1	0	20	49	155	34	18.74	0.00	19.62	17.35	94	98	87	12
1,1,1-Trichloroethane	35	1	0	20	52	162	33	18.08	0.00	19.93	13.58	90	100	68	38Rp
Carbon Tetrachloride	36	1	0	20	70	140	32	24.05	0.00	26.48	18.36	120	132	92	36Rp
Bromodichloromethan	38	1	0	20	35	155	30	17.18	0.00	18.79	13.93	86	94	70	30
1,2-Dichloropropane	41	1	0	20	1	210	30	16.85	0.00	16.45	15.33	84	82	77	7
Trichloroethene	42	1	0	20	71	157	30	17.62	0.00	17.93	14.14	88	90	71	24
Benzene	43	1	0	20	37	151	29	19.28	0.00	19.49	17.20	96	97	86	12
Dibromochloromethan	46	1	0	20	53	149	30	14.00	0.00	15.67	11.09	70	78	55	34Rp
2-Chloroethylvinylethe	47	1	0	20	1	305	40	10.04	0.00	9.79	8.60	50	49	43	13
cis-1,3-Dichloroprope	48	1	0	20	1	227	34	13.09	0.00	14.27	10.13	65	71	51	34
trans-1,3-Dichloropro	49	1	0	20	17	183	31	11.54	0.00	12.95	8.38	58	65	42	43Rp
1,1,2-Trichloroethane	50	1	0	20	52	150	37	18.00	0.00	18.85	16.54	90	94	83	13
Tetrachloroethene	55	1	0	20	64	148	27	18.28	0.00	18.04	15.12	91	90	76	18
Toluene	57	1	0	20	47	150	33	20.30	0.00	21.12	17.60	101	106	88	18
Chlorobenzene	59	1	0	20	37	160	30	18.67	0.00	19.03	16.49	93	95	82	14
Bromoform	61	1	0	20	45	169	30	14.95	0.00	16.31	12.21	75	82	61	29
Ethylbenzene	62	1	0	20	37	162	41	22.64	0.00	23.28	15.93	113	116	80	37
1,1,2,2-Tetrachloroeth	63	1	0	20	46	157	29	17.86	0.00	19.10	16.10	89	96	81	17
1,3-Dichlorobenzene	69	1	0	20	59	156	30	19.25	0.00	18.51	16.36	96	93	82	12
1,4-Dichlorobenzene	70	1	0	20	18	190	30	18.30	0.00	17.79	15.59	91	89	78	13
1,2-Dichlorobenzene	71	1	0	20	18	190	34	18.35	0.00	17.69	16.07	92	88	80	9.6

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Form3

MBS Data

Method: 624

Data File:====>					6M38834.D														
Data/Batch/Sample ID:====>					MBS11480-Aq														
Date/Time:====>					03/06/09 09:50														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1,1-Trichloroethan		52-162	1	0	17.07	20	85												
1,1,2,2-Tetrachloroe		46-157	1	0	16.94	20	85												
1,1,2-Trichloroethan		52-150	1	0	19.91	20	100												
1,1-Dichloroethane		59-155	1	0	15.56	20	78												
1,1-Dichloroethene		1-234	1	0	14.31	20	72												
1,2-Dichlorobenzen		18-190	1	0	16.73	20	84												
1,2-Dichloroethane		49-155	1	0	17.78	20	89												
1,2-Dichloropropane		1-210	1	0	21.93	20	110												
1,3-Dichlorobenzen		59-156	1	0	17.77	20	89												
1,4-Dichlorobenzen		18-190	1	0	17.15	20	86												
2-Chloroethylvinylet		1-305	1	0	18.15	20	91												
Benzene		37-151	1	0	22.12	20	111												
Bromodichlorometh		35-155	1	0	15.53	20	78												
Bromoform		45-169	1	0	14.39	20	72												
Bromomethane		1-242	1	0	16.19	20	81												
Carbon Tetrachlorid		70-140	1	0	16.63	20	83												
Chlorobenzene		37-160	1	0	18.51	20	93												
Chloroethane		14-230	1	0	20.3	20	101												
Chloroform		51-138	1	0	17.35	20	87												
Chloromethane		1-273	1	0	36.94	20	185												
cis-1,3-Dichloroprop		1-227	1	0	15.11	20	76												
Dibromochlorometh		53-149	1	0	15.08	20	75												
Ethylbenzene		37-162	1	0	20.25	20	101												
Methylene Chloride		1-221	1	0	14.02	20	70												
Tetrachloroethene		64-148	1	0	18.81	20	94												
Toluene		47-150	1	0	20.11	20	101												
trans-1,2-Dichloroet		54-156	1	0	15.39	20	77												
trans-1,3-Dichloropr		17-183	1	0	13.77	20	69												
Trichloroethene		71-157	1	0	19.59	20	98												
Trichlorofluorometh		17-181	1	0	15.57	20	78												
Vinyl Chloride		1-251	1	0	19.89	20	99												

Flags/Notes:

**** - Values outside of limits for this column/run***

FORM 3

Spike Recovery

Batch Number: MBS11487
Mbs Name: MBS11487
Ns Name: AC43033-001
Ms Name: AC43033-001(MS)
Msd Name: AC43033-001(MSD

Mbs File: 6M38868.D
Non Spk'd File: 6M38767.D
Spike File: 6M38863.D
Spike Dup File: 6M38864.D
Matrix: Aqueous
Method: EPA 624

Mbs Date: 03/06/09 19:30
Non Spk'd Date: 03/04/09 20:32
Spike Date : 03/06/09 18:12
Spike Dup Date: 03/06/09 18:27

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Chloromethane	4	1	0	20	1	273	66	33.31	0.00	32.61	30.58	167	163	153	6.4
Bromomethane	5	1	0	20	1	242	42	16.86	0.00	15.14	15.09	84	76	75	0.33
Vinyl Chloride	6	1	0	20	1	251	30	19.93	0.00	18.35	18.40	100	92	92	0.27
Chloroethane	7	1	0	20	14	230	50	20.18	0.00	18.53	19.29	101	93	96	4
Trichlorofluoromethan	8	1	0	20	17	181	41	16.94	0.00	15.51	16.14	85	78	81	4
Methylene Chloride	10	1	0	20	1	221	38	14.98	0.00	12.63	13.31	75	63	67	5.2
1,1-Dichloroethene	19	1	0	20	1	234	34	12.68	0.00	12.94	11.82	63	65	59	9
1,1-Dichloroethane	22	1	0	20	59	155	30	15.57	0.00	14.00	13.90	78	70	69	0.72
trans-1,2-Dichloroeth	23	1	0	20	54	156	48	16.90	0.00	13.91	13.58	84	70	68	2.4
Chloroform	29	1	0	20	51	138	37	16.03	0.00	15.41	14.60	80	77	73	5.4
1,2-Dichloroethane	33	1	0	20	49	155	34	16.49	0.00	14.63	14.58	82	73	73	0.34
1,1,1-Trichloroethane	35	1	0	20	52	162	33	16.43	0.00	15.80	15.37	82	79	77	2.8
Carbon Tetrachloride	36	1	0	20	70	140	32	16.71	0.00	14.93	14.42	84	75	72	3.5
Bromodichloromethan	38	1	0	20	35	155	30	13.82	0.00	13.31	12.96	69	67	65	2.7
1,2-Dichloropropane	41	1	0	20	1	210	30	18.98	0.00	17.95	17.07	95	90	85	5
Trichloroethene	42	1	0	20	71	157	30	17.77	0.00	16.16	16.03	89	81	80	0.81
Benzene	43	1	0	20	37	151	29	19.00	0.00	19.23	18.16	95	96	91	5.7
Dibromochloromethan	46	1	0	20	53	149	30	14.50	0.00	13.70	13.13	73	69	66	4.2
2-Chloroethylvinylethe	47	1	0	20	1	305	40	12.77	0.00	13.98	12.49	64	70	62	11
cis-1,3-Dichloroprope	48	1	0	20	1	227	34	13.10	0.00	12.33	11.95	66	62	60	3.1
trans-1,3-Dichloropro	49	1	0	20	17	183	31	12.02	0.00	11.18	10.85	60	56	54	3
1,1,2-Trichloroethane	50	1	0	20	52	150	37	16.41	0.00	15.28	14.98	82	76	75	2
Tetrachloroethene	55	1	0	20	64	148	27	19.43	0.00	17.54	16.92	97	88	85	3.6
Toluene	57	1	0	20	47	150	33	19.04	0.00	17.38	16.75	95	87	84	3.7
Chlorobenzene	59	1	0	20	37	160	30	17.60	0.00	17.39	16.77	88	87	84	3.6
Bromoform	61	1	0	20	45	169	30	13.93	0.00	13.03	13.39	70	65	67	2.7
Ethylbenzene	62	1	0	20	37	162	41	15.68	0.00	16.37	16.52	78	82	83	0.91
1,1,2,2-Tetrachloroeth	63	1	0	20	46	157	29	13.94	0.00	14.50	14.64	70	73	73	0.96
1,3-Dichlorobenzene	69	1	0	20	59	156	30	16.94	0.00	15.91	15.98	85	80	80	0.44
1,4-Dichlorobenzene	70	1	0	20	18	190	30	16.26	0.00	15.38	15.64	81	77	78	1.7
1,2-Dichlorobenzene	71	1	0	20	18	190	34	16.17	0.00	15.30	15.44	81	76	77	0.91

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4

Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M59831.D
Matrix: Aqueous

Blank Analysis Date: 02/25/09 07:47
Blank Extraction Date: NA
(If Applicable)
Method: EPA 624

Sample Number	Data File	Analysis Date
AC42901-001	3M59846.D	02/25/09 12:18

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M59945.D
Matrix: Aqueous

Blank Analysis Date: 02/27/09 07:58
Blank Extraction Date: NA
(If Applicable)
Method: EPA 624

Sample Number	Data File	Analysis Date
AC42940-001	3M59956.D	02/27/09 11:08
AC42940-003	3M59950.D	02/27/09 09:26
AC42940-005	3M59958.D	02/27/09 11:42
AC42940-007	3M59959.D	02/27/09 11:59
AC42940-009	3M59951.D	02/27/09 09:43
AC42940-011	3M59957.D	02/27/09 11:25
AC42940-013	3M59960.D	02/27/09 12:16
AC42940-029	3M59953.D	02/27/09 10:17
AC42940-031	3M59952.D	02/27/09 10:00
AC42901-001(MSD	3M59982.D	02/27/09 18:59
AC42901-001(MS)	3M59971.D	02/27/09 15:33
MBS11412	3M59947.D	02/27/09 08:33

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M38742.D
Matrix: Aqueous

Blank Analysis Date: 03/04/09 13:59
Blank Extraction Date: NA
(If Applicable)
Method: EPA 624

Sample Number	Data File	Analysis Date
AC43033-001	6M38767.D	03/04/09 20:32

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M38828.D
Matrix: Aqueous

Blank Analysis Date: 03/06/09 08:10
Blank Extraction Date: NA
(If Applicable)
Method: EPA 624

Sample Number	Data File	Analysis Date
AC42940-023	6M38881.D	03/06/09 22:55
AC43033-001(MSD	6M38864.D	03/06/09 18:27
AC43033-001(MS)	6M38863.D	03/06/09 18:12
MBS11487	6M38868.D	03/06/09 19:30
MBS11480	6M38834.D	03/06/09 09:50

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58969.D
Analysis Date: 02/04/09 11:28
Method: EPA 624

Tune Scan/Time Range: Scan 39

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	26.1	12022	PASS
75	95	30	60	50.4	23208	PASS
95	95	100	100	100.0	46024	PASS
96	95	5	9	6.5	2979	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.2	37384	PASS
175	174	5	9	7.0	2604	PASS
176	174	95	101	95.9	35864	PASS
177	176	5	9	6.5	2322	PASS

Data File	Sample Number	Analysis Date:
3M58970.D	CAL @ 1 PPB	02/04/09 11:40
3M58971.D	CAL @ 0.5 PPB	02/04/09 12:00
3M58972.D	CAL @ 5 PPB	02/04/09 12:18
3M58973.D	CAL @ 500 PPB	02/04/09 12:35
3M58974.D	CAL @ 250 PPB	02/04/09 12:52
3M58975.D	CAL @ 100 PPB	02/04/09 13:09
3M58976.D	CAL @ 50 PPB	02/04/09 13:26
3M58977.D	CAL @ 20 PPB	02/04/09 13:43
3M58978.D	CAL @ 10 PPB	02/04/09 14:00
3M58979.D	ICV	02/04/09 14:17
3M58980.D	BLKJUG#1	02/04/09 14:34
3M58981.D	DAILY BLANK	02/04/09 14:51
3M58982.D	AC42412-013	02/04/09 15:08
3M58983.D	AC42412-012(10X)	02/04/09 15:25
3M58984.D	MBS11168	02/04/09 15:42
3M58985.D	BLK	02/04/09 15:59
3M58986.D	AC42381-004	02/04/09 16:16
3M58987.D	AC42357-005	02/04/09 16:33
3M58988.D	AC42357-007	02/04/09 16:51
3M58989.D	AC42357-012(10X)	02/04/09 17:08
3M58990.D	AC42357-011	02/04/09 17:25
3M58991.D	MBS11170	02/04/09 17:42
3M58992.D	BLK	02/04/09 17:59
3M58993.D	MDL @ 1 PPB	02/04/09 18:16
3M58994.D	MDL @ 1 PPB	02/04/09 18:32
3M58995.D	MDL @ 1 PPB	02/04/09 18:49
3M58996.D	MDL @ 1 PPB	02/04/09 19:06
3M58997.D	MDL @ 1 PPB	02/04/09 19:23
3M58998.D	MDL @ 1 PPB	02/04/09 19:40
3M58999.D	MDL @ 1 PPB	02/04/09 19:57
3M59000.D	1 PPB	02/04/09 20:14
3M59001.D	VER @ 1 PPB	02/04/09 20:31
3M59002.D	1 PPB	02/04/09 20:48
3M59003.D	AC42513-012	02/04/09 21:05
3M59004.D	AC42510-002	02/04/09 21:21
3M59005.D	AC42510-003	02/04/09 21:38
3M59006.D	AC42515-003	02/04/09 21:55
3M59007.D	AC42510-001	02/04/09 22:12
3M59008.D	AC42515-001	02/04/09 22:29
3M59009.D	AC42315-001(T:M	02/04/09 22:46
3M59010.D	AC42315-001(T:M	02/04/09 23:03
3M59011.D	BLK	02/04/09 23:20
3M59012.D	BLK	02/04/09 23:37
3M59013.D	BLK	02/04/09 23:54
3M59014.D	MBS11171	02/05/09 00:10
3M59015.D	MBS11172	02/05/09 00:27
3M59016.D	BLK	02/05/09 00:44
3M59017.D	AC42351-004	02/05/09 01:01
3M59018.D	AC42381-003	02/05/09 01:18
3M59019.D	AC42432-002	02/05/09 01:35
3M59020.D	AC42450-007	02/05/09 01:52
3M59021.D	BLK	02/05/09 02:09
3M59022.D	AC42362-011	02/05/09 02:25
3M59023.D	AC42362-010	02/05/09 02:43
3M59024.D	AC42382-001	02/05/09 03:00
3M59025.D	AC42390-001	02/05/09 03:17
3M59026.D	AC42432-001	02/05/09 03:34
3M59027.D	AC42410-005	02/05/09 03:50
3M59028.D	AC42414-004	02/05/09 04:07
3M59029.D	AC42414-006	02/05/09 04:24
3M59030.D	AC42410-001	02/05/09 04:41
3M59031.D	AC42410-002	02/05/09 04:58
3M59032.D	AC42410-003	02/05/09 05:15
3M59033.D	AC42410-004	02/05/09 05:32
3M59034.D	AC42414-002	02/05/09 05:49

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58969.D
Analysis Date: 02/04/09 11:28
Method: EPA 624

Tune Scan/Time Range: Scan 39

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	26.1	12022	PASS
75	95	30	60	50.4	23208	PASS
95	95	100	100	100.0	46024	PASS
96	95	5	9	6.5	2979	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.2	37384	PASS
175	174	5	9	7.0	2604	PASS
176	174	95	101	95.9	35864	PASS
177	176	5	9	6.5	2322	PASS

3M59035.D	AC42414-003(10X)	02/05/09 06:09
3M59036.D	AC42381-002(10X)	02/05/09 06:30
3M59037.D	AC42356-003(10X)	02/05/09 06:52

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 6
Data File: 6M38725.D
Analysis Date: 03/04/09 09:36
Method: EPA 624

Tune Scan/Time Range: Scan 42

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	19.5	3394	PASS
75	95	30	60	48.7	8499	PASS
95	95	100	100	100.0	17440	PASS
96	95	5	9	8.6	1501	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	87.2	15200	PASS
175	174	5	9	8.1	1238	PASS
176	174	95	101	96.6	14676	PASS
177	176	5	9	7.4	1091	PASS

Data File	Sample Number	Analysis Date:
6M38726.D	BLK	03/04/09 09:46
6M38727.D	PREP BLK	03/04/09 10:02
6M38728.D	CAL @ 1 PPB	03/04/09 10:17
6M38729.D	CAL @ 0.5 PPB	03/04/09 10:34
6M38730.D	CAL @ 5 PPB	03/04/09 10:49
6M38731.D	CAL @ 500 PPB	03/04/09 11:05
6M38732.D	CAL @ 250 PPB	03/04/09 11:21
6M38733.D	CAL @ 100 PPB	03/04/09 11:37
6M38734.D	CAL @ 50 PPB	03/04/09 11:52
6M38735.D	CAL @ 20 PPB	03/04/09 12:08
6M38736.D	CAL @ 10 PPB	03/04/09 12:24
6M38737.D	BLKJUG#2	03/04/09 12:40
6M38738.D	ICV	03/04/09 12:56
6M38739.D	BLK	03/04/09 13:11
6M38740.D	BLK	03/04/09 13:27
6M38741.D	DAILY BLANK	03/04/09 13:43
6M38742.D	DAILY BLANK	03/04/09 13:59
6M38743.D	MBS11457	03/04/09 14:14
6M38744.D	MBS11458	03/04/09 14:30
6M38745.D	BLK	03/04/09 14:46
6M38746.D	AC43049-001	03/04/09 15:02
6M38747.D	AC43049-002	03/04/09 15:18
6M38748.D	AC43049-003	03/04/09 15:33
6M38749.D	AC43049-004	03/04/09 15:49
6M38750.D	AC43049-005	03/04/09 16:05
6M38751.D	AC43049-006	03/04/09 16:20
6M38752.D	AC43049-007	03/04/09 16:36
6M38753.D	AC43049-008	03/04/09 16:52
6M38754.D	AC43049-009	03/04/09 17:08
6M38755.D	AC43049-010	03/04/09 17:24
6M38756.D	AC43049-011	03/04/09 17:39
6M38757.D	AC43049-012	03/04/09 17:55
6M38758.D	AC43049-013	03/04/09 18:11
6M38759.D	AC43049-014	03/04/09 18:26
6M38760.D	AC43049-001(MS)	03/04/09 18:42
6M38761.D	AC43049-001(MSD	03/04/09 18:58
6M38762.D	BLK	03/04/09 19:14
6M38763.D	AC43040-005	03/04/09 19:29
6M38764.D	AC43041-001	03/04/09 19:45
6M38765.D	AC43040-001	03/04/09 20:01
6M38766.D	AC43040-003	03/04/09 20:17
6M38767.D	AC43033-001	03/04/09 20:32
6M38768.D	AC43036-007	03/04/09 20:48
6M38769.D	AC43041-004(10X)	03/04/09 21:07
6M38770.D	AC43041-002(10X)	03/04/09 21:27
6M38771.D	AC43041-003(10X)	03/04/09 21:47
6M38772.D	BLK	03/04/09 22:04
6M38773.D	AC42925-016(MS)	03/04/09 22:20
6M38774.D	AC42925-016(MSD	03/04/09 22:36
6M38775.D	BLK	03/04/09 22:51
6M38776.D	BLK	03/04/09 23:07
6M38777.D	BLK	03/04/09 23:23
6M38778.D	BLK	03/04/09 23:38
6M38779.D	BLK	03/04/09 23:54

Form 5

Tune Name: BFB TUNE **Data File:** 3M59827.D
Instrument: GCMS 3 **Analysis Date:** 02/25/09 06:38
Method: EPA 624
Tune Scan/Time Range: Average of 4.415 to 4.484 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.0	12069	PASS
75	95	30	60	50.5	25457	PASS
95	95	100	100	100.0	50378	PASS
96	95	5	9	6.9	3462	PASS
173	174	0.00	2	0.2	70	PASS
174	95	50	100	87.0	43850	PASS
175	174	5	9	7.3	3188	PASS
176	174	95	101	96.3	42243	PASS
177	176	5	9	6.7	2813	PASS

Data File	Sample Number	Analysis Date:
3M59828.D	CAL @ 20 PPB	02/25/09 06:47
3M59829.D	BLK	02/25/09 07:13
3M59830.D	DAILY BLANK	02/25/09 07:30
3M59831.D	DAILY BLANK	02/25/09 07:47
3M59832.D	MBS11387	02/25/09 08:04
3M59833.D	MBS11388	02/25/09 08:21
3M59834.D	AC42697-001	02/25/09 08:38
3M59835.D	AC42697-002	02/25/09 08:55
3M59836.D	AC42697-003	02/25/09 09:12
3M59837.D	AC42697-004	02/25/09 09:29
3M59838.D	AC42697-005	02/25/09 09:46
3M59839.D	BLKJUG#2	02/25/09 10:03
3M59840.D	BLKTAP	02/25/09 10:20
3M59841.D	AC42870-001	02/25/09 10:37
3M59842.D	AC42913-001	02/25/09 10:55
3M59843.D	AC42913-002	02/25/09 11:27
3M59844.D	AC42901-002	02/25/09 11:44
3M59845.D	AC42901-003	02/25/09 12:01
3M59846.D	AC42901-001	02/25/09 12:18
3M59847.D	AC42902-001	02/25/09 12:35
3M59848.D	AC42807-003	02/25/09 12:52
3M59849.D	AC42908-001	02/25/09 13:09
3M59850.D	BLKTAP	02/25/09 13:25
3M59851.D	BLKJUG#2	02/25/09 13:42
3M59852.D	AC42807-003	02/25/09 13:59
3M59853.D	AC42848-001(MS)	02/25/09 14:16
3M59854.D	AC42848-001(MSD	02/25/09 14:33
3M59855.D	AC42820-006(MS)	02/25/09 14:50
3M59856.D	AC42820-006(MSD	02/25/09 15:07
3M59857.D	BLK	02/25/09 15:24
3M59858.D	BLK	02/25/09 15:41
3M59859.D	BLK	02/25/09 15:58
3M59860.D	AC42848-001(MS)	02/25/09 16:15
3M59861.D	BLK	02/25/09 16:32

Form 5

Tune Name: BFB TUNE **Data File:** 3M59940.D
Instrument: GCMS 3 **Analysis Date:** 02/27/09 06:34
Method: EPA 624
Tune Scan/Time Range: Average of 4.451 to 4.490 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	26.2	7670	PASS
75	95	30	60	55.1	16171	PASS
95	95	100	100	100.0	29323	PASS
96	95	5	9	7.4	2179	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	85.8	25155	PASS
175	174	5	9	6.9	1745	PASS
176	174	95	101	95.9	24125	PASS
177	176	5	9	6.2	1496	PASS

Data File	Sample Number	Analysis Date:
3M59941.D	20 PPB	02/27/09 06:45
3M59942.D	CAL @ 20 PPB	02/27/09 07:06
3M59943.D	BLK	02/27/09 07:24
3M59944.D	DAILY BLANK	02/27/09 07:41
3M59945.D	DAILY BLANK	02/27/09 07:58
3M59946.D	MBS11411	02/27/09 08:16
3M59947.D	MBS11412	02/27/09 08:33
3M59948.D	AC42725-016	02/27/09 08:50
3M59949.D	BLKJUG#1	02/27/09 09:07
3M59950.D	AC42940-003	02/27/09 09:26
3M59951.D	AC42940-009	02/27/09 09:43
3M59952.D	AC42940-031	02/27/09 10:00
3M59953.D	AC42940-029	02/27/09 10:17
3M59954.D	AC42959-001	02/27/09 10:34
3M59955.D	AC42959-002	02/27/09 10:51
3M59956.D	AC42940-001	02/27/09 11:08
3M59957.D	AC42940-011	02/27/09 11:25
3M59958.D	AC42940-005	02/27/09 11:42
3M59959.D	AC42940-007	02/27/09 11:59
3M59960.D	AC42940-013	02/27/09 12:16
3M59961.D	AC42939-006	02/27/09 12:33
3M59962.D	AC42939-007	02/27/09 12:50
3M59963.D	AC42939-005	02/27/09 13:07
3M59964.D	AC42928-002	02/27/09 13:24
3M59965.D	AC42928-001(10X)	02/27/09 13:43
3M59966.D	AC42939-008(10X)	02/27/09 14:04
3M59967.D	AC42928-003(100	02/27/09 14:25
3M59968.D	BLK	02/27/09 14:42
3M59969.D	AC42926-001	02/27/09 14:59
3M59970.D	AC42925-017	02/27/09 15:16
3M59971.D	AC42901-001(MS)	02/27/09 15:33
3M59972.D	BLK	02/27/09 15:50
3M59973.D	BLK	02/27/09 16:07
3M59974.D	AC42990-001	02/27/09 16:24
3M59975.D	AC42916-008	02/27/09 17:01
3M59976.D	AC42916-003	02/27/09 17:18
3M59977.D	AC42916-015	02/27/09 17:35
3M59978.D	AC42916-014	02/27/09 17:52
3M59979.D	AC42916-005	02/27/09 18:09
3M59980.D	AC42916-004	02/27/09 18:25
3M59981.D	AC42916-009	02/27/09 18:42
3M59982.D	AC42901-001(MSD	02/27/09 18:59
3M59983.D	BLK	02/27/09 19:16
3M59984.D	AC42925-017(5X)	02/27/09 19:33
3M59985.D	MBS11419	02/27/09 19:50
3M59986.D	MBS11420	02/27/09 20:07
3M59987.D	AC42955-001	02/27/09 20:24
3M59988.D	AC42955-002	02/27/09 20:41
3M59989.D	AC42969-001	02/27/09 20:58
3M59990.D	AC42969-002	02/27/09 21:15
3M59991.D	42955-003	02/27/09 21:31
3M59992.D	BLK	03/02/09 08:10

Form 5

Tune Name: BFB TUNE **Data File:** 6M38823.D
Instrument: GCMS 6 **Analysis Date:** 03/06/09 06:42
Method: EPA 624
Tune Scan/Time Range: Average of 4.234 to 4.253 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	21.3	3661	PASS
75	95	30	60	43.8	7522	PASS
95	95	100	100	100.0	17171	PASS
96	95	5	9	6.6	1131	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.5	16917	PASS
175	174	5	9	7.4	1251	PASS
176	174	95	101	96.0	16241	PASS
177	176	5	9	7.2	1162	PASS

Data File	Sample Number	Analysis Date:
6M38824.D	20 PPB	03/06/09 06:52
6M38825.D	CAL @ 20 PPB	03/06/09 07:17
6M38826.D	BLK	03/06/09 07:38
6M38827.D	DAILY BLANK	03/06/09 07:54
6M38828.D	DAILY BLANK	03/06/09 08:10
6M38829.D	AC43076-003	03/06/09 08:26
6M38830.D	AC43076-002	03/06/09 08:41
6M38831.D	AC43076-001(80uL	03/06/09 09:00
6M38832.D	MBS11478	03/06/09 09:18
6M38833.D	AC43076-002	03/06/09 09:34
6M38834.D	MBS11480	03/06/09 09:50
6M38835.D	AC43076-033	03/06/09 10:05
6M38836.D	AC43076-032	03/06/09 10:21
6M38837.D	BLKTEST PS	03/06/09 10:37
6M38838.D	BLKJUG#1	03/06/09 10:53
6M38839.D	AC43093-008(5X)	03/06/09 11:09
6M38840.D	AC43093-013(10X)	03/06/09 11:28
6M38841.D	AC43093-006(10X)	03/06/09 11:48
6M38842.D	AC43093-015(10X)	03/06/09 12:09
6M38843.D	AC43093-016(10X)	03/06/09 12:30
6M38844.D	AC43093-003(20X)	03/06/09 12:50
6M38845.D	AC43093-005(20X)	03/06/09 13:13
6M38846.D	AC43093-009(20X)	03/06/09 13:33
6M38847.D	AC43093-012(50X)	03/06/09 13:53
6M38848.D	AC43093-003(50X)	03/06/09 14:14
6M38849.D	AC43076-001	03/06/09 14:31
6M38850.D	MBS11481	03/06/09 14:47
6M38851.D	AC43049-011(MS)	03/06/09 15:02
6M38852.D	AC43049-011(MSD	03/06/09 15:18
6M38853.D	AC43093-019	03/06/09 15:34
6M38854.D	AC43093-001	03/06/09 15:50
6M38855.D	AC43093-002	03/06/09 16:05
6M38856.D	AC43093-019	03/06/09 16:21
6M38857.D	AC43093-004	03/06/09 16:37
6M38858.D	AC43093-007	03/06/09 16:53
6M38859.D	AC43093-011	03/06/09 17:09
6M38860.D	AC43093-014	03/06/09 17:24
6M38861.D	AC43093-010	03/06/09 17:40
6M38862.D	AC43093-020	03/06/09 17:56
6M38863.D	AC43033-001(MS)	03/06/09 18:12
6M38864.D	AC43033-001(MSD	03/06/09 18:27
6M38865.D	BLK	03/06/09 18:43
6M38866.D	BLK	03/06/09 18:59
6M38867.D	BLK	03/06/09 19:15
6M38868.D	MBS11487	03/06/09 19:30
6M38869.D	MBS11488	03/06/09 19:46
6M38870.D	BLK	03/06/09 20:02
6M38871.D	AC43071-011	03/06/09 20:17
6M38872.D	AC43071-015	03/06/09 20:33
6M38873.D	AC43085-002	03/06/09 20:49
6M38874.D	AC43085-003	03/06/09 21:04
6M38875.D	AC43086-002	03/06/09 21:20
6M38876.D	AC43086-003	03/06/09 21:36
6M38877.D	AC43081-011	03/06/09 21:52
6M38878.D	AC43081-012	03/06/09 22:08
6M38879.D	AC43081-013	03/06/09 22:23
6M38880.D	AC43086-001	03/06/09 22:39
6M38881.D	AC42940-023	03/06/09 22:55
6M38882.D	AC43082-003	03/06/09 23:11
6M38883.D	AC43085-001(10X)	03/06/09 23:29
6M38884.D	AC43094-001(10X)	03/06/09 23:50
6M38885.D	BLK	03/07/09 00:07
6M38886.D	BLK	03/07/09 00:23
6M38887.D	BLK	03/07/09 00:39
6M38888.D	BLK	03/07/09 00:55

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M58977.D Method: EPA 624

Analysis Date/Time: 02/04/09 13:43

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	309852	4.65	244646	6.45	128902	7.86						
Eval File Area Limit:	154926-619704		122323-489292		64451-257804							
Eval File Rt Limit:	4.15-5.15		5.95-6.95		7.36-8.360001							

Data File	Sample						
3M58970.D	CAL @ 1 PP	317349	4.65	242225	6.45	119132	7.86
3M58971.D	CAL @ 0.5 P	285796	4.65	216830	6.44	108345	7.86
3M58972.D	CAL @ 5 PP	368500	4.65	271965	6.45	143008	7.86
3M58974.D	CAL @ 250 P	299830	4.65	207638	6.45	108348	7.86
3M58975.D	CAL @ 100 P	317645	4.65	245199	6.45	126330	7.86
3M58976.D	CAL @ 50 P	310754	4.65	246951	6.45	129886	7.86
3M58977.D	CAL @ 20 P	309852	4.65	244646	6.45	128902	7.86
3M58978.D	CAL @ 10 P	309879	4.65	243711	6.45	126130	7.86
3M58979.D	ICV	303035	4.65	237511	6.45	122459	7.86
3M58980.D	BLKJUG#1	324058	4.65	256486	6.45	128629	7.86
3M58981.D	DAILY BLAN	309421	4.65	240576	6.45	121284	7.86
3M58982.D	AC42412-013	299270	4.65	239223	6.45	118889	7.86
3M58983.D	AC42412-012	301934	4.65	237617	6.45	122445	7.86
3M58984.D	MBS11168	303048	4.65	238357	6.45	122790	7.86
3M58985.D	BLK	288908	4.64	236836	6.44	124940	7.86
3M58986.D	AC42381-004	337014	4.65	266764	6.45	137965	7.86
3M58987.D	AC42357-005	303033	4.65	241070	6.45	119019	7.86
3M58988.D	AC42357-007	316345	4.65	240944	6.45	122752	7.86
3M58989.D	AC42357-012	300554	4.65	231292	6.44	119310	7.86
3M58990.D	AC42357-011	264649	4.65	201575	6.45	98639	7.86
3M58991.D	MBS11170	300476	4.65	233996	6.44	119230	7.86
3M58992.D	BLK	322727	4.65	247784	6.44	123555	7.86
3M58993.D	MDL @ 1 PP	307794	4.66	231677	6.46	118836	7.87
3M58994.D	MDL @ 1 PP	341586	4.65	261507	6.44	132092	7.86
3M58995.D	MDL @ 1 PP	338013	4.65	254215	6.44	128869	7.86
3M58996.D	MDL @ 1 PP	312940	4.65	239755	6.44	120018	7.86
3M58997.D	MDL @ 1 PP	319343	4.65	242127	6.44	121609	7.86
3M58998.D	MDL @ 1 PP	319134	4.65	244392	6.44	121904	7.86
3M58999.D	MDL @ 1 PP	327373	4.65	250668	6.44	129142	7.86
3M59000.D	1 PPB	304979	4.65	230644	6.44	117896	7.85
3M59001.D	VER @ 1 PP	298508	4.65	222465	6.44	110952	7.85
3M59002.D	1 PPB	295256	4.65	224088	6.44	113394	7.85
3M59006.D	AC42515-003	288285	4.65	217254	6.44	103773	7.85
3M59008.D	AC42515-001	289297	4.65	222336	6.44	109497	7.85
3M59009.D	AC42315-001	303326	4.65	227999	6.44	114452	7.85
3M59010.D	AC42315-001	314649	4.65	241952	6.44	123971	7.85
3M59011.D	BLK	302053	4.65	224647	6.44	111757	7.85
3M59012.D	BLK	306264	4.65	226615	6.44	111050	7.85
3M59013.D	BLK	309240	4.65	229718	6.44	111480	7.85
3M59014.D	MBS11171	298948	4.65	227517	6.44	117743	7.85
3M59015.D	MBS11172	297280	4.65	227920	6.44	116984	7.85
3M59016.D	BLK	312042	4.65	236726	6.44	116489	7.85
3M59017.D	AC42351-004	299661	4.65	220869	6.44	110226	7.85
3M59018.D	AC42381-003	302157	4.65	227089	6.44	109624	7.85
3M59019.D	AC42432-002	325320	4.65	239394	6.44	117706	7.85
3M59020.D	AC42450-007	297541	4.65	222079	6.44	108269	7.85
3M59021.D	BLK	281854	4.65	210514	6.44	103085	7.85
3M59022.D	AC42362-011	303402	4.65	226632	6.44	110718	7.85
3M59023.D	AC42362-010	284010	4.65	220440	6.44	111067	7.85
3M59024.D	AC42382-001	293694	4.65	223131	6.44	109665	7.85

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M58977.D Method: EPA 624

Analysis Date/Time: 02/04/09 13:43

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	309852	4.65	244646	6.45	128902	7.86						
Eval File Area Limit:	154926-619704		122323-489292		64451-257804							
Eval File Rt Limit:	4.15-5.15		5.95-6.95		7.36-8.360001							

Data File	Sample						
3M59025.D	AC42390-001	298487	4.65	230205	6.44	112363	7.85
3M59026.D	AC42432-001	321410	4.65	240119	6.44	118879	7.85
3M59027.D	AC42410-005	304925	4.65	229829	6.44	113314	7.85
3M59028.D	AC42414-004	313551	4.65	246868	6.44	120655	7.85
3M59029.D	AC42414-006	319251	4.65	247361	6.44	122187	7.85
3M59030.D	AC42410-001	306278	4.65	234701	6.44	114004	7.85
3M59031.D	AC42410-002	297490	4.65	224951	6.44	111361	7.85
3M59032.D	AC42410-003	315766	4.64	229907	6.44	113730	7.85
3M59033.D	AC42410-004	306644	4.65	226436	6.44	111002	7.85
3M59034.D	AC42414-002	340843	4.65	246458	6.44	121930	7.85
3M59035.D	AC42414-003	304825	4.64	211981	6.43	100748	7.85
3M59036.D	AC42381-002	362380	4.64	251250	6.43	129742	7.85
3M59037.D	AC42356-003	368152	4.64	266901	6.43	132138	7.85

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M59828.D Method: EPA 624

Analysis Date/Time: 02/25/09 06:47

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	301117	4.62	223560	6.42	108814	7.83						
Eval File Area Limit:	150558-602234		111780-447120		54407-217628							
Eval File Rt Limit:	4.12-5.12		5.92-6.92		7.33-8.33							

Data File	Sample						
3M59829.D	BLK	293235	4.62	216242	6.42	99698	7.83
3M59831.D	DAILY BLAN	273384	4.62	209059	6.42	99374	7.84
3M59832.D	MBS11387	286053	4.62	217918	6.42	111172	7.83
3M59839.D	BLKJUG#2	308989	4.63	240008	6.43	114511	7.84
3M59840.D	BLKTAP	284184	4.63	220649	6.43	105402	7.84
3M59842.D	AC42913-001	285879	4.63	224130	6.42	110688	7.84
3M59843.D	AC42913-002	296842	4.63	223438	6.43	114108	7.84
3M59844.D	AC42901-002	275180	4.63	206666	6.42	101753	7.84
3M59845.D	AC42901-003	278027	4.63	204865	6.43	84542	7.84
3M59846.D	AC42901-001	300569	4.63	225947	6.42	108316	7.84
3M59847.D	AC42902-001	274459	4.63	208869	6.43	98761	7.84
3M59848.D	AC42807-003	277530	4.63	207706	6.42	98380	7.84
3M59849.D	AC42908-001	284380	4.63	219893	6.43	109622	7.84
3M59850.D	BLKTAP	276643	4.63	213987	6.43	89398	7.84
3M59851.D	BLKJUG#2	300180	4.63	227619	6.43	96747	7.84
3M59852.D	AC42807-003	288665	4.63	187827	6.43	87000	7.84
3M59853.D	AC42848-001	292374	4.63	189565	6.43	91204	7.84
3M59854.D	AC42848-001	260471	4.63	189644	6.43	93922	7.84
3M59857.D	BLK	260523	4.63	194240	6.43	95791	7.84
3M59858.D	BLK	296064	4.63	193698	6.43	95216	7.84
3M59859.D	BLK	278659	4.63	182417	6.43	86955	7.84
3M59860.D	AC42848-001	309705	4.63	231008	6.43	101494	7.84
3M59861.D	BLK	248098	4.63	186935	6.43	88797	7.84

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M59942.D Method: EPA 624

Analysis Date/Time: 02/27/09 07:06

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	197780	4.61	144550	6.42	69177	7.84						
Eval File Area Limit:	98890-395560		72275-289100		34588-138354							
Eval File Rt Limit:	4.11-5.11		5.92-6.92		7.34-8.34							

Data File	Sample						
3M59941.D	20 PPB	184156	4.61	134454	6.42	64200	7.84
3M59943.D	BLK	181491	4.61	134012	6.42	58952	7.84
3M59945.D	DAILY BLAN	192147	4.61	119044	6.43	52564	7.84
3M59947.D	MBS11412	191222	4.62	142734	6.43	58752	7.85
3M59948.D	AC42725-016	164293	4.62	119578	6.43	54208	7.85
3M59949.D	BLKJUG#1	156398	4.62	112473	6.43	50383	7.85
3M59950.D	AC42940-003	162859	4.62	113673	6.43	43383	7.85
3M59951.D	AC42940-009	141569	4.62	100390	6.43	44019	7.85
3M59952.D	AC42940-031	146833	4.62	104546	6.43	45757	7.85
3M59953.D	AC42940-029	150357	4.62	103804	6.43	45970	7.85
3M59954.D	AC42959-001	131615	4.62	96689	6.43	41232	7.85
3M59955.D	AC42959-002	136721	4.62	98504	6.43	42141	7.85
3M59956.D	AC42940-001	147621	4.62	106199	6.43	47353	7.85
3M59957.D	AC42940-011	132860	4.62	94343	6.43	41942	7.85
3M59958.D	AC42940-005	137330	4.62	101446	6.43	44135	7.85
3M59959.D	AC42940-007	143006	4.62	104651	6.43	45894	7.85
3M59960.D	AC42940-013	137860	4.62	100922	6.43	45016	7.85
3M59961.D	AC42939-006	143255	4.62	104830	6.43	45440	7.85
3M59962.D	AC42939-007	144004	4.62	102676	6.43	47215	7.85
3M59963.D	AC42939-005	139635	4.62	101170	6.43	44477	7.85
3M59964.D	AC42928-002	139557	4.62	101343	6.43	44521	7.85
3M59965.D	AC42928-001	137259	4.62	99615	6.43	45561	7.85
3M59966.D	AC42939-008	163177	4.62	112960	6.43	52031	7.85
3M59967.D	AC42928-003	126616	4.60	88704	6.42	41324	7.85
3M59968.D	BLK	128671	4.61	93151	6.42	42000	7.85
3M59969.D	AC42926-001	122686	4.61	90945	6.43	40246	7.85
3M59970.D	AC42925-017	126232	4.61	90633	6.42	40906	7.85
3M59971.D	AC42901-001	118912	4.61	85239	6.43	41821	7.85
3M59972.D	BLK	125244	4.61	95000	6.43	42287	7.85
3M59973.D	BLK	114474	4.61	85707	6.43	38697	7.85
3M59982.D	AC42901-001	138069	4.61	104453	6.43	51562	7.85
3M59983.D	BLK	145116	4.61	101514	6.43	48065	7.85
3M59984.D	AC42925-017	131070	4.61	94593	6.43	43301	7.85
3M59985.D	MBS11419	140037	4.61	102774	6.43	49744	7.85
3M59986.D	MBS11420	151336	4.61	113267	6.43	54446	7.85
3M59987.D	AC42955-001	145319	4.61	106473	6.43	49036	7.85
3M59988.D	AC42955-002	143375	4.61	105592	6.43	47057	7.85
3M59989.D	AC42969-001	138764	4.61	101111	6.43	44703	7.85
3M59990.D	AC42969-002	122800	4.61	89579	6.42	40100	7.85
3M59991.D	42955-003	125253	4.61	88843	6.43	38234	7.85
3M59992.D	BLK	231687	4.60	172126	6.42	78239	7.84

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1.4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M38735.D Method: EPA 624

Analysis Date/Time: 03/04/09 12:08

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	307398	4.38	214077	5.93	115770	7.16						
Eval File Area Limit:	153699-614796		107038-428154		57885-231540							
Eval File Rt Limit:	3.88-4.88		5.43-6.43		6.66-7.66							

Data File	Sample											
6M38726.D	BLK	263917	4.37	198862	5.93	112137	7.16					
6M38727.D	PREP BLK	268177	4.38	192326	5.94	93859	7.16					
6M38728.D	CAL @ 1 PPB	263228	4.38	196501	5.93	95738	7.16					
6M38729.D	CAL @ 0.5 P	245621	4.38	179096	5.93	84231	7.16					
6M38730.D	CAL @ 5 PPB	253271	4.37	176004	5.93	93166	7.16					
6M38731.D	CAL @ 500 P	307115	4.37	202917	5.93	106016	7.16					
6M38732.D	CAL @ 250 P	326313	4.38	222220	5.93	112067	7.16					
6M38733.D	CAL @ 100 P	334296	4.38	241511	5.94	122549	7.16					
6M38734.D	CAL @ 50 PP	320383	4.38	229314	5.93	124085	7.16					
6M38735.D	CAL @ 20 PP	307398	4.38	214077	5.93	115770	7.16					
6M38736.D	CAL @ 10 PP	302163	4.38	209973	5.94	114399	7.16					
6M38737.D	BLKJUG#2	250854	4.38	180668	5.94	84226	7.16					
6M38738.D	ICV	291546	4.38	200376	5.94	111640	7.16					
6M38739.D	BLK	272728	4.38	200509	5.94	93933	7.16					
6M38740.D	BLK	264364	4.38	189953	5.94	86726	7.16					
6M38742.D	DAILY BLANK	270909	4.38	197765	5.94	93657	7.16					
6M38743.D	MBS11457	272974	4.38	197461	5.94	106460	7.16					
6M38745.D	BLK	282462	4.38	198790	5.94	96732	7.16					
6M38762.D	BLK	327125	4.38	230234	5.94	116687	7.16					
6M38763.D	AC43040-005	314689	4.38	217055	5.94	112565	7.16					
6M38764.D	AC43041-001	339885	4.38	240144	5.94	121319	7.16					
6M38765.D	AC43040-001	327537	4.38	234541	5.94	114490	7.16					
6M38766.D	AC43040-003	327517	4.38	223671	5.94	119132	7.16					
6M38767.D	AC43033-001	325394	4.38	236252	5.94	115006	7.16					
6M38768.D	AC43036-007	333626	4.38	236560	5.94	121489	7.16					
6M38769.D	AC43041-004	339845	4.38	247506	5.94	122100	7.17					
6M38770.D	AC43041-002	330031	4.38	246881	5.94	125701	7.16					
6M38771.D	AC43041-003	345011	4.37	251000	5.93	125269	7.16					
6M38772.D	BLK	324097	4.38	229826	5.94	122369	7.16					
6M38773.D	AC42925-016	342266	4.38	237005	5.93	128671	7.16					
6M38774.D	AC42925-016	339494	4.38	239617	5.93	125885	7.16					
6M38775.D	BLK	332372	4.38	226235	5.94	119643	7.16					
6M38776.D	BLK	324161	4.38	227098	5.94	108332	7.16					
6M38777.D	BLK	333937	4.38	231593	5.93	119849	7.16					
6M38778.D	BLK	316116	4.38	219746	5.94	112503	7.16					
6M38779.D	BLK	328187	4.38	231784	5.94	109848	7.16					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M38825.D Method: EPA 624

Analysis Date/Time: 03/06/09 07:17

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	365139	4.39	251593	5.95	132274	7.17						
Eval File Area Limit:	182570-730278		125796-503186		66137-264548							
Eval File Rt Limit:	3.89-4.89		5.45-6.45		6.67-7.67							

Data File	Sample											
6M38824.D	20 PPB	367526	4.39	255573	5.94	139462	7.17					
6M38826.D	BLK	339405	4.39	245273	5.94	125636	7.16					
6M38828.D	DAILY BLANK	355509	4.39	258731	5.94	131549	7.16					
6M38834.D	MBS11480	361634	4.39	254818	5.94	135234	7.16					
6M38837.D	BLKTEST PS	359635	4.39	256929	5.94	131033	7.17					
6M38838.D	BLKJUG#1	349358	4.39	256106	5.94	125066	7.17					
6M38842.D	AC43093-015	368673	4.38	267111	5.94	127894	7.17					
6M38843.D	AC43093-016	357118	4.39	248229	5.94	122630	7.17					
6M38850.D	MBS11481	367801	4.39	262485	5.95	133090	7.18					
6M38863.D	AC43033-001	359969	4.39	250299	5.94	134622	7.17					
6M38864.D	AC43033-001	370793	4.40	261000	5.95	137114	7.18					
6M38865.D	BLK	362631	4.40	253957	5.95	129222	7.18					
6M38866.D	BLK	349005	4.39	252156	5.94	125083	7.17					
6M38867.D	BLK	357063	4.39	255533	5.95	131302	7.17					
6M38868.D	MBS11487	352641	4.39	243038	5.94	135736	7.17					
6M38869.D	MBS11488	355174	4.39	241593	5.94	133583	7.17					
6M38870.D	BLK	360490	4.39	251849	5.95	127492	7.17					
6M38871.D	AC43071-011	338284	4.39	246498	5.95	125814	7.17					
6M38872.D	AC43071-015	336586	4.39	246057	5.95	120856	7.17					
6M38873.D	AC43085-002	334857	4.39	245427	5.94	118359	7.17					
6M38874.D	AC43085-003	309845	4.39	217448	5.95	101808	7.17					
6M38875.D	AC43086-002	330545	4.39	243441	5.94	120201	7.17					
6M38876.D	AC43086-003	339858	4.39	238611	5.94	115155	7.17					
6M38877.D	AC43081-011	324752	4.39	231798	5.94	112823	7.17					
6M38878.D	AC43081-012	330038	4.39	233862	5.94	117836	7.17					
6M38879.D	AC43081-013	322104	4.39	235379	5.94	113627	7.17					
6M38880.D	AC43086-001	315262	4.39	227429	5.94	110149	7.17					
6M38881.D	AC42940-023	308709	4.39	226069	5.94	109694	7.17					
6M38882.D	AC43082-003	309700	4.39	233621	5.94	113520	7.17					
6M38883.D	AC43085-001	246732	4.39	185919	5.95	96276	7.17					
6M38884.D	AC43094-001	344710	4.39	240265	5.94	119421	7.17					
6M38885.D	BLK	343325	4.39	246709	5.94	124168	7.17					
6M38886.D	BLK	319932	4.39	225377	5.94	107640	7.17					
6M38887.D	BLK	333328	4.39	232205	5.95	112966	7.17					
6M38888.D	BLK	286260	4.39	203522	5.94	98209	7.17					
6M38889.D	BLK	285045	4.39	198822	5.94	97806	7.17					
6M38890.D	BLK	317618	4.39	223295	5.94	106816	7.17					
6M38891.D	BLK	310145	4.39	221780	5.94	109169	7.17					
6M38892.D	BLK	308051	4.39	213661	5.94	106158	7.17					
6M38893.D	BLK	304835	4.39	217810	5.94	109027	7.17					
6M38894.D	BLK	299654	4.39	212764	5.95	100503	7.18					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1.4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

GC/MS Volatile Data
Sample Data

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 3M59956.D
Analysis Date: 02/27/09 11:08
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	**75-01-4**	**Vinyl Chloride**	**1.0**	**1.4**
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 1.4

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 3M59956.D
Analysis Date: 02/27/09 11:08
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

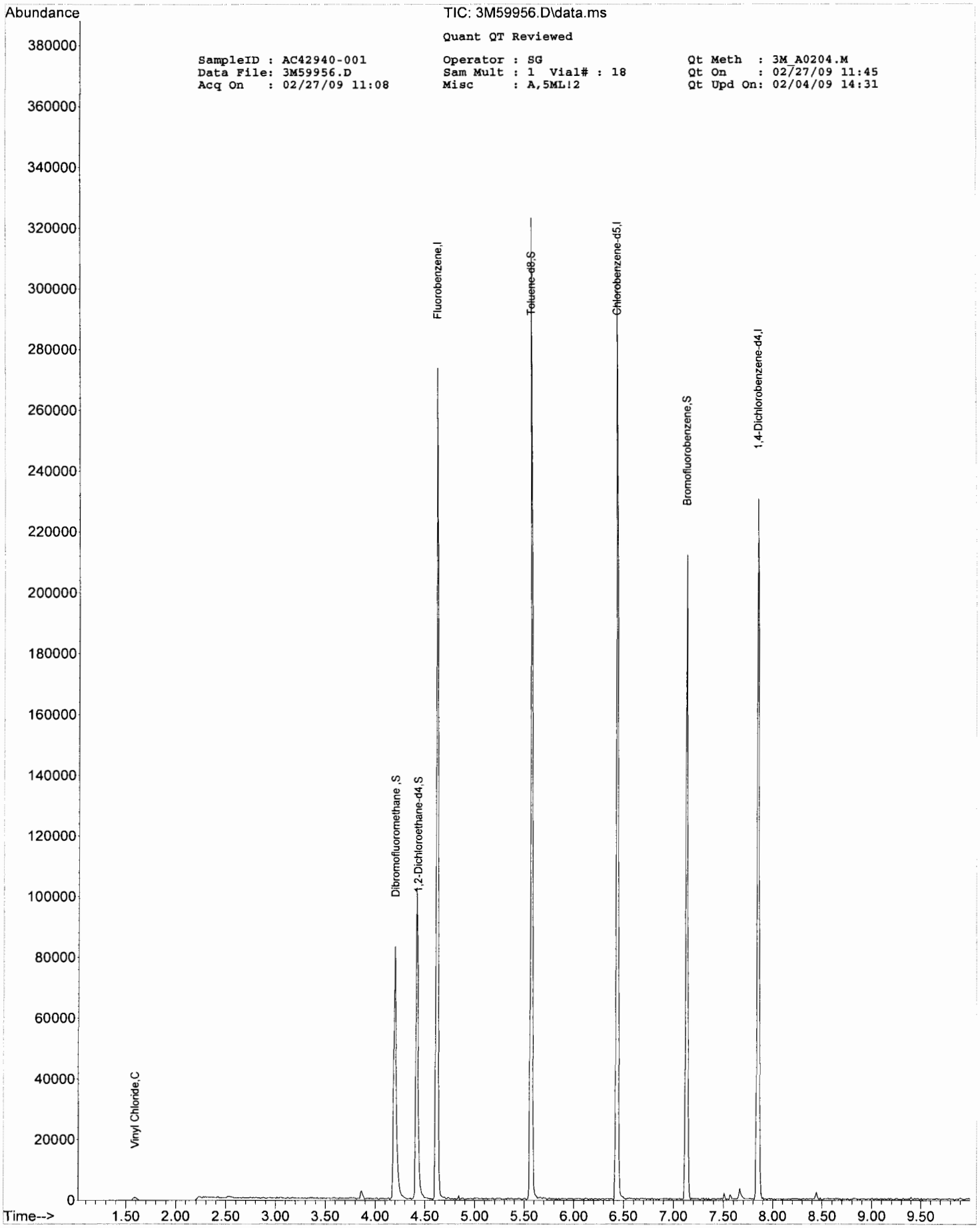
SampleID : AC42940-001 Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59956.D Sam Mult : 1 Vial# : 18 Qt On : 02/27/09 11:45
Acq On : 02/27/09 11:08 Misc : A,5ML!2 Qt Upd On: 02/04/09 14:31

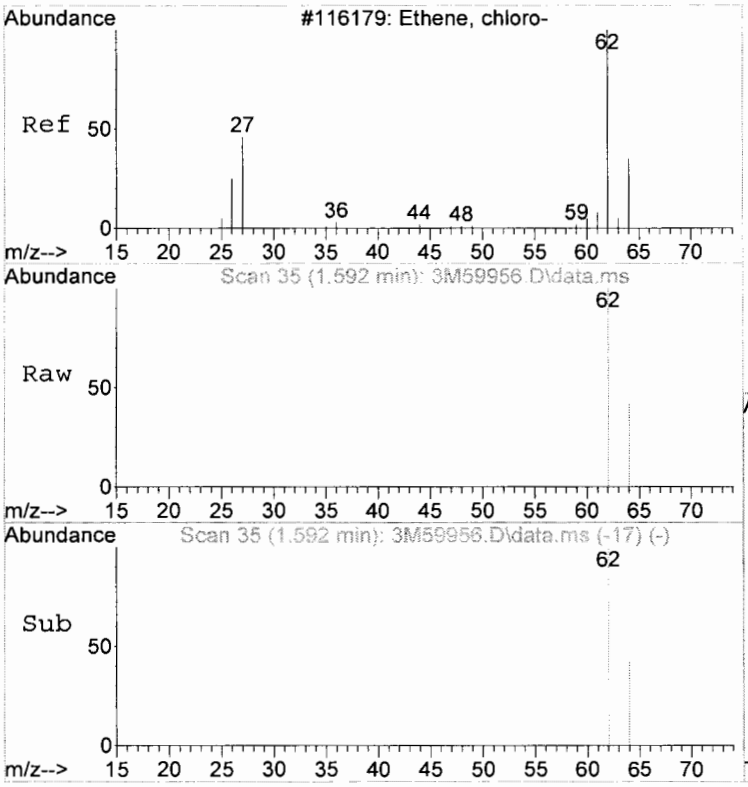
Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.622	96	147621	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.434	117	106199	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.852	152	47353	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.198	111	46130	31.61	ug/l	-0.04
Spiked Amount 30.000			Recovery = 105.37%			
32) 1,2-Dichloroethane-d4	4.425	102	8900	28.55	ug/l	-0.03
Spiked Amount 30.000			Recovery = 95.17%			
56) Toluene-d8	5.567	100	86481	29.53	ug/l	-0.03
Spiked Amount 30.000			Recovery = 98.43%			
64) Bromofluorobenzene	7.133	174	42004	26.94	ug/l	-0.02
Spiked Amount 30.000			Recovery = 89.80%			
Target Compounds						Qvalue
6) Vinyl Chloride	1.592	62	1756	1.37	ug/l	85
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed

AR

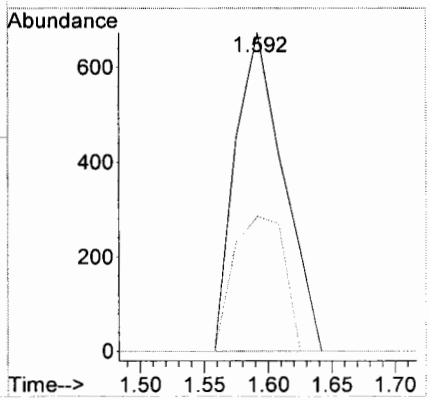

Abundance
TIC: 3M59956.D\data.ms
Quant QT Reviewed
SampleID : AC42940-001
Data File: 3M59956.D
Acq On : 02/27/09 11:08
Operator : SG
Sam Mult : 1 Vial# : 18
Misc : A,5ML!2
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 11:45
Qt Upd On: 02/04/09 14:31
Vinyl Chloride,C
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->



#6
Vinyl Chloride
Concen: 1.37 ug/l
RT: 1.592 min Scan# 35
Delta R.T. -0.101 min
Lab File: 3M59956.D
Acq: 27 Feb 2009 11:08

Tgt Ion: 62 Resp: 1756

Ion	Ratio	Lower	Upper
62	100		
64	42.3	0.0	74.0



LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59956.D
Acq On : 27 Feb 2009 11:08
Operator : SG
Sample : AC42940-001
Misc : A,5ML!2
ALS Vial : 18 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M59956.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.592	33	35	38	rBB	958	2538	0.64%	0.118%
2	2.238	71	73	76	rBV2	1251	4820	1.22%	0.224%
3	2.278	76	77	78	rVV	1259	1327	0.34%	0.062%
4	2.317	80	81	84	rVV	1095	2382	0.60%	0.111%
5	2.356	84	85	90	rVV	1098	3340	0.85%	0.155%
6	2.425	90	92	93	rVV2	1131	1746	0.44%	0.081%
7	2.445	93	94	95	rVV	820	949	0.24%	0.044%
8	2.475	95	97	100	rVV2	912	2460	0.62%	0.114%
9	2.524	100	102	108	rVV3	1264	4807	1.22%	0.223%
10	2.642	110	114	116	rVV2	840	2467	0.62%	0.115%
11	2.672	116	117	119	rVV2	829	1285	0.33%	0.060%
12	2.721	119	122	123	rVV2	675	1512	0.38%	0.070%
13	2.750	123	125	127	rVV2	779	1662	0.42%	0.077%
14	2.780	127	128	129	rVV	749	811	0.21%	0.038%
15	2.810	129	131	133	rVV2	757	1605	0.41%	0.075%
16	2.839	133	134	135	rVV	702	663	0.17%	0.031%
17	2.878	135	138	141	rVV	819	2065	0.52%	0.096%
18	2.928	141	143	144	rVV2	634	1055	0.27%	0.049%
19	2.947	144	145	147	rVV2	693	1058	0.27%	0.049%
20	2.987	147	149	151	rVV2	635	1282	0.32%	0.060%
21	3.016	151	152	154	rVV	794	972	0.25%	0.045%
22	3.056	154	156	159	rVV2	742	1729	0.44%	0.080%
23	3.125	161	163	165	rVV2	697	1080	0.27%	0.050%
24	3.174	165	168	170	rVV	660	1356	0.34%	0.063%
25	3.203	170	171	173	rVV	541	714	0.18%	0.033%
26	3.233	173	174	176	rVV2	426	628	0.16%	0.029%
27	3.272	176	178	179	rVV	518	687	0.17%	0.032%
28	3.292	179	180	182	rVV2	385	571	0.14%	0.027%
29	3.371	182	188	189	rVV2	581	1631	0.41%	0.076%
30	3.391	189	190	192	rVV	298	499	0.13%	0.023%
31	3.420	192	193	194	rVV	451	379	0.10%	0.018%
32	3.460	194	197	198	rVV	386	604	0.15%	0.028%
33	3.479	198	199	202	rVV2	312	551	0.14%	0.026%
34	3.519	202	203	208	rVV2	382	979	0.25%	0.045%
35	3.578	208	209	212	rVV2	396	757	0.19%	0.035%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59956.D
Acq On : 27 Feb 2009 11:08
Operator : SG
Sample : AC42940-001
Misc : A,5ML!2
ALS Vial : 18 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

36	3.647	215	216	217	rVV	459	348	0.09%	0.016%
37	3.676	217	219	222	rVV	255	419	0.11%	0.019%
38	3.716	222	223	225	rVV	250	286	0.07%	0.013%
39	3.745	225	226	233	rVB2	593	1973	0.50%	0.092%
40	3.834	233	235	236	rBV	436	693	0.18%	0.032%
41	3.863	236	238	241	rVB2	2730	4394	1.11%	0.204%
42	3.932	241	245	246	rBV	407	809	0.20%	0.038%
43	3.952	246	247	250	rVB	278	272	0.07%	0.013%
44	4.011	250	253	256	rVB2	497	910	0.23%	0.042%
45	4.050	256	257	259	rBV	368	627	0.16%	0.029%
46	4.080	259	260	262	rVB2	107	69	0.02%	0.003%
47	4.139	264	266	268	rBV2	297	251	0.06%	0.012%
48	4.198	268	272	285	rVB	83153	148624	37.64%	6.906%
49	4.356	285	288	289	rVB	381	501	0.13%	0.023%
50	4.415	291	294	303	rBV	102222	157307	39.84%	7.310%
51	4.622	311	315	318	rBV	273533	347772	88.07%	16.160%
52	4.691	321	322	324	rVB	678	720	0.18%	0.033%
53	4.730	324	326	329	rVB2	447	597	0.15%	0.028%
54	4.769	329	330	332	rVB2	264	295	0.07%	0.014%
55	4.799	332	333	334	rVB	300	177	0.04%	0.008%
56	4.838	334	337	338	rVB2	1308	1082	0.27%	0.050%
57	4.878	338	341	343	rBV	493	910	0.23%	0.042%
58	4.927	343	346	348	rBV2	336	686	0.17%	0.032%
59	4.957	348	349	352	rVB	350	467	0.12%	0.022%
60	4.996	352	353	354	rBV	521	474	0.12%	0.022%
61	5.025	354	356	358	rVB2	272	386	0.10%	0.018%
62	5.075	358	361	362	rVB2	371	527	0.13%	0.024%
63	5.114	362	365	367	rVB	407	630	0.16%	0.029%
64	5.144	367	368	371	rBV2	341	629	0.16%	0.029%
65	5.183	371	372	374	rVB	421	249	0.06%	0.012%
66	5.222	374	376	378	rBV	311	505	0.13%	0.023%
67	5.252	378	379	384	rVB	434	606	0.15%	0.028%
68	5.311	384	385	386	rBV	254	159	0.04%	0.007%
69	5.341	386	388	389	rBV	346	404	0.10%	0.019%
70	5.370	389	391	394	rVB	338	561	0.14%	0.026%
71	5.410	394	395	397	rBV	260	346	0.09%	0.016%
72	5.449	397	399	402	rVB	397	608	0.15%	0.028%
73	5.498	402	404	408	rBV	432	817	0.21%	0.038%
74	5.567	408	411	415	rBV	322824	394861	100.00%	18.348%
75	5.666	418	421	423	rVB	480	752	0.19%	0.035%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59956.D
Acq On : 27 Feb 2009 11:08
Operator : SG
Sample : AC42940-001
Misc : A,5ML!2
ALS Vial : 18 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

76	5.695	423	424	428	rVB2	587	1063	0.27%	0.049%
77	5.754	428	430	432	rBV2	452	681	0.17%	0.032%
78	5.784	432	433	436	rVB	400	519	0.13%	0.024%
79	5.823	436	437	438	rBV	384	254	0.06%	0.012%
80	5.853	438	440	441	rVB	340	280	0.07%	0.013%
81	5.892	441	444	445	rBV2	360	681	0.17%	0.032%
82	5.912	445	446	448	rVB2	236	273	0.07%	0.013%
83	5.941	448	449	451	rBV	321	493	0.12%	0.023%
84	5.971	451	452	456	rVB	291	407	0.10%	0.019%
85	6.020	456	457	458	rBV	341	341	0.09%	0.016%
86	6.050	458	460	463	rVB2	326	626	0.16%	0.029%
87	6.119	465	467	470	rVB2	483	871	0.22%	0.040%
88	6.178	470	473	475	rBV	372	643	0.16%	0.030%
89	6.217	475	477	480	rBV2	344	694	0.18%	0.032%
90	6.257	480	481	483	rBV	217	151	0.04%	0.007%
91	6.296	483	485	487	rVB	288	329	0.08%	0.015%
92	6.345	487	490	491	rBV	311	463	0.12%	0.022%
93	6.365	491	492	496	rVB2	379	532	0.13%	0.025%
94	6.434	496	499	502	rBV	307866	375381	95.07%	17.443%
95	6.562	508	512	516	rBV	398	1184	0.30%	0.055%
96	6.611	516	517	518	rVB	317	187	0.05%	0.009%
97	6.631	518	519	522	rBV	359	393	0.10%	0.018%
98	6.690	522	525	527	rBV	399	848	0.21%	0.039%
99	6.719	527	528	529	rVB	415	245	0.06%	0.011%
100	6.759	529	532	533	rBV	319	509	0.13%	0.024%
101	6.788	533	535	536	rVB	390	386	0.10%	0.018%
102	6.808	536	537	539	rVB	316	358	0.09%	0.017%
103	6.838	539	540	542	rBV	340	301	0.08%	0.014%
104	6.877	542	544	546	rBV2	317	710	0.18%	0.033%
105	6.907	546	547	548	rVB	144	85	0.02%	0.004%
106	6.926	548	549	552	rVB	257	384	0.10%	0.018%
107	6.966	552	553	555	rBV	286	329	0.08%	0.015%
108	7.005	555	557	560	rVB	254	524	0.13%	0.024%
109	7.064	560	563	564	rBV	338	428	0.11%	0.020%
110	7.084	564	565	566	rBV	144	142	0.04%	0.007%
111	7.133	566	570	573	rBV	212010	267829	67.83%	12.445%
112	7.232	578	580	584	rVB2	350	752	0.19%	0.035%
113	7.301	584	587	588	rBV	479	654	0.17%	0.030%
114	7.330	588	590	591	rVB	673	695	0.18%	0.032%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59956.D
Acq On : 27 Feb 2009 11:08
Operator : SG
Sample : AC42940-001
Misc : A,5ML!2
ALS Vial : 18 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

115	7.350	591	592	594	rBV	700	730	0.18%	0.034%
116	7.389	594	596	597	rBV	392	359	0.09%	0.017%
117	7.409	597	598	600	rVB	304	317	0.08%	0.015%
118	7.458	600	603	604	rBV	257	473	0.12%	0.022%
119	7.478	604	605	606	rVB	431	255	0.06%	0.012%
120	7.507	606	608	610	rVB	2053	1762	0.45%	0.082%
121	7.537	610	611	612	rBV	287	176	0.04%	0.008%
122	7.566	612	614	616	rBV	1503	1712	0.43%	0.080%
123	7.626	618	620	621	rVV	257	376	0.10%	0.017%
124	7.665	621	624	630	rVV3	3599	6144	1.56%	0.285%
125	7.773	633	635	636	rVV2	338	477	0.12%	0.022%
126	7.793	636	637	639	rVB	290	291	0.07%	0.014%
127	7.852	639	643	646	rBV	230586	321533	81.43%	14.941%
128	7.901	647	648	649	rVB	743	439	0.11%	0.020%
129	7.931	649	651	652	rBB	333	372	0.09%	0.017%
130	7.970	652	655	656	rBV2	397	722	0.18%	0.034%
131	8.019	658	660	661	rVB	294	254	0.06%	0.012%
132	8.049	661	663	664	rBV	351	548	0.14%	0.025%
133	8.079	664	666	668	rVB2	319	467	0.12%	0.022%
134	8.108	668	669	670	rBV2	335	264	0.07%	0.012%
135	8.128	670	671	673	rVV2	106	128	0.03%	0.006%
136	8.167	673	675	677	rVV2	244	420	0.11%	0.020%
137	8.197	677	678	680	rVV	368	483	0.12%	0.022%
138	8.226	680	681	682	rVV	374	343	0.09%	0.016%
139	8.246	682	683	687	rVB	354	542	0.14%	0.025%
140	8.315	687	690	692	rVB2	298	622	0.16%	0.029%
141	8.345	692	693	694	rBV	365	335	0.08%	0.016%
142	8.384	694	697	699	rVV	306	546	0.14%	0.025%
143	8.443	699	703	706	rVB2	2419	3433	0.87%	0.160%
144	8.482	706	707	709	rVB	607	365	0.09%	0.017%
145	8.532	709	712	714	rBV	396	968	0.25%	0.045%
146	8.561	714	715	716	rVV	360	300	0.08%	0.014%
147	8.581	716	717	718	rVV	318	301	0.08%	0.014%
148	8.601	718	719	722	rVV2	315	513	0.13%	0.024%
149	8.640	722	723	726	rVB	511	673	0.17%	0.031%
150	8.679	726	727	729	rVB	387	244	0.06%	0.011%
151	8.709	729	730	731	rBV	338	303	0.08%	0.014%
152	8.738	731	733	734	rVB	200	195	0.05%	0.009%
153	8.758	734	735	737	rVB	347	227	0.06%	0.011%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59956.D
Acq On : 27 Feb 2009 11:08
Operator : SG
Sample : AC42940-001
Misc : A,5ML!2
ALS Vial : 18 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

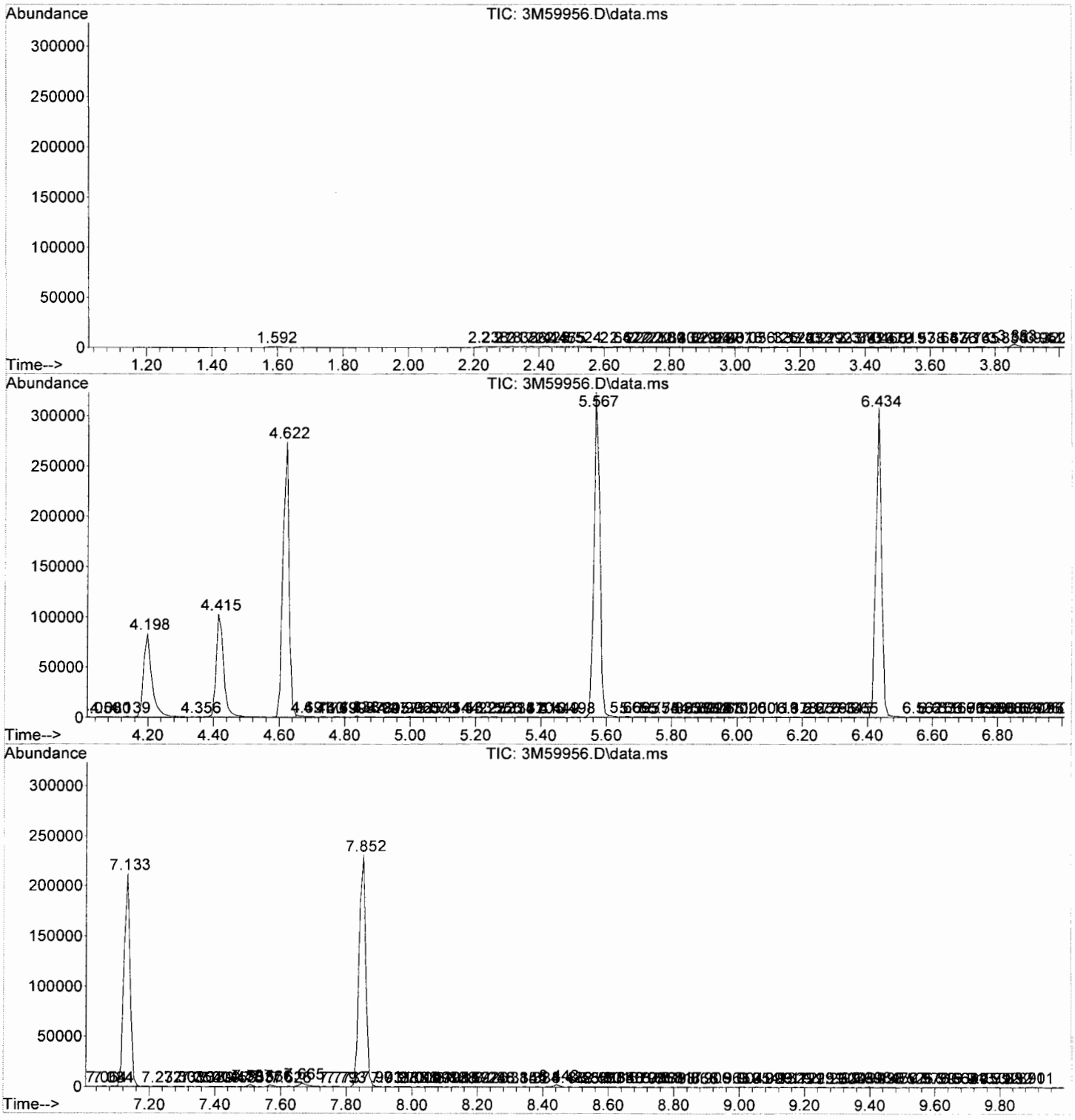
154	8.798	737	739	740	rBV	192	161	0.04%	0.007%
155	8.817	740	741	745	rVB	497	889	0.23%	0.041%
156	8.866	745	746	748	rBB	226	208	0.05%	0.010%
157	8.906	748	750	755	rBV2	324	917	0.23%	0.043%
158	8.965	755	756	758	rVB	321	367	0.09%	0.017%
159	9.004	758	760	762	rVB	655	1061	0.27%	0.049%
160	9.054	762	765	767	rBV	655	1332	0.34%	0.062%
161	9.093	767	769	772	rBV	373	527	0.13%	0.024%
162	9.132	772	773	775	rVB	379	294	0.07%	0.014%
163	9.172	775	777	778	rBV	396	431	0.11%	0.020%
164	9.191	778	779	782	rVB	495	533	0.13%	0.025%
165	9.251	782	785	787	rBV2	428	733	0.19%	0.034%
166	9.290	787	789	790	rBV	166	154	0.04%	0.007%
167	9.320	791	792	794	rVB	410	297	0.08%	0.014%
168	9.349	794	795	796	rVB	273	161	0.04%	0.007%
169	9.369	796	797	798	rBV	332	206	0.05%	0.010%
170	9.398	798	800	802	rBV	691	774	0.20%	0.036%
171	9.438	802	804	805	rBV	367	329	0.08%	0.015%
172	9.477	805	808	809	rVB	319	493	0.12%	0.023%
173	9.507	809	811	812	rVB	512	365	0.09%	0.017%
174	9.526	812	813	816	rBV2	348	574	0.15%	0.027%
175	9.576	816	818	819	rVV	379	471	0.12%	0.022%
176	9.615	819	822	825	rVV	359	743	0.19%	0.035%
177	9.664	825	827	828	rVV	414	532	0.13%	0.025%
178	9.694	828	830	831	rVV	326	341	0.09%	0.016%
179	9.713	831	832	833	rVV	247	268	0.07%	0.012%
180	9.753	833	836	838	rVV	303	621	0.16%	0.029%
181	9.792	838	840	843	rVV2	340	751	0.19%	0.035%
182	9.832	843	844	845	rVB	304	180	0.05%	0.008%
183	9.871	845	848	849	rBV	291	437	0.11%	0.020%
184	9.901	849	851	855	rVB2	595	961	0.24%	0.045%

Sum of corrected areas: 2152022

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59956.D
Acq On : 27 Feb 2009 11:08
Operator : SG
Sample : AC42940-001
Misc : A,5ML!2
ALS Vial : 18 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59956.D
Acq On : 27 Feb 2009 11:08
Operator : SG
Sample : AC42940-001
Misc : A,5ML!2
ALS Vial : 18 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 3M59950.D
Analysis Date: 02/27/09 09:26
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**1.0**	**3.0**
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**2.4**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**1.2**
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 6.6

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 3M59950.D
Analysis Date: 02/27/09 09:26
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

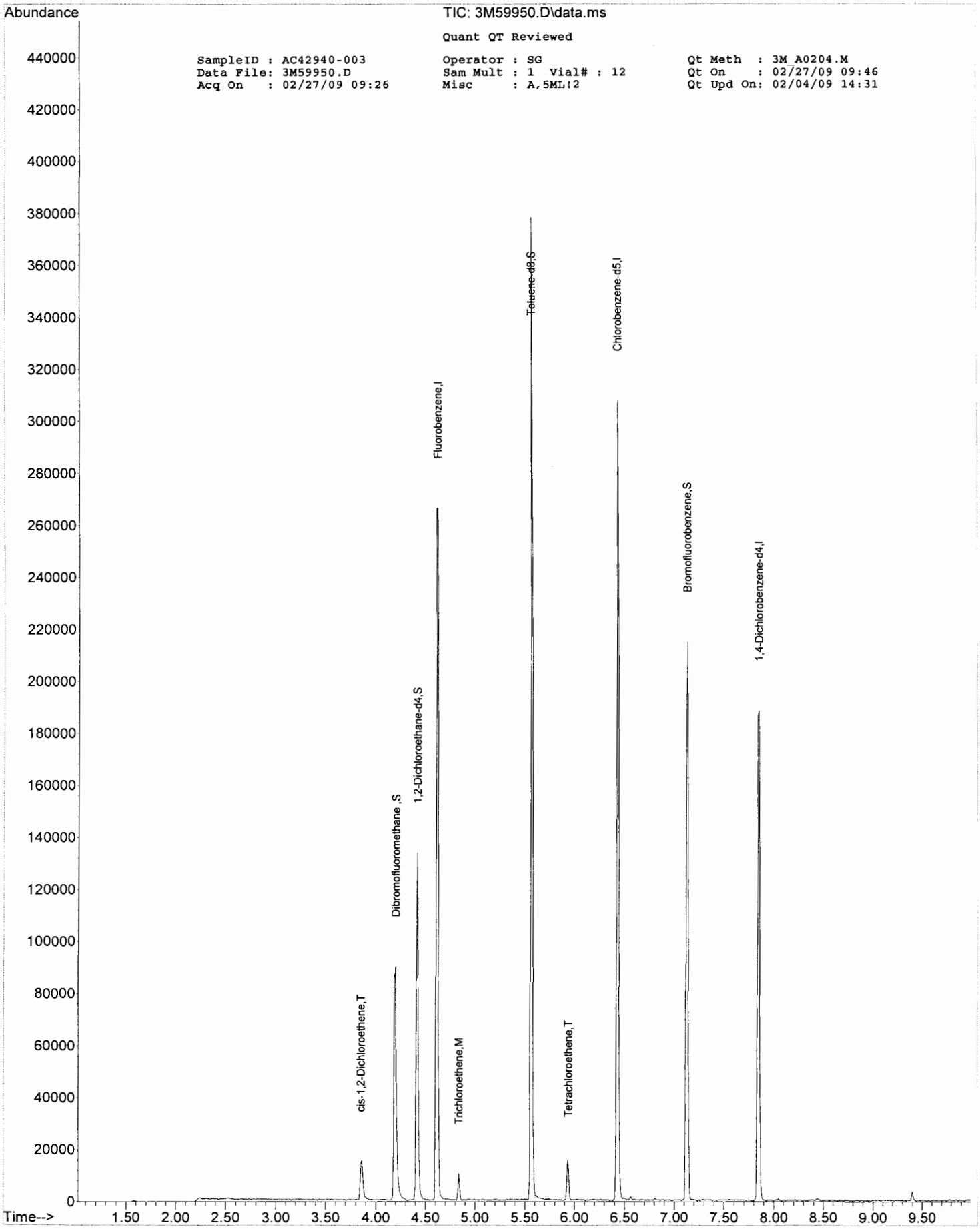
Quantitation Report (QT Reviewed)

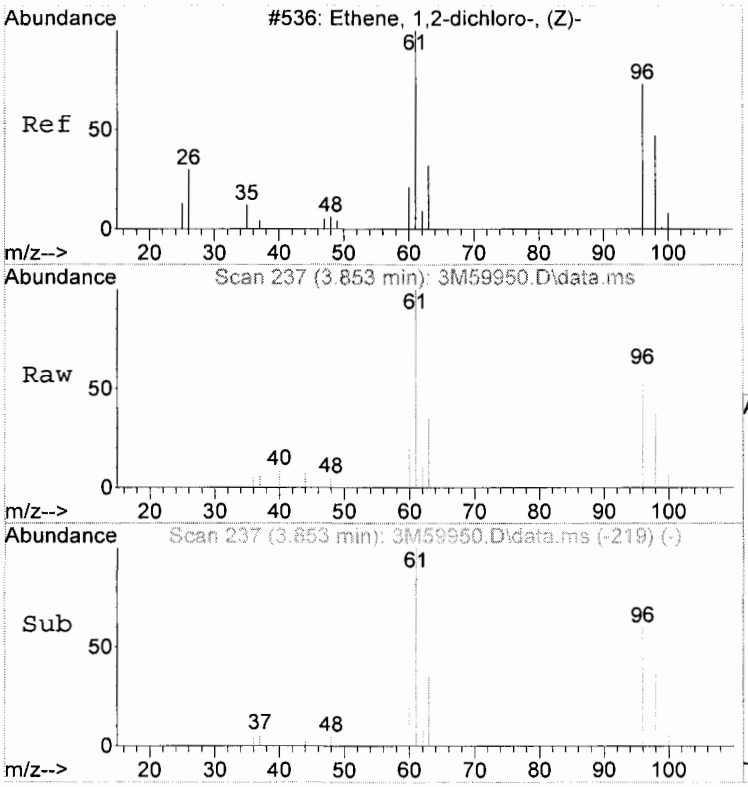
SampleID : AC42940-003 Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59950.D Sam Mult : 1 Vial# : 12 Qt On : 02/27/09 09:46
Acq On : 02/27/09 09:26 Misc : A,5ML!2 Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.621	96	162859	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.433	117	113673	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.851	152	43383	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.197	111	49818	30.94	ug/l	-0.04
Spiked Amount 30.000			Recovery = 103.13%			
32) 1,2-Dichloroethane-d4	4.414	102	10290	29.92	ug/l	-0.04
Spiked Amount 30.000			Recovery = 99.73%			
56) Toluene-d8	5.566	100	96140	30.67	ug/l	-0.03
Spiked Amount 30.000			Recovery = 102.23%			
64) Bromofluorobenzene	7.132	174	45719	32.01	ug/l	-0.02
Spiked Amount 30.000			Recovery = 106.70%			
Target Compounds						Qvalue
24) cis-1,2-Dichloroethene	3.853	61	10211	3.04	ug/l	99
42) Trichloroethene	4.838	130	2223	1.25	ug/l	85
55) Tetrachloroethene	5.941	164	2815	2.36	ug/l	97
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed

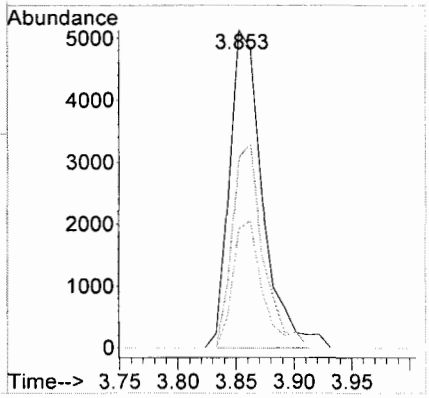

Abundance
TIC: 3M59950.D\data.ms
Quant QT Reviewed
SampleID : AC42940-003
Data File: 3M59950.D
Acq On : 02/27/09 09:26
Operator : SG
Sam Mult : 1 Vial# : 12
Misc : A,5ML,2
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 09:46
Qt Upd On: 02/04/09 14:31
cis-1,2-Dichloroethene,T
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

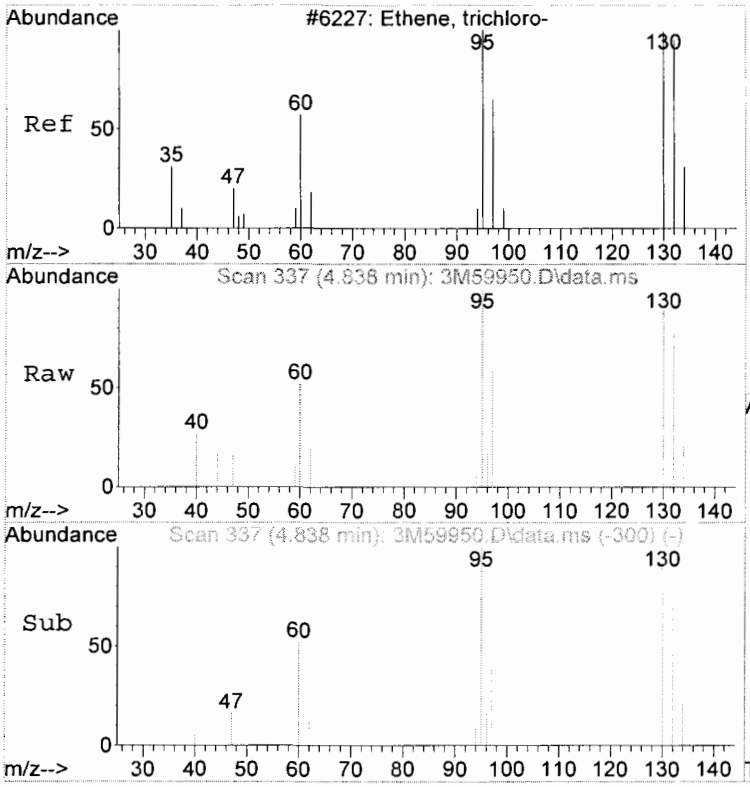


#24
cis-1,2-Dichloroethene
Concen: 3.04 ug/l
RT: 3.853 min Scan# 237
Delta R.T. -0.069 min
Lab File: 3M59950.D
Acq: 27 Feb 2009 9:26

Tgt Ion: 61 Resp: 10211

Ion	Ratio	Lower	Upper
61	100		
96	60.0	20.1	100.1
98	37.5	0.0	79.6

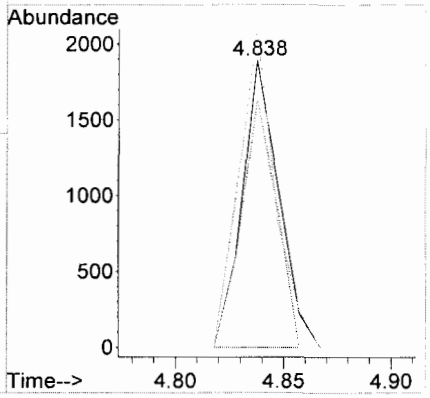


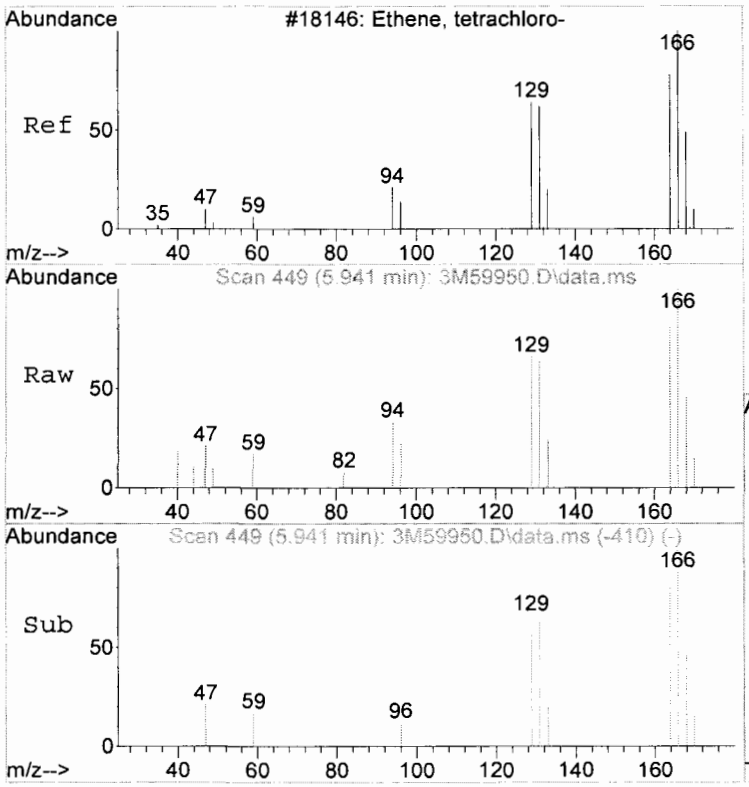


#42
Trichloroethene
Concen: 1.25 ug/l
RT: 4.838 min Scan# 337
Delta R.T. -0.040 min
Lab File: 3M59950.D
Acq: 27 Feb 2009 9:26

Tgt Ion:130 Resp: 2223

Ion	Ratio	Lower	Upper
130	100		
132	86.2	57.4	137.4
95	110.7	52.5	132.5

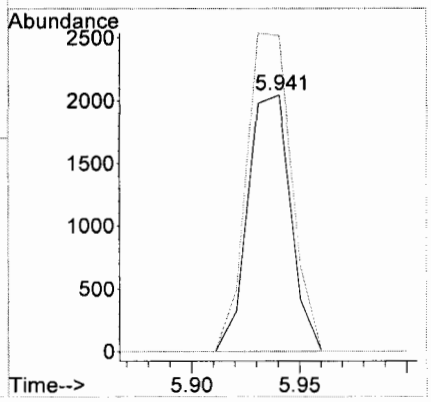




#55
Tetrachloroethene
Concen: 2.36 ug/l
RT: 5.941 min Scan# 449
Delta R.T. -0.020 min
Lab File: 3M59950.D
Acq: 27 Feb 2009 9:26

Tgt Ion:164 Resp: 2815

Ion	Ratio	Lower	Upper
164	100		
166	123.0	56.4	196.4



LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59950.D
Acq On : 27 Feb 2009 9:26
Operator : SG
Sample : AC42940-003
Misc : A,5ML!2
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M59950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.576	33	34	36	rBB	448	802	0.18%	0.035%
2	2.247	71	74	78	rBV2	1427	7030	1.61%	0.306%
3	2.316	78	81	84	rVV2	1210	3731	0.86%	0.163%
4	2.375	84	87	89	rVV	1189	2851	0.65%	0.124%
5	2.405	89	90	93	rVV	1150	1990	0.46%	0.087%
6	2.474	93	97	98	rVV2	979	2487	0.57%	0.108%
7	2.513	98	101	102	rVV2	1149	2310	0.53%	0.101%
8	2.572	106	107	109	rVV2	751	1109	0.25%	0.048%
9	2.602	109	110	112	rVV	568	854	0.20%	0.037%
10	2.661	112	116	121	rVV2	881	2773	0.64%	0.121%
11	2.730	121	123	125	rVV2	546	999	0.23%	0.044%
12	2.779	125	128	131	rVV2	517	1361	0.31%	0.059%
13	2.819	131	132	134	rVV	627	789	0.18%	0.034%
14	2.848	134	135	136	rVV	432	393	0.09%	0.017%
15	2.888	136	139	142	rVB2	490	1009	0.23%	0.044%
16	2.927	142	143	146	rBV	448	522	0.12%	0.023%
17	2.976	146	148	149	rVV	150	187	0.04%	0.008%
18	2.996	149	150	151	rVB	226	134	0.03%	0.006%
19	3.035	151	154	157	rBB2	246	341	0.08%	0.015%
20	3.085	157	159	161	rBV2	210	318	0.07%	0.014%
21	3.124	161	163	164	rBV	166	115	0.03%	0.005%
22	3.144	164	165	166	rVB	405	239	0.05%	0.010%
23	3.183	166	169	170	rBV	340	647	0.15%	0.028%
24	3.222	170	173	174	rVB2	240	264	0.06%	0.012%
25	3.252	174	176	178	rVB2	265	397	0.09%	0.017%
26	3.282	178	179	180	rVB	321	190	0.04%	0.008%
27	3.311	180	182	185	rBV2	220	428	0.10%	0.019%
28	3.350	185	186	187	rVB	162	96	0.02%	0.004%
29	3.370	187	188	190	rBV	271	332	0.08%	0.014%
30	3.410	190	192	193	rVB	324	319	0.07%	0.014%
31	3.439	193	195	197	rBV	400	529	0.12%	0.023%
32	3.469	197	198	199	rVB	230	136	0.03%	0.006%
33	3.498	199	201	202	rBV	251	312	0.07%	0.014%
34	3.518	202	203	205	rBV2	178	216	0.05%	0.009%
35	3.557	205	207	209	rVB2	250	317	0.07%	0.014%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59950.D
Acq On : 27 Feb 2009 9:26
Operator : SG
Sample : AC42940-003
Misc : A,5ML!2
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

36	3.587	209	210	211	rVB	155	92	0.02%	0.004%
37	3.616	211	213	214	rVB	223	176	0.04%	0.008%
38	3.636	214	215	218	rBV2	171	307	0.07%	0.013%
39	3.685	218	220	222	rVB	316	317	0.07%	0.014%
40	3.715	222	223	225	rBV2	185	212	0.05%	0.009%
41	3.744	225	226	227	rBV	382	286	0.07%	0.012%
42	3.764	227	228	230	rVB	157	126	0.03%	0.005%
43	3.803	230	232	234	rBV2	268	343	0.08%	0.015%
44	3.863	234	238	245	rBV	15061	28559	6.55%	1.245%
45	3.961	245	248	249	rVB2	188	198	0.05%	0.009%
46	3.981	249	250	251	rBV	53	47	0.01%	0.002%
47	4.010	251	253	256	rVB2	195	304	0.07%	0.013%
48	4.060	256	258	259	rBV	306	338	0.08%	0.015%
49	4.089	259	261	262	rVB	223	246	0.06%	0.011%
50	4.109	262	263	265	rVB	216	215	0.05%	0.009%
51	4.197	268	272	284	rVB	90082	162952	37.40%	7.102%
52	4.345	284	287	288	rBV2	302	460	0.11%	0.020%
53	4.414	291	294	301	rBV	133228	176755	40.57%	7.703%
54	4.522	303	305	307	rVB2	231	344	0.08%	0.015%
55	4.572	307	310	311	rBV2	197	320	0.07%	0.014%
56	4.611	311	314	318	rBV	266167	384403	88.23%	16.753%
57	4.719	324	325	329	rVB2	335	538	0.12%	0.023%
58	4.779	329	331	333	rVB2	58	78	0.02%	0.003%
59	4.808	333	334	335	rVB	122	72	0.02%	0.003%
60	4.838	335	337	340	rVB	10225	11202	2.57%	0.488%
61	4.907	340	344	345	rBV2	175	255	0.06%	0.011%
62	4.946	345	348	351	rBV2	310	836	0.19%	0.036%
63	4.995	351	353	354	rVB	271	228	0.05%	0.010%
64	5.015	354	355	358	rBV2	160	201	0.05%	0.009%
65	5.054	358	359	360	rBV	193	163	0.04%	0.007%
66	5.084	360	362	363	rVB	330	338	0.08%	0.015%
67	5.104	363	364	368	rVB2	185	322	0.07%	0.014%
68	5.153	368	369	370	rBV	202	138	0.03%	0.006%
69	5.192	370	373	374	rBV	214	296	0.07%	0.013%
70	5.212	374	375	378	rVB	318	307	0.07%	0.013%
71	5.271	378	381	383	rBV2	204	273	0.06%	0.012%
72	5.300	383	384	385	rVB	228	135	0.03%	0.006%
73	5.320	385	386	388	rBV	396	490	0.11%	0.021%
74	5.360	388	390	393	rVB2	341	577	0.13%	0.025%
75	5.419	393	396	399	rBV2	367	678	0.16%	0.030%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59950.D
Acq On : 27 Feb 2009 9:26
Operator : SG
Sample : AC42940-003
Misc : A,5ML!2
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

76	5.478	399	402	403	rBV2	435	456	0.10%	0.020%
77	5.497	403	404	408	rBV2	455	614	0.14%	0.027%
78	5.566	408	411	415	rBV	377759	435690	100.00%	18.989%
79	5.616	415	416	419	rVV2	1136	1567	0.36%	0.068%
80	5.655	419	420	421	rVB	280	171	0.04%	0.007%
81	5.724	426	427	428	rVB	502	297	0.07%	0.013%
82	5.744	428	429	430	rVB2	620	366	0.08%	0.016%
83	5.763	430	431	432	rBV	196	140	0.03%	0.006%
84	5.783	432	433	434	rBV	90	94	0.02%	0.004%
85	5.822	434	437	438	rVB2	296	402	0.09%	0.018%
86	5.852	438	440	443	rVB2	344	519	0.12%	0.023%
87	5.931	445	448	452	rVB	15296	20019	4.59%	0.872%
88	5.980	452	453	456	rBV	134	206	0.05%	0.009%
89	6.029	456	458	459	rBV	189	214	0.05%	0.009%
90	6.049	459	460	462	rVB	226	234	0.05%	0.010%
91	6.098	462	465	466	rVB	398	543	0.12%	0.024%
92	6.128	466	468	469	rBV	303	340	0.08%	0.015%
93	6.157	469	471	473	rBV	231	393	0.09%	0.017%
94	6.197	473	475	479	rVB	362	510	0.12%	0.022%
95	6.266	479	482	483	rVB2	326	382	0.09%	0.017%
96	6.285	483	484	486	rBV2	186	233	0.05%	0.010%
97	6.315	486	487	488	rVB	108	64	0.01%	0.003%
98	6.335	488	489	491	rVB	396	435	0.10%	0.019%
99	6.374	491	493	494	rVB	303	337	0.08%	0.015%
100	6.433	496	499	502	rVV	306865	395344	90.74%	17.230%
101	6.492	504	505	508	rVB2	765	1038	0.24%	0.045%
102	6.532	508	509	510	rBV	262	230	0.05%	0.010%
103	6.561	510	512	514	rVB	1253	1319	0.30%	0.057%
104	6.601	514	516	518	rVB	335	333	0.08%	0.015%
105	6.630	518	519	521	rVB	179	195	0.04%	0.008%
106	6.669	521	523	525	rBV	303	355	0.08%	0.015%
107	6.699	525	526	528	rVB	217	178	0.04%	0.008%
108	6.738	528	530	531	rVB	252	197	0.05%	0.009%
109	6.758	531	532	535	rVB	214	353	0.08%	0.015%
110	6.807	535	537	539	rBV	900	965	0.22%	0.042%
111	6.847	539	541	542	rVB2	230	250	0.06%	0.011%
112	6.886	542	545	547	rBV2	370	609	0.14%	0.027%
113	6.916	547	548	551	rBV2	186	333	0.08%	0.015%
114	6.955	551	552	555	rVB	465	425	0.10%	0.019%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59950.D
Acq On : 27 Feb 2009 9:26
Operator : SG
Sample : AC42940-003
Misc : A,5ML!2
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

115	6.994	555	556	558	rBV	335	506	0.12%	0.022%
116	7.024	558	559	562	rBV2	81	98	0.02%	0.004%
117	7.063	562	563	564	rVB	425	251	0.06%	0.011%
118	7.083	564	565	566	rBV	344	337	0.08%	0.015%
119	7.132	566	570	573	rBV	214655	294194	67.52%	12.822%
120	7.251	580	582	583	rBV	381	330	0.08%	0.014%
121	7.290	583	586	588	rBV	500	1005	0.23%	0.044%
122	7.319	588	589	590	rVV	274	280	0.06%	0.012%
123	7.379	594	595	596	rVB	418	247	0.06%	0.011%
124	7.398	596	597	600	rBV	361	526	0.12%	0.023%
125	7.457	600	603	606	rBV	312	601	0.14%	0.026%
126	7.497	606	607	609	rBV	150	212	0.05%	0.009%
127	7.526	609	610	611	rBB	50	30	0.01%	0.001%
128	7.556	611	613	614	rVB	338	219	0.05%	0.010%
129	7.595	614	617	618	rVB	220	249	0.06%	0.011%
130	7.615	618	619	623	rVB2	225	371	0.09%	0.016%
131	7.664	623	624	625	rVB2	140	83	0.02%	0.004%
132	7.684	625	626	630	rVB	327	426	0.10%	0.019%
133	7.743	630	632	636	rVB2	337	718	0.16%	0.031%
134	7.792	636	637	638	rVB2	173	102	0.02%	0.004%
135	7.851	639	643	646	rBV	187818	283412	65.05%	12.352%
136	7.960	651	654	655	rVV	291	554	0.13%	0.024%
137	7.979	655	656	658	rVB	301	230	0.05%	0.010%
138	8.029	658	661	662	rBV	357	720	0.17%	0.031%
139	8.048	662	663	666	rVB	947	896	0.21%	0.039%
140	8.098	666	668	670	rBV	365	426	0.10%	0.019%
141	8.127	670	671	672	rVV	285	297	0.07%	0.013%
142	8.147	672	673	675	rVV	307	449	0.10%	0.020%
143	8.176	675	676	679	rVV2	404	659	0.15%	0.029%
144	8.216	679	680	682	rVB	440	429	0.10%	0.019%
145	8.245	682	683	684	rBV	311	347	0.08%	0.015%
146	8.275	684	686	688	rVB	429	522	0.12%	0.023%
147	8.314	688	690	691	rBV	320	408	0.09%	0.018%
148	8.334	691	692	693	rVB	293	173	0.04%	0.008%
149	8.354	693	694	695	rBV	480	462	0.11%	0.020%
150	8.393	695	698	701	rVV	360	991	0.23%	0.043%
151	8.442	701	703	707	rVV2	856	1521	0.35%	0.066%
152	8.501	707	709	711	rVV	179	384	0.09%	0.017%
153	8.551	711	714	715	rVB	339	558	0.13%	0.024%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59950.D
Acq On : 27 Feb 2009 9:26
Operator : SG
Sample : AC42940-003
Misc : A,5ML!2
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

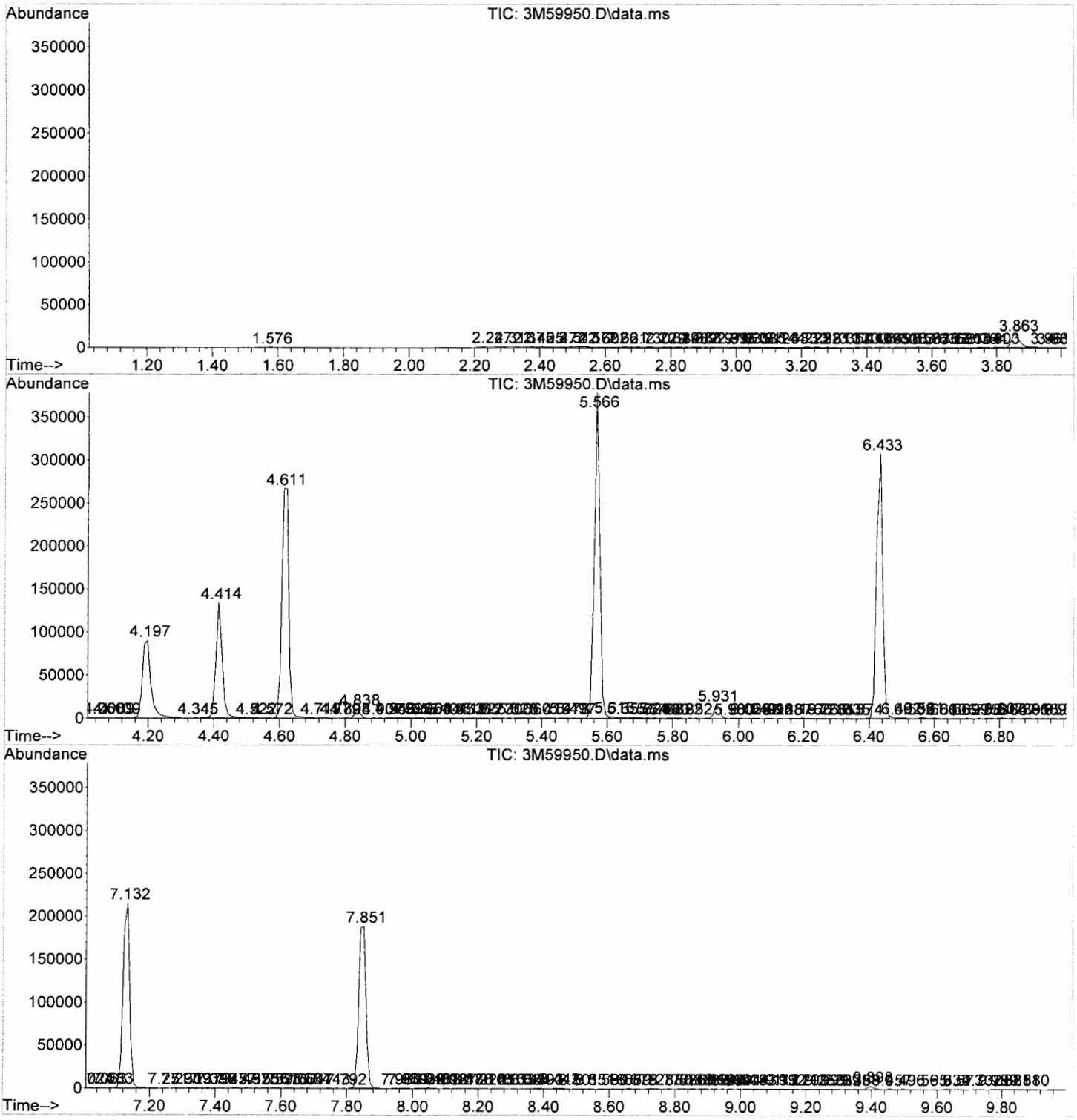
154	8.590	715	718	721	rBV2	309	811	0.19%	0.035%
155	8.659	724	725	726	rBV	408	340	0.08%	0.015%
156	8.679	726	727	730	rVB2	298	372	0.09%	0.016%
157	8.728	730	732	734	rBV	413	852	0.20%	0.037%
158	8.777	736	737	739	rBV	281	289	0.07%	0.013%
159	8.826	739	742	743	rBV2	306	503	0.12%	0.022%
160	8.856	743	745	746	rVB	408	441	0.10%	0.019%
161	8.885	746	748	750	rBV	398	576	0.13%	0.025%
162	8.915	750	751	753	rVB	280	308	0.07%	0.013%
163	8.944	753	754	755	rBV	344	239	0.05%	0.010%
164	8.964	755	756	758	rVB	190	181	0.04%	0.008%
165	8.994	758	759	760	rBV	372	305	0.07%	0.013%
166	9.013	760	761	763	rVV2	244	376	0.09%	0.016%
167	9.043	763	764	768	rVV	423	729	0.17%	0.032%
168	9.112	768	771	772	rVV	396	769	0.18%	0.034%
169	9.132	772	773	775	rVV	296	470	0.11%	0.020%
170	9.171	775	777	778	rVV	429	426	0.10%	0.019%
171	9.201	778	780	781	rVV2	331	426	0.10%	0.019%
172	9.250	781	785	786	rVV	337	686	0.16%	0.030%
173	9.270	786	787	789	rVV2	292	360	0.08%	0.016%
174	9.299	789	790	791	rVV	335	217	0.05%	0.009%
175	9.329	791	793	794	rVB	457	376	0.09%	0.016%
176	9.358	794	796	797	rBV2	514	800	0.18%	0.035%
177	9.398	797	800	804	rVB2	3735	4934	1.13%	0.215%
178	9.457	804	806	809	rBV	428	892	0.20%	0.039%
179	9.496	809	810	815	rVB2	486	967	0.22%	0.042%
180	9.565	815	817	819	rBV	274	279	0.06%	0.012%
181	9.634	819	824	825	rBV	356	837	0.19%	0.036%
182	9.673	825	828	829	rVV	226	456	0.10%	0.020%
183	9.732	831	834	836	rBV	377	756	0.17%	0.033%
184	9.782	836	839	841	rBV2	514	1010	0.23%	0.044%
185	9.821	841	843	844	rVV2	365	384	0.09%	0.017%
186	9.851	844	846	848	rVB	518	823	0.19%	0.036%
187	9.880	848	849	855	rBV2	609	1062	0.24%	0.046%

Sum of corrected areas: 2294479

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59950.D
Acq On : 27 Feb 2009 9:26
Operator : SG
Sample : AC42940-003
Misc : A,5ML!2
ALS Vial : 12 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59950.D
Acq On : 27 Feb 2009 9:26
Operator : SG
Sample : AC42940-003
Misc : A,5ML!2
ALS Vial : 12 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 3M59958.D
Analysis Date: 02/27/09 11:42
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**1.0**	1.7
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**5.3**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**1.1**
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	**75-01-4**	**Vinyl Chloride**	**1.0**	**1.5**
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 9.6

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 3M59958.D
Analysis Date: 02/27/09 11:42
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1	112-40-3	Dodecane	9.40	5.4 J

Worksheet #: 110348

Total Tentatively Identified Concentration 5.4

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

0160

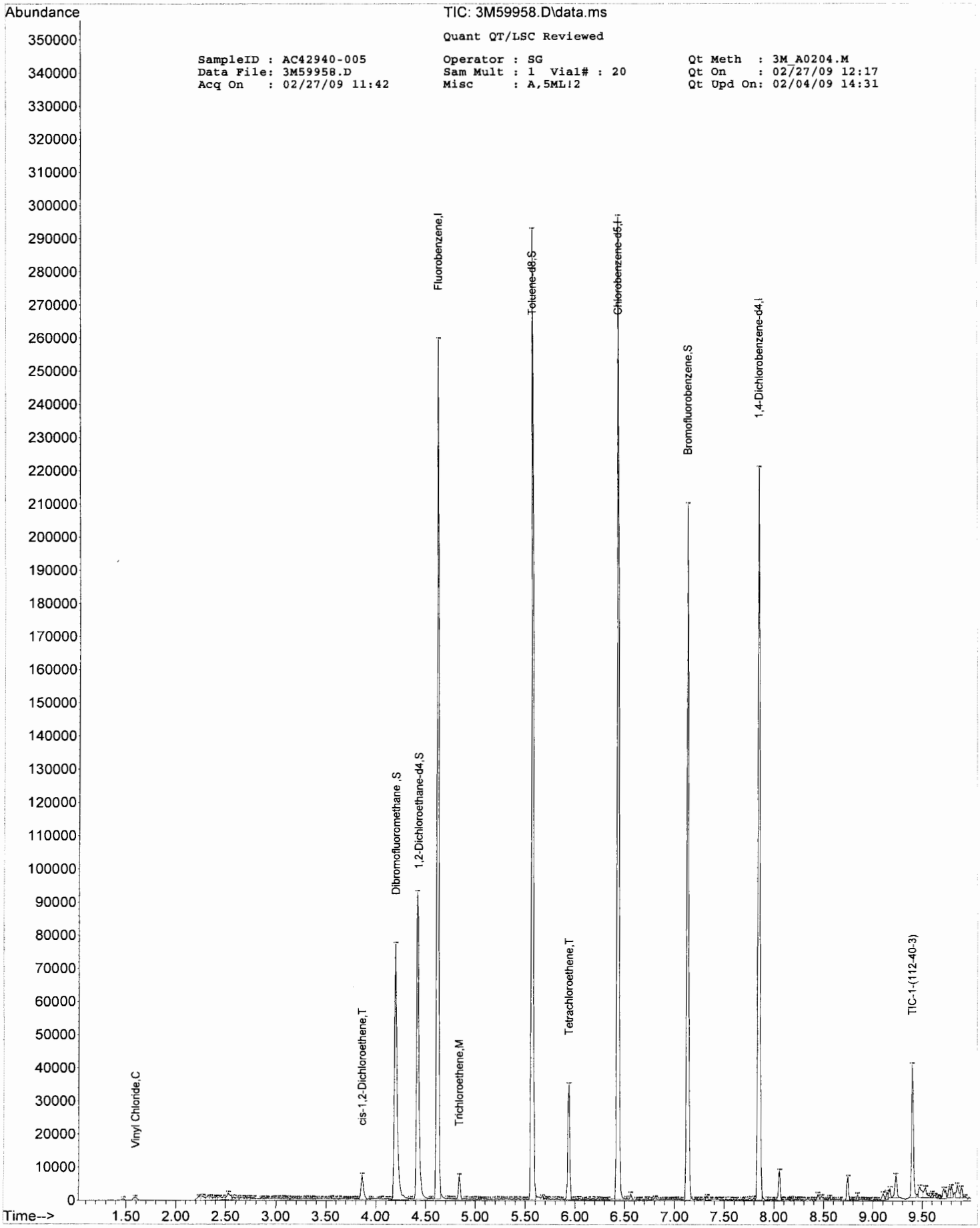
SampleID : AC42940-005 Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59958.D Sam Mult : 1 Vial# : 20 Qt On : 02/27/09 12:17
Acq On : 02/27/09 11:42 Misc : A,5ML!2 Qt Upd On: 02/04/09 14:31

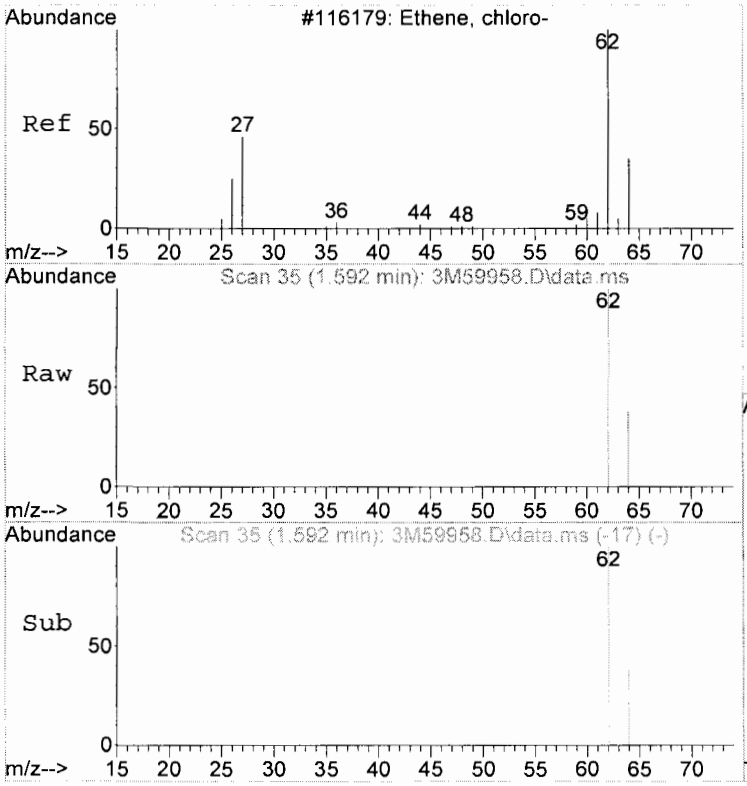
Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.622	96	137330	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.434	117	101446	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.852	152	44135	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.198	111	43706	32.19	ug/l	-0.04
Spiked Amount 30.000			Recovery = 107.30%			
32) 1,2-Dichloroethane-d4	4.425	102	8788	30.30	ug/l	-0.03
Spiked Amount 30.000			Recovery = 101.00%			
56) Toluene-d8	5.567	100	82360	29.44	ug/l	-0.03
Spiked Amount 30.000			Recovery = 98.13%			
64) Bromofluorobenzene	7.133	174	39328	27.07	ug/l	-0.02
Spiked Amount 30.000			Recovery = 90.23%			
Target Compounds						Qvalue
6) Vinyl Chloride	1.592	62	1804	1.51	ug/l	93
24) cis-1,2-Dichloroethene	3.863	61	4719	1.67	ug/l	92
42) Trichloroethene	4.838	130	1635	1.09	ug/l	92
55) Tetrachloroethene	5.941	164	5632	5.29	ug/l	89
Library Search Compounds						
1) 112-40-3	9.400		53752	5.42	ug/l	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

AR

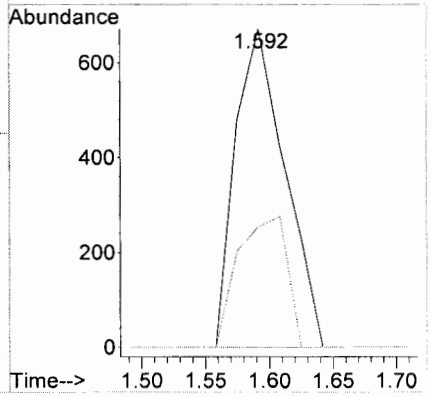

Abundance
TIC: 3M59958.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC42940-005
Data File: 3M59958.D
Acq On : 02/27/09 11:42
Operator : SG
Sam Mult : 1 Vial# : 20
Misc : A,5ML!2
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 12:17
Qt Upd On: 02/04/09 14:31
Vinyl Chloride,C
cis-1,2-Dichloroethene,T
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
TIC-1-(112-40-3)
Time-->

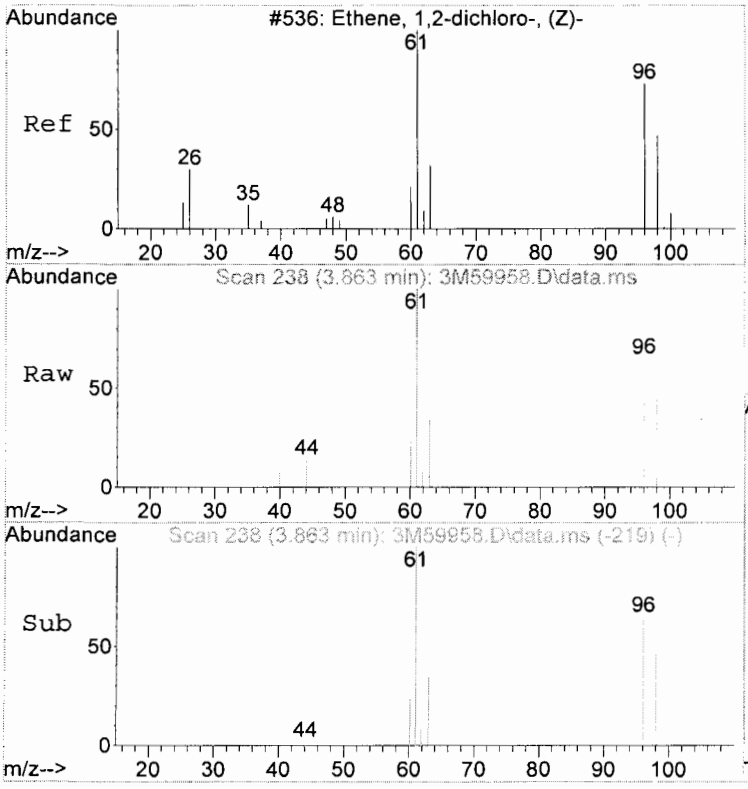


#6
Vinyl Chloride
Concen: 1.51 ug/l
RT: 1.592 min Scan# 35
Delta R.T. -0.101 min
Lab File: 3M59958.D
Acq: 27 Feb 2009 11:42

Tgt Ion: 62 Resp: 1804

Ion	Ratio	Lower	Upper
62	100		
64	38.0	0.0	74.0

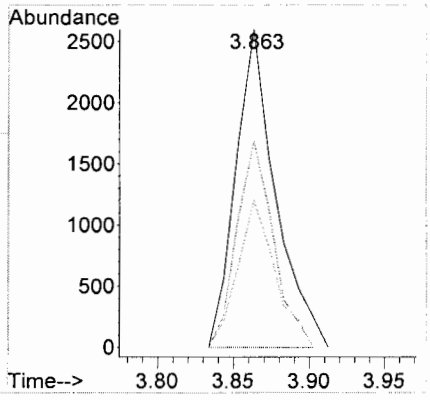


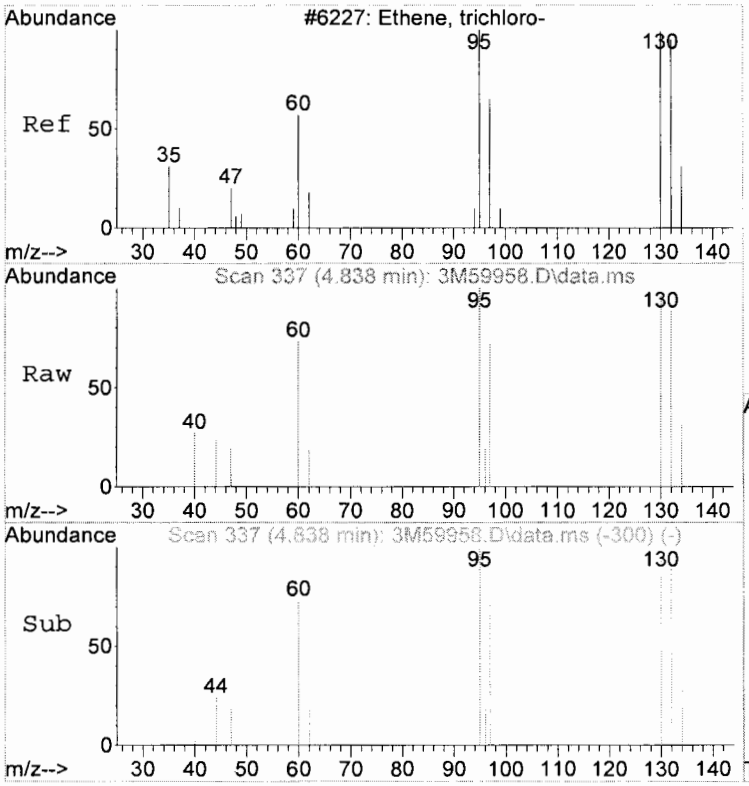


#24
cis-1,2-Dichloroethene
Concen: 1.67 ug/l
RT: 3.863 min Scan# 238
Delta R.T. -0.059 min
Lab File: 3M59958.D
Acq: 27 Feb 2009 11:42

Tgt Ion: 61 Resp: 4719

Ion	Ratio	Lower	Upper
61	100		
96	64.8	20.1	100.1
98	46.2	0.0	79.6

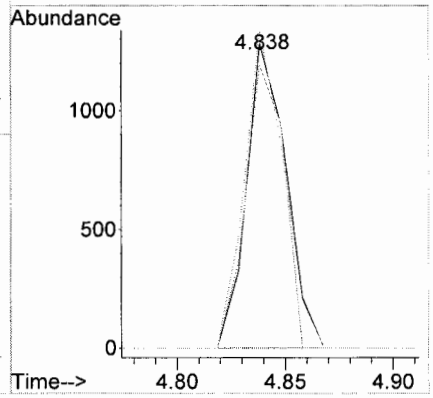


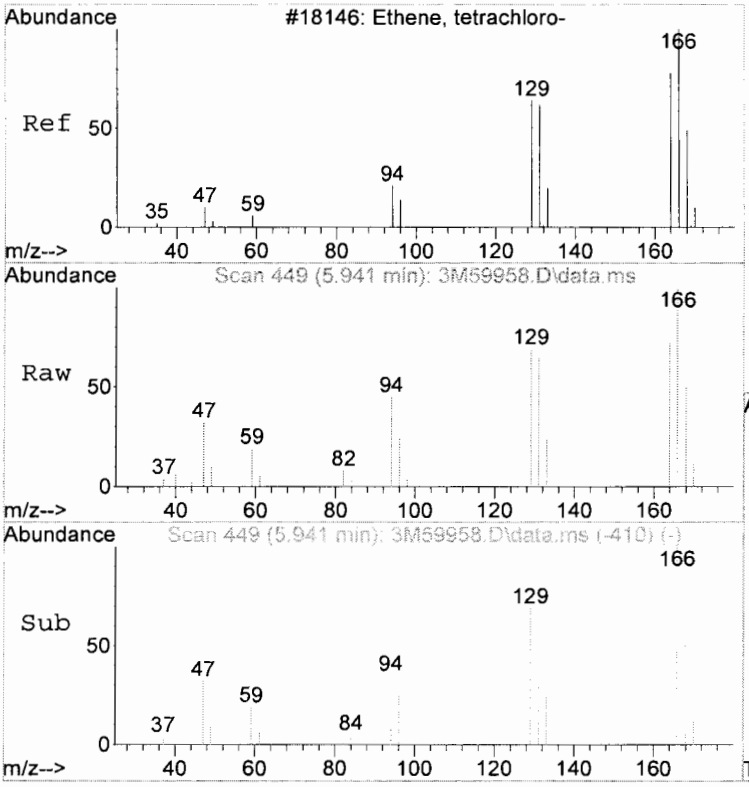


#42
Trichloroethene
Concen: 1.09 ug/l
RT: 4.838 min Scan# 337
Delta R.T. -0.039 min
Lab File: 3M59958.D
Acq: 27 Feb 2009 11:42

Tgt Ion:130 Resp: 1635

Ion	Ratio	Lower	Upper
130	100		
132	92.9	57.4	137.4
95	104.3	52.5	132.5

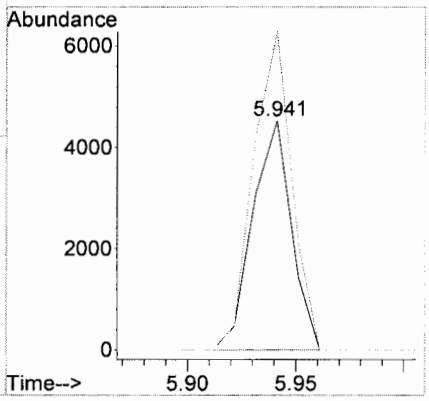




#55
Tetrachloroethene
Concen: 5.29 ug/l
RT: 5.941 min Scan# 449
Delta R.T. -0.019 min
Lab File: 3M59958.D
Acq: 27 Feb 2009 11:42

Tgt Ion:164 Resp: 5632

Ion	Ratio	Lower	Upper
164	100		
166	138.6	56.4	196.4



LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59958.D
Acq On : 27 Feb 2009 11:42
Operator : SG
Sample : AC42940-005
Misc : A,5ML!2
ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M59958.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.475	26	28	29	rBB	540	766	0.20%	0.035%
2	1.592	33	35	38	rBB	925	2538	0.67%	0.115%
3	2.228	71	72	74	rBV	1222	3749	0.99%	0.170%
4	2.268	74	76	79	rVV	1299	2938	0.78%	0.133%
5	2.317	79	81	83	rVV2	1016	2278	0.60%	0.103%
6	2.347	83	84	86	rVV	1089	1563	0.41%	0.071%
7	2.386	86	88	89	rVV	874	1464	0.39%	0.066%
8	2.406	89	90	91	rVV	985	1013	0.27%	0.046%
9	2.435	91	93	96	rVV2	925	2307	0.61%	0.105%
10	2.475	96	97	99	rVV	870	1377	0.37%	0.062%
11	2.524	99	102	106	rVV2	2072	5089	1.35%	0.231%
12	2.573	106	107	109	rVV	818	1103	0.29%	0.050%
13	2.622	109	112	113	rVV2	706	1436	0.38%	0.065%
14	2.672	113	117	118	rVV2	566	1399	0.37%	0.063%
15	2.691	118	119	121	rVV2	575	887	0.24%	0.040%
16	2.721	121	122	123	rVV	478	452	0.12%	0.020%
17	2.741	123	124	125	rVV	554	486	0.13%	0.022%
18	2.780	125	128	130	rVV2	418	852	0.23%	0.039%
19	2.859	134	136	138	rVV2	308	475	0.13%	0.022%
20	2.908	138	141	144	rVV2	275	640	0.17%	0.029%
21	2.957	144	146	147	rVV	84	69	0.02%	0.003%
22	2.987	147	149	151	rBV	229	256	0.07%	0.012%
23	3.026	151	153	155	rVB	306	387	0.10%	0.018%
24	3.066	155	157	159	rBV2	368	426	0.11%	0.019%
25	3.095	159	160	162	rBV2	175	240	0.06%	0.011%
26	3.125	162	163	164	rVB	571	337	0.09%	0.015%
27	3.154	164	166	168	rBV	456	959	0.25%	0.043%
28	3.184	168	169	171	rBV2	152	191	0.05%	0.009%
29	3.213	171	172	173	rVB	271	160	0.04%	0.007%
30	3.233	173	174	177	rBV2	130	232	0.06%	0.011%
31	3.272	177	178	180	rBV	185	255	0.07%	0.012%
32	3.302	180	181	183	rVB	340	265	0.07%	0.012%
33	3.341	183	185	186	rBV	179	262	0.07%	0.012%
34	3.361	186	187	188	rVB	466	275	0.07%	0.012%
35	3.381	188	189	191	rBV	358	467	0.12%	0.021%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59958.D
Acq On : 27 Feb 2009 11:42
Operator : SG
Sample : AC42940-005
Misc : A,5ML!2
ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

36	3.410	191	192	195	rBV2	151	255	0.07%	0.012%
37	3.450	195	196	198	rVB	190	210	0.06%	0.010%
38	3.489	198	200	201	rBV	128	94	0.02%	0.004%
39	3.528	203	204	206	rVB2	165	161	0.04%	0.007%
40	3.558	206	207	209	rBV	426	321	0.09%	0.015%
41	3.597	209	211	214	rVB	306	592	0.16%	0.027%
42	3.637	214	215	216	rBV	450	319	0.08%	0.014%
43	3.676	218	219	221	rBV	199	209	0.06%	0.009%
44	3.706	221	222	223	rVB	189	112	0.03%	0.005%
45	3.725	223	224	225	rBV	254	202	0.05%	0.009%
46	3.745	225	226	227	rBV	147	105	0.03%	0.005%
47	3.765	227	228	230	rVB2	108	108	0.03%	0.005%
48	3.794	230	231	232	rVB	260	154	0.04%	0.007%
49	3.814	232	233	235	rBV	364	445	0.12%	0.020%
50	3.863	235	238	243	rVB	7429	12803	3.40%	0.580%
51	3.952	243	247	249	rBV2	407	1255	0.33%	0.057%
52	4.031	252	255	256	rVB2	119	164	0.04%	0.007%
53	4.060	256	258	259	rVB	384	447	0.12%	0.020%
54	4.100	259	262	263	rBV2	255	468	0.12%	0.021%
55	4.119	263	264	265	rBV	220	183	0.05%	0.008%
56	4.149	265	267	268	rVB2	435	493	0.13%	0.022%
57	4.198	268	272	285	rBV	77139	141488	37.54%	6.410%
58	4.346	285	287	291	rVB	333	724	0.19%	0.033%
59	4.415	291	294	305	rBV	92611	150819	40.02%	6.833%
60	4.553	305	308	311	rBV2	274	518	0.14%	0.023%
61	4.622	311	315	318	rBV	259070	325091	86.26%	14.728%
62	4.720	324	325	326	rBV	332	234	0.06%	0.011%
63	4.750	327	328	330	rVB2	241	197	0.05%	0.009%
64	4.779	330	331	334	rVB2	316	467	0.12%	0.021%
65	4.838	334	337	340	rBV	7200	8952	2.38%	0.406%
66	4.907	340	344	347	rVB2	389	967	0.26%	0.044%
67	4.956	347	349	350	rBV	278	400	0.11%	0.018%
68	4.996	350	353	356	rVB2	473	991	0.26%	0.045%
69	5.035	356	357	358	rBV	496	319	0.08%	0.014%
70	5.055	358	359	360	rBV	254	282	0.07%	0.013%
71	5.085	360	362	363	rBV	75	76	0.02%	0.003%
72	5.114	363	365	368	rVB	296	498	0.13%	0.023%
73	5.173	368	371	373	rVB	194	301	0.08%	0.014%
74	5.222	373	376	378	rBV	380	696	0.18%	0.032%
75	5.262	378	380	382	rBV	303	463	0.12%	0.021%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59958.D
Acq On : 27 Feb 2009 11:42
Operator : SG
Sample : AC42940-005
Misc : A,5ML!2
ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

76	5.291	382	383	385	rBV	238	401	0.11%	0.018%
77	5.341	387	388	390	rVB	252	234	0.06%	0.011%
78	5.390	390	393	395	rVB	374	640	0.17%	0.029%
79	5.439	395	398	399	rBV	383	555	0.15%	0.025%
80	5.478	399	402	403	rBV	294	465	0.12%	0.021%
81	5.508	403	405	408	rVB	284	453	0.12%	0.021%
82	5.567	408	411	415	rBV	292366	376888	100.00%	17.075%
83	5.675	420	422	423	rVV2	907	1153	0.31%	0.052%
84	5.705	423	425	426	rVV	370	590	0.16%	0.027%
85	5.725	426	427	430	rVB2	533	757	0.20%	0.034%
86	5.774	430	432	434	rBV	359	544	0.14%	0.025%
87	5.823	434	437	438	rVB	450	595	0.16%	0.027%
88	5.863	438	441	445	rBV	261	660	0.18%	0.030%
89	5.941	445	449	452	rVB	34748	46323	12.29%	2.099%
90	5.981	452	453	455	rBV	301	283	0.08%	0.013%
91	6.010	455	456	458	rVV	394	358	0.09%	0.016%
92	6.040	458	459	464	rVV2	475	798	0.21%	0.036%
93	6.099	464	465	467	rVB	257	185	0.05%	0.008%
94	6.138	467	469	472	rBV	416	915	0.24%	0.041%
95	6.178	472	473	476	rVB2	471	725	0.19%	0.033%
96	6.227	476	478	480	rBV	380	744	0.20%	0.034%
97	6.257	480	481	482	rVV	335	353	0.09%	0.016%
98	6.286	483	484	485	rVV	303	233	0.06%	0.011%
99	6.306	485	486	487	rVV	210	239	0.06%	0.011%
100	6.335	487	489	490	rVB	355	347	0.09%	0.016%
101	6.434	496	499	507	rVB	296189	361649	95.96%	16.384%
102	6.522	507	508	510	rBV2	481	488	0.13%	0.022%
103	6.562	510	512	515	rVB	1837	2014	0.53%	0.091%
104	6.621	515	518	519	rVB	275	197	0.05%	0.009%
105	6.650	519	521	523	rVB	267	248	0.07%	0.011%
106	6.700	523	526	528	rBV	319	633	0.17%	0.029%
107	6.729	528	529	531	rVB	463	495	0.13%	0.022%
108	6.759	531	532	534	rBV	222	291	0.08%	0.013%
109	6.808	534	537	539	rVB	636	1203	0.32%	0.055%
110	6.857	539	542	544	rVB	185	265	0.07%	0.012%
111	6.907	544	547	549	rBV2	271	577	0.15%	0.026%
112	6.946	549	551	552	rVB	195	228	0.06%	0.010%
113	6.966	552	553	555	rBV	234	181	0.05%	0.008%
114	6.995	555	556	557	rVB	261	154	0.04%	0.007%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59958.D
Acq On : 27 Feb 2009 11:42
Operator : SG
Sample : AC42940-005
Misc : A,5ML!2
ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

115	7.025	557	559	562	rBV2	351	773	0.21%	0.035%
116	7.064	562	563	566	rVB	296	349	0.09%	0.016%
117	7.133	566	570	573	rBV	209627	255408	67.77%	11.571%
118	7.202	576	577	579	rBV	304	448	0.12%	0.020%
119	7.232	579	580	581	rVB	335	198	0.05%	0.009%
120	7.261	581	583	584	rBV	392	320	0.08%	0.014%
121	7.300	584	587	588	rBV2	325	399	0.11%	0.018%
122	7.330	588	590	592	rVB	1179	1431	0.38%	0.065%
123	7.360	592	593	594	rBV	370	402	0.11%	0.018%
124	7.409	597	598	599	rVB	62	37	0.01%	0.002%
125	7.438	599	601	603	rVB	192	217	0.06%	0.010%
126	7.468	603	604	607	rVB	362	515	0.14%	0.023%
127	7.517	607	609	611	rVB	425	479	0.13%	0.022%
128	7.566	611	614	616	rBV	452	491	0.13%	0.022%
129	7.596	616	617	618	rBV	308	203	0.05%	0.009%
130	7.625	618	620	624	rVB2	349	620	0.16%	0.028%
131	7.685	624	626	627	rBV2	295	294	0.08%	0.013%
132	7.714	627	629	630	rVB	438	502	0.13%	0.023%
133	7.754	630	633	636	rBV	619	1150	0.31%	0.052%
134	7.803	636	638	639	rVB	691	637	0.17%	0.029%
135	7.852	639	643	646	rBV	220619	297385	78.91%	13.473%
136	7.941	651	652	654	rBV	440	504	0.13%	0.023%
137	7.990	656	657	658	rVB	285	168	0.04%	0.008%
138	8.010	658	659	660	rBV	367	274	0.07%	0.012%
139	8.059	660	664	666	rVB	8759	11700	3.10%	0.530%
140	8.088	666	667	668	rBV	381	230	0.06%	0.010%
141	8.138	668	672	673	rBV	248	381	0.10%	0.017%
142	8.157	673	674	675	rVB	276	163	0.04%	0.007%
143	8.177	675	676	678	rBB	599	610	0.16%	0.028%
144	8.216	678	680	681	rBV	229	362	0.10%	0.016%
145	8.236	681	682	683	rVB	463	274	0.07%	0.012%
146	8.266	683	685	686	rVB	446	491	0.13%	0.022%
147	8.295	686	688	690	rBV	357	409	0.11%	0.019%
148	8.335	690	692	695	rVB2	590	1175	0.31%	0.053%
149	8.374	695	696	697	rBV2	634	532	0.14%	0.024%
150	8.404	697	699	701	rBV	342	610	0.16%	0.028%
151	8.443	701	703	705	rBV	1687	1991	0.53%	0.090%
152	8.482	705	707	710	rVB2	1028	1959	0.52%	0.089%
153	8.522	710	711	713	rBV2	231	343	0.09%	0.016%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59958.D
Acq On : 27 Feb 2009 11:42
Operator : SG
Sample : AC42940-005
Misc : A,5ML!2
ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

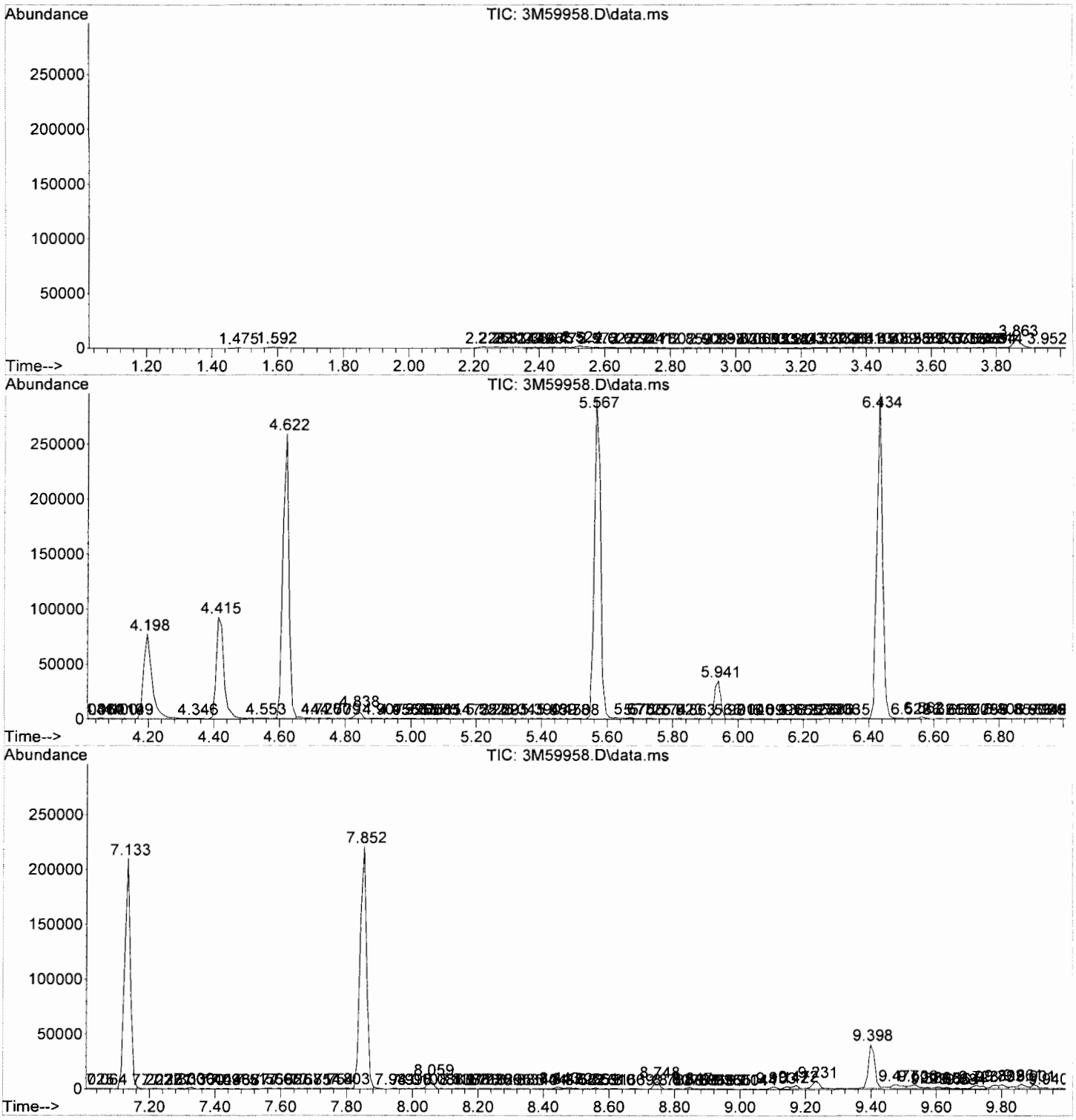
154	8.561	713	715	716	rVB	899	710	0.19%	0.032%
155	8.591	716	718	719	rBV	297	393	0.10%	0.018%
156	8.610	719	720	724	rVB	262	433	0.11%	0.020%
157	8.669	724	726	731	rBV	307	531	0.14%	0.024%
158	8.748	731	734	736	rVB	6961	8262	2.19%	0.374%
159	8.788	736	738	739	rBV	342	335	0.09%	0.015%
160	8.807	739	740	742	rVB	386	277	0.07%	0.013%
161	8.847	742	744	745	rBV	1708	1608	0.43%	0.073%
162	8.886	745	748	749	rVB	107	135	0.04%	0.006%
163	8.916	749	751	752	rVB	331	375	0.10%	0.017%
164	8.935	752	753	755	rBV	277	301	0.08%	0.014%
165	8.965	755	756	760	rVB	268	297	0.08%	0.013%
166	9.014	760	761	762	rBV	382	239	0.06%	0.011%
167	9.044	762	764	765	rBV	315	354	0.09%	0.016%
168	9.103	765	770	772	rBV	2017	3100	0.82%	0.140%
169	9.142	772	774	775	rBV	2309	2849	0.76%	0.129%
170	9.172	775	777	779	rVB2	2825	2933	0.78%	0.133%
171	9.231	779	783	786	rBV	6764	10060	2.67%	0.456%
172	9.398	797	800	804	rBV	39968	53752	14.26%	2.435%
173	9.477	806	808	811	rVV3	3242	7032	1.87%	0.319%
174	9.536	811	814	817	rVV2	3046	5892	1.56%	0.267%
175	9.576	817	818	819	rVV2	804	535	0.14%	0.024%
176	9.605	819	821	822	rVV	1392	1429	0.38%	0.065%
177	9.635	822	824	826	rVB2	882	1077	0.29%	0.049%
178	9.664	826	827	828	rVB	817	483	0.13%	0.022%
179	9.684	828	829	830	rBV	437	328	0.09%	0.015%
180	9.723	830	833	836	rBV2	2947	6142	1.63%	0.278%
181	9.773	836	838	840	rVV2	2678	4786	1.27%	0.217%
182	9.802	840	841	843	rVV	3411	3686	0.98%	0.167%
183	9.861	845	847	850	rVV3	3907	6317	1.68%	0.286%
184	9.901	850	851	853	rVV	3037	3470	0.92%	0.157%
185	9.940	853	855	857	rVB3	438	516	0.14%	0.023%

Sum of corrected areas: 2207308

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59958.D
Acq On : 27 Feb 2009 11:42
Operator : SG
Sample : AC42940-005
Misc : A,5ML!2
ALS Vial : 20 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59958.D
Acq On : 27 Feb 2009 11:42
Operator : SG
Sample : AC42940-005
Misc : A,5ML!2
ALS Vial : 20 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

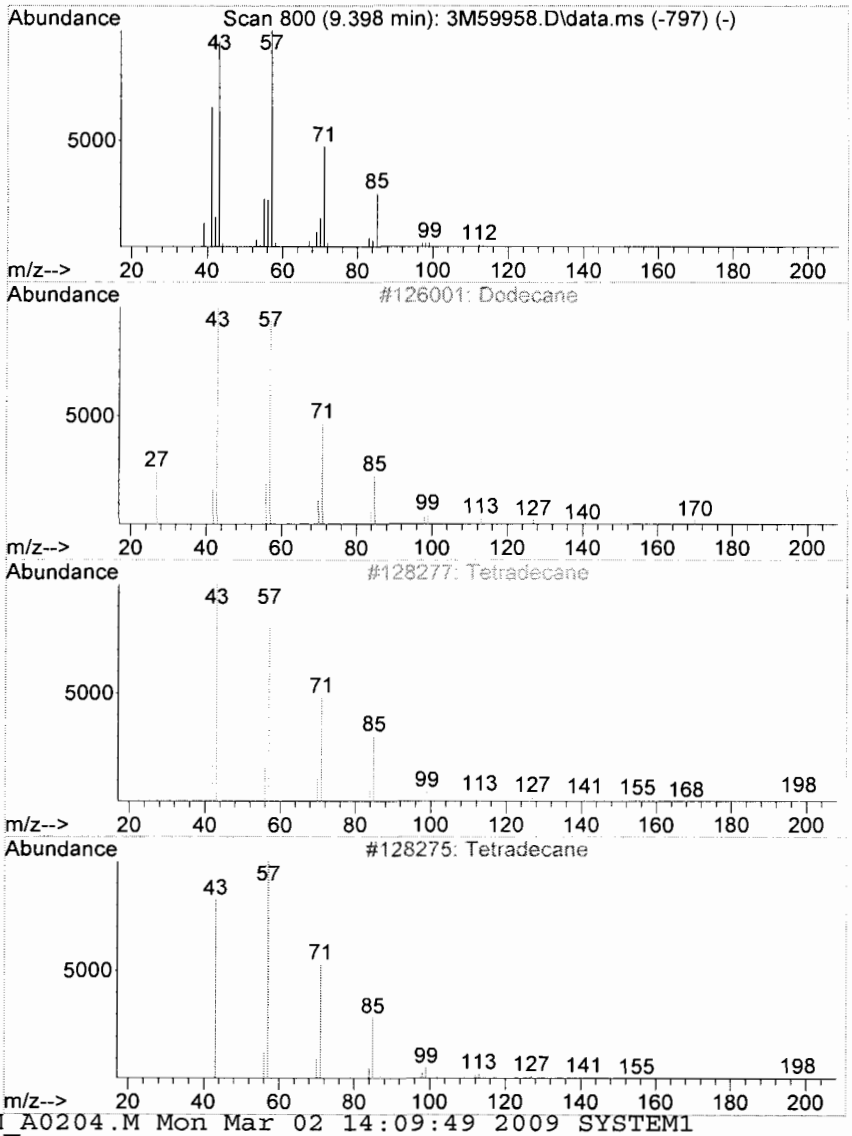
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

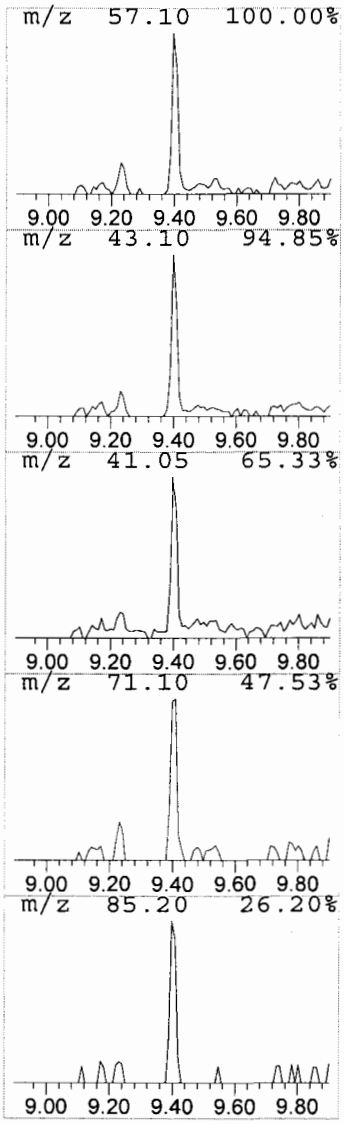
****

Peak Number 1 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	5.42 ug/l	53752	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Tetradecane	198	C14H30	000629-59-4	72
3	Tetradecane	198	C14H30	000629-59-4	64
4	Nonadecane	268	C19H40	000629-92-5	59
5	Heptadecane	240	C17H36	000629-78-7	59





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59958.D
Acq On : 27 Feb 2009 11:42
Operator : SG
Sample : AC42940-005
Misc : A,5ML!2
ALS Vial : 20 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc
Dodecane	9.40	5.4	ug/l	53752	3 7.85	7.85	297385	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 3M59959.D
Analysis Date: 02/27/09 11:59
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 3M59959.D
Analysis Date: 02/27/09 11:59
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

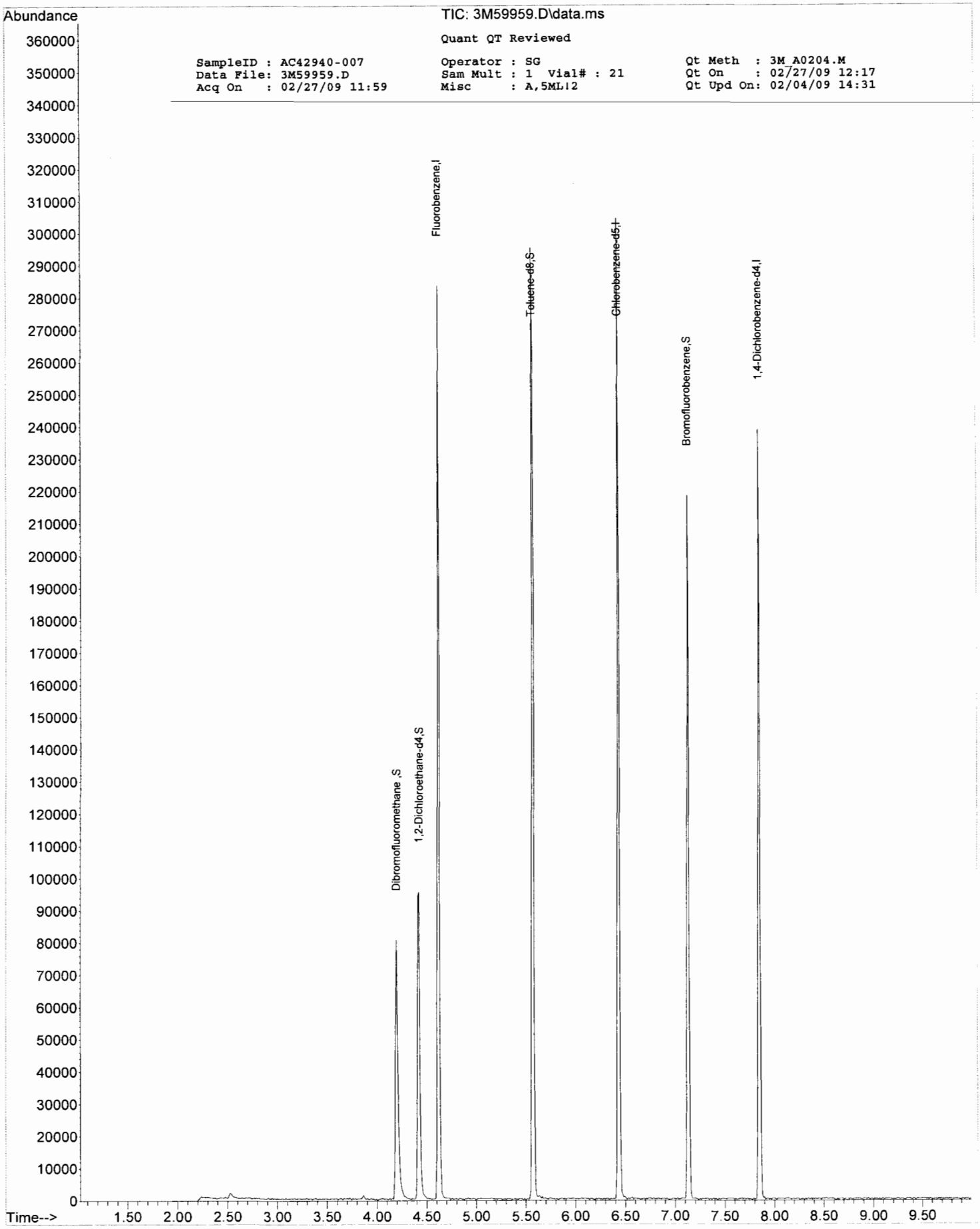
Quantitation Report (QT Reviewed)

SampleID : AC42940-007 Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59959.D Sam Mult : 1 Vial# : 21 Qt On : 02/27/09 12:17
Acq On : 02/27/09 11:59 Misc : A,5ML!2 Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.621	96	143006	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.433	117	104651	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.851	152	45894	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.197	111	46544	32.92	ug/l	-0.04
Spiked Amount 30.000			Recovery = 109.73%			
32) 1,2-Dichloroethane-d4	4.424	102	8978	29.73	ug/l	-0.03
Spiked Amount 30.000			Recovery = 99.10%			
56) Toluene-d8	5.566	100	86849	30.09	ug/l	-0.03
Spiked Amount 30.000			Recovery = 100.30%			
64) Bromofluorobenzene	7.132	174	42528	28.15	ug/l	-0.02
Spiked Amount 30.000			Recovery = 93.83%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M59959.D\data.ms
Quant QT Reviewed
SampleID : AC42940-007
Data File: 3M59959.D
Acq On : 02/27/09 11:59
Operator : SG
Sam Mult : 1 Vial# : 21
Misc : A,5ML;2
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 12:17
Qt Upd On: 02/04/09 14:31
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59959.D
Acq On : 27 Feb 2009 11:59
Operator : SG
Sample : AC42940-007
Misc : A,5ML!2
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M59959.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.237	71	73	75	rBV	1299	4264	1.07%	0.205%
2	2.267	75	76	77	rVV	1113	1172	0.30%	0.056%
3	2.306	77	80	82	rVV2	970	2421	0.61%	0.117%
4	2.375	86	87	89	rVV	410	404	0.10%	0.019%
5	2.425	89	92	96	rVV2	407	1150	0.29%	0.055%
6	2.474	96	97	100	rVV	325	292	0.07%	0.014%
7	2.523	100	102	107	rBV3	1504	3545	0.89%	0.171%
8	2.641	112	114	116	rVV	765	1509	0.38%	0.073%
9	2.681	116	118	120	rVV	726	1528	0.38%	0.074%
10	2.710	120	121	125	rVV2	728	1719	0.43%	0.083%
11	2.769	125	127	128	rVV	631	852	0.21%	0.041%
12	2.819	130	132	134	rVV	535	1079	0.27%	0.052%
13	2.848	134	135	138	rVV2	472	892	0.22%	0.043%
14	2.907	138	141	144	rVV	646	1316	0.33%	0.063%
15	2.947	144	145	146	rVV	525	427	0.11%	0.021%
16	2.976	146	148	149	rVV	403	516	0.13%	0.025%
17	2.996	149	150	152	rVV	363	512	0.13%	0.025%
18	3.025	152	153	154	rVV	269	251	0.06%	0.012%
19	3.045	154	155	158	rVV	319	450	0.11%	0.022%
20	3.084	158	159	160	rVV	385	292	0.07%	0.014%
21	3.114	160	162	163	rVV	209	333	0.08%	0.016%
22	3.144	163	165	166	rVV	286	344	0.09%	0.017%
23	3.173	166	168	169	rVV	272	354	0.09%	0.017%
24	3.222	169	173	176	rVV2	207	612	0.15%	0.029%
25	3.262	176	177	178	rVV	206	178	0.04%	0.009%
26	3.291	178	180	183	rVB2	219	307	0.08%	0.015%
27	3.341	183	185	186	rVB	415	459	0.12%	0.022%
28	3.380	186	189	192	rBV2	466	1110	0.28%	0.053%
29	3.419	192	193	195	rBV	336	388	0.10%	0.019%
30	3.459	195	197	198	rBV	245	218	0.05%	0.010%
31	3.478	198	199	203	rBV2	149	178	0.04%	0.009%
32	3.547	203	206	208	rBV	165	217	0.05%	0.010%
33	3.587	208	210	212	rVB	379	616	0.16%	0.030%
34	3.636	212	215	217	rVB	427	850	0.21%	0.041%
35	3.666	217	218	221	rBV2	428	858	0.22%	0.041%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59959.D
Acq On : 27 Feb 2009 11:59
Operator : SG
Sample : AC42940-007
Misc : A,5ML!2
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

36	3.705	221	222	223	rVB	150	89	0.02%	0.004%
37	3.725	223	224	226	rVB	587	593	0.15%	0.029%
38	3.754	226	227	228	rBV	425	374	0.09%	0.018%
39	3.784	228	230	231	rBV2	184	199	0.05%	0.010%
40	3.863	231	238	241	rVB3	1146	1622	0.41%	0.078%
41	3.902	241	242	244	rVB	285	244	0.06%	0.012%
42	3.941	244	246	247	rBV	331	393	0.10%	0.019%
43	3.961	247	248	250	rVB	317	339	0.09%	0.016%
44	3.991	250	251	252	rVB	333	197	0.05%	0.009%
45	4.030	252	255	256	rBV2	358	557	0.14%	0.027%
46	4.050	256	257	259	rVB	250	221	0.06%	0.011%
47	4.089	259	261	263	rVB2	287	386	0.10%	0.019%
48	4.128	263	265	266	rVB	455	291	0.07%	0.014%
49	4.158	266	268	269	rBV	395	475	0.12%	0.023%
50	4.197	269	272	287	rVB	80458	145935	36.75%	7.025%
51	4.355	287	288	291	rBV	179	207	0.05%	0.010%
52	4.424	291	295	305	rBV	95150	158671	39.96%	7.638%
53	4.532	305	306	308	rVB	192	164	0.04%	0.008%
54	4.621	312	315	324	rBV	283028	341776	86.08%	16.453%
55	4.719	324	325	327	rVB	547	606	0.15%	0.029%
56	4.749	327	328	330	rBV	375	528	0.13%	0.025%
57	4.798	330	333	335	rVB	308	622	0.16%	0.030%
58	4.828	335	336	341	rVB2	428	848	0.21%	0.041%
59	4.887	341	342	344	rBV	277	451	0.11%	0.022%
60	4.916	344	345	346	rBV	293	184	0.05%	0.009%
61	4.936	346	347	349	rVB	131	114	0.03%	0.005%
62	4.966	349	350	353	rVB	490	645	0.16%	0.031%
63	5.015	353	355	356	rBV	348	492	0.12%	0.024%
64	5.044	356	358	359	rBV	167	126	0.03%	0.006%
65	5.074	359	361	362	rBV	68	49	0.01%	0.002%
66	5.103	362	364	365	rVB2	107	116	0.03%	0.006%
67	5.123	365	366	367	rBV	114	92	0.02%	0.004%
68	5.153	367	369	371	rVB2	271	406	0.10%	0.020%
69	5.182	371	372	373	rVB2	291	172	0.04%	0.008%
70	5.202	373	374	375	rBV2	227	148	0.04%	0.007%
71	5.241	375	378	380	rVB	384	788	0.20%	0.038%
72	5.291	380	383	384	rBV	315	428	0.11%	0.021%
73	5.320	384	386	387	rBV	288	447	0.11%	0.022%
74	5.340	387	388	390	rVB	190	213	0.05%	0.010%
75	5.389	392	393	396	rVB	304	349	0.09%	0.017%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59959.D
Acq On : 27 Feb 2009 11:59
Operator : SG
Sample : AC42940-007
Misc : A,5ML!2
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

76	5.438	396	398	402	rBV2	321	731	0.18%	0.035%
77	5.488	402	403	404	rVB	410	242	0.06%	0.012%
78	5.566	408	411	415	rBV	294773	397052	100.00%	19.113%
79	5.665	420	421	422	rVB	602	355	0.09%	0.017%
80	5.694	422	424	427	rVB	376	532	0.13%	0.026%
81	5.744	427	429	430	rBV	449	551	0.14%	0.027%
82	5.763	430	431	433	rVB	242	259	0.07%	0.012%
83	5.813	433	436	437	rVB	295	375	0.09%	0.018%
84	5.862	437	441	443	rBV2	484	922	0.23%	0.044%
85	5.891	443	444	445	rVB	365	216	0.05%	0.010%
86	5.931	445	448	451	rBV	398	1103	0.28%	0.053%
87	5.970	451	452	455	rVB	334	479	0.12%	0.023%
88	6.010	455	456	458	rVB	264	266	0.07%	0.013%
89	6.059	458	461	462	rBV	352	585	0.15%	0.028%
90	6.088	462	464	467	rVB2	114	194	0.05%	0.009%
91	6.128	467	468	469	rVB	396	234	0.06%	0.011%
92	6.157	469	471	475	rVB	380	594	0.15%	0.029%
93	6.206	475	476	477	rBV	380	275	0.07%	0.013%
94	6.226	477	478	480	rBV	239	285	0.07%	0.014%
95	6.256	480	481	482	rVB	244	144	0.04%	0.007%
96	6.285	482	484	485	rVB	352	229	0.06%	0.011%
97	6.325	485	488	489	rBV	341	516	0.13%	0.025%
98	6.354	489	491	492	rBV	337	298	0.08%	0.014%
99	6.433	496	499	503	rBV	303804	364310	91.75%	17.537%
100	6.492	504	505	507	rVB	753	755	0.19%	0.036%
101	6.532	507	509	510	rVB	504	355	0.09%	0.017%
102	6.571	510	513	514	rVB2	639	936	0.24%	0.045%
103	6.591	514	515	521	rBV	354	833	0.21%	0.040%
104	6.660	521	522	523	rVB	103	61	0.02%	0.003%
105	6.689	523	525	526	rVB	297	338	0.09%	0.016%
106	6.709	526	527	528	rBV	374	291	0.07%	0.014%
107	6.738	528	530	533	rVB2	412	737	0.19%	0.035%
108	6.788	533	535	536	rVB	387	421	0.11%	0.020%
109	6.827	536	539	540	rBV	454	600	0.15%	0.029%
110	6.876	542	544	547	rVB	289	448	0.11%	0.022%
111	6.916	547	548	549	rVB	381	225	0.06%	0.011%
112	6.955	549	552	553	rBV	72	73	0.02%	0.004%
113	6.975	553	554	557	rVB	341	499	0.13%	0.024%
114	7.024	557	559	560	rBV	436	301	0.08%	0.014%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59959.D
Acq On : 27 Feb 2009 11:59
Operator : SG
Sample : AC42940-007
Misc : A,5ML!2
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

115	7.073	560	564	567	rBV2	363	947	0.24%	0.046%
116	7.132	567	570	573	rBV	217844	267592	67.39%	12.881%
117	7.250	580	582	583	rBV	320	271	0.07%	0.013%
118	7.280	583	585	586	rVV	360	516	0.13%	0.025%
119	7.329	586	590	591	rVV	423	848	0.21%	0.041%
120	7.349	591	592	594	rVV	292	325	0.08%	0.016%
121	7.388	594	596	597	rVV	375	506	0.13%	0.024%
122	7.408	597	598	600	rVB	603	582	0.15%	0.028%
123	7.438	600	601	602	rBV	604	544	0.14%	0.026%
124	7.477	602	605	609	rVV	445	913	0.23%	0.044%
125	7.526	609	610	612	rVV2	427	678	0.17%	0.033%
126	7.556	612	613	615	rVV	394	598	0.15%	0.029%
127	7.585	615	616	617	rVB	423	250	0.06%	0.012%
128	7.605	617	618	621	rBV	228	232	0.06%	0.011%
129	7.644	621	622	623	rVV	327	314	0.08%	0.015%
130	7.674	623	625	626	rVV	476	542	0.14%	0.026%
131	7.694	626	627	629	rVV	360	434	0.11%	0.021%
132	7.723	629	630	632	rVV	350	394	0.10%	0.019%
133	7.753	632	633	636	rVB	297	251	0.06%	0.012%
134	7.792	636	637	639	rBV	413	421	0.11%	0.020%
135	7.851	639	643	646	rVV	238595	305583	76.96%	14.710%
136	7.940	649	652	653	rVB	354	503	0.13%	0.024%
137	7.989	655	657	660	rBV2	381	789	0.20%	0.038%
138	8.038	660	662	663	rBV	402	382	0.10%	0.018%
139	8.068	663	665	666	rVV	306	463	0.12%	0.022%
140	8.127	668	671	675	rVB2	448	1122	0.28%	0.054%
141	8.196	675	678	679	rBV2	262	406	0.10%	0.020%
142	8.245	679	683	684	rVB	338	722	0.18%	0.035%
143	8.285	684	687	689	rVB	321	351	0.09%	0.017%
144	8.314	689	690	691	rBV	369	296	0.07%	0.014%
145	8.344	691	693	694	rBV	316	216	0.05%	0.010%
146	8.373	694	696	697	rVB	362	283	0.07%	0.014%
147	8.393	697	698	699	rBV	296	200	0.05%	0.010%
148	8.413	699	700	702	rVB	251	244	0.06%	0.012%
149	8.442	702	703	706	rVB	337	522	0.13%	0.025%
150	8.501	706	709	710	rBV2	347	705	0.18%	0.034%
151	8.531	710	712	713	rVV	396	506	0.13%	0.024%
152	8.570	713	716	717	rVV	327	480	0.12%	0.023%
153	8.590	717	718	721	rVB	687	934	0.24%	0.045%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59959.D
Acq On : 27 Feb 2009 11:59
Operator : SG
Sample : AC42940-007
Misc : A,5ML!2
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

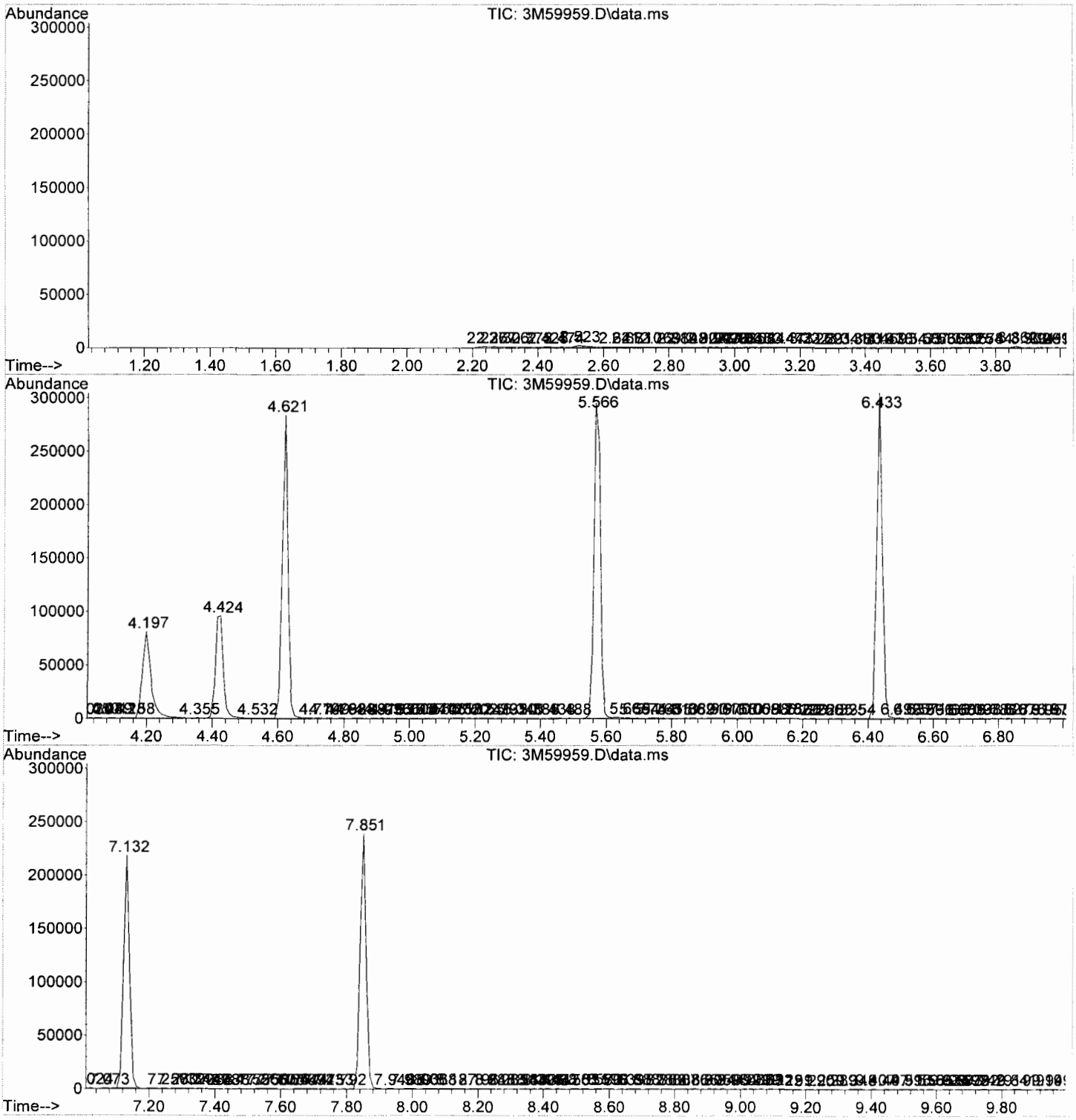
154	8.639	721	723	724	rBV	551	614	0.15%	0.030%
155	8.688	726	728	730	rVB	411	417	0.11%	0.020%
156	8.728	730	732	735	rBV	220	496	0.12%	0.024%
157	8.767	735	736	739	rVB	253	194	0.05%	0.009%
158	8.807	739	740	741	rBV	226	189	0.05%	0.009%
159	8.836	741	743	744	rVV	223	258	0.06%	0.012%
160	8.866	744	746	749	rVB	266	333	0.08%	0.016%
161	8.905	749	750	753	rVB	393	577	0.15%	0.028%
162	8.944	753	754	756	rVB	440	453	0.11%	0.022%
163	8.984	756	758	760	rBV	319	344	0.09%	0.017%
164	9.033	760	763	765	rBV	324	493	0.12%	0.024%
165	9.063	765	766	767	rVB	615	363	0.09%	0.017%
166	9.092	767	769	771	rBV	687	921	0.23%	0.044%
167	9.122	771	772	773	rBV	340	279	0.07%	0.013%
168	9.151	773	775	779	rVB	305	638	0.16%	0.031%
169	9.220	779	782	783	rBV	58	89	0.02%	0.004%
170	9.250	783	785	787	rBV	362	486	0.12%	0.023%
171	9.289	787	789	792	rVB	401	517	0.13%	0.025%
172	9.348	792	795	799	rBV	447	1209	0.30%	0.058%
173	9.407	799	801	803	rVB	452	529	0.13%	0.025%
174	9.447	803	805	809	rBV2	355	941	0.24%	0.045%
175	9.516	809	812	815	rVB2	417	1014	0.26%	0.049%
176	9.555	815	816	817	rBV	451	284	0.07%	0.014%
177	9.585	817	819	821	rVB	282	322	0.08%	0.016%
178	9.634	821	824	826	rVB	312	421	0.11%	0.020%
179	9.673	826	828	829	rBV	347	427	0.11%	0.021%
180	9.693	829	830	832	rBV	331	304	0.08%	0.015%
181	9.722	832	833	834	rVB	196	116	0.03%	0.006%
182	9.742	834	835	837	rBV	339	334	0.08%	0.016%
183	9.791	837	840	843	rVB	218	574	0.14%	0.028%
184	9.841	843	845	847	rBV	287	499	0.13%	0.024%
185	9.919	850	853	854	rBV	406	540	0.14%	0.026%
186	9.949	854	856	857	rBV	336	511	0.13%	0.025%

Sum of corrected areas: 2077341

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59959.D
Acq On : 27 Feb 2009 11:59
Operator : SG
Sample : AC42940-007
Misc : A,5ML!2
ALS Vial : 21 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59959.D
Acq On : 27 Feb 2009 11:59
Operator : SG
Sample : AC42940-007
Misc : A,5ML!2
ALS Vial : 21 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-009
Client Id: MW-5 U
Data File: 3M59951.D
Analysis Date: 02/27/09 09:43
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-009
Client Id: MW-5 U
Data File: 3M59951.D
Analysis Date: 02/27/09 09:43
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

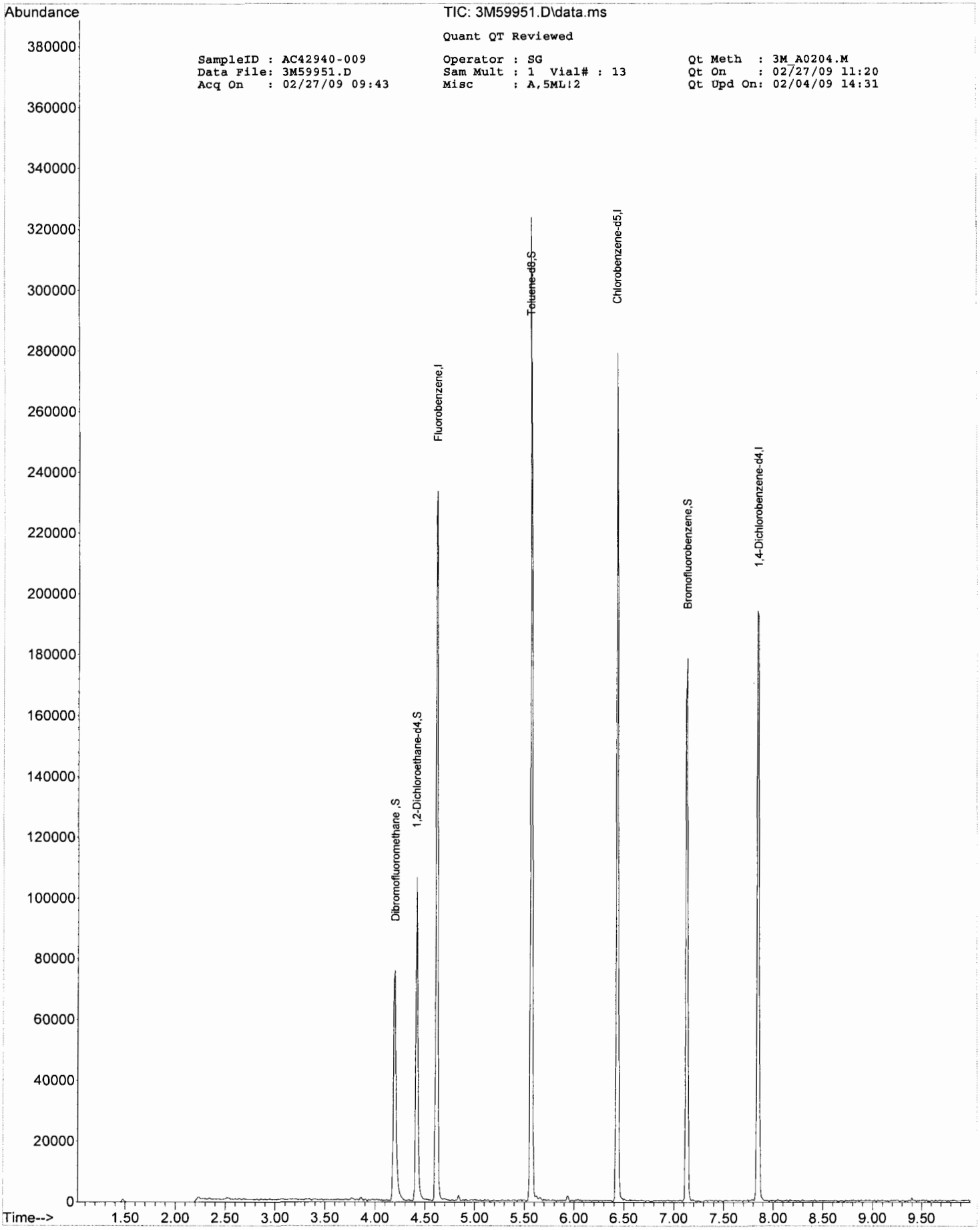
Quantitation Report (QT Reviewed)

SampleID : AC42940-009 Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59951.D Sam Mult : 1 Vial# : 13 Qt On : 02/27/09 11:20
Acq On : 02/27/09 09:43 Misc : A,5ML!2 Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.622	96	141569	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.434	117	100390	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.852	152	44019	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.198	111	46121	32.95	ug/l	-0.04
Spiked Amount 30.000			Recovery = 109.83%			
32) 1,2-Dichloroethane-d4	4.415	102	8847	29.59	ug/l	-0.04
Spiked Amount 30.000			Recovery = 98.63%			
56) Toluene-d8	5.567	100	83021	29.99	ug/l	-0.03
Spiked Amount 30.000			Recovery = 99.97%			
64) Bromofluorobenzene	7.133	174	40245	27.77	ug/l	-0.02
Spiked Amount 30.000			Recovery = 92.57%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M59951.D\data.ms
Quant QT Reviewed
SampleID : AC42940-009
Data File: 3M59951.D
Acq On : 02/27/09 09:43
Operator : SG
Sam Mult : 1 Vial# : 13
Misc : A,5ML!2
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 11:20
Qt Upd On: 02/04/09 14:31
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59951.D
Acq On : 27 Feb 2009 9:43
Operator : SG
Sample : AC42940-009
Misc : A,5ML!2
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M59951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.475	27	28	30	rBB	981	1354	0.36%	0.066%
2	2.229	71	72	76	rBV2	1724	6222	1.64%	0.305%
3	2.278	76	77	81	rVV2	1229	3261	0.86%	0.160%
4	2.347	81	84	86	rVV	1338	3296	0.87%	0.161%
5	2.396	88	89	91	rVV	1113	1815	0.48%	0.089%
6	2.426	91	92	96	rVV2	1060	2806	0.74%	0.137%
7	2.494	97	99	100	rVV	1087	1727	0.46%	0.085%
8	2.514	100	101	102	rVV	1393	1591	0.42%	0.078%
9	2.563	105	106	109	rVV	1024	2113	0.56%	0.104%
10	2.603	109	110	112	rVV	1074	1591	0.42%	0.078%
11	2.642	112	114	117	rVV	1050	2572	0.68%	0.126%
12	2.691	117	119	122	rVV2	1035	2580	0.68%	0.126%
13	2.741	122	124	125	rVV	799	1364	0.36%	0.067%
14	2.770	125	127	129	rVV2	787	1696	0.45%	0.083%
15	2.820	129	132	134	rVV2	784	1985	0.52%	0.097%
16	2.859	134	136	139	rVV	900	2078	0.55%	0.102%
17	2.898	139	140	142	rVV	840	1247	0.33%	0.061%
18	2.948	142	145	148	rVV2	904	2498	0.66%	0.122%
19	2.987	148	149	152	rVV2	723	1555	0.41%	0.076%
20	3.036	152	154	155	rVV	742	1165	0.31%	0.057%
21	3.076	157	158	162	rVV2	715	1799	0.47%	0.088%
22	3.174	162	168	169	rVV2	762	2523	0.67%	0.124%
23	3.213	169	172	174	rVV2	697	1734	0.46%	0.085%
24	3.243	174	175	177	rVV2	601	977	0.26%	0.048%
25	3.273	177	178	179	rVV	602	583	0.15%	0.029%
26	3.312	179	182	183	rVV2	837	1395	0.37%	0.068%
27	3.341	183	185	188	rVV	839	1549	0.41%	0.076%
28	3.391	188	190	195	rVV2	669	2163	0.57%	0.106%
29	3.470	195	198	199	rVV	659	1104	0.29%	0.054%
30	3.509	199	202	205	rVV	507	1394	0.37%	0.068%
31	3.548	205	206	209	rVV2	378	798	0.21%	0.039%
32	3.598	209	211	213	rVV2	402	834	0.22%	0.041%
33	3.627	213	214	216	rVV2	570	824	0.22%	0.040%
34	3.666	216	218	220	rVV	334	745	0.20%	0.036%
35	3.706	220	222	225	rVV2	487	1145	0.30%	0.056%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59951.D
Acq On : 27 Feb 2009 9:43
Operator : SG
Sample : AC42940-009
Misc : A,5ML!2
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

36	3.765	225	228	232	rVV2	850	2190	0.58%	0.107%
37	3.824	232	234	235	rVV2	443	584	0.15%	0.029%
38	3.863	235	238	240	rVV	1013	1598	0.42%	0.078%
39	3.903	240	242	244	rVB	611	797	0.21%	0.039%
40	3.932	244	245	247	rBV	433	631	0.17%	0.031%
41	3.982	247	250	251	rVV	425	694	0.18%	0.034%
42	4.021	251	254	255	rVV	355	572	0.15%	0.028%
43	4.041	255	256	258	rVV	252	250	0.07%	0.012%
44	4.070	258	259	260	rVB	283	167	0.04%	0.008%
45	4.120	260	264	265	rBV	265	355	0.09%	0.017%
46	4.149	265	267	268	rBV	81	92	0.02%	0.005%
47	4.198	268	272	284	rVB	75536	143707	37.93%	7.040%
48	4.336	284	286	288	rBV	297	307	0.08%	0.015%
49	4.415	291	294	303	rVV	106099	150186	39.64%	7.357%
50	4.513	303	304	307	rVB2	520	612	0.16%	0.030%
51	4.553	307	308	311	rBV	249	141	0.04%	0.007%
52	4.622	311	315	318	rBV	233270	333710	88.08%	16.348%
53	4.691	321	322	328	rVB3	646	1501	0.40%	0.074%
54	4.779	328	331	333	rBV2	223	456	0.12%	0.022%
55	4.809	333	334	335	rVB2	161	95	0.03%	0.005%
56	4.838	335	337	339	rBV	1748	1950	0.51%	0.096%
57	4.888	339	342	343	rVB2	207	188	0.05%	0.009%
58	4.917	343	345	346	rVB2	281	240	0.06%	0.012%
59	4.937	346	347	348	rBV2	130	82	0.02%	0.004%
60	4.976	348	351	352	rBV2	257	389	0.10%	0.019%
61	5.006	352	354	355	rVB2	197	152	0.04%	0.007%
62	5.065	358	360	361	rVB	412	407	0.11%	0.020%
63	5.104	361	364	366	rBV	534	811	0.21%	0.040%
64	5.134	366	367	369	rVB	434	501	0.13%	0.025%
65	5.193	369	373	377	rBV2	357	1046	0.28%	0.051%
66	5.242	377	378	380	rBV2	229	304	0.08%	0.015%
67	5.282	380	382	383	rBV	248	207	0.05%	0.010%
68	5.311	383	385	386	rBV	74	89	0.02%	0.004%
69	5.341	386	388	390	rVB	165	151	0.04%	0.007%
70	5.390	390	393	395	rBV	156	272	0.07%	0.013%
71	5.420	395	396	397	rVB	323	191	0.05%	0.009%
72	5.449	397	399	400	rBV	394	648	0.17%	0.032%
73	5.469	400	401	402	rVB	404	239	0.06%	0.012%
74	5.489	402	403	408	rBV2	342	639	0.17%	0.031%
75	5.567	408	411	415	rBV	323342	378862	100.00%	18.560%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59951.D
Acq On : 27 Feb 2009 9:43
Operator : SG
Sample : AC42940-009
Misc : A,5ML!2
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

76	5.626	415	417	419	rVV2	983	1239	0.33%	0.061%
77	5.656	419	420	423	rVB2	942	1336	0.35%	0.065%
78	5.695	423	424	427	rBV2	368	516	0.14%	0.025%
79	5.745	427	429	431	rVB	264	219	0.06%	0.011%
80	5.784	431	433	437	rVB2	374	801	0.21%	0.039%
81	5.833	437	438	439	rBV	321	285	0.08%	0.014%
82	5.863	439	441	442	rBV	190	173	0.05%	0.008%
83	5.882	442	443	446	rBV	124	143	0.04%	0.007%
84	5.942	446	449	451	rVB2	1677	2352	0.62%	0.115%
85	5.991	451	454	455	rBV	371	559	0.15%	0.027%
86	6.020	455	457	458	rBV2	368	619	0.16%	0.030%
87	6.040	458	459	461	rVB2	430	356	0.09%	0.017%
88	6.070	461	462	463	rVB	391	231	0.06%	0.011%
89	6.099	463	465	467	rBV	318	556	0.15%	0.027%
90	6.129	467	468	471	rVB2	78	129	0.03%	0.006%
91	6.168	471	472	473	rVB	378	223	0.06%	0.011%
92	6.188	473	474	475	rBV	339	358	0.09%	0.018%
93	6.217	475	477	478	rVB2	100	110	0.03%	0.005%
94	6.237	478	479	480	rVB	275	163	0.04%	0.008%
95	6.257	480	481	484	rBV2	292	440	0.12%	0.022%
96	6.306	484	486	487	rBV	242	382	0.10%	0.019%
97	6.326	487	488	490	rBV2	41	61	0.02%	0.003%
98	6.355	490	491	492	rVB	64	38	0.01%	0.002%
99	6.434	495	499	502	rBV	278967	354615	93.60%	17.372%
100	6.503	505	506	511	rVB2	577	555	0.15%	0.027%
101	6.562	511	512	513	rVB2	299	177	0.05%	0.009%
102	6.611	515	517	521	rVB2	129	180	0.05%	0.009%
103	6.680	521	524	525	rVB	218	225	0.06%	0.011%
104	6.700	525	526	528	rVB	355	418	0.11%	0.020%
105	6.739	528	530	533	rBV2	430	866	0.23%	0.042%
106	6.798	534	536	538	rBV	337	497	0.13%	0.024%
107	6.838	538	540	542	rVB	149	167	0.04%	0.008%
108	6.877	542	544	545	rVB	283	273	0.07%	0.013%
109	6.907	545	547	548	rVB	247	267	0.07%	0.013%
110	6.946	548	551	552	rBV2	371	622	0.16%	0.030%
111	6.966	552	553	555	rVB	250	248	0.07%	0.012%
112	6.995	555	556	558	rBV	309	354	0.09%	0.017%
113	7.025	558	559	561	rBV	197	259	0.07%	0.013%
114	7.074	561	564	566	rBV2	189	277	0.07%	0.014%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59951.D
Acq On : 27 Feb 2009 9:43
Operator : SG
Sample : AC42940-009
Misc : A,5ML!2
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

115	7.133	566	570	573	rBV	178287	254673	67.22%	12.476%
116	7.192	575	576	579	rVB	640	752	0.20%	0.037%
117	7.251	579	582	584	rBV	361	508	0.13%	0.025%
118	7.330	584	590	591	rBV	438	798	0.21%	0.039%
119	7.350	591	592	595	rBV2	441	884	0.23%	0.043%
120	7.419	598	599	602	rVB2	458	717	0.19%	0.035%
121	7.458	602	603	607	rBV2	396	747	0.20%	0.037%
122	7.517	607	609	611	rBV2	391	782	0.21%	0.038%
123	7.567	613	614	615	rVB	119	70	0.02%	0.003%
124	7.606	615	618	622	rVB2	326	733	0.19%	0.036%
125	7.665	622	624	627	rVB	239	485	0.13%	0.024%
126	7.704	627	628	630	rBV	289	386	0.10%	0.019%
127	7.744	630	632	633	rVB	362	311	0.08%	0.015%
128	7.793	633	637	639	rBV2	370	1008	0.27%	0.049%
129	7.842	639	642	646	rBV	193809	290534	76.69%	14.233%
130	7.941	651	652	654	rVB	342	359	0.09%	0.018%
131	7.980	654	656	657	rBV	342	460	0.12%	0.023%
132	8.000	657	658	660	rVB	353	398	0.11%	0.019%
133	8.049	660	663	665	rBV2	650	1107	0.29%	0.054%
134	8.079	665	666	667	rVB	281	166	0.04%	0.008%
135	8.118	667	670	671	rBV	294	358	0.09%	0.018%
136	8.138	671	672	674	rVB	494	400	0.11%	0.020%
137	8.167	674	675	679	rBV	502	973	0.26%	0.048%
138	8.226	679	681	682	rVB2	333	327	0.09%	0.016%
139	8.256	682	684	685	rBV	316	307	0.08%	0.015%
140	8.295	685	688	691	rBV	438	760	0.20%	0.037%
141	8.335	691	692	694	rVB	183	204	0.05%	0.010%
142	8.364	694	695	696	rVB	250	148	0.04%	0.007%
143	8.384	696	697	699	rBV	279	298	0.08%	0.015%
144	8.423	699	701	702	rVB	418	420	0.11%	0.021%
145	8.492	702	708	709	rBV2	333	907	0.24%	0.044%
146	8.532	709	712	714	rBV2	205	422	0.11%	0.021%
147	8.561	714	715	716	rVB2	157	93	0.02%	0.005%
148	8.601	716	719	720	rVB	303	489	0.13%	0.024%
149	8.620	720	721	725	rVB2	379	551	0.15%	0.027%
150	8.689	725	728	731	rVB	343	730	0.19%	0.036%
151	8.729	731	732	735	rBV2	447	737	0.19%	0.036%
152	8.788	735	738	739	rBV	262	283	0.07%	0.014%
153	8.808	739	740	743	rVB2	296	340	0.09%	0.017%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59951.D
Acq On : 27 Feb 2009 9:43
Operator : SG
Sample : AC42940-009
Misc : A,5ML!2
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

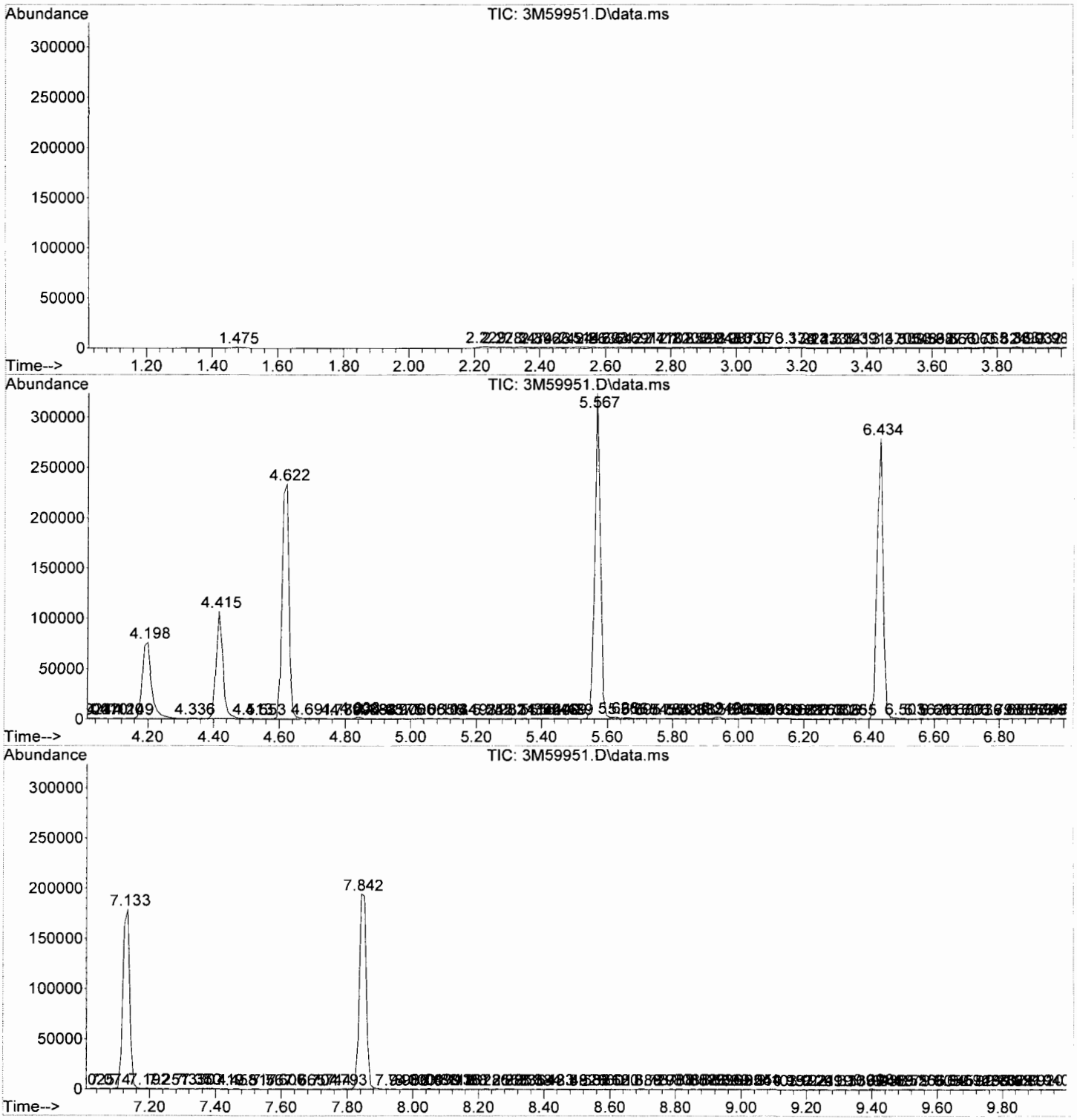
154	8.857	743	745	746	rVB	394	411	0.11%	0.020%
155	8.886	746	748	752	rBV2	441	1174	0.31%	0.058%
156	8.936	752	753	755	rVB	238	184	0.05%	0.009%
157	8.965	755	756	758	rBV	158	164	0.04%	0.008%
158	8.995	758	759	760	rVB	316	187	0.05%	0.009%
159	9.024	760	762	763	rVB	409	446	0.12%	0.022%
160	9.054	763	765	767	rBV	479	628	0.17%	0.031%
161	9.103	767	770	774	rVB	381	952	0.25%	0.047%
162	9.152	774	775	776	rVB	337	199	0.05%	0.010%
163	9.192	776	779	780	rBV	467	649	0.17%	0.032%
164	9.221	780	782	783	rBV	142	215	0.06%	0.011%
165	9.241	783	784	788	rVB2	466	751	0.20%	0.037%
166	9.310	788	791	793	rVB2	435	884	0.23%	0.043%
167	9.339	793	794	795	rBV2	323	290	0.08%	0.014%
168	9.369	795	797	799	rBV2	319	485	0.13%	0.024%
169	9.398	799	800	803	rBV	1072	988	0.26%	0.048%
170	9.438	803	804	805	rVB	382	226	0.06%	0.011%
171	9.458	805	806	807	rBV	431	306	0.08%	0.015%
172	9.477	807	808	809	rBV	355	311	0.08%	0.015%
173	9.526	809	813	814	rVB	355	642	0.17%	0.031%
174	9.556	814	816	817	rVB	509	547	0.14%	0.027%
175	9.605	817	821	823	rBV	377	719	0.19%	0.035%
176	9.645	823	825	827	rBV	406	415	0.11%	0.020%
177	9.694	827	830	831	rBV	366	558	0.15%	0.027%
178	9.723	831	833	837	rVB	339	759	0.20%	0.037%
179	9.773	837	838	839	rVB	379	224	0.06%	0.011%
180	9.802	839	841	842	rBV	387	520	0.14%	0.025%
181	9.822	842	843	845	rBV	247	235	0.06%	0.012%
182	9.851	845	846	847	rVB	350	207	0.05%	0.010%
183	9.891	847	850	851	rBV	214	379	0.10%	0.019%
184	9.920	851	853	854	rVB	358	256	0.07%	0.013%
185	9.940	854	855	857	rBV2	291	401	0.11%	0.020%

Sum of corrected areas: 2041322

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59951.D
Acq On : 27 Feb 2009 9:43
Operator : SG
Sample : AC42940-009
Misc : A,5ML!2
ALS Vial : 13 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

0193

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59951.D
Acq On : 27 Feb 2009 9:43
Operator : SG
Sample : AC42940-009
Misc : A,5ML!2
ALS Vial : 13 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 3M59957.D
Analysis Date: 02/27/09 11:25
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 3M59957.D
Analysis Date: 02/27/09 11:25
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

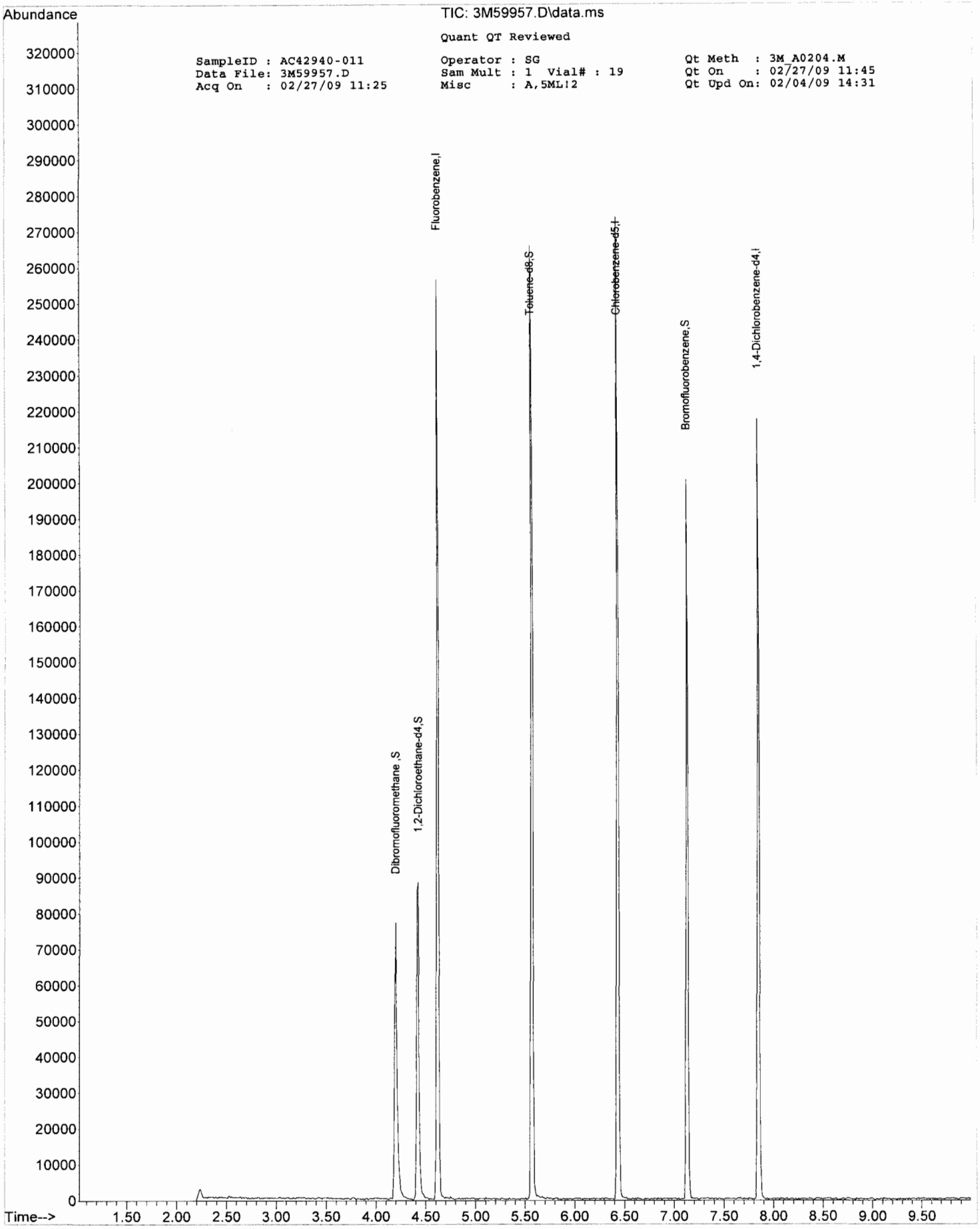
Quantitation Report (QT Reviewed)

SampleID : AC42940-011 Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59957.D Sam Mult : 1 Vial# : 19 Qt On : 02/27/09 11:45
Acq On : 02/27/09 11:25 Misc : A,5ML!2 Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.621	96	132860	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.433	117	94343	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.851	152	41942	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.197	111	42617	32.44	ug/l	-0.04
Spiked Amount 30.000			Recovery = 108.13%			
32) 1,2-Dichloroethane-d4	4.424	102	7969	28.40	ug/l	-0.03
Spiked Amount 30.000			Recovery = 94.67%			
56) Toluene-d8	5.566	100	78178	30.05	ug/l	-0.03
Spiked Amount 30.000			Recovery = 100.17%			
64) Bromofluorobenzene	7.132	174	38313	27.75	ug/l	-0.02
Spiked Amount 30.000			Recovery = 92.50%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M59957.D\data.ms
Quant QT Reviewed
SampleID : AC42940-011
Data File: 3M59957.D
Acq On : 02/27/09 11:25
Operator : SG
Sam Mult : 1 Vial# : 19
Misc : A,5ML!2
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 11:45
Qt Upd On: 02/04/09 14:31
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59957.D
Acq On : 27 Feb 2009 11:25
Operator : SG
Sample : AC42940-011
Misc : A,5ML!2
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M59957.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.237	71	73	78	rBV2	3327	10246	2.87%	0.518%
2	2.296	78	79	80	rVV	833	814	0.23%	0.041%
3	2.336	80	83	84	rVV2	748	1582	0.44%	0.080%
4	2.365	84	86	87	rVV	692	899	0.25%	0.045%
5	2.395	87	89	90	rVV	482	642	0.18%	0.032%
6	2.424	90	92	93	rVV	385	454	0.13%	0.023%
7	2.444	93	94	96	rVB	282	365	0.10%	0.018%
8	2.523	101	102	104	rVV2	1348	2105	0.59%	0.106%
9	2.592	106	109	111	rVV2	969	2729	0.76%	0.138%
10	2.641	111	114	115	rVV2	1167	2267	0.63%	0.115%
11	2.661	115	116	118	rVV	953	1558	0.44%	0.079%
12	2.690	118	119	123	rVV	991	2397	0.67%	0.121%
13	2.759	123	126	127	rVV	903	1735	0.49%	0.088%
14	2.789	127	129	130	rVV	835	1348	0.38%	0.068%
15	2.818	130	132	134	rVV	1005	2018	0.57%	0.102%
16	2.858	134	136	137	rVV2	770	1248	0.35%	0.063%
17	2.877	137	138	139	rVV	850	943	0.26%	0.048%
18	2.917	139	142	143	rVV2	865	1879	0.53%	0.095%
19	2.936	143	144	148	rVV	770	2201	0.62%	0.111%
20	2.986	148	149	150	rVV	849	898	0.25%	0.045%
21	3.035	150	154	156	rVV2	1003	2855	0.80%	0.144%
22	3.074	156	158	159	rVV2	813	1324	0.37%	0.067%
23	3.114	159	162	165	rVV2	946	2731	0.76%	0.138%
24	3.173	167	168	170	rVV	890	1283	0.36%	0.065%
25	3.212	170	172	173	rVV2	987	1499	0.42%	0.076%
26	3.242	173	175	176	rVV	978	1530	0.43%	0.077%
27	3.261	176	177	181	rVV2	908	2372	0.66%	0.120%
28	3.321	181	183	186	rVV	748	1946	0.54%	0.098%
29	3.370	186	188	190	rVV	819	1521	0.43%	0.077%
30	3.419	190	193	197	rVV2	897	3020	0.85%	0.153%
31	3.468	197	198	199	rVV	786	901	0.25%	0.046%
32	3.498	199	201	202	rVV2	823	1361	0.38%	0.069%
33	3.517	202	203	204	rVV	884	858	0.24%	0.043%
34	3.547	204	206	208	rVV2	715	1543	0.43%	0.078%
35	3.577	208	209	211	rVV	672	1132	0.32%	0.057%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59957.D
Acq On : 27 Feb 2009 11:25
Operator : SG
Sample : AC42940-011
Misc : A,5ML!2
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

36	3.616	211	213	218	rVV2	672	2416	0.68%	0.122%
37	3.714	218	223	226	rVV2	697	2488	0.70%	0.126%
38	3.774	226	229	232	rVV2	856	2177	0.61%	0.110%
39	3.813	232	233	237	rVV	546	1358	0.38%	0.069%
40	3.872	237	239	240	rVV	471	699	0.20%	0.035%
41	3.911	240	243	244	rVV	642	1109	0.31%	0.056%
42	3.941	244	246	249	rVV	585	1560	0.44%	0.079%
43	4.000	249	252	253	rVV2	740	1581	0.44%	0.080%
44	4.020	253	254	256	rVV2	704	1091	0.31%	0.055%
45	4.069	256	259	260	rVV2	610	1319	0.37%	0.067%
46	4.099	260	262	265	rVV	555	1359	0.38%	0.069%
47	4.148	265	267	269	rVV2	709	1381	0.39%	0.070%
48	4.197	269	272	285	rVV	77274	138221	38.70%	6.983%
49	4.355	287	288	290	rVV	462	464	0.13%	0.023%
50	4.424	291	295	303	rVV	88738	149510	41.86%	7.553%
51	4.512	303	304	306	rVV	764	985	0.28%	0.050%
52	4.542	306	307	308	rVV	540	516	0.14%	0.026%
53	4.621	312	315	318	rVV	256474	313955	87.91%	15.861%
54	4.699	322	323	327	rVV	861	2009	0.56%	0.101%
55	4.749	327	328	332	rVV	992	1625	0.45%	0.082%
56	4.837	335	337	339	rVV	602	1004	0.28%	0.051%
57	4.867	339	340	341	rVV	608	534	0.15%	0.027%
58	4.886	341	342	343	rVV	569	552	0.15%	0.028%
59	4.916	343	345	348	rVV	578	1462	0.41%	0.074%
60	4.955	348	349	351	rVV	555	927	0.26%	0.047%
61	4.985	351	352	354	rVV	578	676	0.19%	0.034%
62	5.015	354	355	356	rVV	543	418	0.12%	0.021%
63	5.054	356	359	361	rVV2	504	1397	0.39%	0.071%
64	5.083	361	362	363	rVV	497	437	0.12%	0.022%
65	5.103	363	364	365	rVV	679	631	0.18%	0.032%
66	5.123	365	366	370	rVV2	494	1152	0.32%	0.058%
67	5.192	370	373	374	rVV	622	962	0.27%	0.049%
68	5.211	374	375	376	rVV	505	418	0.12%	0.021%
69	5.241	376	378	379	rVV	410	510	0.14%	0.026%
70	5.271	379	381	385	rVV2	593	1367	0.38%	0.069%
71	5.320	385	386	387	rVV2	343	288	0.08%	0.015%
72	5.340	387	388	391	rVV	539	784	0.22%	0.040%
73	5.389	391	393	394	rVV	429	579	0.16%	0.029%
74	5.408	394	395	396	rVV	340	333	0.09%	0.017%
75	5.438	396	398	399	rVV	340	412	0.12%	0.021%

LSC Area Percent Report

0200

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59957.D
Acq On : 27 Feb 2009 11:25
Operator : SG
Sample : AC42940-011
Misc : A,5ML!2
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

76	5.458	399	400	403	rVV	479	925	0.26%	0.047%
77	5.507	403	405	406	rVV	544	641	0.18%	0.032%
78	5.566	408	411	415	rVV	265800	357147	100.00%	18.044%
79	5.625	416	417	420	rVV	1313	2286	0.64%	0.115%
80	5.674	420	422	425	rVV	975	1946	0.54%	0.098%
81	5.724	425	427	429	rVV	715	1226	0.34%	0.062%
82	5.753	429	430	432	rVV2	513	708	0.20%	0.036%
83	5.822	432	437	438	rVV	575	1358	0.38%	0.069%
84	5.842	438	439	441	rVV	314	414	0.12%	0.021%
85	5.881	441	443	445	rVV	375	662	0.19%	0.033%
86	5.911	445	446	447	rVV	406	317	0.09%	0.016%
87	5.930	447	448	449	rVV	432	379	0.11%	0.019%
88	5.950	449	450	452	rVV	370	513	0.14%	0.026%
89	6.009	452	456	458	rVV	476	1232	0.34%	0.062%
90	6.039	458	459	463	rVV2	448	915	0.26%	0.046%
91	6.088	463	464	467	rVV	396	798	0.22%	0.040%
92	6.137	467	469	470	rVV	418	542	0.15%	0.027%
93	6.157	470	471	472	rVV	350	377	0.11%	0.019%
94	6.186	472	474	476	rVV	437	766	0.21%	0.039%
95	6.216	476	477	478	rVV	443	453	0.13%	0.023%
96	6.236	478	479	481	rVV	378	522	0.15%	0.026%
97	6.275	481	483	485	rVV	446	778	0.22%	0.039%
98	6.305	485	486	487	rVV	584	539	0.15%	0.027%
99	6.324	487	488	490	rVV	394	555	0.16%	0.028%
100	6.383	490	494	496	rVV2	369	1021	0.29%	0.052%
101	6.433	496	499	503	rVV	273723	335221	93.86%	16.936%
102	6.521	507	508	509	rVV	604	411	0.12%	0.021%
103	6.541	509	510	513	rVV	351	417	0.12%	0.021%
104	6.580	513	514	516	rVV	419	509	0.14%	0.026%
105	6.610	516	517	518	rVV	419	277	0.08%	0.014%
106	6.630	518	519	521	rVV	479	653	0.18%	0.033%
107	6.659	521	522	523	rVV	332	234	0.07%	0.012%
108	6.689	523	525	526	rVV	91	143	0.04%	0.007%
109	6.708	526	527	528	rVV	365	295	0.08%	0.015%
110	6.738	528	530	531	rVV	348	413	0.12%	0.021%
111	6.768	531	533	535	rVV	390	476	0.13%	0.024%
112	6.797	535	536	539	rVV	414	687	0.19%	0.035%
113	6.837	539	540	541	rVV	458	395	0.11%	0.020%
114	6.866	541	543	544	rVV	410	414	0.12%	0.021%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59957.D
Acq On : 27 Feb 2009 11:25
Operator : SG
Sample : AC42940-011
Misc : A,5ML!2
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

115	6.896	544	546	548	rVV2	353	758	0.21%	0.038%
116	6.935	548	550	551	rVV2	396	522	0.15%	0.026%
117	6.965	551	553	554	rVV	357	475	0.13%	0.024%
118	6.994	554	556	560	rVV2	381	1086	0.30%	0.055%
119	7.043	560	561	562	rVB2	437	259	0.07%	0.013%
120	7.132	567	570	573	rVV	200467	242987	68.04%	12.276%
121	7.181	574	575	576	rVV	488	398	0.11%	0.020%
122	7.211	576	578	579	rVV	225	393	0.11%	0.020%
123	7.230	579	580	581	rVB	407	241	0.07%	0.012%
124	7.280	581	585	587	rBV2	395	904	0.25%	0.046%
125	7.339	587	591	593	rVB2	399	859	0.24%	0.043%
126	7.378	593	595	597	rVB	324	498	0.14%	0.025%
127	7.408	597	598	601	rVB	364	429	0.12%	0.022%
128	7.447	601	602	604	rBV	403	458	0.13%	0.023%
129	7.516	607	609	610	rBV	284	301	0.08%	0.015%
130	7.536	610	611	614	rVV	206	369	0.10%	0.019%
131	7.585	614	616	617	rVV	181	255	0.07%	0.013%
132	7.605	617	618	619	rVB	277	164	0.05%	0.008%
133	7.644	619	622	623	rBV2	389	584	0.16%	0.030%
134	7.664	623	624	627	rVV	468	425	0.12%	0.021%
135	7.703	627	628	629	rVB	291	172	0.05%	0.009%
136	7.733	629	631	632	rVB	199	212	0.06%	0.011%
137	7.752	632	633	639	rBV	372	636	0.18%	0.032%
138	7.851	639	643	646	rVV	217284	278360	77.94%	14.063%
139	7.940	650	652	653	rVB	359	367	0.10%	0.019%
140	7.979	653	656	657	rBV	254	501	0.14%	0.025%
141	8.008	657	659	660	rVB	256	297	0.08%	0.015%
142	8.048	660	663	664	rVB	351	563	0.16%	0.028%
143	8.077	664	666	670	rBV2	435	877	0.25%	0.044%
144	8.137	670	672	673	rVB	397	371	0.10%	0.019%
145	8.196	673	678	680	rVB	271	565	0.16%	0.029%
146	8.225	680	681	683	rVB	323	197	0.06%	0.010%
147	8.255	683	684	685	rVB	289	171	0.05%	0.009%
148	8.284	685	687	688	rBV	275	336	0.09%	0.017%
149	8.304	688	689	692	rBV	215	297	0.08%	0.015%
150	8.343	692	693	694	rBV	43	41	0.01%	0.002%
151	8.363	694	695	699	rVB	353	506	0.14%	0.026%
152	8.432	699	702	703	rBV	365	418	0.12%	0.021%
153	8.462	703	705	709	rVB	358	644	0.18%	0.033%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59957.D
Acq On : 27 Feb 2009 11:25
Operator : SG
Sample : AC42940-011
Misc : A,5ML!2
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

154	8.511	709	710	711	rBV	266	264	0.07%	0.013%
155	8.530	711	712	713	rVV	130	148	0.04%	0.007%
156	8.560	713	715	719	rVB2	342	671	0.19%	0.034%
157	8.629	719	722	723	rVB	377	401	0.11%	0.020%
158	8.659	723	725	727	rVB	80	74	0.02%	0.004%
159	8.708	727	730	731	rVB	605	879	0.25%	0.044%
160	8.747	731	734	739	rBV2	706	2466	0.69%	0.125%
161	8.806	739	740	742	rVB2	241	241	0.07%	0.012%
162	8.836	742	743	745	rBV2	458	565	0.16%	0.029%
163	8.875	745	747	749	rBV	228	353	0.10%	0.018%
164	8.924	751	752	754	rBV	286	349	0.10%	0.018%
165	8.954	754	755	757	rBV	244	385	0.11%	0.019%
166	8.993	757	759	762	rVB	754	1310	0.37%	0.066%
167	9.043	762	764	767	rBV	486	1067	0.30%	0.054%
168	9.092	767	769	770	rVB	332	381	0.11%	0.019%
169	9.112	770	771	773	rBV	448	582	0.16%	0.029%
170	9.141	773	774	775	rVB	206	122	0.03%	0.006%
171	9.161	775	776	779	rVB	295	403	0.11%	0.020%
172	9.200	779	780	782	rBV	214	328	0.09%	0.017%
173	9.259	784	786	787	rBV	234	213	0.06%	0.011%
174	9.279	787	788	789	rVB	389	230	0.06%	0.012%
175	9.299	789	790	793	rVB	246	312	0.09%	0.016%
176	9.348	793	795	796	rBV	338	402	0.11%	0.020%
177	9.368	796	797	799	rBV	332	275	0.08%	0.014%
178	9.407	799	801	805	rBV	325	772	0.22%	0.039%
179	9.466	805	807	808	rBV	369	372	0.10%	0.019%
180	9.486	808	809	810	rBV	221	221	0.06%	0.011%
181	9.515	810	812	813	rVB	251	200	0.06%	0.010%
182	9.535	813	814	816	rVB2	313	336	0.09%	0.017%
183	9.565	816	817	819	rVB	324	360	0.10%	0.018%
184	9.604	819	821	824	rBV	350	674	0.19%	0.034%
185	9.643	824	825	826	rVB	312	184	0.05%	0.009%
186	9.693	826	830	831	rBV	283	488	0.14%	0.025%
187	9.712	831	832	834	rVB	224	264	0.07%	0.013%
188	9.762	834	837	839	rBV	358	743	0.21%	0.038%
189	9.791	839	840	842	rBV	123	171	0.05%	0.009%
190	9.821	842	843	845	rVB	346	402	0.11%	0.020%
191	9.850	845	846	848	rVB	287	301	0.08%	0.015%
192	9.899	848	851	854	rBV2	429	1116	0.31%	0.056%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59957.D
Acq On : 27 Feb 2009 11:25
Operator : SG
Sample : AC42940-011
Misc : A,5ML!2
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

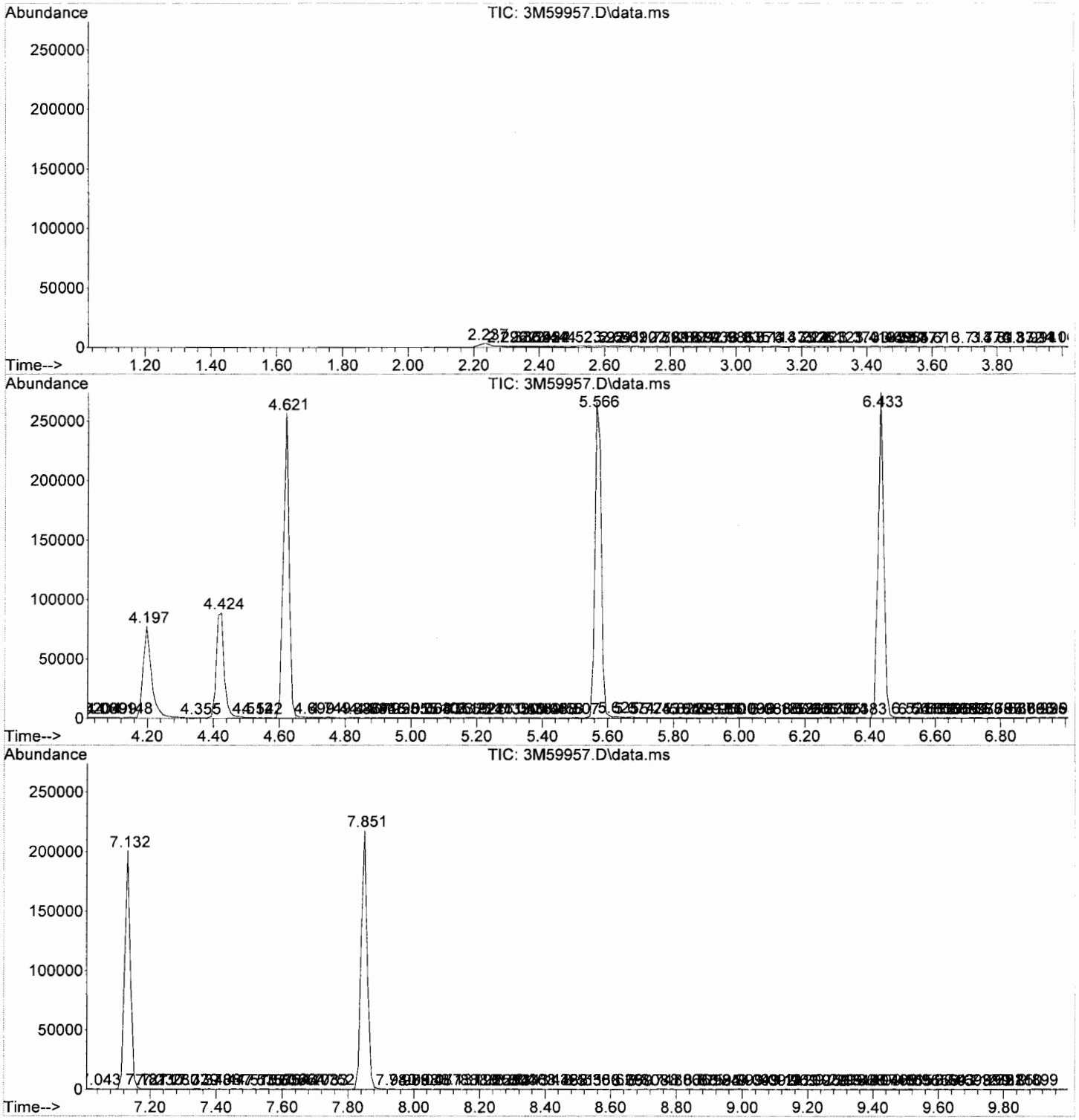
Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Sum of corrected areas: 1979356

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59957.D
Acq On : 27 Feb 2009 11:25
Operator : SG
Sample : AC42940-011
Misc : A,5ML!2
ALS Vial : 19 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

0205

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59957.D
Acq On : 27 Feb 2009 11:25
Operator : SG
Sample : AC42940-011
Misc : A,5ML!2
ALS Vial : 19 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 3M59960.D
Analysis Date: 02/27/09 12:16
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 3M59960.D
Analysis Date: 02/27/09 12:16
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

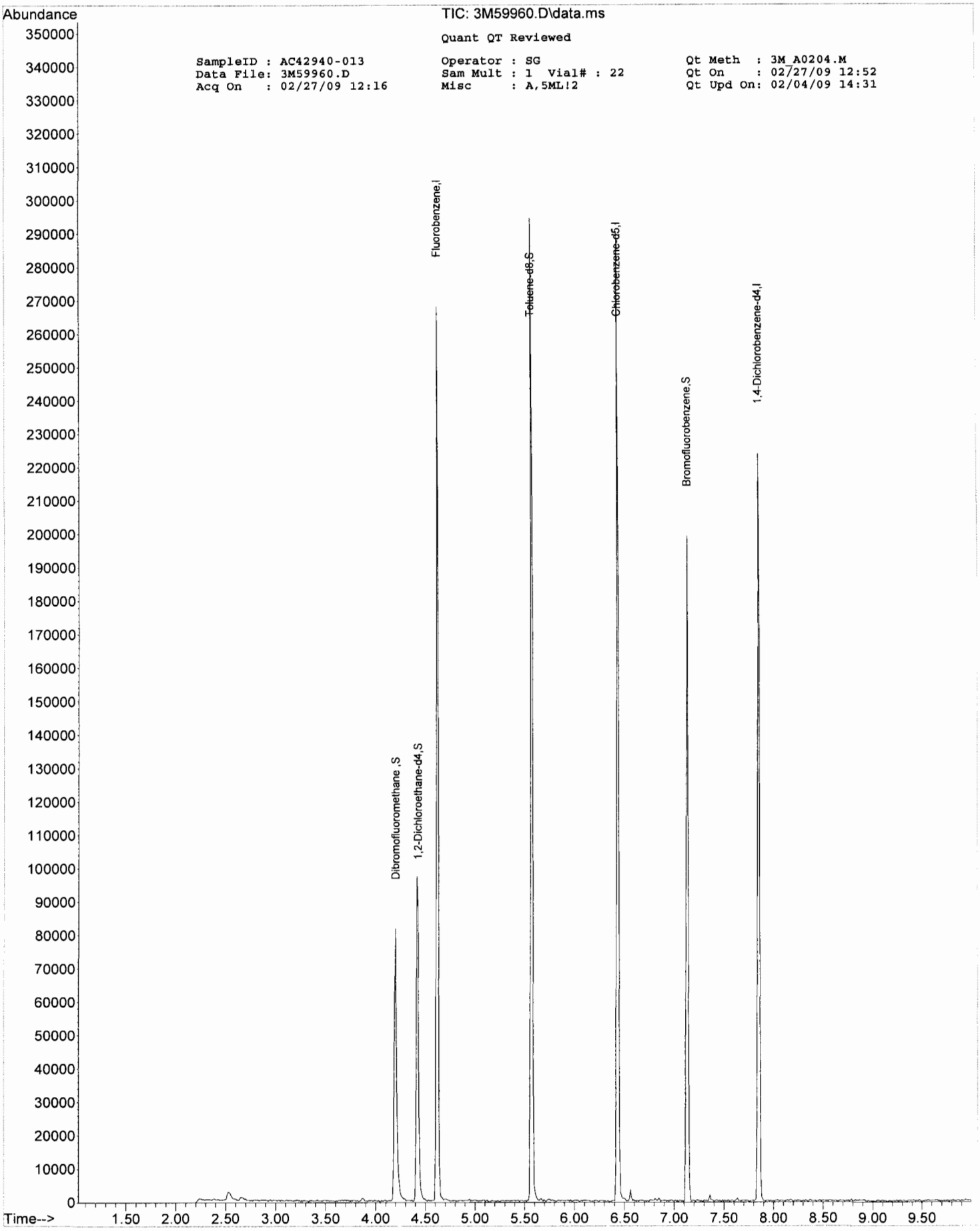
Quantitation Report (QT Reviewed)

SampleID : AC42940-013 Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59960.D Sam Mult : 1 Vial# : 22 Qt On : 02/27/09 12:52
Acq On : 02/27/09 12:16 Misc : A,5ML!2 Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.622	96	137860	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.434	117	100922	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.852	152	45016	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.198	111	44924	32.96	ug/l	-0.04
Spiked Amount 30.000			Recovery = 109.87%			
32) 1,2-Dichloroethane-d4	4.425	102	8750	30.05	ug/l	-0.03
Spiked Amount 30.000			Recovery = 100.17%			
56) Toluene-d8	5.567	100	83315	29.93	ug/l	-0.03
Spiked Amount 30.000			Recovery = 99.77%			
64) Bromofluorobenzene	7.133	174	39025	26.33	ug/l	-0.02
Spiked Amount 30.000			Recovery = 87.77%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M59960.D\data.ms
Quant QT Reviewed
SampleID : AC42940-013
Data File: 3M59960.D
Acq On : 02/27/09 12:16
Operator : SG
Sam Mult : 1 Vial# : 22
Misc : A,5ML!2
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 12:52
Qt Upd On: 02/04/09 14:31
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59960.D
Acq On : 27 Feb 2009 12:16
Operator : SG
Sample : AC42940-013
Misc : A,5ML!2
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M59960.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.238	71	73	78	rBV2	1303	5800	1.53%	0.285%
2	2.327	78	82	85	rVV2	1014	3828	1.01%	0.188%
3	2.386	85	88	90	rVV2	1183	2939	0.78%	0.144%
4	2.425	90	92	94	rVV	1017	2044	0.54%	0.100%
5	2.455	94	95	96	rVV	791	871	0.23%	0.043%
6	2.524	96	102	111	rVV	3119	13731	3.63%	0.674%
7	2.652	113	115	119	rVV2	1633	4512	1.19%	0.222%
8	2.741	121	124	125	rVV2	646	1370	0.36%	0.067%
9	2.760	125	126	127	rVV	688	648	0.17%	0.032%
10	2.790	127	129	131	rVV	752	1526	0.40%	0.075%
11	2.859	134	136	137	rVV	676	1036	0.27%	0.051%
12	2.888	137	139	143	rVV2	670	1952	0.52%	0.096%
13	2.947	143	145	147	rVV2	746	1268	0.34%	0.062%
14	2.977	147	148	150	rVV2	634	989	0.26%	0.049%
15	3.007	150	151	152	rVV	528	528	0.14%	0.026%
16	3.036	152	154	155	rVV	612	806	0.21%	0.040%
17	3.056	155	156	160	rVV	608	1279	0.34%	0.063%
18	3.115	160	162	163	rVV	582	832	0.22%	0.041%
19	3.135	163	164	169	rVV2	489	1325	0.35%	0.065%
20	3.213	169	172	174	rVV2	549	1259	0.33%	0.062%
21	3.243	174	175	176	rVV	471	329	0.09%	0.016%
22	3.263	176	177	178	rVV	411	361	0.10%	0.018%
23	3.282	178	179	182	rVV2	369	746	0.20%	0.037%
24	3.341	184	185	186	rBV2	430	437	0.12%	0.021%
25	3.420	189	193	194	rVV2	461	924	0.24%	0.045%
26	3.440	194	195	198	rVV2	304	566	0.15%	0.028%
27	3.499	198	201	202	rVV2	384	776	0.21%	0.038%
28	3.528	202	204	205	rVV	337	464	0.12%	0.023%
29	3.568	205	208	211	rVB2	386	973	0.26%	0.048%
30	3.607	211	212	213	rBV2	340	251	0.07%	0.012%
31	3.637	213	215	217	rBV2	404	699	0.18%	0.034%
32	3.666	217	218	219	rVV	386	329	0.09%	0.016%
33	3.696	219	221	222	rVV	395	467	0.12%	0.023%
34	3.716	222	223	226	rVB	477	638	0.17%	0.031%
35	3.775	226	229	232	rBV2	432	1037	0.27%	0.051%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59960.D
Acq On : 27 Feb 2009 12:16
Operator : SG
Sample : AC42940-013
Misc : A,5ML!2
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

36	3.824	232	234	235	rVB	339	378	0.10%	0.019%
37	3.873	235	239	242	rBV2	1019	2191	0.58%	0.108%
38	3.932	244	245	246	rBV	295	319	0.08%	0.016%
39	3.962	246	248	249	rVB	277	284	0.08%	0.014%
40	3.991	249	251	254	rVB	335	492	0.13%	0.024%
41	4.031	254	255	256	rVB	509	301	0.08%	0.015%
42	4.060	256	258	259	rBV	451	488	0.13%	0.024%
43	4.090	259	261	263	rBV	374	501	0.13%	0.025%
44	4.119	263	264	265	rBV	213	232	0.06%	0.011%
45	4.149	265	267	268	rVV	60	87	0.02%	0.004%
46	4.198	268	272	283	rVB	81527	140333	37.08%	6.890%
47	4.316	283	284	286	rBV	163	230	0.06%	0.011%
48	4.346	286	287	288	rVB2	207	122	0.03%	0.006%
49	4.366	288	289	291	rBV2	249	83	0.02%	0.004%
50	4.415	291	294	305	rVB	97380	153845	40.65%	7.553%
51	4.533	305	306	307	rBV	453	344	0.09%	0.017%
52	4.553	307	308	309	rBV	173	150	0.04%	0.007%
53	4.622	312	315	318	rVV	267597	326276	86.20%	16.019%
54	4.700	321	323	329	rVB	556	1468	0.39%	0.072%
55	4.769	329	330	331	rBV	167	137	0.04%	0.007%
56	4.799	331	333	334	rVB	347	362	0.10%	0.018%
57	4.819	334	335	336	rBV	250	193	0.05%	0.009%
58	4.848	336	338	340	rBV	266	483	0.13%	0.024%
59	4.897	342	343	346	rBV2	116	190	0.05%	0.009%
60	4.947	346	348	349	rVB2	623	591	0.16%	0.029%
61	4.966	349	350	351	rBV	324	257	0.07%	0.013%
62	5.006	351	354	357	rVB2	443	924	0.24%	0.045%
63	5.085	357	362	364	rVB2	498	1195	0.32%	0.059%
64	5.124	364	366	367	rBV	453	454	0.12%	0.022%
65	5.173	367	371	375	rVB	346	692	0.18%	0.034%
66	5.232	375	377	379	rVB	340	413	0.11%	0.020%
67	5.282	379	382	384	rBV2	453	1002	0.26%	0.049%
68	5.311	384	385	386	rBV	167	114	0.03%	0.006%
69	5.341	386	388	389	rVB2	235	271	0.07%	0.013%
70	5.360	389	390	391	rBV2	211	198	0.05%	0.010%
71	5.390	391	393	395	rBV2	185	287	0.08%	0.014%
72	5.429	395	397	399	rVB2	371	627	0.17%	0.031%
73	5.459	399	400	403	rBV	372	650	0.17%	0.032%
74	5.508	403	405	406	rVB	316	292	0.08%	0.014%
75	5.528	406	407	408	rBV	398	443	0.12%	0.022%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59960.D
Acq On : 27 Feb 2009 12:16
Operator : SG
Sample : AC42940-013
Misc : A,5ML!2
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

76	5.567	408	411	415	rBV	293991	378497	100.00%	18.583%
77	5.666	419	421	423	rVB	842	1128	0.30%	0.055%
78	5.695	423	424	426	rVB	517	426	0.11%	0.021%
79	5.754	426	430	431	rBV2	696	1419	0.37%	0.070%
80	5.784	431	433	436	rVB	465	737	0.19%	0.036%
81	5.843	436	439	441	rBV	381	694	0.18%	0.034%
82	5.872	441	442	444	rBV	187	203	0.05%	0.010%
83	5.941	444	449	450	rVB	311	720	0.19%	0.035%
84	5.961	450	451	453	rVB	488	350	0.09%	0.017%
85	6.010	453	456	458	rBV	428	948	0.25%	0.047%
86	6.040	458	459	460	rVB	410	242	0.06%	0.012%
87	6.069	460	462	463	rBV	446	394	0.10%	0.019%
88	6.109	463	466	469	rBV2	409	1012	0.27%	0.050%
89	6.148	469	470	472	rVB	261	179	0.05%	0.009%
90	6.188	472	474	475	rBV	93	69	0.02%	0.003%
91	6.207	475	476	479	rVB	414	600	0.16%	0.029%
92	6.257	480	481	482	rBV	373	386	0.10%	0.019%
93	6.276	482	483	485	rVB	254	295	0.08%	0.014%
94	6.306	485	486	487	rVB	292	172	0.05%	0.008%
95	6.335	487	489	490	rVB	352	246	0.06%	0.012%
96	6.385	490	494	496	rBV	348	775	0.20%	0.038%
97	6.434	496	499	502	rBV	290187	353416	93.37%	17.351%
98	6.493	504	505	508	rVB	938	1382	0.37%	0.068%
99	6.562	510	512	514	rBV	3450	3410	0.90%	0.167%
100	6.631	518	519	520	rBV	322	199	0.05%	0.010%
101	6.670	520	523	526	rVB2	360	966	0.26%	0.047%
102	6.710	526	527	528	rBV	305	190	0.05%	0.009%
103	6.729	528	529	531	rBV	258	230	0.06%	0.011%
104	6.759	531	532	536	rBV2	465	1060	0.28%	0.052%
105	6.808	536	537	539	rVB2	538	480	0.13%	0.024%
106	6.847	539	541	543	rVB	877	1041	0.28%	0.051%
107	6.916	543	548	551	rVB	265	791	0.21%	0.039%
108	6.976	551	554	556	rBV	395	598	0.16%	0.029%
109	7.015	556	558	561	rVB	649	1140	0.30%	0.056%
110	7.054	561	562	566	rBV	555	1300	0.34%	0.064%
111	7.133	566	570	573	rBV	199078	254811	67.32%	12.510%
112	7.232	578	580	583	rBV	453	854	0.23%	0.042%
113	7.271	583	584	585	rVB	283	167	0.04%	0.008%
114	7.301	585	587	588	rBV	452	387	0.10%	0.019%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59960.D
Acq On : 27 Feb 2009 12:16
Operator : SG
Sample : AC42940-013
Misc : A,5ML!2
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

115	7.320	588	589	591	rVV	199	204	0.05%	0.010%
116	7.360	591	593	595	rVV	1846	1856	0.49%	0.091%
117	7.389	595	596	597	rVB	384	227	0.06%	0.011%
118	7.429	597	600	602	rBV	516	806	0.21%	0.040%
119	7.458	602	603	605	rVB	360	274	0.07%	0.013%
120	7.488	605	606	607	rBV	464	307	0.08%	0.015%
121	7.507	607	608	610	rBV	331	272	0.07%	0.013%
122	7.547	610	612	613	rVB	392	395	0.10%	0.019%
123	7.586	613	616	617	rBV	401	494	0.13%	0.024%
124	7.635	617	621	625	rBV	938	1491	0.39%	0.073%
125	7.685	625	626	629	rBV2	273	534	0.14%	0.026%
126	7.734	629	631	633	rVB2	312	488	0.13%	0.024%
127	7.793	633	637	638	rBV	328	589	0.16%	0.029%
128	7.852	639	643	646	rVV	223604	295147	77.98%	14.491%
129	7.941	650	652	654	rBV2	331	597	0.16%	0.029%
130	7.970	654	655	659	rVB	238	337	0.09%	0.017%
131	8.039	659	662	664	rBV2	362	764	0.20%	0.038%
132	8.088	664	667	670	rVB	260	603	0.16%	0.030%
133	8.138	670	672	674	rBV	381	602	0.16%	0.030%
134	8.167	674	675	678	rVB	532	797	0.21%	0.039%
135	8.216	678	680	682	rBV	302	389	0.10%	0.019%
136	8.246	682	683	686	rVB	384	533	0.14%	0.026%
137	8.305	686	689	690	rVB	290	313	0.08%	0.015%
138	8.325	690	691	694	rVB	415	485	0.13%	0.024%
139	8.374	694	696	698	rBV	577	827	0.22%	0.041%
140	8.423	698	701	702	rVB	396	498	0.13%	0.024%
141	8.473	702	706	707	rBV2	448	822	0.22%	0.040%
142	8.502	707	709	710	rBV2	309	530	0.14%	0.026%
143	8.522	710	711	712	rVB2	222	131	0.03%	0.006%
144	8.541	712	713	714	rVB2	384	227	0.06%	0.011%
145	8.571	714	716	720	rBV2	390	892	0.24%	0.044%
146	8.620	720	721	724	rVB	302	380	0.10%	0.019%
147	8.670	724	726	728	rBV2	306	475	0.13%	0.023%
148	8.699	728	729	731	rVB	251	190	0.05%	0.009%
149	8.738	731	733	734	rBV	175	177	0.05%	0.009%
150	8.758	734	735	736	rVB	317	187	0.05%	0.009%
151	8.788	736	738	739	rBV	642	603	0.16%	0.030%
152	8.827	739	742	743	rBV	499	549	0.15%	0.027%
153	8.866	743	746	747	rBV	261	408	0.11%	0.020%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59960.D
Acq On : 27 Feb 2009 12:16
Operator : SG
Sample : AC42940-013
Misc : A,5ML!2
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

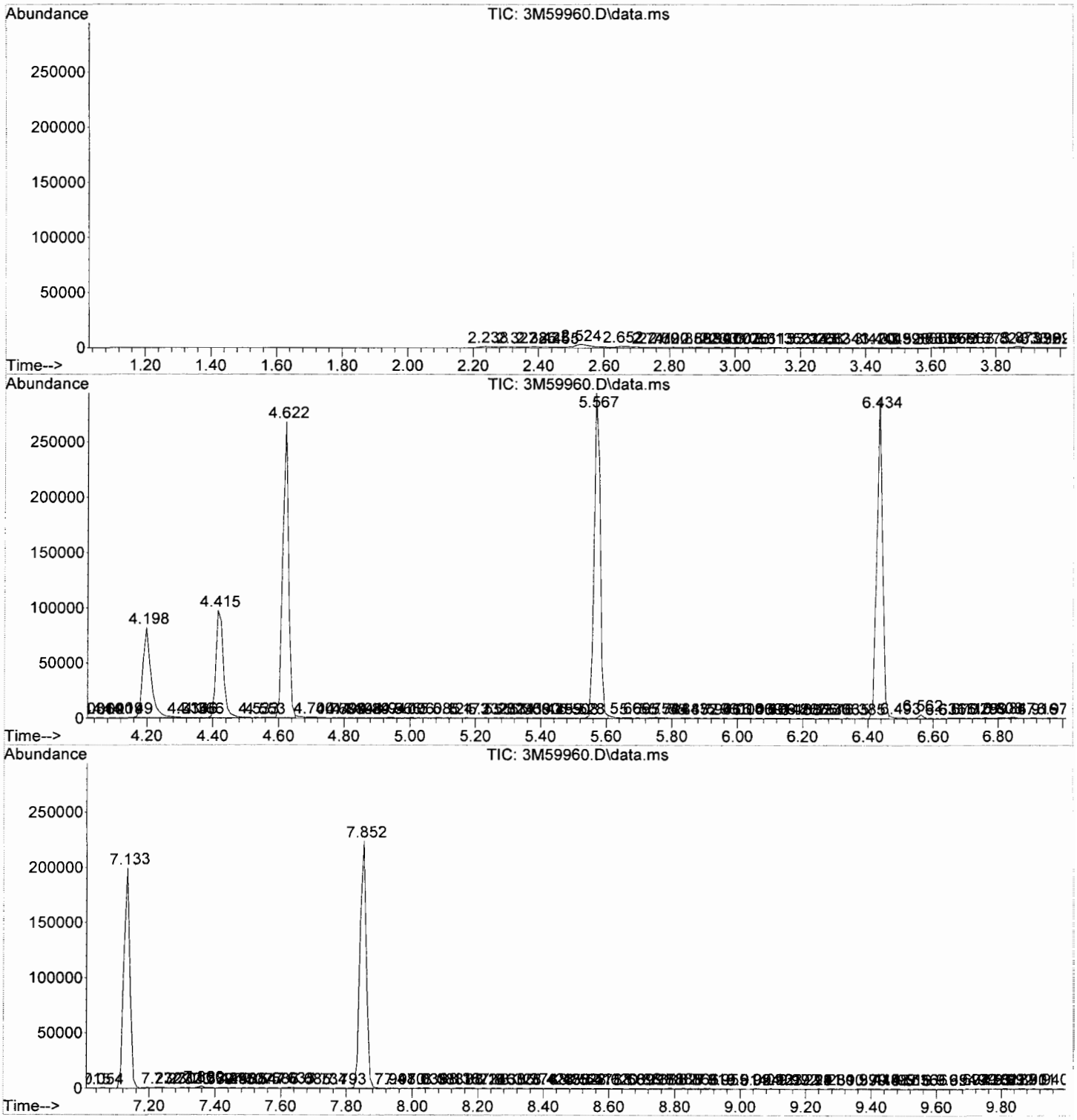
154	8.916	747	751	754	rVB2	407	867	0.23%	0.043%
155	8.955	754	755	759	rVB	237	225	0.06%	0.011%
156	9.014	759	761	762	rVB	314	357	0.09%	0.018%
157	9.054	762	765	768	rBV	593	1499	0.40%	0.074%
158	9.093	768	769	771	rBV	427	471	0.12%	0.023%
159	9.123	771	772	774	rVB	294	290	0.08%	0.014%
160	9.172	774	777	778	rBV	325	241	0.06%	0.012%
161	9.211	778	781	783	rBV	198	272	0.07%	0.013%
162	9.241	783	784	786	rVB	341	297	0.08%	0.015%
163	9.280	786	788	790	rBV	278	352	0.09%	0.017%
164	9.310	790	791	795	rVB	544	1040	0.27%	0.051%
165	9.379	795	798	799	rBV	587	1239	0.33%	0.061%
166	9.418	799	802	804	rVB	436	643	0.17%	0.032%
167	9.448	804	805	806	rBV	246	157	0.04%	0.008%
168	9.477	806	808	810	rVB	468	538	0.14%	0.026%
169	9.516	810	812	813	rBV	136	173	0.05%	0.008%
170	9.536	813	814	815	rBV	329	226	0.06%	0.011%
171	9.566	815	817	819	rBV2	320	492	0.13%	0.024%
172	9.654	821	826	829	rVB	468	1426	0.38%	0.070%
173	9.694	829	830	831	rBV	328	258	0.07%	0.013%
174	9.723	831	833	834	rBV	228	144	0.04%	0.007%
175	9.763	836	837	838	rVB	612	362	0.10%	0.018%
176	9.782	838	839	841	rBV	600	885	0.23%	0.043%
177	9.812	841	842	843	rVB	422	249	0.07%	0.012%
178	9.832	843	844	845	rVB	137	81	0.02%	0.004%
179	9.871	845	848	850	rVB	399	487	0.13%	0.024%
180	9.901	850	851	852	rBV	360	249	0.07%	0.012%
181	9.940	852	855	856	rBV	523	553	0.15%	0.027%

Sum of corrected areas: 2036826

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59960.D
Acq On : 27 Feb 2009 12:16
Operator : SG
Sample : AC42940-013
Misc : A,5ML!2
ALS Vial : 22 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59960.D
Acq On : 27 Feb 2009 12:16
Operator : SG
Sample : AC42940-013
Misc : A,5ML!2
ALS Vial : 22 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-023
Client Id: DUP-E U
Data File: 6M38881.D
Analysis Date: 03/06/09 22:55
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**1.0**	**2.4**
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**6.9**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**1.0**
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	**75-01-4**	**Vinyl Chloride**	**1.0**	**1.5**
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 111066

Total Target Concentration 12

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-023
Client Id: DUP-E U
Data File: 6M38881.D
Analysis Date: 03/06/09 22:55
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 111066

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

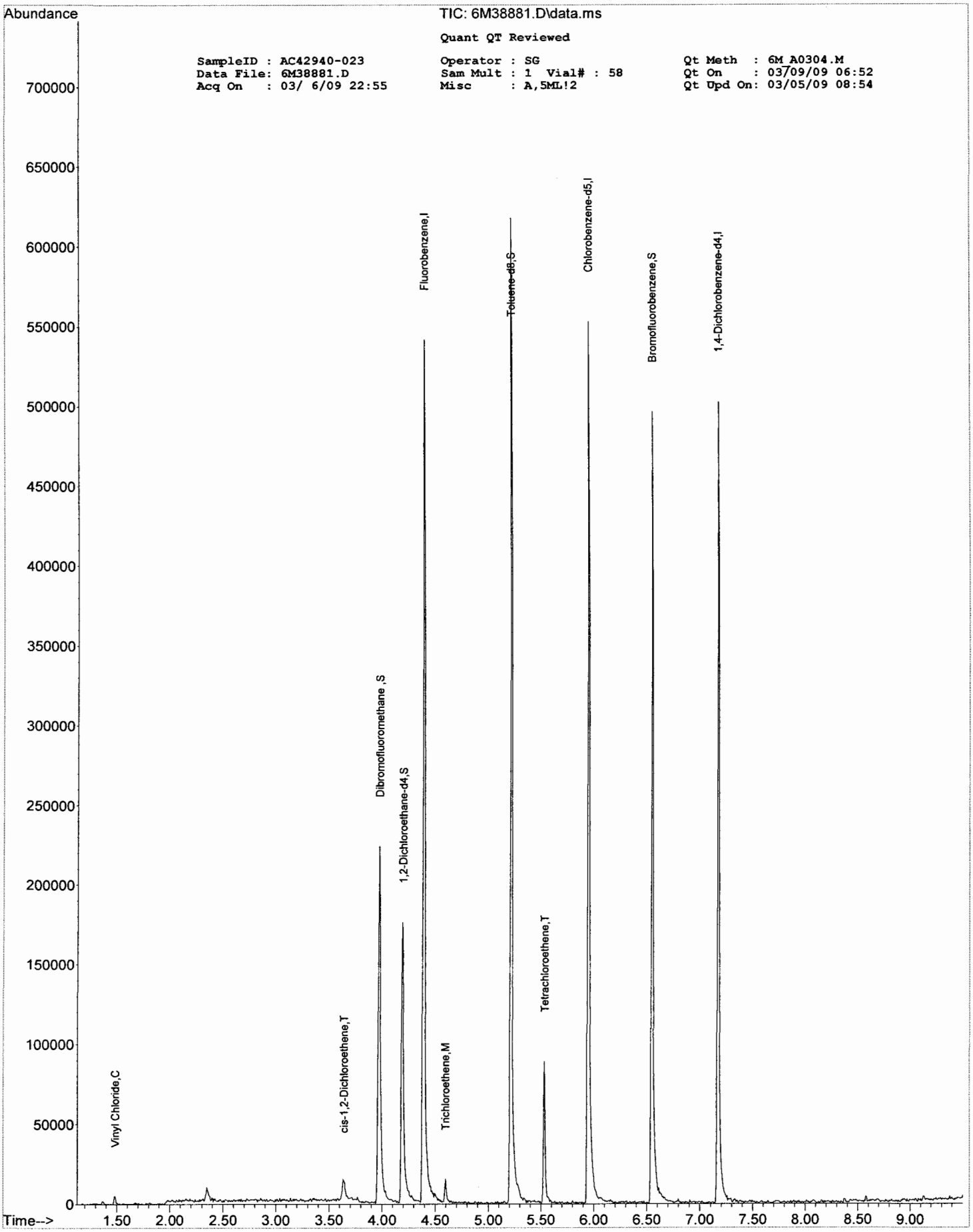
SampleID : AC42940-023 Operator : SG Qt Meth : 6M_A0304.M
Data File: 6M38881.D Sam Mult : 1 Vial# : 58 Qt On : 03/09/09 06:52
Acq On : 03/ 6/09 22:55 Misc : A,5ML!2 Qt Upd On: 03/05/09 08:54

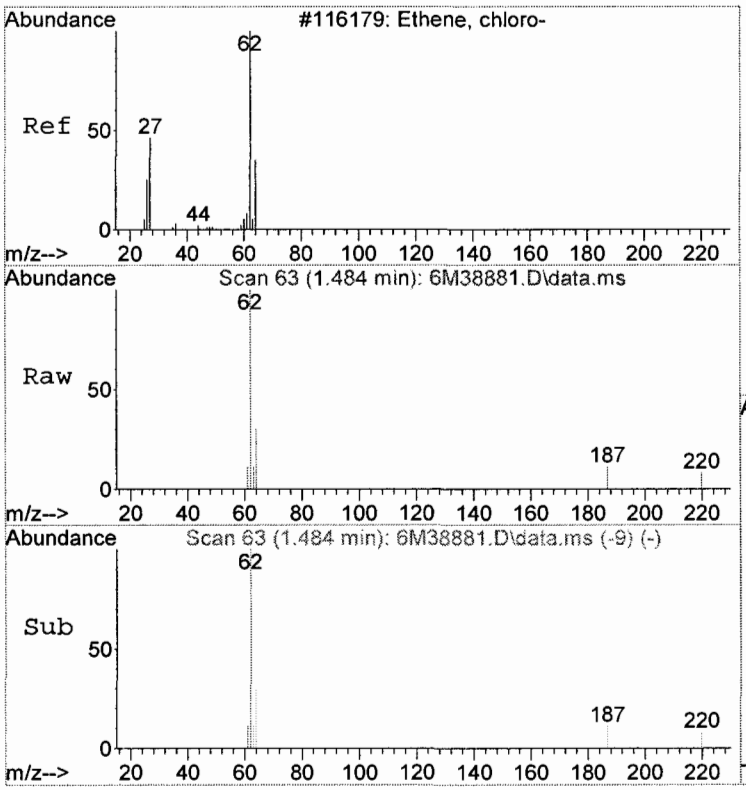
Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.392	96	308709	30.00	ug/l	0.01
45) Chlorobenzene-d5	5.944	117	226069	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.171	152	109694	30.00	ug/l	0.01
System Monitoring Compounds						
30) Dibromofluoromethane	3.971	111	107618	29.66	ug/l	0.01
Spiked Amount 30.000			Recovery = 98.87%			
32) 1,2-Dichloroethane-d4	4.194	67	56604	30.08	ug/l	0.01
Spiked Amount 30.000			Recovery = 100.27%			
56) Toluene-d8	5.210	98	277365	28.10	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.67%			
64) Bromofluorobenzene	6.546	174	128446	30.95	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.17%			
Target Compounds						Qvalue
6) Vinyl Chloride	1.484	62	3673	1.54	ug/l	99
24) cis-1,2-Dichloroethene	3.640	61	9365	2.42	ug/l	81
42) Trichloroethene	4.597	130	3000	1.05	ug/l	88
55) Tetrachloroethene	5.529	164	16731	6.88	ug/l	94
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Ve

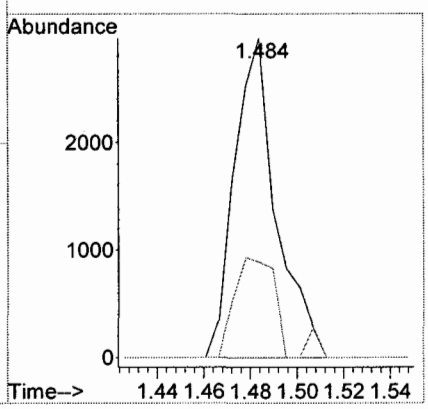

Abundance
TIC: 6M38881.D\data.ms
Quant QT Reviewed
SampleID : AC42940-023
Data File: 6M38881.D
Acq On : 03/ 6/09 22:55
Operator : SG
Sam Mult : 1 Vial# : 58
Misc : A,5ML!2
Qt Meth : 6M_A0304.M
Qt On : 03/09/09 06:52
Qt Upd On: 03/05/09 08:54
Vinyl Chloride,C
cis-1,2-Dichloroethene,T
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

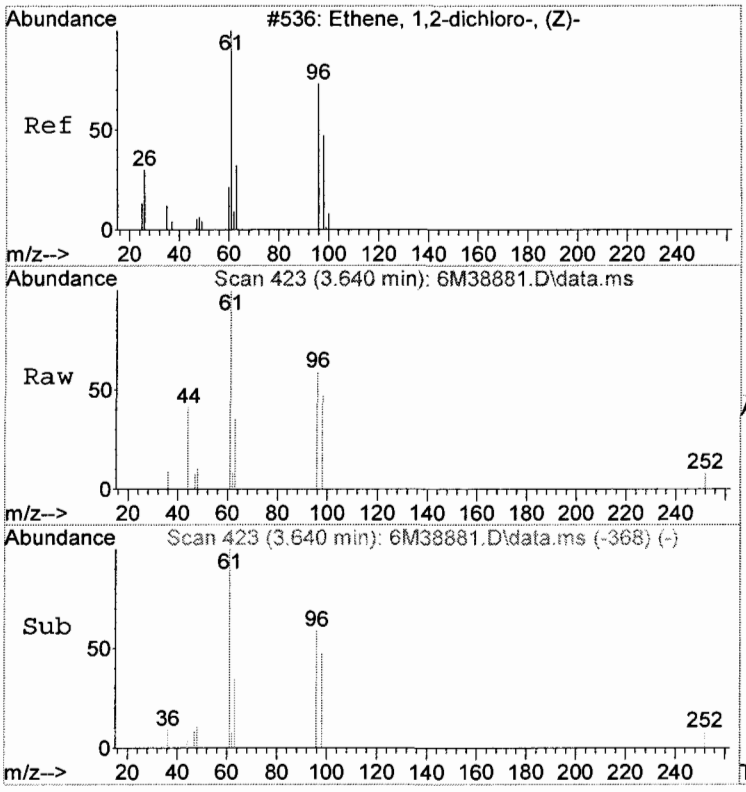


#6
Vinyl Chloride
Concen: 1.54 ug/l
RT: 1.484 min Scan# 63
Delta R.T. 0.012 min
Lab File: 6M38881.D
Acq: 6 Mar 2009 22:55

Tgt Ion: 62 Resp: 3673

Ion	Ratio	Lower	Upper
62	100		
64	29.9	0.0	70.2

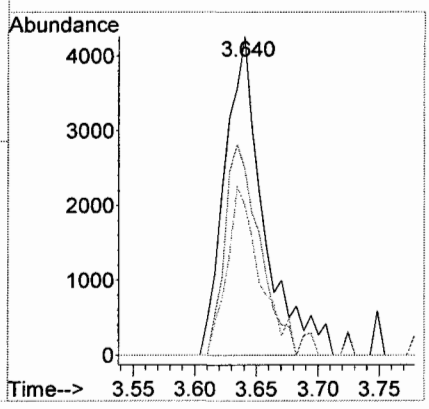


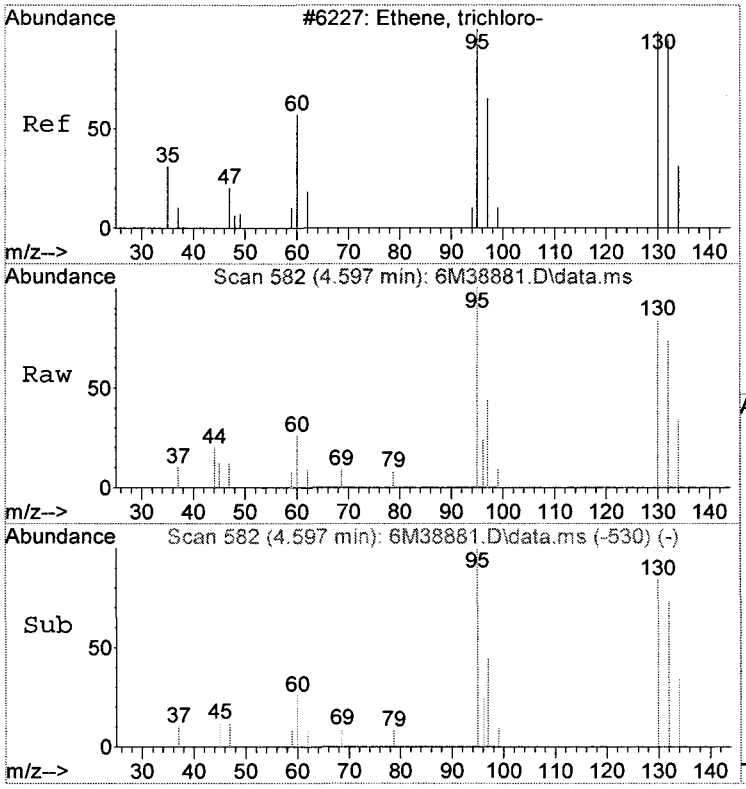


#24
cis-1,2-Dichloroethene
Concen: 2.42 ug/l
RT: 3.640 min Scan# 423
Delta R.T. 0.031 min
Lab File: 6M38881.D
Acq: 6 Mar 2009 22:55

Tgt Ion: 61 Resp: 9365

Ion	Ratio	Lower	Upper
61	100		
96	58.7	8.8	88.8
98	47.3	0.0	72.8

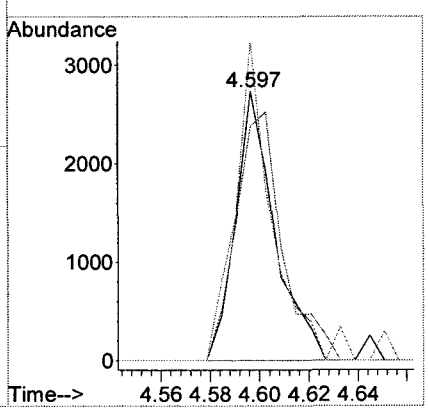


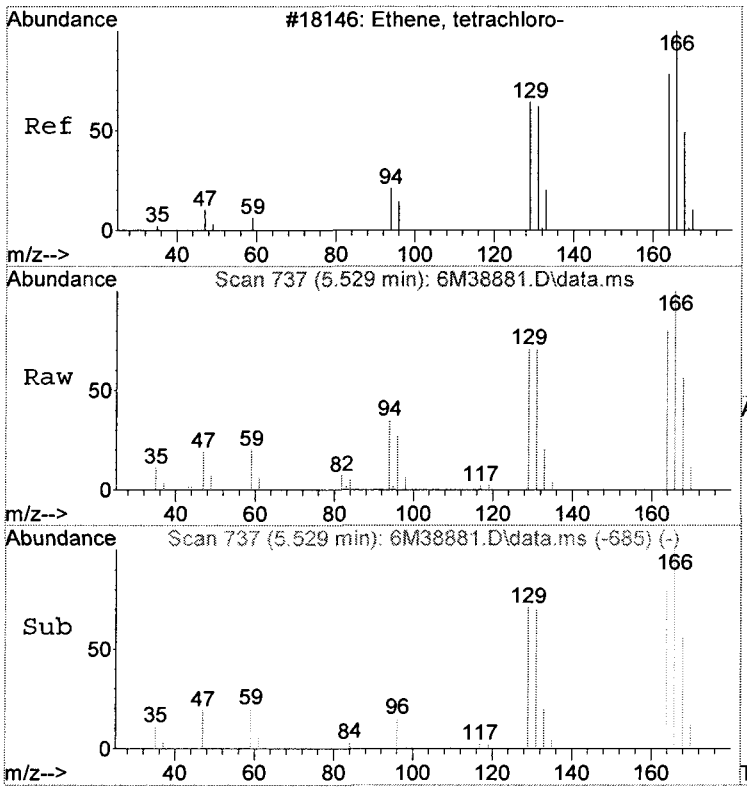


#42
Trichloroethene
Concen: 1.05 ug/l
RT: 4.597 min Scan# 582
Delta R.T. 0.013 min
Lab File: 6M38881.D
Acq: 6 Mar 2009 22:55

Tgt Ion:130 Resp: 3000

Ion	Ratio	Lower	Upper
130	100		
132	87.1	49.5	129.5
95	118.5	57.8	137.8

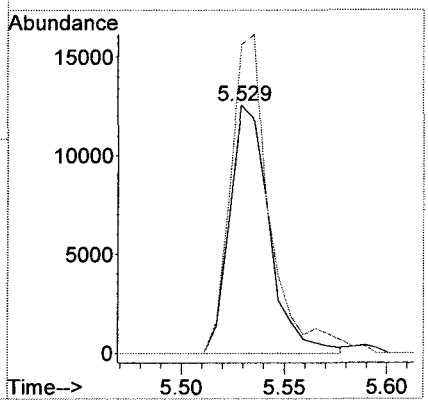




#55
Tetrachloroethene
Concen: 6.88 ug/l
RT: 5.529 min Scan# 737
Delta R.T. 0.013 min
Lab File: 6M38881.D
Acq: 6 Mar 2009 22:55

Tgt Ion:164 Resp: 16731

Ion	Ratio	Lower	Upper
164	100		
166	124.3	61.8	201.8



Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38881.D
Acq On : 6 Mar 2009 22:55
Operator : SG
Sample : AC42940-023
Misc : A,5ML!2
ALS Vial : 58 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

Signal : TIC: 6M38881.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.178	8	10	11	rBB	629	348	0.05%	0.008%
2	1.253	22	23	24	rBB	486	168	0.02%	0.004%
3	1.288	26	29	30	rBV	700	695	0.09%	0.016%
4	1.299	30	31	35	rVV	614	754	0.10%	0.017%
5	1.346	38	39	40	rBB	258	89	0.01%	0.002%
6	1.369	40	43	48	rBB2	1810	2394	0.32%	0.055%
7	1.403	48	49	50	rBB2	258	89	0.01%	0.002%
8	1.484	59	63	67	rBV	5088	6289	0.85%	0.145%
9	1.565	73	77	80	rBB	508	596	0.08%	0.014%
10	1.588	80	81	82	rBB	319	110	0.01%	0.003%
11	1.605	83	84	85	rBB	292	101	0.01%	0.002%
12	1.628	85	88	90	rBV	295	461	0.06%	0.011%
13	1.663	93	94	95	rBB	570	197	0.03%	0.005%
14	1.674	95	96	97	rBV	1117	525	0.07%	0.012%
15	1.686	97	98	101	rVB	493	271	0.04%	0.006%
16	1.709	101	102	103	rVB	933	323	0.04%	0.007%
17	1.737	104	107	108	rBB	628	310	0.04%	0.007%
18	1.778	112	114	115	rBB	747	363	0.05%	0.008%
19	1.789	115	116	117	rBV	595	302	0.04%	0.007%
20	1.812	117	120	121	rVB	808	524	0.07%	0.012%
21	1.830	121	123	124	rVB	588	300	0.04%	0.007%
22	1.864	125	129	130	rBB	286	283	0.04%	0.007%
23	1.876	130	131	132	rBB	259	90	0.01%	0.002%
24	1.887	132	133	134	rBV	530	272	0.04%	0.006%
25	1.905	134	136	138	rVB	610	520	0.07%	0.012%
26	1.933	139	141	142	rBB	653	334	0.05%	0.008%
27	1.986	142	148	151	rBV	2662	6453	0.87%	0.149%
28	2.064	160	161	163	rBV	1275	887	0.12%	0.020%
29	2.088	163	165	166	rVV	1619	710	0.10%	0.016%
30	2.106	166	168	169	rVB	1129	666	0.09%	0.015%
31	2.124	169	171	172	rBV	1450	1161	0.16%	0.027%
32	2.155	174	176	178	rVV	1583	1181	0.16%	0.027%
33	2.191	180	182	184	rBV	1533	830	0.11%	0.019%
34	2.239	189	190	191	rBV	1738	775	0.11%	0.018%
35	2.263	193	194	196	rVB	966	651	0.09%	0.015%

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38881.D
Acq On : 6 Mar 2009 22:55
Operator : SG
Sample : AC42940-023
Misc : A,5ML!2
ALS Vial : 58 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

36	2.281	196	197	198	rBV	1567	638	0.09%	0.015%
37	2.311	200	202	204	rVV	1834	1279	0.17%	0.029%
38	2.347	204	208	214	rVV3	8806	15976	2.17%	0.368%
39	2.395	214	216	218	rVB	2584	2089	0.28%	0.048%
40	2.425	218	221	224	rBV2	2164	2592	0.35%	0.060%
41	2.455	224	226	227	rBV	699	345	0.05%	0.008%
42	2.473	227	229	233	rVB	1570	1817	0.25%	0.042%
43	2.503	233	234	235	rBV	1264	482	0.07%	0.011%
44	2.527	235	238	242	rBV	1574	2221	0.30%	0.051%
45	2.558	242	243	246	rBV	1194	843	0.11%	0.019%
46	2.582	246	247	249	rBV	726	347	0.05%	0.008%
47	2.606	249	251	253	rVB	1177	1207	0.16%	0.028%
48	2.630	253	255	256	rBV	978	858	0.12%	0.020%
49	2.654	258	259	261	rBV	1423	931	0.13%	0.021%
50	2.672	261	262	264	rVB	1690	812	0.11%	0.019%
51	2.696	264	266	267	rBV	955	838	0.11%	0.019%
52	2.726	269	271	276	rBV	1745	2420	0.33%	0.056%
53	2.834	288	289	291	rBV	1359	1245	0.17%	0.029%
54	2.858	291	293	296	rVV2	2434	2251	0.31%	0.052%
55	2.894	297	299	301	rVV	1481	1139	0.15%	0.026%
56	2.912	301	302	304	rVV	1490	1051	0.14%	0.024%
57	2.949	306	308	310	rVV	1345	1296	0.18%	0.030%
58	2.997	314	316	317	rBV	1735	785	0.11%	0.018%
59	3.015	317	319	321	rBV	1456	1153	0.16%	0.027%
60	3.039	321	323	325	rVB	2312	1177	0.16%	0.027%
61	3.069	325	328	333	rBV	1711	3180	0.43%	0.073%
62	3.141	338	340	341	rBV	2103	977	0.13%	0.023%
63	3.165	343	344	345	rBV	1336	527	0.07%	0.012%
64	3.237	354	356	358	rVV	1334	901	0.12%	0.021%
65	3.285	362	364	365	rBV	1039	857	0.12%	0.020%
66	3.352	373	375	376	rBV	2127	1648	0.22%	0.038%
67	3.466	392	394	396	rVB	1892	1328	0.18%	0.031%
68	3.496	396	399	400	rBV	1212	1149	0.16%	0.026%
69	3.514	400	402	404	rVV	747	576	0.08%	0.013%
70	3.562	408	410	411	rVB	1431	740	0.10%	0.017%
71	3.580	411	413	415	rBV	1704	1606	0.22%	0.037%
72	3.634	417	422	431	rVV2	12835	24331	3.30%	0.561%
73	3.767	443	444	448	rVB	2979	2091	0.28%	0.048%
74	3.815	451	452	454	rBV	1013	559	0.08%	0.013%
75	3.851	456	458	463	rVB2	1214	1876	0.25%	0.043%

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38881.D
Acq On : 6 Mar 2009 22:55
Operator : SG
Sample : AC42940-023
Misc : A,5ML!2
ALS Vial : 58 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

76	3.905	465	467	470	rBV	671	622	0.08%	0.014%
77	3.935	470	472	473	rVB	1267	678	0.09%	0.016%
78	3.971	473	478	495	rBV	223853	370530	50.22%	8.543%
79	4.146	506	507	510	rBV	933	558	0.08%	0.013%
80	4.188	510	514	524	rBV	175328	275543	37.35%	6.353%
81	4.392	543	548	564	rBV	540997	701643	95.11%	16.178%
82	4.494	564	565	570	rVB	4636	5625	0.76%	0.130%
83	4.597	578	582	589	rVB2	14805	18231	2.47%	0.420%
84	4.645	589	590	593	rVB2	1588	1312	0.18%	0.030%
85	4.669	593	594	596	rBV	1257	566	0.08%	0.013%
86	4.687	596	597	598	rBV	907	342	0.05%	0.008%
87	4.723	602	603	606	rBV	916	638	0.09%	0.015%
88	4.783	610	613	616	rVB	1153	1054	0.14%	0.024%
89	4.813	616	618	619	rVB	973	391	0.05%	0.009%
90	4.825	619	620	622	rVB	433	241	0.03%	0.006%
91	4.843	622	623	624	rBV	402	175	0.02%	0.004%
92	4.873	626	628	631	rBV	1086	952	0.13%	0.022%
93	4.909	633	634	636	rVB	970	489	0.07%	0.011%
94	4.934	636	638	642	rVB	909	689	0.09%	0.016%
95	4.964	642	643	644	rBV	354	183	0.02%	0.004%
96	4.988	644	647	648	rVB	816	456	0.06%	0.011%
97	5.000	648	649	651	rVB	753	503	0.07%	0.012%
98	5.030	651	654	657	rBB	1065	1188	0.16%	0.027%
99	5.072	657	661	662	rBV	1395	1280	0.17%	0.030%
100	5.090	662	664	665	rBV	1328	636	0.09%	0.015%
101	5.108	665	667	668	rVB	514	303	0.04%	0.007%
102	5.126	668	670	671	rBV	945	452	0.06%	0.010%
103	5.150	673	674	678	rVB	1774	1792	0.24%	0.041%
104	5.210	680	684	694	rBV	617024	737743	100.00%	17.010%
105	5.337	704	705	709	rVB	3189	3469	0.47%	0.080%
106	5.367	709	710	711	rBV	1788	712	0.10%	0.016%
107	5.379	711	712	714	rVV	1247	1221	0.17%	0.028%
108	5.421	716	719	721	rBV	1014	1389	0.19%	0.032%
109	5.439	721	722	723	rVV	1312	577	0.08%	0.013%
110	5.475	727	728	730	rVB	1055	752	0.10%	0.017%
111	5.529	733	737	742	rBV	88575	105145	14.25%	2.424%
112	5.589	746	747	749	rVB	1972	1386	0.19%	0.032%
113	5.619	749	752	753	rBV	732	746	0.10%	0.017%
114	5.631	753	754	756	rVB	1777	944	0.13%	0.022%

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38881.D
Acq On : 6 Mar 2009 22:55
Operator : SG
Sample : AC42940-023
Misc : A,5ML!2
ALS Vial : 58 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

115	5.649	756	757	758	rBB	1206	435	0.06%	0.010%
116	5.679	758	762	763	rBV	1335	1472	0.20%	0.034%
117	5.703	763	766	768	rBV	989	1057	0.14%	0.024%
118	5.734	770	771	773	rVB	340	213	0.03%	0.005%
119	5.752	773	774	776	rVB	1026	541	0.07%	0.012%
120	5.800	780	782	786	rBV	1739	1343	0.18%	0.031%
121	5.830	786	787	788	rVB	1035	373	0.05%	0.009%
122	5.878	790	795	796	rBV	745	947	0.13%	0.022%
123	5.908	799	800	802	rBV	367	278	0.04%	0.006%
124	5.944	802	806	823	rBV	552558	688539	93.33%	15.876%
125	6.137	836	838	840	rBV	856	759	0.10%	0.018%
126	6.155	840	841	846	rVB	2025	2446	0.33%	0.056%
127	6.191	846	847	848	rBV	725	265	0.04%	0.006%
128	6.203	848	849	851	rVB	1165	566	0.08%	0.013%
129	6.221	851	852	853	rBV	456	276	0.04%	0.006%
130	6.239	853	855	857	rVB	1088	720	0.10%	0.017%
131	6.257	857	858	859	rBV	1242	643	0.09%	0.015%
132	6.305	865	866	868	rVB	1604	1052	0.14%	0.024%
133	6.323	868	869	870	rBV	522	305	0.04%	0.007%
134	6.341	870	872	874	rVB	1111	804	0.11%	0.019%
135	6.371	874	877	878	rBV	980	963	0.13%	0.022%
136	6.389	878	880	881	rVB	1276	703	0.10%	0.016%
137	6.413	883	884	885	rBV	706	418	0.06%	0.010%
138	6.431	885	887	890	rVB	625	700	0.09%	0.016%
139	6.455	890	891	893	rVB	984	400	0.05%	0.009%
140	6.473	893	894	897	rVB	1452	829	0.11%	0.019%
141	6.503	897	899	902	rBV	719	596	0.08%	0.014%
142	6.546	902	906	916	rBV	496208	592431	80.30%	13.660%
143	6.714	933	934	935	rVB	538	194	0.03%	0.004%
144	6.786	943	946	947	rBV	551	428	0.06%	0.010%
145	6.798	947	948	951	rVB	2547	1514	0.21%	0.035%
146	6.822	951	952	953	rVB	1296	468	0.06%	0.011%
147	6.840	953	955	958	rBV	1127	1391	0.19%	0.032%
148	6.864	958	959	960	rBV	1073	551	0.07%	0.013%
149	6.906	963	966	968	rBV	1988	1295	0.18%	0.030%
150	6.943	969	972	973	rBV	431	400	0.05%	0.009%
151	6.967	975	976	978	rBV	700	601	0.08%	0.014%
152	6.991	978	980	984	rVB	720	846	0.11%	0.020%
153	7.021	984	985	987	rBV	1229	614	0.08%	0.014%

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38881.D
Acq On : 6 Mar 2009 22:55
Operator : SG
Sample : AC42940-023
Misc : A,5ML!2
ALS Vial : 58 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

154	7.063	990	992	994	rBV	398	288	0.04%	0.007%
155	7.081	994	995	996	rBV	716	310	0.04%	0.007%
156	7.123	999	1002	1004	rVB	714	679	0.09%	0.016%
157	7.171	1006	1010	1023	rBV	501448	592917	80.37%	13.671%
158	7.267	1025	1026	1027	rBV	1335	807	0.11%	0.019%
159	7.333	1032	1037	1039	rBV3	2156	2974	0.40%	0.069%
160	7.352	1039	1040	1042	rVB	1630	897	0.12%	0.021%
161	7.376	1042	1044	1045	rBV	1480	1151	0.16%	0.027%
162	7.430	1051	1053	1057	rBV	1077	1616	0.22%	0.037%
163	7.472	1057	1060	1063	rVV	1700	2176	0.29%	0.050%
164	7.496	1063	1064	1065	rVV	1588	819	0.11%	0.019%
165	7.520	1067	1068	1069	rVB	1411	509	0.07%	0.012%
166	7.538	1069	1071	1074	rBV	1130	1338	0.18%	0.031%
167	7.586	1074	1079	1080	rBV	1440	1369	0.19%	0.032%
168	7.598	1080	1081	1082	rBV	433	237	0.03%	0.005%
169	7.616	1082	1084	1085	rVB	1077	683	0.09%	0.016%
170	7.646	1085	1089	1090	rBV	1819	1922	0.26%	0.044%
171	7.706	1097	1099	1100	rBV	848	799	0.11%	0.018%
172	7.724	1100	1102	1103	rVV	905	822	0.11%	0.019%
173	7.791	1112	1113	1114	rBV	506	282	0.04%	0.007%
174	7.833	1119	1120	1123	rVB	1041	735	0.10%	0.017%
175	7.863	1123	1125	1127	rBV	1191	649	0.09%	0.015%
176	7.893	1127	1130	1131	rBV	1420	1086	0.15%	0.025%
177	7.911	1131	1133	1134	rVB	1172	676	0.09%	0.016%
178	7.941	1134	1138	1139	rBV	1527	1599	0.22%	0.037%
179	7.971	1142	1143	1145	rVB	687	455	0.06%	0.010%
180	7.995	1145	1147	1149	rBV2	658	822	0.11%	0.019%
181	8.013	1149	1150	1152	rBV2	1201	623	0.08%	0.014%
182	8.055	1156	1157	1158	rBV	851	474	0.06%	0.011%
183	8.079	1158	1161	1166	rVB2	1585	2551	0.35%	0.059%
184	8.127	1167	1169	1170	rVB2	897	450	0.06%	0.010%
185	8.158	1170	1174	1177	rVB	1731	2171	0.29%	0.050%
186	8.188	1177	1179	1180	rBV	1356	834	0.11%	0.019%
187	8.200	1180	1181	1183	rBV	430	436	0.06%	0.010%
188	8.218	1183	1184	1187	rVB	921	682	0.09%	0.016%
189	8.242	1187	1188	1189	rVB	771	278	0.04%	0.006%
190	8.260	1189	1191	1193	rBV	1345	1070	0.15%	0.025%
191	8.284	1193	1195	1196	rBV	266	137	0.02%	0.003%
192	8.296	1196	1197	1199	rVB	853	418	0.06%	0.010%

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38881.D
Acq On : 6 Mar 2009 22:55
Operator : SG
Sample : AC42940-023
Misc : A,5ML!2
ALS Vial : 58 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

193	8.314	1199	1200	1203	rVB	690	519	0.07%	0.012%
194	8.338	1203	1204	1208	rVB	1193	1056	0.14%	0.024%
195	8.368	1208	1209	1214	rBV2	2755	3386	0.46%	0.078%
196	8.410	1214	1216	1217	rBV2	467	299	0.04%	0.007%
197	8.428	1217	1219	1223	rBV2	1577	2350	0.32%	0.054%
198	8.458	1223	1224	1226	rBV	885	581	0.08%	0.013%
199	8.512	1232	1233	1236	rBV3	747	821	0.11%	0.019%
200	8.579	1240	1244	1246	rBV2	3855	4077	0.55%	0.094%
201	8.609	1246	1249	1250	rBV	875	543	0.07%	0.013%
202	8.639	1252	1254	1258	rVB2	1016	1356	0.18%	0.031%
203	8.687	1260	1262	1267	rVB2	1965	2986	0.40%	0.069%
204	8.741	1267	1271	1274	rBV2	819	1442	0.20%	0.033%
205	8.765	1274	1275	1280	rVB	1473	1220	0.17%	0.028%
206	8.801	1280	1281	1282	rBV	1066	570	0.08%	0.013%
207	8.825	1282	1285	1287	rVB	1408	1056	0.14%	0.024%
208	8.843	1287	1288	1289	rBV	685	293	0.04%	0.007%
209	8.861	1289	1291	1292	rBV	693	339	0.05%	0.008%
210	8.891	1294	1296	1297	rBV	1112	651	0.09%	0.015%
211	8.928	1299	1302	1303	rBV2	1783	1633	0.22%	0.038%
212	8.970	1308	1309	1310	rBV	1722	708	0.10%	0.016%
213	9.000	1312	1314	1316	rBV2	1052	1277	0.17%	0.029%
214	9.054	1321	1323	1326	rVB	2045	1897	0.26%	0.044%
215	9.078	1326	1327	1330	rBV	1909	1931	0.26%	0.045%
216	9.132	1332	1336	1339	rBV2	3248	4102	0.56%	0.095%
217	9.234	1351	1353	1354	rBV2	1093	997	0.14%	0.023%
218	9.270	1357	1359	1361	rBV	970	1038	0.14%	0.024%
219	9.379	1375	1377	1379	rBV3	2192	1345	0.18%	0.031%
220	9.397	1379	1380	1383	rVB2	1597	1006	0.14%	0.023%
221	9.433	1385	1386	1388	rBV	1260	1111	0.15%	0.026%

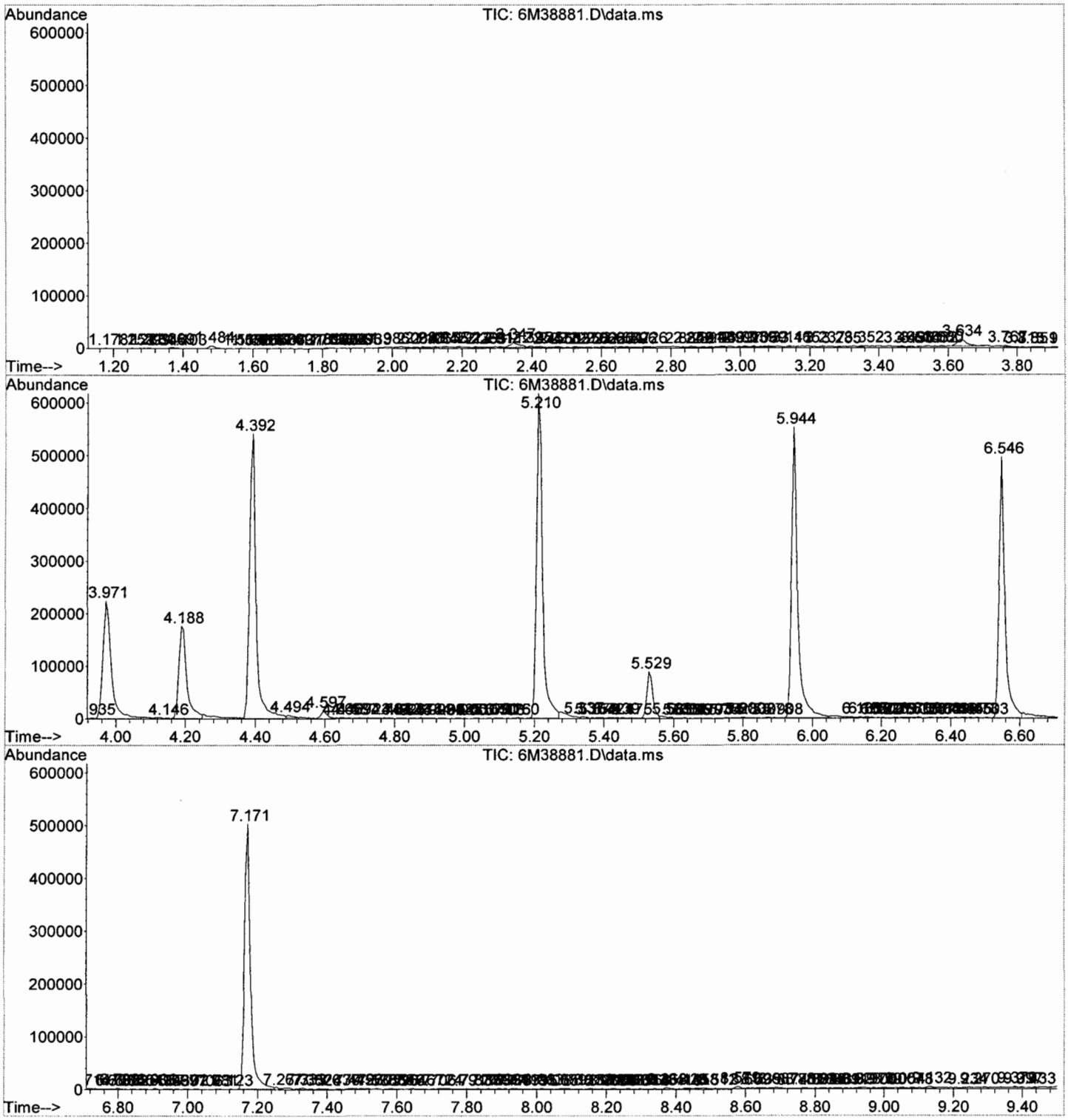
Sum of corrected areas: 4337023

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38881.D
Acq On : 6 Mar 2009 22:55
Operator : SG
Sample : AC42940-023
Misc : A,5ML!2
ALS Vial : 58 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38881.D
Acq On : 6 Mar 2009 22:55
Operator : SG
Sample : AC42940-023
Misc : A,5ML!2
ALS Vial : 58 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-029
Client Id: FB U
Data File: 3M59953.D
Analysis Date: 02/27/09 10:17
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-029
Client Id: FB U
Data File: 3M59953.D
Analysis Date: 02/27/09 10:17
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

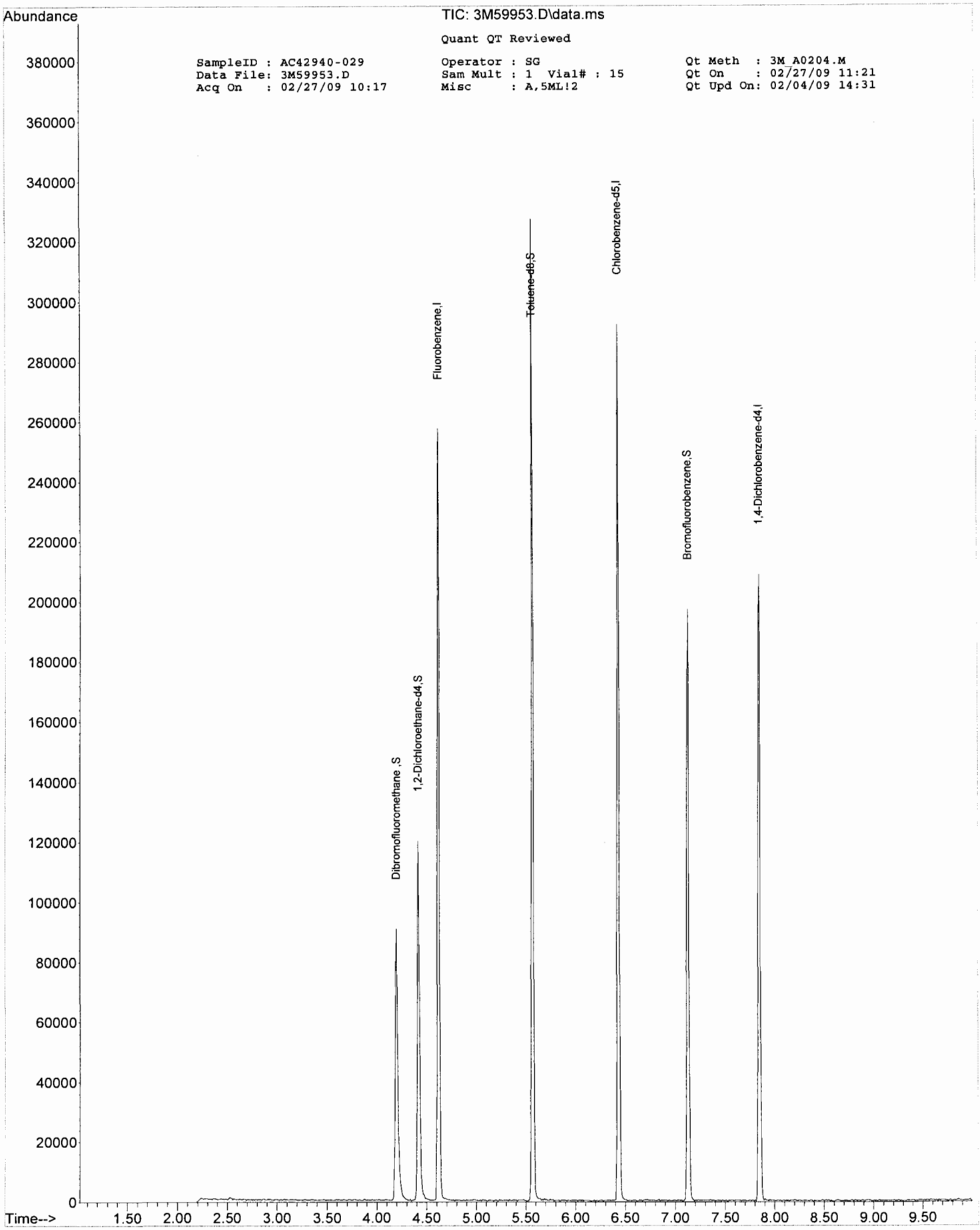
SampleID : AC42940-029 Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59953.D Sam Mult : 1 Vial# : 15 Qt On : 02/27/09 11:21
Acq On : 02/27/09 10:17 Misc : A,5ML!2 Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.622	96	150357	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.434	117	103804	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.852	152	45970	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.198	111	52824	35.53	ug/l	-0.04
Spiked Amount 30.000			Recovery = 118.43%			
32) 1,2-Dichloroethane-d4	4.415	102	10301	32.44	ug/l	-0.04
Spiked Amount 30.000			Recovery = 108.13%			
56) Toluene-d8	5.567	100	88290	30.84	ug/l	-0.03
Spiked Amount 30.000			Recovery = 102.80%			
64) Bromofluorobenzene	7.133	174	41676	27.54	ug/l	-0.02
Spiked Amount 30.000			Recovery = 91.80%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed

PR


Abundance
TIC: 3M59953.D\data.ms
Quant QT Reviewed
SampleID : AC42940-029
Data File: 3M59953.D
Acq On : 02/27/09 10:17
Operator : SG
Sam Mult : 1 Vial# : 15
Misc : A,5ML!2
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 11:21
Qt Upd On: 02/04/09 14:31
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59953.D
Acq On : 27 Feb 2009 10:17
Operator : SG
Sample : AC42940-029
Misc : A,5ML!2
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M59953.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.238	71	73	75	rBV2	1386	5025	1.27%	0.234%
2	2.288	75	78	80	rVV2	1249	3427	0.86%	0.160%
3	2.317	80	81	84	rVV2	1030	2304	0.58%	0.107%
4	2.366	84	86	90	rVV2	1169	3658	0.92%	0.170%
5	2.435	90	93	97	rVV2	1072	3770	0.95%	0.176%
6	2.485	97	98	100	rVV	1000	1495	0.38%	0.070%
7	2.524	100	102	105	rVV	1489	3330	0.84%	0.155%
8	2.563	105	106	108	rVV	1020	1531	0.39%	0.071%
9	2.603	108	110	111	rVV2	816	1289	0.33%	0.060%
10	2.622	111	112	114	rVV2	871	1320	0.33%	0.062%
11	2.662	114	116	119	rVV2	817	1994	0.50%	0.093%
12	2.711	119	121	123	rVV2	659	1421	0.36%	0.066%
13	2.741	123	124	125	rVV	711	687	0.17%	0.032%
14	2.790	127	129	130	rVV2	721	1053	0.27%	0.049%
15	2.829	132	133	134	rVV	691	689	0.17%	0.032%
16	2.869	134	137	139	rVV2	770	1688	0.43%	0.079%
17	2.908	139	141	142	rVV2	699	947	0.24%	0.044%
18	2.928	142	143	145	rVV	658	904	0.23%	0.042%
19	2.957	145	146	147	rVV	471	461	0.12%	0.021%
20	2.987	147	149	153	rVV2	558	1591	0.40%	0.074%
21	3.036	153	154	155	rVV	461	461	0.12%	0.021%
22	3.075	155	158	159	rVV	609	969	0.24%	0.045%
23	3.154	163	166	167	rVV2	479	902	0.23%	0.042%
24	3.184	167	169	173	rVV2	378	977	0.25%	0.046%
25	3.243	173	175	176	rVV2	301	388	0.10%	0.018%
26	3.282	176	179	181	rVV2	317	667	0.17%	0.031%
27	3.312	181	182	184	rVV	230	271	0.07%	0.013%
28	3.361	184	187	188	rVV	315	507	0.13%	0.024%
29	3.381	188	189	191	rVV2	202	188	0.05%	0.009%
30	3.440	191	195	196	rVV2	160	319	0.08%	0.015%
31	3.460	196	197	200	rVB2	276	487	0.12%	0.023%
32	3.519	200	203	204	rBV2	266	493	0.12%	0.023%
33	3.597	208	211	212	rBV	321	433	0.11%	0.020%
34	3.617	212	213	216	rVB	249	195	0.05%	0.009%
35	3.666	216	218	221	rVB2	289	596	0.15%	0.028%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59953.D
Acq On : 27 Feb 2009 10:17
Operator : SG
Sample : AC42940-029
Misc : A,5ML!2
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

36	3.725	221	224	227	rBV2	375	832	0.21%	0.039%
37	3.775	227	229	233	rVB2	355	754	0.19%	0.035%
38	3.824	233	234	237	rBV	281	332	0.08%	0.015%
39	3.873	237	239	241	rBV	510	538	0.14%	0.025%
40	3.913	241	243	244	rBV	239	217	0.05%	0.010%
41	3.952	244	247	250	rBV	239	404	0.10%	0.019%
42	3.991	250	251	252	rVB	154	91	0.02%	0.004%
43	4.021	252	254	256	rVB	326	363	0.09%	0.017%
44	4.090	256	261	263	rBV	314	607	0.15%	0.028%
45	4.119	263	264	266	rVB2	177	115	0.03%	0.005%
46	4.198	268	272	285	rVB	90517	168264	42.47%	7.840%
47	4.336	285	286	287	rVB	597	353	0.09%	0.016%
48	4.415	291	294	301	rBV	119329	178778	45.12%	8.330%
49	4.622	311	315	318	rBV	256864	351783	88.78%	16.390%
50	4.769	329	330	331	rVB	396	234	0.06%	0.011%
51	4.789	331	332	333	rBV	418	392	0.10%	0.018%
52	4.829	333	336	337	rVB	375	539	0.14%	0.025%
53	4.868	337	340	342	rVB	266	417	0.11%	0.019%
54	4.897	342	343	346	rBV2	354	524	0.13%	0.024%
55	4.947	346	348	349	rVV	118	116	0.03%	0.005%
56	4.976	349	351	355	rVB2	459	944	0.24%	0.044%
57	5.035	355	357	359	rBV	176	278	0.07%	0.013%
58	5.065	359	360	362	rBV	332	367	0.09%	0.017%
59	5.094	362	363	365	rVB	289	181	0.05%	0.008%
60	5.124	365	366	369	rBV	310	683	0.17%	0.032%
61	5.193	371	373	375	rBV	448	653	0.16%	0.030%
62	5.232	375	377	381	rBV2	433	807	0.20%	0.038%
63	5.282	381	382	383	rBV	261	208	0.05%	0.010%
64	5.311	383	385	386	rVB2	297	349	0.09%	0.016%
65	5.331	386	387	389	rBV	419	425	0.11%	0.020%
66	5.380	389	392	393	rVB	288	348	0.09%	0.016%
67	5.400	393	394	395	rVB	503	297	0.07%	0.014%
68	5.429	395	397	398	rBV	450	752	0.19%	0.035%
69	5.459	398	400	401	rBV2	34	42	0.01%	0.002%
70	5.479	401	402	405	rVB	419	448	0.11%	0.021%
71	5.567	408	411	415	rBV	326592	396236	100.00%	18.461%
72	5.646	418	419	420	rVB	603	356	0.09%	0.017%
73	5.685	420	423	426	rVB	576	956	0.24%	0.045%
74	5.744	426	429	431	rBV	396	423	0.11%	0.020%
75	5.774	431	432	433	rVB	514	304	0.08%	0.014%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59953.D
Acq On : 27 Feb 2009 10:17
Operator : SG
Sample : AC42940-029
Misc : A,5ML!2
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

76	5.813	433	436	437	rBV	215	444	0.11%	0.021%
77	5.833	437	438	439	rVB	320	189	0.05%	0.009%
78	5.873	439	442	443	rBV2	374	771	0.19%	0.036%
79	5.892	443	444	446	rVB	333	342	0.09%	0.016%
80	5.922	446	447	450	rBV2	359	547	0.14%	0.025%
81	5.981	450	453	454	rBV2	213	376	0.09%	0.018%
82	6.010	454	456	457	rVB	408	465	0.12%	0.022%
83	6.030	457	458	461	rBV2	368	686	0.17%	0.032%
84	6.069	461	462	463	rVB	352	208	0.05%	0.010%
85	6.099	463	465	466	rBV	250	421	0.11%	0.020%
86	6.129	466	468	471	rVB2	320	596	0.15%	0.028%
87	6.188	471	474	475	rBV	364	357	0.09%	0.017%
88	6.217	475	477	478	rBV	310	327	0.08%	0.015%
89	6.266	478	482	483	rBV	451	700	0.18%	0.033%
90	6.335	487	489	491	rVB	318	408	0.10%	0.019%
91	6.375	491	493	494	rBV	267	380	0.10%	0.018%
92	6.434	496	499	502	rBV	291637	368963	93.12%	17.191%
93	6.552	508	511	512	rVB	230	354	0.09%	0.016%
94	6.601	512	516	517	rVB2	282	603	0.15%	0.028%
95	6.641	519	520	523	rVB	372	495	0.12%	0.023%
96	6.690	523	525	526	rBV	347	555	0.14%	0.026%
97	6.720	526	528	530	rVB2	340	387	0.10%	0.018%
98	6.749	530	531	533	rBV2	90	147	0.04%	0.007%
99	6.779	533	534	537	rVB	379	540	0.14%	0.025%
100	6.838	537	540	541	rVB	567	653	0.16%	0.030%
101	6.867	541	543	544	rBV	337	463	0.12%	0.022%
102	6.887	544	545	546	rBV	233	204	0.05%	0.010%
103	6.907	546	547	549	rVB	311	326	0.08%	0.015%
104	6.936	549	550	554	rBV	286	387	0.10%	0.018%
105	6.985	554	555	558	rBV	258	406	0.10%	0.019%
106	7.025	558	559	562	rBV2	358	551	0.14%	0.026%
107	7.064	562	563	564	rVB	502	297	0.07%	0.014%
108	7.133	566	570	573	rBV	196586	270660	68.31%	12.611%
109	7.202	576	577	578	rBV	392	282	0.07%	0.013%
110	7.232	578	580	583	rBV2	311	562	0.14%	0.026%
111	7.281	583	585	586	rBV	105	157	0.04%	0.007%
112	7.301	586	587	588	rVB	62	37	0.01%	0.002%
113	7.320	588	589	590	rVB	113	67	0.02%	0.003%
114	7.350	590	592	594	rVB	293	367	0.09%	0.017%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59953.D
Acq On : 27 Feb 2009 10:17
Operator : SG
Sample : AC42940-029
Misc : A,5ML!2
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

115	7.379	594	595	597	rVB	302	348	0.09%	0.016%
116	7.429	597	600	601	rBV	313	563	0.14%	0.026%
117	7.448	601	602	603	rVB	300	177	0.04%	0.008%
118	7.468	603	604	607	rBV	397	474	0.12%	0.022%
119	7.507	607	608	610	rVB	397	333	0.08%	0.016%
120	7.537	610	611	612	rBV	461	360	0.09%	0.017%
121	7.557	612	613	616	rVB	423	666	0.17%	0.031%
122	7.596	616	617	618	rBV	343	405	0.10%	0.019%
123	7.626	618	620	624	rVB2	356	889	0.22%	0.041%
124	7.675	624	625	627	rBV	300	456	0.12%	0.021%
125	7.704	627	628	630	rVB	249	166	0.04%	0.008%
126	7.754	630	633	634	rVB	352	431	0.11%	0.020%
127	7.773	634	635	637	rVB	434	482	0.12%	0.022%
128	7.803	637	638	639	rBV	396	293	0.07%	0.014%
129	7.852	639	643	646	rBV	208659	305173	77.02%	14.219%
130	7.951	652	653	654	rBV	438	358	0.09%	0.017%
131	7.990	654	657	658	rVV	305	516	0.13%	0.024%
132	8.039	658	662	663	rVB	284	404	0.10%	0.019%
133	8.059	663	664	665	rVB	398	235	0.06%	0.011%
134	8.088	665	667	669	rBV	357	468	0.12%	0.022%
135	8.138	669	672	673	rVB	293	405	0.10%	0.019%
136	8.177	673	676	677	rBV	346	663	0.17%	0.031%
137	8.207	677	679	682	rVV	361	627	0.16%	0.029%
138	8.256	682	684	686	rVV	288	402	0.10%	0.019%
139	8.305	686	689	693	rVB	277	665	0.17%	0.031%
140	8.374	693	696	698	rVB	419	598	0.15%	0.028%
141	8.404	698	699	700	rBV	214	203	0.05%	0.009%
142	8.433	700	702	705	rVB	208	307	0.08%	0.014%
143	8.482	705	707	709	rBB	364	580	0.15%	0.027%
144	8.522	709	711	712	rBV	359	501	0.13%	0.023%
145	8.551	712	714	715	rVB	371	413	0.10%	0.019%
146	8.571	715	716	717	rBV	287	180	0.05%	0.008%
147	8.601	717	719	720	rBV	55	71	0.02%	0.003%
148	8.640	720	723	726	rVB	385	891	0.22%	0.042%
149	8.709	726	730	735	rBV	285	548	0.14%	0.026%
150	8.778	735	737	739	rVB2	369	510	0.13%	0.024%
151	8.807	739	740	743	rBV	373	564	0.14%	0.026%
152	8.857	743	745	746	rVB	315	364	0.09%	0.017%
153	8.886	746	748	750	rBV2	348	528	0.13%	0.025%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59953.D
Acq On : 27 Feb 2009 10:17
Operator : SG
Sample : AC42940-029
Misc : A,5ML!2
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

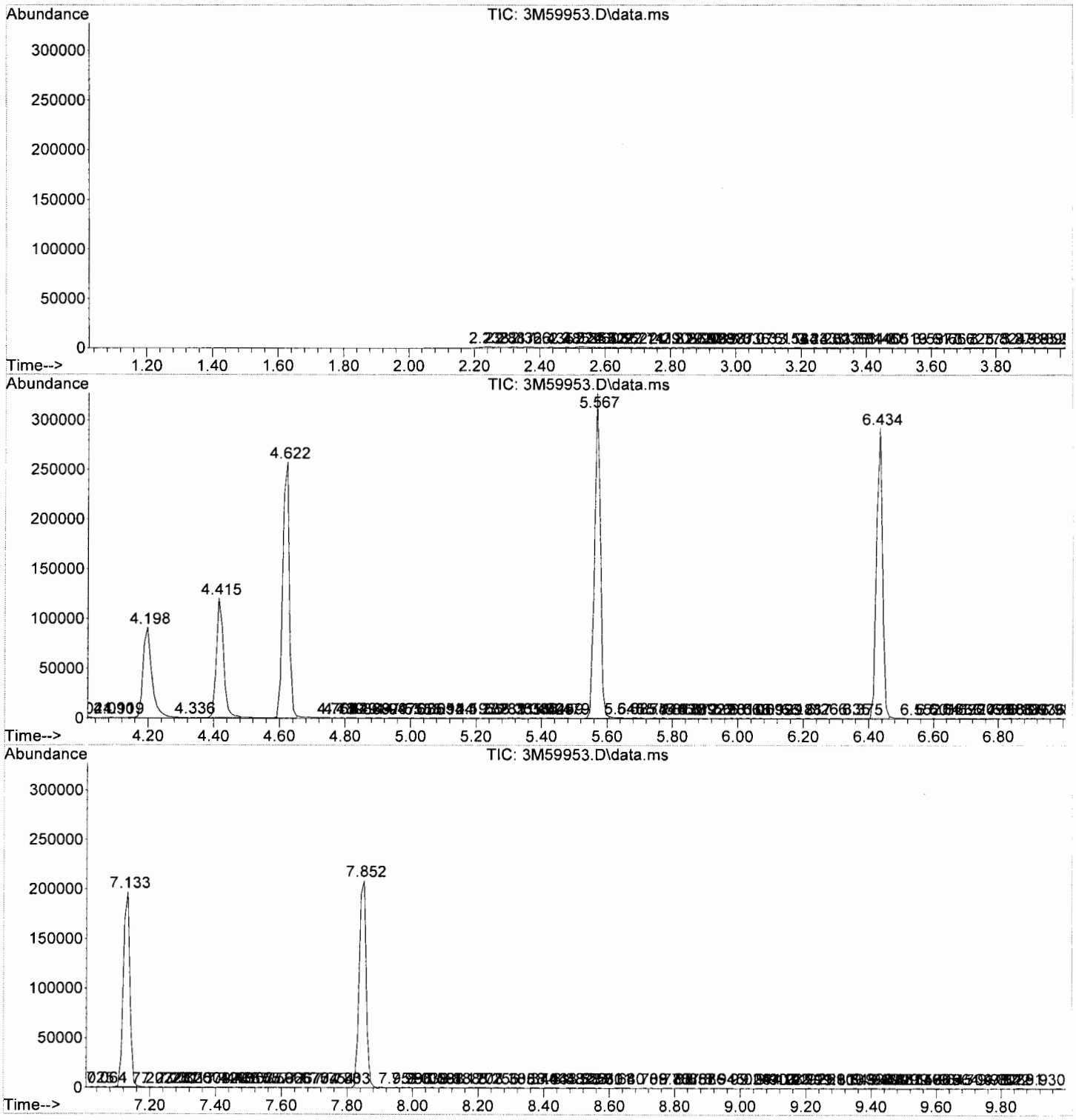
154	8.945	750	754	759	rVB2	416	1215	0.31%	0.057%
155	9.024	759	762	763	rVB	310	398	0.10%	0.019%
156	9.054	763	765	767	rBV	415	466	0.12%	0.022%
157	9.103	767	770	771	rBV	213	303	0.08%	0.014%
158	9.123	771	772	773	rVB	218	129	0.03%	0.006%
159	9.142	773	774	776	rVB	268	287	0.07%	0.013%
160	9.192	776	779	780	rBV	201	359	0.09%	0.017%
161	9.211	780	781	784	rVB	288	329	0.08%	0.015%
162	9.251	784	785	787	rVB	444	419	0.11%	0.020%
163	9.280	787	788	790	rBV	298	203	0.05%	0.009%
164	9.310	790	791	793	rBV	112	137	0.03%	0.006%
165	9.349	793	795	796	rBV	242	349	0.09%	0.016%
166	9.398	798	800	803	rVB2	498	901	0.23%	0.042%
167	9.438	803	804	805	rBV	395	295	0.07%	0.014%
168	9.457	805	806	808	rBV2	246	381	0.10%	0.018%
169	9.487	808	809	811	rVB2	195	225	0.06%	0.010%
170	9.517	811	812	813	rBV2	208	158	0.04%	0.007%
171	9.546	813	815	817	rVB	301	427	0.11%	0.020%
172	9.576	817	818	820	rBV	342	494	0.12%	0.023%
173	9.605	820	821	823	rVB	259	246	0.06%	0.011%
174	9.645	823	825	826	rVB	365	420	0.11%	0.020%
175	9.664	826	827	828	rBV	494	361	0.09%	0.017%
176	9.704	828	831	837	rVB2	300	999	0.25%	0.047%
177	9.782	837	839	840	rVB2	696	757	0.19%	0.035%
178	9.802	840	841	842	rBV2	536	506	0.13%	0.024%
179	9.822	842	843	844	rBV2	238	165	0.04%	0.008%
180	9.861	844	847	852	rBV2	553	991	0.25%	0.046%
181	9.930	852	854	856	rBV2	187	339	0.09%	0.016%

Sum of corrected areas: 2146303

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59953.D
Acq On : 27 Feb 2009 10:17
Operator : SG
Sample : AC42940-029
Misc : A,5ML!2
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59953.D
Acq On : 27 Feb 2009 10:17
Operator : SG
Sample : AC42940-029
Misc : A,5ML!2
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC42940-031
Client Id: TB
Data File: 3M59952.D
Analysis Date: 02/27/09 10:00
Date Rec/Extracted: 02/25/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-031
Client Id: TB
Data File: 3M59952.D
Analysis Date: 02/27/09 10:00
Date Rec/Extracted: 02/25/09-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

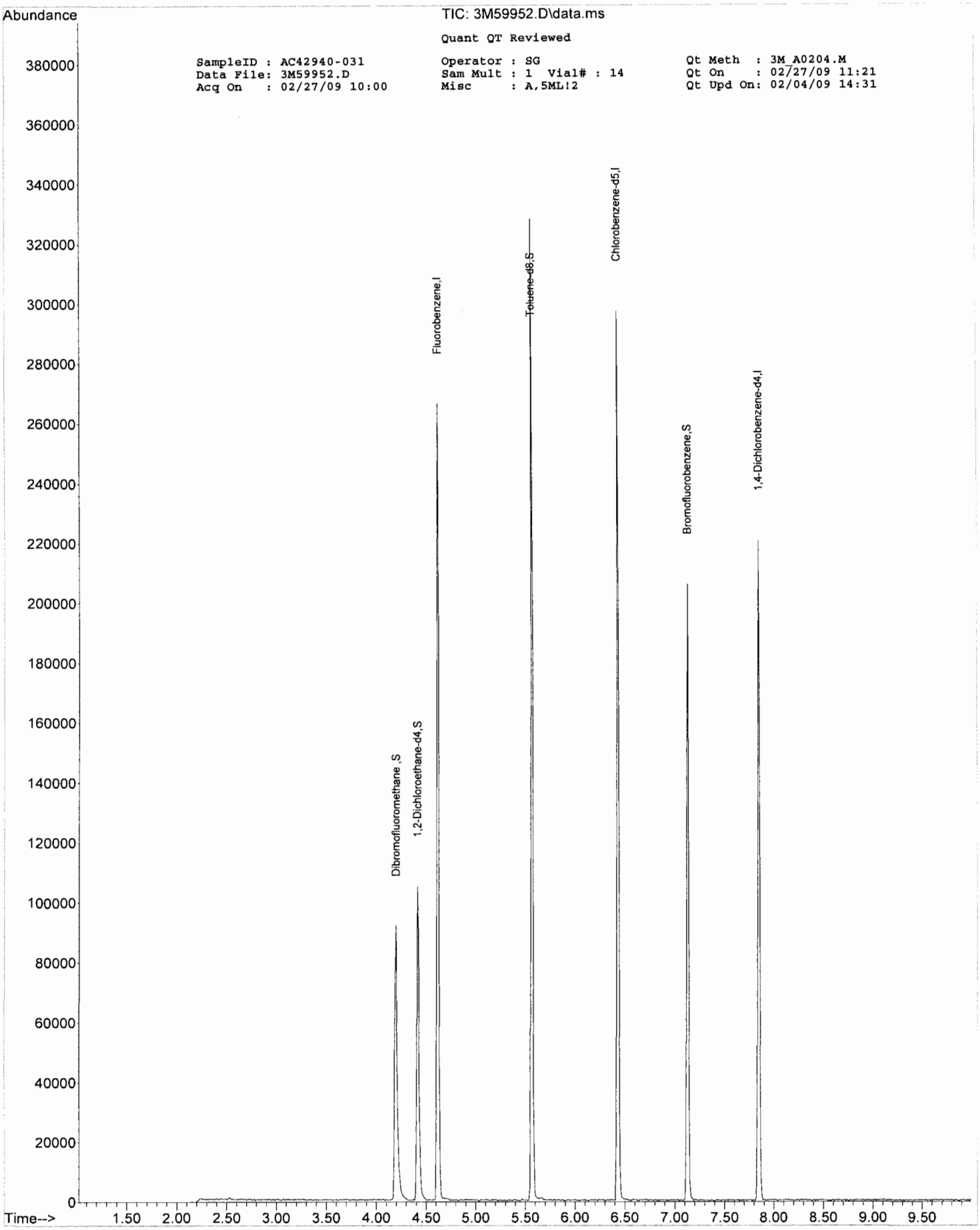
Quantitation Report (QT Reviewed)

SampleID : AC42940-031 Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59952.D Sam Mult : 1 Vial# : 14 Qt On : 02/27/09 11:21
Acq On : 02/27/09 10:00 Misc : A,5ML!2 Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.621	96	146833	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.433	117	104546	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.851	152	45757	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.197	111	51936	35.77	ug/l	-0.04
Spiked Amount 30.000			Recovery = 119.23%			
32) 1,2-Dichloroethane-d4	4.414	102	9409	30.34	ug/l	-0.04
Spiked Amount 30.000			Recovery = 101.13%			
56) Toluene-d8	5.566	100	86327	29.94	ug/l	-0.03
Spiked Amount 30.000			Recovery = 99.80%			
64) Bromofluorobenzene	7.132	174	42612	28.29	ug/l	-0.02
Spiked Amount 30.000			Recovery = 94.30%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M59952.D\data.ms
Quant QT Reviewed
SampleID : AC42940-031
Data File: 3M59952.D
Acq On : 02/27/09 10:00
Operator : SG
Sam Mult : 1 Vial# : 14
Misc : A,5ML!2
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 11:21
Qt Upd On: 02/04/09 14:31
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59952.D
Acq On : 27 Feb 2009 10:00
Operator : SG
Sample : AC42940-031
Misc : A,5ML!2
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M59952.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.247	71	74	75	rBV2	1300	4401	1.12%	0.208%
2	2.277	75	77	79	rVV2	1085	2329	0.59%	0.110%
3	2.306	79	80	81	rVV	1017	1059	0.27%	0.050%
4	2.326	81	82	83	rVV	1005	1123	0.29%	0.053%
5	2.355	83	85	87	rVV2	1019	2183	0.56%	0.103%
6	2.405	87	90	91	rVV2	1144	2294	0.58%	0.108%
7	2.444	91	94	96	rVV	1131	2766	0.70%	0.131%
8	2.493	96	99	100	rVV	1067	2139	0.54%	0.101%
9	2.533	100	103	105	rVV2	1367	3133	0.80%	0.148%
10	2.572	105	107	109	rVV	836	1833	0.47%	0.087%
11	2.621	111	112	113	rVV2	825	846	0.22%	0.040%
12	2.661	113	116	117	rVV	986	1798	0.46%	0.085%
13	2.680	117	118	120	rVV	769	1136	0.29%	0.054%
14	2.730	120	123	124	rVV2	766	1635	0.42%	0.077%
15	2.779	126	128	129	rVV2	750	849	0.22%	0.040%
16	2.799	129	130	133	rVV	652	1298	0.33%	0.061%
17	2.838	133	134	135	rVV	575	538	0.14%	0.025%
18	2.858	135	136	137	rVV	718	718	0.18%	0.034%
19	2.927	141	143	146	rVV	634	1324	0.34%	0.063%
20	2.966	146	147	149	rVV2	519	721	0.18%	0.034%
21	3.015	149	152	155	rVV2	542	1423	0.36%	0.067%
22	3.074	155	158	159	rVV	615	806	0.20%	0.038%
23	3.104	159	161	162	rVV	481	573	0.15%	0.027%
24	3.124	162	163	165	rVV	525	590	0.15%	0.028%
25	3.163	165	167	168	rVV2	393	509	0.13%	0.024%
26	3.183	168	169	170	rVV	409	391	0.10%	0.018%
27	3.222	170	173	175	rVV2	384	871	0.22%	0.041%
28	3.261	175	177	181	rVV	390	848	0.22%	0.040%
29	3.330	181	184	185	rVV	225	330	0.08%	0.016%
30	3.350	185	186	188	rVB	272	290	0.07%	0.014%
31	3.390	188	190	191	rBV2	307	373	0.09%	0.018%
32	3.409	191	192	193	rVB	270	160	0.04%	0.008%
33	3.439	193	195	197	rBV2	192	370	0.09%	0.017%
34	3.488	197	200	201	rBV2	144	260	0.07%	0.012%
35	3.537	204	205	207	rVB	294	343	0.09%	0.016%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59952.D
Acq On : 27 Feb 2009 10:00
Operator : SG
Sample : AC42940-031
Misc : A,5ML!2
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

36	3.577	207	209	210	rBV	196	229	0.06%	0.011%
37	3.606	210	212	213	rVB	313	308	0.08%	0.015%
38	3.646	213	216	218	rBV	268	611	0.16%	0.029%
39	3.685	218	220	221	rVB2	275	262	0.07%	0.012%
40	3.705	221	222	225	rVB	422	603	0.15%	0.028%
41	3.764	225	228	229	rBV	299	541	0.14%	0.026%
42	3.803	231	232	233	rBV	294	191	0.05%	0.009%
43	3.833	233	235	238	rBV2	282	544	0.14%	0.026%
44	3.872	238	239	241	rVB	151	98	0.02%	0.005%
45	3.902	241	242	243	rVB	227	134	0.03%	0.006%
46	3.931	243	245	248	rBV2	224	293	0.07%	0.014%
47	3.980	248	250	252	rBV	370	452	0.11%	0.021%
48	4.010	252	253	254	rVB	91	54	0.01%	0.003%
49	4.030	254	255	257	rVB	251	250	0.06%	0.012%
50	4.069	257	259	261	rVB	390	529	0.13%	0.025%
51	4.099	261	262	264	rBV	273	262	0.07%	0.012%
52	4.128	264	265	266	rVB	47	28	0.01%	0.001%
53	4.197	268	272	286	rVB	91775	166650	42.38%	7.868%
54	4.355	286	288	289	rBV2	157	187	0.05%	0.009%
55	4.374	289	290	291	rBV	382	290	0.07%	0.014%
56	4.414	291	294	304	rVB	104823	160400	40.79%	7.573%
57	4.522	304	305	308	rBV	299	418	0.11%	0.020%
58	4.581	308	311	312	rBV2	208	316	0.08%	0.015%
59	4.621	312	315	318	rBV	265866	347134	88.27%	16.389%
60	4.680	320	321	322	rVB	311	184	0.05%	0.009%
61	4.709	322	324	328	rVB2	647	1374	0.35%	0.065%
62	4.758	328	329	330	rVB	295	174	0.04%	0.008%
63	4.788	330	332	333	rBV	257	241	0.06%	0.011%
64	4.847	336	338	341	rBV2	371	752	0.19%	0.036%
65	4.906	341	344	345	rBV	282	333	0.08%	0.016%
66	4.946	345	348	350	rVB2	108	190	0.05%	0.009%
67	4.985	350	352	353	rVB	196	215	0.05%	0.010%
68	5.005	353	354	357	rVB	452	533	0.14%	0.025%
69	5.054	357	359	361	rBV	467	823	0.21%	0.039%
70	5.083	361	362	363	rVB	55	33	0.01%	0.002%
71	5.103	363	364	368	rVB	211	330	0.08%	0.016%
72	5.162	368	370	371	rBV	317	245	0.06%	0.012%
73	5.182	371	372	373	rBV	152	126	0.03%	0.006%
74	5.212	373	375	376	rVB	524	585	0.15%	0.028%
75	5.231	376	377	379	rBV2	299	502	0.13%	0.024%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59952.D
Acq On : 27 Feb 2009 10:00
Operator : SG
Sample : AC42940-031
Misc : A,5ML!2
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

76	5.261	379	380	381	rVB2	266	157	0.04%	0.007%
77	5.300	383	384	386	rVB	338	238	0.06%	0.011%
78	5.330	386	387	389	rBV	427	490	0.12%	0.023%
79	5.359	389	390	391	rVB	334	197	0.05%	0.009%
80	5.389	391	393	396	rBV2	459	865	0.22%	0.041%
81	5.428	396	397	399	rVB	301	217	0.06%	0.010%
82	5.468	399	401	404	rBV	631	1082	0.28%	0.051%
83	5.566	408	411	415	rBV	327765	393264	100.00%	18.566%
84	5.635	417	418	419	rVB	391	231	0.06%	0.011%
85	5.655	419	420	423	rVB	757	1283	0.33%	0.061%
86	5.694	423	424	425	rVB	355	210	0.05%	0.010%
87	5.724	425	427	428	rBV2	89	124	0.03%	0.006%
88	5.743	428	429	432	rVB	403	556	0.14%	0.026%
89	5.793	432	434	435	rBV	389	407	0.10%	0.019%
90	5.822	435	437	441	rVB2	155	307	0.08%	0.014%
91	5.881	441	443	444	rVB	440	439	0.11%	0.021%
92	5.940	444	449	450	rBV	420	846	0.22%	0.040%
93	5.960	450	451	453	rBV	230	366	0.09%	0.017%
94	6.009	453	456	457	rVB	266	404	0.10%	0.019%
95	6.029	457	458	460	rVB	199	165	0.04%	0.008%
96	6.078	460	463	464	rBV	251	389	0.10%	0.018%
97	6.098	464	465	466	rVB	366	216	0.05%	0.010%
98	6.118	466	467	469	rVB	311	243	0.06%	0.011%
99	6.167	469	472	474	rBV2	427	972	0.25%	0.046%
100	6.196	474	475	478	rVB2	401	642	0.16%	0.030%
101	6.236	478	479	482	rBV	506	903	0.23%	0.043%
102	6.275	482	483	486	rVB	279	405	0.10%	0.019%
103	6.364	486	492	496	rBV2	380	1356	0.34%	0.064%
104	6.433	496	499	502	rBV	296956	365130	92.85%	17.238%
105	6.531	508	509	512	rVB	479	566	0.14%	0.027%
106	6.590	512	515	520	rBV2	440	1345	0.34%	0.063%
107	6.659	520	522	523	rBV	346	541	0.14%	0.026%
108	6.689	523	525	526	rVV2	386	670	0.17%	0.032%
109	6.718	526	528	530	rVV2	467	795	0.20%	0.038%
110	6.758	530	532	535	rVV2	429	910	0.23%	0.043%
111	6.797	535	536	539	rVV2	314	554	0.14%	0.026%
112	6.837	539	540	541	rVB	432	255	0.06%	0.012%
113	6.856	541	542	544	rBV	414	535	0.14%	0.025%
114	6.886	544	545	549	rVB2	329	723	0.18%	0.034%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59952.D
Acq On : 27 Feb 2009 10:00
Operator : SG
Sample : AC42940-031
Misc : A,5ML!2
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

115	6.935	549	550	551	rBV2	337	209	0.05%	0.010%
116	6.974	551	554	555	rBV	362	647	0.16%	0.031%
117	7.034	557	560	561	rVB2	405	566	0.14%	0.027%
118	7.063	561	563	565	rBV	294	436	0.11%	0.021%
119	7.132	566	570	573	rVV	206041	267394	67.99%	12.624%
120	7.211	576	578	581	rVB	439	798	0.20%	0.038%
121	7.250	581	582	583	rBV	273	305	0.08%	0.014%
122	7.280	583	585	587	rVV	316	520	0.13%	0.025%
123	7.329	587	590	592	rVV	203	394	0.10%	0.019%
124	7.378	592	595	596	rVB	393	491	0.12%	0.023%
125	7.418	596	599	604	rBV	341	1042	0.26%	0.049%
126	7.487	604	606	608	rVV	299	543	0.14%	0.026%
127	7.526	608	610	611	rVV	299	311	0.08%	0.015%
128	7.546	611	612	615	rVV2	400	697	0.18%	0.033%
129	7.585	615	616	618	rVV	348	359	0.09%	0.017%
130	7.615	618	619	621	rVV	331	429	0.11%	0.020%
131	7.644	621	622	623	rVB	471	278	0.07%	0.013%
132	7.664	623	624	625	rBV	390	296	0.08%	0.014%
133	7.684	625	626	627	rVV	285	247	0.06%	0.012%
134	7.713	627	629	630	rVV	322	366	0.09%	0.017%
135	7.743	630	632	633	rVV	347	521	0.13%	0.025%
136	7.762	633	634	636	rVB	442	481	0.12%	0.023%
137	7.792	636	637	639	rBV	408	386	0.10%	0.018%
138	7.851	639	643	646	rVV	220417	302520	76.93%	14.282%
139	7.900	647	648	650	rVV	383	438	0.11%	0.021%
140	7.940	650	652	653	rVV	310	359	0.09%	0.017%
141	7.969	653	655	656	rVV2	314	506	0.13%	0.024%
142	7.989	656	657	658	rVV	359	369	0.09%	0.017%
143	8.009	658	659	663	rVV	393	598	0.15%	0.028%
144	8.058	663	664	666	rVV	306	509	0.13%	0.024%
145	8.087	666	667	668	rVV	287	255	0.06%	0.012%
146	8.107	668	669	672	rVV	354	722	0.18%	0.034%
147	8.146	672	673	676	rVV	526	666	0.17%	0.031%
148	8.186	676	677	679	rVV	235	292	0.07%	0.014%
149	8.245	679	683	684	rVV	435	554	0.14%	0.026%
150	8.274	684	686	687	rVV	371	493	0.13%	0.023%
151	8.294	687	688	689	rVV	405	371	0.09%	0.018%
152	8.324	689	691	693	rVB	474	650	0.17%	0.031%
153	8.363	693	695	696	rBV	379	353	0.09%	0.017%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59952.D
Acq On : 27 Feb 2009 10:00
Operator : SG
Sample : AC42940-031
Misc : A,5ML!2
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

154	8.412	696	700	701	rVB	333	439	0.11%	0.021%
155	8.432	701	702	703	rBV	298	217	0.06%	0.010%
156	8.471	703	706	709	rVV	378	1014	0.26%	0.048%
157	8.521	709	711	714	rVB	350	783	0.20%	0.037%
158	8.560	714	715	717	rBV	258	230	0.06%	0.011%
159	8.590	717	718	720	rBV	349	436	0.11%	0.021%
160	8.639	720	723	724	rVV	311	564	0.14%	0.027%
161	8.659	724	725	728	rVB	418	554	0.14%	0.026%
162	8.718	728	731	732	rBB	353	533	0.14%	0.025%
163	8.737	732	733	735	rVB	407	339	0.09%	0.016%
164	8.777	735	737	740	rBV	392	864	0.22%	0.041%
165	8.826	740	742	743	rVV	355	479	0.12%	0.023%
166	8.846	743	744	746	rVV2	369	590	0.15%	0.028%
167	8.875	746	747	748	rVV	367	315	0.08%	0.015%
168	8.905	748	750	752	rVB	372	435	0.11%	0.021%
169	8.944	752	754	755	rBV	325	493	0.13%	0.023%
170	8.964	755	756	758	rVV	399	336	0.09%	0.016%
171	9.023	758	762	763	rVB	372	550	0.14%	0.026%
172	9.053	763	765	766	rBV	354	502	0.13%	0.024%
173	9.082	766	768	770	rVV2	362	736	0.19%	0.035%
174	9.121	770	772	774	rVV	482	520	0.13%	0.025%
175	9.151	774	775	777	rVV2	292	390	0.10%	0.018%
176	9.181	777	778	779	rVV2	271	211	0.05%	0.010%
177	9.200	779	780	782	rVV	306	378	0.10%	0.018%
178	9.240	782	784	785	rVB	348	295	0.08%	0.014%
179	9.279	785	788	790	rBV	363	530	0.13%	0.025%
180	9.309	790	791	792	rVB	377	223	0.06%	0.011%
181	9.328	792	793	797	rBV	413	879	0.22%	0.041%
182	9.387	797	799	802	rVV	287	511	0.13%	0.024%
183	9.456	802	806	809	rVV	327	966	0.25%	0.046%
184	9.506	809	811	813	rVV	308	527	0.13%	0.025%
185	9.535	813	814	816	rVV	301	355	0.09%	0.017%
186	9.575	816	818	819	rVB	357	421	0.11%	0.020%
187	9.614	819	822	824	rBV2	452	884	0.22%	0.042%
188	9.643	824	825	826	rVV	360	293	0.07%	0.014%
189	9.693	826	830	832	rVV	378	820	0.21%	0.039%
190	9.722	832	833	835	rVV	343	479	0.12%	0.023%
191	9.752	835	836	838	rVV	356	443	0.11%	0.021%
192	9.791	838	840	841	rVV2	326	426	0.11%	0.020%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59952.D
Acq On : 27 Feb 2009 10:00
Operator : SG
Sample : AC42940-031
Misc : A,5ML!2
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

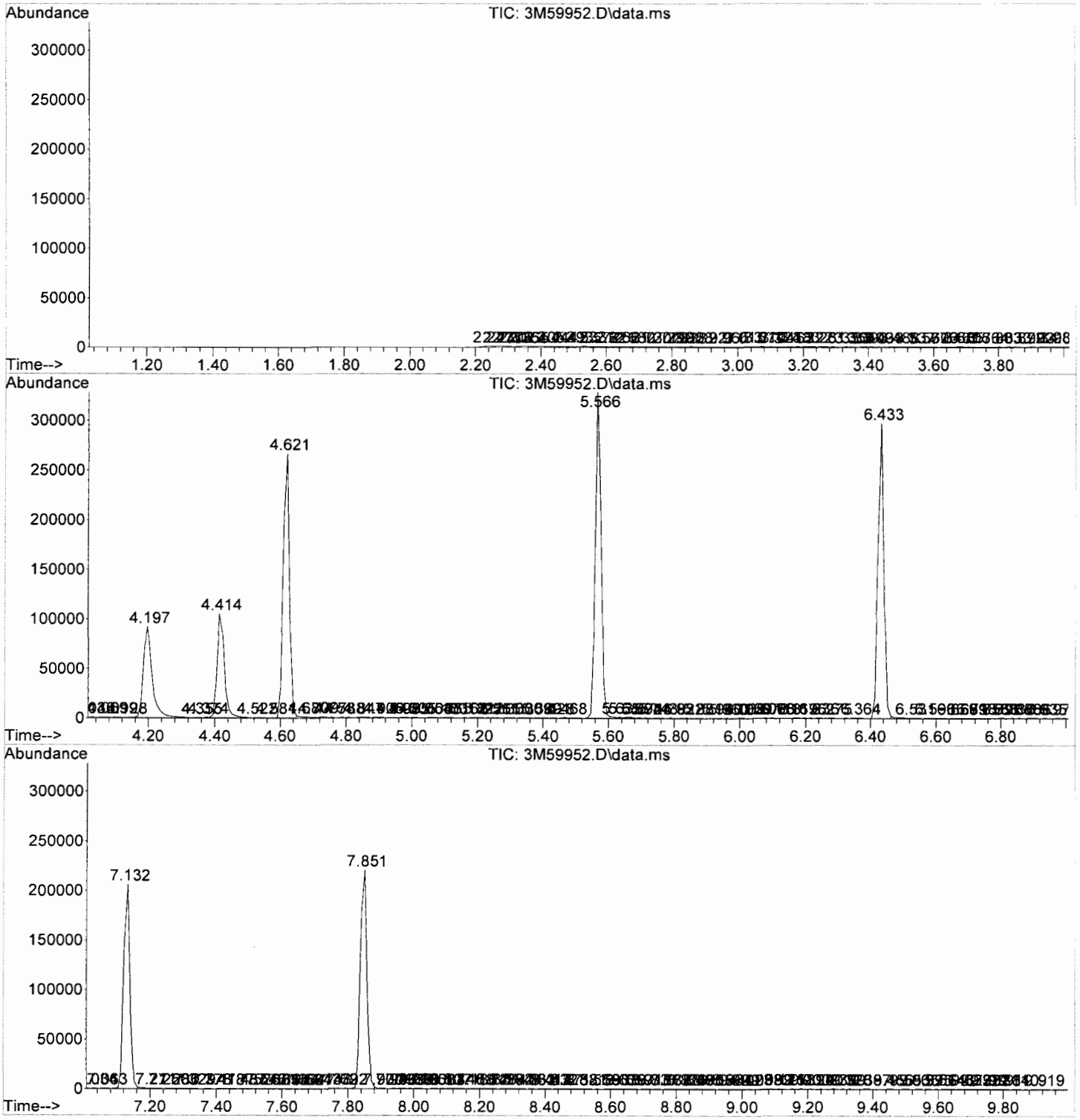
193	9.811	841	842	843	rVB	448	265	0.07%	0.013%
194	9.840	843	845	849	rBV2	478	941	0.24%	0.044%
195	9.919	849	853	856	rBV	386	928	0.24%	0.044%

Sum of corrected areas: 2118147

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59952.D
Acq On : 27 Feb 2009 10:00
Operator : SG
Sample : AC42940-031
Misc : A,5ML!2
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59952.D
Acq On : 27 Feb 2009 10:00
Operator : SG
Sample : AC42940-031
Misc : A,5ML!2
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

GC/MS Volatile Data
Standards Data

Method: EPA 624

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M58977.	CAL @ 20 PPB	02/04/09 13:43	2	3M58972.	CAL @ 5 PPB	02/04/09 12:18
3	3M58978.	CAL @ 10 PPB	02/04/09 14:00	4	3M58976.	CAL @ 50 PPB	02/04/09 13:26
5	3M58975.	CAL @ 100 PPB	02/04/09 13:09	6	3M58974.	CAL @ 250 PPB	02/04/09 12:52
7	3M58970.	CAL @ 1 PPB	02/04/09 11:40	8	3M58971.	CAL @ 0.5 PPB	02/04/09 12:00

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	LinF	0.3493	0.4235	0.4009	0.4040	0.5120	0.5861	0.2285	-----	-----	0.415	1.54	0.995	0.999	28		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Dichlorodifluoromethan	1	0	Avg	0.4316	0.3452	0.4138	0.4212	0.4148	0.4465	0.3051	-----	-----	0.397	1.48	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Chloromethane	1	0	Avg	0.2358	0.2383	0.2304	0.2168	0.2191	0.2323	0.2980	-----	-----	0.239	1.69	0.999	1.00	11	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Bromomethane	1	0	LinF	0.0631	0.0357	0.0489	0.0627	0.0562	-----	0.0192	-----	-----	0.0477	1.91	0.995	0.999	36		20.00	5.00	10.00	50.00	100.0		1.00		
Vinyl Chloride	1	0	Avg	0.2665	0.2441	0.2669	0.2524	0.2517	0.2597	0.2840	-----	-----	0.261	1.69	1.00	1.00	5.1	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Chloroethane	1	0	Qua	0.0989	0.0998	0.0944	0.0803	0.0666	-----	0.1068	-----	-----	0.0912	1.99	0.986	0.999	16		20.00	5.00	10.00	50.00	100.0		1.00		
Trichlorofluoromethane	1	0	LinF	0.2096	0.1518	0.2067	0.2290	0.1879	0.2498	0.3441	-----	-----	0.226	2.19	0.990	0.998	27		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.2123	0.1730	0.2136	0.2008	0.1926	0.1787	0.1552	-----	-----	0.190	2.55	0.999	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Methylene Chloride	1	0	Avg	0.3321	0.2922	0.3215	0.3144	0.2994	0.3024	0.3117	-----	-----	0.311	2.94	1.00	1.00	4.4		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Acrolein	1	0	LinF	0.0418	0.0346	0.0385	0.0400	0.0391	0.0403	0.0210	-----	-----	0.0365	2.50	1.00	1.00	20		100.0	25.00	50.00	250.0	500.0	1250.	5.00		
Acrylonitrile	1	0	LinF	0.1852	0.1416	0.1711	0.1679	0.1605	0.1474	0.1095	-----	-----	0.155	3.12	0.998	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Iodomethane	1	0	LinF	0.3551	0.1820	0.2957	0.3794	0.3812	0.3833	0.2345	-----	-----	0.316	2.69	1.00	1.00	26		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Acetone	1	0	Avg	0.1723	0.1413	0.1656	0.1509	0.1491	0.1528	0.1516	-----	-----	0.155	2.62	1.00	1.00	6.8		100.0	25.00	50.00	250.0	500.0	1250.	5.00		
Carbon Disulfide	1	0	Avg	1.0004	0.7697	1.0097	0.9596	0.9207	0.9303	0.9636	-----	-----	0.936	2.75	1.00	1.00	8.6		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
t-Butyl Alcohol	1	0	LinF	0.0288	0.0184	0.0242	0.0262	0.0264	0.0275	0.0170	-----	-----	0.0241	3.03	1.00	1.00	19		100.0	25.00	50.00	250.0	500.0	1250.	5.00		
n-Hexane	1	0	Avg	0.1891	0.1322	0.1790	0.1904	0.1847	0.1908	0.1505	-----	-----	0.174	3.33	1.00	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Di-isopropyl-ether	1	0	Avg	1.7573	1.2910	1.7056	1.6677	1.5574	1.4412	1.1732	-----	-----	1.51	3.50	0.998	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.1-Dichloroethene	1	0	Avg	0.5788	0.4904	0.5989	0.5600	0.5333	0.5277	0.6143	-----	-----	0.558	2.58	1.00	1.00	7.8	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Methyl Acetate	1	0	Avg	0.4691	0.4039	0.4311	0.4427	0.4464	0.4759	0.3312	-----	-----	0.429	2.85	0.999	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Methyl-t-butyl ether	1	0	LinF	0.7165	0.4850	0.6750	0.6629	0.6205	0.5533	0.4219	0.3724	-----	0.563	3.12	0.997	1.00	22		20.00	5.00	10.00	50.00	100.0	250.0	1.00	0.50	
1.1-Dichloroethane	1	0	Avg	0.6774	0.5424	0.6687	0.6404	0.5967	0.5752	0.6035	-----	-----	0.615	3.47	0.999	1.00	8.1	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
trans-1.2-Dichloroether	1	0	Avg	0.2784	0.2441	0.2784	0.2554	0.2312	0.2001	0.2954	-----	-----	0.255	3.14	0.995	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
cis-1.2-Dichloroethene	1	0	Avg	0.6842	0.5696	0.6659	0.6508	0.5942	0.5537	0.6058	-----	-----	0.618	3.92	0.998	1.00	8.1		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Bromochloromethane	1	0	Avg	0.4763	0.4359	0.4626	0.4469	0.4295	0.4358	0.4483	-----	-----	0.448	4.09	1.00	1.00	3.7		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
2.2-Dichloropropane	1	0	Avg	0.3038	0.2037	0.2733	0.3112	0.3038	0.2961	0.2291	-----	-----	0.274	3.91	1.00	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.4-Dioxane	1	0	Avg	0.0050	0.0036	0.0047	0.0042	0.0039	0.0033	0.0033	-----	-----	0.00406	5.09	0.993	1.00	16		1000.	250.0	500.0	2500.	5000.	1250	50.00		
1.1-Dichloropropene	1	0	Avg	0.4928	0.3878	0.4973	0.4497	0.4120	0.3469	0.4913	-----	-----	0.440	4.36	0.993	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Chloroform	1	0	Avg	0.6111	0.5323	0.5977	0.5763	0.5449	0.5140	0.5549	-----	-----	0.562	4.13	0.999	1.00	6.3	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Dibromofluoromethane	1	0	Avg	0.2950	0.3106	0.2975	0.2996	0.2857	0.2657	0.3087	0.3098	-----	0.297	4.24	-1	-1	5.1		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Cyclohexane	1	0	LinF	0.4866	0.3244	0.4652	0.4781	0.4633	0.4441	0.3035	-----	-----	0.424	4.30	0.999	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.2-Dichloroethane-d4	1	0	Avg	0.0622	0.0630	0.0647	0.0631	0.0638	0.0622	0.0632	0.0643	-----	0.0634	4.45	-1	-1	1.4		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1.2-Dichloroethane	1	0	Avg	0.6205	0.5408	0.6121	0.5597	0.5118	0.4511	0.5269	0.5710	-----	0.549	4.50	0.996	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	1.00	0.50	
2-Butanone	1	0	Avg	0.3119	0.2310	0.3052	0.2691	0.2635	0.2455	0.2213	-----	-----	0.264	3.92	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.1.1-Trichloroethane	1	0	Avg	0.4094	0.3148	0.3967	0.4002	0.3829	0.3791	0.3504	-----	-----	0.376	4.26	1.00	1.00	8.8		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Carbon Tetrachloride	1	0	LinF	0.2522	0.1096	0.1959	0.2730	0.2733	0.2459	0.1340	-----	-----	0.212	4.37	0.997	1.00	32		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Vinyl Acetate	1	0	Avg	1.7417	1.2429	1.5740	1.6388	1.5729	1.4557	1.1119	-----	-----	1.48	3.50	0.998	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Bromodichloromethane	1	0	Avg	0.5285	0.3937	0.4832	0.5174	0.4983	0.4825	0.3682	-----	-----	0.467	5.17	1.00	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Methylcyclohexane	1	0	LinF	0.2931	0.1953	0.2835	0.2899	0.2754	0.2519	0.1858	-----	-----	0.254	4.99	0.998	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Dibromomethane	1	0	Avg	0.3565	0.2892	0.3353	0.3162	0.2888	0.2470	0.2607	-----	-----	0.299	5.09	0.994	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.2-Dichloropropane	1	0	Avg	0.4696	0.3607	0.4456	0.4418	0.4131	0.3710	0.3789	-----	-----	0.412	5.02	0.997	1.00	10	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Trichloroethene	1	0	Avg	0.3583	0.2858	0.3603	0.3360	0.3060	0.2684	0.3706	-----	-----	0.327	4.88	0.996	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	1.00		

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.1
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 624

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M58977.	CAL @ 20 PPB	02/04/09 13:43	2	3M58972.	CAL @ 5 PPB	02/04/09 12:18
3	3M58978.	CAL @ 10 PPB	02/04/09 14:00	4	3M58976.	CAL @ 50 PPB	02/04/09 13:26
5	3M58975.	CAL @ 100 PPB	02/04/09 13:09	6	3M58974.	CAL @ 250 PPB	02/04/09 12:52
7	3M58970.	CAL @ 1 PPB	02/04/09 11:40	8	3M58971.	CAL @ 0.5 PPB	02/04/09 12:00

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	Avg	1.3467	1.1451	1.3375	1.2211	1.0968	0.9280	1.3712	1.4024	-----	1.23	4.49	0.993	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	1.00	0.50	
tert-Amyl methyl ether	1	0	LinF	0.7160	0.4569	0.6698	0.6737	0.6354	0.5746	0.3857	-----	-----	0.587	4.54	0.997	1.00	21		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Dibromochloromethane	1	0	LinF	0.5199	0.3700	0.4538	0.5340	0.5362	0.5505	0.3180	-----	-----	0.469	6.11	1.00	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
2-Chloroethylvinylether	1	0	LinF	0.3944	0.2541	0.3488	0.3701	0.3699	0.3919	0.1788	-----	-----	0.330	5.33	1.00	1.00	25		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
cis-1.3-Dichloropropene	1	0	LinF	0.8319	0.5851	0.7319	0.8022	0.7926	0.8130	0.4796	-----	-----	0.720	5.44	1.00	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
trans-1.3-Dichloroprope	1	0	LinF	0.7146	0.4610	0.6250	0.7218	0.7327	0.7684	0.3648	-----	-----	0.627	5.75	1.00	1.00	25		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.1.2-Trichloroethane	1	0	Avg	0.4574	0.3845	0.4554	0.4145	0.3919	0.3953	0.3360	-----	-----	0.405	5.87	1.00	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.2-Dibromoethane	1	0	Avg	0.5541	0.4525	0.5353	0.5243	0.5081	0.5327	0.3787	-----	-----	0.498	6.19	1.00	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.3-Dichloropropane	1	0	Avg	0.8709	0.7634	0.8577	0.7960	0.7293	0.6626	0.7226	-----	-----	0.772	5.97	0.998	1.00	9.8		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
4-Methyl-2-Pentanone	1	0	LinF	0.9361	0.6353	0.8666	0.8604	0.8936	1.0202	0.4362	-----	-----	0.807	5.51	0.997	1.00	25		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
2-Hexanone	1	0	LinF	0.6896	0.4643	0.6222	0.6309	0.6536	0.7351	0.3677	-----	-----	0.595	5.99	0.998	1.00	22		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Tetrachloroethene	1	0	Avg	0.3551	0.2818	0.3559	0.3270	0.2974	0.2573	0.3292	-----	-----	0.315	5.96	0.995	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Toluene-d8	1	0	Avg	0.8026	0.8326	0.8046	0.7993	0.8207	0.9435	0.8172	0.7981	-----	0.827	5.60	-1	-1	5.9		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	1.0248	0.8865	1.0187	0.9347	0.8682	0.7999	0.9578	-----	-----	0.927	5.64	0.998	1.00	8.8	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.1.1.2-Tetrachloroetha	1	0	Avg	0.3627	0.2979	0.3463	0.3403	0.3075	0.2589	0.2721	-----	-----	0.312	6.50	0.992	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Chlorobenzene	1	0	Avg	1.1238	1.0021	1.1325	1.0449	0.9549	0.8794	1.1095	-----	-----	1.04	6.47	0.998	1.00	9.2	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Bromoform	1	0	Lin	0.7342	0.4780	0.6166	0.7776	0.8438	0.9000	0.3893	-----	-----	0.677	6.97	0.999	1.00	28	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Ethylbenzene	1	0	Qua	0.7270	0.6595	0.7929	0.6193	0.4948	-----	0.7567	-----	-----	0.675	6.52	0.982	1.00	16	*(30)	20.00	5.00	10.00	50.00	100.0		1.00		
1.1.2.2-Tetrachloroetha	1	0	Avg	1.4142	1.2176	1.3583	1.3130	1.2865	1.3053	1.1374	-----	-----	1.29	7.21	1.00	1.00	7.0	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Bromofluorobenzene	1	0	Avg	0.9550	0.9343	0.9456	0.9774	1.0360	1.1274	0.9653	0.9598	-----	0.988	7.15	-1	-1	6.5		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	2.3013	1.9107	2.3237	2.0401	1.7552	-----	1.9123	-----	-----	2.04	6.84	0.992	1.00	11		20.00	5.00	10.00	50.00	100.0		1.00		
m&p-Xylenes	1	0	Qua	1.1762	1.0343	1.1818	1.0150	0.8774	0.6300	1.1651	-----	-----	1.01	6.58	0.971	0.999	20		40.00	10.00	20.00	100.0	200.0	500.0	2.00		
o-Xylene	1	0	Qua	1.2288	1.0181	1.2751	1.0703	0.9259	0.7160	1.0679	-----	-----	1.04	6.82	0.982	0.999	18		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
trans-1.4-Dichloro-2-bu	1	0	Avg	0.5517	0.4333	0.4920	0.4882	0.4699	0.4247	0.3611	-----	-----	0.460	7.24	0.998	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.3-Dichlorobenzene	1	0	Avg	1.5710	1.3386	1.6058	1.4309	1.3133	1.1941	1.4807	-----	-----	1.42	7.83	0.998	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.4-Dichlorobenzene	1	0	Avg	1.6423	1.4199	1.7134	1.5111	1.4557	1.3297	1.6315	-----	-----	1.53	7.88	0.998	1.00	9.0		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.2-Dichlorobenzene	1	0	Avg	1.6486	1.3371	1.6451	1.4937	1.4327	1.3648	1.4172	-----	-----	1.48	8.13	0.999	1.00	8.5		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Isopropylbenzene	1	0	Avg	2.8094	2.1920	2.7618	2.6383	2.4739	2.3122	2.3671	-----	-----	2.51	7.03	0.999	1.00	9.4		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Cyclohexanone	1	0	Avg	0.0633	0.0409	0.0534	0.0547	0.0571	0.0654	0.0600	-----	-----	0.0564	7.12	0.997	1.00	14		100.0	25.00	50.00	250.0	500.0	1250.	5.00		
1.2.3-Trichloropropane	1	0	Avg	1.5784	1.2809	1.5418	1.4347	1.3492	1.1329	1.2797	-----	-----	1.37	7.25	0.993	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
2-Chlorotoluene	1	0	Avg	1.9072	1.6255	1.9046	1.6945	1.5076	-----	1.8166	-----	-----	1.74	7.36	0.995	1.00	9.3		20.00	5.00	10.00	50.00	100.0		1.00		
p-Ethyltoluene	1	0	Avg	2.7167	2.2908	2.7731	2.9214	2.5828	1.9934	2.4948	-----	-----	2.54	7.35	0.982	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
4-Chlorotoluene	1	0	Avg	1.9514	1.7158	2.0062	1.7457	1.5799	1.4644	1.7677	-----	-----	1.75	7.43	0.998	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
n-Propylbenzene	1	0	Avg	3.3639	2.6531	3.3738	3.1188	3.0285	2.8304	3.0737	-----	-----	3.06	7.29	0.999	1.00	8.6		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Bromobenzene	1	0	Avg	2.3833	1.9673	2.3393	2.1459	1.9767	1.6558	2.0956	-----	-----	2.08	7.25	0.993	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.3.5-Trimethylbenzene	1	0	LinF	2.2410	1.7805	2.2422	1.5805	1.5141	1.4919	1.9783	-----	-----	1.83	7.39	0.999	0.999	18		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
t-Butylbenzene	1	0	Avg	1.8421	1.3677	1.8264	1.7602	1.6734	1.5551	1.5507	-----	-----	1.65	7.60	0.999	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.2.4-Trimethylbenzene	1	0	Avg	2.2827	1.8533	2.3200	2.1283	2.0345	1.8927	1.8289	-----	-----	2.05	7.62	0.999	1.00	9.9		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
sec-Butylbenzene	1	0	Avg	2.2986	1.6661	2.2720	2.2014	2.1279	2.0315	1.9531	-----	-----	2.08	7.72	0.999	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
4-Isopropyltoluene	1	0	Avg	1.8514	1.2919	1.8181	1.7278	1.6373	1.4773	1.4401	-----	-----	1.61	7.80	0.997	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	1.00		
n-Butylbenzene	1	0	Avg	2.2128	1.5860	2.1781	2.0770	2.0010	1.8868	2.0636	-----	-----	2.00	8.07	0.999	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	1.00		

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.1
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 624

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M58977.	CAL @ 20 PPB	02/04/09 13:43	2	3M58972.	CAL @ 5 PPB	02/04/09 12:18
3	3M58978.	CAL @ 10 PPB	02/04/09 14:00	4	3M58976.	CAL @ 50 PPB	02/04/09 13:26
5	3M58975.	CAL @ 100 PPB	02/04/09 13:09	6	3M58974.	CAL @ 250 PPB	02/04/09 12:52
7	3M58970.	CAL @ 1 PPB	02/04/09 11:40	8	3M58971.	CAL @ 0.5 PPB	02/04/09 12:00

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	Avg	1.1233	0.7830	1.1085	1.0618	1.0149	0.9250	0.9680	-----	-----	0.998	8.05	0.998	1.00	12	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.2.4.5-Tetramethylber	1	0	LinF	1.5753	0.9677	1.4686	1.4956	1.5012	1.4837	1.0878	-----	-----	1.37	8.55	1.00	1.00	17	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.2-Dibromo-3-Chloropr	1	0	LinF	0.2698	0.1638	0.2286	0.2697	0.2893	0.3252	0.1080	-----	-----	0.236	8.62	0.998	1.00	32	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Hexachlorobutadiene	1	0	LinF	0.5824	0.3387	0.5881	0.4968	0.4779	0.4389	0.6061	-----	-----	0.504	9.25	0.998	1.00	19	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.2.4-Trichlorobenzene	1	0	Avg	0.8693	0.5560	0.8775	0.7923	0.7928	0.7993	0.7451	-----	-----	0.776	9.16	1.00	1.00	14	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
1.2.3-Trichlorobenzene	1	0	LinF	0.9092	0.5515	0.8675	0.7776	0.7787	0.7770	0.6449	-----	-----	0.758	9.49	1.00	1.00	16	20.00	5.00	10.00	50.00	100.0	250.0	1.00		
Naphthalene	1	0	LinF	2.3286	1.4060	2.2480	2.0265	2.0386	2.0591	1.7914	-----	-----	1.99	9.34	1.00	1.00	16	20.00	5.00	10.00	50.00	100.0	250.0	1.00		

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.1
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58977.D Sam Mult : 1 Vial# : 22 Qt On : 02/04/09 13:57
Acq On : 02/ 4/09 13:43 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.651	96	309852	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.453	117	244646	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.861	152	128902	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.237	111	91422	32.38	ug/l	0.00
Spiked Amount 30.000			Recovery =	107.93%		
32) 1,2-Dichloroethane-d4	4.454	102	19274	31.54	ug/l	0.00
Spiked Amount 30.000			Recovery =	105.13%		
56) Toluene-d8	5.596	100	196371	28.87	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.23%		
64) Bromofluorobenzene	7.142	174	123112	28.60	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.33%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.547	51	72167	12.03	ug/l	100
3) Dichlorodifluoromethane	1.497	85	89172	37.97	ug/l	88
4) Chloromethane	1.714	50	48724	26.47	ug/l	86
5) Bromomethane	1.930	94	13054	29.62	ug/l	89
6) Vinyl Chloride	1.697	62	55060	28.84	ug/l	96
7) Chloroethane	2.014	64	20448	26.81	ug/l	97
8) Trichlorofluoromethane	2.197	101	43315	21.58	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.553	101	43874	23.95	ug/l	94
10) Methylene Chloride	2.937	84	68603	22.38	ug/l	93
11) Acrolein	2.504	56	43188	62.99	ug/l	92
12) Acrylonitrile	3.124	53	38275	25.64	ug/l	90
13) Iodomethane	2.701	142	73354	19.09	ug/l	92
14) Acetone	2.622	43	178016	119.26	ug/l	96
15) Carbon Disulfide	2.760	76	206651	23.54	ug/l	100
16) t-Butyl Alcohol	3.006	59	29769	150.83	ug/l	97
17) n-Hexane	3.331	57	39067	23.25	ug/l	78
18) Di-isopropyl-ether	3.498	45	363008	24.16	ug/l	77
19) 1,1-Dichloroethene	2.573	61	119576	23.97	ug/l	87
20) Methyl Acetate	2.848	43	96902	21.94	ug/l	100
21) Methyl-t-butyl ether	3.124	73	148011	25.36	ug/l	93
22) 1,1-Dichloroethane	3.469	63	139944	24.57	ug/l	99
23) trans-1,2-Dichloroethene	3.134	96	57515	24.26	ug/l	92
24) cis-1,2-Dichloroethene	3.912	61	141346	24.10	ug/l	87
25) Bromochloromethane	4.089	49	98389	23.12	ug/l	99
26) 2,2-Dichloropropane	3.912	77	62759	24.20	ug/l	96
27) 1,4-Dioxane	5.084	88	51954	1340.80	ug/l	55
28) 1,1-Dichloropropene	4.355	75	101800	23.84	ug/l	98
29) Chloroform	4.129	83	126235	23.81	ug/l	98
31) Cyclohexane	4.286	56	100518	24.03	ug/l	78
33) 1,2-Dichloroethane	4.503	62	128180	22.50	ug/l	99
34) 2-Butanone	3.922	43	64448	25.12	ug/l	78
35) 1,1,1-Trichloroethane	4.257	97	84577	23.32	ug/l	95
36) Carbon Tetrachloride	4.365	117	52101	17.57	ug/l	89
37) Vinyl Acetate	3.488	43	359783	25.60	ug/l	100
38) Bromodichloromethane	5.173	83	109186	22.85	ug/l	96
39) Methylcyclohexane	4.985	83	60562	24.15	ug/l	79
40) Dibromomethane	5.094	174	73652	29.49	ug/l	94
41) 1,2-Dichloropropane	5.015	63	97007	24.20	ug/l	97
42) Trichloroethene	4.877	130	74014	23.15	ug/l	92
43) Benzene	4.493	78	278191	21.73	ug/l	100
44) tert-Amyl methyl ether	4.542	73	147902	26.50	ug/l	57
46) Dibromochloromethane	6.108	129	84809	21.65	ug/l	99
47) 2-Chloroethylvinylether	5.330	63	64328	33.06	ug/l	84
48) cis-1,3-Dichloropropene	5.429	75	135696	24.57	ug/l	94
49) trans-1,3-Dichloropropene	5.754	75	116556	24.01	ug/l	98
50) 1,1,2-Trichloroethane	5.862	97	74609	23.34	ug/l	92
51) 1,2-Dibromoethane	6.187	107	90372	23.34	ug/l	92
52) 1,3-Dichloropropane	5.970	76	142046	23.16	ug/l	96
53) 4-Methyl-2-Pentanone	5.507	43	152683	24.93	ug/l	93
54) 2-Hexanone	5.990	43	112479	25.64	ug/l	88
55) Tetrachloroethene	5.960	164	57917	22.82	ug/l	99
57) Toluene	5.635	92	167144	22.55	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.512	133	59155	21.92	ug/l	92
59) Chlorobenzene	6.473	112	183296	22.55	ug/l	99
61) Bromoform	6.965	173	63094	20.50	ug/l	94
62) Ethylbenzene	6.512	106	62480	22.28	ug/l	78
63) 1,1,2,2-Tetrachloroethane	7.211	83	121535	23.31	ug/l	90
65) Styrene	6.827	104	197765	24.26	ug/l	93
66) m&p-Xylenes	6.581	106	202166	47.65	ug/l	92

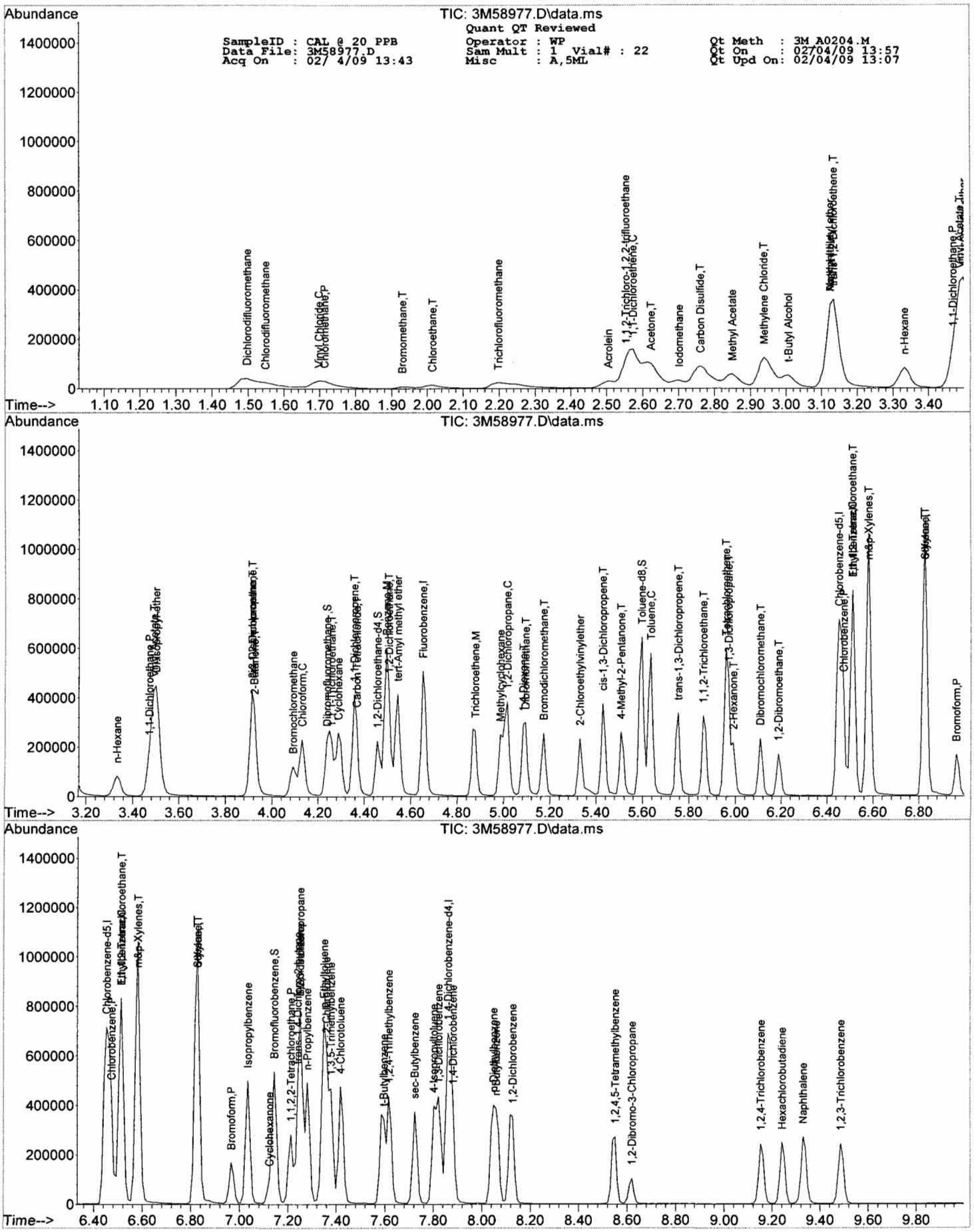
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58977.D Sam Mult : 1 Vial# : 22 Qt On : 02/04/09 13:57
Acq On : 02/ 4/09 13:43 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.827	106	105599	24.35	ug/l	84
68) trans-1,4-Dichloro-2-b...	7.241	53	47410	24.75	ug/l	59
69) 1,3-Dichlorobenzene	7.822	146	135006	23.60	ug/l	98
70) 1,4-Dichlorobenzene	7.881	146	141135	22.74	ug/l	93
71) 1,2-Dichlorobenzene	8.127	146	141678	23.63	ug/l	99
72) Isopropylbenzene	7.034	105	241432	24.15	ug/l	98
73) Cyclohexanone	7.123	55	27197	107.57	ug/l	96
74) 1,2,3-Trichloropropane	7.251	75	135639	23.99	ug/l	92
75) 2-Chlorotoluene	7.359	91	163902	23.03	ug/l	96
76) p-Ethyltoluene	7.349	105	233462m	21.40	ug/l	
77) 4-Chlorotoluene	7.418	91	167698	23.89	ug/l	95
78) n-Propylbenzene	7.280	91	289079	23.14	ug/l	97
79) Bromobenzene	7.251	77	204812	23.12	ug/l	84
80) 1,3,5-Trimethylbenzene	7.379	105	192580m	23.87	ug/l	
81) t-Butylbenzene	7.595	119	158306	23.72	ug/l	92
82) 1,2,4-Trimethylbenzene	7.615	105	196170	23.18	ug/l	95
83) sec-Butylbenzene	7.723	105	197536	23.34	ug/l	95
84) 4-Isopropyltoluene	7.802	119	159105	23.83	ug/l	96
85) n-Butylbenzene	8.058	91	190156	23.48	ug/l	97
86) p-Diethylbenzene	8.048	119	96532	23.86	ug/l	95
87) 1,2,4,5-Tetramethylben...	8.551	119	135380	21.60	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.620	157	23186	24.82	ug/l	95
89) Hexachlorobutadiene	9.240	225	50052	26.87	ug/l	99
90) 1,2,4-Trichlorobenzene	9.151	180	74703	23.35	ug/l	100
91) 1,2,3-Trichlorobenzene	9.486	180	78138	24.60	ug/l	99
92) Naphthalene	9.329	128	200114	23.12	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M58977.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 3M58977.D
Acq On : 02/ 4/09 13:43
Operator : WP
Sam Mult : 1 Vial# : 22
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02/04/09 13:57
Qt Upd On: 02/04/09 13:07
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58972.D Sam Mult : 1 Vial# : 17 Qt On : 02/04/09 13:11
Acq On : 02/ 4/09 12:18 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.650	96	368500	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.453	117	271965	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.861	152	143008	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.237	111	114487	34.10	ug/l	0.00
Spiked Amount 30.000			Recovery =	113.67%		
32) 1,2-Dichloroethane-d4	4.453	102	23240	31.98	ug/l	0.00
Spiked Amount 30.000			Recovery =	106.60%		
56) Toluene-d8	5.596	100	226450	29.95	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.83%		
64) Bromofluorobenzene	7.142	174	133620	27.98	ug/l	-0.01
Spiked Amount 30.000			Recovery =	93.27%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.532	51	26012	3.65	ug/l	82
3) Dichlorodifluoromethane	1.482	85	21205	7.59	ug/l	86
4) Chloromethane	1.682	50	14638	6.69	ug/l	88
5) Bromomethane	1.932	94	2198	4.19	ug/l	91
6) Vinyl Chloride	1.699	62	14997	6.61	ug/l	98
7) Chloroethane	1.999	64	6130	6.76	ug/l	90
8) Trichlorofluoromethane	2.182	101	9326	3.91	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.553	101	10626	4.88	ug/l	92
10) Methylene Chloride	2.937	84	17946	4.92	ug/l	86
11) Acrolein	2.503	56	10651	13.06	ug/l	99
12) Acrylonitrile	3.124	53	8699	4.90	ug/l	85
13) Iodomethane	2.700	142	11181	2.45	ug/l	84
14) Acetone	2.612	43	43407	24.45	ug/l	100
15) Carbon Disulfide	2.759	76	47276	4.53	ug/l	100
16) t-Butyl Alcohol	3.006	59	5652	24.08	ug/l	60
17) n-Hexane	3.331	57	8120	4.06	ug/l	81
18) Di-isopropyl-ether	3.498	45	79292	4.44	ug/l	80
19) 1,1-Dichloroethene	2.562	61	30124	5.08	ug/l	89
20) Methyl Acetate	2.848	43	24811	4.72	ug/l	100
21) Methyl-t-butyl ether	3.124	73	29790	4.29	ug/l	80
22) 1,1-Dichloroethane	3.469	63	33317	4.92	ug/l	99
23) trans-1,2-Dichloroethene	3.134	96	14993	5.32	ug/l	99
24) cis-1,2-Dichloroethene	3.912	61	34983	5.02	ug/l	87
25) Bromochloromethane	4.089	49	26776	5.29	ug/l	95
26) 2,2-Dichloropropane	3.912	77	12511	4.06	ug/l	95
27) 1,4-Dioxane	5.084	88	11307	245.36	ug/l	62
28) 1,1-Dichloropropene	4.355	75	23819	4.69	ug/l	98
29) Chloroform	4.128	83	32695	5.18	ug/l	99
31) Cyclohexane	4.286	56	19928	4.01	ug/l	83
33) 1,2-Dichloroethane	4.503	62	33217	4.90	ug/l	96
34) 2-Butanone	3.922	43	14187	4.65	ug/l	86
35) 1,1,1-Trichloroethane	4.256	97	19335	4.48	ug/l	97
36) Carbon Tetrachloride	4.365	117	6731	1.91	ug/l	97
37) Vinyl Acetate	3.488	43	76336	4.57	ug/l	100
38) Bromodichloromethane	5.172	83	24180	4.26	ug/l	100
39) Methylcyclohexane	4.985	83	11996	4.02	ug/l	85
40) Dibromomethane	5.094	174	17765	5.98	ug/l	93
41) 1,2-Dichloropropane	5.015	63	22157	4.65	ug/l	100
42) Trichloroethene	4.877	130	17555	4.62	ug/l	94
43) Benzene	4.493	78	70334	4.62	ug/l	100
44) tert-Amyl methyl ether	4.542	73	28065	4.23	ug/l	74
46) Dibromochloromethane	6.108	129	16773	3.85	ug/l	94
47) 2-Chloroethylvinylether	5.330	63	11522	5.33	ug/l	85
48) cis-1,3-Dichloropropene	5.428	75	26524	4.32	ug/l	95
49) trans-1,3-Dichloropropene	5.753	75	20899	3.87	ug/l	97
50) 1,1,2-Trichloroethane	5.862	97	17429	4.90	ug/l	89
51) 1,2-Dibromoethane	6.187	107	20512	4.77	ug/l	87
52) 1,3-Dichloropropane	5.970	76	34605	5.08	ug/l	94
53) 4-Methyl-2-Pentanone	5.507	43	28797	4.23	ug/l	97
54) 2-Hexanone	5.990	43	21049	4.32	ug/l	90
55) Tetrachloroethene	5.960	164	12777	4.53	ug/l	98
57) Toluene	5.635	92	40185	4.88	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.512	133	13504	4.50	ug/l	96
59) Chlorobenzene	6.463	112	45423	5.03	ug/l	96
61) Bromoform	6.965	173	11395	3.34	ug/l	98
62) Ethylbenzene	6.512	106	15720	5.05	ug/l	77
63) 1,1,2,2-Tetrachloroethane	7.211	83	29021	5.02	ug/l	84
65) Styrene	6.827	104	45542	5.04	ug/l	95
66) m&p-Xylenes	6.581	106	49306	10.47	ug/l	94

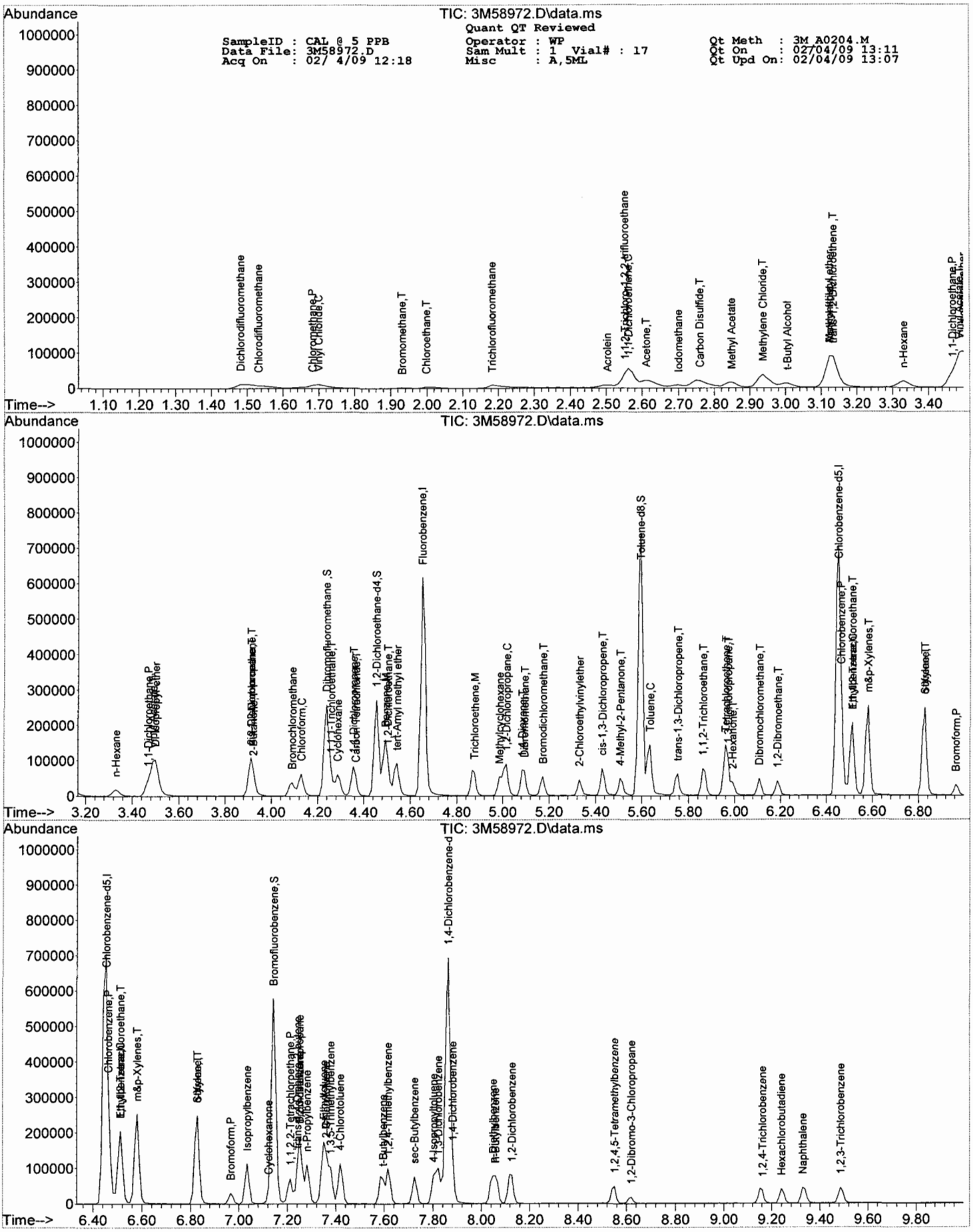
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58972.D Sam Mult : 1 Vial# : 17 Qt On : 02/04/09 13:11
Acq On : 02/ 4/09 12:18 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.827	106	24268	5.04 ug/l	78
68) trans-1,4-Dichloro-2-b...	7.241	53	10328	4.86 ug/l	62
69) 1,3-Dichlorobenzene	7.822	146	31906	5.03 ug/l	95
70) 1,4-Dichlorobenzene	7.881	146	33844m	4.92 ug/l	
71) 1,2-Dichlorobenzene	8.127	146	31871	4.79 ug/l	99
72) Isopropylbenzene	7.034	105	52246	4.71 ug/l	97
73) Cyclohexanone	7.122	55	4881	17.40 ug/l	87
74) 1,2,3-Trichloropropane	7.250	75	30530	4.87 ug/l	96
75) 2-Chlorotoluene	7.359	91	38744	4.91 ug/l	96
76) p-Ethyltoluene	7.349	105	54601m	4.51 ug/l	
77) 4-Chlorotoluene	7.418	91	40896	5.25 ug/l	94
78) n-Propylbenzene	7.280	91	63237	4.56 ug/l	97
79) Bromobenzene	7.250	77	46891	4.77 ug/l	85
80) 1,3,5-Trimethylbenzene	7.378	105	42438m	4.74 ug/l	
81) t-Butylbenzene	7.595	119	32600	4.40 ug/l	90
82) 1,2,4-Trimethylbenzene	7.615	105	44174	4.71 ug/l	93
83) sec-Butylbenzene	7.723	105	39713	4.23 ug/l	92
84) 4-Isopropyltoluene	7.802	119	30792	4.16 ug/l	97
85) n-Butylbenzene	8.058	91	37804	4.21 ug/l	97
86) p-Diethylbenzene	8.048	119	18664	4.16 ug/l	89
87) 1,2,4,5-Tetramethylben...	8.550	119	23065	3.32 ug/l	96
88) 1,2-Dibromo-3-Chloropr...	8.619	157	3906	3.77 ug/l	91
89) Hexachlorobutadiene	9.240	225	8075	3.91 ug/l	97
90) 1,2,4-Trichlorobenzene	9.161	180	13254	3.73 ug/l	95
91) 1,2,3-Trichlorobenzene	9.486	180	13146	3.73 ug/l	96
92) Naphthalene	9.329	128	33513	3.49 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M58972.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 3M58972.D
Acq On : 02/ 4/09 12:18
Operator : WP
Sam Mult : 1 Vial# : 17
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02/04/09 13:11
Qt Upd On: 02/04/09 13:07
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58978.D Sam Mult : 1 Vial# : 23 Qt On : 02/04/09 14:15
Acq On : 02/ 4/09 14:00 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.651	96	309879	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.454	117	243711	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.862	152	126130	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.238	111	92198	32.65	ug/l	0.00
Spiked Amount 30.000			Recovery = 108.83%			
32) 1,2-Dichloroethane-d4	4.454	102	20070	32.84	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.47%			
56) Toluene-d8	5.597	100	196109	28.95	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.50%			
64) Bromofluorobenzene	7.143	174	119270	28.31	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.37%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.559	51	41413	6.90	ug/l	72
3) Dichlorodifluoromethane	1.492	85	42744	18.20	ug/l	98
4) Chloromethane	1.709	50	23799	12.93	ug/l	83
5) Bromomethane	1.942	94	5060	11.48	ug/l	94
6) Vinyl Chloride	1.709	62	27576	14.44	ug/l	91
7) Chloroethane	2.009	64	9753	12.79	ug/l	98
8) Trichlorofluoromethane	2.192	101	21352	10.64	ug/l	95
9) 1,1,2-Trichloro-1,2,2-...	2.563	101	22063	12.04	ug/l	94
10) Methylene Chloride	2.938	84	33209	10.83	ug/l	95
11) Acrolein	2.504	56	19894	29.01	ug/l	98
12) Acrylonitrile	3.135	53	17678	11.84	ug/l	86
13) Iodomethane	2.701	142	30548	7.95	ug/l	95
14) Acetone	2.622	43	85573	57.33	ug/l	94
15) Carbon Disulfide	2.760	76	104298	11.88	ug/l	100
16) t-Butyl Alcohol	3.007	59	12523	63.44	ug/l	86
17) n-Hexane	3.332	57	18495	11.01	ug/l	85
18) Di-isopropyl-ether	3.499	45	176183	11.73	ug/l	79
19) 1,1-Dichloroethene	2.573	61	61865	12.40	ug/l	82
20) Methyl Acetate	2.849	43	44537	10.08	ug/l	100
21) Methyl-t-butyl ether	3.125	73	69732	11.95	ug/l	90
22) 1,1-Dichloroethane	3.469	63	69073	12.12	ug/l	96
23) trans-1,2-Dichloroethene	3.135	96	28765	12.13	ug/l	95
24) cis-1,2-Dichloroethene	3.913	61	68790	11.73	ug/l	85
25) Bromochloromethane	4.090	49	47784	11.23	ug/l	99
26) 2,2-Dichloropropane	3.913	77	28234	10.89	ug/l	95
27) 1,4-Dioxane	5.085	88	24459	631.17	ug/l	66
28) 1,1-Dichloropropene	4.356	75	51372	12.03	ug/l	98
29) Chloroform	4.129	83	61742	11.64	ug/l	97
31) Cyclohexane	4.287	56	48057	11.49	ug/l	80
33) 1,2-Dichloroethane	4.504	62	63231	11.10	ug/l	96
34) 2-Butanone	3.922	43	31529	12.29	ug/l	80
35) 1,1,1-Trichloroethane	4.257	97	40983	11.30	ug/l	98
36) Carbon Tetrachloride	4.366	117	20244	6.83	ug/l	86
37) Vinyl Acetate	3.489	43	162586	11.57	ug/l	100
38) Bromodichloromethane	5.173	83	49915	10.45	ug/l	94
39) Methylcyclohexane	4.986	83	29291	11.68	ug/l	78
40) Dibromomethane	5.094	174	34636	13.87	ug/l	92
41) 1,2-Dichloropropane	5.016	63	46036	11.48	ug/l	100
42) Trichloroethene	4.868	130	37225	11.64	ug/l	91
43) Benzene	4.494	78	138161	10.79	ug/l	100
44) tert-Amyl methyl ether	4.543	73	69188	12.40	ug/l	60
46) Dibromochloromethane	6.109	129	36872	9.45	ug/l	93
47) 2-Chloroethylvinylether	5.331	63	28342	14.62	ug/l	84
48) cis-1,3-Dichloropropene	5.429	75	59459	10.81	ug/l	96
49) trans-1,3-Dichloropropene	5.754	75	50776	10.50	ug/l	100
50) 1,1,2-Trichloroethane	5.863	97	37002	11.62	ug/l	92
51) 1,2-Dibromoethane	6.188	107	43486	11.28	ug/l	95
52) 1,3-Dichloropropane	5.971	76	69683	11.40	ug/l	96
53) 4-Methyl-2-Pentanone	5.508	43	70404	11.54	ug/l	92
54) 2-Hexanone	5.991	43	50547	11.57	ug/l	90
55) Tetrachloroethene	5.961	164	28915	11.44	ug/l	97
57) Toluene	5.636	92	82763	11.21	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.503	133	28133	10.46	ug/l	91
59) Chlorobenzene	6.463	112	92007	11.36	ug/l	95
61) Bromoform	6.966	173	25924	8.61	ug/l	97
62) Ethylbenzene	6.513	106	33336	12.15	ug/l	83
63) 1,1,2,2-Tetrachloroethane	7.212	83	57108	11.20	ug/l	89
65) Styrene	6.828	104	97700	12.25	ug/l	98
66) m&p-Xylenes	6.582	106	99377	23.94	ug/l	92

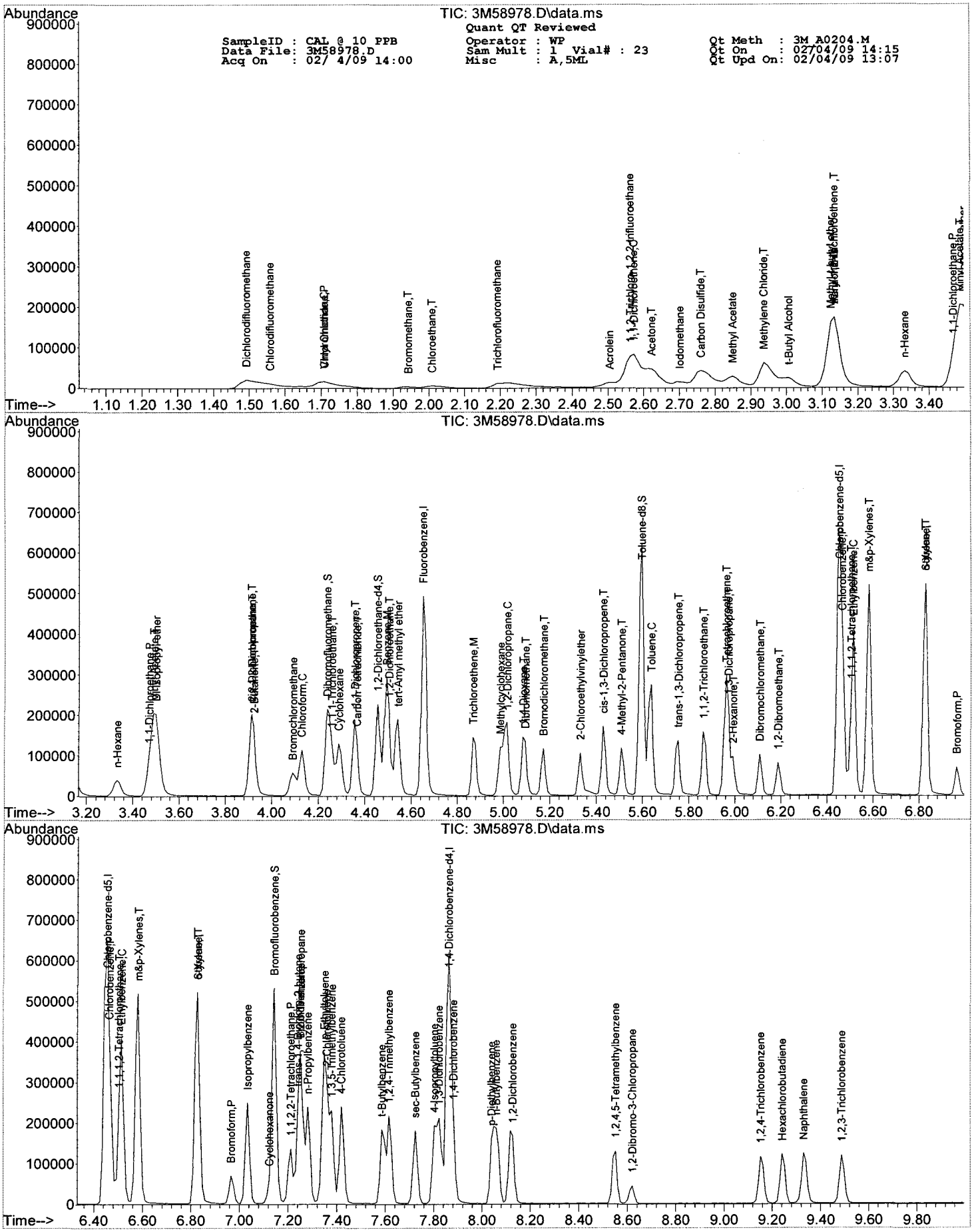
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58978.D Sam Mult : 1 Vial# : 23 Qt On : 02/04/09 14:15
Acq On : 02/ 4/09 14:00 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.828	106	53611	12.63 ug/l	86
68) trans-1,4-Dichloro-2-b...	7.242	53	20687	11.03 ug/l	70
69) 1,3-Dichlorobenzene	7.823	146	67514	12.06 ug/l	97
70) 1,4-Dichlorobenzene	7.882	146	72039	11.86 ug/l	92
71) 1,2-Dichlorobenzene	8.128	146	69169	11.79 ug/l	99
72) Isopropylbenzene	7.035	105	116118	11.87 ug/l	97
73) Cyclohexanone	7.123	55	11233	45.41 ug/l	92
74) 1,2,3-Trichloropropane	7.251	75	64825	11.72 ug/l	92
75) 2-Chlorotoluene	7.360	91	80079	11.50 ug/l	97
76) p-Ethyltoluene	7.350	105	116594m	10.92 ug/l	
77) 4-Chlorotoluene	7.419	91	84351	12.28 ug/l	95
78) n-Propylbenzene	7.281	91	141849	11.60 ug/l	98
79) Bromobenzene	7.251	77	98355	11.35 ug/l	85
80) 1,3,5-Trimethylbenzene	7.379	105	94273m	11.94 ug/l	
81) t-Butylbenzene	7.586	119	76791	11.76 ug/l	90
82) 1,2,4-Trimethylbenzene	7.616	105	97543	11.78 ug/l	96
83) sec-Butylbenzene	7.724	105	95524	11.53 ug/l	95
84) 4-Isopropyltoluene	7.803	119	76442	11.70 ug/l	96
85) n-Butylbenzene	8.059	91	91575	11.56 ug/l	98
86) p-Diethylbenzene	8.039	119	46609	11.77 ug/l	89
87) 1,2,4,5-Tetramethylben...	8.551	119	61745	10.07 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.620	157	9613	10.52 ug/l	92
89) Hexachlorobutadiene	9.241	225	24729	13.57 ug/l	98
90) 1,2,4-Trichlorobenzene	9.152	180	36896	11.79 ug/l	99
91) 1,2,3-Trichlorobenzene	9.487	180	36476	11.73 ug/l	98
92) Naphthalene	9.329	128	94516	11.16 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M58978.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 3M58978.D
Acq On : 02/ 4/09 14:00
Operator : WP
Sam Mult : 1 Vial# : 23
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02/04/09 14:15
Qt Upd On: 02/04/09 13:07
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58976.D Sam Mult : 1 Vial# : 21 Qt On : 02/04/09 13:49
Acq On : 02/ 4/09 13:26 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.651	96	310754	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.453	117	246951	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.861	152	129886	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.237	111	93110	32.88	ug/l	0.00
Spiked Amount 30.000			Recovery =	109.60%		
32) 1,2-Dichloroethane-d4	4.454	102	19631	32.03	ug/l	0.00
Spiked Amount 30.000			Recovery =	106.77%		
56) Toluene-d8	5.596	100	197398	28.75	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.83%		
64) Bromofluorobenzene	7.142	174	126960	29.27	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.57%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.548	51	209255	34.77	ug/l	89
3) Dichlorodifluoromethane	1.498	85	218195	92.64	ug/l	92
4) Chloromethane	1.698	50	112334	60.84	ug/l	86
5) Bromomethane	1.932	94	32515m	73.56	ug/l	
6) Vinyl Chloride	1.698	62	130757	68.29	ug/l	95
7) Chloroethane	2.015	64	41598	54.39	ug/l	94
8) Trichlorofluoromethane	2.198	101	118625	58.94	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.553	101	104028	56.62	ug/l	96
10) Methylene Chloride	2.937	84	162869	52.98	ug/l	97
11) Acrolein	2.504	56	103633	150.70	ug/l	97
12) Acrylonitrile	3.134	53	86958	58.08	ug/l	95
13) Iodomethane	2.701	142	196516	50.99	ug/l	90
14) Acetone	2.622	43	390793	261.05	ug/l	95
15) Carbon Disulfide	2.760	76	497047	56.46	ug/l	100
16) t-Butyl Alcohol	3.006	59	68058	343.82	ug/l	97
17) n-Hexane	3.331	57	98628	58.53	ug/l	78
18) Di-isopropyl-ether	3.498	45	863755	57.33	ug/l	76
19) 1,1-Dichloroethene	2.582	61	290066	57.99	ug/l	89
20) Methyl Acetate	2.848	43	229301	51.77	ug/l	100
21) Methyl-t-butyl ether	3.124	73	343349	58.66	ug/l	93
22) 1,1-Dichloroethane	3.469	63	331681	58.06	ug/l	98
23) trans-1,2-Dichloroethene	3.134	96	132281	55.64	ug/l	87
24) cis-1,2-Dichloroethene	3.912	61	337100	57.32	ug/l	80
25) Bromochloromethane	4.089	49	231509	54.24	ug/l	95
26) 2,2-Dichloropropane	3.912	77	161214	61.98	ug/l	93
27) 1,4-Dioxane	5.084	88	110997	2856.24	ug/l	59
28) 1,1-Dichloropropene	4.355	75	232930	54.39	ug/l	98
29) Chloroform	4.129	83	298515	56.13	ug/l	99
31) Cyclohexane	4.286	56	247668	59.03	ug/l	78
33) 1,2-Dichloroethane	4.503	62	289887	50.74	ug/l	99
34) 2-Butanone	3.922	43	139371	54.16	ug/l	80
35) 1,1,1-Trichloroethane	4.257	97	207287	57.00	ug/l	100
36) Carbon Tetrachloride	4.365	117	141408	47.54	ug/l	88
37) Vinyl Acetate	3.488	43	848796	60.21	ug/l	100
38) Bromodichloromethane	5.173	83	268018	55.94	ug/l	98
39) Methylcyclohexane	4.985	83	150172	59.71	ug/l	78
40) Dibromomethane	5.094	174	163799	65.40	ug/l	94
41) 1,2-Dichloropropane	5.015	63	228821	56.92	ug/l	99
42) Trichloroethene	4.877	130	174042	54.28	ug/l	97
43) Benzene	4.493	78	632440	49.26	ug/l	100
44) tert-Amyl methyl ether	4.542	73	348955	62.34	ug/l	56
46) Dibromochloromethane	6.108	129	219825	55.59	ug/l	98
47) 2-Chloroethylvinylether	5.330	63	152354	77.58	ug/l	85
48) cis-1,3-Dichloropropene	5.429	75	330177	59.23	ug/l	93
49) trans-1,3-Dichloropropene	5.754	75	297103	60.63	ug/l	99
50) 1,1,2-Trichloroethane	5.872	97	170602	52.86	ug/l	99
51) 1,2-Dibromoethane	6.187	107	215803	55.22	ug/l	94
52) 1,3-Dichloropropane	5.970	76	327624	52.92	ug/l	95
53) 4-Methyl-2-Pentanone	5.507	43	354166	57.30	ug/l	94
54) 2-Hexanone	5.990	43	259672	58.64	ug/l	88
55) Tetrachloroethene	5.960	164	134588	52.54	ug/l	100
57) Toluene	5.635	92	384708	51.42	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.512	133	140086	51.41	ug/l	98
59) Chlorobenzene	6.473	112	430071	52.40	ug/l	96
61) Bromoform	6.965	173	168339	54.29	ug/l	99
62) Ethylbenzene	6.512	106	134080	47.46	ug/l	74
63) 1,1,2,2-Tetrachloroethane	7.211	83	284236	54.11	ug/l	85
65) Styrene	6.827	104	441648	53.76	ug/l	92
66) m&p-Xylenes	6.581	106	439461	102.79	ug/l	84

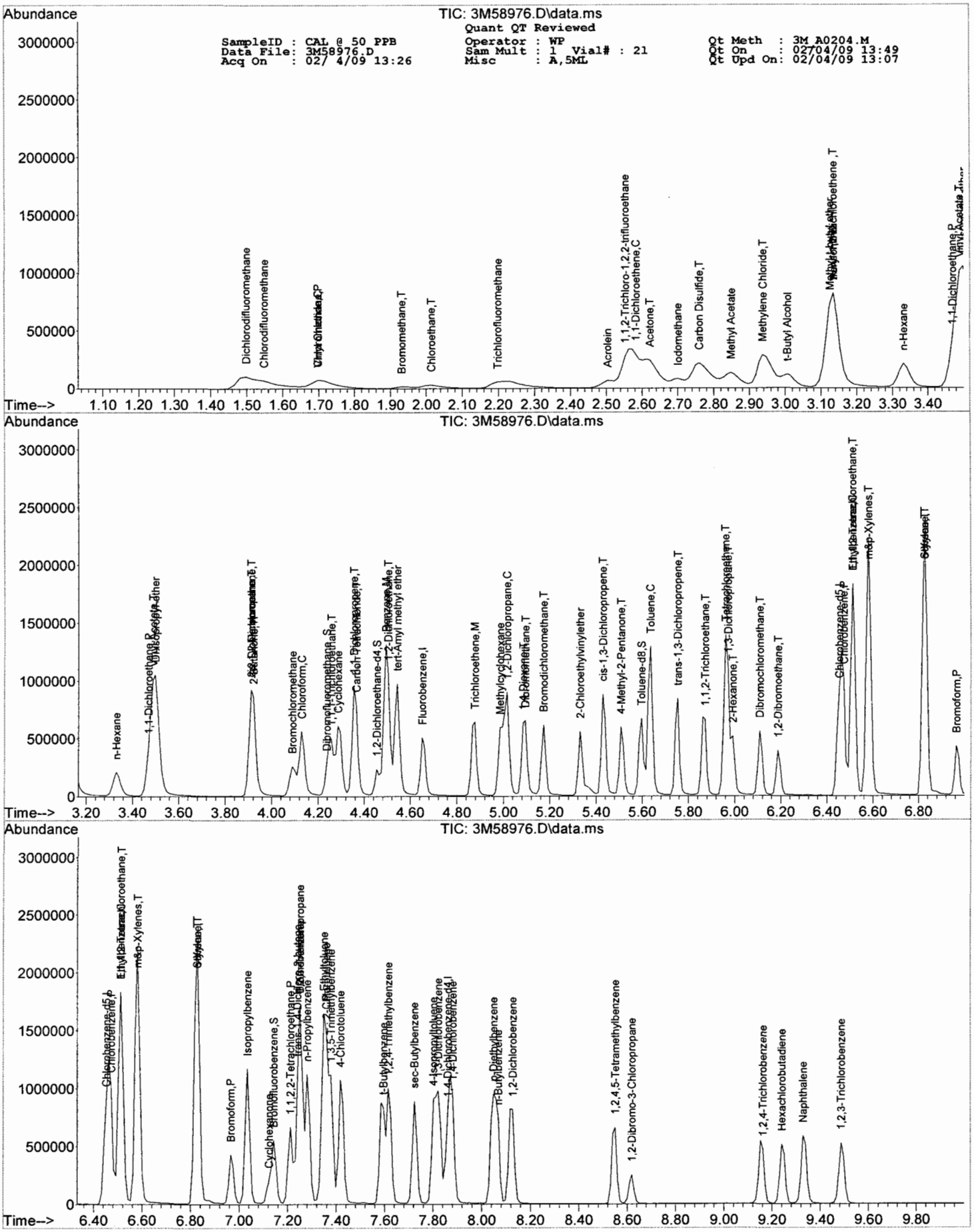
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58976.D Sam Mult : 1 Vial# : 21 Qt On : 02/04/09 13:49
Acq On : 02/ 4/09 13:26 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.827	106	231710	53.02 ug/l	84
68) trans-1,4-Dichloro-2-b...	7.241	53	105703	54.75 ug/l	63
69) 1,3-Dichlorobenzene	7.822	146	309772	53.73 ug/l	97
70) 1,4-Dichlorobenzene	7.881	146	327137	52.31 ug/l	98
71) 1,2-Dichlorobenzene	8.127	146	323364	53.53 ug/l	98
72) Isopropylbenzene	7.034	105	571135	56.70 ug/l	98
73) Cyclohexanone	7.123	55	59301	232.78 ug/l	96
74) 1,2,3-Trichloropropane	7.251	75	310596	54.51 ug/l	89
75) 2-Chlorotoluene	7.359	91	366840	51.16 ug/l	96
76) p-Ethyltoluene	7.349	105	632434	57.54 ug/l	94
77) 4-Chlorotoluene	7.418	91	377904	53.43 ug/l	94
78) n-Propylbenzene	7.280	91	675157	53.63 ug/l	97
79) Bromobenzene	7.251	77	464548	52.04 ug/l	84
80) 1,3,5-Trimethylbenzene	7.379	105	342148m	42.09 ug/l	
81) t-Butylbenzene	7.595	119	381060	56.67 ug/l	92
82) 1,2,4-Trimethylbenzene	7.615	105	460742	54.04 ug/l	96
83) sec-Butylbenzene	7.723	105	476557	55.87 ug/l	94
84) 4-Isopropyltoluene	7.802	119	374028	55.59 ug/l	97
85) n-Butylbenzene	8.068	91	449638	55.10 ug/l	98
86) p-Diethylbenzene	8.048	119	229863	56.38 ug/l	92
87) 1,2,4,5-Tetramethylben...	8.551	119	323776	51.26 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.620	157	58402	62.05 ug/l	96
89) Hexachlorobutadiene	9.240	225	107546	57.30 ug/l	99
90) 1,2,4-Trichlorobenzene	9.161	180	171514	53.21 ug/l	99
91) 1,2,3-Trichlorobenzene	9.486	180	168342	52.59 ug/l	99
92) Naphthalene	9.329	128	438689	50.31 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M58976.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 3M58976.D
Acq On : 02/ 4/09 13:26
Operator : WP
Sam Mult : 1 Vial# : 21
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02/04/09 13:49
Qt Upd On: 02/04/09 13:07
Dichlorodifluoromethane
Chlorodifluoromethane
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichloro-1,2,2-trifluoroethane
1,1-Dichloroethene,C
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
2-Dichloropropane,C
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Chlorobenzene-d5,I
Chlorobenzene,T
Ethylbenzene,T
Styrene,T
o-Xylene,T
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Isopropylbenzene
Bromoform,P
Fluorobenzene,S
4-Chlorotoluene
1,3,5-Trimethylbenzene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58975.D Sam Mult : 1 Vial# : 20 Qt On : 02/04/09 13:46
Acq On : 02/ 4/09 13:09 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.651	96	317645	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.453	117	245199	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.862	152	126330	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.237	111	90758	31.36	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.53%		
32) 1,2-Dichloroethane-d4	4.454	102	20294	32.39	ug/l	0.00
Spiked Amount 30.000			Recovery =	107.97%		
56) Toluene-d8	5.597	100	201237	29.52	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.40%		
64) Bromofluorobenzene	7.143	174	130882	31.02	ug/l	0.00
Spiked Amount 30.000			Recovery =	103.40%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.558	51	542183	88.15	ug/l	63
3) Dichlorodifluoromethane	1.492	85	439228	182.45	ug/l	93
4) Chloromethane	1.708	50	232052	122.96	ug/l	84
5) Bromomethane	1.925	94	59590m	131.88	ug/l	
6) Vinyl Chloride	1.708	62	266508	136.17	ug/l	97
7) Chloroethane	2.008	64	70551	90.25	ug/l	97
8) Trichlorofluoromethane	2.192	101	199041	96.75	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.553	101	204025	108.64	ug/l	94
10) Methylene Chloride	2.937	84	317087	100.92	ug/l	86
11) Acrolein	2.504	56	207470	295.16	ug/l	98
12) Acrylonitrile	3.125	53	169976	111.07	ug/l	89
13) Iodomethane	2.701	142	403627	102.45	ug/l	90
14) Acetone	2.622	43	789419	515.90	ug/l	95
15) Carbon Disulfide	2.760	76	974850	108.33	ug/l	100
16) t-Butyl Alcohol	3.016	59	139746	690.67	ug/l	100
17) n-Hexane	3.331	57	195598	113.56	ug/l	79
18) Di-isopropyl-ether	3.499	45	1649022	107.08	ug/l	75
19) 1,1-Dichloroethene	2.583	61	564687	110.44	ug/l	90
20) Methyl Acetate	2.849	43	472678	104.40	ug/l	100
21) Methyl-t-butyl ether	3.125	73	657044	109.82	ug/l	92
22) 1,1-Dichloroethane	3.469	63	631806	108.19	ug/l	97
23) trans-1,2-Dichloroethene	3.134	96	244856	100.76	ug/l	86
24) cis-1,2-Dichloroethene	3.912	61	629167	104.66	ug/l	79
25) Bromochloromethane	4.090	49	454806	104.24	ug/l	94
26) 2,2-Dichloropropane	3.912	77	321692	121.00	ug/l	94
27) 1,4-Dioxane	5.084	88	210371	5295.94	ug/l	51
28) 1,1-Dichloropropene	4.356	75	436252	99.65	ug/l	98
29) Chloroform	4.129	83	576949	106.13	ug/l	96
31) Cyclohexane	4.287	56	490603	114.40	ug/l	77
33) 1,2-Dichloroethane	4.503	62	541953	92.80	ug/l	99
34) 2-Butanone	3.922	43	279093	106.10	ug/l	78
35) 1,1,1-Trichloroethane	4.257	97	405421	109.07	ug/l	99
36) Carbon Tetrachloride	4.365	117	289436	95.20	ug/l	90
37) Vinyl Acetate	3.489	43	1665482	115.58	ug/l	100
38) Bromodichloromethane	5.173	83	527660	107.74	ug/l	98
39) Methylcyclohexane	4.986	83	291648	113.44	ug/l	78
40) Dibromomethane	5.094	174	305811	119.45	ug/l	95
41) 1,2-Dichloropropane	5.016	63	437449	106.45	ug/l	100
42) Trichloroethene	4.878	130	324071	98.87	ug/l	94
43) Benzene	4.494	78	1161396	88.49	ug/l	100
44) tert-Amyl methyl ether	4.543	73	672799	117.59	ug/l	56
46) Dibromochloromethane	6.109	129	438328	111.64	ug/l	99
47) 2-Chloroethylvinylether	5.331	63	302372	155.07	ug/l	83
48) cis-1,3-Dichloropropene	5.429	75	647851	117.05	ug/l	94
49) trans-1,3-Dichloropropene	5.754	75	598900	123.09	ug/l	100
50) 1,1,2-Trichloroethane	5.872	97	320370	99.98	ug/l	97
51) 1,2-Dibromoethane	6.188	107	415285	107.02	ug/l	94
52) 1,3-Dichloropropane	5.971	76	596145	96.98	ug/l	94
53) 4-Methyl-2-Pentanone	5.508	43	730425	119.01	ug/l	92
54) 2-Hexanone	5.991	43	534209	121.50	ug/l	87
55) Tetrachloroethene	5.961	164	243091	95.57	ug/l	96
57) Toluene	5.636	92	709680	95.53	ug/l	94
58) 1,1,1,2-Tetrachloroethane	6.503	133	251397	92.93	ug/l	93
59) Chlorobenzene	6.473	112	780505	95.78	ug/l	96
61) Bromoform	6.966	173	355355	117.83	ug/l	100
62) Ethylbenzene	6.522	106	208384	75.84	ug/l	87
63) 1,1,2,2-Tetrachloroethane	7.212	83	541751	106.04	ug/l	88
65) Styrene	6.828	104	739120	92.51	ug/l	85
66) m&p-Xylenes	6.581	106	738948	177.71	ug/l	84

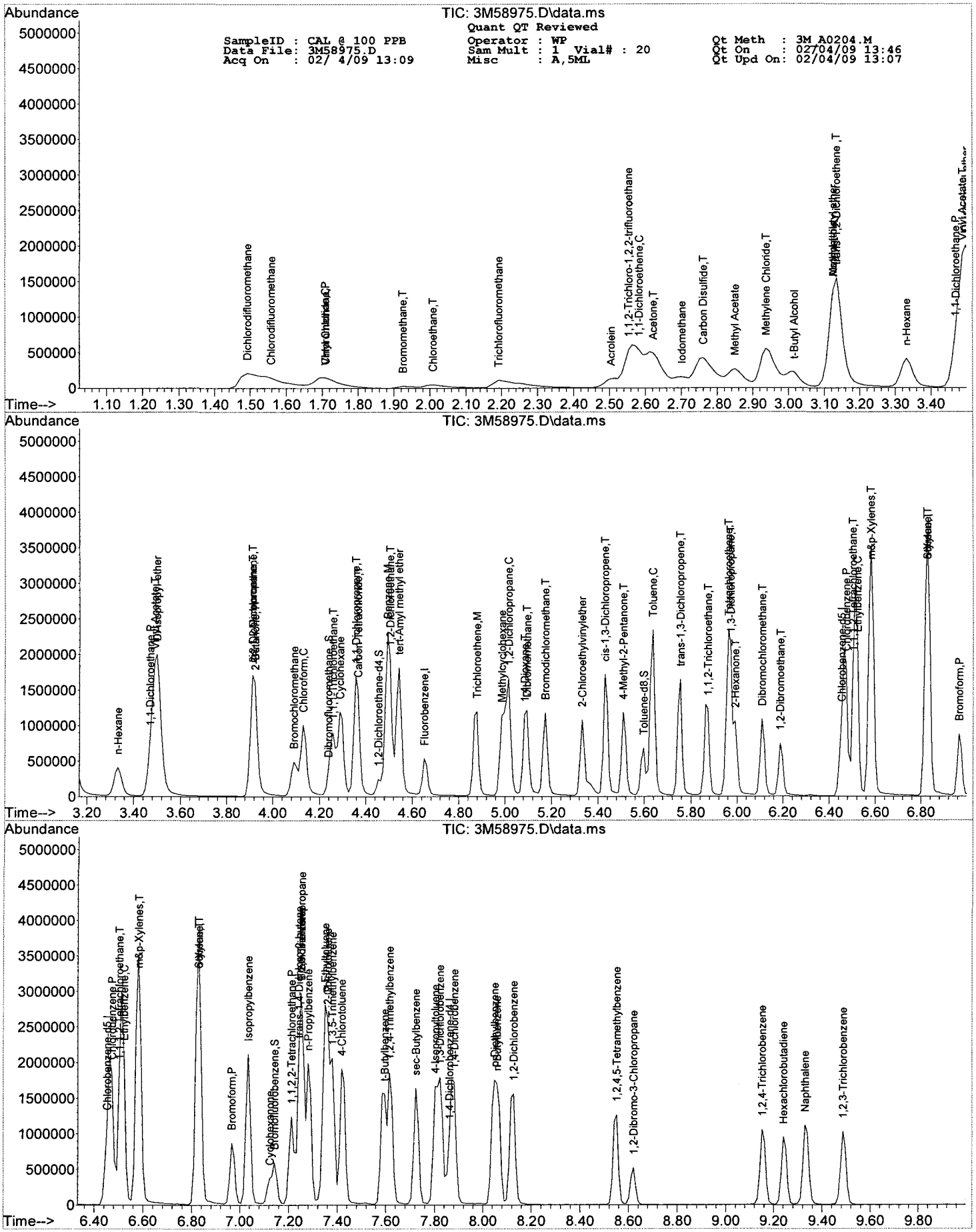
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58975.D Sam Mult : 1 Vial# : 20 Qt On : 02/04/09 13:46
Acq On : 02/ 4/09 13:09 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.828	106	389909	91.73 ug/l	77
68) trans-1,4-Dichloro-2-b...	7.241	53	197914	105.40 ug/l	59
69) 1,3-Dichlorobenzene	7.822	146	553069	98.64 ug/l	97
70) 1,4-Dichlorobenzene	7.881	146	613006	100.78 ug/l	98
71) 1,2-Dichlorobenzene	8.128	146	603314	102.69 ug/l	98
72) Isopropylbenzene	7.035	105	1041785	106.33 ug/l	97
73) Cyclohexanone	7.123	55	120252	485.32 ug/l	97
74) 1,2,3-Trichloropropane	7.251	75	568165	102.52 ug/l	88
75) 2-Chlorotoluene	7.359	91	634884	91.04 ug/l	95
76) p-Ethyltoluene	7.350	105	1087625	101.74 ug/l	94
77) 4-Chlorotoluene	7.419	91	665306	96.72 ug/l	96
78) n-Propylbenzene	7.281	91	1275335	104.16 ug/l	96
79) Bromobenzene	7.251	77	832422	95.88 ug/l	81
80) 1,3,5-Trimethylbenzene	7.379	105	637591m	80.64 ug/l	
81) t-Butylbenzene	7.596	119	704702	107.75 ug/l	90
82) 1,2,4-Trimethylbenzene	7.616	105	856748	103.31 ug/l	96
83) sec-Butylbenzene	7.724	105	896066	108.01 ug/l	94
84) 4-Isopropyltoluene	7.803	119	689494	105.37 ug/l	96
85) n-Butylbenzene	8.059	91	842650	106.18 ug/l	98
86) p-Diethylbenzene	8.049	119	427383	107.78 ug/l	94
87) 1,2,4,5-Tetramethylben...	8.551	119	632168	102.91 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.620	157	121824	133.09 ug/l	96
89) Hexachlorobutadiene	9.241	225	201252	110.24 ug/l	100
90) 1,2,4-Trichlorobenzene	9.152	180	333879	106.51 ug/l	100
91) 1,2,3-Trichlorobenzene	9.487	180	327912	105.32 ug/l	98
92) Naphthalene	9.329	128	858492	101.22 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M58975.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 3M58975.D
Acq On : 02/ 4/09 13:09
Operator : WP
Sam Mult : 1 Vial# : 20
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02/04/09 13:46
Qt Upd On: 02/04/09 13:07
Dichlorodifluoromethane
Chlorodifluoromethane
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichloro-1,2,2-trifluoroethane
1,1-Dichloroethene,C
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Chlorobenzene-d5
Ethylbenzene,T
m&p-Xylenes,T
Isopropylbenzene
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58974.D Sam Mult : 1 Vial# : 19 Qt On : 02/04/09 13:14
Acq On : 02/ 4/09 12:52 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.651	96	299830	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.453	117	207638	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.861	152	108348	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.237	111	79668	29.16	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.20%			
32) 1,2-Dichloroethane-d4	4.454	102	18664	31.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.20%			
56) Toluene-d8	5.596	100	195919	33.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 113.13%			
64) Bromofluorobenzene	7.152	174	122151	33.75	ug/l	0.00
Spiked Amount 30.000			Recovery = 112.50%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.543	51	1464599	252.26	ug/l	69
3) Dichlorodifluoromethane	1.476	85	1115694	490.97	ug/l	93
4) Chloromethane	1.693	50	580447	325.84	ug/l	86
5) Bromomethane	1.910	94	62572	146.71	ug/l	100
6) Vinyl Chloride	1.693	62	648912	351.25	ug/l	96
7) Chloroethane	1.993	64	81799	110.85	ug/l	98
8) Trichlorofluoromethane	2.193	101	624371	321.52	ug/l	95
9) 1,1,2-Trichloro-1,2,2-...	2.553	101	446529	251.90	ug/l	95
10) Methylene Chloride	2.937	84	755613	254.77	ug/l	95
11) Acrolein	2.504	56	503611	759.04	ug/l	99
12) Acrylonitrile	3.124	53	368500	255.11	ug/l	90
13) Iodomethane	2.691	142	957911	257.59	ug/l	91
14) Acetone	2.622	43	1909065	1321.74	ug/l	93
15) Carbon Disulfide	2.750	76	2324612	273.66	ug/l	100
16) t-Butyl Alcohol	3.026	59	344383	1803.17	ug/l	90
17) n-Hexane	3.331	57	476949	293.36	ug/l	79
18) Di-isopropyl-ether	3.498	45	3600961	247.71	ug/l	73
19) 1,1-Dichloroethene	2.582	61	1318680	273.22	ug/l	84
20) Methyl Acetate	2.848	43	1189224	278.26	ug/l	100
21) Methyl-t-butyl ether	3.124	73	1382606	244.82	ug/l	90
22) 1,1-Dichloroethane	3.469	63	1437204	260.74	ug/l	97
23) trans-1,2-Dichloroethene	3.144	96	500190	218.05	ug/l	88
24) cis-1,2-Dichloroethene	3.922	61	1383602	243.83	ug/l	80
25) Bromochloromethane	4.089	49	1089088	264.45	ug/l	93
26) 2,2-Dichloropropane	3.912	77	740056	294.90	ug/l	92
27) 1,4-Dioxane	5.094	88	420641	11218.53	ug/l	50
28) 1,1-Dichloropropene	4.355	75	866785	209.76	ug/l	97
29) Chloroform	4.129	83	1284427	250.31	ug/l	96
31) Cyclohexane	4.296	56	1109797	274.15	ug/l	75
33) 1,2-Dichloroethane	4.503	62	1127299	204.50	ug/l	100
34) 2-Butanone	3.922	43	613405	247.05	ug/l	75
35) 1,1,1-Trichloroethane	4.257	97	947345	270.00	ug/l	98
36) Carbon Tetrachloride	4.365	117	614498	214.12	ug/l	90
37) Vinyl Acetate	3.498	43	3637358	267.43	ug/l	100
38) Bromodichloromethane	5.173	83	1205739	260.82	ug/l	100
39) Methylcyclohexane	4.985	83	629574	259.43	ug/l	72
40) Dibromomethane	5.094	174	617385	255.47	ug/l	93
41) 1,2-Dichloropropane	5.015	63	927151	239.03	ug/l	99
42) Trichloroethene	4.877	130	670836	216.82	ug/l	88
43) Benzene	4.493	78	2318732	187.17	ug/l	100
44) tert-Amyl methyl ether	4.542	73	1435774	265.85	ug/l	58
46) Dibromochloromethane	6.108	129	952537	286.48	ug/l	100
47) 2-Chloroethylvinylether	5.330	63	678124	410.67	ug/l	83
48) cis-1,3-Dichloropropene	5.439	75	1406900	300.16	ug/l	94
49) trans-1,3-Dichloropropene	5.754	75	1329572	322.70	ug/l	100
50) 1,1,2-Trichloroethane	5.872	97	684080	252.10	ug/l	93
51) 1,2-Dibromoethane	6.187	107	921837	280.55	ug/l	97
52) 1,3-Dichloropropane	5.970	76	1146562	220.26	ug/l	94
53) 4-Methyl-2-Pentanone	5.507	43	1765291	339.66	ug/l	90
54) 2-Hexanone	5.990	43	1272006	341.64	ug/l	84
55) Tetrachloroethene	5.960	164	445275	206.73	ug/l	97
57) Toluene	5.635	92	1384240	220.03	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.502	133	448002	195.55	ug/l	93
59) Chlorobenzene	6.473	112	1521774	220.54	ug/l	97
61) Bromoform	6.965	173	812636	314.17	ug/l	98
62) Ethylbenzene	6.522	106	356087	151.10	ug/l	74
63) 1,1,2,2-Tetrachloroethane	7.211	83	1178571	268.98	ug/l	89
65) Styrene	6.837	104	1198434	174.89	ug/l	88
66) m&p-Xylenes	6.581	106	1137718	319.02	ug/l	75

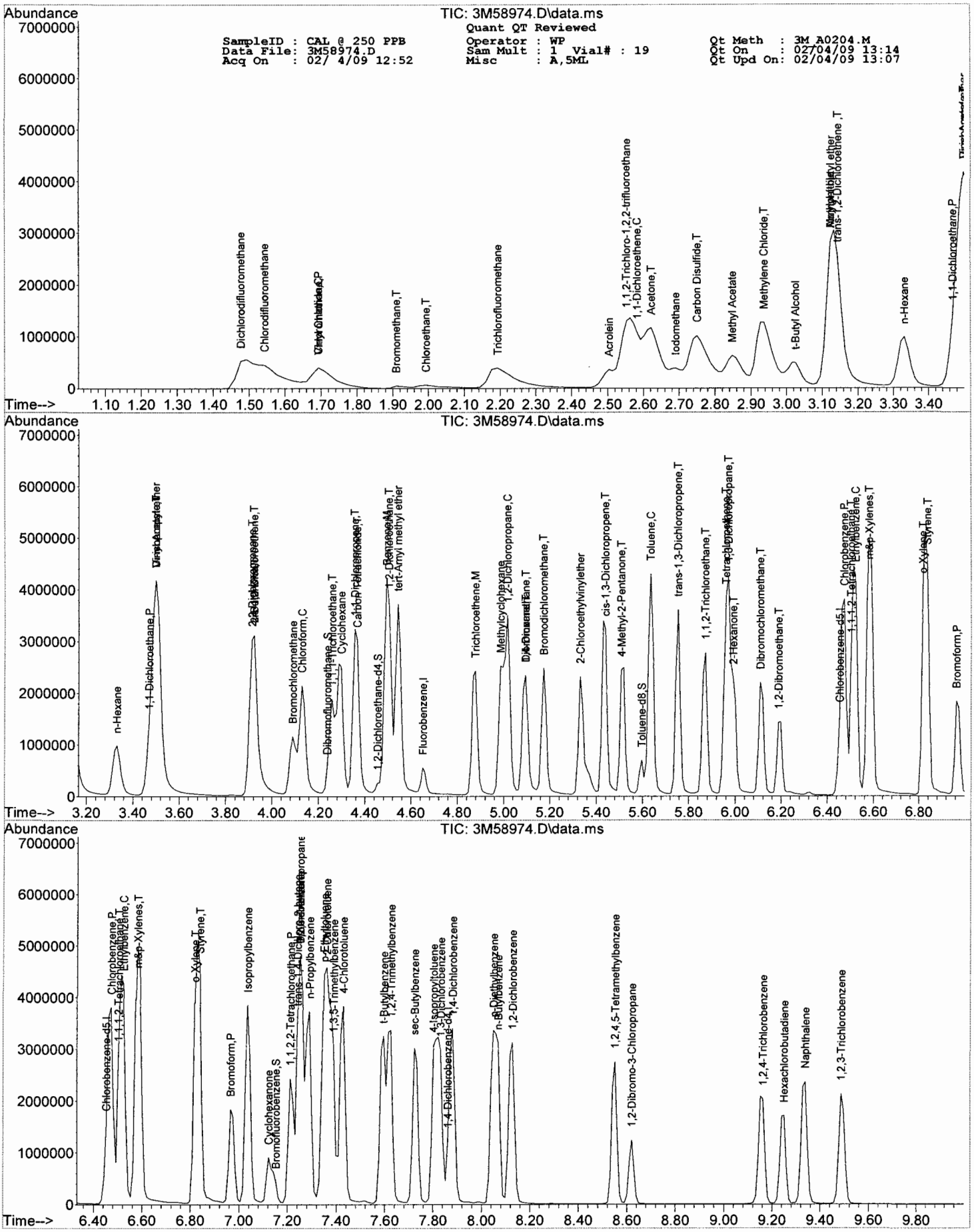
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58974.D Sam Mult : 1 Vial# : 19 Qt On : 02/04/09 13:14
Acq On : 02/ 4/09 12:52 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.817	106	646499	177.34 ug/l	67
68) trans-1,4-Dichloro-2-b...	7.241	53	383534	238.16 ug/l	51
69) 1,3-Dichlorobenzene	7.832	146	1078152	224.19 ug/l	95
70) 1,4-Dichlorobenzene	7.881	146	1200646	230.15 ug/l	96
71) 1,2-Dichlorobenzene	8.127	146	1232337	244.57 ug/l	96
72) Isopropylbenzene	7.034	105	2087742	248.46 ug/l	96
73) Cyclohexanone	7.123	55	295411	1390.10 ug/l	95
74) 1,2,3-Trichloropropane	7.251	75	1022899	215.20 ug/l	87
75) 2-Chlorotoluene	7.359	91	965127	161.36 ug/l	95
76) p-Ethyltoluene	7.349	105	1799879	196.31 ug/l	89
77) 4-Chlorotoluene	7.428	91	1322252	224.13 ug/l	96
78) n-Propylbenzene	7.290	91	2555573	243.36 ug/l	96
79) Bromobenzene	7.251	77	1495031	200.77 ug/l	76
80) 1,3,5-Trimethylbenzene	7.389	105	1347112	198.66 ug/l	89
81) t-Butylbenzene	7.595	119	1404162	250.34 ug/l	87
82) 1,2,4-Trimethylbenzene	7.625	105	1708939	240.26 ug/l	94
83) sec-Butylbenzene	7.723	105	1834297	257.80 ug/l	94
84) 4-Isopropyltoluene	7.802	119	1333903	237.68 ug/l	94
85) n-Butylbenzene	8.068	91	1703589	250.28 ug/l	96
86) p-Diethylbenzene	8.048	119	835257	245.59 ug/l	92
87) 1,2,4,5-Tetramethylben...	8.551	119	1339687	254.28 ug/l	96
88) 1,2-Dibromo-3-Chloropr...	8.620	157	293662	374.05 ug/l	96
89) Hexachlorobutadiene	9.250	225	396347	253.14 ug/l	99
90) 1,2,4-Trichlorobenzene	9.161	180	721725	268.44 ug/l	99
91) 1,2,3-Trichlorobenzene	9.486	180	701564	262.73 ug/l	98
92) Naphthalene	9.339	128	1859198	255.60 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M58974.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 3M58974.D
Acq On : 02/ 4/09 12:52
Operator : WP
Sam Mult : 1 Vial# : 19
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02/04/09 13:14
Qt Upd On: 02/04/09 13:07
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58970.D Sam Mult : 1 Vial# : 15 Qt On : 02/04/09 13:07
Acq On : 02/ 4/09 11:40 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.650	96	317349	30.00	ug/l		0.00
45) Chlorobenzene-d5	6.453	117	242225	30.00	ug/l		0.00
60) 1,4-Dichlorobenzene-d4	7.861	152	119132	30.00	ug/l		0.00
System Monitoring Compounds							
30) Dibromofluoromethane	4.237	111	97974	33.88	ug/l		0.00
Spiked Amount 30.000			Recovery = 112.93%				
32) 1,2-Dichloroethane-d4	4.453	102	20058	32.05	ug/l		0.00
Spiked Amount 30.000			Recovery = 106.83%				
56) Toluene-d8	5.596	100	197969	29.40	ug/l		0.00
Spiked Amount 30.000			Recovery = 98.00%				
64) Bromofluorobenzene	7.142	174	115002	28.90	ug/l		-0.01
Spiked Amount 30.000			Recovery = 96.33%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.515	51	2418	0.39	ug/l		91
3) Dichlorodifluoromethane	1.482	85	3228	1.34	ug/l		96
4) Chloromethane	1.648	50	3153	1.67	ug/l	#	35
5) Bromomethane	1.932	94	204m	0.45	ug/l		
6) Vinyl Chloride	1.682	62	3005	1.54	ug/l		99
7) Chloroethane	1.998	64	1130	1.45	ug/l		44
8) Trichlorofluoromethane	2.182	101	3640	1.77	ug/l		88
9) 1,1,2-Trichloro-1,2,2-...	2.553	101	1642	0.88	ug/l	#	74
10) Methylene Chloride	2.927	84	3298	1.05	ug/l		79
11) Acrolein	2.503	56	1111	1.58	ug/l		76
12) Acrylonitrile	3.134	53	1159	0.76	ug/l		82
13) Iodomethane	2.691	142	2481	0.63	ug/l		67
14) Acetone	2.612	43	8021	5.25	ug/l		97
15) Carbon Disulfide	2.740	76	10194	1.13	ug/l		100
16) t-Butyl Alcohol	3.006	59	899m	4.45	ug/l		
17) n-Hexane	3.331	57	1593	0.93	ug/l		73
18) Di-isopropyl-ether	3.498	45	12411	0.81	ug/l		78
19) 1,1-Dichloroethene	2.562	61	6499	1.27	ug/l		92
20) Methyl Acetate	2.838	43	3504	0.77	ug/l		100
21) Methyl-t-butyl ether	3.124	73	4463	0.75	ug/l		82
22) 1,1-Dichloroethane	3.469	63	6384	1.09	ug/l		92
23) trans-1,2-Dichloroethene	3.134	96	3125	1.29	ug/l		98
24) cis-1,2-Dichloroethene	3.912	61	6409	1.07	ug/l		94
25) Bromochloromethane	4.079	49	4743	1.09	ug/l		90
26) 2,2-Dichloropropane	3.912	77	2424	0.91	ug/l		97
27) 1,4-Dioxane	5.094	88	1763	44.42	ug/l		92
28) 1,1-Dichloropropene	4.355	75	5198	1.19	ug/l		92
29) Chloroform	4.128	83	5870	1.08	ug/l		95
31) Cyclohexane	4.286	56	3211	0.75	ug/l		79
33) 1,2-Dichloroethane	4.503	62	5574	0.96	ug/l		100
34) 2-Butanone	3.922	43	2341	0.89	ug/l		84
35) 1,1,1-Trichloroethane	4.256	97	3707	1.00	ug/l		92
36) Carbon Tetrachloride	4.355	117	1418	0.47	ug/l		79
37) Vinyl Acetate	3.498	43	11762	0.82	ug/l		100
38) Bromodichloromethane	5.172	83	3895	0.80	ug/l		85
39) Methylcyclohexane	4.985	83	1966	0.77	ug/l	#	78
40) Dibromomethane	5.094	174	2758	1.08	ug/l		91
41) 1,2-Dichloropropane	5.015	63	4009	0.98	ug/l		98
42) Trichloroethene	4.877	130	3921	1.20	ug/l		97
43) Benzene	4.493	78	14505	1.11	ug/l		100
44) tert-Amyl methyl ether	4.542	73	4081	0.71	ug/l	#	69
46) Dibromochloromethane	6.108	129	2568	0.66	ug/l		100
47) 2-Chloroethylvinylether	5.330	63	1444	0.75	ug/l		89
48) cis-1,3-Dichloropropene	5.428	75	3873	0.71	ug/l		96
49) trans-1,3-Dichloropropene	5.753	75	2946	0.61	ug/l		92
50) 1,1,2-Trichloroethane	5.862	97	2713	0.86	ug/l		83
51) 1,2-Dibromoethane	6.187	107	3058	0.80	ug/l		85
52) 1,3-Dichloropropane	5.970	76	5835	0.96	ug/l		82
53) 4-Methyl-2-Pentanone	5.507	43	3522	0.58	ug/l		97
54) 2-Hexanone	5.990	43	2969	0.68	ug/l		83
55) Tetrachloroethene	5.960	164	2658	1.06	ug/l		96
57) Toluene	5.635	92	7734	1.05	ug/l		89
58) 1,1,1,2-Tetrachloroethane	6.502	133	2197	0.82	ug/l		59
59) Chlorobenzene	6.463	112	8959	1.11	ug/l		84
61) Bromoform	6.965	173	1546	0.54	ug/l		92
62) Ethylbenzene	6.512	106	3005	1.16	ug/l		77
63) 1,1,2,2-Tetrachloroethane	7.211	83	4517	0.94	ug/l		83
65) Styrene	6.827	104	7594	1.01	ug/l		90
66) m&p-Xylenes	6.581	106	9254	2.36	ug/l		89

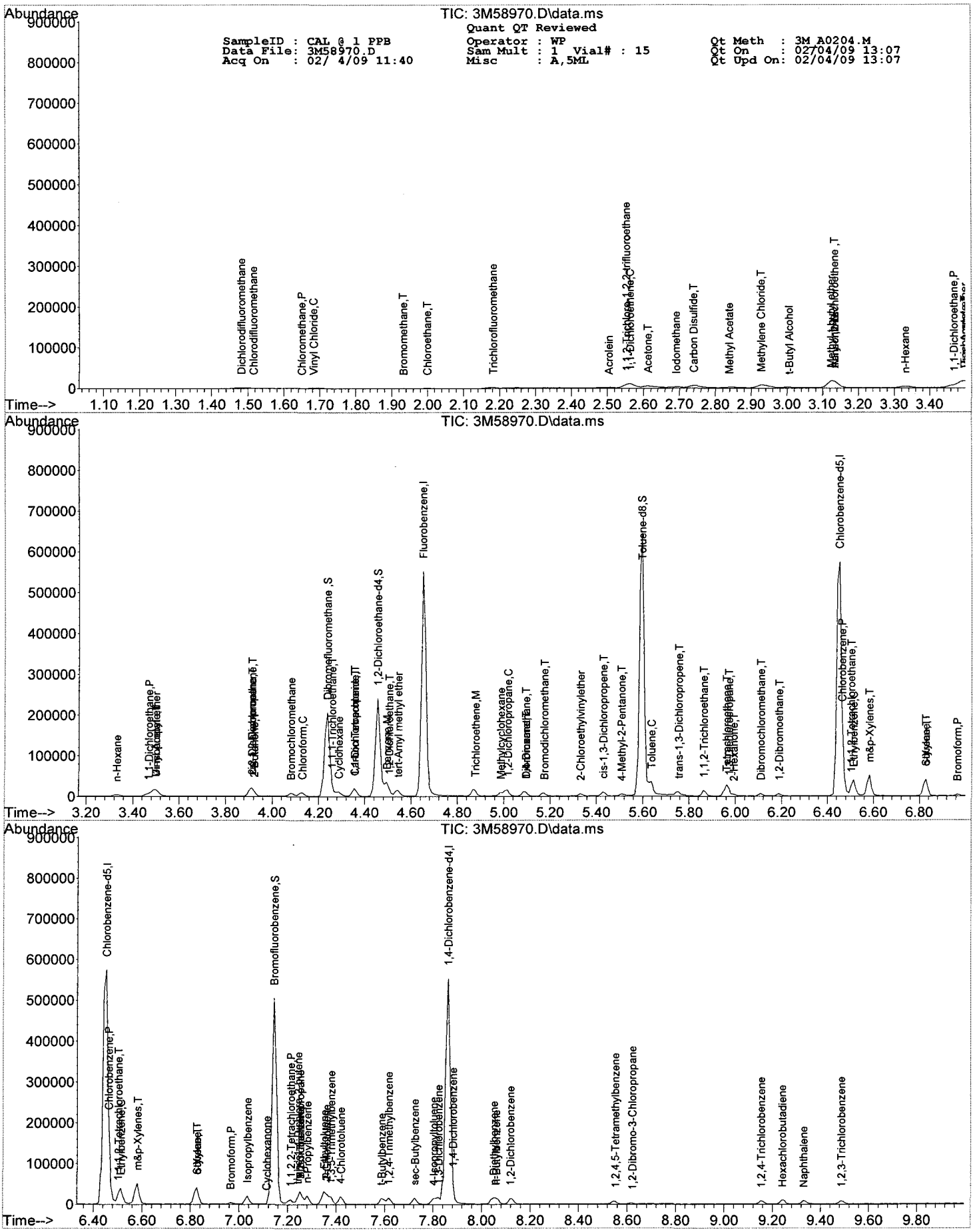
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58970.D Sam Mult : 1 Vial# : 15 Qt On : 02/04/09 13:07
Acq On : 02/ 4/09 11:40 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
67) o-Xylene	6.827	106	4241	1.06 ug/l		85
68) trans-1,4-Dichloro-2-b...	7.241	53	1434	0.81 ug/l	#	83
69) 1,3-Dichlorobenzene	7.822	146	5880m	1.11 ug/l		
70) 1,4-Dichlorobenzene	7.881	146	6479m	1.13 ug/l		
71) 1,2-Dichlorobenzene	8.117	146	5628	1.02 ug/l		99
72) Isopropylbenzene	7.034	105	9400	1.02 ug/l		98
73) Cyclohexanone	7.113	55	1193	5.11 ug/l	#	19
74) 1,2,3-Trichloropropane	7.250	75	5082	0.97 ug/l	#	80
75) 2-Chlorotoluene	7.359	91	7214	1.10 ug/l		97
76) p-Ethyltoluene	7.349	105	9907m	0.98 ug/l		
77) 4-Chlorotoluene	7.418	91	7020m	1.08 ug/l		
78) n-Propylbenzene	7.280	91	12206	1.06 ug/l		100
79) Bromobenzene	7.250	77	8322	1.02 ug/l		85
80) 1,3,5-Trimethylbenzene	7.378	105	7856m	1.05 ug/l		
81) t-Butylbenzene	7.585	119	6158	1.00 ug/l		92
82) 1,2,4-Trimethylbenzene	7.615	105	7263	0.93 ug/l		95
83) sec-Butylbenzene	7.723	105	7756	0.99 ug/l		93
84) 4-Isopropyltoluene	7.802	119	5719	0.93 ug/l		97
85) n-Butylbenzene	8.058	91	8195	1.09 ug/l		96
86) p-Diethylbenzene	8.048	119	3844	1.03 ug/l		82
87) 1,2,4,5-Tetramethylben...	8.550	119	4320	0.75 ug/l		96
88) 1,2-Dibromo-3-Chloropr...	8.619	157	429m	0.50 ug/l		
89) Hexachlorobutadiene	9.240	225	2407	1.40 ug/l		97
90) 1,2,4-Trichlorobenzene	9.151	180	2959	1.00 ug/l	#	84
91) 1,2,3-Trichlorobenzene	9.486	180	2561	0.87 ug/l	#	79
92) Naphthalene	9.329	128	7114	0.89 ug/l		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 3M58970.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 3M58970.D
Acq On : 02/ 4/09 11:40
Operator : WP
Sam Mult : 1 Vial# : 15
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02/04/09 13:07
Qt Upd On: 02/04/09 13:07
Abundance
Time-->
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
TIC: 3M58970.D\data.ms
n-Hexane
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
TIC: 3M58970.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromofluorobenzene,S
Bromoform,P
Isopropylbenzene
Cyclohexanone
4-Chlorotoluene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58971.D Sam Mult : 1 Vial# : 16 Qt On : 02/04/09 13:09
Acq On : 02/ 4/09 12:00 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	4.651	96	285796	30.00 ug/l	0.00
45) Chlorobenzene-d5	6.443	117	216830	30.00 ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.862	152	108345	30.00 ug/l	0.00
System Monitoring Compounds					
30) Dibromofluoromethane	4.227	111	88560	34.01 ug/l	0.00
Spiked Amount 30.000			Recovery =	113.37%	
32) 1,2-Dichloroethane-d4	4.444	102	18379	32.61 ug/l	0.00
Spiked Amount 30.000			Recovery =	108.70%	
56) Toluene-d8	5.587	100	173071	28.71 ug/l	0.00
Spiked Amount 30.000			Recovery =	95.70%	
64) Bromofluorobenzene	7.143	174	103989	28.74 ug/l	0.00
Spiked Amount 30.000			Recovery =	95.80%	
Target Compounds					Qvalue
2) Chlorodifluoromethane	0.000		0	N.D.	
3) Dichlorodifluoromethane	0.000		0	N.D. d	
4) Chloromethane	0.000		0	N.D. d	
5) Bromomethane	0.000		0	N.D.	
6) Vinyl Chloride	0.000		0	N.D. d	
7) Chloroethane	0.000		0	N.D.	
8) Trichlorofluoromethane	0.000		0	N.D.	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D.	
10) Methylene Chloride	0.000		0	N.D. d	
11) Acrolein	0.000		0	N.D.	
12) Acrylonitrile	0.000		0	N.D.	
13) Iodomethane	0.000		0	N.D.	
14) Acetone	0.000		0	N.D. d	
15) Carbon Disulfide	0.000		0	N.D. d	
16) t-Butyl Alcohol	0.000		0	N.D.	
17) n-Hexane	0.000		0	N.D.	
18) Di-isopropyl-ether	0.000		0	N.D. d	
19) 1,1-Dichloroethene	0.000		0	N.D. d	
20) Methyl Acetate	0.000		0	N.D. d	
21) Methyl-t-butyl ether	3.115	73	1774	0.33 ug/l #	45
22) 1,1-Dichloroethane	0.000		0	N.D. d	
23) trans-1,2-Dichloroethene	0.000		0	N.D. d	
24) cis-1,2-Dichloroethene	0.000		0	N.D. d	
25) Bromochloromethane	0.000		0	N.D. d	
26) 2,2-Dichloropropane	0.000		0	N.D.	
27) 1,4-Dioxane	0.000		0	N.D.	
28) 1,1-Dichloropropene	0.000		0	N.D. d	
29) Chloroform	0.000		0	N.D. d	
31) Cyclohexane	0.000		0	N.D. d	
33) 1,2-Dichloroethane	4.493	62	2720	0.52 ug/l	93
34) 2-Butanone	0.000		0	N.D.	
35) 1,1,1-Trichloroethane	0.000		0	N.D. d	
36) Carbon Tetrachloride	0.000		0	N.D.	
37) Vinyl Acetate	0.000		0	N.D. d	
38) Bromodichloromethane	0.000		0	N.D. d	
39) Methylcyclohexane	0.000		0	N.D. d	
40) Dibromomethane	0.000		0	N.D. d	
41) 1,2-Dichloropropane	0.000		0	N.D. d	
42) Trichloroethene	0.000		0	N.D. d	
43) Benzene	4.483	78	6680	0.57 ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D. d	
46) Dibromochloromethane	0.000		0	N.D. d	
47) 2-Chloroethylvinylether	0.000		0	N.D.	
48) cis-1,3-Dichloropropene	0.000		0	N.D. d	
49) trans-1,3-Dichloropropene	0.000		0	N.D. d	
50) 1,1,2-Trichloroethane	0.000		0	N.D. d	
51) 1,2-Dibromoethane	0.000		0	N.D. d	
52) 1,3-Dichloropropane	0.000		0	N.D. d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D. d	
54) 2-Hexanone	0.000		0	N.D. d	
55) Tetrachloroethene	0.000		0	N.D. d	
57) Toluene	0.000		0	N.D. d	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Chlorobenzene	0.000		0	N.D. d	
61) Bromoform	0.000		0	N.D.	
62) Ethylbenzene	0.000		0	N.D. d	
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
65) Styrene	0.000		0	N.D. d	
66) m&p-Xylenes	0.000		0	N.D. d	

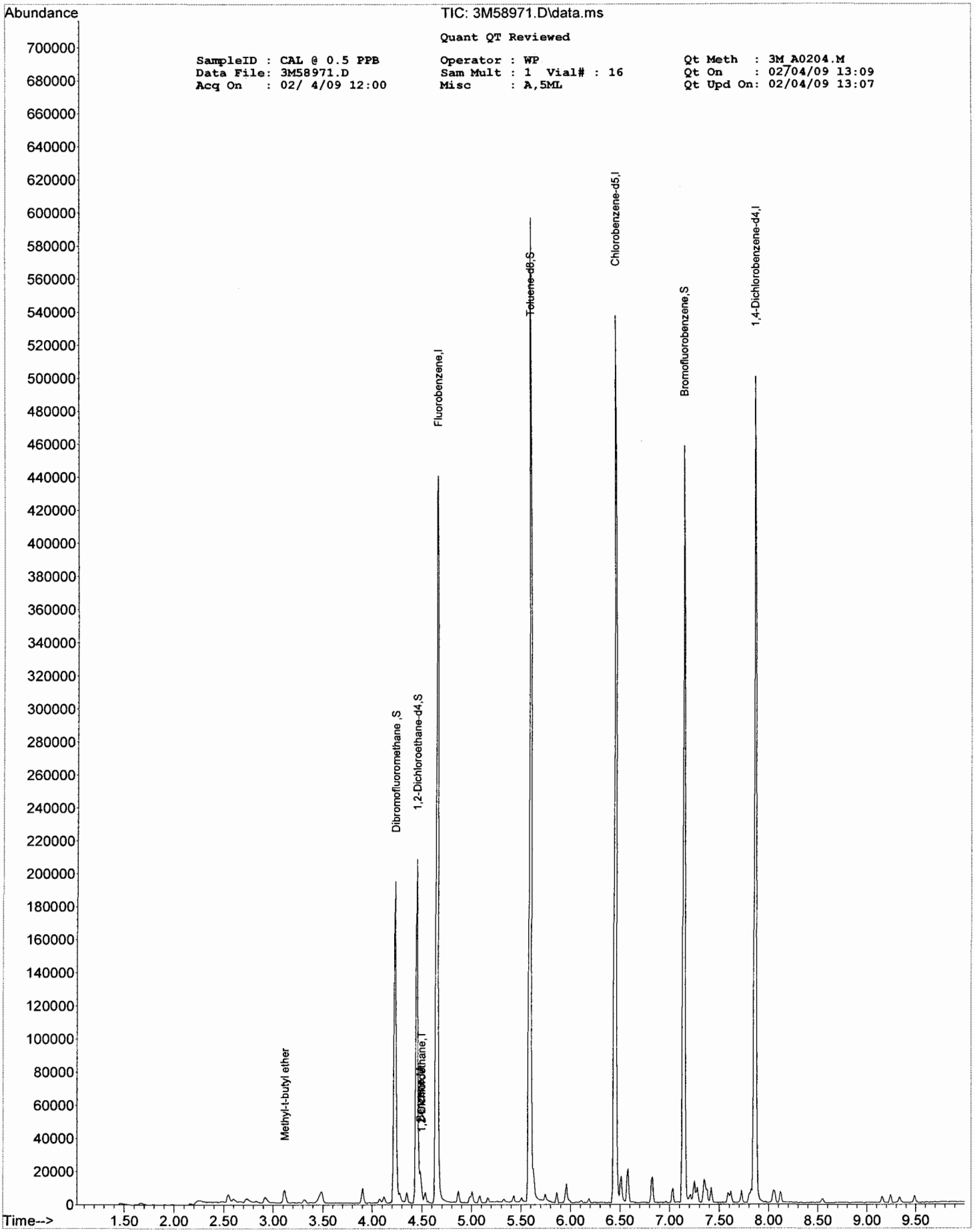
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M58971.D Sam Mult : 1 Vial# : 16 Qt On : 02/04/09 13:09
Acq On : 02/ 4/09 12:00 Misc : A,5ML Qt Upd On: 02/04/09 13:07

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	0.000		0	N.D.	d	
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
69) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
70) 1,4-Dichlorobenzene	0.000		0	N.D.	d	
71) 1,2-Dichlorobenzene	0.000		0	N.D.	d	
72) Isopropylbenzene	0.000		0	N.D.	d	
73) Cyclohexanone	0.000		0	N.D.		
74) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
75) 2-Chlorotoluene	0.000		0	N.D.	d	
76) p-Ethyltoluene	0.000		0	N.D.	d	
77) 4-Chlorotoluene	0.000		0	N.D.	d	
78) n-Propylbenzene	0.000		0	N.D.	d	
79) Bromobenzene	0.000		0	N.D.	d	
80) 1,3,5-Trimethylbenzene	0.000		0	N.D.	d	
81) t-Butylbenzene	0.000		0	N.D.	d	
82) 1,2,4-Trimethylbenzene	0.000		0	N.D.	d	
83) sec-Butylbenzene	0.000		0	N.D.	d	
84) 4-Isopropyltoluene	0.000		0	N.D.	d	
85) n-Butylbenzene	0.000		0	N.D.	d	
86) p-Diethylbenzene	0.000		0	N.D.	d	
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D.	d	
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.		
89) Hexachlorobutadiene	0.000		0	N.D.	d	
90) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
91) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d	
92) Naphthalene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M58971.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 3M58971.D
Acq On : 02/ 4/09 12:00
Operator : WP
Sam Mult : 1 Vial# : 16
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02/04/09 13:09
Qt Upd On: 02/04/09 13:07
Methyl-t-butyl ether
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Method: EPA 624

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M38735.	CAL @ 20 PPB	03/04/09 12:08	2	6M38730.	CAL @ 5 PPB	03/04/09 10:49
3	6M38736.	CAL @ 10 PPB	03/04/09 12:24	4	6M38734.	CAL @ 50 PPB	03/04/09 11:52
5	6M38733.	CAL @ 100 PPB	03/04/09 11:37	6	6M38732.	CAL @ 250 PPB	03/04/09 11:21
7	6M38731.	CAL @ 500 PPB	03/04/09 11:05	8	6M38728.	CAL @ 1 PPB	03/04/09 10:17
9	6M38729.	CAL @ 0.5 PPB	03/04/09 10:34				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	LinF	0.5831	0.5683	0.5889	0.5616	0.5364	0.4970	-----	0.3522	-----	0.527	1.28	0.999	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Dichlorodifluoromethan	1	0	Avg	0.1851	0.1895	0.1882	0.1669	0.1612	0.1494	-----	0.1687	-----	0.173	1.27	0.999	1.00	8.8		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Chloromethane	1	0	LinF	0.2200	0.0631	0.2027	0.1957	0.1815	0.1692	-----	0.1934	-----	0.175	1.40	0.998	0.999	30	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Bromomethane	1	0	Avg	0.1783	0.1766	0.1840	0.1613	0.1382	-----	-----	0.1854	-----	0.171	1.70	0.992	1.00	11		20.00	5.00	10.00	50.00	100.0			1.00	
Vinyl Chloride	1	0	Avg	0.2439	0.2171	0.2393	0.2293	0.2147	0.1912	0.2853	0.2331	-----	0.232	1.47	0.974	0.997	12	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroethane	1	0	Avg	0.1405	0.1276	0.1421	0.1334	0.1249	0.1056	0.1351	0.1550	-----	0.133	1.77	0.989	0.997	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichlorofluoromethane	1	0	Avg	0.2476	0.2875	0.2614	0.2236	0.2179	0.2160	0.3115	0.2518	-----	0.252	1.95	0.977	0.999	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.1666	0.1683	0.1511	0.1496	0.1375	0.1308	-----	-----	-----	0.151	2.32	0.999	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0			
Methylene Chloride	1	0	LinF	0.2073	0.2338	0.2158	0.1906	0.1849	0.1744	0.2083	0.3069	-----	0.215	2.65	0.994	0.999	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acrolein	1	0	LinF	0.0190	0.0137	0.0177	0.0185	0.0181	0.0169	-----	0.0040	-----	0.0155	2.23	0.999	1.00	34		100.0	25.00	50.00	250.0	500.0	1250.		5.00	
Acrylonitrile	1	0	LinF	0.0800	0.0660	0.0903	0.0797	0.0783	0.0706	-----	0.0273	-----	0.0704	2.82	0.998	1.00	29		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Iodomethane	1	0	Avg	0.4053	0.3643	0.4163	0.3731	0.3589	0.3250	0.4334	0.4014	-----	0.385	2.42	0.985	0.998	9.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acetone	1	0	Avg	0.0868	0.0752	0.0852	0.0854	0.0780	0.0719	0.0786	0.1006	-----	0.0827	2.33	0.998	0.999	11		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Carbon Disulfide	1	0	Avg	0.4881	0.4418	0.5025	0.4642	0.4404	0.4124	0.5831	0.4480	-----	0.473	2.48	0.980	0.998	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butyl Alcohol	1	0	Avg	0.0244	0.0238	0.0267	0.0224	0.0214	0.0197	0.0213	0.0197	-----	0.0225	2.71	0.999	0.999	11		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
n-Hexane	1	0	Avg	0.0885	0.0828	0.0967	0.0916	0.0912	0.0848	-----	-----	-----	0.0893	3.06	0.999	1.00	5.7		20.00	5.00	10.00	50.00	100.0	250.0			
Di-isopropyl-ether	1	0	Avg	0.9197	0.7800	0.9384	0.8830	0.8720	0.8257	0.9210	0.8776	-----	0.877	3.22	0.998	1.00	6.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethene	1	0	Avg	0.3452	0.3256	0.3388	0.3233	0.3173	0.2835	0.3627	0.3088	-----	0.326	2.31	0.989	0.998	7.4	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl Acetate	1	0	Avg	0.2402	0.2174	0.2645	0.2346	0.2132	0.2136	0.2148	0.1658	-----	0.221	2.57	1.00	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl-t-butyl ether	1	0	Avg	0.6153	0.5401	0.6054	0.5637	0.5292	0.4879	0.5546	0.7035	0.6573	0.584	2.85	0.997	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
1.1-Dichloroethane	1	0	Avg	0.4429	0.3908	0.4370	0.4173	0.3975	0.3684	0.4243	0.4493	-----	0.416	3.16	0.996	0.999	6.8	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.2-Dichloroether	1	0	Avg	0.1959	0.1800	0.1950	0.1745	0.1679	0.1476	0.1624	0.1527	-----	0.172	2.86	0.998	0.999	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.2-Dichloroethene	1	0	Avg	0.4081	0.3593	0.4513	0.3738	0.3894	0.3530	0.3721	0.3003	-----	0.376	3.61	0.999	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromochloromethane	1	0	Avg	0.2054	0.1700	0.1996	0.1979	0.2046	0.1916	0.2056	0.2103	-----	0.198	3.80	0.999	1.00	6.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2.2-Dichloropropane	1	0	Avg	0.3130	0.3077	0.3413	0.2798	0.3020	0.2728	0.2932	0.3127	-----	0.303	3.62	0.999	0.999	7.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dioxane	1	0	Avg	0.0034	0.0021	0.0034	0.0034	0.0032	0.0028	0.0028	-----	-----	0.00305	4.76	0.999	0.999	15		1000.	250.0	500.0	2500.	5000.	1250	2500		
1.1-Dichloropropene	1	0	LinF	0.3345	0.2667	0.3368	0.3406	0.3307	0.3051	0.3227	0.1970	-----	0.304	4.09	0.999	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroform	1	0	Avg	0.5206	0.4791	0.5261	0.4934	0.4776	0.4506	0.4878	0.5288	-----	0.496	3.85	0.999	1.00	5.6	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromofluoromethane	1	0	Avg	0.3581	0.3680	0.3416	0.3304	0.3483	0.3419	0.3339	0.3795	0.3707	0.353	3.96	-1	-1	4.9		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Cyclohexane	1	0	LinF	0.2404	0.1840	0.2260	0.2330	0.2324	0.2184	-----	0.0787	-----	0.202	4.03	0.999	1.00	28		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.2-Dichloroethane-d4	1	0	Avg	0.1787	0.1933	0.1805	0.1832	0.1827	0.1821	0.1687	0.1938	0.1823	0.183	4.18	-1	-1	4.1		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
1.2-Dichloroethane	1	0	Avg	0.4397	0.4142	0.4591	0.4298	0.4045	0.3651	0.3606	0.4593	0.4248	0.417	4.22	0.999	1.00	8.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
2-Butanone	1	0	LinF	0.1302	0.1094	0.1373	0.1306	0.1208	0.1159	0.1180	0.0720	-----	0.117	3.62	1.00	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1-Trichloroethane	1	0	Avg	0.4268	0.3823	0.4285	0.4020	0.3846	0.3586	0.4090	0.3488	-----	0.393	3.99	0.996	0.999	7.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Carbon Tetrachloride	1	0	Avg	0.3604	0.3717	0.3613	0.3378	0.3173	0.2897	0.3007	0.2807	-----	0.327	4.10	0.999	0.999	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Vinyl Acetate	1	0	Avg	0.8081	0.6602	0.8446	0.8307	0.8314	0.7879	0.9245	0.7482	-----	0.804	3.21	0.995	0.999	9.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromodichloromethane	1	0	Avg	0.4471	0.3704	0.4235	0.4258	0.4195	0.3785	0.3912	0.3938	-----	0.406	4.83	0.999	0.999	6.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylcyclohexane	1	0	Avg	0.1750	0.1288	0.1668	0.1819	0.1719	0.1517	0.1627	-----	-----	0.163	4.69	0.998	0.999	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dibromomethane	1	0	Avg	0.3201	0.2603	0.3282	0.3035	0.2973	0.2691	0.2585	0.2069	-----	0.281	4.76	0.999	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloropropane	1	0	Avg	0.2642	0.2189	0.2617	0.2617	0.2526	0.2340	0.2291	0.2134	-----	0.242	4.69	1.00	1.00	8.5	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichloroethene	1	0	Avg	0.2977	0.2395	0.3197	0.2902	0.2928	0.2705	0.2738	0.2465	-----	0.279	4.58	1.00	1.00	9.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.9
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0288

Method: EPA 624

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M38735.	CAL @ 20 PPB	03/04/09 12:08	2	6M38730.	CAL @ 5 PPB	03/04/09 10:49
3	6M38736.	CAL @ 10 PPB	03/04/09 12:24	4	6M38734.	CAL @ 50 PPB	03/04/09 11:52
5	6M38733.	CAL @ 100 PPB	03/04/09 11:37	6	6M38732.	CAL @ 250 PPB	03/04/09 11:21
7	6M38731.	CAL @ 500 PPB	03/04/09 11:05	8	6M38728.	CAL @ 1 PPB	03/04/09 10:17
9	6M38729.	CAL @ 0.5 PPB	03/04/09 10:34				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	Avg	0.9255	0.7888	0.9298	0.8965	0.8553	0.7826	0.7908	0.7485	0.7670	0.832	4.22	1.00	1.00	8.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
tert-Amyl methyl ether	1	0	LinF	0.6725	0.4993	0.6701	0.6607	0.6370	0.5946	0.6133	0.3890	-----	0.592	4.28	1.00	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.5613	0.4219	0.5238	0.5337	0.5152	0.5048	0.4887	0.3758	-----	0.491	5.64	1.00	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chloroethylvinylether	1	0	LinF	0.1724	0.0981	0.1559	0.1804	0.1885	0.2075	-----	0.0177	-----	0.146	4.98	0.999	1.00	45		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
cis-1.3-Dichloropropene	1	0	LinF	0.5433	0.3787	0.5414	0.5679	0.5672	0.5799	0.6172	0.3361	-----	0.516	5.06	0.999	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.3-Dichloroprope	1	0	LinF	0.5292	0.3797	0.4653	0.5314	0.5371	0.5530	0.5753	0.2102	-----	0.473	5.34	1.00	1.00	26		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloroethane	1	0	Avg	0.3566	0.3061	0.3723	0.3458	0.3434	0.3280	0.3131	0.2940	-----	0.332	5.43	0.999	1.00	8.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromoethane	1	0	Avg	0.4097	0.3461	0.4040	0.3855	0.3781	0.3827	0.3948	0.2873	-----	0.374	5.70	1.00	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichloropropane	1	0	Avg	0.2247	0.1695	0.2120	0.1980	0.1970	0.1804	0.1787	0.1740	-----	0.192	4.69	1.00	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Methyl-2-Pentanone	1	0	LinF	0.3924	0.2791	0.3882	0.3915	0.3833	0.3779	0.3621	0.2044	-----	0.347	5.13	0.999	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Hexanone	1	0	LinF	0.2572	0.0995	0.2332	0.2626	0.2637	0.2663	-----	-----	-----	0.230	5.55	1.00	1.00	28		20.00	5.00	10.00	50.00	100.0	250.0			
Tetrachloroethene	1	0	Avg	0.3902	0.2938	0.3725	0.3450	0.3137	0.2757	-----	0.2687	-----	0.323	5.52	0.995	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Toluene-d8	1	0	Avg	1.3571	1.3319	1.3400	1.3134	1.3267	1.3673	1.3214	1.2136	1.2179	1.31	5.20	-1	-1	4.3		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Toluene	1	0	Avg	0.8388	0.6838	0.8270	0.7744	0.7361	0.6967	0.6933	0.6796	-----	0.741	5.23	1.00	1.00	8.7	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.4220	0.3447	0.4137	0.3969	0.3710	0.3361	0.2995	0.2992	-----	0.360	5.98	0.996	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chlorobenzene	1	0	Avg	0.9887	0.8523	1.0112	0.9027	0.8678	0.8230	0.7719	0.7883	-----	0.876	5.95	0.999	1.00	10	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromoform	1	0	Avg	0.9042	0.6710	0.8567	0.8765	0.9196	0.9118	0.8306	0.6799	-----	0.831	6.37	0.998	1.00	12	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethylbenzene	1	0	LinF	0.7757	0.5397	0.7510	0.6792	0.7444	0.6308	-----	0.4612	-----	0.655	6.00	0.995	0.999	18	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	0.9320	0.7648	0.9633	0.8781	0.8754	0.8424	0.7631	0.7949	-----	0.852	6.59	0.997	1.00	8.7	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromofluorobenzene	1	0	Avg	1.1214	1.0858	1.1269	1.1107	1.1901	1.2031	1.1608	1.1025	1.1133	1.13	6.54	-1	-1	3.6		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Styrene	1	0	LinF	1.8238	1.3300	1.7743	1.7345	1.7342	1.4387	-----	1.1039	-----	1.56	6.27	0.993	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
m&p-Xylenes	1	0	LinF	0.9988	0.8036	0.9406	0.8798	0.8692	0.7270	-----	0.5919	0.6026	0.802	6.05	0.993	1.00	19		40.00	10.00	20.00	100.0	200.0	500.0		2.00	1.00
o-Xylene	1	0	LinF	1.0131	0.7464	0.9681	0.9397	0.8946	0.7362	-----	0.5834	-----	0.840	6.26	0.991	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
trans-1.4-Dichloro-2-bu	1	0	LinF	0.2759	0.1417	0.2258	0.2538	0.2545	0.2454	-----	-----	-----	0.233	6.62	0.999	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0			
1.3-Dichlorobenzene	1	0	Avg	1.3898	1.1111	1.3933	1.2746	1.2602	1.0499	0.8551	1.2904	-----	1.20	7.13	0.985	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dichlorobenzene	1	0	Avg	1.4832	1.3622	1.5583	1.4056	1.3669	1.2774	1.0936	1.1835	-----	1.34	7.17	0.993	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichlorobenzene	1	0	Avg	1.4474	1.1871	1.5279	1.3576	1.3196	1.2344	1.0739	1.7190	-----	1.36	7.38	0.995	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Isopropylbenzene	1	0	LinF	2.1885	1.5866	2.1822	2.0831	2.1099	1.8894	1.7207	1.1869	-----	1.87	6.45	0.997	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	LinF	0.0305	0.0189	0.0298	0.0318	0.0321	0.0316	-----	-----	-----	0.0292	6.50	1.00	1.00	17		100.0	25.00	50.00	250.0	500.0	1250.			
1.2.3-Trichloropropane	1	0	Avg	1.0862	1.0398	1.0897	0.9977	1.0073	0.9071	-----	1.3280	-----	1.07	6.62	0.998	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
2-Chlorotoluene	1	0	Avg	1.9668	1.6476	1.9062	1.8561	1.7458	1.3642	-----	1.3439	-----	1.69	6.72	0.986	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
p-Ethyltoluene	1	0	LinF	2.2033	1.7177	2.1136	1.8667	1.9547	1.6848	-----	1.3587	-----	1.84	6.72	0.996	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
4-Chlorotoluene	1	0	Avg	1.7537	1.4163	1.6646	1.8086	1.7775	1.4923	1.3562	1.2151	-----	1.56	6.77	0.995	0.999	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Propylbenzene	1	0	LinF	2.4863	1.8738	2.3566	2.2624	2.3063	2.1034	1.8992	1.4549	-----	2.09	6.66	0.997	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	Avg	1.5549	1.2639	1.6503	1.4488	1.4334	1.2950	1.0473	1.3245	-----	1.38	6.62	0.986	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3.5-Trimethylbenzene	1	0	Avg	1.7443	1.5022	1.7443	1.7358	1.6111	1.4671	1.3169	1.2114	-----	1.54	6.75	0.996	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butylbenzene	1	0	LinF	1.5936	1.1263	1.4500	1.4574	1.4705	1.3344	1.1923	0.8614	-----	1.31	6.93	0.996	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trimethylbenzene	1	0	LinF	1.8693	1.4802	1.8077	1.7363	1.7774	1.6401	1.4116	1.0582	-----	1.60	6.95	0.993	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	LinF	1.8085	1.3383	1.7622	1.6280	1.6559	1.5350	1.3925	0.9378	-----	1.51	7.05	0.997	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	LinF	1.5286	1.0270	1.5032	1.3915	1.4158	1.1748	-----	0.7313	-----	1.25	7.12	0.993	1.00	23		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
n-Butylbenzene	1	0	LinF	1.6526	1.2897	1.6423	1.5321	1.5656	1.4464	1.3159	0.7996	-----	1.41	7.35	0.997	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.9
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 624

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M38735.	CAL @ 20 PPB	03/04/09 12:08	2	6M38730.	CAL @ 5 PPB	03/04/09 10:49
3	6M38736.	CAL @ 10 PPB	03/04/09 12:24	4	6M38734.	CAL @ 50 PPB	03/04/09 11:52
5	6M38733.	CAL @ 100 PPB	03/04/09 11:37	6	6M38732.	CAL @ 250 PPB	03/04/09 11:21
7	6M38731.	CAL @ 500 PPB	03/04/09 11:05	8	6M38728.	CAL @ 1 PPB	03/04/09 10:17
9	6M38729.	CAL @ 0.5 PPB	03/04/09 10:34				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	LinF	0.9040	0.5833	0.8222	0.8263	0.8530	0.8000	-----	0.3616	-----	0.736	7.33	0.999	1.00	26	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.2.4.5-Tetramethylber	1	0	LinF	1.4900	0.8065	1.3197	1.3877	1.4876	1.4086	-----	0.7608	-----	1.24	7.77	0.999	1.00	26	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.2-Dibromo-3-Chloropr	1	0	Lin	0.2403	0.1936	0.2499	0.2632	0.2558	0.2546	0.2558	0.0987	-----	0.227	7.81	1.00	1.00	25	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Hexachlorobutadiene	1	0	LinF	0.7926	0.4279	0.8053	0.6705	0.6388	0.5211	-----	0.2839	-----	0.591	8.38	0.990	1.00	32	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.2.4-Trichlorobenzene	1	0	LinF	0.7816	0.4672	0.7582	0.7327	0.8025	0.7783	0.6897	0.4806	-----	0.686	8.29	0.996	1.00	20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.3-Trichlorobenzene	1	0	LinF	0.8372	0.5235	0.8148	0.7561	0.8059	0.7620	-----	0.4831	-----	0.712	8.58	0.999	1.00	20	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Naphthalene	1	0	LinF	1.9212	1.1034	1.8495	1.9168	1.9709	1.9328	1.7718	1.0234	-----	1.69	8.44	0.998	1.00	23	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 14.9

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38735.D Sam Mult : 1 Vial# : 13 Qt On : 03/04/09 12:22
Acq On : 03/ 4/09 12:08 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.380	96	307398	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.932	117	214077	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.159	152	115770	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.959	111	110101	36.31	ug/l	0.00
Spiked Amount 30.000			Recovery = 121.03%			
32) 1,2-Dichloroethane-d4	4.181	67	54952	29.00	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.67%			
56) Toluene-d8	5.204	98	290540	28.87	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.23%			
64) Bromofluorobenzene	6.539	174	129826	29.48	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.27%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.281	51	119512	20.66	ug/l	63
3) Dichlorodifluoromethane	1.270	85	37937	11.58	ug/l	88
4) Chloromethane	1.402	50	45092	11.88	ug/l	98
5) Bromomethane	1.702	94	36549	22.62	ug/l	91
6) Vinyl Chloride	1.472	62	50001	17.54	ug/l	93
7) Chloroethane	1.771	64	28809	20.67	ug/l	97
8) Trichlorofluoromethane	1.950	101	50758	23.21	ug/l	88
9) 1,1,2-Trichloro-1,2,2-...	2.316	101	34157	25.25	ug/l	91
10) Methylene Chloride	2.647	84	42497	22.43	ug/l	66
11) Acrolein	2.226	56	19560	129.12	ug/l	84
12) Acrylonitrile	2.816	53	16400	21.48	ug/l	93
13) Iodomethane	2.419	142	83072	25.32	ug/l	94
14) Acetone	2.334	43	88943	86.80	ug/l	98
15) Carbon Disulfide	2.479	76	100040	20.72	ug/l	100
16) t-Butyl Alcohol	2.713	59	25024	103.13	ug/l	84
17) n-Hexane	3.062	57	18154	14.80	ug/l	92
18) Di-isopropyl-ether	3.219	45	188485	16.94	ug/l	98
19) 1,1-Dichloroethene	2.310	61	70747	21.66	ug/l	97
20) Methyl Acetate	2.569	43	49234	16.53	ug/l	100
21) Methyl-t-butyl ether	2.852	73	126095	20.95	ug/l	97
22) 1,1-Dichloroethane	3.165	63	90769	22.12	ug/l	95
23) trans-1,2-Dichloroethene	2.858	96	40152	26.40	ug/l	93
24) cis-1,2-Dichloroethene	3.610	61	83635	16.08	ug/l	94
25) Bromochloromethane	3.796	49	42097	13.13	ug/l	92
26) 2,2-Dichloropropane	3.622	77	64150	18.76	ug/l	90
27) 1,4-Dioxane	4.765	88	35546	978.77	ug/l	95
28) 1,1-Dichloropropene	4.091	75	68555	20.58	ug/l	99
29) Chloroform	3.850	83	106707	20.98	ug/l	86
31) Cyclohexane	4.031	56	49271	12.85	ug/l	96
33) 1,2-Dichloroethane	4.223	62	90123	20.41	ug/l	95
34) 2-Butanone	3.622	43	26694	13.05	ug/l	94
35) 1,1,1-Trichloroethane	3.989	97	87483	23.16	ug/l	95
36) Carbon Tetrachloride	4.097	117	73876	25.89	ug/l	93
37) Vinyl Acetate	3.213	43	165620m	147.96	ug/l	
38) Bromodichloromethane	4.831	83	91635	23.26	ug/l	100
39) Methylcyclohexane	4.692	83	35879	16.84	ug/l	91
40) Dibromomethane	4.759	174	65618	26.73	ug/l	91
41) 1,2-Dichloropropane	4.692	63	54155	17.03	ug/l	97
42) Trichloroethene	4.584	130	61023	23.61	ug/l	94
43) Benzene	4.223	78	189670	19.06	ug/l	100
44) tert-Amyl methyl ether	4.283	73	137831	16.25	ug/l	99
46) Dibromochloromethane	5.637	129	80109	25.67	ug/l	96
47) 2-Chloroethylvinylether	4.981	63	24617	15.20	ug/l	87
48) cis-1,3-Dichloropropene	5.059	75	77538	17.12	ug/l	89
49) trans-1,3-Dichloropropene	5.336	75	75536	18.61	ug/l	94
50) 1,1,2-Trichloroethane	5.426	97	50901	21.53	ug/l	91
51) 1,2-Dibromoethane	5.703	107	58484	22.31	ug/l	97
52) 1,3-Dichloropropane	4.692	76	32080	20.38	ug/l	95
53) 4-Methyl-2-Pentanone	5.125	43	56009	11.28	ug/l	89
54) 2-Hexanone	5.547	43	36707	11.67	ug/l	77
55) Tetrachloroethene	5.516	164	55694	27.51	ug/l	92
57) Toluene	5.234	92	119720	20.68	ug/l	92
58) 1,1,1,2-Tetrachloroethane	5.980	133	60233	25.69	ug/l	65
59) Chlorobenzene	5.950	112	141116	22.93	ug/l	100
61) Bromoform	6.371	173	69786	24.15	ug/l	100
62) Ethylbenzene	5.998	106	59872	22.49	ug/l	88
63) 1,1,2,2-Tetrachloroethane	6.587	83	71937	18.67	ug/l	92
65) Styrene	6.268	104	140766	20.59	ug/l	92
66) m&p-Xylenes	6.052	106	154180	45.18	ug/l	97

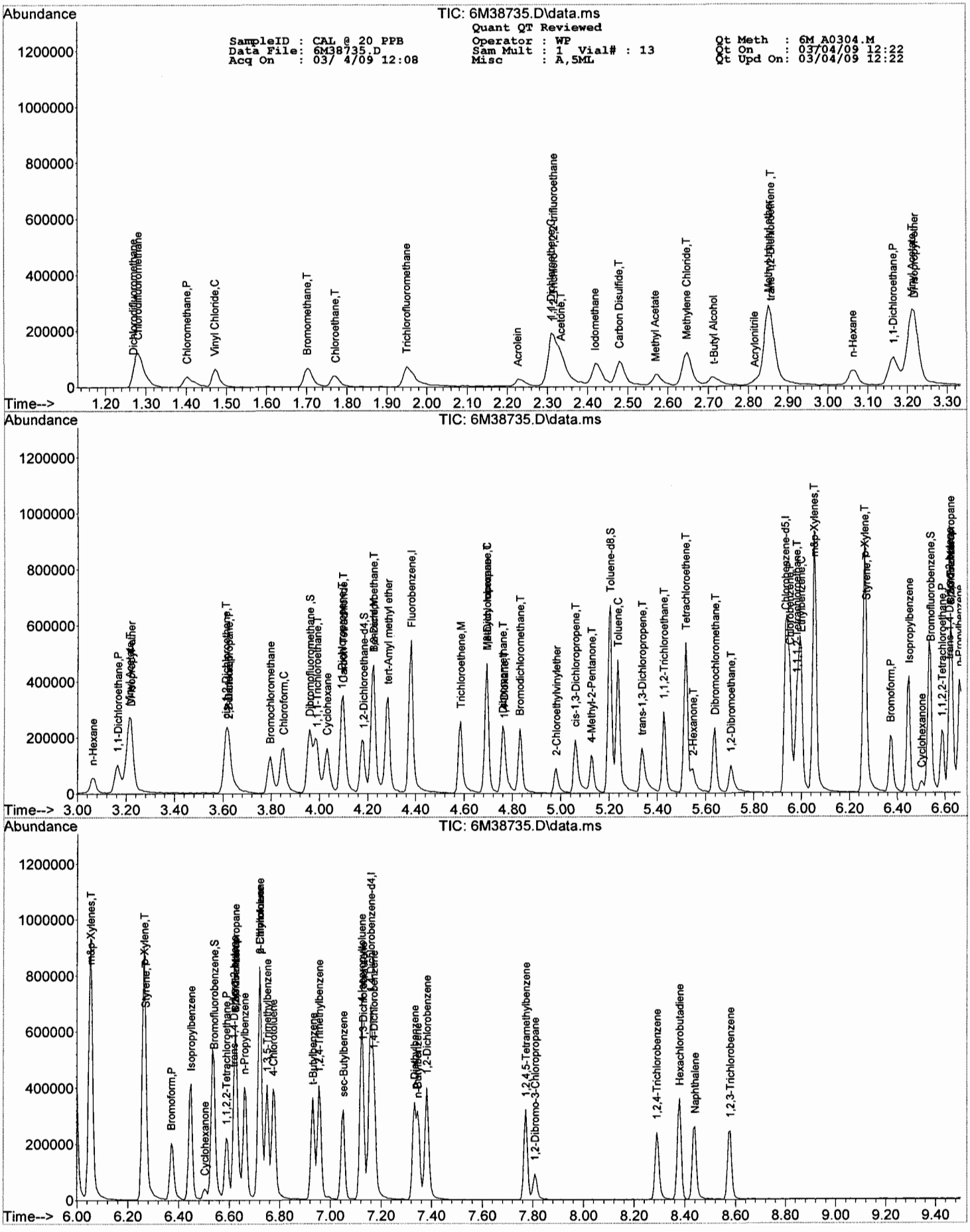
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38735.D Sam Mult : 1 Vial# : 13 Qt On : 03/04/09 12:22
Acq On : 03/ 4/09 12:08 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.262	106	78197	21.42 ug/l	81
68) trans-1,4-Dichloro-2-b...	6.617	53	21297	17.88 ug/l	38
69) 1,3-Dichlorobenzene	7.128	146	107271	24.50 ug/l	86
70) 1,4-Dichlorobenzene	7.171	146	114480	21.46 ug/l	86
71) 1,2-Dichlorobenzene	7.381	146	111710	21.74 ug/l	85
72) Isopropylbenzene	6.449	105	168911	21.23 ug/l	95
73) Cyclohexanone	6.503	55	11788	56.05 ug/l	91
74) 1,2,3-Trichloropropane	6.623	75	83834	17.28 ug/l	93
75) 2-Chlorotoluene	6.719	91	151803	21.05 ug/l	97
76) p-Ethyltoluene	6.719	105	170057	23.93 ug/l	79
77) 4-Chlorotoluene	6.774	91	135357	19.24 ug/l	91
78) n-Propylbenzene	6.659	91	191899	21.39 ug/l	96
79) Bromobenzene	6.623	77	120014	15.81 ug/l	79
80) 1,3,5-Trimethylbenzene	6.750	105	134627	18.94 ug/l	85
81) t-Butylbenzene	6.930	119	122995	23.05 ug/l	84
82) 1,2,4-Trimethylbenzene	6.954	105	144273	20.05 ug/l	87
83) sec-Butylbenzene	7.050	105	139580	21.95 ug/l	98
84) 4-Isopropyltoluene	7.122	119	117979	23.17 ug/l	91
85) n-Butylbenzene	7.345	91	127555	19.89 ug/l	79
86) p-Diethylbenzene	7.333	119	69772	21.62 ug/l	94
87) 1,2,4,5-Tetramethylben...	7.772	119	115003	17.96 ug/l	93
88) 1,2-Dibromo-3-Chloropr...	7.808	157	18549	19.42 ug/l	62
89) Hexachlorobutadiene	8.380	225	61178	18.18 ug/l	95
90) 1,2,4-Trichlorobenzene	8.289	180	60331	18.45 ug/l	93
91) 1,2,3-Trichlorobenzene	8.578	180	64619	19.41 ug/l	95
92) Naphthalene	8.440	128	148281	17.18 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 6M38735.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M38735.D
Acq On : 03/ 4/09 12:08
Operator : WP
Sam Mult : 1 Vial# : 13
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/04/09 12:22
Qt Upd On: 03/04/09 12:22
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB
Data File: 6M38730.D
Acq On : 03/ 4/09 10:49

Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML

Qt Meth : 6M_A0304.M
Qt On : 03/04/09 12:31
Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.374	96	253271	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.932	117	176004	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.159	152	93166	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.953	111	93204	37.31	ug/l	0.00
Spiked Amount 30.000			Recovery =	124.37%		
32) 1,2-Dichloroethane-d4	4.175	67	48968	31.36	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.53%		
56) Toluene-d8	5.198	98	234425	28.33	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.43%		
64) Bromofluorobenzene	6.533	174	101160	28.55	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.17%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.276	51	23992	5.03	ug/l	65
3) Dichlorodifluoromethane	1.270	85	8000	2.96	ug/l	87
4) Chloromethane	1.397	50	7303m	2.34	ug/l	
5) Bromomethane	1.702	94	7457	5.60	ug/l	82
6) Vinyl Chloride	1.472	62	9167	3.90	ug/l	98
7) Chloroethane	1.772	64	5389	4.69	ug/l	88
8) Trichlorofluoromethane	1.950	101	12139	6.74	ug/l	71
9) 1,1,2-Trichloro-1,2,2-...	2.317	101	7105	6.37	ug/l	90
10) Methylene Chloride	2.648	84	9873	6.33	ug/l	50
11) Acrolein	2.233	56	2907	23.29	ug/l	99
12) Acrylonitrile	2.828	53	2788	4.43	ug/l	90
13) Iodomethane	2.419	142	15381	5.69	ug/l	86
14) Acetone	2.335	43	15888	18.82	ug/l	95
15) Carbon Disulfide	2.479	76	18649	4.69	ug/l	100
16) t-Butyl Alcohol	2.714	59	5039	25.20	ug/l	98
17) n-Hexane	3.063	57	3495	3.46	ug/l	84
18) Di-isopropyl-ether	3.213	45	32927	3.59	ug/l	98
19) 1,1-Dichloroethene	2.311	61	13745	5.11	ug/l	94
20) Methyl Acetate	2.569	43	9179	3.74	ug/l	100
21) Methyl-t-butyl ether	2.846	73	22801	4.60	ug/l	95
22) 1,1-Dichloroethane	3.159	63	16498	4.88	ug/l	98
23) trans-1,2-Dichloroethene	2.858	96	7602	6.07	ug/l	88
24) cis-1,2-Dichloroethene	3.610	61	15168	3.54	ug/l	91
25) Bromochloromethane	3.790	49	7176	2.72	ug/l	90
26) 2,2-Dichloropropane	3.610	77	12991	4.61	ug/l	95
27) 1,4-Dioxane	4.765	88	4616	154.27	ug/l	81
28) 1,1-Dichloropropene	4.091	75	11259	4.10	ug/l	92
29) Chloroform	3.845	83	20227	4.83	ug/l	91
31) Cyclohexane	4.025	56	7767	2.46	ug/l	93
33) 1,2-Dichloroethane	4.224	62	17488	4.81	ug/l	97
34) 2-Butanone	3.622	43	4621	2.74	ug/l	82
35) 1,1,1-Trichloroethane	3.989	97	16138	5.19	ug/l	93
36) Carbon Tetrachloride	4.097	117	15690	6.67	ug/l	94
37) Vinyl Acetate	3.207	43	27869m	30.22	ug/l	
38) Bromodichloromethane	4.831	83	15637	4.82	ug/l	100
39) Methylcyclohexane	4.687	83	5438	3.10	ug/l	94
40) Dibromomethane	4.765	174	10991	5.43	ug/l	93
41) 1,2-Dichloropropane	4.693	63	9243	3.53	ug/l	70
42) Trichloroethene	4.584	130	10112	4.75	ug/l	91
43) Benzene	4.224	78	33300	4.06	ug/l	100
44) tert-Amyl methyl ether	4.284	73	21079	3.02	ug/l	94
46) Dibromochloromethane	5.637	129	12378	4.82	ug/l	98
47) 2-Chloroethylvinylether	4.981	63	2880	2.16	ug/l	83
48) cis-1,3-Dichloropropene	5.060	75	11109	2.98	ug/l	83
49) trans-1,3-Dichloropropene	5.342	75	11140	3.34	ug/l	96
50) 1,1,2-Trichloroethane	5.427	97	8980	4.62	ug/l	84
51) 1,2-Dibromoethane	5.709	107	10155	4.71	ug/l	99
52) 1,3-Dichloropropane	4.693	76	4972	3.84	ug/l	76
53) 4-Methyl-2-Pentanone	5.126	43	8188	2.01	ug/l	94
54) 2-Hexanone	5.565	43	2920	1.13	ug/l	77
55) Tetrachloroethene	5.517	164	8621	5.18	ug/l	96
57) Toluene	5.234	92	20061	4.22	ug/l	80
58) 1,1,1,2-Tetrachloroethane	5.980	133	10112	5.25	ug/l	85
59) Chlorobenzene	5.950	112	25003	4.94	ug/l	88
61) Bromoform	6.371	173	10419	4.48	ug/l	89
62) Ethylbenzene	5.998	106	8381	3.91	ug/l	83
63) 1,1,2,2-Tetrachloroethane	6.587	83	11876	3.83	ug/l	85
65) Styrene	6.269	104	20653	3.75	ug/l	85
66) m&p-Xylenes	6.058	106	24959	9.09	ug/l	71

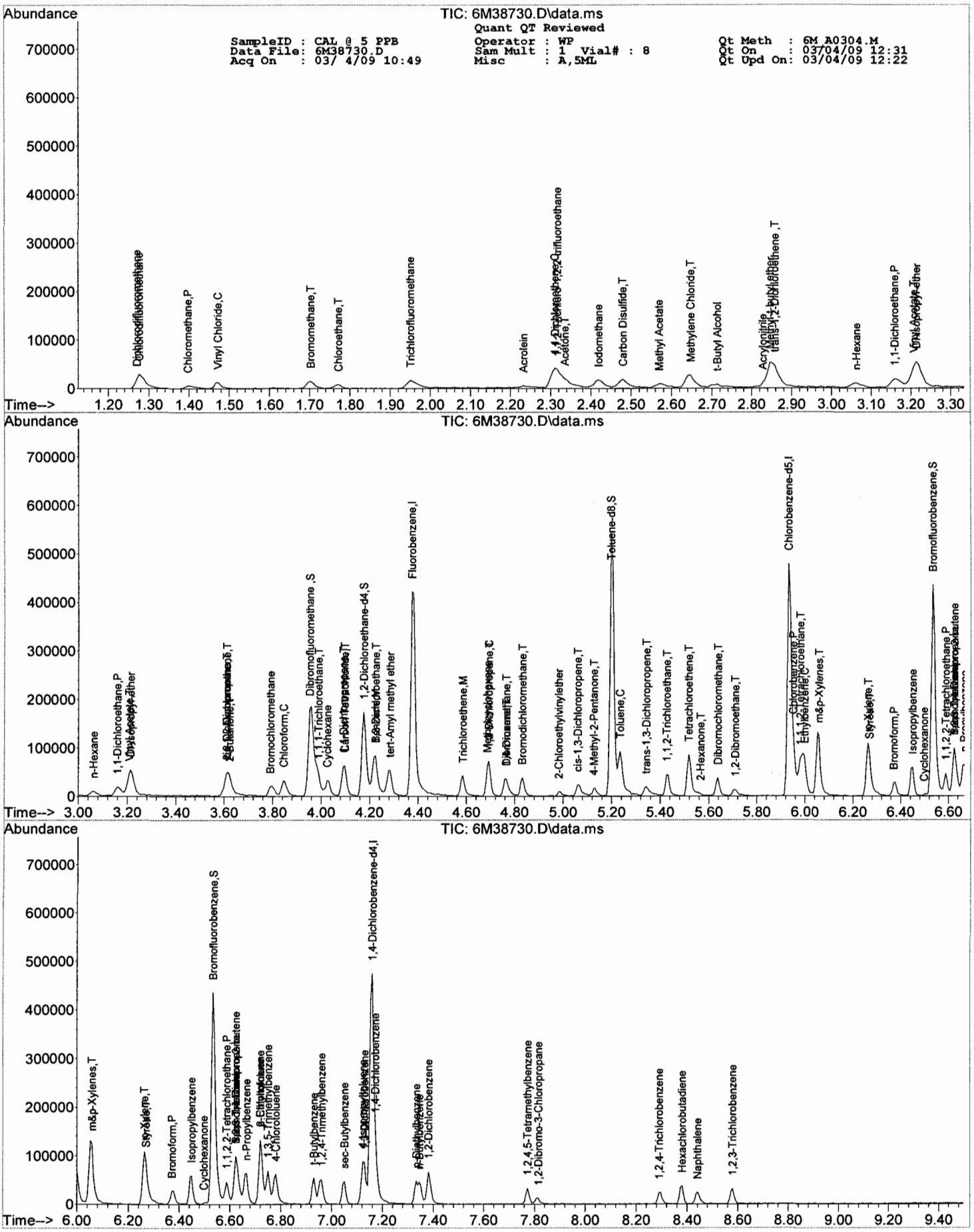
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38730.D Sam Mult : 1 Vial# : 8 Qt On : 03/04/09 12:31
Acq On : 03/ 4/09 10:49 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.263	106	11590	3.95 ug/l	61
68) trans-1,4-Dichloro-2-b...	6.624	53	2201	2.30 ug/l	58
69) 1,3-Dichlorobenzene	7.129	146	17253	4.90 ug/l	84
70) 1,4-Dichlorobenzene	7.171	146	21153	4.93 ug/l	90
71) 1,2-Dichlorobenzene	7.381	146	18433	4.46 ug/l	85
72) Isopropylbenzene	6.449	105	24637	3.85 ug/l	93
73) Cyclohexanone	6.497	55	1469	8.68 ug/l	80
74) 1,2,3-Trichloropropane	6.624	75	16147	4.14 ug/l	91
75) 2-Chlorotoluene	6.720	91	25584	4.41 ug/l	98
76) p-Ethyltoluene	6.720	105	26672	4.66 ug/l	84
77) 4-Chlorotoluene	6.780	91	21992	3.88 ug/l	95
78) n-Propylbenzene	6.666	91	29096	4.03 ug/l	95
79) Bromobenzene	6.624	77	19626	3.21 ug/l	79
80) 1,3,5-Trimethylbenzene	6.750	105	23326	4.08 ug/l	93
81) t-Butylbenzene	6.930	119	17490	4.07 ug/l	87
82) 1,2,4-Trimethylbenzene	6.960	105	22984	3.97 ug/l	92
83) sec-Butylbenzene	7.051	105	20781	4.06 ug/l	97
84) 4-Isopropyltoluene	7.123	119	15947	3.89 ug/l	93
85) n-Butylbenzene	7.345	91	20026	3.88 ug/l	77
86) p-Diethylbenzene	7.333	119	9058	3.49 ug/l	92
87) 1,2,4,5-Tetramethylben...	7.772	119	12523	2.43 ug/l	93
88) 1,2-Dibromo-3-Chloropr...	7.815	157	3007	3.91 ug/l	65
89) Hexachlorobutadiene	8.380	225	6645	2.45 ug/l	96
90) 1,2,4-Trichlorobenzene	8.290	180	7256	2.76 ug/l	89
91) 1,2,3-Trichlorobenzene	8.578	180	8129	3.03 ug/l	93
92) Naphthalene	8.440	128	17134	2.47 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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TIC: 6M38730.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 6M38730.D
Acq On : 03/ 4/09 10:49
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/04/09 12:31
Qt Upd On: 03/04/09 12:22
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane ,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
m&p-Xylenes,T
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38736.D Sam Mult : 1 Vial# : 14 Qt On : 03/04/09 12:41
Acq On : 03/ 4/09 12:24 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.379	96	302163	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.937	117	209973	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	114399	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	103242	34.64	ug/l	0.00
Spiked Amount 30.000			Recovery =	115.47%		
32) 1,2-Dichloroethane-d4	4.175	67	54552	29.29	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.63%		
56) Toluene-d8	5.203	98	281363	28.50	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.00%		
64) Bromofluorobenzene	6.539	174	128918	29.63	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.77%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.281	51	59316	10.43	ug/l	63
3) Dichlorodifluoromethane	1.270	85	18962	5.89	ug/l	92
4) Chloromethane	1.408	50	20423	5.48	ug/l	83
5) Bromomethane	1.702	94	18542	11.68	ug/l	95
6) Vinyl Chloride	1.472	62	24104	8.60	ug/l	97
7) Chloroethane	1.771	64	14320	10.45	ug/l	93
8) Trichlorofluoromethane	1.950	101	26335	12.25	ug/l	89
9) 1,1,2-Trichloro-1,2,2-...	2.310	101	15223	11.45	ug/l	83
10) Methylene Chloride	2.647	84	21737	11.67	ug/l	84
11) Acrolein	2.238	56	8932	59.98	ug/l	91
12) Acrylonitrile	2.815	53	9099	12.12	ug/l	91
13) Iodomethane	2.418	142	41936	13.01	ug/l	92
14) Acetone	2.334	43	42923	42.62	ug/l	91
15) Carbon Disulfide	2.479	76	50619	10.67	ug/l	100
16) t-Butyl Alcohol	2.719	59	13455	56.41	ug/l	92
17) n-Hexane	3.062	57	9742	8.08	ug/l	83
18) Di-isopropyl-ether	3.212	45	94522	8.64	ug/l	98
19) 1,1-Dichloroethene	2.310	61	34124	10.63	ug/l	96
20) Methyl Acetate	2.575	43	26649	9.10	ug/l	100
21) Methyl-t-butyl ether	2.852	73	60977	10.31	ug/l	97
22) 1,1-Dichloroethane	3.164	63	44018	10.91	ug/l	90
23) trans-1,2-Dichloroethene	2.858	96	19647	13.14	ug/l	96
24) cis-1,2-Dichloroethene	3.615	61	45459	8.89	ug/l	83
25) Bromochloromethane	3.796	49	20105	6.38	ug/l	78
26) 2,2-Dichloropropane	3.615	77	34376	10.23	ug/l	92
27) 1,4-Dioxane	4.764	88	17186	481.42	ug/l	96
28) 1,1-Dichloropropene	4.091	75	33930	10.36	ug/l	97
29) Chloroform	3.850	83	52993	10.60	ug/l	98
31) Cyclohexane	4.037	56	22768	6.04	ug/l	99
33) 1,2-Dichloroethane	4.223	62	46245	10.65	ug/l	95
34) 2-Butanone	3.627	43	13834	6.88	ug/l	93
35) 1,1,1-Trichloroethane	3.988	97	43167	11.63	ug/l	93
36) Carbon Tetrachloride	4.097	117	36398	12.98	ug/l	94
37) Vinyl Acetate	3.206	43	85078m	77.32	ug/l	
38) Bromodichloromethane	4.830	83	42657	11.02	ug/l	95
39) Methylcyclohexane	4.692	83	16809	8.03	ug/l	84
40) Dibromomethane	4.764	174	33063	13.70	ug/l	86
41) 1,2-Dichloropropane	4.692	63	26366	8.43	ug/l	96
42) Trichloroethene	4.584	130	32201	12.67	ug/l	98
43) Benzene	4.223	78	93656	9.57	ug/l	100
44) tert-Amyl methyl ether	4.283	73	67502	8.10	ug/l	98
46) Dibromochloromethane	5.637	129	36666	11.98	ug/l	84
47) 2-Chloroethylvinylether	4.981	63	10915	6.87	ug/l	88
48) cis-1,3-Dichloropropene	5.065	75	37899	8.53	ug/l	96
49) trans-1,3-Dichloropropene	5.336	75	32572	8.18	ug/l	97
50) 1,1,2-Trichloroethane	5.432	97	26062	11.24	ug/l	84
51) 1,2-Dibromoethane	5.703	107	28277	11.00	ug/l	100
52) 1,3-Dichloropropane	4.698	76	14840	9.61	ug/l	95
53) 4-Methyl-2-Pentanone	5.131	43	27174	5.58	ug/l	99
54) 2-Hexanone	5.546	43	16323	5.29	ug/l	93
55) Tetrachloroethene	5.516	164	26072	13.13	ug/l	100
57) Toluene	5.240	92	57888	10.20	ug/l	100
58) 1,1,1,2-Tetrachloroethane	5.985	133	28961	12.60	ug/l	76
59) Chlorobenzene	5.949	112	70776	11.73	ug/l	91
61) Bromoform	6.376	173	32672	11.44	ug/l	93
62) Ethylbenzene	5.997	106	28640	10.89	ug/l	84
63) 1,1,2,2-Tetrachloroethane	6.587	83	36734	9.65	ug/l	90
65) Styrene	6.268	104	67661	10.01	ug/l	97
66) m&p-Xylenes	6.052	106	71737	21.27	ug/l	93

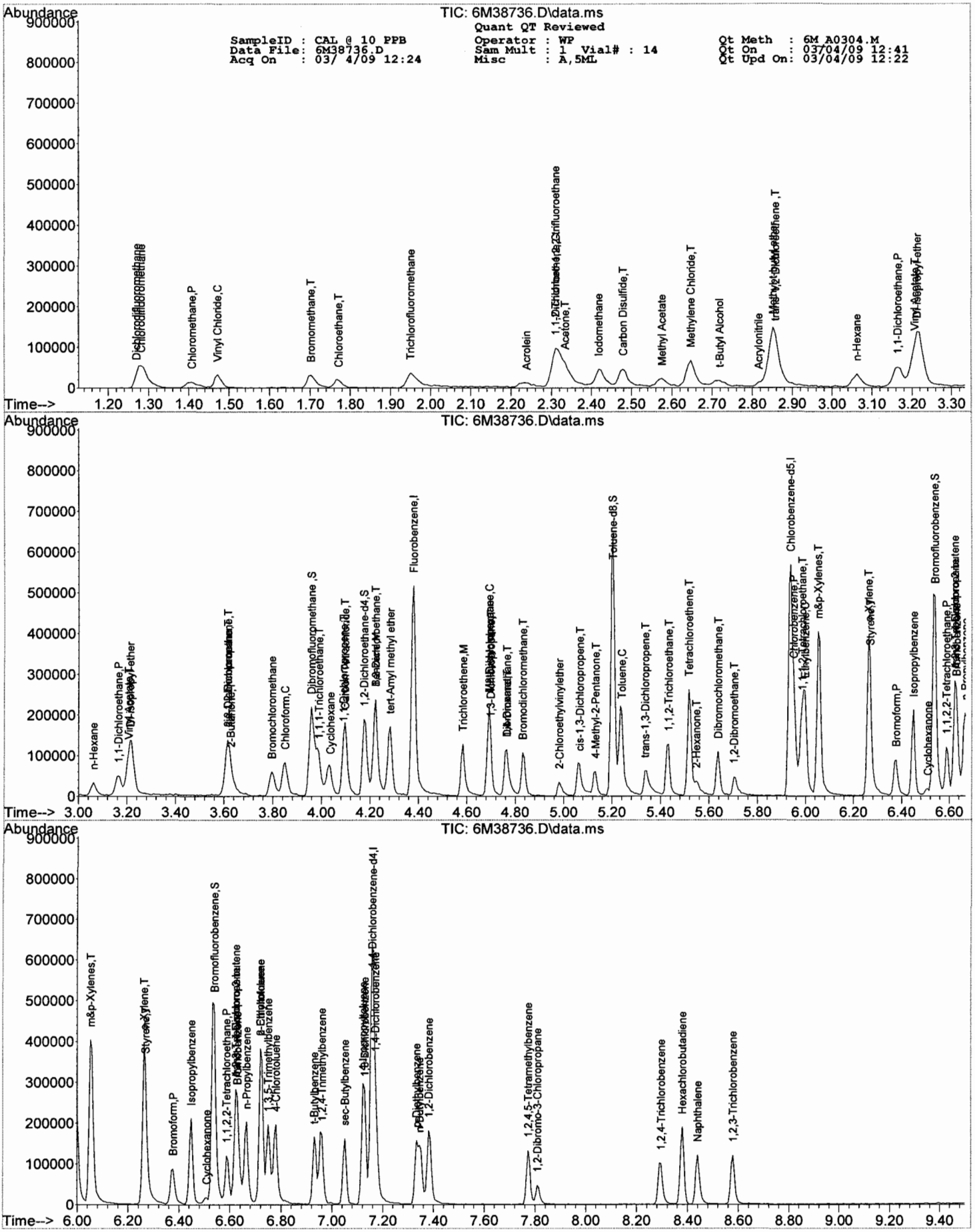
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38736.D Sam Mult : 1 Vial# : 14 Qt On : 03/04/09 12:41
Acq On : 03/ 4/09 12:24 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.262	106	36919	10.23 ug/l	86
68) trans-1,4-Dichloro-2-b...	6.623	53	8614	7.32 ug/l	64
69) 1,3-Dichlorobenzene	7.128	146	53132	12.28 ug/l	82
70) 1,4-Dichlorobenzene	7.170	146	59425	11.27 ug/l	89
71) 1,2-Dichlorobenzene	7.381	146	58267	11.48 ug/l	85
72) Isopropylbenzene	6.449	105	83215	10.58 ug/l	94
73) Cyclohexanone	6.509	55	5691	27.38 ug/l	83
74) 1,2,3-Trichloropropane	6.623	75	41556	8.67 ug/l	95
75) 2-Chlorotoluene	6.719	91	72692	10.20 ug/l	94
76) p-Ethyltoluene	6.719	105	80599	11.48 ug/l	86
77) 4-Chlorotoluene	6.779	91	63477	9.13 ug/l	87
78) n-Propylbenzene	6.665	91	89866	10.13 ug/l	94
79) Bromobenzene	6.629	77	62931	8.39 ug/l	80
80) 1,3,5-Trimethylbenzene	6.749	105	66517	9.47 ug/l	83
81) t-Butylbenzene	6.930	119	55295	10.49 ug/l	84
82) 1,2,4-Trimethylbenzene	6.960	105	68936	9.70 ug/l	88
83) sec-Butylbenzene	7.050	105	67199	10.69 ug/l	99
84) 4-Isopropyltoluene	7.122	119	57323	11.39 ug/l	93
85) n-Butylbenzene	7.345	91	62628	9.88 ug/l	80
86) p-Diethylbenzene	7.333	119	31355	9.83 ug/l	92
87) 1,2,4,5-Tetramethylben...	7.772	119	50324	7.95 ug/l	94
88) 1,2-Dibromo-3-Chloropr...	7.808	157	9531	10.10 ug/l	61
89) Hexachlorobutadiene	8.379	225	30709	9.23 ug/l	92
90) 1,2,4-Trichlorobenzene	8.295	180	28913	8.95 ug/l	91
91) 1,2,3-Trichlorobenzene	8.578	180	31071	9.44 ug/l	93
92) Naphthalene	8.440	128	70527	8.27 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 6M38736.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 6M38736.D
Acq On : 03/ 4/09 12:24
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/04/09 12:41
Qt Upd On: 03/04/09 12:22
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38734.D Sam Mult : 1 Vial# : 12 Qt On : 03/04/09 12:39
Acq On : 03/ 4/09 11:52 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.380	96	320383	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.932	117	229314	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.159	152	124085	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.959	111	105879	33.50	ug/l	0.00
Spiked Amount 30.000			Recovery =	111.67%		
32) 1,2-Dichloroethane-d4	4.176	67	58699	29.72	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.07%		
56) Toluene-d8	5.198	98	301201	27.94	ug/l	0.00
Spiked Amount 30.000			Recovery =	93.13%		
64) Bromofluorobenzene	6.540	174	137830	29.20	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.33%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.286	51	299925	49.76	ug/l	60
3) Dichlorodifluoromethane	1.275	85	89158	26.11	ug/l	98
4) Chloromethane	1.402	50	104521	26.43	ug/l	94
5) Bromomethane	1.701	94	86130	51.15	ug/l	86
6) Vinyl Chloride	1.471	62	122477	41.23	ug/l	90
7) Chloroethane	1.770	64	71241	49.04	ug/l	98
8) Trichlorofluoromethane	1.949	101	119443	52.41	ug/l	86
9) 1,1,2-Trichloro-1,2,2-...	2.305	101	79883	56.65	ug/l	88
10) Methylene Chloride	2.648	84	101823	51.57	ug/l	71
11) Acrolein	2.227	56	49614	314.24	ug/l	98
12) Acrylonitrile	2.816	53	42558	53.47	ug/l	90
13) Iodomethane	2.419	142	199248	58.28	ug/l	91
14) Acetone	2.329	43	228028	213.52	ug/l	98
15) Carbon Disulfide	2.479	76	247886	49.27	ug/l	100
16) t-Butyl Alcohol	2.714	59	59797	236.44	ug/l	97
17) n-Hexane	3.063	57	48962	38.29	ug/l	79
18) Di-isopropyl-ether	3.213	45	471547	40.66	ug/l	98
19) 1,1-Dichloroethene	2.311	61	172658	50.73	ug/l	93
20) Methyl Acetate	2.570	43	125300	40.37	ug/l	100
21) Methyl-t-butyl ether	2.852	73	301007	47.99	ug/l	97
22) 1,1-Dichloroethane	3.159	63	222825	52.10	ug/l	96
23) trans-1,2-Dichloroethene	2.858	96	93182	58.79	ug/l	90
24) cis-1,2-Dichloroethene	3.616	61	199622	36.83	ug/l	93
25) Bromochloromethane	3.797	49	105694	31.63	ug/l	93
26) 2,2-Dichloropropane	3.616	77	149445	41.94	ug/l	94
27) 1,4-Dioxane	4.765	88	91040	2405.21	ug/l	94
28) 1,1-Dichloropropene	4.091	75	181899	52.39	ug/l	93
29) Chloroform	3.845	83	263511	49.72	ug/l	88
31) Cyclohexane	4.031	56	124420	31.13	ug/l	95
33) 1,2-Dichloroethane	4.224	62	229516	49.86	ug/l	98
34) 2-Butanone	3.622	43	69741	32.71	ug/l	96
35) 1,1,1-Trichloroethane	3.983	97	214699	54.54	ug/l	94
36) Carbon Tetrachloride	4.097	117	180397	60.66	ug/l	91
37) Vinyl Acetate	3.213	43	443583m	380.22	ug/l	
38) Bromodichloromethane	4.831	83	227367	55.38	ug/l	92
39) Methylcyclohexane	4.693	83	97176	43.77	ug/l	87
40) Dibromomethane	4.759	174	162109	63.36	ug/l	97
41) 1,2-Dichloropropane	4.693	63	139756	42.16	ug/l	97
42) Trichloroethene	4.579	130	155002	57.54	ug/l	93
43) Benzene	4.218	78	478720	46.16	ug/l	100
44) tert-Amyl methyl ether	4.284	73	352833	39.91	ug/l	97
46) Dibromochloromethane	5.637	129	203996	61.02	ug/l	97
47) 2-Chloroethylvinylether	4.976	63	68967	39.76	ug/l	84
48) cis-1,3-Dichloropropene	5.060	75	217046	44.75	ug/l	91
49) trans-1,3-Dichloropropene	5.337	75	203131	46.72	ug/l	97
50) 1,1,2-Trichloroethane	5.427	97	132160	52.19	ug/l	92
51) 1,2-Dibromoethane	5.703	107	147355	52.48	ug/l	87
52) 1,3-Dichloropropane	4.693	76	75693	44.89	ug/l	87
53) 4-Methyl-2-Pentanone	5.126	43	149636	28.14	ug/l	92
54) 2-Hexanone	5.541	43	100391	29.80	ug/l	87
55) Tetrachloroethene	5.517	164	131869	60.81	ug/l	96
57) Toluene	5.234	92	295987	47.74	ug/l	95
58) 1,1,1,2-Tetrachloroethane	5.980	133	151701	60.41	ug/l	80
59) Chlorobenzene	5.950	112	345025	52.35	ug/l	95
61) Bromoform	6.371	173	181281	58.52	ug/l	94
62) Ethylbenzene	5.998	106	140480	49.22	ug/l	89
63) 1,1,2,2-Tetrachloroethane	6.588	83	181598	43.97	ug/l	90
65) Styrene	6.263	104	358720	48.95	ug/l	100
66) m&p-Xylenes	6.052	106	363914	99.50	ug/l	96

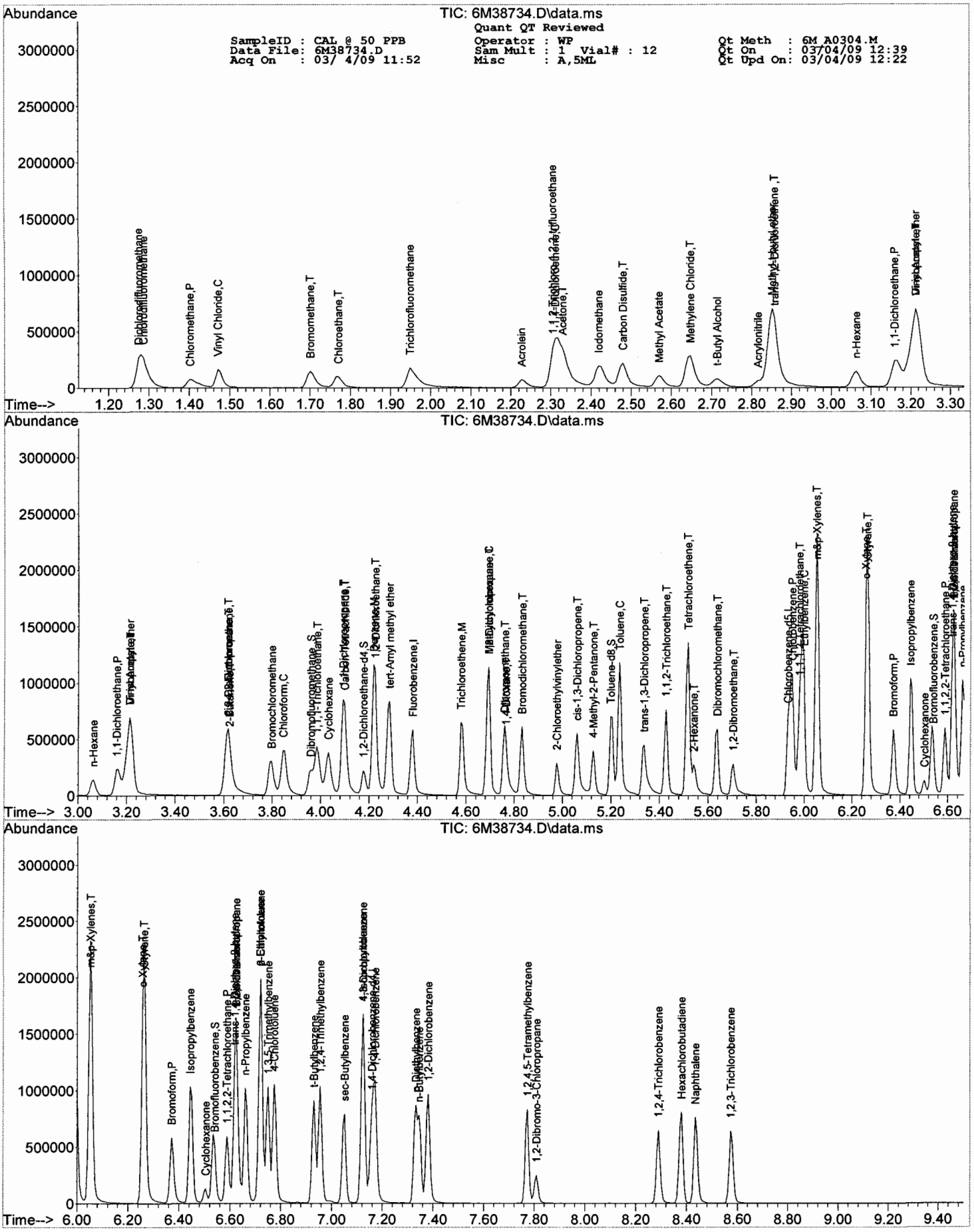
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38734.D Sam Mult : 1 Vial# : 12 Qt On : 03/04/09 12:39
Acq On : 03/ 4/09 11:52 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.257	106	194338	49.67	ug/l	81
68) trans-1,4-Dichloro-2-b...	6.618	53	52491	41.11	ug/l	38
69) 1,3-Dichlorobenzene	7.123	146	263599	56.17	ug/l	84
70) 1,4-Dichlorobenzene	7.171	146	290709	50.84	ug/l	80
71) 1,2-Dichlorobenzene	7.382	146	280764	50.98	ug/l	85
72) Isopropylbenzene	6.443	105	430812	50.51	ug/l	93
73) Cyclohexanone	6.503	55	32966m	146.24	ug/l	
74) 1,2,3-Trichloropropane	6.624	75	206351	39.68	ug/l	92
75) 2-Chlorotoluene	6.720	91	383864	49.65	ug/l	94
76) p-Ethyltoluene	6.720	105	386066	50.68	ug/l	85
77) 4-Chlorotoluene	6.774	91	374037	49.61	ug/l	92
78) n-Propylbenzene	6.660	91	467886	48.65	ug/l	94
79) Bromobenzene	6.624	77	299623	36.83	ug/l	80
80) 1,3,5-Trimethylbenzene	6.750	105	358979	47.11	ug/l	91
81) t-Butylbenzene	6.931	119	301402	52.69	ug/l	82
82) 1,2,4-Trimethylbenzene	6.955	105	359088	46.56	ug/l	88
83) sec-Butylbenzene	7.051	105	336694	49.40	ug/l	94
84) 4-Isopropyltoluene	7.123	119	287773	52.73	ug/l	89
85) n-Butylbenzene	7.346	91	316853	46.10	ug/l	78
86) p-Diethylbenzene	7.334	119	170887	49.41	ug/l	93
87) 1,2,4,5-Tetramethylben...	7.773	119	287004	41.82	ug/l	88
88) 1,2-Dibromo-3-Chloropr...	7.809	157	54432	53.16	ug/l	51
89) Hexachlorobutadiene	8.380	225	138670	38.44	ug/l	96
90) 1,2,4-Trichlorobenzene	8.290	180	151541	43.23	ug/l	94
91) 1,2,3-Trichlorobenzene	8.573	180	156377	43.82	ug/l	94
92) Naphthalene	8.434	128	396416	42.86	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 6M38734.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 6M38734.D
Acq On : 03/ 4/09 11:52
Operator : WP
Sam Mult : 1 Vial# : 12
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/04/09 12:39
Qt Upd On: 03/04/09 12:22
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38733.D Sam Mult : 1 Vial# : 11 Qt On : 03/04/09 12:37
Acq On : 03/ 4/09 11:37 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.379	96	334296	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.936	117	241511	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	122549	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	116452	35.31	ug/l	0.00
Spiked Amount 30.000			Recovery =	117.70%		
32) 1,2-Dichloroethane-d4	4.174	67	61106	29.65	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.83%		
56) Toluene-d8	5.203	98	320432	28.22	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.07%		
64) Bromofluorobenzene	6.538	174	145845	31.29	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.30%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.281	51	597751	95.04	ug/l	60
3) Dichlorodifluoromethane	1.269	85	179623	50.40	ug/l	89
4) Chloromethane	1.402	50	202262	49.02	ug/l	91
5) Bromomethane	1.701	94	154082	87.70	ug/l	80
6) Vinyl Chloride	1.471	62	239274	77.20	ug/l	94
7) Chloroethane	1.765	64	139235	91.85	ug/l	94
8) Trichlorofluoromethane	1.949	101	242876	102.13	ug/l	87
9) 1,1,2-Trichloro-1,2,2-...	2.315	101	153241	104.15	ug/l	92
10) Methylene Chloride	2.646	84	206113	100.05	ug/l	71
11) Acrolein	2.225	56	100885	612.38	ug/l	99
12) Acrylonitrile	2.815	53	87263	105.08	ug/l	99
13) Iodomethane	2.418	142	400004	112.13	ug/l	88
14) Acetone	2.327	43	434874	390.26	ug/l	94
15) Carbon Disulfide	2.478	76	490755	93.48	ug/l	100
16) t-Butyl Alcohol	2.712	59	119619	453.29	ug/l	91
17) n-Hexane	3.061	57	101690	76.21	ug/l	79
18) Di-isopropyl-ether	3.212	45	971761	80.30	ug/l	98
19) 1,1-Dichloroethene	2.309	61	353590	99.56	ug/l	95
20) Methyl Acetate	2.568	43	237608	73.36	ug/l	100
21) Methyl-t-butyl ether	2.851	73	589793	90.12	ug/l	96
22) 1,1-Dichloroethane	3.164	63	443008	99.27	ug/l	99
23) trans-1,2-Dichloroethene	2.857	96	187153	113.17	ug/l	93
24) cis-1,2-Dichloroethene	3.615	61	433949	76.72	ug/l	91
25) Bromochloromethane	3.789	49	228070	65.42	ug/l	95
26) 2,2-Dichloropropane	3.621	77	336561	90.53	ug/l	96
27) 1,4-Dioxane	4.764	88	178861	4528.71	ug/l	85
28) 1,1-Dichloropropene	4.090	75	368503	101.73	ug/l	96
29) Chloroform	3.849	83	532268	96.25	ug/l	87
31) Cyclohexane	4.030	56	258980	62.10	ug/l	94
33) 1,2-Dichloroethane	4.222	62	450746	93.85	ug/l	93
34) 2-Butanone	3.615	43	134696	60.54	ug/l	99
35) 1,1,1-Trichloroethane	3.988	97	428572	104.35	ug/l	96
36) Carbon Tetrachloride	4.096	117	353585	113.94	ug/l	95
37) Vinyl Acetate	3.212	43	926465m	761.07	ug/l	
38) Bromodichloromethane	4.830	83	467541	109.14	ug/l	96
39) Methylcyclohexane	4.691	83	191557	82.68	ug/l	91
40) Dibromomethane	4.758	174	331292	124.09	ug/l	93
41) 1,2-Dichloropropane	4.691	63	281503	81.38	ug/l	92
42) Trichloroethene	4.583	130	326322	116.10	ug/l	94
43) Benzene	4.222	78	953113	88.07	ug/l	100
44) tert-Amyl methyl ether	4.282	73	709861	76.95	ug/l	99
46) Dibromochloromethane	5.636	129	414795	117.80	ug/l	86
47) 2-Chloroethylvinylether	4.974	63	151819	83.11	ug/l	86
48) cis-1,3-Dichloropropene	5.058	75	456659	89.40	ug/l	89
49) trans-1,3-Dichloropropene	5.335	75	432405	94.43	ug/l	97
50) 1,1,2-Trichloroethane	5.425	97	276495	103.68	ug/l	91
51) 1,2-Dibromoethane	5.702	107	304396	102.94	ug/l	86
52) 1,3-Dichloropropane	4.691	76	158667	89.35	ug/l	99
53) 4-Methyl-2-Pentanone	5.124	43	308587	55.09	ug/l	86
54) 2-Hexanone	5.539	43	212352	59.85	ug/l	92
55) Tetrachloroethene	5.515	164	252604	110.61	ug/l	98
57) Toluene	5.233	92	592598	90.75	ug/l	91
58) 1,1,1,2-Tetrachloroethane	5.985	133	298670	112.94	ug/l	82
59) Chlorobenzene	5.949	112	698638	100.64	ug/l	97
61) Bromoform	6.370	173	375661	122.79	ug/l	91
62) Ethylbenzene	5.997	106	304089	107.89	ug/l	83
63) 1,1,2,2-Tetrachloroethane	6.586	83	357601	87.68	ug/l	98
65) Styrene	6.267	104	708422	97.88	ug/l	86
66) m&p-Xylenes	6.051	106	710196	196.61	ug/l	98

1a

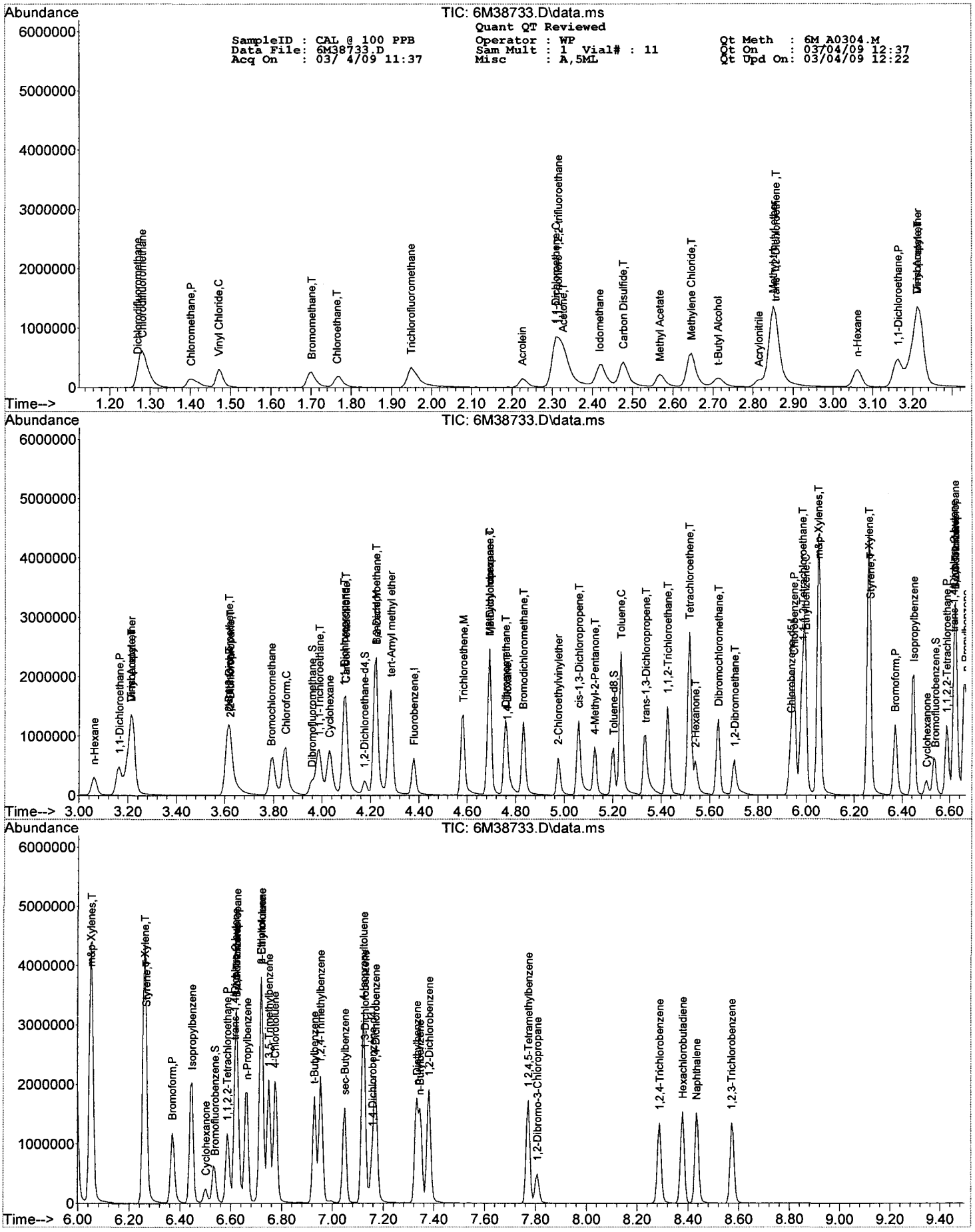
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38733.D Sam Mult : 1 Vial# : 11 Qt On : 03/04/09 12:37
Acq On : 03/ 4/09 11:37 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.261	106	365462	94.57 ug/l	77
68) trans-1,4-Dichloro-2-b...	6.616	53	103975	82.45 ug/l	39
69) 1,3-Dichlorobenzene	7.127	146	514808	111.07 ug/l	83
70) 1,4-Dichlorobenzene	7.170	146	558404	98.88 ug/l	81
71) 1,2-Dichlorobenzene	7.380	146	539058	99.11 ug/l	86
72) Isopropylbenzene	6.448	105	861899	102.32 ug/l	93
73) Cyclohexanone	6.502	55	65633m	294.80 ug/l	
74) 1,2,3-Trichloropropane	6.622	75	411505	80.12 ug/l	91
75) 2-Chlorotoluene	6.718	91	713159	93.41 ug/l	96
76) p-Ethyltoluene	6.718	105	798499	106.13 ug/l	84
77) 4-Chlorotoluene	6.773	91	726105	97.50 ug/l	91
78) n-Propylbenzene	6.664	91	942147	99.18 ug/l	96
79) Bromobenzene	6.622	77	585562	72.89 ug/l	80
80) 1,3,5-Trimethylbenzene	6.749	105	658164	87.46 ug/l	88
81) t-Butylbenzene	6.929	119	600709	106.34 ug/l	83
82) 1,2,4-Trimethylbenzene	6.953	105	726086	95.33 ug/l	88
83) sec-Butylbenzene	7.049	105	676432	100.49 ug/l	95
84) 4-Isopropyltoluene	7.121	119	578375	107.30 ug/l	89
85) n-Butylbenzene	7.344	91	639551	94.22 ug/l	78
86) p-Diethylbenzene	7.332	119	348467	102.01 ug/l	91
87) 1,2,4,5-Tetramethylben...	7.771	119	607684	89.66 ug/l	89
88) 1,2-Dibromo-3-Chloropr...	7.807	157	104498	103.33 ug/l	57
89) Hexachlorobutadiene	8.379	225	260946	73.25 ug/l	98
90) 1,2,4-Trichlorobenzene	8.288	180	327838	94.70 ug/l	94
91) 1,2,3-Trichlorobenzene	8.571	180	329208	93.41 ug/l	93
92) Naphthalene	8.433	128	805126	88.14 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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TIC: 6M38733.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 6M38733.D
Acq On : 03/ 4/09 11:37
Operator : WP
Sam Mult : 1 Vial# : 11
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/04/09 12:37
Qt Upd On: 03/04/09 12:22
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38732.D Sam Mult : 1 Vial# : 10 Qt On : 03/04/09 12:35
Acq On : 03/ 4/09 11:21 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.379	96	326313	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.931	117	222220	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	112067	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.952	111	111597	34.67	ug/l	0.00
Spiked Amount 30.000			Recovery =	115.57%		
32) 1,2-Dichloroethane-d4	4.175	67	59427	29.54	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.47%		
56) Toluene-d8	5.204	98	303856	29.09	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.97%		
64) Bromofluorobenzene	6.539	174	134834	31.63	ug/l	0.00
Spiked Amount 30.000			Recovery =	105.43%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.281	51	1351601	220.15	ug/l	60
3) Dichlorodifluoromethane	1.269	85	406362	116.82	ug/l	87
4) Chloromethane	1.402	50	460135	114.24	ug/l	92
5) Bromomethane	1.690	94	258321	150.62	ug/l	79
6) Vinyl Chloride	1.471	62	519983	171.88	ug/l	94
7) Chloroethane	1.759	64	287403	194.23	ug/l	93
8) Trichlorofluoromethane	1.949	101	587481	253.09	ug/l	85
9) 1,1,2-Trichloro-1,2,2-...	2.310	101	355905	247.80	ug/l	90
10) Methylene Chloride	2.641	84	474282	235.84	ug/l	75
11) Acrolein	2.226	56	229830	1429.21	ug/l	97
12) Acrylonitrile	2.810	53	192168	237.06	ug/l	87
13) Iodomethane	2.419	142	883828	253.81	ug/l	93
14) Acetone	2.328	43	977583	898.76	ug/l	94
15) Carbon Disulfide	2.473	76	1121608	218.88	ug/l	100
16) t-Butyl Alcohol	2.719	59	268864	1043.78	ug/l	83
17) n-Hexane	3.062	57	230638	177.07	ug/l	79
18) Di-isopropyl-ether	3.213	45	2245474	190.09	ug/l	97
19) 1,1-Dichloroethene	2.304	61	770937	222.39	ug/l	98
20) Methyl Acetate	2.563	43	580935	183.75	ug/l	100
21) Methyl-t-butyl ether	2.852	73	1326797	207.69	ug/l	96
22) 1,1-Dichloroethane	3.158	63	1001892	230.00	ug/l	99
23) trans-1,2-Dichloroethene	2.852	96	401406	248.67	ug/l	93
24) cis-1,2-Dichloroethene	3.610	61	960050	173.89	ug/l	91
25) Bromochloromethane	3.790	49	521226	153.16	ug/l	90
26) 2,2-Dichloropropane	3.616	77	741834	204.42	ug/l	95
27) 1,4-Dioxane	4.764	88	382342	9917.62	ug/l	87
28) 1,1-Dichloropropene	4.091	75	829862	234.69	ug/l	97
29) Chloroform	3.844	83	1225560	227.04	ug/l	90
31) Cyclohexane	4.031	56	594124	145.96	ug/l	90
33) 1,2-Dichloroethane	4.223	62	992879	211.79	ug/l	94
34) 2-Butanone	3.616	43	315259	145.16	ug/l	98
35) 1,1,1-Trichloroethane	3.982	97	975131	243.23	ug/l	91
36) Carbon Tetrachloride	4.097	117	787972	260.13	ug/l	92
37) Vinyl Acetate	3.207	43	2142671m	1803.22	ug/l	
38) Bromodichloromethane	4.831	83	1029280	246.15	ug/l	97
39) Methylcyclohexane	4.686	83	412607	182.45	ug/l	91
40) Dibromomethane	4.758	174	731753	280.80	ug/l	94
41) 1,2-Dichloropropane	4.692	63	636382	188.47	ug/l	94
42) Trichloroethene	4.578	130	735598	268.12	ug/l	97
43) Benzene	4.217	78	2128254	201.46	ug/l	100
44) tert-Amyl methyl ether	4.283	73	1616950	179.57	ug/l	98
46) Dibromochloromethane	5.637	129	934948	288.58	ug/l	99
47) 2-Chloroethylvinylether	4.975	63	384295	228.63	ug/l	80
48) cis-1,3-Dichloropropene	5.059	75	1073891	228.48	ug/l	90
49) trans-1,3-Dichloropropene	5.330	75	1024232	243.10	ug/l	97
50) 1,1,2-Trichloroethane	5.426	97	607501	247.58	ug/l	94
51) 1,2-Dibromoethane	5.703	107	708806	260.52	ug/l	89
52) 1,3-Dichloropropane	4.692	76	334120	204.49	ug/l	100
53) 4-Methyl-2-Pentanone	5.125	43	699903	135.81	ug/l	91
54) 2-Hexanone	5.540	43	493303	151.10	ug/l	87
55) Tetrachloroethene	5.516	164	510546	242.96	ug/l	98
57) Toluene	5.234	92	1290200	214.72	ug/l	94
58) 1,1,1,2-Tetrachloroethane	5.979	133	622503	255.82	ug/l	76
59) Chlorobenzene	5.949	112	1524174	238.63	ug/l	94
61) Bromoform	6.370	173	851603	304.39	ug/l	90
62) Ethylbenzene	5.997	106	589106	228.56	ug/l	83
63) 1,1,2,2-Tetrachloroethane	6.587	83	786735	210.94	ug/l	94
65) Styrene	6.262	104	1343639	203.01	ug/l	100
66) m&p-Xylenes	6.052	106	1357977	411.11	ug/l	91

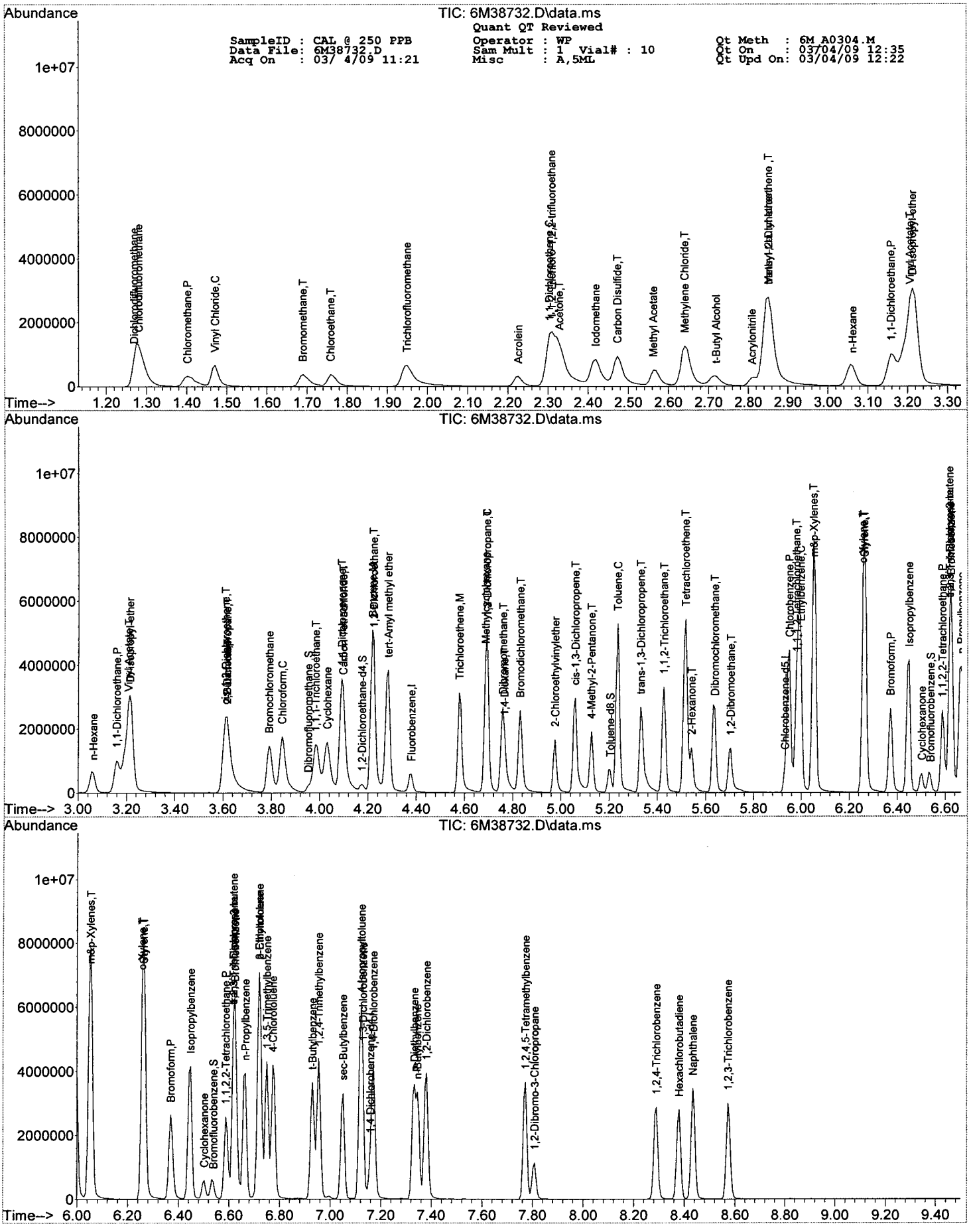
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38732.D Sam Mult : 1 Vial# : 10 Qt On : 03/04/09 12:35
Acq On : 03/ 4/09 11:21 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.256	106	687613	194.58 ug/l	83
68)	trans-1,4-Dichloro-2-b...	6.617	53	229255	198.81 ug/l	31
69)	1,3-Dichlorobenzene	7.128	146	980566	231.35 ug/l	85
70)	1,4-Dichlorobenzene	7.170	146	1193041	231.02 ug/l	81
71)	1,2-Dichlorobenzene	7.381	146	1152875	231.79 ug/l	87
72)	Isopropylbenzene	6.449	105	1764496	229.07 ug/l	93
73)	Cyclohexanone	6.503	55	147665m	725.30 ug/l	
74)	1,2,3-Trichloropropane	6.617	75	847148	180.37 ug/l	89
75)	2-Chlorotoluene	6.719	91	1274032	182.47 ug/l	97
76)	p-Ethyltoluene	6.719	105	1573417	228.68 ug/l	79
77)	4-Chlorotoluene	6.773	91	1393646	204.65 ug/l	90
78)	n-Propylbenzene	6.665	91	1964358	226.14 ug/l	95
79)	Bromobenzene	6.623	77	1209469	164.63 ug/l	84
80)	1,3,5-Trimethylbenzene	6.749	105	1370140	199.11 ug/l	81
81)	t-Butylbenzene	6.930	119	1246251	241.25 ug/l	84
82)	1,2,4-Trimethylbenzene	6.954	105	1531706	219.90 ug/l	88
83)	sec-Butylbenzene	7.050	105	1433553	232.89 ug/l	97
84)	4-Isopropyltoluene	7.122	119	1097203	222.59 ug/l	91
85)	n-Butylbenzene	7.345	91	1350848	217.61 ug/l	79
86)	p-Diethylbenzene	7.333	119	747119	239.16 ug/l	95
87)	1,2,4,5-Tetramethylben...	7.772	119	1315533	212.25 ug/l	89
88)	1,2-Dibromo-3-Chloropr...	7.808	157	237854	257.20 ug/l	58
89)	Hexachlorobutadiene	8.379	225	486692	149.40 ug/l	95
90)	1,2,4-Trichlorobenzene	8.289	180	726869	229.61 ug/l	95
91)	1,2,3-Trichlorobenzene	8.572	180	711709	220.83 ug/l	93
92)	Naphthalene	8.434	128	1805089	216.08 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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SampleID : CAL @ 250 PPB
Data File: 6M38732.D
Acq On : 03/ 4/09 11:21
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/04/09 12:35
Qt Upd On: 03/04/09 12:22
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38731.D Sam Mult : 1 Vial# : 9 Qt On : 03/04/09 12:33
Acq On : 03/ 4/09 11:05 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.373	96	307115	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.931	117	202917	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.158	152	106016	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.958	111	102549	33.85	ug/l	0.00
Spiked Amount 30.000			Recovery = 112.83%			
32) 1,2-Dichloroethane-d4	4.175	67	51815	27.37	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.23%			
56) Toluene-d8	5.203	98	268145	28.11	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.70%			
64) Bromofluorobenzene	6.539	174	123070	30.52	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.73%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.281	51	2060360	356.56	ug/l	90
3) Dichlorodifluoromethane	1.269	85	1396316	426.50	ug/l	86
4) Chloromethane	1.402	50	1249958	329.73	ug/l	90
5) Bromomethane	1.678	94	232244	143.88	ug/l	92
6) Vinyl Chloride	1.471	62	1460471	512.93	ug/l	96
7) Chloroethane	1.753	64	691889	496.82	ug/l	96
8) Trichlorofluoromethane	1.938	101	1594540	729.88	ug/l	86
9) 1,1,2-Trichloro-1,2,2-...	2.310	101	889086	657.73	ug/l	91
10) Methylene Chloride	2.641	84	1066344	563.40	ug/l	73
11) Acrolein	2.226	56	500269	3305.41	ug/l	98
12) Acrylonitrile	2.809	53	394034	516.47	ug/l	91
13) Iodomethane	2.412	142	2218733	676.98	ug/l	92
14) Acetone	2.328	43	2011911	1965.32	ug/l	95
15) Carbon Disulfide	2.473	76	2985005	618.94	ug/l	100
16) t-Butyl Alcohol	2.737	59	545504	2250.12	ug/l	84
17) n-Hexane	3.056	57	567171	462.67	ug/l	77
18) Di-isopropyl-ether	3.212	45	4714591	424.07	ug/l	97
19) 1,1-Dichloroethene	2.304	61	1856824	569.12	ug/l	94
20) Methyl Acetate	2.563	43	1099737	369.59	ug/l	100
21) Methyl-t-butyl ether	2.851	73	2839161	472.20	ug/l	96
22) 1,1-Dichloroethane	3.164	63	2172089	529.80	ug/l	97
23) trans-1,2-Dichloroethene	2.845	96	831351	547.22	ug/l	90
24) cis-1,2-Dichloroethene	3.603	61	1904878	366.59	ug/l	94
25) Bromochloromethane	3.790	49	1052698	328.67	ug/l	98
26) 2,2-Dichloropropane	3.615	77	1500909	439.44	ug/l	95
27) 1,4-Dioxane	4.764	88	732475	20187.46	ug/l	85
28) 1,1-Dichloropropene	4.091	75	1651833	496.35	ug/l	98
29) Chloroform	3.844	83	2496840	491.46	ug/l	87
31) Cyclohexane	4.030	56	1323280	345.40	ug/l	92
33) 1,2-Dichloroethane	4.223	62	1846110	418.41	ug/l	96
34) 2-Butanone	3.621	43	604261	295.63	ug/l	97
35) 1,1,1-Trichloroethane	3.982	97	2093750	554.89	ug/l	97
36) Carbon Tetrachloride	4.103	117	1539418	539.97	ug/l	93
37) Vinyl Acetate	3.194	43	4732296m	4231.53	ug/l	
38) Bromodichloromethane	4.830	83	2002692	508.87	ug/l	94
39) Methylcyclohexane	4.686	83	833098	391.42	ug/l	92
40) Dibromomethane	4.758	174	1323369	539.57	ug/l	95
41) 1,2-Dichloropropane	4.692	63	1172995	369.10	ug/l	92
42) Trichloroethene	4.578	130	1401675	542.83	ug/l	92
43) Benzene	4.217	78	4047782	407.12	ug/l	100
44) tert-Amyl methyl ether	4.283	73	3139332	370.44	ug/l	98
46) Dibromochloromethane	5.636	129	1652886	558.70	ug/l	97
47) 2-Chloroethylvinylether	4.975	63	763031	497.13	ug/l	82
48) cis-1,3-Dichloropropene	5.059	75	2087533	486.40	ug/l	92
49) trans-1,3-Dichloropropene	5.330	75	1945688	505.74	ug/l	97
50) 1,1,2-Trichloroethane	5.426	97	1059169	472.71	ug/l	94
51) 1,2-Dibromoethane	5.703	107	1335442	537.53	ug/l	86
52) 1,3-Dichloropropane	4.692	76	604515	405.18	ug/l	98
53) 4-Methyl-2-Pentanone	5.125	43	1224670	260.23	ug/l	91
54) 2-Hexanone	5.546	43	832222	279.17	ug/l	86
55) Tetrachloroethene	5.522	164	837561	436.49	ug/l	99
57) Toluene	5.233	92	2344875	427.37	ug/l	95
58) 1,1,1,2-Tetrachloroethane	5.985	133	1013083	455.94	ug/l	83
59) Chlorobenzene	5.949	112	2610713	447.62	ug/l	96
61) Bromoform	6.370	173	1467738	554.55	ug/l	91
62) Ethylbenzene	5.997	106	950272	389.73	ug/l	98
63) 1,1,2,2-Tetrachloroethane	6.593	83	1348351	382.15	ug/l	96
65) Styrene	6.268	104	1928997	308.09	ug/l	98
66) m&p-Xylenes	6.051	106	1902146	608.71	ug/l	96

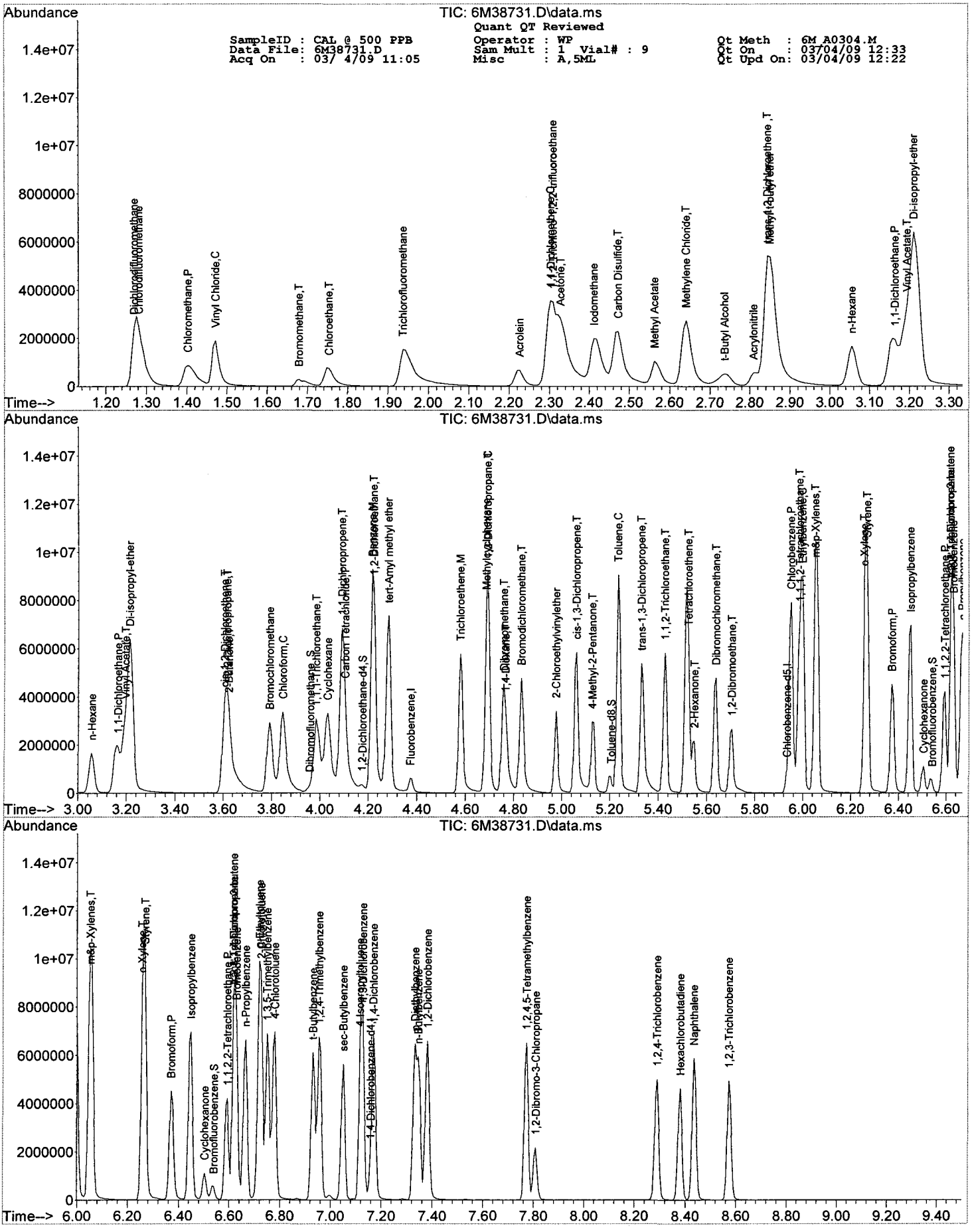
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38731.D Sam Mult : 1 Vial# : 9 Qt On : 03/04/09 12:33
Acq On : 03/ 4/09 11:05 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.256	106	1031963	308.69 ug/l	81
68) trans-1,4-Dichloro-2-b...	6.617	53	398984	365.74 ug/l	19
69) 1,3-Dichlorobenzene	7.128	146	1510984	376.84 ug/l	85
70) 1,4-Dichlorobenzene	7.170	146	1932486	395.56 ug/l	81
71) 1,2-Dichlorobenzene	7.381	146	1897552	403.29 ug/l	87
72) Isopropylbenzene	6.448	105	3040470	417.24 ug/l	93
73) Cyclohexanone	6.503	55	266368m	1383.01 ug/l	
74) 1,2,3-Trichloropropane	6.617	75	1307772	294.33 ug/l	86
75) 2-Chlorotoluene	6.725	91	1784841	270.22 ug/l	96
76) p-Ethyltoluene	6.719	105	2466228	378.90 ug/l	83
77) 4-Chlorotoluene	6.779	91	2396325	371.97 ug/l	90
78) n-Propylbenzene	6.665	91	3355881	408.39 ug/l	95
79) Bromobenzene	6.629	77	1850607	266.27 ug/l	89
80) 1,3,5-Trimethylbenzene	6.749	105	2326871	357.44 ug/l	88
81) t-Butylbenzene	6.930	119	2106843	431.12 ug/l	84
82) 1,2,4-Trimethylbenzene	6.954	105	2494296	378.54 ug/l	88
83) sec-Butylbenzene	7.050	105	2460550	422.55 ug/l	96
84) 4-Isopropyltoluene	7.116	119	1665650	357.19 ug/l	92
85) n-Butylbenzene	7.345	91	2325231	395.96 ug/l	78
86) p-Diethylbenzene	7.333	119	1372496	464.43 ug/l	97
87) 1,2,4,5-Tetramethylben...	7.772	119	2418783	412.52 ug/l	91
88) 1,2-Dibromo-3-Chloropr...	7.808	157	452112	516.79 ug/l	55
89) Hexachlorobutadiene	8.379	225	801207	259.98 ug/l	96
90) 1,2,4-Trichlorobenzene	8.289	180	1218757	406.97 ug/l	94
91) 1,2,3-Trichlorobenzene	8.572	180	1193501	391.46 ug/l	94
92) Naphthalene	8.433	128	3130699	396.16 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 6M38731.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 6M38731.D
Acq On : 03/ 4/09 11:05
Operator : WP
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/04/09 12:33
Qt Upd On: 03/04/09 12:22
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38728.D Sam Mult : 1 Vial# : 6 Qt On : 03/04/09 12:25
Acq On : 03/ 4/09 10:17 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.380	96	263228	30.00	ug/l		0.00
45) Chlorobenzene-d5	5.932	117	196501	30.00	ug/l		0.00
60) 1,4-Dichlorobenzene-d4	7.159	152	95738	30.00	ug/l		0.00
System Monitoring Compounds							
30) Dibromofluoromethane	3.959	111	99914	38.48	ug/l		0.00
Spiked Amount 30.000			Recovery = 128.27%				
32) 1,2-Dichloroethane-d4	4.175	67	51016	31.44	ug/l		0.00
Spiked Amount 30.000			Recovery = 104.80%				
56) Toluene-d8	5.204	98	238490	25.82	ug/l		0.00
Spiked Amount 30.000			Recovery = 86.07%				
64) Bromofluorobenzene	6.533	174	105552	28.99	ug/l		0.00
Spiked Amount 30.000			Recovery = 96.63%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.282	51	3091	0.62	ug/l		84
3) Dichlorodifluoromethane	1.276	85	1481	0.53	ug/l		90
4) Chloromethane	1.403	50	1697	0.52	ug/l		86
5) Bromomethane	1.708	94	1627	1.18	ug/l		98
6) Vinyl Chloride	1.472	62	2046	0.84	ug/l		95
7) Chloroethane	1.772	64	1360	1.14	ug/l		99
8) Trichlorofluoromethane	1.950	101	2210	1.18	ug/l		70
9) 1,1,2-Trichloro-1,2,2-...	2.304	101	279	0.24	ug/l	#	1
10) Methylene Chloride	2.653	84	2693m	1.66	ug/l		
11) Acrolein	2.226	56	177m	1.36	ug/l		
12) Acrylonitrile	2.828	53	240	0.37	ug/l	#	7
13) Iodomethane	2.425	142	3522	1.25	ug/l		91
14) Acetone	2.335	43	4414	5.03	ug/l		73
15) Carbon Disulfide	2.479	76	3931	0.95	ug/l		100
16) t-Butyl Alcohol	2.726	59	865	4.16	ug/l		25
17) n-Hexane	2.954	57	100	0.10	ug/l	#	1
18) Di-isopropyl-ether	3.213	45	7701	0.81	ug/l		98
19) 1,1-Dichloroethene	2.311	61	2710	0.97	ug/l		67
20) Methyl Acetate	2.569	43	1455	0.57	ug/l		100
21) Methyl-t-butyl ether	2.852	73	6173	1.20	ug/l		94
22) 1,1-Dichloroethane	3.165	63	3943	1.12	ug/l		98
23) trans-1,2-Dichloroethene	2.864	96	1340	1.03	ug/l		82
24) cis-1,2-Dichloroethene	3.616	61	2635	0.59	ug/l		65
25) Bromochloromethane	3.790	49	1846	0.67	ug/l		66
26) 2,2-Dichloropropane	3.616	77	2744	0.94	ug/l		74
27) 1,4-Dioxane	4.771	88	788	25.34	ug/l		89
28) 1,1-Dichloropropene	4.091	75	1729	0.61	ug/l		92
29) Chloroform	3.850	83	4640	1.07	ug/l		79
31) Cyclohexane	4.037	56	691m	0.21	ug/l		
33) 1,2-Dichloroethane	4.223	62	4030	1.07	ug/l		94
34) 2-Butanone	3.628	43	632	0.36	ug/l		56
35) 1,1,1-Trichloroethane	3.983	97	3061	0.95	ug/l		85
36) Carbon Tetrachloride	4.103	117	2463	1.01	ug/l	#	55
37) Vinyl Acetate	3.213	43	6565m	6.85	ug/l		
38) Bromodichloromethane	4.831	83	3456	1.02	ug/l		78
39) Methylcyclohexane	4.692	83	618	0.34	ug/l	#	75
40) Dibromomethane	4.765	174	1816	0.86	ug/l		90
41) 1,2-Dichloropropane	4.692	63	1873	0.69	ug/l		76
42) Trichloroethene	4.584	130	2163	0.98	ug/l		83
43) Benzene	4.223	78	6568	0.77	ug/l		100
44) tert-Amyl methyl ether	4.283	73	3414	0.47	ug/l	#	74
46) Dibromochloromethane	5.637	129	2462	0.86	ug/l		88
47) 2-Chloroethylvinylether	4.981	63	116	0.08	ug/l	#	35
48) cis-1,3-Dichloropropene	5.065	75	2202	0.53	ug/l		81
49) trans-1,3-Dichloropropene	5.348	75	1377	0.37	ug/l		78
50) 1,1,2-Trichloroethane	5.432	97	1926	0.89	ug/l	#	69
51) 1,2-Dibromoethane	5.715	107	1882	0.78	ug/l		74
52) 1,3-Dichloropropane	4.692	76	1140	0.79	ug/l		44
53) 4-Methyl-2-Pentanone	5.132	43	1339	0.29	ug/l		43
54) 2-Hexanone	5.571	43	150	0.05	ug/l	#	42
55) Tetrachloroethene	5.523	164	1760	0.95	ug/l		54
57) Toluene	5.240	92	4452	0.84	ug/l		66
58) 1,1,1,2-Tetrachloroethane	5.986	133	1960	0.91	ug/l		62
59) Chlorobenzene	5.950	112	5164	0.91	ug/l		82
61) Bromoform	6.377	173	2170	0.91	ug/l		86
62) Ethylbenzene	6.004	106	1472	0.67	ug/l		73
63) 1,1,2,2-Tetrachloroethane	6.593	83	2537	0.80	ug/l		60
65) Styrene	6.274	104	3523	0.62	ug/l		75
66) m&p-Xylenes	6.058	106	3778	1.34	ug/l		68

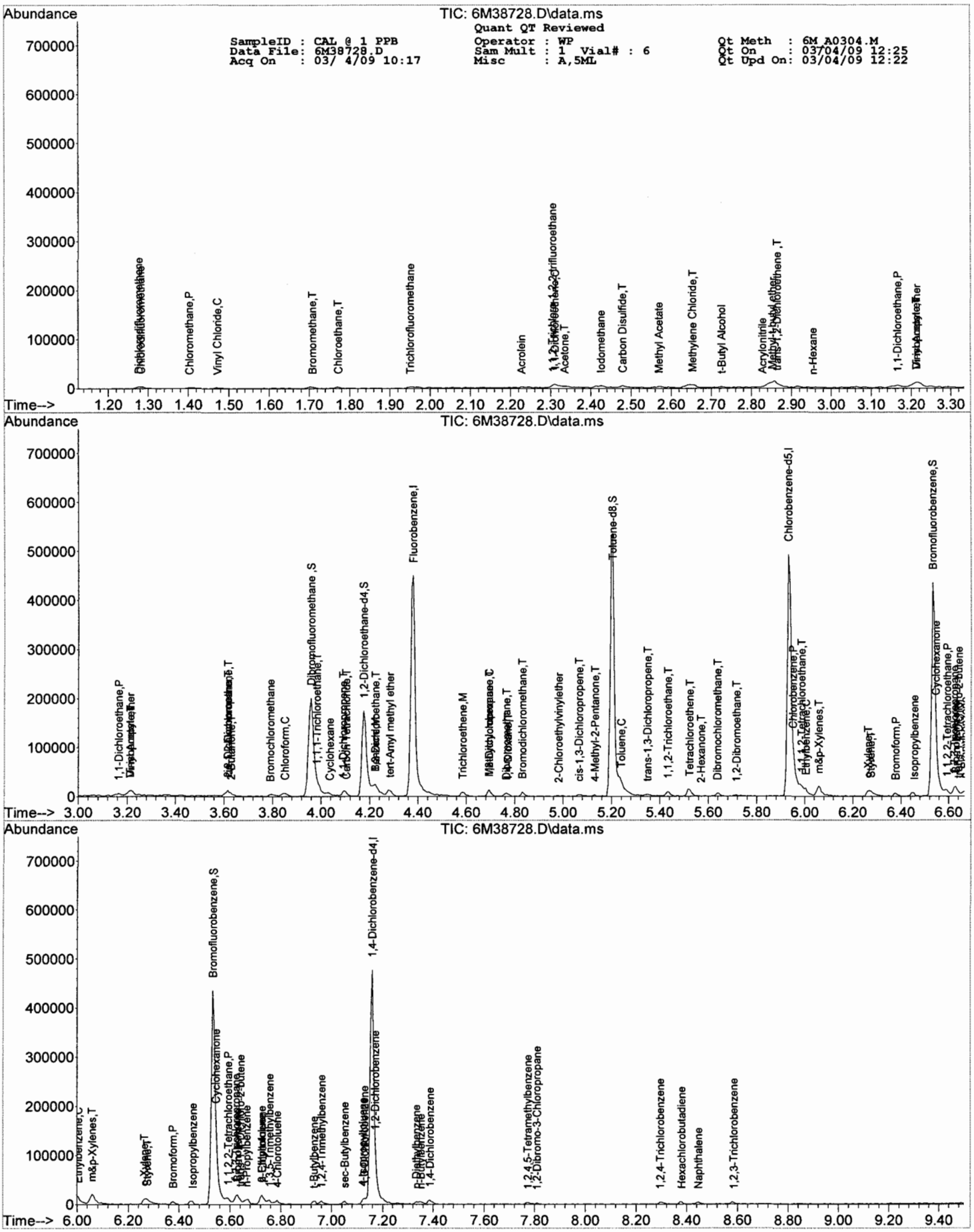
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38728.D Sam Mult : 1 Vial# : 6 Qt On : 03/04/09 12:25
Acq On : 03/ 4/09 10:17 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67)	o-Xylene	6.262	106	1862	0.62	ug/l		63
68)	trans-1,4-Dichloro-2-b...	6.641	53	392	0.40	ug/l	#	1
69)	1,3-Dichlorobenzene	7.129	146	4118m	1.14	ug/l		
70)	1,4-Dichlorobenzene	7.387	146	3777	0.86	ug/l		81
71)	1,2-Dichlorobenzene	7.171	146	5486m	1.29	ug/l		
72)	Isopropylbenzene	6.455	105	3788	0.58	ug/l		90
73)	Cyclohexanone	6.545	55	120	0.69	ug/l	#	84
74)	1,2,3-Trichloropropane	6.623	75	4238	1.06	ug/l		73
75)	2-Chlorotoluene	6.726	91	4289	0.72	ug/l		90
76)	p-Ethyltoluene	6.726	105	4336	0.74	ug/l		76
77)	4-Chlorotoluene	6.786	91	3878	0.67	ug/l		91
78)	n-Propylbenzene	6.665	91	4643	0.63	ug/l		84
79)	Bromobenzene	6.629	77	4227	0.67	ug/l		83
80)	1,3,5-Trimethylbenzene	6.756	105	3866	0.66	ug/l		88
81)	t-Butylbenzene	6.930	119	2749	0.62	ug/l		73
82)	1,2,4-Trimethylbenzene	6.960	105	3377	0.57	ug/l		90
83)	sec-Butylbenzene	7.050	105	2993	0.57	ug/l		81
84)	4-Isopropyltoluene	7.123	119	2334	0.55	ug/l		88
85)	n-Butylbenzene	7.351	91	2552	0.48	ug/l		82
86)	p-Diethylbenzene	7.333	119	1154	0.43	ug/l	#	77
87)	1,2,4,5-Tetramethylben...	7.772	119	2428	0.46	ug/l		98
88)	1,2-Dibromo-3-Chloropr...	7.808	157	315	0.40	ug/l		79
89)	Hexachlorobutadiene	8.380	225	906	0.33	ug/l		87
90)	1,2,4-Trichlorobenzene	8.295	180	1534	0.57	ug/l		89
91)	1,2,3-Trichlorobenzene	8.584	180	1542	0.56	ug/l	#	77
92)	Naphthalene	8.446	128	3266	0.46	ug/l		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 6M38728.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 6M38728.D
Acq On : 03/ 4/09 10:17
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/04/09 12:25
Qt Upd On: 03/04/09 12:22
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38729.D Sam Mult : 1 Vial# : 7 Qt On : 03/04/09 12:29
Acq On : 03/ 4/09 10:34 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.380	96	245621	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.932	117	179096	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.159	152	84231	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.959	111	91071	37.59	ug/l	0.00
Spiked Amount 30.000			Recovery =	125.30%		
32) 1,2-Dichloroethane-d4	4.175	67	44781	29.58	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.60%		
56) Toluene-d8	5.198	98	218135	25.91	ug/l	0.00
Spiked Amount 30.000			Recovery =	86.37%		
64) Bromofluorobenzene	6.533	174	93778	29.27	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.57%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	0.000		0	N.D.	d	
3) Dichlorodifluoromethane	0.000		0	N.D.	d	
4) Chloromethane	0.000		0	N.D.	d	
5) Bromomethane	0.000		0	N.D.	d	
6) Vinyl Chloride	0.000		0	N.D.	d	
7) Chloroethane	0.000		0	N.D.	d	
8) Trichlorofluoromethane	0.000		0	N.D.	d	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D.		
10) Methylene Chloride	0.000		0	N.D.	d	
11) Acrolein	0.000		0	N.D.	d	
12) Acrylonitrile	0.000		0	N.D.	d	
13) Iodomethane	0.000		0	N.D.	d	
14) Acetone	0.000		0	N.D.	d	
15) Carbon Disulfide	0.000		0	N.D.	d	
16) t-Butyl Alcohol	0.000		0	N.D.	d	
17) n-Hexane	0.000		0	N.D.	d	
18) Di-isopropyl-ether	0.000		0	N.D.	d	
19) 1,1-Dichloroethene	0.000		0	N.D.	d	
20) Methyl Acetate	0.000		0	N.D.	d	
21) Methyl-t-butyl ether	2.852	73	2691m	0.56	ug/l	
22) 1,1-Dichloroethane	0.000		0	N.D.	d	
23) trans-1,2-Dichloroethene	0.000		0	N.D.	d	
24) cis-1,2-Dichloroethene	0.000		0	N.D.	d	
25) Bromochloromethane	0.000		0	N.D.	d	
26) 2,2-Dichloropropane	0.000		0	N.D.	d	
27) 1,4-Dioxane	0.000		0	N.D.	d	
28) 1,1-Dichloropropene	0.000		0	N.D.	d	
29) Chloroform	0.000		0	N.D.	d	
31) Cyclohexane	0.000		0	N.D.	d	
33) 1,2-Dichloroethane	4.224	62	1739	0.49	ug/l	94
34) 2-Butanone	0.000		0	N.D.	d	
35) 1,1,1-Trichloroethane	0.000		0	N.D.	d	
36) Carbon Tetrachloride	0.000		0	N.D.	d	
37) Vinyl Acetate	0.000		0	N.D.	d	
38) Bromodichloromethane	0.000		0	N.D.	d	
39) Methylcyclohexane	0.000		0	N.D.	d	
40) Dibromomethane	0.000		0	N.D.	d	
41) 1,2-Dichloropropane	0.000		0	N.D.	d	
42) Trichloroethene	0.000		0	N.D.	d	
43) Benzene	4.224	78	3140	0.39	ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D.	d	
46) Dibromochloromethane	0.000		0	N.D.	d	
47) 2-Chloroethylvinylether	0.000		0	N.D.		
48) cis-1,3-Dichloropropene	0.000		0	N.D.	d	
49) trans-1,3-Dichloropropene	0.000		0	N.D.	d	
50) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
51) 1,2-Dibromoethane	0.000		0	N.D.	d	
52) 1,3-Dichloropropane	0.000		0	N.D.	d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D.	d	
54) 2-Hexanone	0.000		0	N.D.	d	
55) Tetrachloroethene	0.000		0	N.D.	d	
57) Toluene	0.000		0	N.D.	d	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	d	
59) Chlorobenzene	0.000		0	N.D.	d	
61) Bromoform	0.000		0	N.D.	d	
62) Ethylbenzene	0.000		0	N.D.	d	
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
65) Styrene	0.000		0	N.D.	d	
66) m&p-Xylenes	6.052	106	1692m	0.68	ug/l	

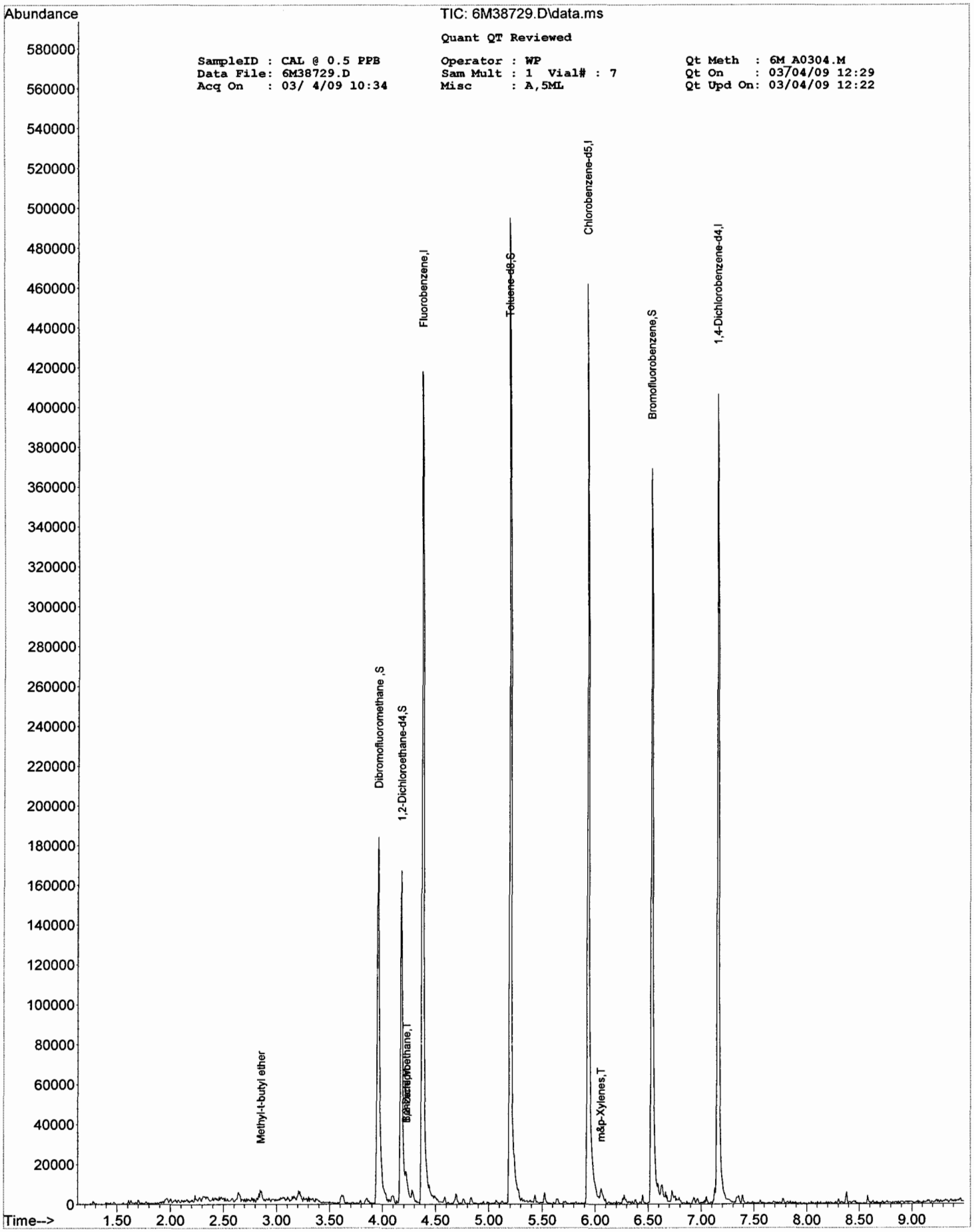
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 6M_A0304.M
Data File: 6M38729.D Sam Mult : 1 Vial# : 7 Qt On : 03/04/09 12:29
Acq On : 03/ 4/09 10:34 Misc : A,5ML Qt Upd On: 03/04/09 12:22

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	0.000		0	N.D.	d	
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
69) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
70) 1,4-Dichlorobenzene	0.000		0	N.D.	d	
71) 1,2-Dichlorobenzene	0.000		0	N.D.	d	
72) Isopropylbenzene	0.000		0	N.D.	d	
73) Cyclohexanone	0.000		0	N.D.	d	
74) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
75) 2-Chlorotoluene	0.000		0	N.D.	d	
76) p-Ethyltoluene	0.000		0	N.D.	d	
77) 4-Chlorotoluene	0.000		0	N.D.	d	
78) n-Propylbenzene	0.000		0	N.D.	d	
79) Bromobenzene	0.000		0	N.D.	d	
80) 1,3,5-Trimethylbenzene	0.000		0	N.D.	d	
81) t-Butylbenzene	0.000		0	N.D.	d	
82) 1,2,4-Trimethylbenzene	0.000		0	N.D.	d	
83) sec-Butylbenzene	0.000		0	N.D.	d	
84) 4-Isopropyltoluene	0.000		0	N.D.	d	
85) n-Butylbenzene	0.000		0	N.D.	d	
86) p-Diethylbenzene	0.000		0	N.D.	d	
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D.	d	
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.		
89) Hexachlorobutadiene	0.000		0	N.D.	d	
90) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
91) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d	
92) Naphthalene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 6M38729.D
Acq On : 03/ 4/09 10:34
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : A,5ML
Qt Meth : 6M A0304.M
Qt On : 03/04/09 12:29
Qt Upd On: 03/04/09 12:22
Methyl-t-butyl ether
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M59828.D **Instrument:** GCMS 3

Cont Calibration Date/Time 2/25/2009 6:47:00 A Method: EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.62	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.46	15.04	20			0.415	0.428	24.80	
Dichlorodifluoromethane	1	0		1.43	17.58	20			0.397	0.349	12.10	
Chloromethane	1	0		1.60	25.56	20	1	40.8	0.239	0.305	27.80	
Bromomethane	1	0		1.88	28.35	20	2.8	37.2	0.048	0.082	41.75	
Vinyl Chloride	1	0		1.63	22.29	20	1	39.2	0.261	0.291	11.45	
Chloroethane	1	0		1.95	24.54	20	7.6	32.4	0.091	0.111	22.70	
Trichlorofluoromethane	1	0		2.13	17.95	20	9.6	30.4	0.226	0.216	10.25	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.50	22.62	20			0.190	0.214	13.10	
Methylene Chloride	1	0		2.88	20.03	20	12.1	27.9	0.311	0.311	0.15	
Acrolein	1	0		2.45	83.41	100			0.037	0.033	16.59	
Acrylonitrile	1	0		3.07	18.02	20			0.155	0.135	9.90	
Iodomethane	1	0		2.64	20.27	20			0.316	0.388	1.35	
Acetone	1	0		2.56	82.33	100			0.155	0.127	17.67	
Carbon Disulfide	1	0		2.69	18.64	20			0.936	0.872	6.80	
t-Butyl Alcohol	1	0		2.97	57.02	100			0.024	0.016	42.98	
n-Hexane	1	0		3.28	19.42	20			0.174	0.169	2.90	
Di-isopropyl-ether	1	0		3.45	18.31	20			1.513	1.386	8.45	
1.1-Dichloroethene	1	0		2.52	18.69	20	10.1	29.9	0.558	0.521	6.55	
Methyl Acetate	1	0		2.80	15.98	20			0.429	0.342	20.10	
Methyl-t-butyl ether	1	0		3.08	18.74	20			0.563	0.531	6.30	
1.1-Dichloroethane	1	0		3.42	18.44	20	14.5	25.5	0.615	0.567	7.80	
trans-1.2-Dichloroethene	1	0		3.08	19.90	20	13.9	26.1	0.255	0.253	0.50	
cis-1.2-Dichloroethene	1	0		3.87	18.56	20			0.618	0.573	7.20	
Bromochloromethane	1	0		4.05	19.57	20			0.448	0.438	2.15	
2.2-Dichloropropane	1	0		3.87	18.94	20			0.274	0.260	5.30	
1.4-Dioxane	1	0		5.06	874.91	1000			0.004	0.004	12.51	
1.1-Dichloropropene	1	0		4.33	19.37	20			0.440	0.426	3.15	
Chloroform	1	0		4.10	19.11	20	13.5	26.5	0.562	0.537	4.45	
Dibromofluoromethane	1	0	S	4.21	30.15	30			0.297	0.298	0.50	
Cyclohexane	1	0		4.26	18.40	20			0.424	0.412	8.00	
1.2-Dichloroethane-d4	1	0	S	4.42	31.36	30			0.063	0.066	4.53	
1.2-Dichloroethane	1	0		4.47	18.71	20	13.6	26.4	0.549	0.514	6.45	
2-Butanone	1	0		3.88	16.35	20			0.264	0.216	18.25	
1.1.1-Trichloroethane	1	0		4.22	18.89	20	15	25	0.376	0.355	5.55	
Carbon Tetrachloride	1	0		4.33	24.32	20	14.6	25.4	0.212	0.304	21.60	
Vinyl Acetate	1	0		3.45	18.58	20			1.477	1.372	7.10	
Bromodichloromethane	1	0		5.14	20.19	20	13.1	26.9	0.467	0.472	0.95	
Methylcyclohexane	1	0		4.96	20.56	20			0.254	0.264	2.80	
Dibromomethane	1	0		5.06	17.91	20			0.299	0.268	10.45	
1.2-Dichloropropane	1	0		4.99	17.98	20	6.8	33.2	0.412	0.370	10.10	
Trichloroethene	1	0		4.85	18.68	20	13.3	26.7	0.327	0.305	6.60	
Benzene	1	0		4.46	19.14	20	12.8	27.2	1.231	1.178	4.30	
tert-Amyl methyl ether	1	0		4.51	16.58				0.587			
Chlorobenzene-d5	1	0	I	6.42	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.08	17.87	20	13.5	26.5	0.469	0.489	10.65	
2-Chloroethylvinylether	1	0		5.30	14.78	20	1	44.8	0.330	0.287	26.10	
cis-1.3-Dichloropropene	1	0		5.41	17.06	20	4.8	35.2	0.720	0.691	14.70	
trans-1.3-Dichloropropene	1	0		5.72	15.31	20	10	30	0.627	0.583	23.45	
1.1.2-Trichloroethane	1	0		5.84	19.30	20	14.2	25.8	0.405	0.391	3.50	
1.2-Dibromoethane	1	0		6.17	18.51	20			0.498	0.461	7.45	
1.3-Dichloropropane	1	0		5.94	19.49	20			0.772	0.752	2.55	
4-Methyl-2-Pentanone	1	0		5.49	12.33	20			0.807	0.615	38.35	
2-Hexanone	1	0		5.97	11.83	20			0.595	0.426	40.85	
Tetrachloroethene	1	0		5.93	19.68	20	14.7	25.3	0.315	0.310	1.60	
Toluene-d8	1	0	S	5.57	29.94	30			0.827	0.826	0.20	
Toluene	1	0		5.61	20.00	20	14.9	25.1	0.927	0.927	0.00	
1.1.1.2-Tetrachloroethane	1	0		6.48	22.14	20			0.312	0.346	10.70	
Chlorobenzene	1	0		6.44	19.37	20	13.2	26.8	1.035	1.003	3.15	
1.4-Dichlorobenzene-d4	1	0	I	7.83	30.00	30				0.000	0.00	
Bromoform	1	0		6.95	18.60	20	14.2	25.8	0.677	0.677	7.00	
Ethylbenzene	1	0		6.49	20.69	20	11.8	28.2	0.675	0.730	3.45	
1.1.2.2-Tetrachloroethane	1	0		7.18	18.63	20	12.1	27.9	1.290	1.202	6.85	
Bromofluorobenzene	1	0	S	7.12	29.37	30			0.988	0.967	2.10	
Styrene	1	0		6.81	21.70	20			2.041	2.214	8.50	
m&p-Xylenes	1	0		6.55	44.11	40			1.011	1.143	10.28	
o-Xylene	1	0		6.80	22.18	20			1.043	1.191	10.90	
trans-1.4-Dichloro-2-butene	1	0		7.21	19.94	20			0.460	0.459	0.30	
1.3-Dichlorobenzene	1	0		7.80	19.59	20	14.6	25.4	1.419	1.390	2.05	
1.4-Dichlorobenzene	1	0		7.85	19.39	20	12.6	27.4	1.529	1.483	3.05	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M59828.D **Instrument:** GCMS 3

Cont Calibration Date/Time 2/25/2009 6:47:00 A Method: EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Dichlorobenzene	1	0		8.10	19.08	20	12.6	27.4	1.477	1.409	4.60	
Isopropylbenzene	1	0		7.00	21.88	20			2.508	2.743	9.40	
Cyclohexanone	1	0		7.09	90.99				0.056			
1.2.3-Trichloropropane	1	0		7.22	18.65	20			1.371	1.279	6.75	
2-Chlorotoluene	1	0		7.33	21.58	20			1.743	1.880	7.90	
p-Ethyltoluene	1	0		7.32	23.00				2.539			
4-Chlorotoluene	1	0		7.40	20.06	20			1.747	1.753	0.30	
n-Propylbenzene	1	0		7.26	21.45	20			3.063	3.285	7.25	
Bromobenzene	1	0		7.22	20.50	20			2.081	2.132	2.50	
1.3.5-Trimethylbenzene	1	0		7.35	25.41	20			1.833	1.909	27.05	
t-Butylbenzene	1	0		7.57	21.18	20			1.654	1.751	5.90	
1.2.4-Trimethylbenzene	1	0		7.60	21.39	20			2.049	2.191	6.95	
sec-Butylbenzene	1	0		7.70	21.00	20			2.079	2.183	5.00	
4-Isopropyltoluene	1	0		7.78	21.41	20			1.606	1.720	7.05	
n-Butylbenzene	1	0		8.04	20.60	20			2.001	2.061	3.00	
p-Diethylbenzene	1	0		8.02	21.12				0.998			
1.2.4.5-Tetramethylbenzene	1	0		8.52	19.91				1.369			
1.2-Dibromo-3-Chloropropane	1	0		8.59	11.25	20			0.236	0.179	43.75	
Hexachlorobutadiene	1	0		9.22	15.08	20			0.504	0.337	24.60	
1.2.4-Trichlorobenzene	1	0		9.13	16.54	20			0.776	0.642	17.30	
1.2.3-Trichlorobenzene	1	0		9.46	15.68	20			0.758	0.610	21.60	
Naphthalene	1	0		9.31	16.32	20			1.986	1.678	18.40	
1.2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M59828.D Sam Mult : 1 Vial# : 4 Qt On : 02/25/09 07:06
Acq On : 02/25/09 06:47 Misc : A,5ML Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-25-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.621	96	301117	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.423	117	223560	30.00	ug/l	-0.03
60) 1,4-Dichlorobenzene-d4	7.831	152	108814	30.00	ug/l	-0.03
System Monitoring Compounds						
30) Dibromofluoromethane	4.207	111	89775	30.15	ug/l	-0.03
Spiked Amount 30.000			Recovery =	100.50%		
32) 1,2-Dichloroethane-d4	4.424	102	19945	31.36	ug/l	-0.03
Spiked Amount 30.000			Recovery =	104.53%		
56) Toluene-d8	5.566	100	184624	29.94	ug/l	-0.03
Spiked Amount 30.000			Recovery =	99.80%		
64) Bromofluorobenzene	7.122	174	105204	29.37	ug/l	-0.03
Spiked Amount 30.000			Recovery =	97.90%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.465	51	85867	15.04	ug/l	88
3) Dichlorodifluoromethane	1.431	85	70043	17.58	ug/l	92
4) Chloromethane	1.598	50	61239	25.56	ug/l	87
5) Bromomethane	1.882	94	16402	28.35	ug/l	94
6) Vinyl Chloride	1.632	62	58356	22.29	ug/l	90
7) Chloroethane	1.948	64	22228	24.54	ug/l	98
8) Trichlorofluoromethane	2.132	101	43357	17.95	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.503	101	43020	22.62	ug/l	92
10) Methylene Chloride	2.878	84	62447	20.03	ug/l	83
11) Acrolein	2.454	56	33618	83.41	ug/l	93
12) Acrylonitrile	3.075	53	27154	18.02	ug/l	88
13) Iodomethane	2.641	142	77842	20.27	ug/l	92
14) Acetone	2.562	43	127955	82.33	ug/l	98
15) Carbon Disulfide	2.690	76	175141	18.64	ug/l	100
16) t-Butyl Alcohol	2.966	59	15664	57.02	ug/l	87
17) n-Hexane	3.281	57	33893	19.42	ug/l	79
18) Di-isopropyl-ether	3.449	45	278205	18.31	ug/l	79
19) 1,1-Dichloroethene	2.523	61	104635	18.69	ug/l	91
20) Methyl Acetate	2.799	43	68739	15.98	ug/l	100
21) Methyl-t-butyl ether	3.084	73	106637	18.74	ug/l	91
22) 1,1-Dichloroethane	3.419	63	113844	18.44	ug/l	99
23) trans-1,2-Dichloroethene	3.084	96	50881	19.90	ug/l	95
24) cis-1,2-Dichloroethene	3.872	61	115078	18.56	ug/l	86
25) Bromochloromethane	4.050	49	87993	19.57	ug/l	92
26) 2,2-Dichloropropane	3.872	77	52171	18.94	ug/l	95
27) 1,4-Dioxane	5.064	88	35639	874.91	ug/l	76
28) 1,1-Dichloropropene	4.325	75	85478	19.37	ug/l	98
29) Chloroform	4.099	83	107738	19.11	ug/l	100
31) Cyclohexane	4.256	56	82746	18.40	ug/l	84
33) 1,2-Dichloroethane	4.473	62	103166	18.71	ug/l	98
34) 2-Butanone	3.882	43	43305	16.35	ug/l	79
35) 1,1,1-Trichloroethane	4.217	97	71341	18.89	ug/l	96
36) Carbon Tetrachloride	4.325	117	61118	24.32	ug/l	92
37) Vinyl Acetate	3.449	43	275373	18.58	ug/l	100
38) Bromodichloromethane	5.143	83	94724	20.19	ug/l	98
39) Methylcyclohexane	4.956	83	52939	20.56	ug/l	88
40) Dibromomethane	5.064	174	53763	17.91	ug/l	93
41) 1,2-Dichloropropane	4.985	63	74290	17.98	ug/l	98
42) Trichloroethene	4.847	130	61231	18.68	ug/l	96
43) Benzene	4.463	78	236468	19.14	ug/l	100
44) tert-Amyl methyl ether	4.512	73	97675	16.58	ug/l	71
46) Dibromochloromethane	6.078	129	72933	17.87	ug/l	97
47) 2-Chloroethylvinylether	5.300	63	42760	14.78	ug/l	86
48) cis-1,3-Dichloropropene	5.409	75	102971	17.06	ug/l	96
49) trans-1,3-Dichloropropene	5.724	75	86872	15.31	ug/l	99
50) 1,1,2-Trichloroethane	5.842	97	58244	19.30	ug/l	97
51) 1,2-Dibromoethane	6.167	107	68705	18.51	ug/l	95
52) 1,3-Dichloropropane	5.940	76	112124	19.49	ug/l	93
53) 4-Methyl-2-Pentanone	5.487	43	91633	12.33	ug/l	100
54) 2-Hexanone	5.970	43	63495	11.83	ug/l	95
55) Tetrachloroethene	5.931	164	46165	19.68	ug/l	99
57) Toluene	5.606	92	138175	20.00	ug/l	100
58) 1,1,1,2-Tetrachloroethane	6.482	133	51532	22.14	ug/l	91
59) Chlorobenzene	6.443	112	149427	19.37	ug/l	98
61) Bromoform	6.945	173	49087	18.60	ug/l	99
62) Ethylbenzene	6.492	106	52968	20.69	ug/l	86
63) 1,1,2,2-Tetrachloroethane	7.181	83	87181	18.63	ug/l	86
65) Styrene	6.807	104	160582	21.70	ug/l	90
66) m&p-Xylenes	6.551	106	165808	44.11	ug/l	85

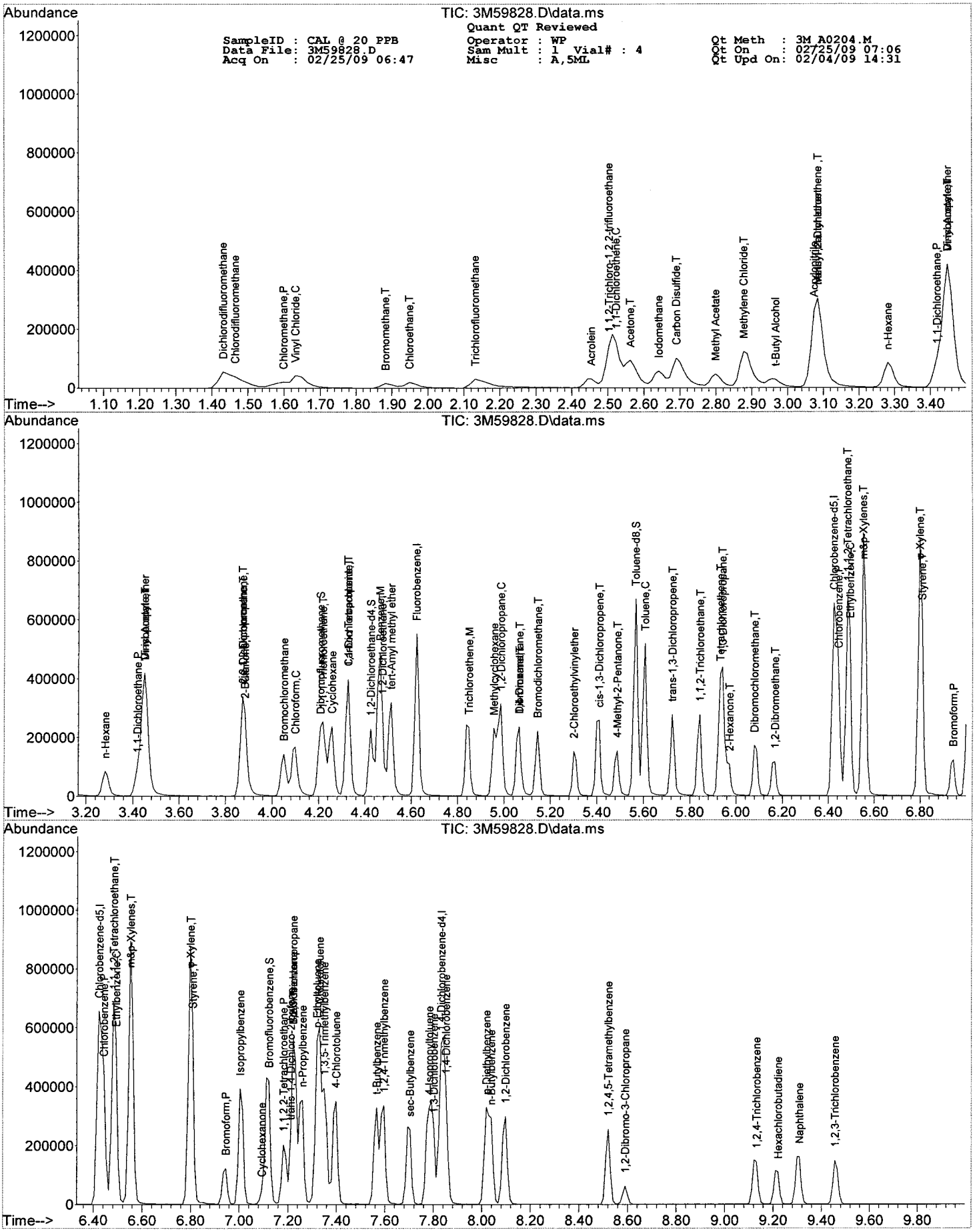
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_A0204.M
Data File: 3M59828.D Sam Mult : 1 Vial# : 4 Qt On : 02/25/09 07:06
Acq On : 02/25/09 06:47 Misc : A,5ML Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-25-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.797	106	86384	22.18 ug/l	83
68) trans-1,4-Dichloro-2-b...	7.211	53	33280	19.94 ug/l	56
69) 1,3-Dichlorobenzene	7.802	146	100819	19.59 ug/l	98
70) 1,4-Dichlorobenzene	7.851	146	107551	19.39 ug/l	94
71) 1,2-Dichlorobenzene	8.097	146	102197	19.08 ug/l	99
72) Isopropylbenzene	7.004	105	199015	21.88 ug/l	97
73) Cyclohexanone	7.093	55	18629	90.99 ug/l	95
74) 1,2,3-Trichloropropane	7.221	75	92746	18.65 ug/l	94
75) 2-Chlorotoluene	7.329	91	136384	21.58 ug/l	96
76) p-Ethyltoluene	7.319	105	211857	23.00 ug/l	92
77) 4-Chlorotoluene	7.398	91	127144	20.06 ug/l	97
78) n-Propylbenzene	7.260	91	238324	21.45 ug/l	96
79) Bromobenzene	7.221	77	154671	20.50 ug/l	85
80) 1,3,5-Trimethylbenzene	7.349	105	138504m	25.41 ug/l	
81) t-Butylbenzene	7.566	119	127049	21.18 ug/l	92
82) 1,2,4-Trimethylbenzene	7.595	105	158933	21.39 ug/l	96
83) sec-Butylbenzene	7.703	105	158343	21.00 ug/l	93
84) 4-Isopropyltoluene	7.782	119	124740	21.41 ug/l	96
85) n-Butylbenzene	8.038	91	149476	20.60 ug/l	97
86) p-Diethylbenzene	8.019	119	76422	21.12 ug/l	91
87) 1,2,4,5-Tetramethylben...	8.521	119	107374	19.91 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.590	157	12986	11.25 ug/l	92
89) Hexachlorobutadiene	9.220	225	24456	15.08 ug/l	94
90) 1,2,4-Trichlorobenzene	9.131	180	46554	16.54 ug/l	99
91) 1,2,3-Trichlorobenzene	9.456	180	44244	15.68 ug/l	98
92) Naphthalene	9.309	128	121761	16.32 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 3M59828.D
Acq On : 02/25/09 06:47
Operator : WP
Sam Mult : 1 Vial# : 4
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02725/09 07:06
Qt Upd On: 02/04/09 14:31
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M59942.D **Instrument:** GCMS 3

Cont Calibration Date/Time 2/27/2009 7:06:00 A Method: EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.61	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.39	9.69	20			0.415	0.275	51.55	
Dichlorodifluoromethane	1	0		1.38	15.40	20			0.397	0.306	23.00	
Chloromethane	1	0		1.53	23.62	20	1	40.8	0.239	0.282	18.10	
Bromomethane	1	0		1.83	33.43	20	2.8	37.2	0.048	0.096	67.15	
Vinyl Chloride	1	0		1.58	20.55	20	1	39.2	0.261	0.268	2.75	
Chloroethane	1	0		1.89	25.63	20	7.6	32.4	0.091	0.115	28.15	
Trichlorofluoromethane	1	0		2.08	17.15	20	9.6	30.4	0.226	0.206	14.25	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.45	21.47	20			0.190	0.203	7.35	
Methylene Chloride	1	0		2.84	19.57	20	12.1	27.9	0.311	0.304	2.15	
Acrolein	1	0		2.40	78.31	100			0.037	0.031	21.69	
Acrylonitrile	1	0		3.03	17.68	20			0.155	0.133	11.60	
Iodomethane	1	0		2.59	19.61	20			0.316	0.375	1.95	
Acetone	1	0		2.51	84.76	100			0.155	0.131	15.24	
Carbon Disulfide	1	0		2.64	17.38	20			0.936	0.814	13.10	
t-Butyl Alcohol	1	0		2.92	50.66	100			0.024	0.014	49.34	
n-Hexane	1	0		3.24	16.24	20			0.174	0.141	18.80	
Di-isopropyl-ether	1	0		3.42	16.60	20			1.513	1.256	17.00	
1.1-Dichloroethene	1	0		2.46	16.70	20	10.1	29.9	0.558	0.466	16.50	
Methyl Acetate	1	0		2.76	16.32	20			0.429	0.350	18.40	
Methyl-t-butyl ether	1	0		3.04	16.67	20			0.563	0.473	16.65	
1.1-Dichloroethane	1	0		3.39	17.22	20	14.5	25.5	0.615	0.529	13.90	
trans-1.2-Dichloroethene	1	0		3.04	18.95	20	13.9	26.1	0.255	0.241	5.25	
cis-1.2-Dichloroethene	1	0		3.85	17.12	20			0.618	0.529	14.40	
Bromochloromethane	1	0		4.03	15.23	20			0.448	0.341	23.85	
2.2-Dichloropropane	1	0		3.85	15.43	20			0.274	0.212	22.85	
1.4-Dioxane	1	0		5.05	857.10	1000			0.004	0.003	14.29	
1.1-Dichloropropene	1	0		4.31	18.13	20			0.440	0.399	9.35	
Chloroform	1	0		4.08	18.55	20	13.5	26.5	0.562	0.521	7.25	
Dibromofluoromethane	1	0	S	4.19	31.27	30			0.297	0.309	4.23	
Cyclohexane	1	0		4.24	15.86	20			0.424	0.355	20.70	
1.2-Dichloroethane-d4	1	0	S	4.41	31.25	30			0.063	0.066	4.17	
1.2-Dichloroethane	1	0		4.45	19.07	20	13.6	26.4	0.549	0.524	4.65	
2-Butanone	1	0		3.86	16.70	20			0.264	0.220	16.50	
1.1.1-Trichloroethane	1	0		4.21	17.35	20	15	25	0.376	0.326	13.25	
Carbon Tetrachloride	1	0		4.32	23.19	20	14.6	25.4	0.212	0.290	15.95	
Vinyl Acetate	1	0		3.42	17.16	20			1.477	1.267	14.20	
Bromodichloromethane	1	0		5.13	19.23	20	13.1	26.9	0.467	0.449	3.85	
Methylcyclohexane	1	0		4.96	17.80	20			0.254	0.228	11.00	
Dibromomethane	1	0		5.05	16.98	20			0.299	0.254	15.10	
1.2-Dichloropropane	1	0		4.97	16.39	20	6.8	33.2	0.412	0.337	18.05	
Trichloroethene	1	0		4.84	16.96	20	13.3	26.7	0.327	0.277	15.20	
Benzene	1	0		4.44	18.59	20	12.8	27.2	1.231	1.144	7.05	
tert-Amyl methyl ether	1	0		4.50	14.27				0.587			
Chlorobenzene-d5	1	0	I	6.42	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.09	16.34	20	13.5	26.5	0.469	0.448	18.30	
2-Chloroethylvinylether	1	0		5.30	13.61	20	1	44.8	0.330	0.264	31.95	
cis-1.3-Dichloropropene	1	0		5.40	15.36	20	4.8	35.2	0.720	0.622	23.20	
trans-1.3-Dichloropropene	1	0		5.72	13.52	20	10	30	0.627	0.515	32.40	
1.1.2-Trichloroethane	1	0		5.84	19.04	20	14.2	25.8	0.405	0.386	4.80	
1.2-Dibromoethane	1	0		6.17	18.10	20			0.498	0.451	9.50	
1.3-Dichloropropane	1	0		5.94	19.31	20			0.772	0.745	3.45	
4-Methyl-2-Pentanone	1	0		5.49	11.07	20			0.807	0.552	44.65	
2-Hexanone	1	0		5.97	10.49	20			0.595	0.378	47.55	
Tetrachloroethene	1	0		5.93	18.55	20	14.7	25.3	0.315	0.292	7.25	
Toluene-d8	1	0	S	5.57	30.36	30			0.827	0.837	1.20	
Toluene	1	0		5.61	19.16	20	14.9	25.1	0.927	0.888	4.20	
1.1.1.2-Tetrachloroethane	1	0		6.48	22.07	20			0.312	0.345	10.35	
Chlorobenzene	1	0		6.44	18.52	20	13.2	26.8	1.035	0.959	7.40	
1.4-Dichlorobenzene-d4	1	0	I	7.84	30.00	30				0.000	0.00	
Bromoform	1	0		6.94	16.98	20	14.2	25.8	0.677	0.603	15.10	
Ethylbenzene	1	0		6.49	22.41	20	11.8	28.2	0.675	0.785	12.05	
1.1.2.2-Tetrachloroethane	1	0		7.19	17.88	20	12.1	27.9	1.290	1.154	10.60	
Bromofluorobenzene	1	0	S	7.12	27.92	30			0.988	0.919	6.93	
Styrene	1	0		6.81	20.53	20			2.041	2.095	2.65	
m&p-Xylenes	1	0		6.56	42.71	40			1.011	1.108	6.77	
o-Xylene	1	0		6.81	21.20	20			1.043	1.140	6.00	
trans-1.4-Dichloro-2-butene	1	0		7.22	19.19	20			0.460	0.442	4.05	
1.3-Dichlorobenzene	1	0		7.81	18.12	20	14.6	25.4	1.419	1.286	9.40	
1.4-Dichlorobenzene	1	0		7.86	17.89	20	12.6	27.4	1.529	1.368	10.55	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M59942.D **Instrument:** GCMS 3

Cont Calibration Date/Time 2/27/2009 7:06:00 A **Method:** EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Dichlorobenzene	1	0		8.11	17.35	20	12.6	27.4	1.477	1.281	13.25	
Isopropylbenzene	1	0		7.01	19.33	20			2.508	2.424	3.35	
Cyclohexanone	1	0		7.10	89.27				0.056			
1.2.3-Trichloropropane	1	0		7.23	17.85	20			1.371	1.224	10.75	
2-Chlorotoluene	1	0		7.34	21.09	20			1.743	1.838	5.45	
p-Ethyltoluene	1	0		7.33	21.29				2.539			
4-Chlorotoluene	1	0		7.40	17.82	20			1.747	1.557	10.90	
n-Propylbenzene	1	0		7.26	19.34	20			3.063	2.962	3.30	
Bromobenzene	1	0		7.23	19.21	20			2.081	1.998	3.95	
1.3.5-Trimethylbenzene	1	0		7.36	21.50	20			1.833	1.615	7.50	
t-Butylbenzene	1	0		7.58	18.29	20			1.654	1.512	8.55	
1.2.4-Trimethylbenzene	1	0		7.60	19.81	20			2.049	2.029	0.95	
sec-Butylbenzene	1	0		7.70	18.26	20			2.079	1.898	8.70	
4-Isopropyltoluene	1	0		7.79	17.86	20			1.606	1.434	10.70	
n-Butylbenzene	1	0		8.05	18.17	20			2.001	1.817	9.15	
p-Diethylbenzene	1	0		8.03	17.63				0.998			
1.2.4.5-Tetramethylbenzene	1	0		8.53	18.61				1.369			
1.2-Dibromo-3-Chloropropane	1	0		8.60	9.33	20			0.236	0.148	53.35	
Hexachlorobutadiene	1	0		9.23	11.88	20			0.504	0.265	40.60	
1.2.4-Trichlorobenzene	1	0		9.14	14.15	20			0.776	0.549	29.25	
1.2.3-Trichlorobenzene	1	0		9.47	13.83	20			0.758	0.538	30.85	
Naphthalene	1	0		9.32	16.35	20			1.986	1.681	18.25	
1.2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59942.D Sam Mult : 1 Vial# : 4 Qt On : 02/27/09 07:20
Acq On : 02/27/09 07:06 Misc : A,5ML Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.611	96	197780	30.00	ug/l	-0.04
45) Chlorobenzene-d5	6.423	117	144550	30.00	ug/l	-0.03
60) 1,4-Dichlorobenzene-d4	7.841	152	69177	30.00	ug/l	-0.02
System Monitoring Compounds						
30) Dibromofluoromethane	4.187	111	61139	31.27	ug/l	-0.05
Spiked Amount 30.000			Recovery =	104.23%		
32) 1,2-Dichloroethane-d4	4.414	102	13051	31.25	ug/l	-0.04
Spiked Amount 30.000			Recovery =	104.17%		
56) Toluene-d8	5.566	100	121044	30.36	ug/l	-0.03
Spiked Amount 30.000			Recovery =	101.20%		
64) Bromofluorobenzene	7.122	174	63596	27.92	ug/l	-0.03
Spiked Amount 30.000			Recovery =	93.07%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.393	51	36322	9.69	ug/l	100
3) Dichlorodifluoromethane	1.376	85	40302	15.40	ug/l	92
4) Chloromethane	1.526	50	37177	23.62	ug/l	88
5) Bromomethane	1.827	94	12702	33.43	ug/l	92
6) Vinyl Chloride	1.576	62	35333	20.55	ug/l	94
7) Chloroethane	1.893	64	15195	25.63	ug/l	99
8) Trichlorofluoromethane	2.077	101	27216	17.15	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.454	101	26821	21.47	ug/l	91
10) Methylene Chloride	2.838	84	40059	19.57	ug/l	78
11) Acrolein	2.404	56	20733	78.31	ug/l	91
12) Acrylonitrile	3.035	53	17497	17.68	ug/l	91
13) Iodomethane	2.592	142	49478	19.61	ug/l	93
14) Acetone	2.513	43	86525	84.76	ug/l	96
15) Carbon Disulfide	2.641	76	107313	17.38	ug/l	100
16) t-Butyl Alcohol	2.917	59	9141	50.66	ug/l	98
17) n-Hexane	3.242	57	18611	16.24	ug/l	77
18) Di-isopropyl-ether	3.419	45	165649	16.60	ug/l	80
19) 1,1-Dichloroethene	2.464	61	61395	16.70	ug/l	87
20) Methyl Acetate	2.759	43	46119	16.32	ug/l	100
21) Methyl-t-butyl ether	3.045	73	62317	16.67	ug/l	85
22) 1,1-Dichloroethane	3.389	63	69799	17.22	ug/l	95
23) trans-1,2-Dichloroethene	3.045	96	31819	18.95	ug/l	99
24) cis-1,2-Dichloroethene	3.852	61	69744	17.12	ug/l	96
25) Bromochloromethane	4.029	49	44976	15.23	ug/l	88
26) 2,2-Dichloropropane	3.852	77	27925	15.43	ug/l	96
27) 1,4-Dioxane	5.054	88	22932	857.10	ug/l	78
28) 1,1-Dichloropropene	4.305	75	52560	18.13	ug/l	99
29) Chloroform	4.079	83	68681	18.55	ug/l	99
31) Cyclohexane	4.236	56	46843	15.86	ug/l	86
33) 1,2-Dichloroethane	4.453	62	69048	19.07	ug/l	98
34) 2-Butanone	3.862	43	29060	16.70	ug/l	83
35) 1,1,1-Trichloroethane	4.207	97	43047	17.35	ug/l	98
36) Carbon Tetrachloride	4.315	117	38283	23.19	ug/l	95
37) Vinyl Acetate	3.419	43	167066	17.16	ug/l	100
38) Bromodichloromethane	5.133	83	59248	19.23	ug/l	99
39) Methylcyclohexane	4.955	83	30110	17.80	ug/l	92
40) Dibromomethane	5.054	174	33494	16.98	ug/l	92
41) 1,2-Dichloropropane	4.975	63	44466	16.39	ug/l	98
42) Trichloroethene	4.837	130	36520	16.96	ug/l	94
43) Benzene	4.443	78	150872	18.59	ug/l	100
44) tert-Amyl methyl ether	4.502	73	55190	14.27	ug/l	82
46) Dibromochloromethane	6.088	129	43130	16.34	ug/l	98
47) 2-Chloroethylvinylether	5.300	63	25457	13.61	ug/l	82
48) cis-1,3-Dichloropropene	5.398	75	59958	15.36	ug/l	97
49) trans-1,3-Dichloropropene	5.723	75	49612	13.52	ug/l	97
50) 1,1,2-Trichloroethane	5.842	97	37158	19.04	ug/l	96
51) 1,2-Dibromoethane	6.167	107	43432	18.10	ug/l	96
52) 1,3-Dichloropropane	5.940	76	71831	19.31	ug/l	93
53) 4-Methyl-2-Pentanone	5.487	43	53194	11.07	ug/l	97
54) 2-Hexanone	5.970	43	36416	10.49	ug/l	93
55) Tetrachloroethene	5.930	164	28143	18.55	ug/l	99
57) Toluene	5.605	92	85585	19.16	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.482	133	33209	22.07	ug/l	95
59) Chlorobenzene	6.442	112	92368	18.52	ug/l	97
61) Bromoform	6.945	173	27831	16.98	ug/l	100
62) Ethylbenzene	6.492	106	36224	22.41	ug/l	84
63) 1,1,2,2-Tetrachloroethane	7.191	83	53213	17.88	ug/l	85
65) Styrene	6.807	104	96608	20.53	ug/l	98
66) m&p-Xylenes	6.561	106	102201	42.71	ug/l	94

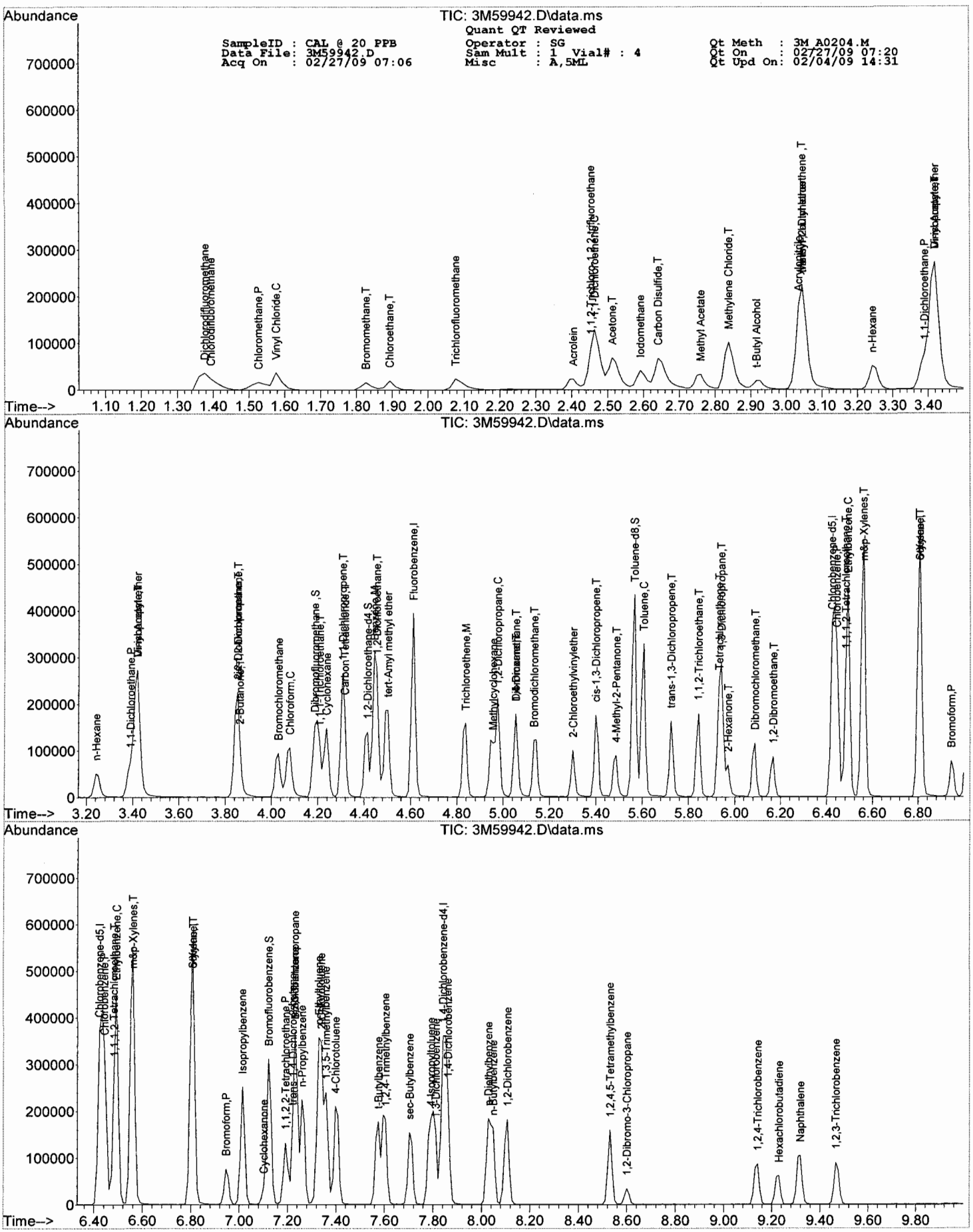
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59942.D Sam Mult : 1 Vial# : 4 Qt On : 02/27/09 07:20
Acq On : 02/27/09 07:06 Misc : A,5ML Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.807	106	52582	21.20 ug/l	90
68) trans-1,4-Dichloro-2-b...	7.220	53	20368	19.19 ug/l	54
69) 1,3-Dichlorobenzene	7.811	146	59310	18.12 ug/l	97
70) 1,4-Dichlorobenzene	7.861	146	63096	17.89 ug/l	93
71) 1,2-Dichlorobenzene	8.107	146	59079	17.35 ug/l	97
72) Isopropylbenzene	7.014	105	111780	19.33 ug/l	97
73) Cyclohexanone	7.102	55	11619	89.27 ug/l	94
74) 1,2,3-Trichloropropane	7.230	75	56429	17.85 ug/l	96
75) 2-Chlorotoluene	7.339	91	84768	21.09 ug/l	96
76) p-Ethyltoluene	7.329	105	124655	21.29 ug/l	94
77) 4-Chlorotoluene	7.398	91	71784	17.82 ug/l	97
78) n-Propylbenzene	7.260	91	136592	19.34 ug/l	97
79) Bromobenzene	7.230	77	92151	19.21 ug/l	84
80) 1,3,5-Trimethylbenzene	7.358	105	74497m	21.50 ug/l	
81) t-Butylbenzene	7.575	119	69733	18.29 ug/l	91
82) 1,2,4-Trimethylbenzene	7.605	105	93568	19.81 ug/l	95
83) sec-Butylbenzene	7.703	105	87535	18.26 ug/l	92
84) 4-Isopropyltoluene	7.792	119	66155	17.86 ug/l	96
85) n-Butylbenzene	8.048	91	83818	18.17 ug/l	95
86) p-Diethylbenzene	8.028	119	40558	17.63 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.530	119	63791	18.61 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.599	157	6845	9.33 ug/l	79
89) Hexachlorobutadiene	9.230	225	12242	11.88 ug/l	98
90) 1,2,4-Trichlorobenzene	9.141	180	25325	14.15 ug/l	99
91) 1,2,3-Trichlorobenzene	9.466	180	24819	13.83 ug/l	96
92) Naphthalene	9.318	128	77523	16.35 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M59942.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 3M59942.D
Acq On : 02/27/09 07:06
Operator : SG
Sam Mult : 1 Vial# : 4
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 07:20
Qt Upd On: 02/04/09 14:31
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 3M59942.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,C
m&p-Xylenes,T
Bromoform,P
Time-->

Abundance
TIC: 3M59942.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,C
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M38825.D **Instrument:** GCMS 6

Cont Calibration Date/Time 3/6/2009 7:17:00 A Method: EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.39	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.28	16.98	20			0.527	0.429	15.10	
Dichlorodifluoromethane	1	0		1.28	32.10	20			0.173	0.277	60.50	
Chloromethane	1	0		1.40	32.48	20	1	40.8	0.175	0.279	62.40	
Bromomethane	1	0		1.71	19.20	20	2.8	37.2	0.171	0.164	4.00	
Vinyl Chloride	1	0		1.47	23.42	20	1	39.2	0.232	0.271	17.10	
Chloroethane	1	0		1.77	21.17	20	7.6	32.4	0.133	0.141	5.85	
Trichlorofluoromethane	1	0		1.95	17.45	20	9.6	30.4	0.252	0.220	12.75	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.32	15.65	20			0.151	0.118	21.75	
Methylene Chloride	1	0		2.65	18.34	20	12.1	27.9	0.215	0.184	8.30	
Acrolein	1	0		2.24	96.07	100			0.015	0.016	3.93	
Acrylonitrile	1	0		2.83	20.50	20			0.070	0.074	2.50	
Iodomethane	1	0		2.42	19.37	20			0.385	0.373	3.15	
Acetone	1	0		2.34	89.80	100			0.083	0.074	10.20	
Carbon Disulfide	1	0		2.48	19.16	20			0.473	0.453	4.20	
t-Butyl Alcohol	1	0		2.73	82.18	100			0.022	0.018	17.82	
n-Hexane	1	0		3.07	26.08	20			0.089	0.116	30.40	
Di-isopropyl-ether	1	0		3.22	20.62	20			0.877	0.904	3.10	
1.1-Dichloroethene	1	0		2.32	19.92	20	10.1	29.9	0.326	0.324	0.40	
Methyl Acetate	1	0		2.58	19.25	20			0.221	0.212	3.75	
Methyl-t-butyl ether	1	0		2.86	17.57	20			0.584	0.513	12.15	
1.1-Dichloroethane	1	0		3.17	18.65	20	14.5	25.5	0.416	0.388	6.75	
trans-1.2-Dichloroethene	1	0		2.86	19.36	20	13.9	26.1	0.172	0.166	3.20	
cis-1.2-Dichloroethene	1	0		3.62	22.57	20			0.376	0.424	12.85	
Bromochloromethane	1	0		3.80	20.49	20			0.198	0.203	2.45	
2.2-Dichloropropane	1	0		3.63	21.84	20			0.303	0.331	9.20	
1.4-Dioxane	1	0		4.78	1064.80	1000			0.003	0.003	6.48	
1.1-Dichloropropene	1	0		4.10	20.20	20			0.304	0.323	1.00	
Chloroform	1	0		3.86	18.15	20	13.5	26.5	0.496	0.450	9.25	
Dibromofluoromethane	1	0	S	3.97	27.68	30			0.353	0.325	7.73	
Cyclohexane	1	0		4.04	25.75	20			0.202	0.284	28.75	
1.2-Dichloroethane-d4	1	0	S	4.19	27.46	30			0.183	0.167	8.47	
1.2-Dichloroethane	1	0		4.24	17.73	20	13.6	26.4	0.417	0.370	11.35	
2-Butanone	1	0		3.63	20.80	20			0.117	0.123	4.00	
1.1.1-Trichloroethane	1	0		3.99	18.29	20	15	25	0.393	0.359	8.55	
Carbon Tetrachloride	1	0		4.11	19.50	20	14.6	25.4	0.327	0.319	2.50	
Vinyl Acetate	1	0		3.22	21.86	20			0.804	0.879	9.30	
Bromodichloromethane	1	0		4.84	17.45	20	13.1	26.9	0.406	0.354	12.75	
Methylcyclohexane	1	0		4.70	24.76	20			0.163	0.202	23.80	
Dibromomethane	1	0		4.77	22.42	20			0.281	0.314	12.10	
1.2-Dichloropropane	1	0		4.70	20.32	20	6.8	33.2	0.242	0.246	1.60	
Trichloroethene	1	0		4.60	20.33	20	13.3	26.7	0.279	0.283	1.65	
Benzene	1	0		4.23	21.93	20	12.8	27.2	0.832	0.912	9.65	
tert-Amyl methyl ether	1	0		4.30	21.10				0.592			
Chlorobenzene-d5	1	0	I	5.95	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		5.65	18.64	20	13.5	26.5	0.491	0.457	6.80	
2-Chloroethylvinylether	1	0		4.99	18.22	20	1	44.8	0.146	0.186	8.90	
cis-1.3-Dichloropropene	1	0		5.07	16.81	20	4.8	35.2	0.517	0.511	15.95	
trans-1.3-Dichloropropene	1	0		5.35	15.54	20	10	30	0.473	0.443	22.30	
1.1.2-Trichloroethane	1	0		5.44	18.79	20	14.2	25.8	0.332	0.312	6.05	
1.2-Dibromoethane	1	0		5.71	20.01	20			0.374	0.374	0.05	
1.3-Dichloropropane	1	0		4.70	19.45	20			0.192	0.187	2.75	
4-Methyl-2-Pentanone	1	0		5.14	18.00	20			0.347	0.329	10.00	
2-Hexanone	1	0		5.56	15.90	20			0.230	0.211	20.50	
Tetrachloroethene	1	0		5.53	21.34	20	14.7	25.3	0.323	0.345	6.70	
Toluene-d8	1	0	S	5.22	30.22	30			1.310	1.319	0.73	
Toluene	1	0		5.25	21.04	20	14.9	25.1	0.741	0.780	5.20	
1.1.1.2-Tetrachloroethane	1	0		6.00	19.93	20			0.360	0.359	0.35	
Chlorobenzene	1	0		5.96	19.70	20	13.2	26.8	0.876	0.863	1.50	
1.4-Dichlorobenzene-d4	1	0	I	7.17	30.00	30				0.000	0.00	
Bromoform	1	0		6.39	18.99	20	14.2	25.8	0.831	0.790	5.05	
Ethylbenzene	1	0		6.01	22.23	20	11.8	28.2	0.655	0.721	11.15	
1.1.2.2-Tetrachloroethane	1	0		6.60	19.03	20	12.1	27.9	0.852	0.810	4.85	
Bromofluorobenzene	1	0	S	6.55	32.40	30			1.135	1.226	8.00	
Styrene	1	0		6.28	23.11	20			1.563	1.722	15.55	
m&p-Xylenes	1	0		6.06	46.16	40			0.802	0.869	15.40	
o-Xylene	1	0		6.27	23.91	20			0.840	0.915	19.55	
trans-1.4-Dichloro-2-butene	1	0		6.64	18.77	20			0.233	0.232	6.15	
1.3-Dichlorobenzene	1	0		7.14	20.80	20	14.6	25.4	1.203	1.251	4.00	
1.4-Dichlorobenzene	1	0		7.19	21.39	20	12.6	27.4	1.341	1.434	6.95	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M38825.D **Instrument:** GCMS 6

Cont Calibration Date/Time 3/6/2009 7:17:00 A Method: EPA 624

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Dichlorobenzene	1	0		7.40	20.86	20	12.6	27.4	1.358	1.417	4.30	
Isopropylbenzene	1	0		6.46	21.65	20			1.868	1.915	8.25	
Cyclohexanone	1	0		6.51	83.27				0.029			
1.2.3-Trichloropropane	1	0		6.64	18.46	20			1.065	0.983	7.70	
2-Chlorotoluene	1	0		6.73	19.90	20			1.690	1.682	0.50	
p-Ethyltoluene	1	0		6.73	24.50				1.843			
4-Chlorotoluene	1	0		6.79	20.47	20			1.561	1.597	2.35	
n-Propylbenzene	1	0		6.68	21.86	20			2.093	2.136	9.30	
Bromobenzene	1	0		6.64	21.78	20			1.377	1.500	8.90	
1.3.5-Trimethylbenzene	1	0		6.76	21.98	20			1.542	1.694	9.90	
t-Butylbenzene	1	0		6.94	22.84	20			1.311	1.406	14.20	
1.2.4-Trimethylbenzene	1	0		6.97	23.39	20			1.598	1.719	16.95	
sec-Butylbenzene	1	0		7.06	22.55	20			1.507	1.613	12.75	
4-Isopropyltoluene	1	0		7.13	21.84	20			1.253	1.369	9.20	
n-Butylbenzene	1	0		7.36	22.86	20			1.406	1.544	14.30	
p-Diethylbenzene	1	0		7.34	22.90				0.736			
1.2.4.5-Tetramethylbenzene	1	0		7.78	21.43				1.237			
1.2-Dibromo-3-Chloropropane	1	0		7.83	18.40	20			0.227	0.230	8.00	
Hexachlorobutadiene	1	0		8.39	20.12	20			0.591	0.595	0.60	
1.2.4-Trichlorobenzene	1	0		8.30	22.97	20			0.686	0.816	14.85	
1.2.3-Trichlorobenzene	1	0		8.59	22.66	20			0.712	0.806	13.30	
Naphthalene	1	0		8.45	20.34	20			1.686	1.841	1.70	
1.2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 6M_A0304.M
Data File: 6M38825.D Sam Mult : 1 Vial# : 5 Qt On : 03/06/09 07:27
Acq On : 03/ 6/09 07:17 Misc : A,5ML Qt Upd On: 03/05/09 08:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.391	96	365139	30.00	ug/1	0.01
45) Chlorobenzene-d5	5.949	117	251593	30.00	ug/1	0.02
60) 1,4-Dichlorobenzene-d4	7.170	152	132274	30.00	ug/1	0.01
System Monitoring Compounds						
30) Dibromofluoromethane	3.970	111	118775	27.68	ug/1	0.01
Spiked Amount 30.000			Recovery = 92.27%			
32) 1,2-Dichloroethane-d4	4.187	67	61121	27.46	ug/1	0.00
Spiked Amount 30.000			Recovery = 91.53%			
56) Toluene-d8	5.215	98	331971	30.22	ug/1	0.01
Spiked Amount 30.000			Recovery = 100.73%			
64) Bromofluorobenzene	6.551	174	162145	32.40	ug/1	0.01
Spiked Amount 30.000			Recovery = 108.00%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.281	51	104350	16.98	ug/1	94
3) Dichlorodifluoromethane	1.276	85	67496	32.10	ug/1	90
4) Chloromethane	1.402	50	68005	32.48	ug/1	94
5) Bromomethane	1.708	94	39877	19.20	ug/1	83
6) Vinyl Chloride	1.472	62	66067	23.42	ug/1	98
7) Chloroethane	1.771	64	34294	21.17	ug/1	92
8) Trichlorofluoromethane	1.950	101	53561	17.45	ug/1	90
9) 1,1,2-Trichloro-1,2,2-...	2.316	101	28700	15.65	ug/1	71
10) Methylene Chloride	2.653	84	44871	18.34	ug/1	69
11) Acrolein	2.238	56	20030	96.07	ug/1	96
12) Acrylonitrile	2.827	53	17977	20.50	ug/1	90
13) Iodomethane	2.424	142	90699	19.37	ug/1	85
14) Acetone	2.340	43	90435	89.80	ug/1	99
15) Carbon Disulfide	2.485	76	110229	19.16	ug/1	100
16) t-Butyl Alcohol	2.725	59	22467	82.18	ug/1	90
17) n-Hexane	3.068	57	28350	26.08	ug/1	80
18) Di-isopropyl-ether	3.224	45	220147	20.62	ug/1	98
19) 1,1-Dichloroethene	2.316	61	78972	19.92	ug/1	99
20) Methyl Acetate	2.581	43	51674	19.25	ug/1	100
21) Methyl-t-butyl ether	2.858	73	124932	17.57	ug/1	94
22) 1,1-Dichloroethane	3.170	63	94418	18.65	ug/1	98
23) trans-1,2-Dichloroethene	2.864	96	40529	19.36	ug/1	92
24) cis-1,2-Dichloroethene	3.621	61	103260	22.57	ug/1	86
25) Bromochloromethane	3.802	49	49418	20.49	ug/1	97
26) 2,2-Dichloropropane	3.627	77	80485	21.84	ug/1	95
27) 1,4-Dioxane	4.776	88	39552	1064.80	ug/1	83
28) 1,1-Dichloropropene	4.103	75	78605	20.20	ug/1	90
29) Chloroform	3.862	83	109468	18.15	ug/1	84
31) Cyclohexane	4.043	56	69229	25.75	ug/1	92
33) 1,2-Dichloroethane	4.235	62	90099	17.73	ug/1	98
34) 2-Butanone	3.627	43	29841	20.80	ug/1	93
35) 1,1,1-Trichloroethane	3.994	97	87385	18.29	ug/1	99
36) Carbon Tetrachloride	4.109	117	77708	19.50	ug/1	98
37) Vinyl Acetate	3.224	43	214086	21.86	ug/1	100
38) Bromodichloromethane	4.843	83	86286	17.45	ug/1	90
39) Methylcyclohexane	4.698	83	49051	24.76	ug/1	94
40) Dibromomethane	4.770	174	76557	22.42	ug/1	93
41) 1,2-Dichloropropane	4.704	63	59847	20.32	ug/1	98
42) Trichloroethene	4.596	130	68995	20.33	ug/1	92
43) Benzene	4.229	78	221988	21.93	ug/1	100
44) tert-Amyl methyl ether	4.295	73	156890	21.10	ug/1	97
46) Dibromochloromethane	5.649	129	76695	18.64	ug/1	98
47) 2-Chloroethylvinylether	4.993	63	31144	18.22	ug/1	84
48) cis-1,3-Dichloropropene	5.071	75	85714	16.81	ug/1	93
49) trans-1,3-Dichloropropene	5.348	75	74228	15.54	ug/1	98
50) 1,1,2-Trichloroethane	5.438	97	52387	18.79	ug/1	88
51) 1,2-Dibromoethane	5.715	107	62687	20.01	ug/1	86
52) 1,3-Dichloropropane	4.704	76	31287	19.45	ug/1	96
53) 4-Methyl-2-Pentanone	5.143	43	55265	18.00	ug/1	90
54) 2-Hexanone	5.558	43	35448	15.90	ug/1	89
55) Tetrachloroethene	5.534	164	57784	21.34	ug/1	97
57) Toluene	5.246	92	130779	21.04	ug/1	97
58) 1,1,1,2-Tetrachloroethane	5.997	133	60239	19.93	ug/1	85
59) Chlorobenzene	5.961	112	144677	19.70	ug/1	94
61) Bromoform	6.388	173	69622	18.99	ug/1	100
62) Ethylbenzene	6.009	106	63544	22.23	ug/1	85
63) 1,1,2,2-Tetrachloroethane	6.599	83	71466	19.03	ug/1	97
65) Styrene	6.280	104	151862	23.11	ug/1	86
66) m&p-Xylenes	6.064	106	153198	46.16	ug/1	99

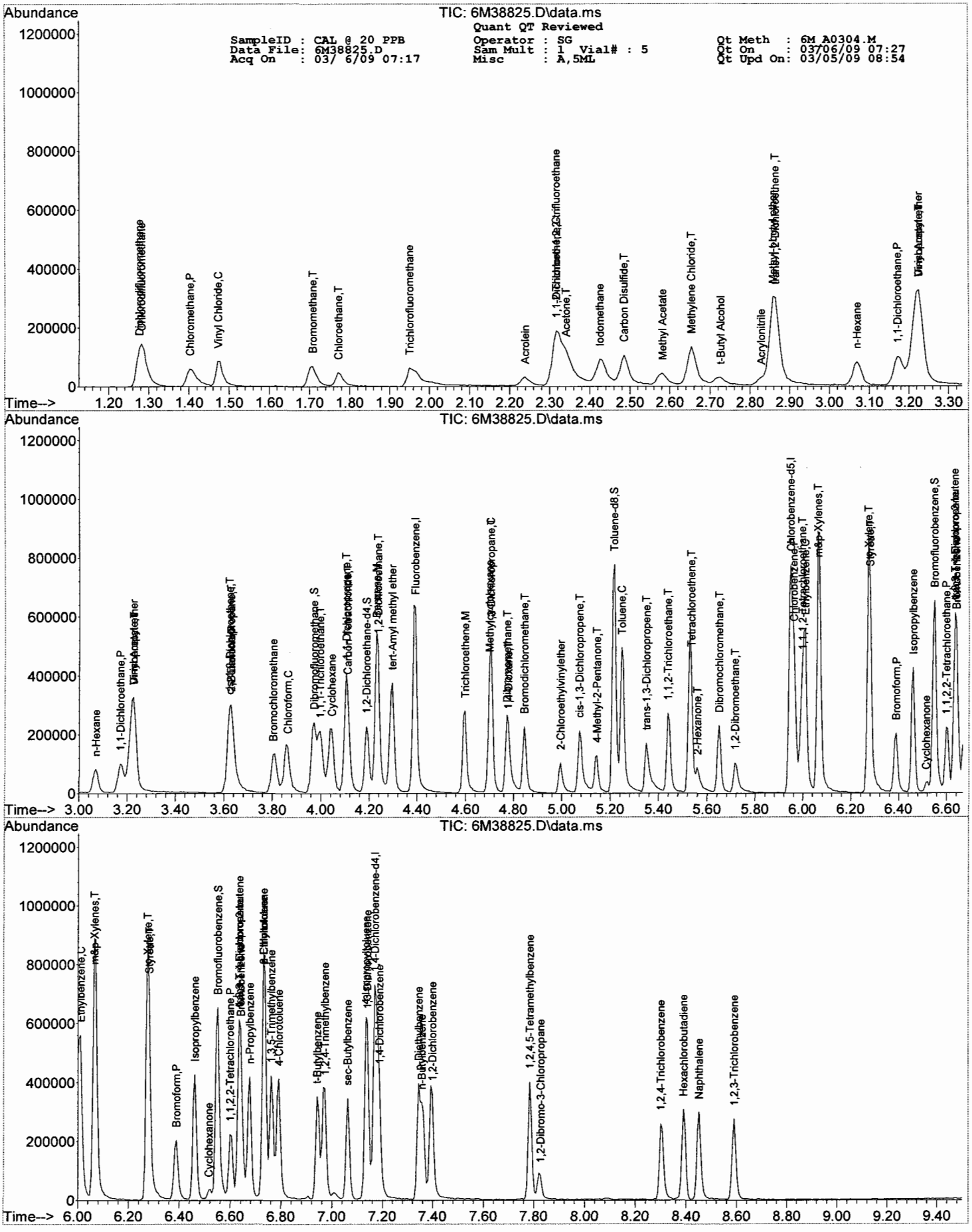
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 6M_A0304.M
Data File: 6M38825.D Sam Mult : 1 Vial# : 5 Qt On : 03/06/09 07:27
Acq On : 03/ 6/09 07:17 Misc : A,5ML Qt Upd On: 03/05/09 08:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.274	106	80722	23.91 ug/l	78
68) trans-1,4-Dichloro-2-b...	6.635	53	20441	18.77 ug/l	48
69) 1,3-Dichlorobenzene	7.140	146	110348	20.80 ug/l	84
70) 1,4-Dichlorobenzene	7.188	146	126484	21.39 ug/l	82
71) 1,2-Dichlorobenzene	7.399	146	124929	20.86 ug/l	84
72) Isopropylbenzene	6.461	105	168835	21.65 ug/l	91
73) Cyclohexanone	6.515	55	11634	83.27 ug/l	94
74) 1,2,3-Trichloropropane	6.635	75	86707	18.46 ug/l	92
75) 2-Chlorotoluene	6.731	91	148314	19.90 ug/l	94
76) p-Ethyltoluene	6.731	105	186837	24.50 ug/l	84
77) 4-Chlorotoluene	6.791	91	140846	20.47 ug/l	86
78) n-Propylbenzene	6.677	91	188361	21.86 ug/l	92
79) Bromobenzene	6.641	77	132286	21.78 ug/l	78
80) 1,3,5-Trimethylbenzene	6.761	105	149393	21.98 ug/l	88
81) t-Butylbenzene	6.942	119	123974	22.84 ug/l	79
82) 1,2,4-Trimethylbenzene	6.972	105	151574	23.39 ug/l	88
83) sec-Butylbenzene	7.062	105	142246	22.55 ug/l	93
84) 4-Isopropyltoluene	7.134	119	120692	21.84 ug/l	90
85) n-Butylbenzene	7.357	91	136161	22.86 ug/l	76
86) p-Diethylbenzene	7.345	119	81624	22.90 ug/l	96
87) 1,2,4,5-Tetramethylben...	7.784	119	134023	21.43 ug/l	87
88) 1,2-Dibromo-3-Chloropr...	7.826	157	20281	18.40 ug/l	52
89) Hexachlorobutadiene	8.391	225	52479	20.12 ug/l	94
90) 1,2,4-Trichlorobenzene	8.301	180	71985	22.97 ug/l	92
91) 1,2,3-Trichlorobenzene	8.590	180	71115	22.66 ug/l	94
92) Naphthalene	8.452	128	162326	20.34 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 6M38825.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 6M38825.D
Acq On : 03/ 6/09 07:17
Operator : SG
Sam Mult : 1 Vial# : 5
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/06/09 07:27
Qt Upd On: 03/05/09 08:54
Time-->

GC/MS Volatile Data
Raw QC Data

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58969.D
Analysis Date: 02/04/09 11:28
Method: EPA 624

Tune Scan/Time Range: Scan 39

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	26.1	12022	PASS
75	95	30	60	50.4	23208	PASS
95	95	100	100	100.0	46024	PASS
96	95	5	9	6.5	2979	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.2	37384	PASS
175	174	5	9	7.0	2604	PASS
176	174	95	101	95.9	35864	PASS
177	176	5	9	6.5	2322	PASS

Data File	Sample Number	Analysis Date:
3M58970.D	CAL @ 1 PPB	02/04/09 11:40
3M58971.D	CAL @ 0.5 PPB	02/04/09 12:00
3M58972.D	CAL @ 5 PPB	02/04/09 12:18
3M58973.D	CAL @ 500 PPB	02/04/09 12:35
3M58974.D	CAL @ 250 PPB	02/04/09 12:52
3M58975.D	CAL @ 100 PPB	02/04/09 13:09
3M58976.D	CAL @ 50 PPB	02/04/09 13:26
3M58977.D	CAL @ 20 PPB	02/04/09 13:43
3M58978.D	CAL @ 10 PPB	02/04/09 14:00
3M58979.D	ICV	02/04/09 14:17
3M58980.D	BLKJUG#1	02/04/09 14:34
3M58981.D	DAILY BLANK	02/04/09 14:51
3M58982.D	AC42412-013	02/04/09 15:08
3M58983.D	AC42412-012(10X)	02/04/09 15:25
3M58984.D	MBS11168	02/04/09 15:42
3M58985.D	BLK	02/04/09 15:59
3M58986.D	AC42381-004	02/04/09 16:16
3M58987.D	AC42357-005	02/04/09 16:33
3M58988.D	AC42357-007	02/04/09 16:51
3M58989.D	AC42357-012(10X)	02/04/09 17:08
3M58990.D	AC42357-011	02/04/09 17:25
3M58991.D	MBS11170	02/04/09 17:42
3M58992.D	BLK	02/04/09 17:59
3M58993.D	MDL @ 1 PPB	02/04/09 18:16
3M58994.D	MDL @ 1 PPB	02/04/09 18:32
3M58995.D	MDL @ 1 PPB	02/04/09 18:49
3M58996.D	MDL @ 1 PPB	02/04/09 19:06
3M58997.D	MDL @ 1 PPB	02/04/09 19:23
3M58998.D	MDL @ 1 PPB	02/04/09 19:40
3M58999.D	MDL @ 1 PPB	02/04/09 19:57
3M59000.D	1 PPB	02/04/09 20:14
3M59001.D	VER @ 1 PPB	02/04/09 20:31
3M59002.D	1 PPB	02/04/09 20:48
3M59003.D	AC42513-012	02/04/09 21:05
3M59004.D	AC42510-002	02/04/09 21:21
3M59005.D	AC42510-003	02/04/09 21:38
3M59006.D	AC42515-003	02/04/09 21:55
3M59007.D	AC42510-001	02/04/09 22:12
3M59008.D	AC42515-001	02/04/09 22:29
3M59009.D	AC42315-001(T:M	02/04/09 22:46
3M59010.D	AC42315-001(T:M	02/04/09 23:03
3M59011.D	BLK	02/04/09 23:20
3M59012.D	BLK	02/04/09 23:37
3M59013.D	BLK	02/04/09 23:54
3M59014.D	MBS11171	02/05/09 00:10
3M59015.D	MBS11172	02/05/09 00:27
3M59016.D	BLK	02/05/09 00:44
3M59017.D	AC42351-004	02/05/09 01:01
3M59018.D	AC42381-003	02/05/09 01:18
3M59019.D	AC42432-002	02/05/09 01:35
3M59020.D	AC42450-007	02/05/09 01:52
3M59021.D	BLK	02/05/09 02:09
3M59022.D	AC42362-011	02/05/09 02:25
3M59023.D	AC42362-010	02/05/09 02:43
3M59024.D	AC42382-001	02/05/09 03:00
3M59025.D	AC42390-001	02/05/09 03:17
3M59026.D	AC42432-001	02/05/09 03:34
3M59027.D	AC42410-005	02/05/09 03:50
3M59028.D	AC42414-004	02/05/09 04:07
3M59029.D	AC42414-006	02/05/09 04:24
3M59030.D	AC42410-001	02/05/09 04:41
3M59031.D	AC42410-002	02/05/09 04:58
3M59032.D	AC42410-003	02/05/09 05:15
3M59033.D	AC42410-004	02/05/09 05:32
3M59034.D	AC42414-002	02/05/09 05:49

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 3
Data File: 3M58969.D
Analysis Date: 02/04/09 11:28
Method: EPA 624

Tune Scan/Time Range: Scan 39

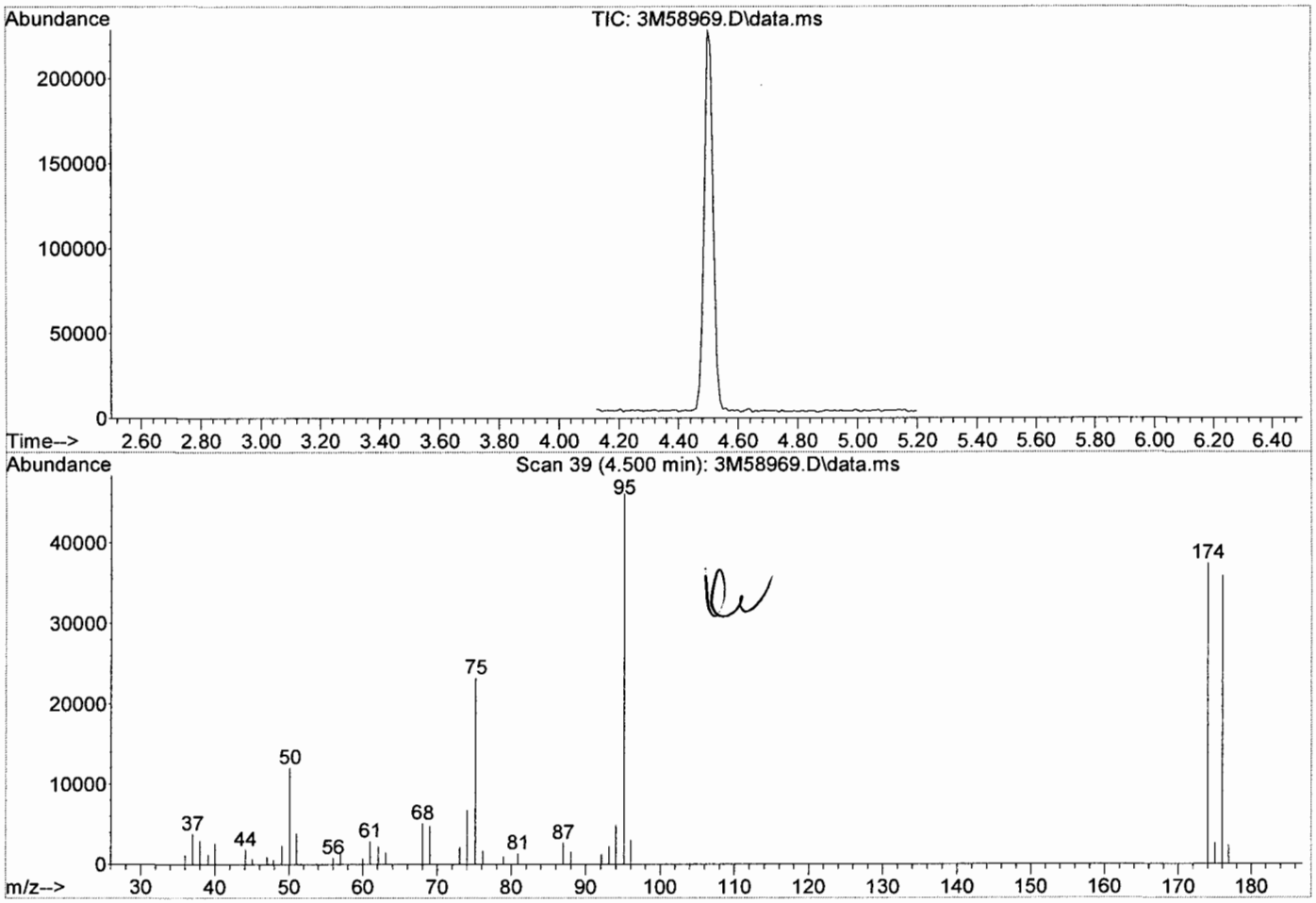
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	26.1	12022	PASS
75	95	30	60	50.4	23208	PASS
95	95	100	100	100.0	46024	PASS
96	95	5	9	6.5	2979	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.2	37384	PASS
175	174	5	9	7.0	2604	PASS
176	174	95	101	95.9	35864	PASS
177	176	5	9	6.5	2322	PASS

3M59035.D	AC42414-003(10X)	02/05/09 06:09
3M59036.D	AC42381-002(10X)	02/05/09 06:30
3M59037.D	AC42356-003(10X)	02/05/09 06:52

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-04-09\
Data File : 3M58969.D
Acq On : 4 Feb 2009 11:28
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260
Last Update : Wed Feb 04 14:31:35 2009



Spectrum Information: Scan 39

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.1	12022	PASS
75	95	30	60	50.4	23208	PASS
95	95	100	100	100.0	46024	PASS
96	95	5	9	6.5	2979	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.2	37384	PASS
175	174	5	9	7.0	2604	PASS
176	174	95	101	95.9	35864	PASS
177	176	5	9	6.5	2322	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 3M59827.D
Instrument: GCMS 3 **Analysis Date:** 02/25/09 06:38
Method: EPA 624
Tune Scan/Time Range: Average of 4.415 to 4.484 min

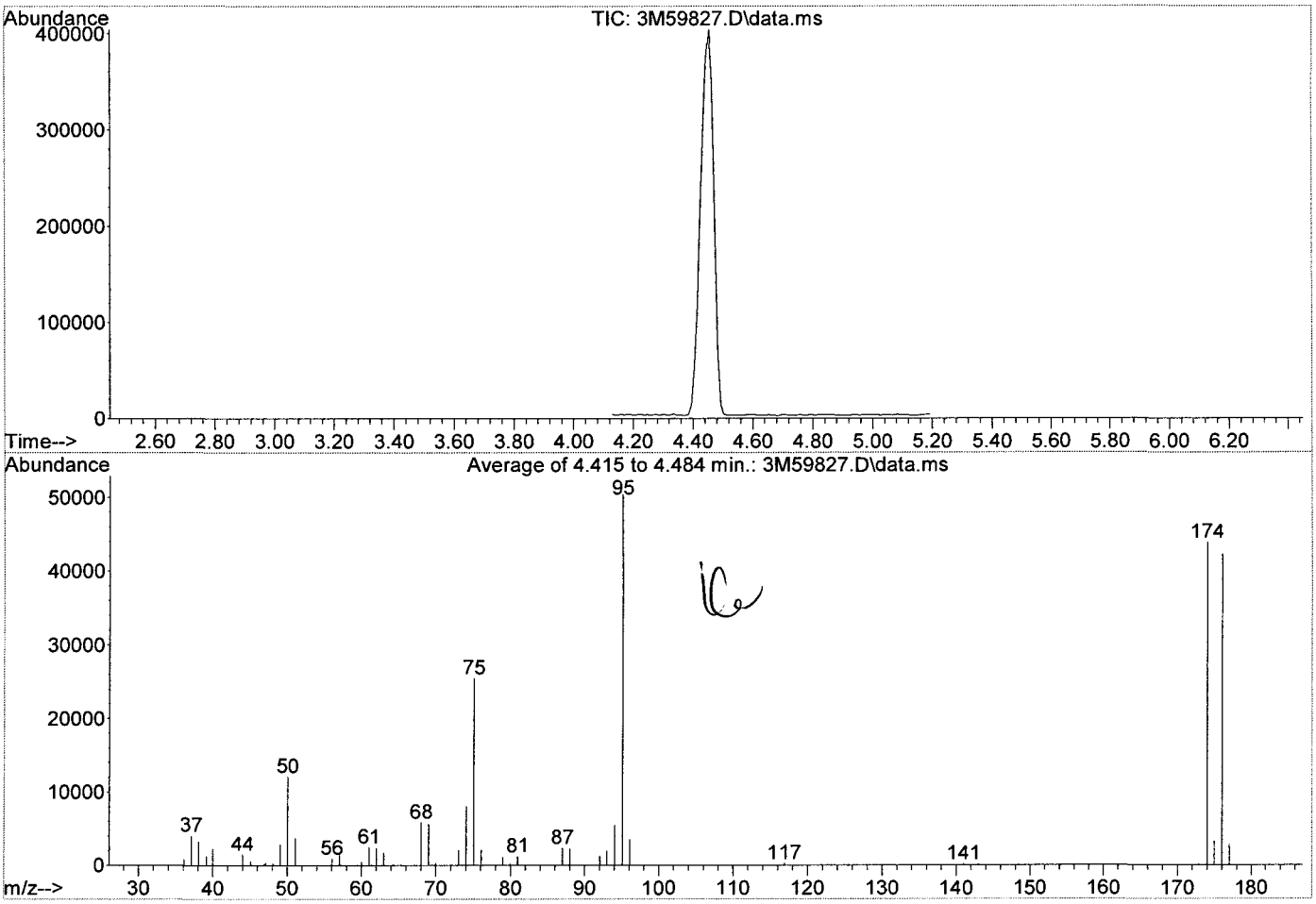
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.0	12069	PASS
75	95	30	60	50.5	25457	PASS
95	95	100	100	100.0	50378	PASS
96	95	5	9	6.9	3462	PASS
173	174	0.00	2	0.2	70	PASS
174	95	50	100	87.0	43850	PASS
175	174	5	9	7.3	3188	PASS
176	174	95	101	96.3	42243	PASS
177	176	5	9	6.7	2813	PASS

Data File	Sample Number	Analysis Date:
3M59828.D	CAL @ 20 PPB	02/25/09 06:47
3M59829.D	BLK	02/25/09 07:13
3M59830.D	DAILY BLANK	02/25/09 07:30
3M59831.D	DAILY BLANK	02/25/09 07:47
3M59832.D	MBS11387	02/25/09 08:04
3M59833.D	MBS11388	02/25/09 08:21
3M59834.D	AC42697-001	02/25/09 08:38
3M59835.D	AC42697-002	02/25/09 08:55
3M59836.D	AC42697-003	02/25/09 09:12
3M59837.D	AC42697-004	02/25/09 09:29
3M59838.D	AC42697-005	02/25/09 09:46
3M59839.D	BLKJUG#2	02/25/09 10:03
3M59840.D	BLKTAP	02/25/09 10:20
3M59841.D	AC42870-001	02/25/09 10:37
3M59842.D	AC42913-001	02/25/09 10:55
3M59843.D	AC42913-002	02/25/09 11:27
3M59844.D	AC42901-002	02/25/09 11:44
3M59845.D	AC42901-003	02/25/09 12:01
3M59846.D	AC42901-001	02/25/09 12:18
3M59847.D	AC42902-001	02/25/09 12:35
3M59848.D	AC42807-003	02/25/09 12:52
3M59849.D	AC42908-001	02/25/09 13:09
3M59850.D	BLKTAP	02/25/09 13:25
3M59851.D	BLKJUG#2	02/25/09 13:42
3M59852.D	AC42807-003	02/25/09 13:59
3M59853.D	AC42848-001(MS)	02/25/09 14:16
3M59854.D	AC42848-001(MSD	02/25/09 14:33
3M59855.D	AC42820-006(MS)	02/25/09 14:50
3M59856.D	AC42820-006(MSD	02/25/09 15:07
3M59857.D	BLK	02/25/09 15:24
3M59858.D	BLK	02/25/09 15:41
3M59859.D	BLK	02/25/09 15:58
3M59860.D	AC42848-001(MS)	02/25/09 16:15
3M59861.D	BLK	02/25/09 16:32

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-25-09\
Data File : 3M59827.D
Acq On : 25 Feb 2009 6:38
Operator : WP
Sample : BFB TUNE
Misc : A,5ML!2
ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260
Last Update : Wed Feb 04 14:31:35 2009



Spectrum Information: Average of 4.415 to 4.484 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.0	12069	PASS
75	95	30	60	50.5	25457	PASS
95	95	100	100	100.0	50378	PASS
96	95	5	9	6.9	3462	PASS
173	174	0.00	2	0.2	70	PASS
174	95	50	100	87.0	43850	PASS
175	174	5	9	7.3	3188	PASS
176	174	95	101	96.3	42243	PASS
177	176	5	9	6.7	2813	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 6
Data File: 6M38725.D
Analysis Date: 03/04/09 09:36
Method: EPA 624

Tune Scan/Time Range: Scan 42

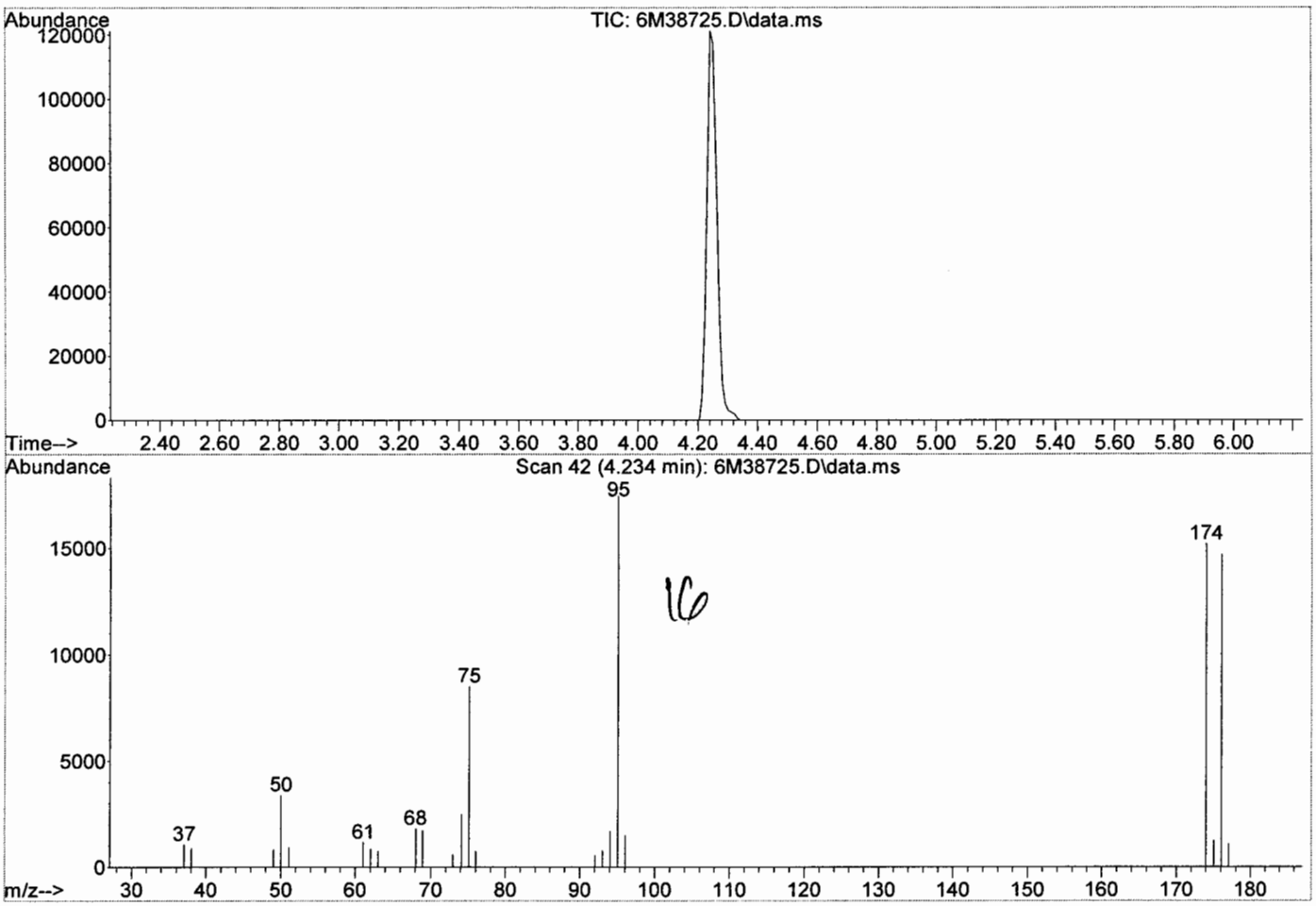
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	19.5	3394	PASS
75	95	30	60	48.7	8499	PASS
95	95	100	100	100.0	17440	PASS
96	95	5	9	8.6	1501	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	87.2	15200	PASS
175	174	5	9	8.1	1238	PASS
176	174	95	101	96.6	14676	PASS
177	176	5	9	7.4	1091	PASS

Data File	Sample Number	Analysis Date:
6M38726.D	BLK	03/04/09 09:46
6M38727.D	PREP BLK	03/04/09 10:02
6M38728.D	CAL @ 1 PPB	03/04/09 10:17
6M38729.D	CAL @ 0.5 PPB	03/04/09 10:34
6M38730.D	CAL @ 5 PPB	03/04/09 10:49
6M38731.D	CAL @ 500 PPB	03/04/09 11:05
6M38732.D	CAL @ 250 PPB	03/04/09 11:21
6M38733.D	CAL @ 100 PPB	03/04/09 11:37
6M38734.D	CAL @ 50 PPB	03/04/09 11:52
6M38735.D	CAL @ 20 PPB	03/04/09 12:08
6M38736.D	CAL @ 10 PPB	03/04/09 12:24
6M38737.D	BLKJUG#2	03/04/09 12:40
6M38738.D	ICV	03/04/09 12:56
6M38739.D	BLK	03/04/09 13:11
6M38740.D	BLK	03/04/09 13:27
6M38741.D	DAILY BLANK	03/04/09 13:43
6M38742.D	DAILY BLANK	03/04/09 13:59
6M38743.D	MBS11457	03/04/09 14:14
6M38744.D	MBS11458	03/04/09 14:30
6M38745.D	BLK	03/04/09 14:46
6M38746.D	AC43049-001	03/04/09 15:02
6M38747.D	AC43049-002	03/04/09 15:18
6M38748.D	AC43049-003	03/04/09 15:33
6M38749.D	AC43049-004	03/04/09 15:49
6M38750.D	AC43049-005	03/04/09 16:05
6M38751.D	AC43049-006	03/04/09 16:20
6M38752.D	AC43049-007	03/04/09 16:36
6M38753.D	AC43049-008	03/04/09 16:52
6M38754.D	AC43049-009	03/04/09 17:08
6M38755.D	AC43049-010	03/04/09 17:24
6M38756.D	AC43049-011	03/04/09 17:39
6M38757.D	AC43049-012	03/04/09 17:55
6M38758.D	AC43049-013	03/04/09 18:11
6M38759.D	AC43049-014	03/04/09 18:26
6M38760.D	AC43049-001(MS)	03/04/09 18:42
6M38761.D	AC43049-001(MSD	03/04/09 18:58
6M38762.D	BLK	03/04/09 19:14
6M38763.D	AC43040-005	03/04/09 19:29
6M38764.D	AC43041-001	03/04/09 19:45
6M38765.D	AC43040-001	03/04/09 20:01
6M38766.D	AC43040-003	03/04/09 20:17
6M38767.D	AC43033-001	03/04/09 20:32
6M38768.D	AC43036-007	03/04/09 20:48
6M38769.D	AC43041-004(10X)	03/04/09 21:07
6M38770.D	AC43041-002(10X)	03/04/09 21:27
6M38771.D	AC43041-003(10X)	03/04/09 21:47
6M38772.D	BLK	03/04/09 22:04
6M38773.D	AC42925-016(MS)	03/04/09 22:20
6M38774.D	AC42925-016(MSD	03/04/09 22:36
6M38775.D	BLK	03/04/09 22:51
6M38776.D	BLK	03/04/09 23:07
6M38777.D	BLK	03/04/09 23:23
6M38778.D	BLK	03/04/09 23:38
6M38779.D	BLK	03/04/09 23:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-04-09\
Data File : 6M38725.D
Acq On : 4 Mar 2009 9:36
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 3 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0206.M
Title : @GCMS_6,ug,624,8260
Last Update : Fri Feb 06 14:56:57 2009



Spectrum Information: Scan 42

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.5	3394	PASS
75	95	30	60	48.7	8499	PASS
95	95	100	100	100.0	17440	PASS
96	95	5	9	8.6	1501	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	87.2	15200	PASS
175	174	5	9	8.1	1238	PASS
176	174	95	101	96.6	14676	PASS
177	176	5	9	7.4	1091	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 3M59940.D
Instrument: GCMS 3 **Analysis Date:** 02/27/09 06:34
Method: EPA 624
Tune Scan/Time Range: Average of 4.451 to 4.490 min

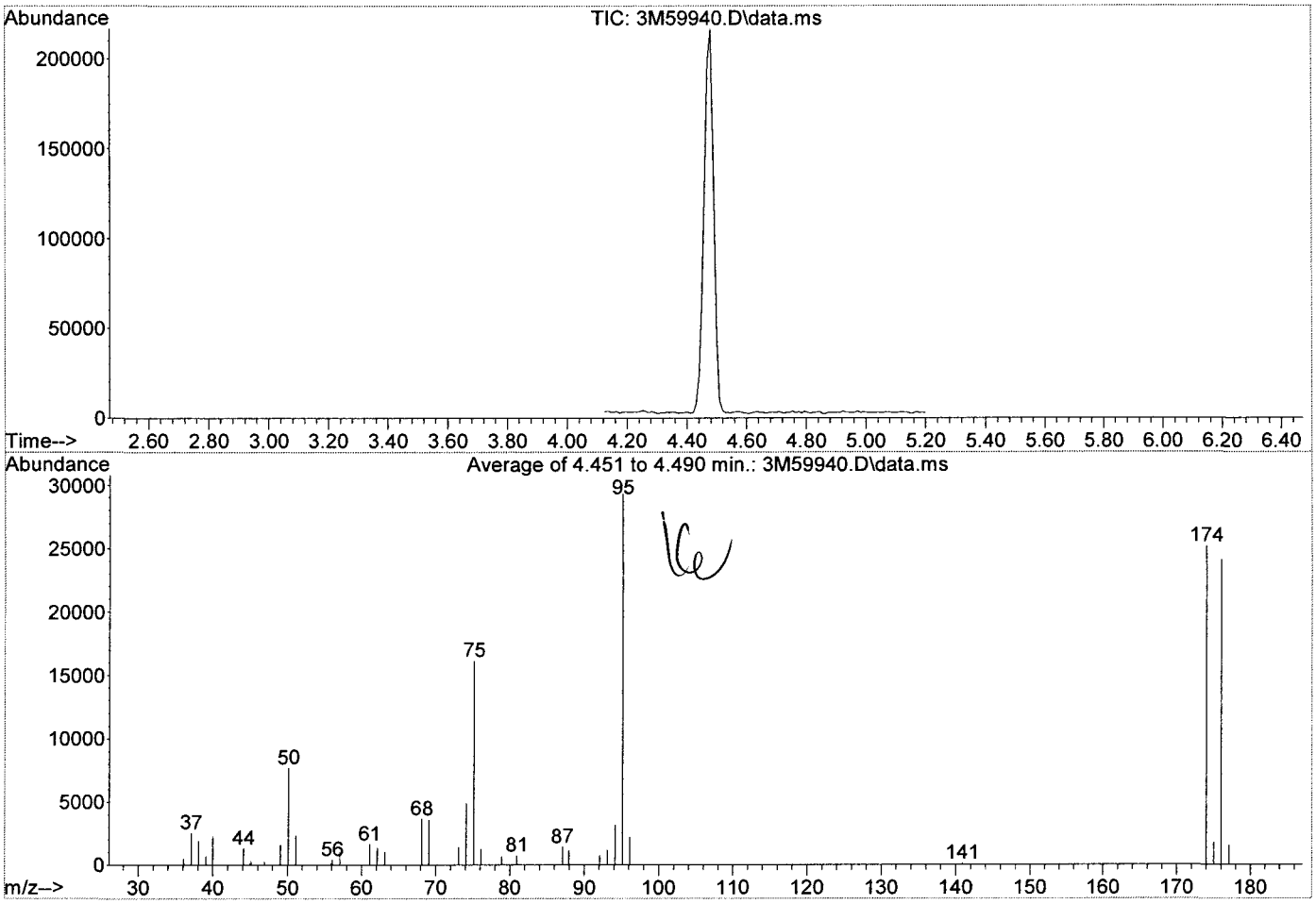
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	26.2	7670	PASS
75	95	30	60	55.1	16171	PASS
95	95	100	100	100.0	29323	PASS
96	95	5	9	7.4	2179	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	85.8	25155	PASS
175	174	5	9	6.9	1745	PASS
176	174	95	101	95.9	24125	PASS
177	176	5	9	6.2	1496	PASS

Data File	Sample Number	Analysis Date:
3M59941.D	20 PPB	02/27/09 06:45
3M59942.D	CAL @ 20 PPB	02/27/09 07:06
3M59943.D	BLK	02/27/09 07:24
3M59944.D	DAILY BLANK	02/27/09 07:41
3M59945.D	DAILY BLANK	02/27/09 07:58
3M59946.D	MBS11411	02/27/09 08:16
3M59947.D	MBS11412	02/27/09 08:33
3M59948.D	AC42725-016	02/27/09 08:50
3M59949.D	BLKJUG#1	02/27/09 09:07
3M59950.D	AC42940-003	02/27/09 09:26
3M59951.D	AC42940-009	02/27/09 09:43
3M59952.D	AC42940-031	02/27/09 10:00
3M59953.D	AC42940-029	02/27/09 10:17
3M59954.D	AC42959-001	02/27/09 10:34
3M59955.D	AC42959-002	02/27/09 10:51
3M59956.D	AC42940-001	02/27/09 11:08
3M59957.D	AC42940-011	02/27/09 11:25
3M59958.D	AC42940-005	02/27/09 11:42
3M59959.D	AC42940-007	02/27/09 11:59
3M59960.D	AC42940-013	02/27/09 12:16
3M59961.D	AC42939-006	02/27/09 12:33
3M59962.D	AC42939-007	02/27/09 12:50
3M59963.D	AC42939-005	02/27/09 13:07
3M59964.D	AC42928-002	02/27/09 13:24
3M59965.D	AC42928-001(10X)	02/27/09 13:43
3M59966.D	AC42939-008(10X)	02/27/09 14:04
3M59967.D	AC42928-003(100	02/27/09 14:25
3M59968.D	BLK	02/27/09 14:42
3M59969.D	AC42926-001	02/27/09 14:59
3M59970.D	AC42925-017	02/27/09 15:16
3M59971.D	AC42901-001(MS)	02/27/09 15:33
3M59972.D	BLK	02/27/09 15:50
3M59973.D	BLK	02/27/09 16:07
3M59974.D	AC42990-001	02/27/09 16:24
3M59975.D	AC42916-008	02/27/09 17:01
3M59976.D	AC42916-003	02/27/09 17:18
3M59977.D	AC42916-015	02/27/09 17:35
3M59978.D	AC42916-014	02/27/09 17:52
3M59979.D	AC42916-005	02/27/09 18:09
3M59980.D	AC42916-004	02/27/09 18:25
3M59981.D	AC42916-009	02/27/09 18:42
3M59982.D	AC42901-001(MSD	02/27/09 18:59
3M59983.D	BLK	02/27/09 19:16
3M59984.D	AC42925-017(5X)	02/27/09 19:33
3M59985.D	MBS11419	02/27/09 19:50
3M59986.D	MBS11420	02/27/09 20:07
3M59987.D	AC42955-001	02/27/09 20:24
3M59988.D	AC42955-002	02/27/09 20:41
3M59989.D	AC42969-001	02/27/09 20:58
3M59990.D	AC42969-002	02/27/09 21:15
3M59991.D	42955-003	02/27/09 21:31
3M59992.D	BLK	03/02/09 08:10

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59940.D
Acq On : 27 Feb 2009 6:34
Operator : SG
Sample : BFB TUNE
Misc : A,5ML!2
ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260
Last Update : Wed Feb 04 14:31:35 2009



Spectrum Information: Average of 4.451 to 4.490 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.2	7670	PASS
75	95	30	60	55.1	16171	PASS
95	95	100	100	100.0	29323	PASS
96	95	5	9	7.4	2179	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	85.8	25155	PASS
175	174	5	9	6.9	1745	PASS
176	174	95	101	95.9	24125	PASS
177	176	5	9	6.2	1496	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 6M38823.D
Instrument: GCMS 6 **Analysis Date:** 03/06/09 06:42
Method: EPA 624
Tune Scan/Time Range: Average of 4.234 to 4.253 min

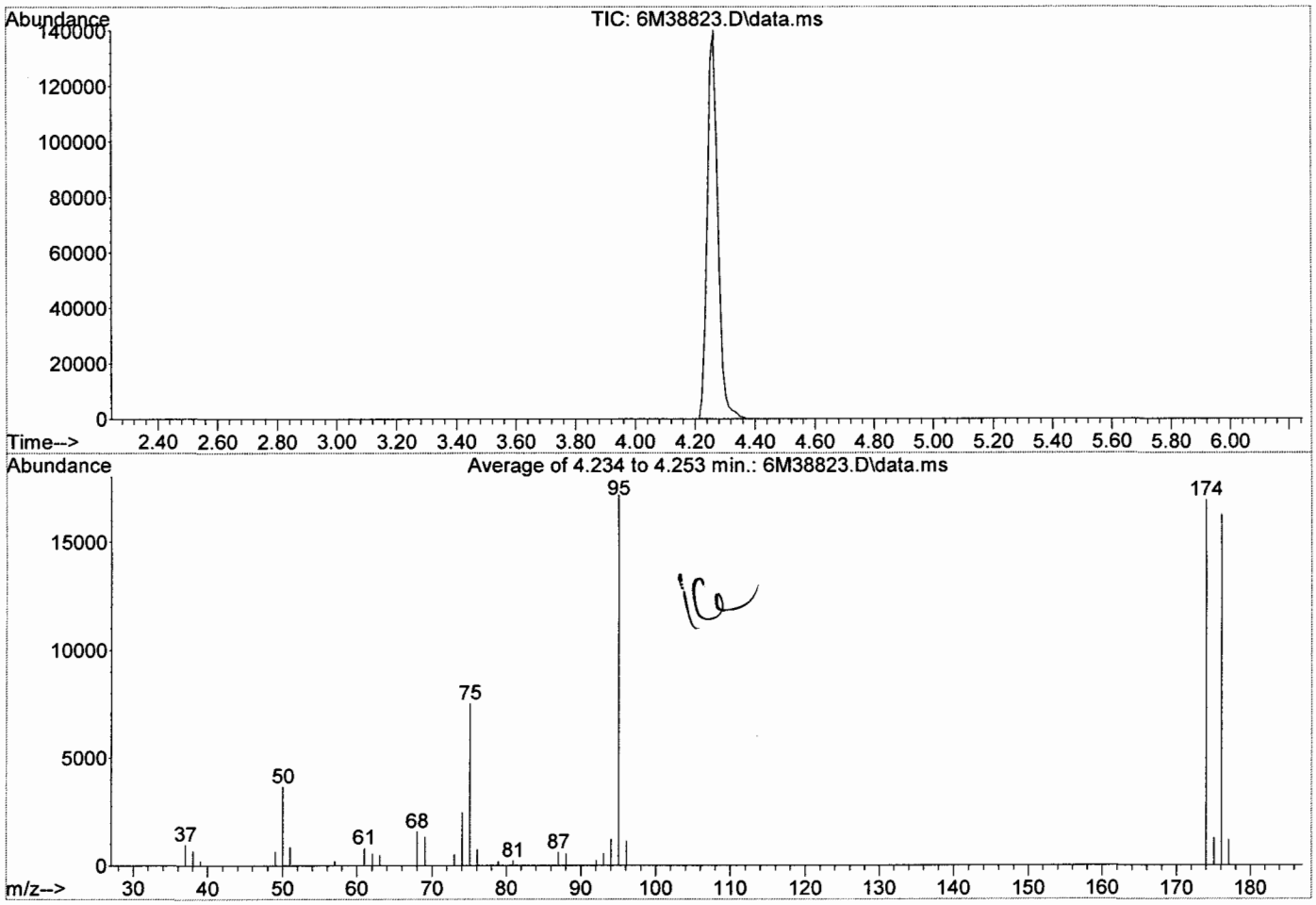
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	21.3	3661	PASS
75	95	30	60	43.8	7522	PASS
95	95	100	100	100.0	17171	PASS
96	95	5	9	6.6	1131	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.5	16917	PASS
175	174	5	9	7.4	1251	PASS
176	174	95	101	96.0	16241	PASS
177	176	5	9	7.2	1162	PASS

Data File	Sample Number	Analysis Date:
6M38824.D	20 PPB	03/06/09 06:52
6M38825.D	CAL @ 20 PPB	03/06/09 07:17
6M38826.D	BLK	03/06/09 07:38
6M38827.D	DAILY BLANK	03/06/09 07:54
6M38828.D	DAILY BLANK	03/06/09 08:10
6M38829.D	AC43076-003	03/06/09 08:26
6M38830.D	AC43076-002	03/06/09 08:41
6M38831.D	AC43076-001(80uL	03/06/09 09:00
6M38832.D	MBS11478	03/06/09 09:18
6M38833.D	AC43076-002	03/06/09 09:34
6M38834.D	MBS11480	03/06/09 09:50
6M38835.D	AC43076-033	03/06/09 10:05
6M38836.D	AC43076-032	03/06/09 10:21
6M38837.D	BLKTEST PS	03/06/09 10:37
6M38838.D	BLKJUG#1	03/06/09 10:53
6M38839.D	AC43093-008(5X)	03/06/09 11:09
6M38840.D	AC43093-013(10X)	03/06/09 11:28
6M38841.D	AC43093-006(10X)	03/06/09 11:48
6M38842.D	AC43093-015(10X)	03/06/09 12:09
6M38843.D	AC43093-016(10X)	03/06/09 12:30
6M38844.D	AC43093-003(20X)	03/06/09 12:50
6M38845.D	AC43093-005(20X)	03/06/09 13:13
6M38846.D	AC43093-009(20X)	03/06/09 13:33
6M38847.D	AC43093-012(50X)	03/06/09 13:53
6M38848.D	AC43093-003(50X)	03/06/09 14:14
6M38849.D	AC43076-001	03/06/09 14:31
6M38850.D	MBS11481	03/06/09 14:47
6M38851.D	AC43049-011(MS)	03/06/09 15:02
6M38852.D	AC43049-011(MSD	03/06/09 15:18
6M38853.D	AC43093-019	03/06/09 15:34
6M38854.D	AC43093-001	03/06/09 15:50
6M38855.D	AC43093-002	03/06/09 16:05
6M38856.D	AC43093-019	03/06/09 16:21
6M38857.D	AC43093-004	03/06/09 16:37
6M38858.D	AC43093-007	03/06/09 16:53
6M38859.D	AC43093-011	03/06/09 17:09
6M38860.D	AC43093-014	03/06/09 17:24
6M38861.D	AC43093-010	03/06/09 17:40
6M38862.D	AC43093-020	03/06/09 17:56
6M38863.D	AC43033-001(MS)	03/06/09 18:12
6M38864.D	AC43033-001(MSD	03/06/09 18:27
6M38865.D	BLK	03/06/09 18:43
6M38866.D	BLK	03/06/09 18:59
6M38867.D	BLK	03/06/09 19:15
6M38868.D	MBS11487	03/06/09 19:30
6M38869.D	MBS11488	03/06/09 19:46
6M38870.D	BLK	03/06/09 20:02
6M38871.D	AC43071-011	03/06/09 20:17
6M38872.D	AC43071-015	03/06/09 20:33
6M38873.D	AC43085-002	03/06/09 20:49
6M38874.D	AC43085-003	03/06/09 21:04
6M38875.D	AC43086-002	03/06/09 21:20
6M38876.D	AC43086-003	03/06/09 21:36
6M38877.D	AC43081-011	03/06/09 21:52
6M38878.D	AC43081-012	03/06/09 22:08
6M38879.D	AC43081-013	03/06/09 22:23
6M38880.D	AC43086-001	03/06/09 22:39
6M38881.D	AC42940-023	03/06/09 22:55
6M38882.D	AC43082-003	03/06/09 23:11
6M38883.D	AC43085-001(10X)	03/06/09 23:29
6M38884.D	AC43094-001(10X)	03/06/09 23:50
6M38885.D	BLK	03/07/09 00:07
6M38886.D	BLK	03/07/09 00:23
6M38887.D	BLK	03/07/09 00:39
6M38888.D	BLK	03/07/09 00:55

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38823.D
Acq On : 6 Mar 2009 6:42
Operator : SG
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 3 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260
Last Update : Fri Feb 06 14:56:57 2009



Spectrum Information: Average of 4.234 to 4.253 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.3	3661	PASS
75	95	30	60	43.8	7522	PASS
95	95	100	100	100.0	17171	PASS
96	95	5	9	6.6	1131	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.5	16917	PASS
175	174	5	9	7.4	1251	PASS
176	174	95	101	96.0	16241	PASS
177	176	5	9	7.2	1162	PASS

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 3M59945.D
Analysis Date: 02/27/09 07:58
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U				

Worksheet #: 110348

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number:	DAILY BLANK	Matrix:	Aqueous
Client Id:		Initial Vol:	5ml
Data File:	3M59945.D	Final Vol:	NA
Analysis Date:	02/27/09 07:58	Dilution:	1.00
Date Rec/Extracted:		Solids:	
		Method:	EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110348

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

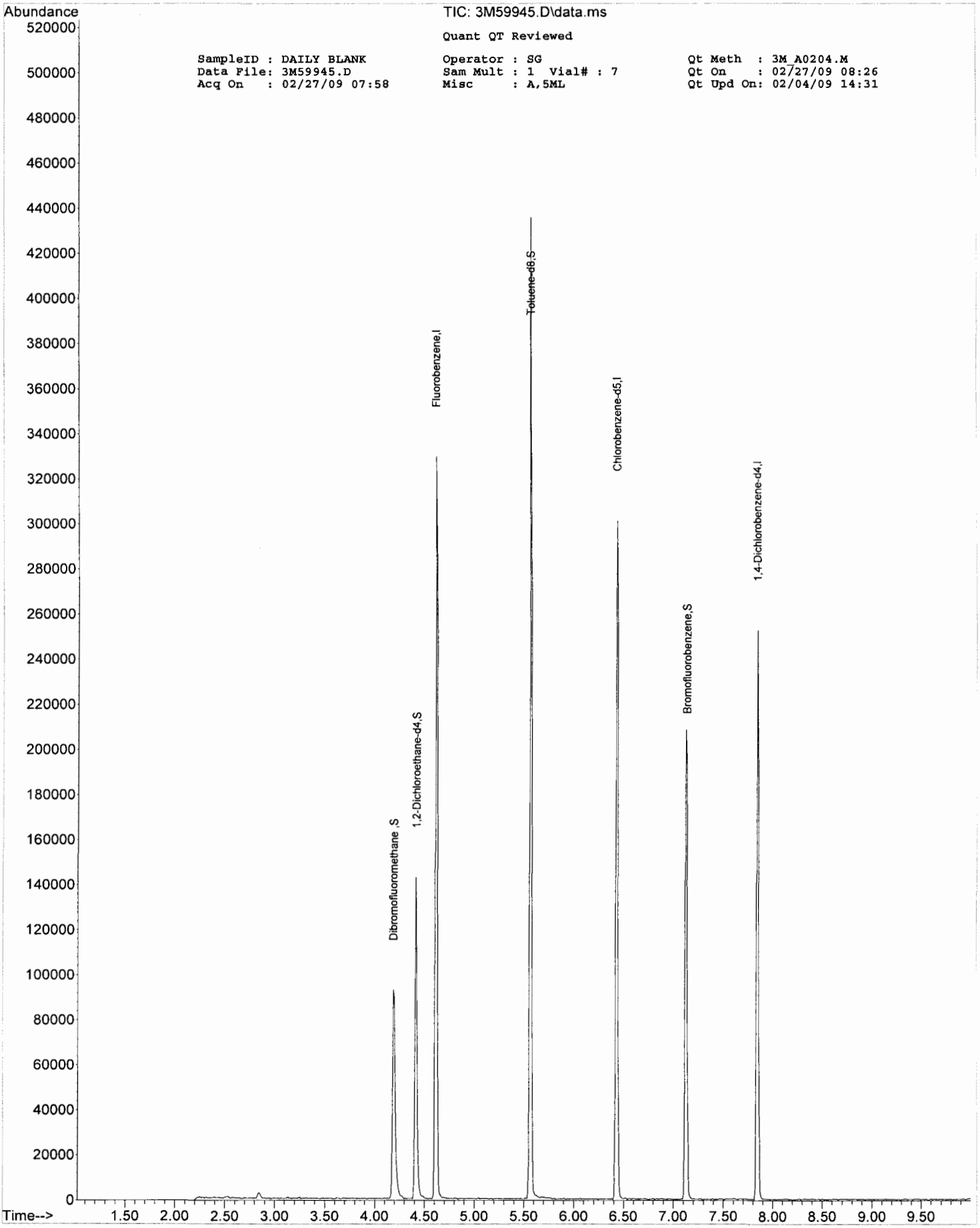
SampleID : DAILY BLANK Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59945.D Sam Mult : 1 Vial# : 7 Qt On : 02/27/09 08:26
Acq On : 02/27/09 07:58 Misc : A,5ML Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.611	96	192147	30.00	ug/l	-0.04
45) Chlorobenzene-d5	6.433	117	119044	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.842	152	52564	30.00	ug/l	-0.02
System Monitoring Compounds						
30) Dibromofluoromethane	4.188	111	55465	29.20	ug/l	-0.05
Spiked Amount 30.000			Recovery = 97.33%			
32) 1,2-Dichloroethane-d4	4.414	102	12192	30.04	ug/l	-0.04
Spiked Amount 30.000			Recovery = 100.13%			
56) Toluene-d8	5.567	100	111323	33.91	ug/l	-0.03
Spiked Amount 30.000			Recovery = 113.03%			
64) Bromofluorobenzene	7.133	174	48111	27.80	ug/l	-0.02
Spiked Amount 30.000			Recovery = 92.67%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed

AR


Abundance
TIC: 3M59945.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 3M59945.D
Acq On : 02/27/09 07:58
Operator : SG
Sam Mult : 1 Vial# : 7
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 08:26
Qt Upd On: 02/04/09 14:31
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59945.D
Acq On : 27 Feb 2009 7:58
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M59945.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.248	71	74	76	rBV	1681	5982	1.18%	0.240%
2	2.277	76	77	79	rVV	1377	2095	0.41%	0.084%
3	2.307	79	80	83	rVV2	1234	2481	0.49%	0.099%
4	2.376	83	87	88	rVV2	975	2773	0.55%	0.111%
5	2.395	88	89	91	rVV	1250	1833	0.36%	0.073%
6	2.445	92	94	96	rVV2	966	1978	0.39%	0.079%
7	2.474	96	97	98	rVV	845	872	0.17%	0.035%
8	2.533	101	103	105	rVV	1268	2314	0.46%	0.093%
9	2.583	105	108	112	rVV2	855	2651	0.52%	0.106%
10	2.651	114	115	116	rVV	604	492	0.10%	0.020%
11	2.671	116	117	119	rVV	358	505	0.10%	0.020%
12	2.701	119	120	123	rVV	567	824	0.16%	0.033%
13	2.760	123	126	129	rVV2	468	1101	0.22%	0.044%
14	2.799	129	130	132	rVV	303	444	0.09%	0.018%
15	2.839	132	134	138	rVV	2526	5082	1.00%	0.204%
16	2.888	138	139	142	rVB	362	425	0.08%	0.017%
17	2.937	142	144	147	rVB2	436	675	0.13%	0.027%
18	2.996	147	150	152	rBV2	383	881	0.17%	0.035%
19	3.036	152	154	156	rVB2	134	153	0.03%	0.006%
20	3.065	156	157	158	rVB	233	138	0.03%	0.006%
21	3.104	158	161	162	rBV	136	192	0.04%	0.008%
22	3.134	162	164	166	rBV2	694	606	0.12%	0.024%
23	3.164	166	167	168	rVB	246	145	0.03%	0.006%
24	3.193	168	170	172	rBV2	291	555	0.11%	0.022%
25	3.252	172	176	177	rVB	741	909	0.18%	0.036%
26	3.282	177	179	181	rBV2	259	303	0.06%	0.012%
27	3.311	181	182	185	rVB	252	324	0.06%	0.013%
28	3.361	185	187	189	rBV2	89	137	0.03%	0.005%
29	3.400	189	191	192	rBV	141	174	0.03%	0.007%
30	3.420	192	193	194	rVB	204	121	0.02%	0.005%
31	3.449	194	196	197	rVB	122	132	0.03%	0.005%
32	3.489	197	200	201	rBV	409	466	0.09%	0.019%
33	3.518	201	203	205	rBV	223	260	0.05%	0.010%
34	3.567	205	208	209	rVB2	384	579	0.11%	0.023%
35	3.597	209	211	212	rBV2	81	72	0.01%	0.003%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59945.D
Acq On : 27 Feb 2009 7:58
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

36	3.617	212	213	217	rVB2	421	780	0.15%	0.031%
37	3.695	219	221	222	rVB	396	330	0.07%	0.013%
38	3.715	222	223	226	rBV	313	346	0.07%	0.014%
39	3.774	226	229	230	rBV2	202	346	0.07%	0.014%
40	3.804	230	232	235	rVB2	196	324	0.06%	0.013%
41	3.843	235	236	237	rVB	161	95	0.02%	0.004%
42	3.883	237	240	241	rBV2	161	230	0.05%	0.009%
43	3.902	241	242	244	rVB	293	266	0.05%	0.011%
44	3.942	244	246	249	rBV2	207	443	0.09%	0.018%
45	3.991	249	251	252	rVB2	281	288	0.06%	0.012%
46	4.040	252	256	258	rBV2	230	627	0.12%	0.025%
47	4.070	258	259	261	rVB	166	137	0.03%	0.005%
48	4.099	261	262	264	rBV	221	271	0.05%	0.011%
49	4.188	268	271	282	rVB	92659	176637	34.88%	7.079%
50	4.306	282	283	284	rBV	422	281	0.06%	0.011%
51	4.336	284	286	289	rBV	252	600	0.12%	0.024%
52	4.375	289	290	291	rVB	89	53	0.01%	0.002%
53	4.414	291	294	304	rBV	142498	202051	39.90%	8.098%
54	4.523	304	305	307	rVB	328	234	0.05%	0.009%
55	4.562	307	309	311	rBV	254	324	0.06%	0.013%
56	4.611	311	314	318	rBV	329270	449534	88.78%	18.016%
57	4.759	327	329	331	rVB2	275	339	0.07%	0.014%
58	4.808	332	334	337	rVB2	674	1033	0.20%	0.041%
59	4.867	337	340	343	rBV2	483	1134	0.22%	0.045%
60	4.917	343	345	346	rBV	335	426	0.08%	0.017%
61	4.936	346	347	349	rBV	249	239	0.05%	0.010%
62	4.976	349	351	353	rVB2	221	198	0.04%	0.008%
63	5.005	353	354	355	rVB	196	116	0.02%	0.005%
64	5.045	355	358	360	rBV	465	516	0.10%	0.021%
65	5.084	360	362	363	rBV	134	173	0.03%	0.007%
66	5.104	363	364	366	rBV2	194	198	0.04%	0.008%
67	5.133	366	367	368	rVB	140	83	0.02%	0.003%
68	5.173	368	371	373	rVB2	305	509	0.10%	0.020%
69	5.232	373	377	378	rBV	376	763	0.15%	0.031%
70	5.261	378	380	382	rVB	158	191	0.04%	0.008%
71	5.311	383	385	387	rVB2	175	243	0.05%	0.010%
72	5.340	387	388	390	rVB2	264	257	0.05%	0.010%
73	5.370	390	391	393	rBV	178	290	0.06%	0.012%
74	5.409	393	395	396	rVB2	232	255	0.05%	0.010%
75	5.439	396	398	400	rBV2	282	444	0.09%	0.018%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59945.D
Acq On : 27 Feb 2009 7:58
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

76	5.468	400	401	403	rVB2	281	177	0.03%	0.007%
77	5.498	403	404	405	rBV	81	56	0.01%	0.002%
78	5.517	405	406	408	rBV	459	572	0.11%	0.023%
79	5.567	408	411	414	rBV	435255	506349	100.00%	20.293%
80	5.685	421	423	424	rBV	427	453	0.09%	0.018%
81	5.705	424	425	429	rVB3	378	396	0.08%	0.016%
82	5.764	429	431	434	rVB2	556	854	0.17%	0.034%
83	5.803	434	435	437	rVB	399	374	0.07%	0.015%
84	5.862	437	441	442	rBV2	334	638	0.13%	0.026%
85	5.902	444	445	448	rVB	453	375	0.07%	0.015%
86	5.941	448	449	451	rVB	347	372	0.07%	0.015%
87	5.980	451	453	455	rBV	445	738	0.15%	0.030%
88	6.010	455	456	460	rBV2	153	256	0.05%	0.010%
89	6.069	460	462	463	rVB	318	251	0.05%	0.010%
90	6.089	463	464	467	rBV2	224	277	0.05%	0.011%
91	6.148	467	470	471	rBV2	147	195	0.04%	0.008%
92	6.167	471	472	475	rVB2	148	243	0.05%	0.010%
93	6.207	475	476	478	rBV	164	193	0.04%	0.008%
94	6.236	478	479	480	rVB	320	189	0.04%	0.008%
95	6.256	480	481	483	rBV2	305	461	0.09%	0.018%
96	6.286	483	484	486	rVB2	78	85	0.02%	0.003%
97	6.335	486	489	492	rVB2	210	467	0.09%	0.019%
98	6.384	492	494	495	rVB	499	424	0.08%	0.017%
99	6.433	495	499	502	rBV	301101	419173	82.78%	16.799%
100	6.512	506	507	510	rVB	700	1131	0.22%	0.045%
101	6.561	510	512	514	rBV2	607	1118	0.22%	0.045%
102	6.611	514	517	520	rVB2	423	792	0.16%	0.032%
103	6.650	520	521	522	rVB	425	251	0.05%	0.010%
104	6.670	522	523	524	rBV	507	414	0.08%	0.017%
105	6.709	524	527	532	rVB2	446	1221	0.24%	0.049%
106	6.778	532	534	535	rBV	329	528	0.10%	0.021%
107	6.798	535	536	538	rVB	394	426	0.08%	0.017%
108	6.837	538	540	542	rBV2	349	659	0.13%	0.026%
109	6.877	542	544	545	rBV2	227	374	0.07%	0.015%
110	6.896	545	546	548	rVB	223	148	0.03%	0.006%
111	6.926	548	549	550	rVB	305	180	0.04%	0.007%
112	6.965	550	553	554	rBV	362	631	0.12%	0.025%
113	6.985	554	555	557	rVB	249	233	0.05%	0.009%
114	7.014	557	558	559	rVB	509	301	0.06%	0.012%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59945.D
Acq On : 27 Feb 2009 7:58
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

115	7.034	559	560	561	rBV	404	278	0.05%	0.011%
116	7.083	563	565	566	rBV	377	508	0.10%	0.020%
117	7.123	566	569	573	rBV	208147	299646	59.18%	12.009%
118	7.192	575	576	579	rVB2	196	285	0.06%	0.011%
119	7.241	579	581	582	rBV	66	67	0.01%	0.003%
120	7.280	584	585	586	rVB	423	250	0.05%	0.010%
121	7.330	586	590	591	rBV	392	742	0.15%	0.030%
122	7.359	591	593	595	rVB	381	583	0.12%	0.023%
123	7.389	595	596	599	rBV	508	666	0.13%	0.027%
124	7.428	599	600	601	rVB	354	209	0.04%	0.008%
125	7.477	601	605	608	rVB2	460	1352	0.27%	0.054%
126	7.527	608	610	611	rBV	366	610	0.12%	0.024%
127	7.546	611	612	613	rVB	128	76	0.02%	0.003%
128	7.576	613	615	617	rBV2	187	269	0.05%	0.011%
129	7.605	617	618	622	rVB	656	1049	0.21%	0.042%
130	7.664	622	624	626	rBV2	544	1004	0.20%	0.040%
131	7.694	626	627	628	rVB2	292	173	0.03%	0.007%
132	7.714	628	629	631	rBV2	280	377	0.07%	0.015%
133	7.753	631	633	635	rVB2	110	143	0.03%	0.006%
134	7.802	635	638	639	rVB2	175	289	0.06%	0.012%
135	7.842	639	642	646	rBV	252065	338348	66.82%	13.560%
136	7.911	648	649	651	rVB	206	139	0.03%	0.006%
137	7.940	651	652	653	rVB	197	116	0.02%	0.005%
138	7.960	653	654	656	rVB	339	361	0.07%	0.014%
139	7.989	656	657	662	rBV2	408	896	0.18%	0.036%
140	8.049	662	663	664	rBV	284	298	0.06%	0.012%
141	8.078	664	666	667	rBV2	66	68	0.01%	0.003%
142	8.127	667	671	673	rBV2	187	313	0.06%	0.013%
143	8.157	673	674	675	rVB	405	239	0.05%	0.010%
144	8.177	675	676	678	rBV	360	375	0.07%	0.015%
145	8.216	678	680	681	rVB	172	122	0.02%	0.005%
146	8.275	681	686	687	rVB	476	851	0.17%	0.034%
147	8.295	687	688	689	rBV	347	391	0.08%	0.016%
148	8.324	689	691	694	rVB2	199	375	0.07%	0.015%
149	8.364	694	695	696	rVB2	300	177	0.03%	0.007%
150	8.393	696	698	702	rBV2	334	834	0.16%	0.033%
151	8.472	702	706	707	rVB2	465	905	0.18%	0.036%
152	8.502	707	709	711	rVB	499	813	0.16%	0.033%
153	8.531	711	712	715	rBV	413	564	0.11%	0.023%

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59945.D
Acq On : 27 Feb 2009 7:58
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

154	8.571	715	716	719	rBV	252	505	0.10%	0.020%
155	8.610	719	720	721	rBV	168	101	0.02%	0.004%
156	8.649	721	724	725	rVB	473	770	0.15%	0.031%
157	8.689	725	728	732	rBV	515	1724	0.34%	0.069%
158	8.758	734	735	737	rVB2	143	118	0.02%	0.005%
159	8.797	737	739	740	rBV	236	284	0.06%	0.011%
160	8.836	740	743	745	rVB	388	832	0.16%	0.033%
161	8.866	745	746	747	rBV	396	384	0.08%	0.015%
162	8.915	749	751	753	rVB	465	592	0.12%	0.024%
163	8.945	753	754	756	rBV	468	712	0.14%	0.029%
164	8.974	756	757	759	rVV2	102	116	0.02%	0.005%
165	9.004	759	760	762	rVB	230	237	0.05%	0.009%
166	9.043	762	764	765	rBV	291	410	0.08%	0.016%
167	9.083	765	768	769	rVV	206	207	0.04%	0.008%
168	9.112	769	771	772	rVB2	299	335	0.07%	0.013%
169	9.132	772	773	775	rVB	486	487	0.10%	0.020%
170	9.161	775	776	779	rBV	353	541	0.11%	0.022%
171	9.211	779	781	782	rBV	141	177	0.03%	0.007%
172	9.230	782	783	785	rVB	458	504	0.10%	0.020%
173	9.270	785	787	789	rBV	463	730	0.14%	0.029%
174	9.329	789	793	796	rBV2	325	843	0.17%	0.034%
175	9.378	796	798	799	rBV	112	167	0.03%	0.007%
176	9.408	799	801	802	rVB	285	288	0.06%	0.012%
177	9.447	802	805	807	rBV2	377	905	0.18%	0.036%
178	9.477	807	808	810	rVB	391	371	0.07%	0.015%
179	9.516	810	812	814	rVB	348	476	0.09%	0.019%
180	9.546	814	815	818	rVB	397	486	0.10%	0.019%
181	9.605	818	821	822	rBV	541	612	0.12%	0.025%
182	9.624	822	823	825	rBV	296	396	0.08%	0.016%
183	9.654	825	826	828	rVV	201	204	0.04%	0.008%
184	9.693	828	830	832	rVV	204	338	0.07%	0.014%
185	9.742	832	835	836	rVB	395	570	0.11%	0.023%
186	9.762	836	837	838	rBV	262	225	0.04%	0.009%
187	9.792	838	840	843	rVB	344	651	0.13%	0.026%
188	9.831	843	844	846	rBV	324	313	0.06%	0.013%
189	9.871	846	848	849	rVV	305	443	0.09%	0.018%
190	9.890	849	850	852	rVV	370	538	0.11%	0.022%
191	9.930	852	854	856	rVB	411	575	0.11%	0.023%

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59945.D
Acq On : 27 Feb 2009 7:58
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

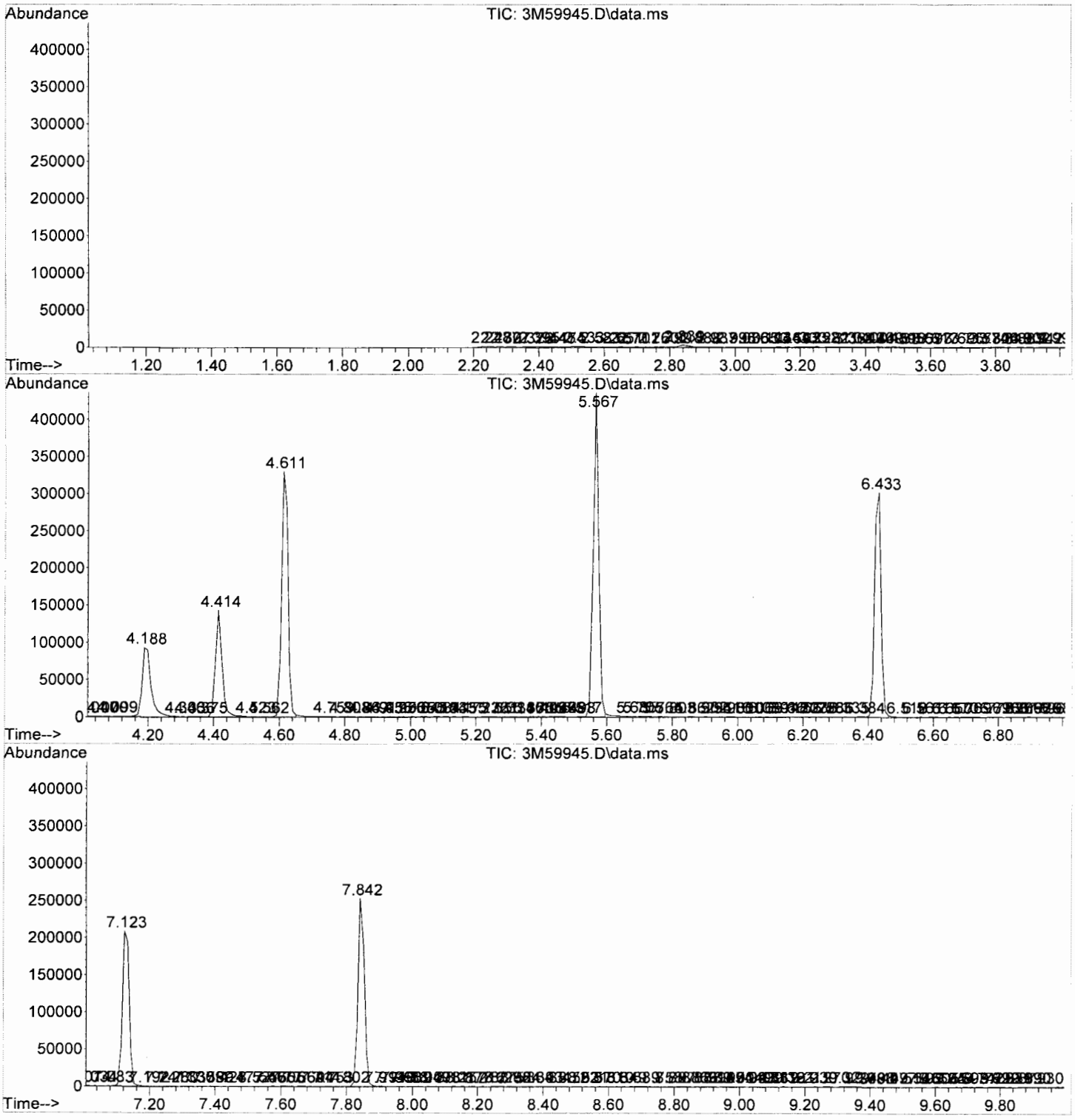
Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Title : @GCMS_3,ug,624,8260

Sum of corrected areas: 2495181

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59945.D
Acq On : 27 Feb 2009 7:58
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 7 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Data File : 3M59945.D
Acq On : 27 Feb 2009 7:58
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 7 Sample Multiplier: 1

Quant Method : G:\Gcmsdata\2009\GCMS_3\MethodQt\3M_A0204.M
Quant Title : @GCMS_3,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 6M38828.D
Analysis Date: 03/06/09 08:10
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	100-41-4	Ethylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	250	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-25-2	Bromoform	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
74-83-9	Bromomethane	1.0	U	75-01-4	Vinyl Chloride	1.0	U
75-15-0	Carbon Disulfide	1.0	U				

Worksheet #: 111066

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 6M38828.D
Analysis Date: 03/06/09 08:10
Date Rec/Extracted:

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 111066

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

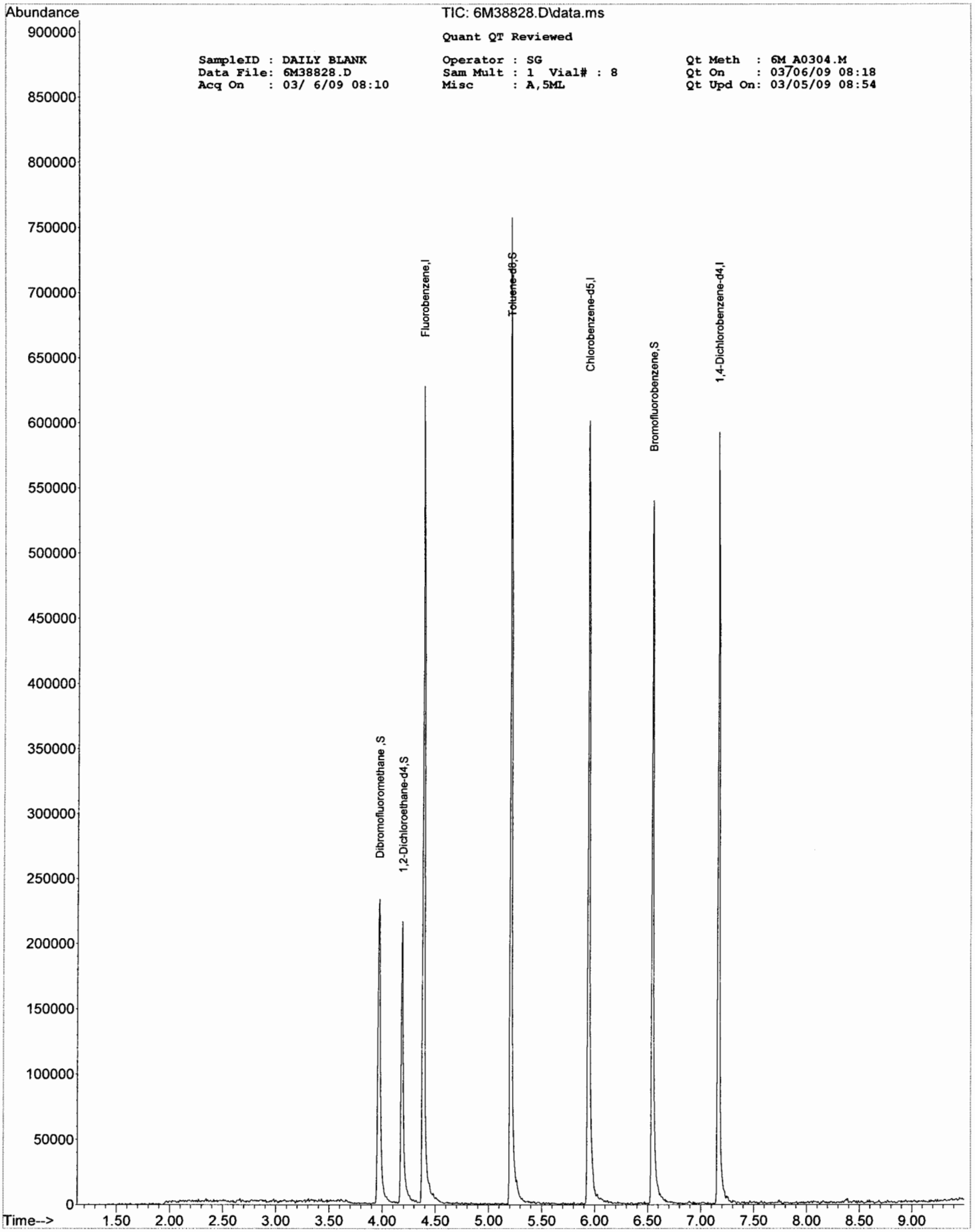
SampleID : DAILY BLANK Operator : SG Qt Meth : 6M_A0304.M
Data File: 6M38828.D Sam Mult : 1 Vial# : 8 Qt On : 03/06/09 08:18
Acq On : 03/ 6/09 08:10 Misc : A,5ML Qt Upd On: 03/05/09 08:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.385	96	355509	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.943	117	258731	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.164	152	131549	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.964	111	118094	28.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.23%			
32) 1,2-Dichloroethane-d4	4.187	67	60615	27.97	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.23%			
56) Toluene-d8	5.209	98	325411	28.80	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.00%			
64) Bromofluorobenzene	6.545	174	149955	30.13	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.43%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed

VCe


Abundance
TIC: 6M38828.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 6M38828.D
Acq On : 03/ 6/09 08:10
Operator : SG
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/06/09 08:18
Qt Upd On: 03/05/09 08:54
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38828.D
Acq On : 6 Mar 2009 8:10
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

Signal : TIC: 6M38828.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.166	5	7	8	rBB	278	190	0.02%	0.004%
2	1.206	13	14	15	rBB	278	96	0.01%	0.002%
3	1.223	15	17	18	rBB	311	211	0.02%	0.004%
4	1.304	30	31	33	rBB	333	203	0.02%	0.004%
5	1.321	33	34	36	rBB	279	96	0.01%	0.002%
6	1.431	50	53	56	rBB	549	704	0.08%	0.015%
7	1.460	57	58	59	rBB	558	193	0.02%	0.004%
8	1.471	59	60	61	rBB	795	275	0.03%	0.006%
9	1.489	62	63	64	rBB	259	90	0.01%	0.002%
10	1.500	64	65	66	rBB	302	104	0.01%	0.002%
11	1.517	66	68	69	rBB	516	275	0.03%	0.006%
12	1.529	69	70	72	rBB	1060	492	0.06%	0.010%
13	1.552	72	74	78	rBB	982	818	0.09%	0.017%
14	1.587	79	80	82	rBB	966	524	0.06%	0.011%
15	1.604	82	83	86	rBB	556	568	0.06%	0.012%
16	1.633	86	88	91	rBB	1015	1030	0.12%	0.022%
17	1.661	92	93	95	rBB	285	185	0.02%	0.004%
18	1.684	95	97	98	rBB	561	280	0.03%	0.006%
19	1.696	98	99	103	rBB	556	565	0.06%	0.012%
20	1.725	103	104	105	rBB	605	209	0.02%	0.004%
21	1.736	105	106	107	rBB	834	288	0.03%	0.006%
22	1.748	107	108	110	rBB	959	427	0.05%	0.009%
23	1.765	110	111	113	rBB	886	583	0.07%	0.012%
24	1.811	118	119	120	rBV	1240	516	0.06%	0.011%
25	1.829	120	122	124	rBV	426	469	0.05%	0.010%
26	1.846	124	125	126	rVB	845	292	0.03%	0.006%
27	1.863	126	128	129	rVB	267	119	0.01%	0.003%
28	1.875	129	130	131	rVB	850	294	0.03%	0.006%
29	1.898	131	134	137	rBB	866	959	0.11%	0.020%
30	1.967	140	144	147	rBV	2731	4845	0.55%	0.102%
31	1.997	147	149	153	rBV	1435	2035	0.23%	0.043%
32	2.027	153	154	157	rBV	1686	1909	0.22%	0.040%
33	2.082	161	163	164	rBV	1152	598	0.07%	0.013%
34	2.100	164	166	170	rBV	1685	2609	0.30%	0.055%
35	2.148	173	174	177	rBV	1377	1041	0.12%	0.022%

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38828.D
Acq On : 6 Mar 2009 8:10
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

36	2.172	177	178	179	rBV	1103	788	0.09%	0.017%
37	2.214	184	185	187	rVB	1354	936	0.11%	0.020%
38	2.274	194	195	197	rBV	2346	1256	0.14%	0.026%
39	2.346	204	207	208	rBV	2671	1936	0.22%	0.041%
40	2.358	208	209	211	rVV2	1522	1119	0.13%	0.024%
41	2.388	212	214	215	rVV	1677	956	0.11%	0.020%
42	2.406	215	217	218	rVV	753	446	0.05%	0.009%
43	2.418	218	219	220	rVV	2304	904	0.10%	0.019%
44	2.449	222	224	225	rVB	1546	854	0.10%	0.018%
45	2.509	232	234	235	rBV	1353	760	0.09%	0.016%
46	2.551	240	241	245	rVB	1345	921	0.10%	0.019%
47	2.581	245	246	248	rBV	1330	887	0.10%	0.019%
48	2.599	248	249	250	rVB	1840	664	0.08%	0.014%
49	2.635	253	255	256	rBV	2001	1594	0.18%	0.034%
50	2.665	259	260	262	rVB	2879	1367	0.16%	0.029%
51	2.689	262	264	267	rBV	1838	1952	0.22%	0.041%
52	2.719	267	269	270	rVB	1263	720	0.08%	0.015%
53	2.731	270	271	274	rBV	1448	1559	0.18%	0.033%
54	2.773	274	278	280	rBV	2051	2498	0.28%	0.053%
55	2.797	280	282	284	rBV	921	682	0.08%	0.014%
56	2.858	289	292	293	rBV	1263	1469	0.17%	0.031%
57	2.984	309	313	314	rVB	2583	2505	0.29%	0.053%
58	3.002	314	316	319	rVB	2210	2309	0.26%	0.049%
59	3.050	321	324	325	rBV	1719	1775	0.20%	0.037%
60	3.080	325	329	332	rVB	1979	2688	0.31%	0.057%
61	3.152	340	341	344	rBV	1699	1555	0.18%	0.033%
62	3.194	346	348	349	rBV	2400	1537	0.18%	0.032%
63	3.273	357	361	362	rVB	2363	2396	0.27%	0.050%
64	3.297	362	365	366	rBV	2087	1798	0.20%	0.038%
65	3.309	366	367	368	rVB	2590	935	0.11%	0.020%
66	3.333	368	371	372	rBV	1992	1806	0.21%	0.038%
67	3.405	381	383	385	rBV	1908	1233	0.14%	0.026%
68	3.429	385	387	389	rVB	2345	1264	0.14%	0.027%
69	3.447	389	390	391	rVB	1038	375	0.04%	0.008%
70	3.465	391	393	394	rBV	778	736	0.08%	0.015%
71	3.477	394	395	396	rVB	1994	720	0.08%	0.015%
72	3.513	400	401	403	rVV	1056	502	0.06%	0.011%
73	3.615	416	418	422	rVV	2062	2167	0.25%	0.046%
74	3.658	424	425	429	rVV	2455	2342	0.27%	0.049%
75	3.694	429	431	432	rVB	1028	742	0.08%	0.016%

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38828.D
Acq On : 6 Mar 2009 8:10
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

76	3.742	438	439	442	rBV	1083	690	0.08%	0.015%
77	3.784	444	446	447	rVB	1087	649	0.07%	0.014%
78	3.796	447	448	453	rBV	736	1221	0.14%	0.026%
79	3.832	453	454	455	rVB	540	207	0.02%	0.004%
80	3.916	464	468	471	rBV	1130	1689	0.19%	0.036%
81	3.970	471	477	487	rBV	233015	391818	44.64%	8.249%
82	4.133	503	504	506	rVB	1271	849	0.10%	0.018%
83	4.187	508	513	524	rBV	214734	307942	35.09%	6.483%
84	4.319	533	535	537	rVB	1896	1459	0.17%	0.031%
85	4.385	541	546	560	rBV	626805	790806	90.10%	16.650%
86	4.608	581	583	584	rVB2	714	339	0.04%	0.007%
87	4.650	588	590	592	rVB	1095	959	0.11%	0.020%
88	4.668	592	593	594	rBV	1431	716	0.08%	0.015%
89	4.692	594	597	598	rBV	638	473	0.05%	0.010%
90	4.704	598	599	601	rVB	1321	597	0.07%	0.013%
91	4.728	601	603	604	rVB	529	322	0.04%	0.007%
92	4.752	604	607	610	rVB	1403	1311	0.15%	0.028%
93	4.782	610	612	613	rBV	1361	1028	0.12%	0.022%
94	4.794	613	614	617	rVB	428	310	0.04%	0.007%
95	4.837	620	621	624	rBV	1376	1154	0.13%	0.024%
96	4.879	627	628	635	rVB	638	628	0.07%	0.013%
97	4.927	635	636	638	rVB	1164	421	0.05%	0.009%
98	4.951	638	640	641	rBV	709	524	0.06%	0.011%
99	4.969	641	643	646	rVB	791	641	0.07%	0.013%
100	5.005	646	649	653	rBV	648	937	0.11%	0.020%
101	5.041	653	655	656	rVB	676	373	0.04%	0.008%
102	5.065	658	659	661	rBV	918	584	0.07%	0.012%
103	5.095	661	664	666	rVB	656	604	0.07%	0.013%
104	5.119	666	668	669	rVB	487	325	0.04%	0.007%
105	5.131	669	670	672	rBV	1002	759	0.09%	0.016%
106	5.209	679	683	700	rBV	756048	877679	100.00%	18.479%
107	5.360	706	708	709	rBV	783	786	0.09%	0.017%
108	5.426	717	719	720	rVB	1206	704	0.08%	0.015%
109	5.462	723	725	730	rVB2	1336	1894	0.22%	0.040%
110	5.522	732	735	737	rVB	1584	1277	0.15%	0.027%
111	5.540	737	738	741	rBV	1209	1271	0.14%	0.027%
112	5.564	741	742	744	rVB	1084	707	0.08%	0.015%
113	5.594	746	747	749	rBV	760	551	0.06%	0.012%
114	5.643	753	755	756	rVB	697	411	0.05%	0.009%

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38828.D
Acq On : 6 Mar 2009 8:10
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

115	5.661	756	758	759	rVB	301	182	0.02%	0.004%
116	5.685	759	762	764	rBV	612	713	0.08%	0.015%
117	5.703	764	765	768	rVB	1303	882	0.10%	0.019%
118	5.727	768	769	771	rBV	815	393	0.04%	0.008%
119	5.751	771	773	776	rVB	778	815	0.09%	0.017%
120	5.775	776	777	778	rBV	946	395	0.05%	0.008%
121	5.793	778	780	781	rVB	499	318	0.04%	0.007%
122	5.805	781	782	784	rVB	1893	1255	0.14%	0.026%
123	5.823	784	785	786	rBV	482	280	0.03%	0.006%
124	5.847	786	789	791	rBV	804	868	0.10%	0.018%
125	5.865	791	792	793	rBV	498	211	0.02%	0.004%
126	5.877	793	794	796	rVB	1271	897	0.10%	0.019%
127	5.943	800	805	817	rBV	600742	776860	88.51%	16.356%
128	6.100	830	831	832	rVB	1421	513	0.06%	0.011%
129	6.118	832	834	836	rVB2	1739	1429	0.16%	0.030%
130	6.142	836	838	840	rBV2	797	745	0.08%	0.016%
131	6.190	844	846	848	rVB	793	666	0.08%	0.014%
132	6.220	848	851	852	rBV2	1364	789	0.09%	0.017%
133	6.232	852	853	858	rVB	808	1015	0.12%	0.021%
134	6.268	858	859	863	rVB	1055	1000	0.11%	0.021%
135	6.304	863	865	866	rBV	654	416	0.05%	0.009%
136	6.316	866	867	869	rVB	1282	504	0.06%	0.011%
137	6.352	869	873	876	rBV	1234	1624	0.19%	0.034%
138	6.388	876	879	882	rBV	596	705	0.08%	0.015%
139	6.412	882	883	884	rBV	1198	555	0.06%	0.012%
140	6.431	884	886	889	rVB	1076	1067	0.12%	0.022%
141	6.461	889	891	892	rVB	791	340	0.04%	0.007%
142	6.473	892	893	894	rVB	2016	728	0.08%	0.015%
143	6.485	894	895	896	rBV	632	299	0.03%	0.006%
144	6.503	896	898	899	rVB	852	421	0.05%	0.009%
145	6.545	900	905	919	rBV	538798	689739	78.59%	14.522%
146	6.725	934	935	938	rVB2	1394	1189	0.14%	0.025%
147	6.749	938	939	941	rBV2	704	557	0.06%	0.012%
148	6.791	945	946	947	rBV	924	368	0.04%	0.008%
149	6.809	947	949	952	rVB	726	810	0.09%	0.017%
150	6.834	952	953	954	rVB	984	355	0.04%	0.007%
151	6.858	954	957	959	rBV	1105	1227	0.14%	0.026%
152	6.894	959	963	968	rVB3	2338	3336	0.38%	0.070%
153	6.930	968	969	970	rVB3	1925	694	0.08%	0.015%

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38828.D
Acq On : 6 Mar 2009 8:10
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

154	6.960	972	974	975	rBV	351	275	0.03%	0.006%
155	6.972	975	976	978	rVB	744	523	0.06%	0.011%
156	6.990	978	979	981	rBV	867	562	0.06%	0.012%
157	7.014	981	983	988	rVB2	1086	1901	0.22%	0.040%
158	7.068	991	992	993	rVB	1378	497	0.06%	0.010%
159	7.086	993	995	998	rVB	799	666	0.08%	0.014%
160	7.122	998	1001	1004	rBV	882	1174	0.13%	0.025%
161	7.164	1004	1008	1020	rBV	591593	693874	79.06%	14.609%
162	7.303	1030	1031	1032	rBV	1943	1084	0.12%	0.023%
163	7.351	1037	1039	1043	rBV	1744	2383	0.27%	0.050%
164	7.393	1043	1046	1048	rBV	1381	1446	0.16%	0.030%
165	7.411	1048	1049	1050	rVB	1927	696	0.08%	0.015%
166	7.429	1050	1052	1053	rBV	978	775	0.09%	0.016%
167	7.465	1056	1058	1060	rBV	2191	1867	0.21%	0.039%
168	7.531	1067	1069	1072	rVB	1730	1735	0.20%	0.037%
169	7.573	1072	1076	1078	rBV	2313	2999	0.34%	0.063%
170	7.603	1079	1081	1082	rVV	1550	907	0.10%	0.019%
171	7.622	1082	1084	1085	rVV	617	468	0.05%	0.010%
172	7.640	1085	1087	1088	rVV	717	582	0.07%	0.012%
173	7.658	1088	1090	1091	rVB	1201	756	0.09%	0.016%
174	7.670	1091	1092	1097	rBV2	1267	1852	0.21%	0.039%
175	7.706	1097	1098	1099	rVV2	968	598	0.07%	0.013%
176	7.742	1101	1104	1106	rVV	2556	2583	0.29%	0.054%
177	7.760	1106	1107	1111	rVB	2055	1234	0.14%	0.026%
178	7.790	1111	1112	1114	rBV	1433	1236	0.14%	0.026%
179	7.850	1121	1122	1124	rVB	1108	644	0.07%	0.014%
180	7.868	1124	1125	1126	rBV	1071	687	0.08%	0.014%
181	7.910	1130	1132	1133	rVB	2174	1338	0.15%	0.028%
182	7.934	1133	1136	1138	rBV2	1655	1974	0.22%	0.042%
183	7.952	1138	1139	1140	rBV2	1076	441	0.05%	0.009%
184	7.970	1140	1142	1143	rVB	1396	753	0.09%	0.016%
185	7.982	1143	1144	1147	rBV	958	1034	0.12%	0.022%
186	8.012	1147	1149	1151	rVB	1202	1047	0.12%	0.022%
187	8.049	1151	1155	1156	rBV	1499	1648	0.19%	0.035%
188	8.067	1156	1158	1159	rBV	1836	1405	0.16%	0.030%
189	8.109	1164	1165	1168	rVB	1787	1022	0.12%	0.022%
190	8.139	1168	1170	1171	rBV	1587	903	0.10%	0.019%
191	8.157	1171	1173	1176	rVB	1543	1380	0.16%	0.029%
192	8.211	1181	1182	1183	rBV	925	351	0.04%	0.007%

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38828.D
Acq On : 6 Mar 2009 8:10
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Title : @GCMS_6,ug,624,8260

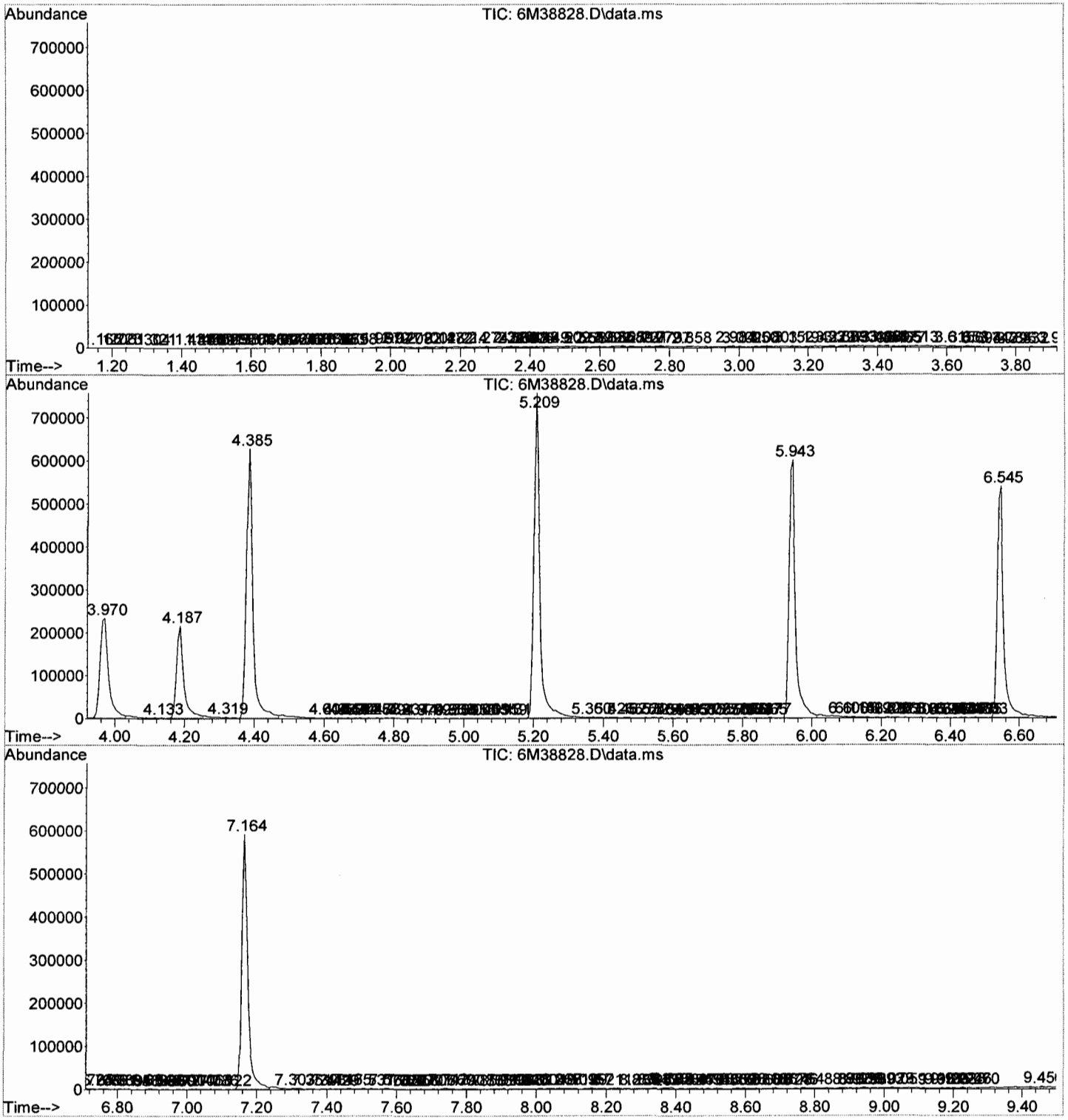
193	8.289	1193	1195	1197	rBV	979	842	0.10%	0.018%
194	8.325	1199	1201	1202	rBV	1000	607	0.07%	0.013%
195	8.343	1202	1204	1205	rBV	1482	1049	0.12%	0.022%
196	8.373	1205	1209	1210	rVV2	2942	3432	0.39%	0.072%
197	8.385	1210	1211	1213	rVV	3504	2537	0.29%	0.053%
198	8.415	1213	1216	1218	rVV	1221	1074	0.12%	0.023%
199	8.446	1218	1221	1225	rVV2	1627	2371	0.27%	0.050%
200	8.476	1225	1226	1227	rVB	2031	733	0.08%	0.015%
201	8.494	1227	1229	1230	rBV	2193	1432	0.16%	0.030%
202	8.518	1231	1233	1238	rVB	2004	2213	0.25%	0.047%
203	8.566	1238	1241	1242	rBV2	810	1014	0.12%	0.021%
204	8.578	1242	1243	1244	rVV2	1885	771	0.09%	0.016%
205	8.596	1244	1246	1247	rVB	2328	1067	0.12%	0.022%
206	8.608	1247	1248	1250	rBV	1208	854	0.10%	0.018%
207	8.668	1254	1258	1259	rBV	1150	1473	0.17%	0.031%
208	8.686	1259	1261	1265	rVB3	2551	2438	0.28%	0.051%
209	8.728	1265	1268	1269	rBV	790	865	0.10%	0.018%
210	8.746	1269	1271	1273	rVB	1150	598	0.07%	0.013%
211	8.764	1273	1274	1276	rBV	2019	1542	0.18%	0.032%
212	8.879	1290	1293	1294	rBV	1202	1205	0.14%	0.025%
213	8.903	1296	1297	1298	rBV	1649	687	0.08%	0.014%
214	8.921	1298	1300	1301	rVV	958	628	0.07%	0.013%
215	8.939	1301	1303	1306	rVB	2050	1953	0.22%	0.041%
216	8.969	1306	1308	1310	rBV2	1094	1356	0.15%	0.029%
217	8.993	1310	1312	1313	rVV2	1098	623	0.07%	0.013%
218	9.023	1315	1317	1321	rVB2	1707	2083	0.24%	0.044%
219	9.059	1321	1323	1324	rBV	1326	588	0.07%	0.012%
220	9.113	1331	1332	1334	rBV2	1465	815	0.09%	0.017%
221	9.167	1339	1341	1342	rBV	1808	767	0.09%	0.016%
222	9.185	1342	1344	1345	rBV2	1913	1171	0.13%	0.025%
223	9.203	1345	1347	1348	rVB2	1167	684	0.08%	0.014%
224	9.228	1348	1351	1352	rBV2	1920	1267	0.14%	0.027%
225	9.246	1352	1354	1356	rBV	1980	848	0.10%	0.018%
226	9.270	1356	1358	1359	rBV	1166	747	0.09%	0.016%
227	9.456	1387	1389	1392	rBV3	1800	1515	0.17%	0.032%

Sum of corrected areas: 4749669

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38828.D
Acq On : 6 Mar 2009 8:10
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Data File : 6M38828.D
Acq On : 6 Mar 2009 8:10
Operator : SG
Sample : DAILY BLANK
Misc : A,5ML
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_6\MethodQt\6M_A0304.M
Quant Title : @GCMS_6,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

FORM 3

Spike Recovery

Batch Number: MBS11412
Mbs Name: MBS11412
Ns Name: AC42901-001
Ms Name: AC42901-001(MS)
Msd Name: AC42901-001(MSD

Mbs File: 3M59947.D
Non Spk'd File: 3M59846.D
Spike File: 3M59971.D
Spike Dup File: 3M59982.D
Matrix: Aqueous
Method: EPA 624

Mbs Date: 02/27/09 08:33
Non Spk'd Date: 02/25/09 12:18
Spike Date : 02/27/09 15:33
Spike Dup Date: 02/27/09 18:59

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Chloromethane	4	1	0	20	1	273	66	19.72	0.00	23.98	17.00	99	120	85	34
Bromomethane	5	1	0	20	1	242	42	21.36	0.00	23.87	14.62	107	119	73	48Rp
Vinyl Chloride	6	1	0	20	1	251	30	14.95	0.00	18.78	11.75	75	94	59	46Rp
Chloroethane	7	1	0	20	14	230	50	21.08	0.00	29.67	18.00	105	148	90	49
Trichlorofluoromethan	8	1	0	20	17	181	41	17.65	0.00	36.53	25.78	88	183 Mo	129	35
Methylene Chloride	10	1	0	20	1	221	38	18.41	0.00	20.20	17.46	92	101	87	15
1,1-Dichloroethene	19	1	0	20	1	234	34	15.95	0.00	16.96	12.58	80	85	63	30
1,1-Dichloroethane	22	1	0	20	59	155	30	16.93	0.00	17.88	14.01	85	89	70	24
trans-1,2-Dichloroeth	23	1	0	20	54	156	48	19.46	0.00	20.96	16.12	97	105	81	26
Chloroform	29	1	0	20	51	138	37	17.91	0.00	19.13	15.92	90	96	80	18
1,2-Dichloroethane	33	1	0	20	49	155	34	18.74	0.00	19.62	17.35	94	98	87	12
1,1,1-Trichloroethane	35	1	0	20	52	162	33	18.08	0.00	19.93	13.58	90	100	68	38Rp
Carbon Tetrachloride	36	1	0	20	70	140	32	24.05	0.00	26.48	18.36	120	132	92	36Rp
Bromodichloromethan	38	1	0	20	35	155	30	17.18	0.00	18.79	13.93	86	94	70	30
1,2-Dichloropropane	41	1	0	20	1	210	30	16.85	0.00	16.45	15.33	84	82	77	7
Trichloroethene	42	1	0	20	71	157	30	17.62	0.00	17.93	14.14	88	90	71	24
Benzene	43	1	0	20	37	151	29	19.28	0.00	19.49	17.20	96	97	86	12
Dibromochloromethan	46	1	0	20	53	149	30	14.00	0.00	15.67	11.09	70	78	55	34Rp
2-Chloroethylvinylethe	47	1	0	20	1	305	40	10.04	0.00	9.79	8.60	50	49	43	13
cis-1,3-Dichloroprope	48	1	0	20	1	227	34	13.09	0.00	14.27	10.13	65	71	51	34
trans-1,3-Dichloropro	49	1	0	20	17	183	31	11.54	0.00	12.95	8.38	58	65	42	43Rp
1,1,2-Trichloroethane	50	1	0	20	52	150	37	18.00	0.00	18.85	16.54	90	94	83	13
Tetrachloroethene	55	1	0	20	64	148	27	18.28	0.00	18.04	15.12	91	90	76	18
Toluene	57	1	0	20	47	150	33	20.30	0.00	21.12	17.60	101	106	88	18
Chlorobenzene	59	1	0	20	37	160	30	18.67	0.00	19.03	16.49	93	95	82	14
Bromoform	61	1	0	20	45	169	30	14.95	0.00	16.31	12.21	75	82	61	29
Ethylbenzene	62	1	0	20	37	162	41	22.64	0.00	23.28	15.93	113	116	80	37
1,1,2,2-Tetrachloroeth	63	1	0	20	46	157	29	17.86	0.00	19.10	16.10	89	96	81	17
1,3-Dichlorobenzene	69	1	0	20	59	156	30	19.25	0.00	18.51	16.36	96	93	82	12
1,4-Dichlorobenzene	70	1	0	20	18	190	30	18.30	0.00	17.79	15.59	91	89	78	13
1,2-Dichlorobenzene	71	1	0	20	18	190	34	18.35	0.00	17.69	16.07	92	88	80	9.6

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 3M59947.D
Acq On : 02/27/09 08:33

Operator : SG
Sam Mult : 1 Vial# : 9
Misc : A,5ML

Qt Meth : 3M_A0204.M
Qt On : 02/27/09 09:45
Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.621	96	191222	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.433	117	142734	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.851	152	58752	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.198	111	55818	29.52	ug/l	-0.04
Spiked Amount 30.000			Recovery = 98.40%			
32) 1,2-Dichloroethane-d4	4.414	102	12690	31.42	ug/l	-0.04
Spiked Amount 30.000			Recovery = 104.73%			
56) Toluene-d8	5.566	100	119612	30.39	ug/l	-0.03
Spiked Amount 30.000			Recovery = 101.30%			
64) Bromofluorobenzene	7.132	174	53949	27.89	ug/l	-0.02
Spiked Amount 30.000			Recovery = 92.97%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.428	51	44214	12.20	ug/l	54
3) Dichlorodifluoromethane	1.378	85	35731	14.12	ug/l	94
4) Chloromethane	1.561	50	30008	19.72	ug/l	88
5) Bromomethane	1.828	94	7849	21.36	ug/l	98
6) Vinyl Chloride	1.594	62	24858	14.95	ug/l	96
7) Chloroethane	1.895	64	12273	21.08	ug/l	98
8) Trichlorofluoromethane	2.095	101	27073	17.65	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.474	101	24098	19.95	ug/l	93
10) Methylene Chloride	2.848	84	36439	18.41	ug/l	87
11) Acrolein	2.405	56	23645	92.38	ug/l	96
12) Acrylonitrile	3.045	53	16800	17.56	ug/l	85
13) Iodomethane	2.602	142	39051	16.01	ug/l	84
14) Acetone	2.523	43	85770	86.90	ug/l	97
15) Carbon Disulfide	2.661	76	98832	16.56	ug/l	100
16) t-Butyl Alcohol	2.927	59	8693	49.83	ug/l	98
17) n-Hexane	3.252	57	17842	16.10	ug/l	76
18) Di-isopropyl-ether	3.429	45	158402	16.42	ug/l	82
19) 1,1-Dichloroethene	2.474	61	56698	15.95	ug/l	88
20) Methyl Acetate	2.760	43	48963	17.92	ug/l	100
21) Methyl-t-butyl ether	3.055	73	58042	16.06	ug/l	81
22) 1,1-Dichloroethane	3.400	63	66341	16.93	ug/l	98
23) trans-1,2-Dichloroethene	3.055	96	31607	19.46	ug/l	98
24) cis-1,2-Dichloroethene	3.863	61	65574	16.65	ug/l	89
25) Bromochloromethane	4.030	49	47042	16.48	ug/l	98
26) 2,2-Dichloropropane	3.863	77	27523	15.73	ug/l	93
27) 1,4-Dioxane	5.054	88	23002	889.20	ug/l	63
28) 1,1-Dichloropropene	4.316	75	51862	18.50	ug/l	99
29) Chloroform	4.079	83	64115	17.91	ug/l	98
31) Cyclohexane	4.247	56	46331	16.22	ug/l	86
33) 1,2-Dichloroethane	4.463	62	65606	18.74	ug/l	100
34) 2-Butanone	3.863	43	27382	16.27	ug/l	77
35) 1,1,1-Trichloroethane	4.207	97	43349	18.08	ug/l	97
36) Carbon Tetrachloride	4.316	117	38390	24.05	ug/l	94
37) Vinyl Acetate	3.419	43	137151	14.57	ug/l	100
38) Bromodichloromethane	5.143	83	51203	17.18	ug/l	99
39) Methylcyclohexane	4.956	83	30114	18.41	ug/l	88
40) Dibromomethane	5.064	174	30623	16.06	ug/l	91
41) 1,2-Dichloropropane	4.985	63	44210	16.85	ug/l	96
42) Trichloroethene	4.838	130	36677	17.62	ug/l	90
43) Benzene	4.454	78	151277	19.28	ug/l	100
44) tert-Amyl methyl ether	4.503	73	53118	14.20	ug/l	82
46) Dibromochloromethane	6.088	129	36485	14.00	ug/l	97
47) 2-Chloroethylvinylether	5.301	63	18544	10.04	ug/l	83
48) cis-1,3-Dichloropropene	5.409	75	50430	13.09	ug/l	100
49) trans-1,3-Dichloropropene	5.724	75	41799	11.54	ug/l	97
50) 1,1,2-Trichloroethane	5.842	97	34693	18.00	ug/l	93
51) 1,2-Dibromoethane	6.167	107	39190	16.54	ug/l	98
52) 1,3-Dichloropropane	5.951	76	67997	18.52	ug/l	95
53) 4-Methyl-2-Pentanone	5.488	43	55603	11.72	ug/l	99
54) 2-Hexanone	5.970	43	38745	11.30	ug/l	97
55) Tetrachloroethene	5.941	164	27376	18.28	ug/l	99
57) Toluene	5.606	92	89556	20.30	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.492	133	31527	21.22	ug/l	100
59) Chlorobenzene	6.453	112	91944	18.67	ug/l	99
61) Bromoform	6.955	173	20025	14.95	ug/l	98
62) Ethylbenzene	6.492	106	31048	22.64	ug/l	71
63) 1,1,2,2-Tetrachloroethane	7.192	83	45131	17.86	ug/l	90
65) Styrene	6.807	104	85400	21.37	ug/l	91
66) m&p-Xylenes	6.561	106	103887	51.51	ug/l	88

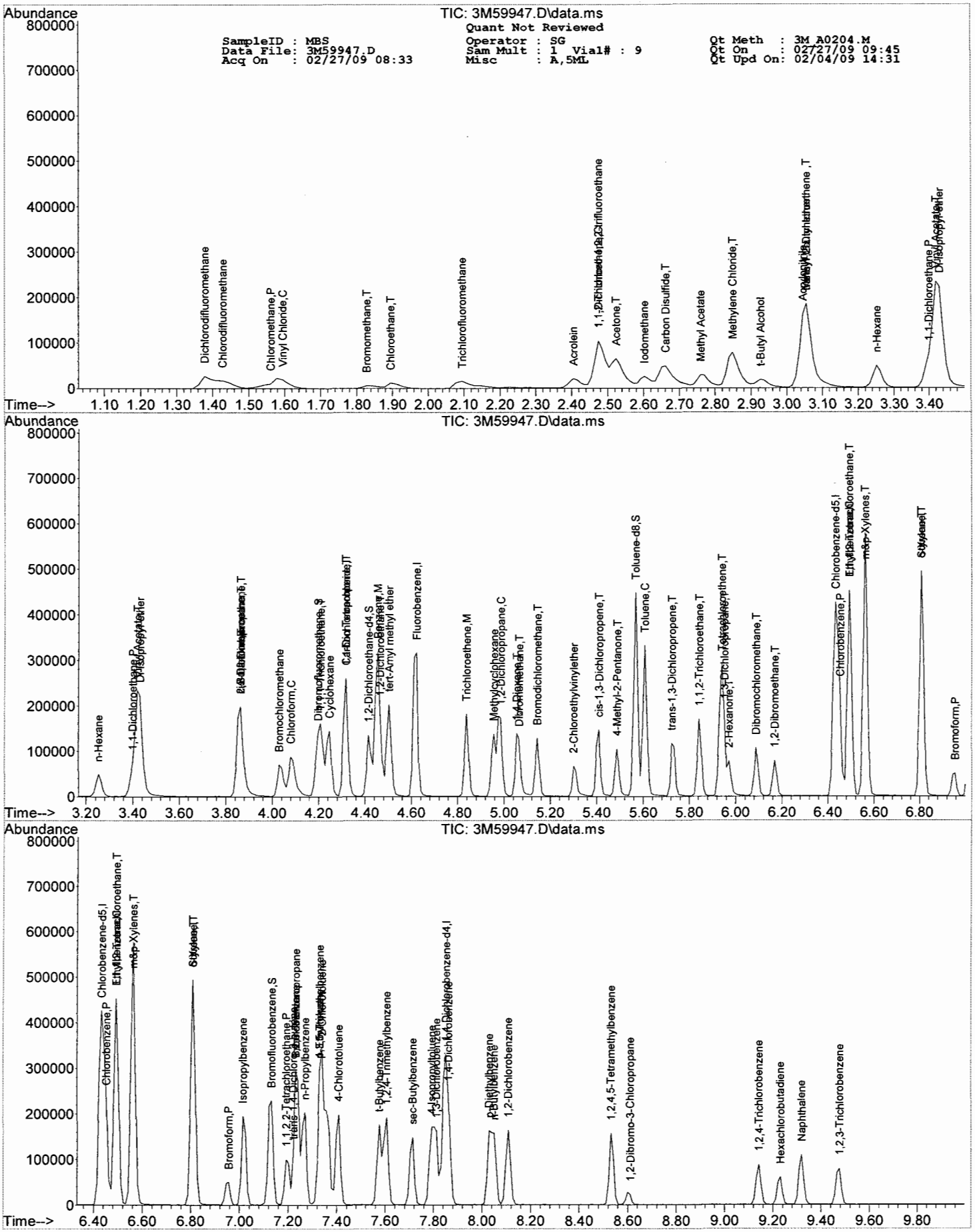
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59947.D Sam Mult : 1 Vial# : 9 Qt On : 02/27/09 09:45
Acq On : 02/27/09 08:33 Misc : A,5ML Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.807	106	46666	22.19	ug/l	73
68) trans-1,4-Dichloro-2-b...	7.221	53	17757	19.70	ug/l	53
69) 1,3-Dichlorobenzene	7.812	146	53496	19.25	ug/l	96
70) 1,4-Dichlorobenzene	7.861	146	54792	18.30	ug/l	93
71) 1,2-Dichlorobenzene	8.107	146	53096	18.35	ug/l	98
72) Isopropylbenzene	7.014	105	95595	19.46	ug/l	96
74) 1,2,3-Trichloropropane	7.231	75	48466	18.05	ug/l	96
75) 2-Chlorotoluene	7.339	91	73568	21.56	ug/l	95
76) p-Ethyltoluene	7.329	105	113207	22.77	ug/l	92
77) 4-Chlorotoluene	7.408	91	70368	20.56	ug/l	99
78) n-Propylbenzene	7.270	91	126640	21.11	ug/l	97
79) Bromobenzene	7.231	77	82424	20.23	ug/l	83
80) 1,3,5-Trimethylbenzene	7.329	105	113207	38.46	ug/l	67
81) t-Butylbenzene	7.576	119	65369	20.18	ug/l	91
82) 1,2,4-Trimethylbenzene	7.605	105	85335	21.27	ug/l	95
83) sec-Butylbenzene	7.714	105	78380	19.25	ug/l	93
84) 4-Isopropyltoluene	7.792	119	60915	19.36	ug/l	97
85) n-Butylbenzene	8.048	91	78113	19.94	ug/l	95
86) p-Diethylbenzene	8.029	119	38618	19.76	ug/l	92
87) 1,2,4,5-Tetramethylben...	8.531	119	65867	22.62	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.610	157	5728	9.19	ug/l	79
89) Hexachlorobutadiene	9.230	225	11651	13.31	ug/l	97
90) 1,2,4-Trichlorobenzene	9.142	180	23686	15.58	ug/l	98
91) 1,2,3-Trichlorobenzene	9.476	180	23719	15.57	ug/l	99
92) Naphthalene	9.319	128	73762	18.31	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M59947.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 3M59947.D
Acq On : 02/27/09 08:33
Operator : SG
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 09:45
Qt Upd On: 02/04/09 14:31
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42901-001(MS) Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59971.D Sam Mult : 1 Vial# : 43 Qt On : 02/27/09 15:58
Acq On : 02/27/09 15:33 Misc : A,5ML!2 Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.612	96	118912	30.00	ug/l	-0.04
45) Chlorobenzene-d5	6.434	117	85239	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.852	152	41821	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.178	111	36495	31.04	ug/l	-0.06
Spiked Amount 30.000			Recovery = 103.47%			
32) 1,2-Dichloroethane-d4	4.405	102	7562	30.11	ug/l	-0.05
Spiked Amount 30.000			Recovery = 100.37%			
56) Toluene-d8	5.567	100	72843	30.99	ug/l	-0.03
Spiked Amount 30.000			Recovery = 103.30%			
64) Bromofluorobenzene	7.133	174	36983	26.86	ug/l	-0.02
Spiked Amount 30.000			Recovery = 89.53%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.392	51	23713	10.52	ug/l	55
3) Dichlorodifluoromethane	1.342	85	24873	15.81	ug/l	94
4) Chloromethane	1.525	50	22687	23.98	ug/l	83
5) Bromomethane	1.808	94	5454	23.87	ug/l	94
6) Vinyl Chloride	1.558	62	19414	18.78	ug/l	97
7) Chloroethane	1.875	64	10423	29.67	ug/l	98
8) Trichlorofluoromethane	2.058	101	34850	36.53	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.445	101	16740	22.29	ug/l	88
10) Methylene Chloride	2.819	84	24864	20.20	ug/l	82
11) Acrolein	2.376	56	15357	96.48	ug/l	88
12) Acrylonitrile	3.016	53	10970	18.44	ug/l	98
13) Iodomethane	2.573	142	22139	14.60	ug/l	87
14) Acetone	2.494	43	52784	86.00	ug/l	97
15) Carbon Disulfide	2.632	76	75410	20.32	ug/l	100
16) t-Butyl Alcohol	2.898	59	6360	58.63	ug/l	79
17) n-Hexane	3.233	57	10155	14.74	ug/l	71
18) Di-isopropyl-ether	3.410	45	98224	16.37	ug/l	82
19) 1,1-Dichloroethene	2.455	61	37495	16.96	ug/l	90
21) Methyl-t-butyl ether	3.026	73	36649	16.31	ug/l	86
22) 1,1-Dichloroethane	3.381	63	43592	17.88	ug/l	95
23) trans-1,2-Dichloroethene	3.036	96	21170	20.96	ug/l	94
24) cis-1,2-Dichloroethene	3.844	61	41161	16.81	ug/l	95
25) Bromochloromethane	4.021	49	30314	17.07	ug/l	85
26) 2,2-Dichloropropane	3.844	77	18150	16.68	ug/l	95
27) 1,4-Dioxane	5.055	88	14818	921.17	ug/l	84
28) 1,1-Dichloropropene	4.306	75	34623	19.86	ug/l	99
29) Chloroform	4.070	83	42577	19.13	ug/l	97
31) Cyclohexane	4.228	56	28143	15.85	ug/l	84
33) 1,2-Dichloroethane	4.454	62	42726	19.62	ug/l	95
34) 2-Butanone	3.853	43	17622	16.84	ug/l	87
35) 1,1,1-Trichloroethane	4.198	97	29723	19.93	ug/l	96
36) Carbon Tetrachloride	4.306	117	26276	26.48	ug/l	93
37) Vinyl Acetate	3.400	43	87108	14.88	ug/l	100
38) Bromodichloromethane	5.134	83	34815	18.79	ug/l	99
39) Methylcyclohexane	4.947	83	17513	17.22	ug/l	92
40) Dibromomethane	5.055	174	18590	15.68	ug/l	93
41) 1,2-Dichloropropane	4.976	63	26844	16.45	ug/l	95
42) Trichloroethene	4.828	130	23201	17.93	ug/l	86
43) Benzene	4.444	78	95129	19.49	ug/l	100
44) tert-Amyl methyl ether	4.494	73	30414	13.08	ug/l	84
46) Dibromochloromethane	6.089	129	24381	15.67	ug/l	99
47) 2-Chloroethylvinylether	5.301	63	10795	9.79	ug/l	87
48) cis-1,3-Dichloropropene	5.400	75	32832	14.27	ug/l	92
49) trans-1,3-Dichloropropene	5.725	75	28013	12.95	ug/l	96
50) 1,1,2-Trichloroethane	5.843	97	21696	18.85	ug/l	97
51) 1,2-Dibromoethane	6.168	107	24385	17.23	ug/l	94
52) 1,3-Dichloropropane	5.941	76	41994	19.15	ug/l	93
53) 4-Methyl-2-Pentanone	5.478	43	35061	12.37	ug/l	99
54) 2-Hexanone	5.971	43	24921	12.18	ug/l	92
55) Tetrachloroethene	5.931	164	16137	18.04	ug/l	98
57) Toluene	5.606	92	55643	21.12	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.493	133	19187	21.63	ug/l	97
59) Chlorobenzene	6.444	112	55971	19.03	ug/l	98
61) Bromoform	6.946	173	15971	16.31	ug/l	91
62) Ethylbenzene	6.493	106	22672	23.28	ug/l	84
63) 1,1,2,2-Tetrachloroethane	7.192	83	34353	19.10	ug/l	86
65) Styrene	6.808	104	57602	20.25	ug/l	95
66) m&p-Xylenes	6.562	106	65041	45.05	ug/l	96
67) o-Xylene	6.808	106	31917	21.29	ug/l	87

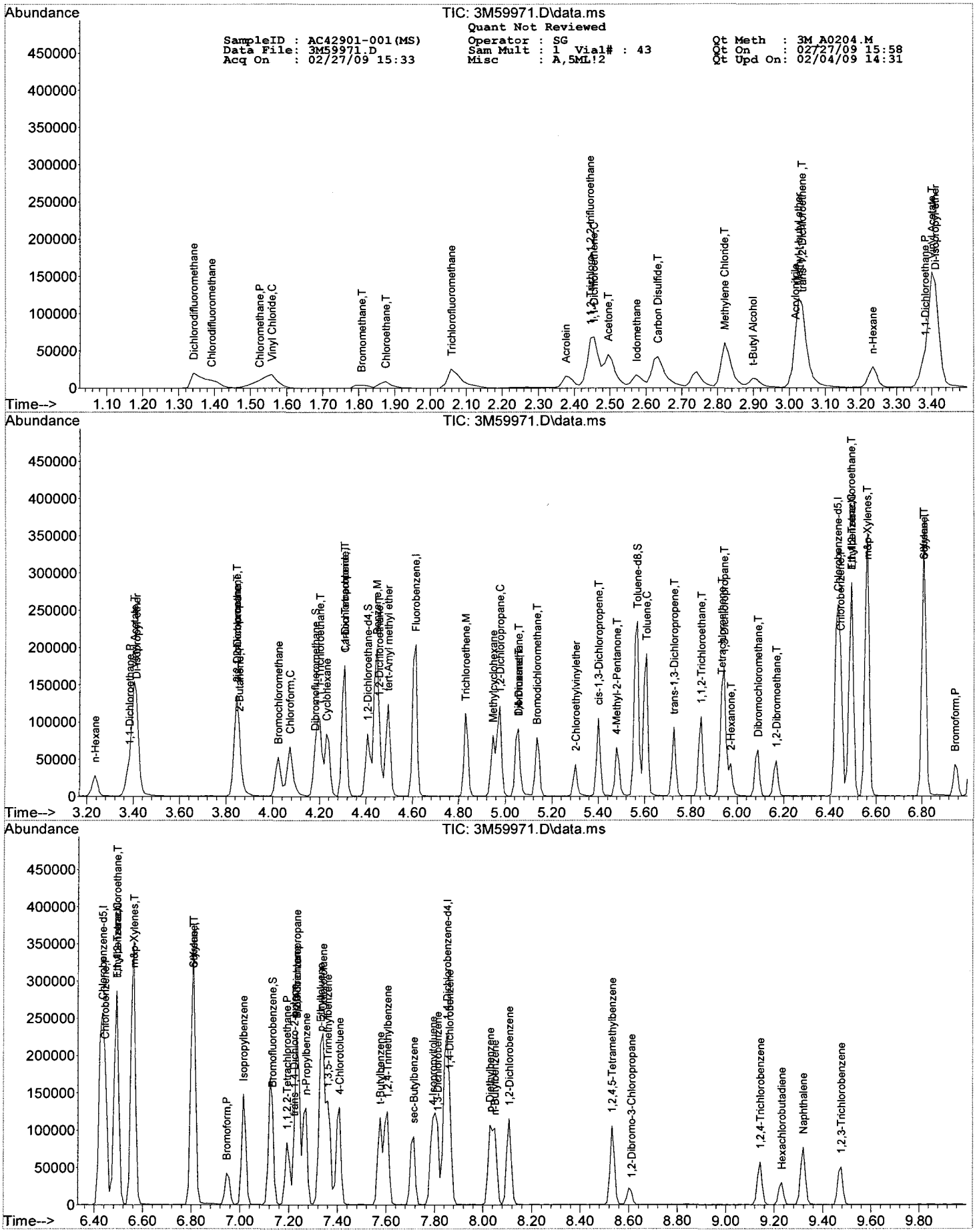
Quantitation Report (Not Reviewed)

SampleID : AC42901-001(MS) Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59971.D Sam Mult : 1 Vial# : 43 Qt On : 02/27/09 15:58
Acq On : 02/27/09 15:33 Misc : A,5ML!2 Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	7.222	53	13528	21.09 ug/l	48
69) 1,3-Dichlorobenzene	7.813	146	36631	18.51 ug/l	93
70) 1,4-Dichlorobenzene	7.862	146	37914	17.79 ug/l	92
71) 1,2-Dichlorobenzene	8.108	146	36429	17.69 ug/l	97
72) Isopropylbenzene	7.015	105	66631	19.06 ug/l	96
74) 1,2,3-Trichloropropane	7.231	75	35348	18.49 ug/l	96
75) 2-Chlorotoluene	7.340	91	52408	21.57 ug/l	97
76) p-Ethyltoluene	7.330	105	78462	22.17 ug/l	92
77) 4-Chlorotoluene	7.409	91	46696	19.17 ug/l	98
78) n-Propylbenzene	7.271	91	86017	20.14 ug/l	94
79) Bromobenzene	7.231	77	58656	20.22 ug/l	81
80) 1,3,5-Trimethylbenzene	7.360	105	49945	23.84 ug/l	90
81) t-Butylbenzene	7.576	119	43157	18.72 ug/l	90
82) 1,2,4-Trimethylbenzene	7.606	105	58503	20.48 ug/l	94
83) sec-Butylbenzene	7.714	105	52631	18.16 ug/l	89
84) 4-Isopropyltoluene	7.793	119	40114	17.91 ug/l	93
85) n-Butylbenzene	8.049	91	49719	17.83 ug/l	95
86) p-Diethylbenzene	8.029	119	24902	17.90 ug/l	91
87) 1,2,4,5-Tetramethylben...	8.532	119	43770	21.12 ug/l	93
88) 1,2-Dibromo-3-Chloropr...	8.610	157	4450	10.03 ug/l	74
89) Hexachlorobutadiene	9.231	225	5619	9.02 ug/l	98
90) 1,2,4-Trichlorobenzene	9.142	180	15207	14.06 ug/l	99
91) 1,2,3-Trichlorobenzene	9.477	180	14644	13.50 ug/l	96
92) Naphthalene	9.319	128	50359	17.56 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : AC42901-001(MS)
Data File: 3M59971.D
Acq On : 02/27/09 15:33
Operator : SG
Sam Mult : 1 Vial# : 43
Misc : A,5ML!2
Qt Meth : 3M_A0204.M
Qt On : 02/27/09 15:58
Qt Upd On: 02/04/09 14:31
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
Time-->

Abundance
TIC: 3M59971.D\data.ms
n-Hexane
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Time-->

Abundance
TIC: 3M59971.D\data.ms
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC42901-001(MSD) Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59982.D Sam Mult : 1 Vial# : 40 Qt On : 03/02/09 08:36
Acq On : 02/27/09 18:59 Misc : A,5mL!2 Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.612	96	138069	30.00	ug/l	-0.04
45) Chlorobenzene-d5	6.434	117	104453	30.00	ug/l	-0.02
60) 1,4-Dichlorobenzene-d4	7.852	152	51562	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.188	111	39136	28.67	ug/l	-0.05
Spiked Amount 30.000			Recovery =	95.57%		
32) 1,2-Dichloroethane-d4	4.405	102	8404	28.82	ug/l	-0.05
Spiked Amount 30.000			Recovery =	96.07%		
56) Toluene-d8	5.567	100	87956	30.53	ug/l	-0.03
Spiked Amount 30.000			Recovery =	101.77%		
64) Bromofluorobenzene	7.133	174	45571	26.85	ug/l	-0.02
Spiked Amount 30.000			Recovery =	89.50%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.399	51	23078	8.82	ug/l	49
3) Dichlorodifluoromethane	1.348	85	21594	11.82	ug/l	91
4) Chloromethane	1.532	50	18682	17.00	ug/l	88
5) Bromomethane	1.799	94	3879	14.62	ug/l	90
6) Vinyl Chloride	1.565	62	14109	11.75	ug/l	96
7) Chloroethane	1.865	64	7647	18.00	ug/l	86
8) Trichlorofluoromethane	2.065	101	28563	25.78	ug/l	95
9) 1,1,2-Trichloro-1,2,2-...	2.455	101	14011	16.07	ug/l	91
10) Methylene Chloride	2.829	84	24959	17.46	ug/l	80
11) Acrolein	2.386	56	13774	74.53	ug/l	86
12) Acrylonitrile	3.026	53	10959	15.86	ug/l	88
13) Iodomethane	2.583	142	19923	11.31	ug/l	84
14) Acetone	2.504	43	54683	76.74	ug/l	99
15) Carbon Disulfide	2.632	76	49288	11.44	ug/l	100
16) t-Butyl Alcohol	2.908	59	5869	46.60	ug/l	81
17) n-Hexane	3.233	57	9235	11.54	ug/l	77
18) Di-isopropyl-ether	3.410	45	105685	15.17	ug/l	80
19) 1,1-Dichloroethene	2.455	61	32298	12.58	ug/l	90
21) Methyl-t-butyl ether	3.026	73	39759	15.24	ug/l	80
22) 1,1-Dichloroethane	3.381	63	39660	14.01	ug/l	97
23) trans-1,2-Dichloroethene	3.036	96	18896	16.12	ug/l	93
24) cis-1,2-Dichloroethene	3.843	61	40308	14.18	ug/l	91
25) Bromochloromethane	4.021	49	31700	15.38	ug/l	97
26) 2,2-Dichloropropane	3.843	77	12250	9.70	ug/l	98
27) 1,4-Dioxane	5.055	88	15114	809.20	ug/l	78
28) 1,1-Dichloropropene	4.306	75	31808	15.72	ug/l	99
29) Chloroform	4.070	83	41159	15.92	ug/l	95
31) Cyclohexane	4.237	56	28015	13.59	ug/l	81
33) 1,2-Dichloroethane	4.454	62	43851	17.35	ug/l	99
34) 2-Butanone	3.853	43	18153	14.94	ug/l	80
35) 1,1,1-Trichloroethane	4.198	97	23517	13.58	ug/l	94
36) Carbon Tetrachloride	4.306	117	21161	18.36	ug/l	98
37) Vinyl Acetate	3.410	43	83551	12.29	ug/l	100
38) Bromodichloromethane	5.143	83	29973	13.93	ug/l	99
39) Methylcyclohexane	4.946	83	16500	13.97	ug/l	83
40) Dibromomethane	5.055	174	19727	14.33	ug/l	95
41) 1,2-Dichloropropane	4.976	63	29032	15.33	ug/l	97
42) Trichloroethene	4.838	130	21252	14.14	ug/l	94
43) Benzene	4.444	78	97449	17.20	ug/l	100
44) tert-Amyl methyl ether	4.493	73	34516	12.78	ug/l	83
46) Dibromochloromethane	6.089	129	21155	11.09	ug/l	100
47) 2-Chloroethylvinylether	5.301	63	11626	8.60	ug/l	81
48) cis-1,3-Dichloropropene	5.399	75	28560	10.13	ug/l	92
49) trans-1,3-Dichloropropene	5.724	75	22213	8.38	ug/l	95
50) 1,1,2-Trichloroethane	5.843	97	23326	16.54	ug/l	98
51) 1,2-Dibromoethane	6.168	107	26380	15.21	ug/l	99
52) 1,3-Dichloropropane	5.941	76	44428	16.53	ug/l	94
53) 4-Methyl-2-Pentanone	5.488	43	39424	11.35	ug/l	98
54) 2-Hexanone	5.971	43	27450	10.94	ug/l	91
55) Tetrachloroethene	5.931	164	16575	15.12	ug/l	98
57) Toluene	5.606	92	56813	17.60	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.493	133	18635	17.14	ug/l	92
59) Chlorobenzene	6.453	112	59447	16.49	ug/l	97
61) Bromoform	6.956	173	13313	12.21	ug/l	99
62) Ethylbenzene	6.493	106	19720	15.93	ug/l	76
63) 1,1,2,2-Tetrachloroethane	7.202	83	35696	16.10	ug/l	83
65) Styrene	6.818	104	60201	17.16	ug/l	93
66) m&p-Xylenes	6.562	106	66630	37.18	ug/l	87
67) o-Xylene	6.808	106	32733	17.62	ug/l	83

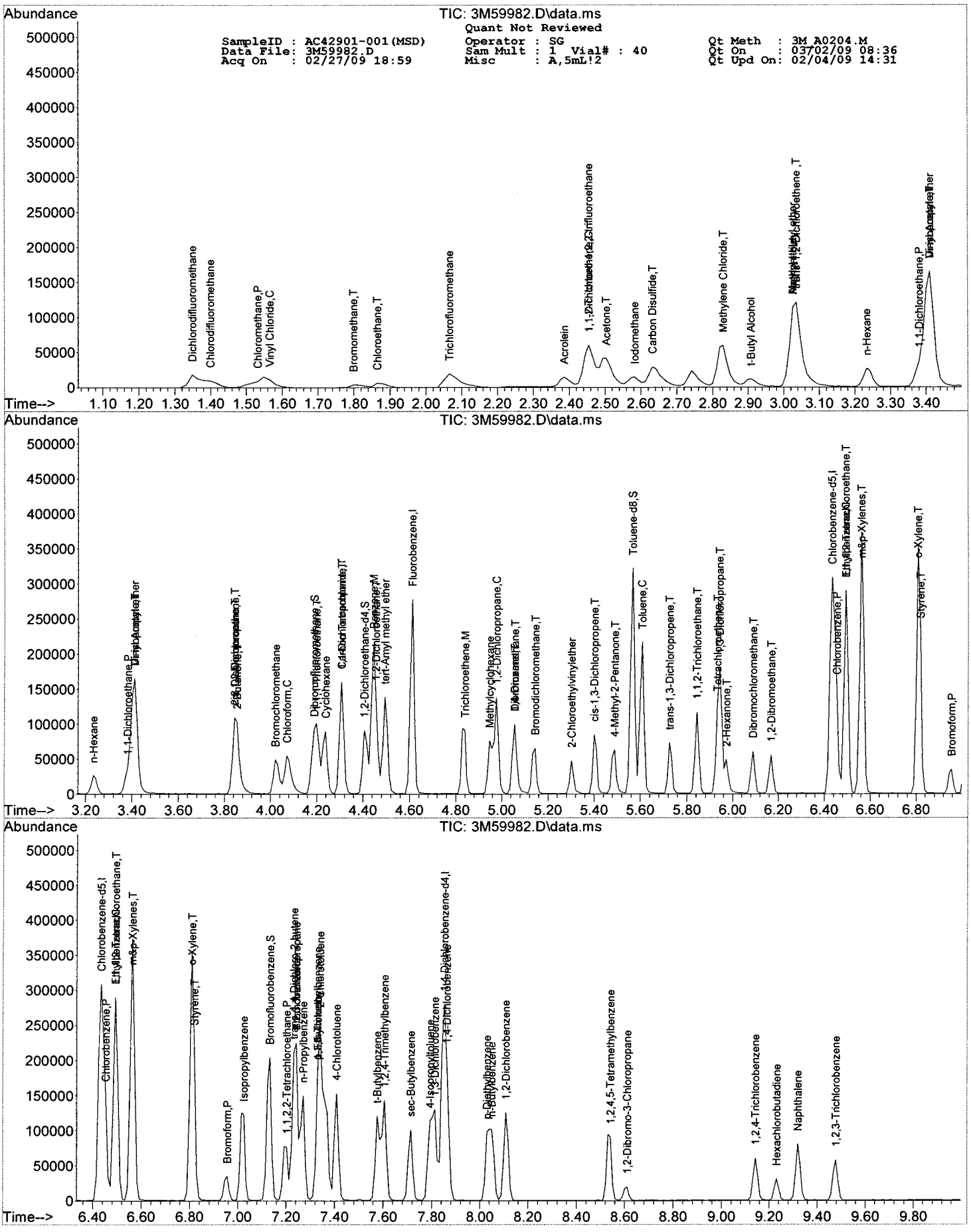
Quantitation Report (Not Reviewed)

SampleID : AC42901-001(MSD) Operator : SG Qt Meth : 3M_A0204.M
Data File: 3M59982.D Sam Mult : 1 Vial# : 40 Qt On : 03/02/09 08:36
Acq On : 02/27/09 18:59 Misc : A,5mL!2 Qt Upd On: 02/04/09 14:31

Data Path : G:\GcMsData\2009\GCMS_3\Data\02-27-09\
Qt Path : G:\Gcmsdata\2009\GCMS_3\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	7.231	53	12260	15.50	ug/l	66
69) 1,3-Dichlorobenzene	7.812	146	39908	16.36	ug/l	97
70) 1,4-Dichlorobenzene	7.862	146	40964	15.59	ug/l	92
71) 1,2-Dichlorobenzene	8.108	146	40798	16.07	ug/l	99
72) Isopropylbenzene	7.025	105	66119	15.34	ug/l	98
74) 1,2,3-Trichloropropane	7.241	75	37583	15.95	ug/l	97
75) 2-Chlorotoluene	7.340	91	51336	17.14	ug/l	94
76) p-Ethyltoluene	7.330	105	74430	17.06	ug/l	92
77) 4-Chlorotoluene	7.409	91	55024	18.32	ug/l	95
78) n-Propylbenzene	7.271	91	87778	16.67	ug/l	95
79) Bromobenzene	7.241	77	61868	17.30	ug/l	86
80) 1,3,5-Trimethylbenzene	7.330	105	74430	28.81	ug/l	68
81) t-Butylbenzene	7.576	119	45342	15.95	ug/l	91
82) 1,2,4-Trimethylbenzene	7.606	105	61024	17.33	ug/l	95
83) sec-Butylbenzene	7.714	105	53354	14.93	ug/l	92
84) 4-Isopropyltoluene	7.793	119	40380	14.63	ug/l	97
85) n-Butylbenzene	8.049	91	50133	14.58	ug/l	93
86) p-Diethylbenzene	8.029	119	24597	14.34	ug/l	92
87) 1,2,4,5-Tetramethylben...	8.541	119	46016	18.01	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.610	157	4140	7.57	ug/l	86
89) Hexachlorobutadiene	9.231	225	5633	7.33	ug/l	99
90) 1,2,4-Trichlorobenzene	9.142	180	16717	12.53	ug/l	98
91) 1,2,3-Trichlorobenzene	9.477	180	16311	12.20	ug/l	97
92) Naphthalene	9.319	128	52492	14.85	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 3M59982.D\data.ms
Quant Not Reviewed
SampleID : AC42901-001(MSD)
Data File: 3M59982.D
Acq On : 02/27/09 18:59
Operator : SG
Sam Mult : 1 Vial# : 40
Misc : A,5mL!2
Qt Meth : 3M_A0204.M
Qt On : 03702/09 08:36
Qt Upd On: 02/04/09 14:31
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 3M59982.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methylcyclohexane
1,2-Dichloropropane,C
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Time-->

Abundance
TIC: 3M59982.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form3

MBS Data

Method: 624

Data File:==>					6M38834.D														
Data/Batch/Sample ID:==>					MBS11480-Aq														
Date/Time:==>					03/06/09 09:50														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1,1-Trichloroethan		52-162	1	0	17.07	20	85												
1,1,2,2-Tetrachloroe		46-157	1	0	16.94	20	85												
1,1,2-Trichloroethan		52-150	1	0	19.91	20	100												
1,1-Dichloroethane		59-155	1	0	15.56	20	78												
1,1-Dichloroethene		1-234	1	0	14.31	20	72												
1,2-Dichlorobenzen		18-190	1	0	16.73	20	84												
1,2-Dichloroethane		49-155	1	0	17.78	20	89												
1,2-Dichloropropane		1-210	1	0	21.93	20	110												
1,3-Dichlorobenzen		59-156	1	0	17.77	20	89												
1,4-Dichlorobenzen		18-190	1	0	17.15	20	86												
2-Chloroethylvinylet		1-305	1	0	18.15	20	91												
Benzene		37-151	1	0	22.12	20	111												
Bromodichlorometh		35-155	1	0	15.53	20	78												
Bromoform		45-169	1	0	14.39	20	72												
Bromomethane		1-242	1	0	16.19	20	81												
Carbon Tetrachlorid		70-140	1	0	16.63	20	83												
Chlorobenzene		37-160	1	0	18.51	20	93												
Chloroethane		14-230	1	0	20.3	20	101												
Chloroform		51-138	1	0	17.35	20	87												
Chloromethane		1-273	1	0	36.94	20	185												
cis-1,3-Dichloroprop		1-227	1	0	15.11	20	76												
Dibromochlorometh		53-149	1	0	15.08	20	75												
Ethylbenzene		37-162	1	0	20.25	20	101												
Methylene Chloride		1-221	1	0	14.02	20	70												
Tetrachloroethene		64-148	1	0	18.81	20	94												
Toluene		47-150	1	0	20.11	20	101												
trans-1,2-Dichloroet		54-156	1	0	15.39	20	77												
trans-1,3-Dichloropr		17-183	1	0	13.77	20	69												
Trichloroethene		71-157	1	0	19.59	20	98												
Trichlorofluorometh		17-181	1	0	15.57	20	78												
Vinyl Chloride		1-251	1	0	19.89	20	99												

Flags/Notes: **** - Values outside of limits for this column/run***

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M38834.D
Acq On : 03/ 6/09 09:50

Operator : SG
Sam Mult : 1 Vial# : 14
Misc : A,5ML

Qt Meth : 6M_A0304.M
Qt On : 03/06/09 10:13
Qt Upd On: 03/05/09 08:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.386	96	361634	30.00	ug/l	0.00
45) Chlorobenzene-d5	5.944	117	254818	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.165	152	135234	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.965	111	110786	26.07	ug/l	0.00
Spiked Amount 30.000			Recovery = 86.90%			
32) 1,2-Dichloroethane-d4	4.187	67	60636	27.51	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.70%			
56) Toluene-d8	5.210	98	337367	30.32	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.07%			
64) Bromofluorobenzene	6.545	174	158914	31.06	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.53%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.288	51	154423	25.37	ug/l	73
3) Dichlorodifluoromethane	1.277	85	60551	29.08	ug/l	99
4) Chloromethane	1.409	50	76596	36.94	ug/l	90
5) Bromomethane	1.709	94	33310	16.19	ug/l	89
6) Vinyl Chloride	1.479	62	55564	19.89	ug/l	100
7) Chloroethane	1.772	64	32570	20.30	ug/l	91
8) Trichlorofluoromethane	1.968	101	47335	15.57	ug/l	92
9) 1,1,2-Trichloro-1,2,2-...	2.323	101	27699	15.25	ug/l	86
10) Methylene Chloride	2.654	84	33969	14.02	ug/l	79
11) Acrolein	2.239	56	21363	103.46	ug/l	97
12) Acrylonitrile	2.828	53	17186	19.79	ug/l	82
13) Iodomethane	2.431	142	71796	15.48	ug/l	88
14) Acetone	2.341	43	92916	93.16	ug/l	94
15) Carbon Disulfide	2.491	76	89837	15.77	ug/l	100
16) t-Butyl Alcohol	2.732	59	23941	88.42	ug/l	92
17) n-Hexane	3.075	57	18373	17.07	ug/l	95
18) Di-isopropyl-ether	3.225	45	218237	20.64	ug/l	96
19) 1,1-Dichloroethene	2.317	61	56198	14.31	ug/l	91
20) Methyl Acetate	2.581	43	54324	20.43	ug/l	100
21) Methyl-t-butyl ether	2.864	73	113592	16.13	ug/l	86
22) 1,1-Dichloroethane	3.177	63	78026	15.56	ug/l	98
23) trans-1,2-Dichloroethene	2.870	96	31913	15.39	ug/l	82
24) cis-1,2-Dichloroethene	3.628	61	99491	21.95	ug/l	97
25) Bromochloromethane	3.802	49	51593	21.60	ug/l	85
26) 2,2-Dichloropropane	3.628	77	72328	19.81	ug/l	86
27) 1,4-Dioxane	4.771	88	39233	1066.45	ug/l	74
28) 1,1-Dichloropropene	4.103	75	77475	20.10	ug/l	98
29) Chloroform	3.857	83	103657	17.35	ug/l	86
31) Cyclohexane	4.043	56	66532	24.98	ug/l	86
33) 1,2-Dichloroethane	4.229	62	89479	17.78	ug/l	93
34) 2-Butanone	3.634	43	31984	22.51	ug/l	89
35) 1,1,1-Trichloroethane	3.995	97	80808	17.07	ug/l	99
36) Carbon Tetrachloride	4.109	117	65661	16.63	ug/l	89
37) Vinyl Acetate	3.225	43	191681	19.77	ug/l	100
38) Bromodichloromethane	4.837	83	76070	15.53	ug/l	91
39) Methylcyclohexane	4.699	83	46554	23.73	ug/l	93
40) Dibromomethane	4.765	174	64852	19.18	ug/l	95
41) 1,2-Dichloropropane	4.699	63	63972	21.93	ug/l	81
42) Trichloroethene	4.590	130	65855	19.59	ug/l	89
43) Benzene	4.229	78	221796	22.12	ug/l	100
44) tert-Amyl methyl ether	4.290	73	162006	22.00	ug/l	95
46) Dibromochloromethane	5.643	129	62834	15.08	ug/l	99
47) 2-Chloroethylvinylether	4.987	63	31429	18.15	ug/l	85
48) cis-1,3-Dichloropropene	5.066	75	78016	15.11	ug/l	90
49) trans-1,3-Dichloropropene	5.342	75	66612	13.77	ug/l	98
50) 1,1,2-Trichloroethane	5.433	97	56237	19.91	ug/l	90
51) 1,2-Dibromoethane	5.709	107	54789	17.27	ug/l	83
52) 1,3-Dichloropropane	4.705	76	30208	18.54	ug/l	88
53) 4-Methyl-2-Pentanone	5.138	43	72201	23.22	ug/l	93
54) 2-Hexanone	5.553	43	31308	13.87	ug/l	91
55) Tetrachloroethene	5.529	164	51574	18.81	ug/l	98
57) Toluene	5.240	92	126629	20.11	ug/l	93
58) 1,1,1,2-Tetrachloroethane	5.992	133	56398	18.42	ug/l	78
59) Chlorobenzene	5.956	112	137696	18.51	ug/l	93
61) Bromoform	6.383	173	53916	14.39	ug/l	92
62) Ethylbenzene	6.004	106	59192	20.25	ug/l	76
63) 1,1,2,2-Tetrachloroethane	6.593	83	65034	16.94	ug/l	94
65) Styrene	6.275	104	133686	19.90	ug/l	87
66) m&p-Xylenes	6.058	106	142929	42.13	ug/l	91

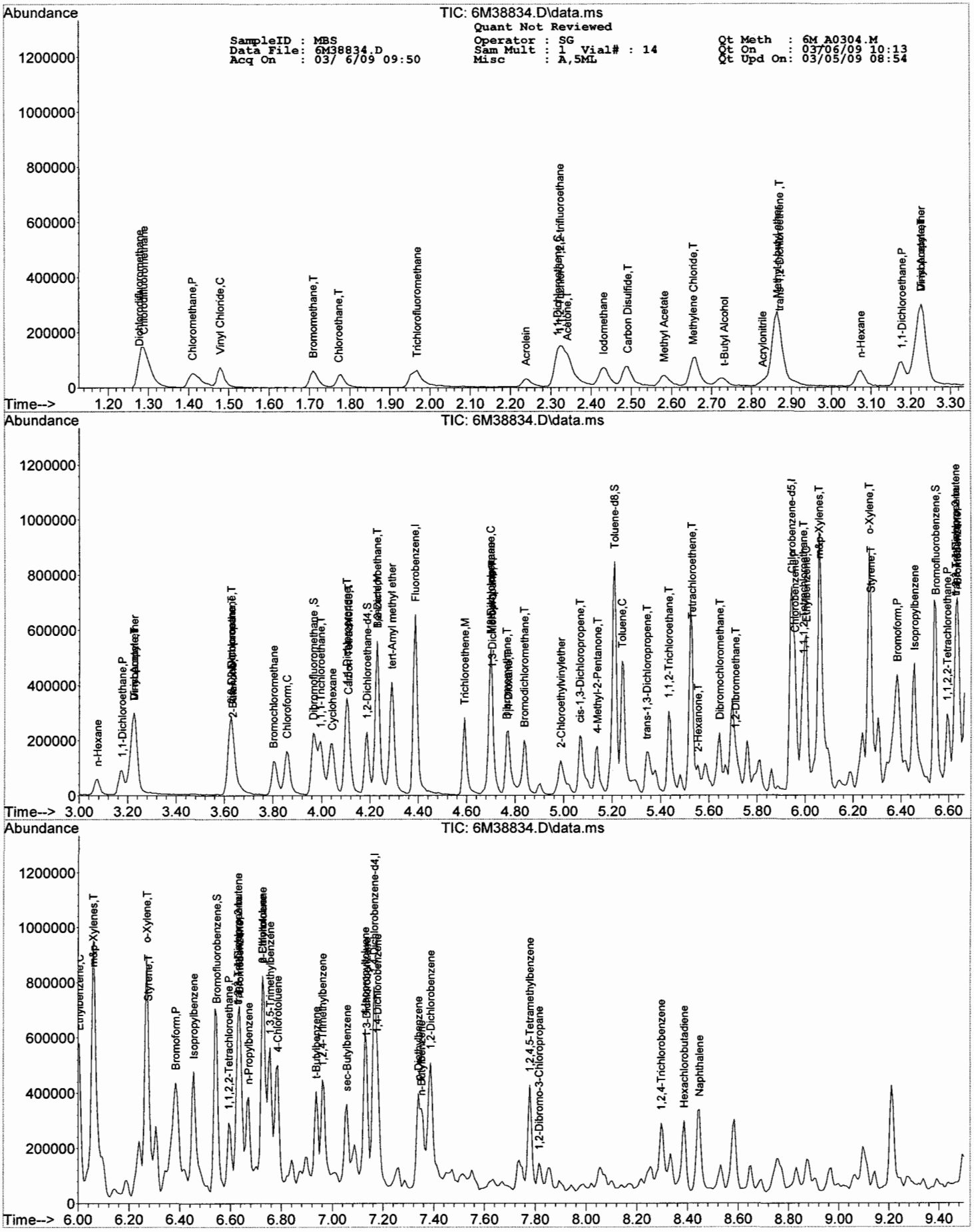
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : SG Qt Meth : 6M_A0304.M
Data File: 6M38834.D Sam Mult : 1 Vial# : 14 Qt On : 03/06/09 10:13
Acq On : 03/ 6/09 09:50 Misc : A,5ML Qt Upd On: 03/05/09 08:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.269	106	77791	22.54 ug/l	66
68) trans-1,4-Dichloro-2-b...	6.630	53	25714	23.09 ug/l	10
69) 1,3-Dichlorobenzene	7.135	146	96380	17.77 ug/l	83
70) 1,4-Dichlorobenzene	7.177	146	103703	17.15 ug/l	88
71) 1,2-Dichlorobenzene	7.387	146	102451	16.73 ug/l	87
72) Isopropylbenzene	6.455	105	146165	18.33 ug/l	93
74) 1,2,3-Trichloropropane	6.630	75	78618	16.37 ug/l	95
75) 2-Chlorotoluene	6.726	91	126476	16.60 ug/l	95
76) p-Ethyltoluene	6.726	105	148273	19.01 ug/l	87
77) 4-Chlorotoluene	6.786	91	121063	17.21 ug/l	89
78) n-Propylbenzene	6.672	91	168640	19.14 ug/l	92
79) Bromobenzene	6.636	77	132929	21.41 ug/l	84
80) 1,3,5-Trimethylbenzene	6.756	105	126292	18.17 ug/l	89
81) t-Butylbenzene	6.936	119	110759	19.96 ug/l	84
82) 1,2,4-Trimethylbenzene	6.960	105	132256	19.96 ug/l	89
83) sec-Butylbenzene	7.057	105	122625	19.02 ug/l	93
84) 4-Isopropyltoluene	7.129	119	108800	19.26 ug/l	89
85) n-Butylbenzene	7.351	91	114813	18.85 ug/l	79
86) p-Diethylbenzene	7.339	119	64520	17.71 ug/l	92
87) 1,2,4,5-Tetramethylben...	7.778	119	131809	20.61 ug/l	89
88) 1,2-Dibromo-3-Chloropr...	7.814	157	18802	16.73 ug/l	53
89) Hexachlorobutadiene	8.386	225	42383	15.90 ug/l	99
90) 1,2,4-Trichlorobenzene	8.296	180	61187	19.10 ug/l	92
92) Naphthalene	8.446	128	151877	18.61 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 6M38834.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M38834.D
Acq On : 03/ 6/09 09:50
Operator : SG
Sam Mult : 1 Vial# : 14
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/06/09 10:13
Qt Upd On: 03/05/09 08:54
Time-->

FORM 3

Spike Recovery

Batch Number: MBS11487
Mbs Name: MBS11487
Ns Name: AC43033-001
Ms Name: AC43033-001(MS)
Msd Name: AC43033-001(MSD

Mbs File: 6M38868.D
Non Spk'd File: 6M38767.D
Spike File: 6M38863.D
Spike Dup File: 6M38864.D
Matrix: Aqueous
Method: EPA 624

Mbs Date: 03/06/09 19:30
Non Spk'd Date: 03/04/09 20:32
Spike Date : 03/06/09 18:12
Spike Dup Date: 03/06/09 18:27

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Chloromethane	4	1	0	20	1	273	66	33.31	0.00	32.61	30.58	167	163	153	6.4
Bromomethane	5	1	0	20	1	242	42	16.86	0.00	15.14	15.09	84	76	75	0.33
Vinyl Chloride	6	1	0	20	1	251	30	19.93	0.00	18.35	18.40	100	92	92	0.27
Chloroethane	7	1	0	20	14	230	50	20.18	0.00	18.53	19.29	101	93	96	4
Trichlorofluoromethan	8	1	0	20	17	181	41	16.94	0.00	15.51	16.14	85	78	81	4
Methylene Chloride	10	1	0	20	1	221	38	14.98	0.00	12.63	13.31	75	63	67	5.2
1,1-Dichloroethene	19	1	0	20	1	234	34	12.68	0.00	12.94	11.82	63	65	59	9
1,1-Dichloroethane	22	1	0	20	59	155	30	15.57	0.00	14.00	13.90	78	70	69	0.72
trans-1,2-Dichloroeth	23	1	0	20	54	156	48	16.90	0.00	13.91	13.58	84	70	68	2.4
Chloroform	29	1	0	20	51	138	37	16.03	0.00	15.41	14.60	80	77	73	5.4
1,2-Dichloroethane	33	1	0	20	49	155	34	16.49	0.00	14.63	14.58	82	73	73	0.34
1,1,1-Trichloroethane	35	1	0	20	52	162	33	16.43	0.00	15.80	15.37	82	79	77	2.8
Carbon Tetrachloride	36	1	0	20	70	140	32	16.71	0.00	14.93	14.42	84	75	72	3.5
Bromodichloromethan	38	1	0	20	35	155	30	13.82	0.00	13.31	12.96	69	67	65	2.7
1,2-Dichloropropane	41	1	0	20	1	210	30	18.98	0.00	17.95	17.07	95	90	85	5
Trichloroethene	42	1	0	20	71	157	30	17.77	0.00	16.16	16.03	89	81	80	0.81
Benzene	43	1	0	20	37	151	29	19.00	0.00	19.23	18.16	95	96	91	5.7
Dibromochloromethan	46	1	0	20	53	149	30	14.50	0.00	13.70	13.13	73	69	66	4.2
2-Chloroethylvinylethe	47	1	0	20	1	305	40	12.77	0.00	13.98	12.49	64	70	62	11
cis-1,3-Dichloroprope	48	1	0	20	1	227	34	13.10	0.00	12.33	11.95	66	62	60	3.1
trans-1,3-Dichloropro	49	1	0	20	17	183	31	12.02	0.00	11.18	10.85	60	56	54	3
1,1,2-Trichloroethane	50	1	0	20	52	150	37	16.41	0.00	15.28	14.98	82	76	75	2
Tetrachloroethene	55	1	0	20	64	148	27	19.43	0.00	17.54	16.92	97	88	85	3.6
Toluene	57	1	0	20	47	150	33	19.04	0.00	17.38	16.75	95	87	84	3.7
Chlorobenzene	59	1	0	20	37	160	30	17.60	0.00	17.39	16.77	88	87	84	3.6
Bromoform	61	1	0	20	45	169	30	13.93	0.00	13.03	13.39	70	65	67	2.7
Ethylbenzene	62	1	0	20	37	162	41	15.68	0.00	16.37	16.52	78	82	83	0.91
1,1,2,2-Tetrachloroeth	63	1	0	20	46	157	29	13.94	0.00	14.50	14.64	70	73	73	0.96
1,3-Dichlorobenzene	69	1	0	20	59	156	30	16.94	0.00	15.91	15.98	85	80	80	0.44
1,4-Dichlorobenzene	70	1	0	20	18	190	30	16.26	0.00	15.38	15.64	81	77	78	1.7
1,2-Dichlorobenzene	71	1	0	20	18	190	34	16.17	0.00	15.30	15.44	81	76	77	0.91

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 6M38868.D
Acq On : 03/ 6/09 19:30

Operator : SG
Sam Mult : 1 Vial# : 45
Misc : A,5ML

Qt Meth : 6M_A0304.M
Qt On : 03/09/09 06:51
Qt Upd On: 03/05/09 08:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.391	96	352641	30.00	ug/l	0.01
45) Chlorobenzene-d5	5.942	117	243038	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.170	152	135736	30.00	ug/l	0.01
System Monitoring Compounds						
30) Dibromofluoromethane	3.969	111	115035	27.76	ug/l	0.01
Spiked Amount 30.000			Recovery =	92.53%		
32) 1,2-Dichloroethane-d4	4.186	67	60008	27.92	ug/l	0.00
Spiked Amount 30.000			Recovery =	93.07%		
56) Toluene-d8	5.215	98	325500	30.67	ug/l	0.01
Spiked Amount 30.000			Recovery =	102.23%		
64) Bromofluorobenzene	6.544	174	151732	29.55	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.50%		
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.286	51	125717	21.18	ug/l	83
3) Dichlorodifluoromethane	1.281	85	59147	29.13	ug/l	91
4) Chloromethane	1.413	50	67343	33.31	ug/l	94
5) Bromomethane	1.713	94	33828	16.86	ug/l	99
6) Vinyl Chloride	1.482	62	54311	19.93	ug/l	94
7) Chloroethane	1.776	64	31569	20.18	ug/l	94
8) Trichlorofluoromethane	1.966	101	50230	16.94	ug/l	84
9) 1,1,2-Trichloro-1,2,2-...	2.321	101	28274	15.96	ug/l	87
10) Methylene Chloride	2.658	84	35396	14.98	ug/l	64
11) Acrolein	2.243	56	15864	78.78	ug/l	96
12) Acrylonitrile	2.833	53	13941	16.46	ug/l	93
13) Iodomethane	2.436	142	74263	16.42	ug/l	79
14) Acetone	2.345	43	72201	74.24	ug/l	99
15) Carbon Disulfide	2.496	76	91836	16.53	ug/l	100
16) t-Butyl Alcohol	2.730	59	16809	63.67	ug/l	89
17) n-Hexane	3.073	57	16132	15.37	ug/l	91
18) Di-isopropyl-ether	3.236	45	184031	17.85	ug/l	98
19) 1,1-Dichloroethene	2.321	61	48551	12.68	ug/l	91
20) Methyl Acetate	2.586	43	41717	16.09	ug/l	100
21) Methyl-t-butyl ether	2.869	73	103388	15.06	ug/l	95
22) 1,1-Dichloroethane	3.176	63	76121	15.57	ug/l	92
23) trans-1,2-Dichloroethene	2.869	96	34182	16.90	ug/l	98
24) cis-1,2-Dichloroethene	3.627	61	69283	15.68	ug/l	99
25) Bromochloromethane	3.807	49	40400	17.34	ug/l	93
26) 2,2-Dichloropropane	3.633	77	47162	13.25	ug/l	95
27) 1,4-Dioxane	4.776	88	27781	774.41	ug/l	82
28) 1,1-Dichloropropene	4.102	75	67662	18.00	ug/l	94
29) Chloroform	3.861	83	93393	16.03	ug/l	87
31) Cyclohexane	4.048	56	56939	21.93	ug/l	90
33) 1,2-Dichloroethane	4.234	62	80947	16.49	ug/l	94
34) 2-Butanone	3.639	43	23837	17.21	ug/l	92
35) 1,1,1-Trichloroethane	4.000	97	75810	16.43	ug/l	95
36) Carbon Tetrachloride	4.108	117	64343	16.71	ug/l	90
37) Vinyl Acetate	3.224	43	149967	15.86	ug/l	100
38) Bromodichloromethane	4.842	83	65988	13.82	ug/l	96
39) Methylcyclohexane	4.703	83	37790	19.75	ug/l	90
40) Dibromomethane	4.769	174	59724	18.11	ug/l	93
41) 1,2-Dichloropropane	4.703	63	53978	18.98	ug/l	90
42) Trichloroethene	4.595	130	58263	17.77	ug/l	93
43) Benzene	4.234	78	185791	19.00	ug/l	100
44) tert-Amyl methyl ether	4.294	73	131649	18.33	ug/l	98
46) Dibromochloromethane	5.648	129	57632	14.50	ug/l	93
47) 2-Chloroethylvinylether	4.992	63	21087	12.77	ug/l	91
48) cis-1,3-Dichloropropene	5.070	75	64549	13.10	ug/l	96
49) trans-1,3-Dichloropropene	5.347	75	55430	12.02	ug/l	96
50) 1,1,2-Trichloroethane	5.437	97	44185	16.41	ug/l	91
51) 1,2-Dibromoethane	5.714	107	44816	14.81	ug/l	86
52) 1,3-Dichloropropane	4.703	76	26747	17.21	ug/l	97
53) 4-Methyl-2-Pentanone	5.136	43	46321	15.62	ug/l	92
54) 2-Hexanone	5.557	43	27245	12.65	ug/l	96
55) Tetrachloroethene	5.527	164	50813	19.43	ug/l	86
57) Toluene	5.245	92	114367	19.04	ug/l	95
58) 1,1,1,2-Tetrachloroethane	5.991	133	54728	18.74	ug/l	82
59) Chlorobenzene	5.960	112	124856	17.60	ug/l	94
61) Bromoform	6.382	173	52388	13.93	ug/l	97
62) Ethylbenzene	6.009	106	45984	15.68	ug/l	89
63) 1,1,2,2-Tetrachloroethane	6.598	83	53724	13.94	ug/l	99
65) Styrene	6.279	104	122201	18.13	ug/l	88
66) m&p-Xylenes	6.063	106	135422	39.77	ug/l	98

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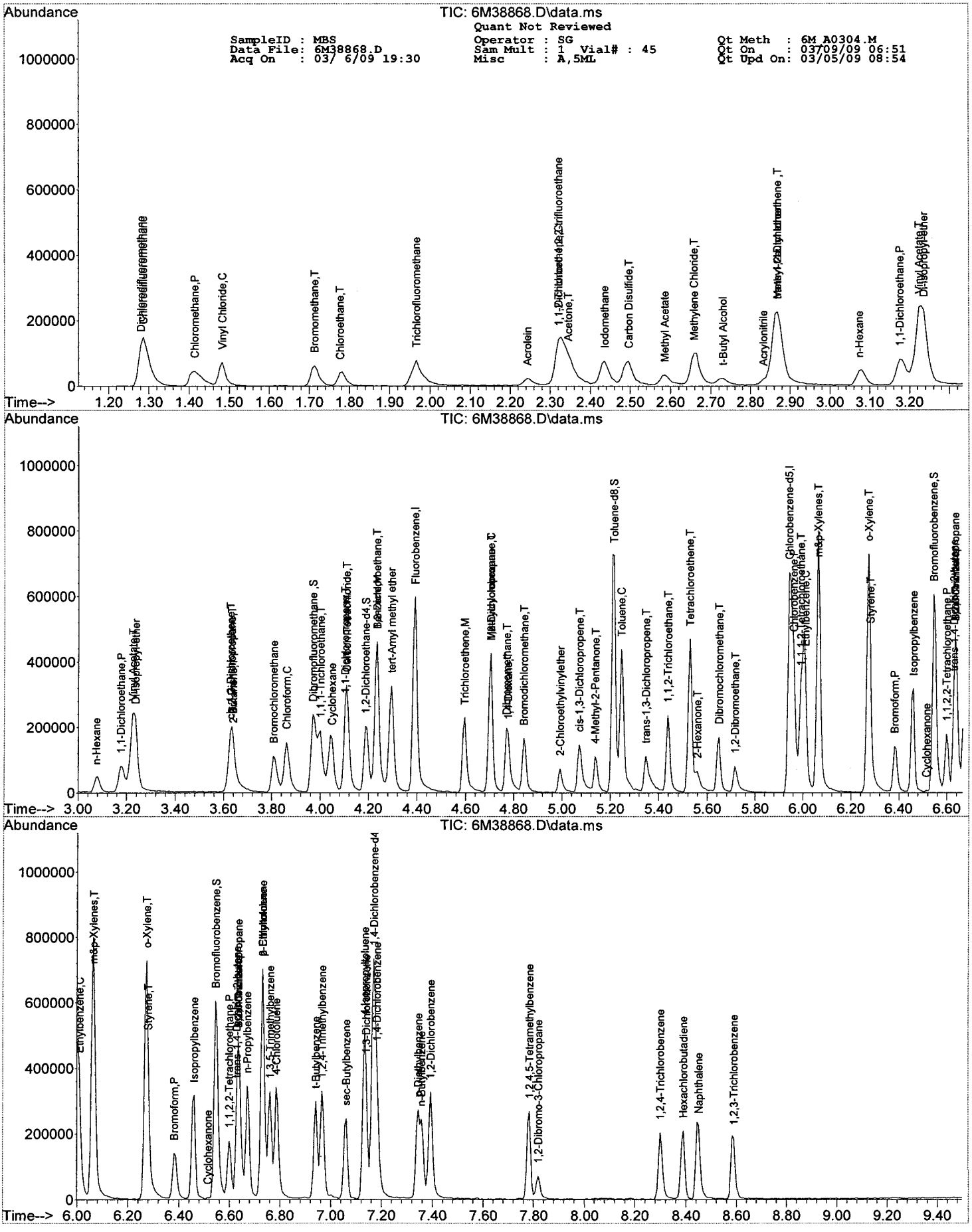
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : SG Qt Meth : 6M_A0304.M
Data File: 6M38868.D Sam Mult : 1 Vial# : 45 Qt On : 03/09/09 06:51
Acq On : 03/ 6/09 19:30 Misc : A,5ML Qt Upd On: 03/05/09 08:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.273	106	70727	20.41 ug/l	66
68) trans-1,4-Dichloro-2-b...	6.628	53	13008	11.64 ug/l	77
69) 1,3-Dichlorobenzene	7.139	146	92213	16.94 ug/l	84
70) 1,4-Dichlorobenzene	7.182	146	98702	16.26 ug/l	86
71) 1,2-Dichlorobenzene	7.392	146	99400	16.17 ug/l	84
72) Isopropylbenzene	6.460	105	134202	16.77 ug/l	93
73) Cyclohexanone	6.514	55	1364	9.51 ug/l	97
74) 1,2,3-Trichloropropane	6.634	75	68168	14.14 ug/l	92
75) 2-Chlorotoluene	6.730	91	137972	18.04 ug/l	95
76) p-Ethyltoluene	6.730	105	142455	18.20 ug/l	81
77) 4-Chlorotoluene	6.785	91	116461	16.49 ug/l	91
78) n-Propylbenzene	6.670	91	153027	17.30 ug/l	92
79) Bromobenzene	6.634	77	110812	17.78 ug/l	78
80) 1,3,5-Trimethylbenzene	6.760	105	112242	16.09 ug/l	81
81) t-Butylbenzene	6.941	119	102495	18.41 ug/l	79
82) 1,2,4-Trimethylbenzene	6.965	105	123200	18.52 ug/l	86
83) sec-Butylbenzene	7.061	105	107818	16.66 ug/l	93
84) 4-Isopropyltoluene	7.133	119	95127	16.78 ug/l	91
85) n-Butylbenzene	7.356	91	99387	16.26 ug/l	79
86) p-Diethylbenzene	7.344	119	58153	15.90 ug/l	96
87) 1,2,4,5-Tetramethylben...	7.783	119	100593	15.67 ug/l	90
88) 1,2-Dibromo-3-Chloropr...	7.819	157	15143	13.51 ug/l	59
89) Hexachlorobutadiene	8.391	225	36828	13.76 ug/l	98
90) 1,2,4-Trichlorobenzene	8.300	180	56436	17.55 ug/l	94
91) 1,2,3-Trichlorobenzene	8.589	180	53042	16.47 ug/l	91
92) Naphthalene	8.451	128	141969	17.33 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 6M38868.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 6M38868.D
Acq On : 03/ 6/09 19:30
Operator : SG
Sam Mult : 1 Vial# : 45
Misc : A,5ML
Qt Meth : 6M_A0304.M
Qt On : 03/09/09 06:51
Qt Upd On: 03/05/09 08:54
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC43033-001(MS) Operator : SG Qt Meth : 6M_A0304.M
Data File: 6M38863.D Sam Mult : 1 Vial# : 40 Qt On : 03/09/09 06:51
Acq On : 03/ 6/09 18:12 Misc : A,5ML!2 Qt Upd On: 03/05/09 08:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.391	96	359969	30.00	ug/l	0.01
45) Chlorobenzene-d5	5.943	117	250299	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.170	152	134622	30.00	ug/l	0.01
System Monitoring Compounds						
30) Dibromofluoromethane	3.970	111	116403	27.52	ug/l	0.01
Spiked Amount 30.000			Recovery = 91.73%			
32) 1,2-Dichloroethane-d4	4.192	67	57820	26.35	ug/l	0.01
Spiked Amount 30.000			Recovery = 87.83%			
56) Toluene-d8	5.215	98	325095	29.74	ug/l	0.01
Spiked Amount 30.000			Recovery = 99.13%			
64) Bromofluorobenzene	6.544	174	156132	30.66	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.20%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.294	51	128093	21.14	ug/l	76
3) Dichlorodifluoromethane	1.282	85	53690	25.90	ug/l	83
4) Chloromethane	1.415	50	67301	32.61	ug/l	96
5) Bromomethane	1.715	94	30998	15.14	ug/l	76
6) Vinyl Chloride	1.484	62	51042	18.35	ug/l	89
7) Chloroethane	1.778	64	29584	18.53	ug/l	94
8) Trichlorofluoromethane	1.967	101	46936	15.51	ug/l	86
9) 1,1,2-Trichloro-1,2,2-...	2.328	101	25778	14.26	ug/l	87
10) Methylene Chloride	2.659	84	30446	12.63	ug/l	80
11) Acrolein	2.249	56	5695	27.71	ug/l	99
12) Acrylonitrile	2.833	53	14070	16.27	ug/l	92
13) Iodomethane	2.442	142	66132	14.32	ug/l	81
14) Acetone	2.346	43	74802	75.35	ug/l	98
15) Carbon Disulfide	2.496	76	78697	13.88	ug/l	100
16) t-Butyl Alcohol	2.731	59	24712	91.69	ug/l	74
17) n-Hexane	3.080	57	15803	14.75	ug/l	89
18) Di-isopropyl-ether	3.230	45	185088	17.58	ug/l	97
19) 1,1-Dichloroethene	2.328	61	50578	12.94	ug/l	95
20) Methyl Acetate	2.586	43	43393	16.40	ug/l	100
21) Methyl-t-butyl ether	2.869	73	110969	15.83	ug/l	93
22) 1,1-Dichloroethane	3.182	63	69877	14.00	ug/l	100
23) trans-1,2-Dichloroethene	2.869	96	28709	13.91	ug/l	97
24) cis-1,2-Dichloroethene	3.633	61	69522	15.41	ug/l	98
25) Bromochloromethane	3.813	49	42346	17.81	ug/l	93
26) 2,2-Dichloropropane	3.633	77	44278	12.18	ug/l	95
27) 1,4-Dioxane	4.776	88	31443	858.65	ug/l	89
28) 1,1-Dichloropropene	4.108	75	65459	17.06	ug/l	93
29) Chloroform	3.861	83	91651	15.41	ug/l	80
31) Cyclohexane	4.048	56	54979	20.74	ug/l	88
33) 1,2-Dichloroethane	4.234	62	73270	14.63	ug/l	100
34) 2-Butanone	3.639	43	65257	46.15	ug/l	100
35) 1,1,1-Trichloroethane	4.000	97	74455	15.80	ug/l	91
36) Carbon Tetrachloride	4.114	117	58673	14.93	ug/l	97
37) Vinyl Acetate	3.230	43	167004	17.30	ug/l	100
38) Bromodichloromethane	4.842	83	64901	13.31	ug/l	93
39) Methylcyclohexane	4.704	83	33384	17.10	ug/l	98
40) Dibromomethane	4.776	174	55796	16.58	ug/l	90
41) 1,2-Dichloropropane	4.704	63	52122	17.95	ug/l	90
42) Trichloroethene	4.595	130	54085	16.16	ug/l	89
43) Benzene	4.234	78	191855	19.23	ug/l	100
44) tert-Amyl methyl ether	4.295	73	127733	17.43	ug/l	96
46) Dibromochloromethane	5.648	129	56073	13.70	ug/l	89
47) 2-Chloroethylvinylether	4.992	63	23775	13.98	ug/l	76
48) cis-1,3-Dichloropropene	5.071	75	62572	12.33	ug/l	90
49) trans-1,3-Dichloropropene	5.347	75	53125	11.18	ug/l	90
50) 1,1,2-Trichloroethane	5.437	97	42372	15.28	ug/l	92
51) 1,2-Dibromoethane	5.714	107	46057	14.78	ug/l	78
52) 1,3-Dichloropropane	4.704	76	24923	15.57	ug/l	90
53) 4-Methyl-2-Pentanone	5.143	43	53705	17.58	ug/l	98
54) 2-Hexanone	5.558	43	33893	15.29	ug/l	87
55) Tetrachloroethene	5.528	164	47239	17.54	ug/l	87
57) Toluene	5.245	92	107462	17.38	ug/l	95
58) 1,1,1,2-Tetrachloroethane	5.991	133	49793	16.56	ug/l	70
59) Chlorobenzene	5.961	112	127071	17.39	ug/l	95
61) Bromoform	6.388	173	48602	13.03	ug/l	98
62) Ethylbenzene	6.009	106	47624	16.37	ug/l	95
63) 1,1,2,2-Tetrachloroethane	6.598	83	55441	14.50	ug/l	95
65) Styrene	6.280	104	114678	17.15	ug/l	97
66) m&p-Xylenes	6.063	106	133086	39.40	ug/l	86

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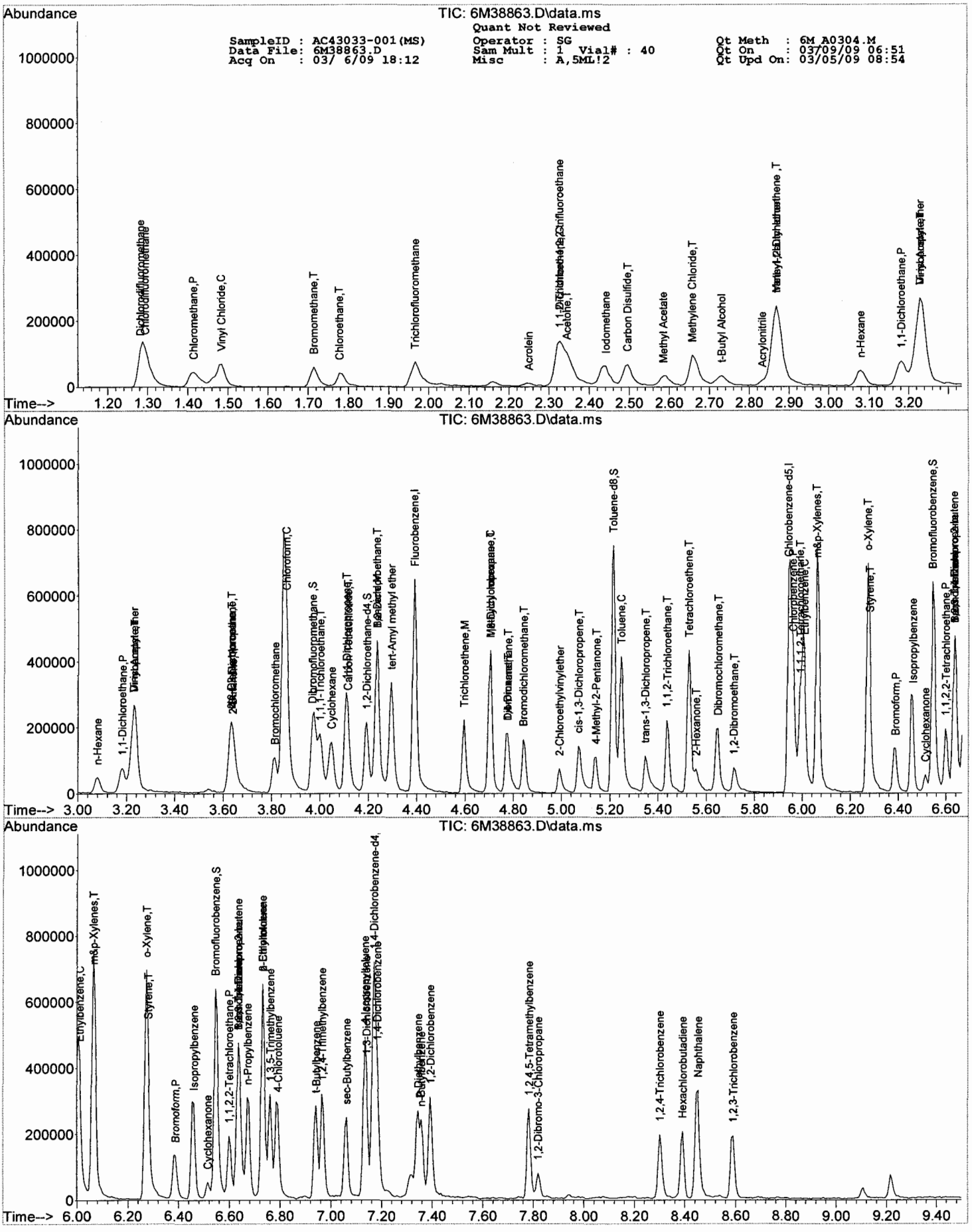
Quantitation Report (Not Reviewed)

SampleID : AC43033-001(MS) Operator : SG Qt Meth : 6M_A0304.M
Data File: 6M38863.D Sam Mult : 1 Vial# : 40 Qt On : 03/09/09 06:51
Acq On : 03/ 6/09 18:12 Misc : A,5ML!2 Qt Upd On: 03/05/09 08:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.274	106	67331	19.59	ug/l	85
68) trans-1,4-Dichloro-2-b...	6.634	53	13052	11.77	ug/l	74
69) 1,3-Dichlorobenzene	7.140	146	85868	15.91	ug/l	84
70) 1,4-Dichlorobenzene	7.182	146	92582	15.38	ug/l	86
71) 1,2-Dichlorobenzene	7.392	146	93249	15.30	ug/l	85
72) Isopropylbenzene	6.460	105	127645	16.08	ug/l	93
73) Cyclohexanone	6.514	55	16419	115.47	ug/l	95
74) 1,2,3-Trichloropropane	6.634	75	67408	14.10	ug/l	93
75) 2-Chlorotoluene	6.731	91	125084	16.49	ug/l	93
76) p-Ethyltoluene	6.731	105	134656	17.35	ug/l	86
77) 4-Chlorotoluene	6.791	91	105759	15.10	ug/l	91
78) n-Propylbenzene	6.671	91	150409	17.15	ug/l	95
79) Bromobenzene	6.634	77	111822	18.09	ug/l	80
80) 1,3,5-Trimethylbenzene	6.761	105	102038	14.75	ug/l	83
81) t-Butylbenzene	6.941	119	96049	17.39	ug/l	82
82) 1,2,4-Trimethylbenzene	6.965	105	117103	17.75	ug/l	88
83) sec-Butylbenzene	7.062	105	104316	16.25	ug/l	96
84) 4-Isopropyltoluene	7.134	119	94002	16.72	ug/l	87
85) n-Butylbenzene	7.356	91	103311	17.04	ug/l	75
86) p-Diethylbenzene	7.344	119	56525	15.58	ug/l	97
87) 1,2,4,5-Tetramethylben...	7.783	119	102578	16.11	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	7.819	157	14952	13.45	ug/l	58
89) Hexachlorobutadiene	8.391	225	34487	12.99	ug/l	96
90) 1,2,4-Trichlorobenzene	8.301	180	52758	16.54	ug/l	93
91) 1,2,3-Trichlorobenzene	8.589	180	53011	16.60	ug/l	93
92) Naphthalene	8.451	128	205768	25.33	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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Quant Not Reviewed
SampleID : AC43033-001(MS)
Data File: 6M38863.D
Acq On : 03/ 6/09 18:12
Operator : SG
Sam Mult : 1 Vial# : 40
Misc : A,5ML!2
Qt Meth : 6M_A0304.M
Qt On : 03/09/09 06:51
Qt Upd On: 03/05/09 08:54
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,I
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,I
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (Not Reviewed)

SampleID : AC43033-001(MSD) Operator : SG Qt Meth : 6M_A0304.M
Data File: 6M38864.D Sam Mult : 1 Vial# : 41 Qt On : 03/09/09 06:51
Acq On : 03/ 6/09 18:27 Misc : A,5ML!2 Qt Upd On: 03/05/09 08:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.397	96	370793	30.00	ug/l	0.02
45) Chlorobenzene-d5	5.949	117	261000	30.00	ug/l	0.02
60) 1,4-Dichlorobenzene-d4	7.176	152	137114	30.00	ug/l	0.02
System Monitoring Compounds						
30) Dibromofluoromethane	3.976	111	115837	26.58	ug/l	0.02
Spiked Amount 30.000			Recovery = 88.60%			
32) 1,2-Dichloroethane-d4	4.192	67	60525	26.78	ug/l	0.01
Spiked Amount 30.000			Recovery = 89.27%			
56) Toluene-d8	5.215	98	340114	29.84	ug/l	0.01
Spiked Amount 30.000			Recovery = 99.47%			
64) Bromofluorobenzene	6.550	174	156575	30.18	ug/l	0.01
Spiked Amount 30.000			Recovery = 100.60%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.292	51	125813	20.16	ug/l	78
3) Dichlorodifluoromethane	1.281	85	54167	25.37	ug/l	98
4) Chloromethane	1.413	50	65008	30.58	ug/l	99
5) Bromomethane	1.713	94	31837	15.09	ug/l	91
6) Vinyl Chloride	1.482	62	52708	18.40	ug/l	98
7) Chloroethane	1.782	64	31723	19.29	ug/l	85
8) Trichlorofluoromethane	1.967	101	50311	16.14	ug/l	88
9) 1,1,2-Trichloro-1,2,2-...	2.333	101	28183	15.13	ug/l	92
10) Methylene Chloride	2.664	84	33058	13.31	ug/l	86
11) Acrolein	2.249	56	4902	23.15	ug/l	94
12) Acrylonitrile	2.839	53	14425	16.20	ug/l	88
13) Iodomethane	2.436	142	66097	13.90	ug/l	79
14) Acetone	2.345	43	73156	71.54	ug/l	98
15) Carbon Disulfide	2.496	76	79181	13.56	ug/l	100
16) t-Butyl Alcohol	2.724	59	24828	89.43	ug/l	97
17) n-Hexane	3.085	57	15459	14.00	ug/l	90
18) Di-isopropyl-ether	3.236	45	186909	17.24	ug/l	97
19) 1,1-Dichloroethene	2.327	61	47586	11.82	ug/l	98
20) Methyl Acetate	2.586	43	42284	15.51	ug/l	100
21) Methyl-t-butyl ether	2.863	73	115620	16.01	ug/l	94
22) 1,1-Dichloroethane	3.182	63	71469	13.90	ug/l	98
23) trans-1,2-Dichloroethene	2.875	96	28876	13.58	ug/l	94
24) cis-1,2-Dichloroethene	3.633	61	78557	16.91	ug/l	94
25) Bromochloromethane	3.813	49	42674	17.42	ug/l	95
26) 2,2-Dichloropropane	3.639	77	51409	13.73	ug/l	89
27) 1,4-Dioxane	4.782	88	34007	901.56	ug/l	88
28) 1,1-Dichloropropene	4.114	75	65563	16.59	ug/l	93
29) Chloroform	3.867	83	89438	14.60	ug/l	86
31) Cyclohexane	4.048	56	56396	20.65	ug/l	87
33) 1,2-Dichloroethane	4.240	62	75215	14.58	ug/l	96
34) 2-Butanone	3.639	43	69349	47.61	ug/l	99
35) 1,1,1-Trichloroethane	4.006	97	74562	15.37	ug/l	93
36) Carbon Tetrachloride	4.114	117	58374	14.42	ug/l	100
37) Vinyl Acetate	3.230	43	166811	16.78	ug/l	100
38) Bromodichloromethane	4.848	83	65069	12.96	ug/l	96
39) Methylcyclohexane	4.703	83	35925	17.86	ug/l	97
40) Dibromomethane	4.776	174	56976	16.43	ug/l	94
41) 1,2-Dichloropropane	4.709	63	51054	17.07	ug/l	84
42) Trichloroethene	4.601	130	55269	16.03	ug/l	94
43) Benzene	4.240	78	186672	18.16	ug/l	100
44) tert-Amyl methyl ether	4.300	73	129537	17.16	ug/l	99
46) Dibromochloromethane	5.654	129	56068	13.13	ug/l	94
47) 2-Chloroethylvinylether	4.998	63	22150	12.49	ug/l	78
48) cis-1,3-Dichloropropene	5.076	75	63219	11.95	ug/l	94
49) trans-1,3-Dichloropropene	5.353	75	53735	10.85	ug/l	96
50) 1,1,2-Trichloroethane	5.443	97	43319	14.98	ug/l	90
51) 1,2-Dibromoethane	5.720	107	44971	13.84	ug/l	81
52) 1,3-Dichloropropane	4.709	76	25076	15.03	ug/l	99
53) 4-Methyl-2-Pentanone	5.142	43	51905	16.30	ug/l	96
54) 2-Hexanone	5.564	43	33026	14.28	ug/l	89
55) Tetrachloroethene	5.533	164	47531	16.92	ug/l	92
57) Toluene	5.251	92	107996	16.75	ug/l	99
58) 1,1,1,2-Tetrachloroethane	5.997	133	50725	16.18	ug/l	72
59) Chlorobenzene	5.967	112	127755	16.77	ug/l	97
61) Bromoform	6.388	173	50894	13.39	ug/l	94
62) Ethylbenzene	6.015	106	48944	16.52	ug/l	80
63) 1,1,2,2-Tetrachloroethane	6.604	83	56999	14.64	ug/l	98
65) Styrene	6.279	104	116713	17.14	ug/l	100
66) m&p-Xylenes	6.069	106	127884	37.17	ug/l	92

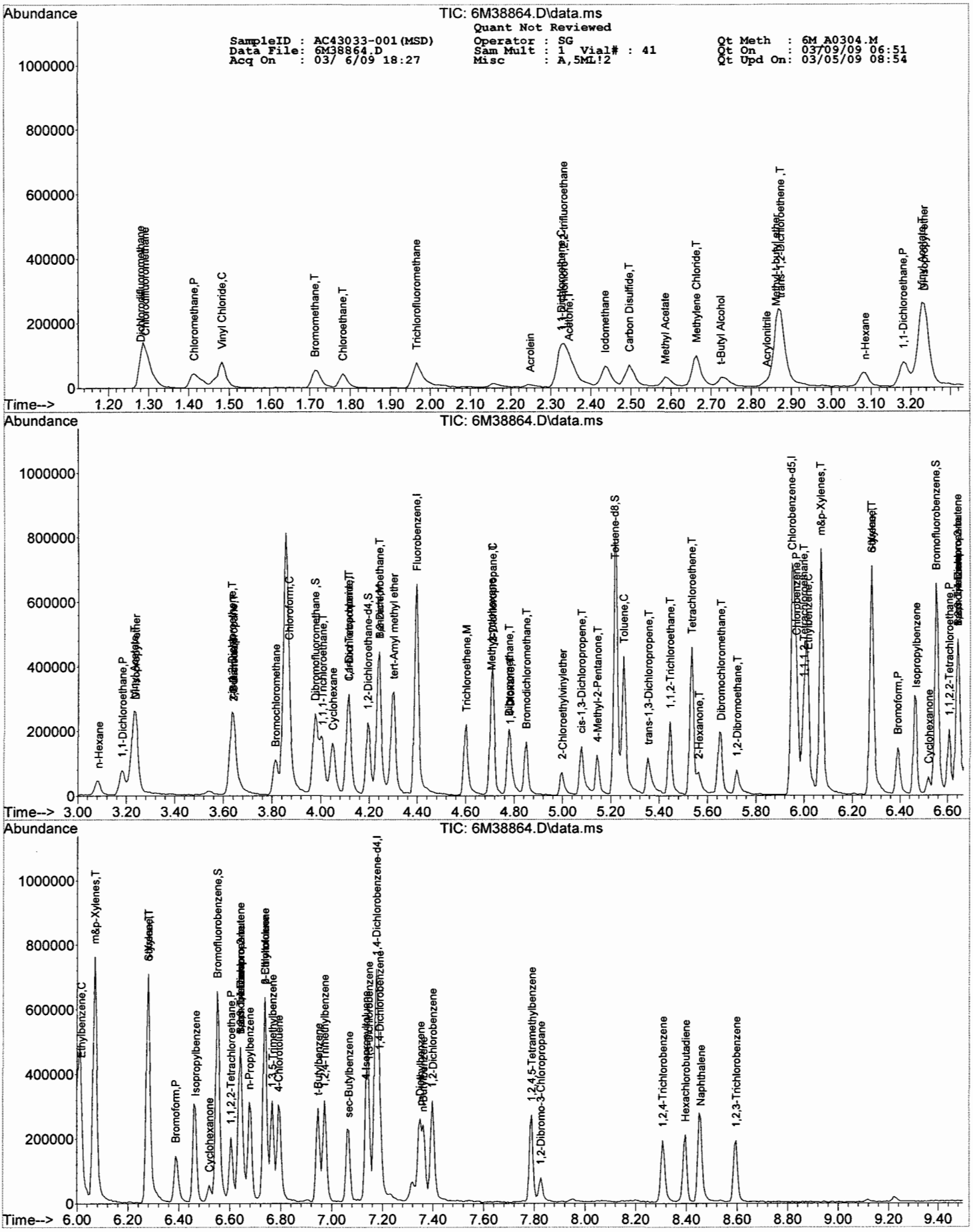
Quantitation Report (Not Reviewed)

SampleID : AC43033-001(MSD) Operator : SG Qt Meth : 6M_A0304.M
Data File: 6M38864.D Sam Mult : 1 Vial# : 41 Qt On : 03/09/09 06:51
Acq On : 03/ 6/09 18:27 Misc : A,5ML!2 Qt Upd On: 03/05/09 08:54

Data Path : G:\GcMsData\2009\GCMS_6\Data\03-06-09\
Qt Path : G:\GCMSDATA\2009\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.279	106	69650	19.90	ug/l	66
68) trans-1,4-Dichloro-2-b...	6.640	53	12859	11.39	ug/l	78
69) 1,3-Dichlorobenzene	7.146	146	87861	15.98	ug/l	82
70) 1,4-Dichlorobenzene	7.188	146	95868	15.64	ug/l	86
71) 1,2-Dichlorobenzene	7.398	146	95853	15.44	ug/l	84
72) Isopropylbenzene	6.466	105	126807	15.69	ug/l	91
73) Cyclohexanone	6.520	55	16160	111.58	ug/l	92
74) 1,2,3-Trichloropropane	6.640	75	67575	13.88	ug/l	91
75) 2-Chlorotoluene	6.736	91	122877	15.91	ug/l	95
76) p-Ethyltoluene	6.736	105	131153	16.59	ug/l	84
77) 4-Chlorotoluene	6.791	91	104757	14.69	ug/l	90
78) n-Propylbenzene	6.676	91	144254	16.15	ug/l	92
79) Bromobenzene	6.640	77	111028	17.64	ug/l	80
80) 1,3,5-Trimethylbenzene	6.767	105	103220	14.65	ug/l	80
81) t-Butylbenzene	6.947	119	95255	16.93	ug/l	83
82) 1,2,4-Trimethylbenzene	6.971	105	118229	17.60	ug/l	87
83) sec-Butylbenzene	7.067	105	105374	16.12	ug/l	92
84) 4-Isopropyltoluene	7.133	119	91301	15.94	ug/l	89
85) n-Butylbenzene	7.362	91	103964	16.84	ug/l	77
86) p-Diethylbenzene	7.350	119	53167	14.39	ug/l	89
87) 1,2,4,5-Tetramethylben...	7.789	119	101670	15.68	ug/l	87
88) 1,2-Dibromo-3-Chloropr...	7.825	157	15646	13.81	ug/l	59
89) Hexachlorobutadiene	8.397	225	36381	13.46	ug/l	97
90) 1,2,4-Trichlorobenzene	8.306	180	52033	16.02	ug/l	93
91) 1,2,3-Trichlorobenzene	8.595	180	53604	16.48	ug/l	96
92) Naphthalene	8.457	128	167692	20.27	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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SampleID : AC43033-001(MSD)
Data File: 6M38864.D
Acq On : 03/ 6/09 18:27
Operator : SG
Sam Mult : 1 Vial# : 41
Misc : A,5ML!2
Qt Meth : 6M_A0304.M
Qt On : 03/09/09 06:51
Qt Upd On: 03/05/09 08:54
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
Ethylbenzene,C
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
n-Butylbenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

GC/MS Volatile Data
Logbook Data

RUN LOG

Instrument: GCMS_3 Year: 2004 0388
Analyst: WP

1-1-3M58969

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M58969.	BFB TUNE		OK,,OK,V-59620,58441,V-60395	DB						02/04 11:28
3M58970.	CAL @ 1 PPB		B-5152	WP		Aqueous	1	1	624 8260	02/04 11:40
3M58971.	CAL @ 0.5 PPB		B-5152	WP		Aqueous	1	1	624 8260	02/04 12:00
3M58972.	CAL @ 5 PPB		B-5152	WP		Aqueous	1	1	624 8260	02/04 12:18
3M58973.	CAL @ 500 PPB	IsC16C18	B-5152	WP		Aqueous	1	1	624 8260	02/04 12:35
3M58974.	CAL @ 250 PPB	Oc	B-5152	WP		Aqueous	1	1	624 8260	02/04 12:52
3M58975.	CAL @ 100 PPB		B-5152	WP		Aqueous	1	1	624 8260	02/04 13:09
3M58976.	CAL @ 50 PPB		B-5152	WP		Aqueous	1	1	624 8260	02/04 13:26
3M58977.	CAL @ 20 PPB		B-5152	WP		Aqueous	1	1	624 8260	02/04 13:43
3M58978.	CAL @ 10 PPB		B-5152	WP		Aqueous	1	1	624 8260	02/04 14:00
3M58979.	ICV		V-60521	WP		Aqueous	1	1	624 8260	02/04 14:17
3M58980.	BLKJUG#1		-	DB		Aqueous	1	1	624 8260	02/04 14:34
3M58981.	DAILY BLANK		OK	KL		Aqueous	1	1	624 8260	02/04 14:51
3M58982.	AC42412-013		OK	KL	VO10-624	Aqueous	1	1	624	02/04 15:08
3M58983.	AC42412-012(10X)		OK	KL	VO10-624	Aqueous	1	10	624	02/04 15:25
3M58984.	MBS11168		OK MBS11168	DB		Aqueous	1	1	624 8260	02/04 15:42
3M58985.	BLK		-	DB		Aqueous	1	1	624 8260	02/04 15:59
3M58986.	AC42381-004		OK	DB	VO10-624	Aqueous	1	1	624	02/04 16:16
3M58987.	AC42357-005		OK	DB	VO10-624	Aqueous	1	1	624	02/04 16:33
3M58988.	AC42357-007		OK	DB	VO10-624	Aqueous	1	1	624	02/04 16:51
3M58989.	AC42357-012(10X)		OK	DB	VO10-624	Aqueous	1	10	624	02/04 17:08
3M58990.	AC42357-011		OK	DB	VO10-624	Aqueous	1	1	624	02/04 17:25
3M58991.	MBS11170		OK MBS11170	DB		Aqueous	1	1	624 8260	02/04 17:42
3M58992.	BLK		-	DB		Aqueous	1	1	624 8260	02/04 17:59
3M58993.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/04 18:16
3M58994.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/04 18:32
3M58995.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/04 18:49
3M58996.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/04 19:06
3M58997.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/04 19:23
3M58998.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/04 19:40
3M58999.	MDL @ 1 PPB					Aqueous	1	1	624 8260	02/04 19:57
3M59000.	1 PPB					Aqueous	1	1	624 8260	02/04 20:14
3M59001.	VER @ 1 PPB					Aqueous	1	1	624 8260	02/04 20:31
3M59002.	1 PPB					Aqueous	1	1	624 8260	02/04 20:48
3M59003.	AC42513-012		OK	DB	VO-PA-8260	Aqueous	1	1	8260	02/04 21:05
3M59004.	AC42510-002		OK	DB	VO10-8260	Aqueous	1	1	8260	02/04 21:21
3M59005.	AC42510-003		OK	DB	VO10-8260	Aqueous	1	1	8260	02/04 21:38
3M59006.	AC42515-003		OK	DB	VO10-624	Aqueous	1	1	624	02/04 21:55
3M59007.	AC42510-001		OK	DB	VO10-8260	Aqueous	1	1	8260	02/04 22:12
3M59008.	AC42515-001		OK	DB	VO10-624	Aqueous	1	1	624	02/04 22:29
3M59009.	AC42315-001(T:MS)		OK	DB	VOTCLP-826	Aqueous	1	1	624 8260	02/04 22:46
3M59010.	AC42315-001(T:MSD)		OK	DB	VOTCLP-826	Aqueous	1	1	624 8260	02/04 23:03
3M59011.	BLK		-	DB		Aqueous	1	1	624 8260	02/04 23:20
3M59012.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/04 23:37
3M59013.	BLK	Ti8	OK	DB		Aqueous	1	1	624 8260	02/04 23:54
3M59014.	MBS11171	Ti8	OK MBS11171	DB		Aqueous	1	1	624 8260	02/05 00:10
3M59015.	MBS11172	Ti8	OK MBS11172	DB		Aqueous	1	1	624 8260	02/05 00:27
3M59016.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/05 00:44
3M59017.	AC42351-004		OK	DB	VO10-624	Aqueous	1	1	624	02/05 01:01
3M59018.	AC42381-003		OK	DB	VO10-624	Aqueous	1	1	624	02/05 01:18
3M59019.	AC42432-002		OK	DB	VO10-624	Aqueous	1	1	624	02/05 01:35
3M59020.	AC42450-007		OK	DB	VO10-624	Aqueous	1	1	624	02/05 01:52
3M59021.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	02/05 02:09
3M59022.	AC42362-011		OK	DB	VO10-624	Aqueous	1	1	624	02/05 02:25
3M59023.	AC42362-010		OK	DB	VO10-624	Aqueous	1	1	624	02/05 02:43
3M59024.	AC42382-001		OK	DB	VO10-624	Aqueous	1	1	624	02/05 03:00
3M59025.	AC42390-001		OK	DB	VO10-624	Aqueous	1	1	624	02/05 03:17
3M59026.	AC42432-001		OK	DB	VO10-624	Aqueous	1	1	624	02/05 03:34
3M59027.	AC42410-005		OK	DB	VO10-624	Aqueous	1	1	624	02/05 03:50
3M59028.	AC42414-004		OK	DB	VO10-624	Aqueous	1	1	624	02/05 04:07
3M59029.	AC42414-006		OK	DB	VO10-624	Aqueous	1	1	624	02/05 04:24
3M59030.	AC42410-001		OK	DB	VO10-624	Aqueous	1	1	624	02/05 04:41
3M59031.	AC42410-002		OK	DB	VO10-624	Aqueous	1	1	624	02/05 04:58
3M59032.	AC42410-003		OK	DB	VO10-624	Aqueous	1	1	624	02/05 05:15
3M59033.	AC42410-004		OK	DB	VO10-624	Aqueous	1	1	624	02/05 05:32
3M59034.	AC42414-002		OK	DB	VO10-624	Aqueous	1	1	624	02/05 05:49

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tolu/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tolu Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calnot csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepnunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

1-1-3M59035

RUN LOG

Instrument: GCMS_3 Year: 2000389
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M59035.	AC42414-003(10X)		OK	DB	VO10-624	Aqueous	1	10	624	02/05 06:09
3M59036.	AC42381-002(10X)		OK	DB	VO10-624	Aqueous	1	10	624	02/05 06:30
3M59037.	AC42356-003(10X)		OK	DB	VO10-624	Aqueous	1	10	624	02/05 06:52

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclo/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclo Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chak rls	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endpo Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eha	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_3 Year: 20390
Analyst: WP

1-1-3M59827

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M59827.	BFB TUNE		OK,V-59620,V-61508,V-58441,V-61032	DB						02/25 06:38
3M59828.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	02/25 06:47
3M59829.	BLK		-	DB		Aqueous	1	1	624 8260	02/25 07:13
3M59830.	DAILY BLANK		OK	DB		Methano	1	1	8260	02/25 07:30
3M59831.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	02/25 07:47
3M59832.	MBS11387		OK MBS11387	DB		Aqueous	1	1	624 8260	02/25 08:04
3M59833.	MBS11388		OK MBS11388	DB		Methano	1	1	8260	02/25 08:21
3M59834.	AC42697-001		USE SOIL RUN	DB	VOBTEX-826	Methano	1	1	8260	02/25 08:38
3M59835.	AC42697-002		USE SOIL RUN	DB	VOBTEX-826	Methano	1	1	8260	02/25 08:55
3M59836.	AC42697-003		USE SOIL RUN	DB	VOBTEX-826	Methano	1	1	8260	02/25 09:12
3M59837.	AC42697-004		OK	DB	VOBTEX-826	Methano	1	1	8260	02/25 09:29
3M59838.	AC42697-005		USE SOIL RUN	DB	VOBTEX-826	Methano	1	1	8260	02/25 09:46
3M59839.	BLKJUG#2		OK	DB		Aqueous	1	1	624 8260	02/25 10:03
3M59840.	BLKTAP		-	DB		Aqueous	1	1	624 8260	02/25 10:20
3M59841.	AC42870-001		OK	DB	VO-8260	Methano	1	1	8260	02/25 10:37
3M59842.	AC42913-001		OK	DB	VOBTEX-624	Aqueous	1	1	624	02/25 10:55
3M59843.	AC42913-002		OK	DB	VOBTEX-624	Aqueous	1	1	624	02/25 11:27
3M59844.	AC42901-002		OK	DB	VO10-624	Aqueous	1	1	624	02/25 11:44
3M59845.	AC42901-003		OK	DB	VO10-624	Aqueous	1	1	624	02/25 12:01
3M59846.	AC42901-001		OK	DB	VO10-624	Aqueous	1	1	624	02/25 12:18
3M59847.	AC42902-001		OK	DB	VO10-624	Aqueous	1	1	624	02/25 12:35
3M59848.	AC42807-003		OK	DB	VOBTEX-624	Aqueous	1	1	624	02/25 12:52
3M59849.	AC42908-001		OK	DB	VO10-624	Aqueous	1	1	624	02/25 13:09
3M59850.	BLKTAP		-	DB		Aqueous	1	1	624 8260	02/25 13:25
3M59851.	BLKJUG#2		OK	DB		Aqueous	1	1	624 8260	02/25 13:42
3M59852.	AC42807-003		OK	DB	VOBTEX-624	Aqueous	1	1	624	02/25 13:59
3M59853.	AC42848-001(MS)	S6S8	-	DB	VO10-624	Aqueous	1	1	624 8260	02/25 14:16
3M59854.	AC42848-001(MSD)		OK MBS11387	DB	VO10-624	Aqueous	1	1	624 8260	02/25 14:33
3M59855.	AC42820-006(MS)		OK MBS11388	DB	VO10-8260	Methano	1	1	8260	02/25 14:50
3M59856.	AC42820-006(MSD)		OK MBS11388	DB	VO10-8260	Methano	1	1	8260	02/25 15:07
3M59857.	BLK		-	DB		Aqueous	1	1	624 8260	02/25 15:24
3M59858.	BLK		-	DB		Aqueous	1	1	624 8260	02/25 15:41
3M59859.	BLK		-	DB		Aqueous	1	1	624 8260	02/25 15:58
3M59860.	AC42848-001(MS)		OK MBS11387	DB	VO10-624	Aqueous	1	1	624 8260	02/25 16:15
3M59861.	BLK		-	DB		Aqueous	1	1	624 8260	02/25 16:32

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calnpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endinp Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Undated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/pndates modcheckpreparinda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_3 Year: 2003 91
Analyst: SG

1-1-3M59940

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M59940.	BFB TUNE		OK,V-59620,V-61560,V-58441,V-61032	DB						02/27 06:34
3M59941.	20 PPB	CnAnc	-	DB		Aqueous	1	1	624 8260	02/27 06:45
3M59942.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	02/27 07:06
3M59943.	BLK		-	DB		Aqueous	1	1	624 8260	02/27 07:24
3M59944.	DAILY BLANK		OK	DB		Methano	1	1	8260	02/27 07:41
3M59945.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	02/27 07:58
3M59946.	MBS11411		OK MBS11411	DB		Methano	1	1	8260	02/27 08:16
3M59947.	MBS11412		OK MBS11412	DB		Aqueous	1	1	624 8260	02/27 08:33
3M59948.	AC42725-016	Ho	-	DB	VOBTEX-624	Aqueous	1	1	624	02/27 08:50
3M59949.	BLKJUG#1		OK	DB		Aqueous	1	1	624 8260	02/27 09:07
3M59950.	AC42940-003		OK	DB	VO10-624	Aqueous	1	1	624	02/27 09:26
3M59951.	AC42940-009		OK	DB	VO10-624	Aqueous	1	1	624	02/27 09:43
3M59952.	AC42940-031		OK	DB	VO10-624	Aqueous	1	1	624	02/27 10:00
3M59953.	AC42940-029		OK	DB	VO10-624	Aqueous	1	1	624	02/27 10:17
3M59954.	AC42959-001		OK	DB	VO10-624	Aqueous	1	1	624	02/27 10:34
3M59955.	AC42959-002		OK	DB	VO10-624	Aqueous	1	1	624	02/27 10:51
3M59956.	AC42940-001		OK	DB	VO10-624	Aqueous	1	1	624	02/27 11:08
3M59957.	AC42940-011		OK	DB	VO10-624	Aqueous	1	1	624	02/27 11:25
3M59958.	AC42940-005		OK	DB	VO10-624	Aqueous	1	1	624	02/27 11:42
3M59959.	AC42940-007		OK	DB	VO10-624	Aqueous	1	1	624	02/27 11:59
3M59960.	AC42940-013		OK	DB	VO10-624	Aqueous	1	1	624	02/27 12:16
3M59961.	AC42939-006		OK	DB	VOBTEX-624	Aqueous	1	1	624	02/27 12:33
3M59962.	AC42939-007		OK	DB	VOBTEX-624	Aqueous	1	1	624	02/27 12:50
3M59963.	AC42939-005		OK	DB	VOBTEX-624	Aqueous	1	1	624	02/27 13:07
3M59964.	AC42928-002		OK	DB	VO10-624	Aqueous	1	1	624	02/27 13:24
3M59965.	AC42928-001(10X)		OK	DB	VO10-624	Aqueous	1	10	624	02/27 13:43
3M59966.	AC42939-008(10X)		OK	DB	VOBTEX-624	Aqueous	1	10	624	02/27 14:04
3M59967.	AC42928-003(100X)		OK	DB	VO10-624	Aqueous	1	100	624	02/27 14:25
3M59968.	BLK		-	DB		Aqueous	1	1	624 8260	02/27 14:42
3M59969.	AC42926-001		OK	DB	VO15-624	Aqueous	1	1	624	02/27 14:59
3M59970.	AC42925-017	Oc	USE 10X RUN	DB	VO15-624	Aqueous	1	1	624	02/27 15:16
3M59971.	AC42901-001(MS)	M16	OK MBS11412	DB	VO10-624	Aqueous	1	1	624 8260	02/27 15:33
3M59972.	BLK		-	DB		Aqueous	1	1	624 8260	02/27 15:50
3M59973.	BLK		-	DB		Aqueous	1	1	624 8260	02/27 16:07
3M59974.	AC42990-001	Oc	RR-5X see Inst 8	DB	VO10-8260	Aqueous	1	1	8260	02/27 16:24
3M59975.	AC42916-008		OK	DB	VO10-8260	Methano	1	1	8260	02/27 17:01
3M59976.	AC42916-003		OK	DB	VO10-8260	Methano	1	1	8260	02/27 17:18
3M59977.	AC42916-015		OK	DB	VO10-8260	Methano	1	1	8260	02/27 17:35
3M59978.	AC42916-014		OK	DB	VO10-8260	Methano	1	1	8260	02/27 17:52
3M59979.	AC42916-005		OK	DB	VO10-8260	Methano	1	1	8260	02/27 18:09
3M59980.	AC42916-004		OK	DB	VO10-8260	Methano	1	1	8260	02/27 18:25
3M59981.	AC42916-009	Ti8	RR-800uL within 12hr clk	DB	VO10-8260	Methano	1	1	8260	02/27 18:42
3M59982.	AC42901-001(MSD)	Ti8R16R18	OK MBS11412	DB	VO10-624	Aqueous	1	1	624 8260	02/27 18:59
3M59983.	BLK	Ti8	OK	DB		Aqueous	1	1	624 8260	02/27 19:16
3M59984.	AC42925-017(5X)	Oc	-	DB	VO15-624	Aqueous	1	5	624	02/27 19:33
3M59985.	MBS11419	Ti8	OK MBS11419	DB		Aqueous	1	1	624 8260	02/27 19:50
3M59986.	MBS11420	Ti8	OK MBS11420	DB		Aqueous	1	1	624 8260	02/27 20:07
3M59987.	AC42955-001		-,ok	DB	VO10-624	Aqueous	1	1	624	02/27 20:24
3M59988.	AC42955-002		OK	DB	VO10-624	Aqueous	1	1	624	02/27 20:41
3M59989.	AC42969-001		OK	DB	VO10-624	Aqueous	1	1	624	02/27 20:58
3M59990.	AC42969-002		OK	DB	VO10-624	Aqueous	1	1	624	02/27 21:15
3M59991.	42955-003	Ti8	OK,-	DB		Aqueous	1	1	624 8260	02/27 21:31
3M59992.	BLK	Ti6Ti8	-	DB		Aqueous	1	1	624 8260	03/02 08:10

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Fsm	Solvent Extraction Data Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Ftn	Tcln/Solvent Extraction Data Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Fto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrn
Bnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calnt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endpo Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6M38725

Instrument: GCMS_6 Year: 2009
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6M38725.	BFB TUNE		OK,V-59620,V-58441,V-61032	DB						03/04 09:36
6M38726.	BLK	IsCnAnc	-	DB		Aqueous	1	1	624 8260	03/04 09:46
6M38727.	PREP BLK	IsCnAnc	-	DB		Aqueous	1	1	624 8260	03/04 10:02
6M38728.	CAL @ 1 PPB		B-5307	DB		Aqueous	1	1	624 8260	03/04 10:17
6M38729.	CAL @ 0.5 PPB		B-5307	DB		Aqueous	1	1	624 8260	03/04 10:34
6M38730.	CAL @ 5 PPB		B-5307	DB		Aqueous	1	1	624 8260	03/04 10:49
6M38731.	CAL @ 500 PPB	Oc	B-5307	DB		Aqueous	1	1	624 8260	03/04 11:05
6M38732.	CAL @ 250 PPB	Oc	B-5307	DB		Aqueous	1	1	624 8260	03/04 11:21
6M38733.	CAL @ 100 PPB	Oc	B-5307	DB		Aqueous	1	1	624 8260	03/04 11:37
6M38734.	CAL @ 50 PPB		B-5307	DB		Aqueous	1	1	624 8260	03/04 11:52
6M38735.	CAL @ 20 PPB		B-5307	DB		Aqueous	1	1	624 8260	03/04 12:08
6M38736.	CAL @ 10 PPB		B-5307	DB		Aqueous	1	1	624 8260	03/04 12:24
6M38737.	BLKJUG#2		-	DB		Aqueous	1	1	624 8260	03/04 12:40
6M38738.	ICV	Ivo	V-61883	DB		Aqueous	1	1	624 8260	03/04 12:56
6M38739.	BLK		-	DB		Aqueous	1	1	624 8260	03/04 13:11
6M38740.	BLK		-	DB		Aqueous	1	1	624 8260	03/04 13:27
6M38741.	DAILY BLANK		OK	DB		Methano	1	1	8260	03/04 13:43
6M38742.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	03/04 13:59
6M38743.	MBS11457		OK MBS11457	DB		Aqueous	1	1	624 8260	03/04 14:14
6M38744.	MBS11458		OK MBS11458	DB		Methano	1	1	8260	03/04 14:30
6M38745.	BLK		-	DB		Aqueous	1	1	624 8260	03/04 14:46
6M38746.	AC43049-001		OK MBS11458	DB	VO-8260	Methano	1	1	8260	03/04 15:02
6M38747.	AC43049-002		OK	DB	VO-8260	Methano	1	1	8260	03/04 15:18
6M38748.	AC43049-003		OK,RR-5g	DB	VO-8260	Methano	1	1	8260	03/04 15:33
6M38749.	AC43049-004		OK	DB	VO-8260	Methano	1	1	8260	03/04 15:49
6M38750.	AC43049-005		RR-5g	DB	VO-8260	Methano	1	1	8260	03/04 16:05
6M38751.	AC43049-006		RR-5g	DB	VO-8260	Methano	1	1	8260	03/04 16:20
6M38752.	AC43049-007		OK	DB	VO-8260	Methano	1	1	8260	03/04 16:36
6M38753.	AC43049-008		RR-5g	DB	VO-8260	Methano	1	1	8260	03/04 16:52
6M38754.	AC43049-009		OK	DB	VO-8260	Methano	1	1	8260	03/04 17:08
6M38755.	AC43049-010		OK	DB	VO-8260	Methano	1	1	8260	03/04 17:24
6M38756.	AC43049-011		RR-5g MBS11478	DB	VO-8260	Methano	1	1	8260	03/04 17:39
6M38757.	AC43049-012		OK	DB	VO-8260	Methano	1	1	8260	03/04 17:55
6M38758.	AC43049-013	S8	RR-800uL - DIRTY	DB	VO-8260	Methano	1	1	8260	03/04 18:11
6M38759.	AC43049-014		OK	DB	VO-8260	Methano	1	1	8260	03/04 18:26
6M38760.	AC43049-001(MS)		OK MBS11458	DB	VO-8260	Methano	1	1	8260	03/04 18:42
6M38761.	AC43049-001(MSD)		OK MBS11458	DB	VO-8260	Methano	1	1	8260	03/04 18:58
6M38762.	BLK		-	DB		Aqueous	1	1	624 8260	03/04 19:14
6M38763.	AC43040-005		RR-1X - TIC CO	DB	VO10-624	Aqueous	1	1	624	03/04 19:29
6M38764.	AC43041-001		OK	DB	VO10-624	Aqueous	1	1	624	03/04 19:45
6M38765.	AC43040-001		OK	DB	VO10-624	Aqueous	1	1	624	03/04 20:01
6M38766.	AC43040-003		OK	DB	VO10-624	Aqueous	1	1	624	03/04 20:17
6M38767.	AC43033-001		OK MBS11487	DB	VO10-624	Aqueous	1	1	624	03/04 20:32
6M38768.	AC43036-007		OK	DB	VO10-624	Aqueous	1	1	624	03/04 20:48
6M38769.	AC43041-004(10X)		OK	DB	VO10-624	Aqueous	1	10	624	03/04 21:07
6M38770.	AC43041-002(10X)		OK	DB	VO10-624	Aqueous	1	10	624	03/04 21:27
6M38771.	AC43041-003(10X)	Oc	RR-20X	DB	VO10-624	Aqueous	1	10	624	03/04 21:47
6M38772.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/04 22:04
6M38773.	AC42925-016(MS)	Ti8	-	DB	VO15-624	Aqueous	1	1	624 8260	03/04 22:20
6M38774.	AC42925-016(MSD)	S6S8Ti8	-	DB	VO15-624	Aqueous	1	1	624 8260	03/04 22:36
6M38775.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/04 22:51
6M38776.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/04 23:07
6M38777.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/04 23:23
6M38778.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/04 23:38
6M38779.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/04 23:54

Anc	Area Not Checked
Ao	Area Out
B6m	Blank 600 series missing
B8m	Blank 8000 series missing
Bnf	Blank Not Found/Assigned
C16	Calibration Column 1 Out (600 Series)
C18	Calibration Column 1 Out (8000 Series)
C26	Calibration Column 2 Out (600 Series)
C28	Calibration Column 2 Out (8000 Series)
C6f	600 series sample/blank did not have passing cal
C8f	8000 series sample/blank did not have passing cal
Cme	Ending Cal missing for sample (8000 series)
Cn	Calibration Not Checked for sample/blank/eval
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals
Dnc	Drift Not Checked
Do	Drift Out
Eba	An Extraction Before Collection Date
Emo	Problem Checking Prep/rundates modcheckprepround
En	Eval Time Not Checked
Eo	Extraction Performed Past Hold
Esm	Solvent Extraction Data Missing/Not check'd
Etn	Tclp/Solvent Extraction Data Missing/Not check'd
Eto	Tclp Extraction Performed Outside of Hold
Ev	Eval Time Exceeded
Hb	Analysis Before Collection Date
Ho	Sample Analyzed outside of hold time
I16 I26	Initial cal 600 series failed Column 1 and or 2
I18 I28	Initial cal 8000 series failed Column 1 and or 2
Is	Initial Cal Not Checked
Iv	Prob with calmt csv for init calibration chek rfs
Iw	Initial cal warning Ini cal file <> method
Ir	Initial Cal Files Not Updated Properly for a sampl
M16 M26	Spike Out Col 1 and or Col 2 600 series
M16a M16b	Spike Out Col 1 600 series Acid and or BN
M18 M28	Spike Out Col 1 and or Col 2 8000 series
M18a M18b	Spike Out Col 1 8000 series Acid and or BN
Mnc	Spike Not Checked for this ms/msd
Oc	Warning Compound(s) Over Calibration
Co	Warning Possible Carry Over
EvF	Eval Mix Failed
Evnc	Eval Mix Not Checked
Evrc	Eval Mix missing ddt or endrin
R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
Ro	Retention Time Out Or %Diff Out
Rtn	Can't Calculate Drift
S6	600 series surrogate out
S8	8000 series surrogate out
Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Sd	Surrogate Diluted Out
Snc	Surrogate Not Checked
Ti5	Outside of 500 series Tune time
Ti6	Outside of 600 series Tune time/Cal Time
Ti8	Outside of 8000 series Tune time/Cal Time
Tm	Too Many Samples/ for beginning Calibration
Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6M38823

Instrument: GCMS_6 Year: 2006
Analyst: SG

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6M38823.	BFB TUNE		OK,V-59620,V-61996,V-58441,V-61032	DB						03/06 06:42
6M38824.	20 PPB	CnAnc	-	DB		Aqueous	1	1	624 8260	03/06 06:52
6M38825.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	03/06 07:17
6M38826.	BLK		-	DB		Aqueous	1	1	624 8260	03/06 07:38
6M38827.	DAILY BLANK		OK	DB		Methano	1	1	8260	03/06 07:54
6M38828.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	03/06 08:10
6M38829.	AC43076-003		OK	DB	VO-8260	Methano	1	1	8260	03/06 08:26
6M38830.	AC43076-002	S8	RR-800uL see below	DB	VO-8260	Methano	1	1	8260	03/06 08:41
6M38831.	AC43076-001(80uL)		RR-800uL - DIRTY	DB	VO-8260	Methano	1	10	8260	03/06 09:00
6M38832.	MBS11478		OK MBS11478	DB		Methano	1	1	8260	03/06 09:18
6M38833.	AC43076-002		OK	DB	VO-8260	Methano	1	1	8260	03/06 09:34
6M38834.	MBS11480		OK MBS11480	DB		Aqueous	1	1	624 8260	03/06 09:50
6M38835.	AC43076-033		OK	DB	VO-8260	Aqueous	1	1	8260	03/06 10:05
6M38836.	AC43076-032		OK	DB	VO-8260	Aqueous	1	1	8260	03/06 10:21
6M38837.	BLKTEST PS					Aqueous	1	1	624 8260	03/06 10:37
6M38838.	BLKJUG#1					Aqueous	1	1	624 8260	03/06 10:53
6M38839.	AC43093-008(5X)		OK	DB	VO-8260	Aqueous	1	5	8260	03/06 11:09
6M38840.	AC43093-013(10X)		OK MBS11480	DB	VO-8260	Aqueous	1	10	8260	03/06 11:28
6M38841.	AC43093-006(10X)		OK	DB	VO-8260	Aqueous	1	10	8260	03/06 11:48
6M38842.	AC43093-015(10X)(MS		OK,RR-10X MBS11480	DB	VO-8260	Aqueous	1	10	624 8260	03/06 12:09
6M38843.	AC43093-016(10X)(MS		OK,RR-10X MBS11480	DB	VO-8260	Aqueous	1	10	624 8260	03/06 12:30
6M38844.	AC43093-003(20X)	Oc	OK	DB	VO-8260	Aqueous	1	20	8260	03/06 12:50
6M38845.	AC43093-005(20X)		OK	DB	VO-8260	Aqueous	1	20	8260	03/06 13:13
6M38846.	AC43093-009(20X)		OK	DB	VO-8260	Aqueous	1	20	8260	03/06 13:33
6M38847.	AC43093-012(50X)		OK	DB	VO-8260	Aqueous	1	50	8260	03/06 13:53
6M38848.	AC43093-003(50X)		OK	DB	VO-8260	Aqueous	1	50	8260	03/06 14:14
6M38849.	AC43076-001		OK	DB	VO-8260	Methano	1	1	8260	03/06 14:31
6M38850.	MBS11481		- MBS11481	DB		Aqueous	1	1	624 8260	03/06 14:47
6M38851.	AC43049-011(MS)		OK MBS11478	DB	VO-8260	Methano	1	1	8260	03/06 15:02
6M38852.	AC43049-011(MSD)		OK MBS11478	DB	VO-8260	Methano	1	1	8260	03/06 15:18
6M38853.	AC43093-019		OK	DB	VO-8260	Aqueous	1	1	8260	03/06 15:34
6M38854.	AC43093-001		OK	DB	VO-8260	Aqueous	1	1	8260	03/06 15:50
6M38855.	AC43093-002		OK	DB	VO-8260	Aqueous	1	1	8260	03/06 16:05
6M38856.	AC43093-019		OK	DB	VO-8260	Aqueous	1	1	8260	03/06 16:21
6M38857.	AC43093-004	Oc	OK	DB	VO-8260	Aqueous	1	1	8260	03/06 16:37
6M38858.	AC43093-007		RR-1X - CO	DB	VO-8260	Aqueous	1	1	8260	03/06 16:53
6M38859.	AC43093-011		OK	DB	VO-8260	Aqueous	1	1	8260	03/06 17:09
6M38860.	AC43093-014		OK	DB	VOBTEX-826	Aqueous	1	1	8260	03/06 17:24
6M38861.	AC43093-010	Oc	RR-20X	DB	VO-8260	Aqueous	1	1	8260	03/06 17:40
6M38862.	AC43093-020		RR-1X - CO	DB	VOBTEX-826	Aqueous	1	1	8260	03/06 17:56
6M38863.	AC43033-001(MS)		OK MBS11487	DB	VO10-624	Aqueous	1	1	624 8260	03/06 18:12
6M38864.	AC43033-001(MSD)		OK MBS11487	DB	VO10-624	Aqueous	1	1	624 8260	03/06 18:27
6M38865.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/06 18:43
6M38866.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/06 18:59
6M38867.	BLK	Ti8	OK	DB		Aqueous	1	1	624 8260	03/06 19:15
6M38868.	MBS11487	Ti8	OK MBS11487	DB		Aqueous	1	1	624 8260	03/06 19:30
6M38869.	MBS11488	Ti8	OK MBS11488	DB		Aqueous	1	1	624 8260	03/06 19:46
6M38870.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/06 20:02
6M38871.	AC43071-011		OK	DB	VO10-624	Aqueous	1	1	624	03/06 20:17
6M38872.	AC43071-015		OK	DB	VO10-624	Aqueous	1	1	624	03/06 20:33
6M38873.	AC43085-002		OK	DB	VO10-624	Aqueous	1	1	624	03/06 20:49
6M38874.	AC43085-003		OK	DB	VO10-624	Aqueous	1	1	624	03/06 21:04
6M38875.	AC43086-002		OK	DB	VO10-624	Aqueous	1	1	624	03/06 21:20
6M38876.	AC43086-003		OK	DB	VO10-624	Aqueous	1	1	624	03/06 21:36
6M38877.	AC43081-011		OK	DB	VO10-624	Aqueous	1	1	624	03/06 21:52
6M38878.	AC43081-012		OK	DB	VO10-624	Aqueous	1	1	624	03/06 22:08
6M38879.	AC43081-013		OK	DB	VO10-624	Aqueous	1	1	624	03/06 22:23
6M38880.	AC43086-001		OK	DB	VO10-624	Aqueous	1	1	624	03/06 22:39
6M38881.	AC42940-023		OK	DB	VO10-624	Aqueous	1	1	624	03/06 22:55
6M38882.	AC43082-003		OK	DB	VO10-624	Aqueous	1	1	624	03/06 23:11
6M38883.	AC43085-001(10X)		OK	DB	VO10-624	Aqueous	1	10	624	03/06 23:29
6M38884.	AC43094-001(10X)		OK	DB	VO10-624	Aqueous	1	10	624	03/06 23:50
6M38885.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/07 00:07
6M38886.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/07 00:23
6M38887.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/07 00:39
6M38888.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/07 00:55

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Eval Mix Failed
B6m	Blank 600 series missing	Ftn	Tcln/Solvent Extraction Date Missing/Not check'd	Fvnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Fto	Tcln Extraction Performed Outside of Hold	Fvrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Srike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Srike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Srike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Fba	An Extraction Before Collection Date	M18a M18b	Srike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Fmp	Problem Checking Prep/cpndates modcheckprepunds	Mnc	Srike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
Fn	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-51813

Prepared By: Revolus, Jean
Description: CYCLOHEXANONE
Prep Date: 9/12/2008
Expiration Date: 9/12/2009
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2726	CYCLOHEXANONE	50 mg	NEAT	10000 ppm
3593	Methanol	5 ml	neat neat	

Veritech Lot Number: V-54401

Prepared By: Revolus, Jean
Description: VOA STOCK INT/SURR MIX
Prep Date: 10/22/2008
Expiration Date: 10/22/2009
Department: Organics
BatchNumber:
Concentration: 1500 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3178	1,2-Dichloroethane-d4	150 mg	NEAT	1500 ppm
1297	TOLUENE-D8	150 mg	NEAT	1500 ppm
1295	CHLOROBENZENE-D5	150 mg	NEAT	1500 ppm
777	1-bromo-4-fluorobenzenne	150 mg	neat	1500 ppm
2615	1,4-Dichlorobenzene-d4	150 mg	neat neat	1500 ppm
3232	Methanol	100 ml	neat neat	
3661	Fluorobenzene	150 mg	NEAT	1500 ppm
3693	Dibromofluoromethane	150 mg	NEAT	1500 ppm

Veritech Lot Number: V-58441

Prepared By: Previlon, Wilner
Description: VOA WORKING INT/SURR MIX
Prep Date: 2/26/2009
Expiration Date: 8/26/2009
Department: Organics
BatchNumber:
Concentration: 150 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1912	METHANOL	225 ml	NEAT	
V-54401	VOA STOCK INT/SURR MIX	25 ml	1500 ppm	150 ppm

Veritech Lot Number: V-59551

Prepared By: Rana, Kalpeshkumar V
Description: VOA ADD MIX
Prep Date: 1/23/2009
Expiration Date: 1/23/2010
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
3741	Methanol	5 ml	neat neat	
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm

Veritech Lot Number: V-59552

Prepared By: Rana, Kalpeshkumar V
Description: VOA ADD MIX(2nd Source)
Prep Date: 1/23/2009
Expiration Date: 1/23/2010
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
3741	Methanol	5 ml	neat neat	
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-59620

Prepared By: Previlon, Wilner
Description: BFB Tune Mix
Prep Date: 1/26/2009
Expiration Date: 6/7/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1.5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58441	VOA WORKING INT/SURR MIX	500 ul	150 ppm	50 ppm
1230	METHANOL	1000 ul	NEAT	

Veritech Lot Number: V-60395

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 2/4/2009
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3838	8260 ADDITIONS	50 ul	2000 ppm	100 ppm
3839	502/524 Voa Cal Mix	50 ul	2000 ppm	100 ppm
3850	Voa Comp Mix # 6(Gases)	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
3443	Custom VOC Standard	50 ul	Various	100 ppm
V-59552	VOA ADD MIX(2nd Source)	20 ul	5000 ppm	100 ppm
3607	Cyclohexanone	50 ul	1008 ug/ml	100 ppm
3749	tert-Amyl methyl ether	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-60511

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 2/4/2009
Expiration Date: 3/13/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3809	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	neat
3442	Custom VOC Mix	100 ul	Various	various ppm
3831	8260 ADDITIONS	100 ul	2000 ppm	various ppm
3712	VOA GASES COMP MIX	100 ul	2000 ppm	200 ppm
3807	tert-Amyl Methyl Ether	100 ul	2000 ppm	200
V-59551	VOA ADD MIX	40 ul	5000 ppm	200
V-51813	CYCLOHEXANONE	100 ul	10000 ppm	200

Veritech Lot Number: V-60512

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 250 PPB
Prep Date: 2/4/2009
Expiration Date: 2/11/2009
Department: Organics
BatchNumber: B-5152
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60511	200ppm VOA Working Std	125 ul	VARIOUS pp	250 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	125 ul	200 ppm	250 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60513

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 100 PPB
Prep Date: 2/4/2009
Expiration Date: 2/11/2009
Department: Organics
BatchNumber: B-5152
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60511	200ppm VOA Working Std	50 ul	VARIOUS pp	100 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	50 ul	200 ppm	100 ppb

Veritech Lot Number: V-60514

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 50 PPB
Prep Date: 2/4/2009
Expiration Date: 2/11/2009
Department: Organics
BatchNumber: B-5152
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60511	200ppm VOA Working Std	25 ul	VARIOUS pp	50 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	25 ul	200 ppm	50 ppb

Veritech Lot Number: V-60515

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 20 PPB
Prep Date: 2/4/2009
Expiration Date: 2/11/2009
Department: Organics
BatchNumber: B-5152
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60511	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Lot Number: V-60516

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 10 PPB
Prep Date: 2/4/2009
Expiration Date: 2/11/2009
Department: Organics
BatchNumber: B-5152
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60511	200ppm VOA Working Std	5 ul	VARIOUS pp	10 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	5 ul	200 ppm	10 ppb

Veritech Lot Number: V-60517

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 5 PPB
Prep Date: 2/4/2009
Expiration Date: 2/11/2009
Department: Organics
BatchNumber: B-5152
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60511	200ppm VOA Working Std	2.5 ul	VARIOUS pp	5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	2.5 ul	200 ppm	5 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60518

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 1 PPB
Prep Date: 2/4/2009
Expiration Date: 2/11/2009
Department: Organics
BatchNumber: B-5152
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60511	200ppm VOA Working Std	.5 ul	VARIOUS pp	1 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.5 ul	200 ppm	1

Veritech Lot Number: V-60519

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 0.5 PPB
Prep Date: 2/4/2009
Expiration Date: 2/11/2009
Department: Organics
BatchNumber: B-5152
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60511	200ppm VOA Working Std	.25 ul	VARIOUS pp	0.5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.25 ul	200 ppm	0.5

Veritech Lot Number: V-60521

Prepared By: Previlon, Wilner
Description: ICV CAL @ 20 PPB
Prep Date: 2/4/2009
Expiration Date: 2/11/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60395	MBS	20 ul	100 ppm	20
1398	p&t water	100 ml	neat neat	neat
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Lot Number: V-61031

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 2/17/2009
Expiration Date: 3/13/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3809	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	neat
3442	Custom VOC Mix	100 ul	Various	various ppm
3831	8260 ADDITIONS	100 ul	2000 ppm	various ppm
3712	VOA GASES COMP MIX	100 ul	2000 ppm	200 ppm
3807	tert-Amyl Methyl Ether	100 ul	2000 ppm	200
V-59551	VOA ADD MIX	40 ul	5000 ppm	200
V-51813	CYCLOHEXANONE	100 ul	10000 ppm	200

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61032

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 2/17/2009
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3838	8260 ADDITIONS	50 ul	2000 ppm	100 ppm
3839	502/524 Voa Cal Mix	50 ul	2000 ppm	100 ppm
3850	Voa Comp Mix # 6(Gases)	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
3443	Custom VOC Standard	50 ul	Various	100 ppm
V-59552	VOA ADD MIX(2nd Source)	20 ul	5000 ppm	100 ppm
3607	Cyclohexanone	50 ul	1008 ug/ml	100 ppm
3749	tert-Amyl methyl ether	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-61508

Prepared By: Previlon, Wilner
Description: CAL @ 20 PPB
Prep Date: 2/25/2009
Expiration Date: 3/4/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61031	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Lot Number: V-61560

Prepared By: Goring, Shawn
Description: CAL @ 20 PPB
Prep Date: 2/27/2009
Expiration Date: 3/6/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61031	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61872

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 250 PPB
Prep Date: 3/4/2009
Expiration Date: 3/11/2009
Department: Organics
BatchNumber: B-5307
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61732	200ppm VOA Working Std	125 ul	VARIOUS pp	250 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	125 ul	200 ppm	250 ppb

Veritech Lot Number: V-61873

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 100 PPB
Prep Date: 3/4/2009
Expiration Date: 3/11/2009
Department: Organics
BatchNumber: B-5307
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61732	200ppm VOA Working Std	50 ul	VARIOUS pp	100 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	50 ul	200 ppm	100 ppb

Veritech Lot Number: V-61874

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 50 PPB
Prep Date: 3/4/2009
Expiration Date: 3/11/2009
Department: Organics
BatchNumber: B-5307
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61732	200ppm VOA Working Std	25 ul	VARIOUS pp	50 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	25 ul	200 ppm	50 ppb

Veritech Lot Number: V-61875

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 20 PPB
Prep Date: 3/4/2009
Expiration Date: 3/11/2009
Department: Organics
BatchNumber: B-5307
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61732	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Lot Number: V-61876

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 10 PPB
Prep Date: 3/4/2009
Expiration Date: 3/11/2009
Department: Organics
BatchNumber: B-5307
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61732	200ppm VOA Working Std	5 ul	VARIOUS pp	10 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	5 ul	200 ppm	10 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61877

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 5 PPB
Prep Date: 3/4/2009
Expiration Date: 3/11/2009
Department: Organics
BatchNumber: B-5307
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61732	200ppm VOA Working Std	2.5 ul	VARIOUS pp	5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	2.5 ul	200 ppm	5 ppb

Veritech Lot Number: V-61878

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 1 PPB
Prep Date: 3/4/2009
Expiration Date: 3/11/2009
Department: Organics
BatchNumber: B-5307
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61732	200ppm VOA Working Std	.5 ul	VARIOUS pp	1 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.5 ul	200 ppm	1

Veritech Lot Number: V-61879

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 0.5 PPB
Prep Date: 3/4/2009
Expiration Date: 3/11/2009
Department: Organics
BatchNumber: B-5307
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61732	200ppm VOA Working Std	.25 ul	VARIOUS pp	0.5 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	.25 ul	200 ppm	0.5

Veritech Lot Number: V-61882

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 500 PPB
Prep Date: 3/4/2009
Expiration Date: 3/11/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61732	200ppm VOA Working Std	250 ul	VARIOUS pp	500 ppb
1398	p&t water	100 ml	neat neat	
3235	CHLORODIFLUOROMETHANE	250 ul	200 ppm	500 ppb

Veritech Lot Number: V-61883

Prepared By: Goring, Shawn
Description: ICV CAL @ 20 PPB
Prep Date: 3/4/2009
Expiration Date: 3/11/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61757	MBS	20 ul	100 ppm	20
1398	p&t water	100 ml	neat neat	neat
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61996

Prepared By:	Goring, Shawn	Department:	Organics
Description:	CAL @ 20 PPB	BatchNumber:	
Prep Date:	3/6/2009	Concentration:	VARIOUS
Expiration Date:	3/13/2009	Final Volume:	100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61732	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 777

Description
1-bromo-4-fluorobenzenne

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	b6,720-1	08115kn	06/05/01	06/11/11	jean	1	25ml	neat	

Veritech Control/Receipt Number: 1230

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	045850	06/22/05	06/22/15	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1295

Description
CHLOROBENZENE-D5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	176605-1G	02702EA	09/06/05	09/30/15	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 1297

Description
TOLUENE-D8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	434388-5G	02504HB	09/06/05	09/30/15	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1308

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	052204	09/14/05	09/14/10	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1398

Description
p&t water

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
veritech	na	na	01/01/08	11/01/10	Batelli, Daniel	1	na	neat	neat

Veritech Control/Receipt Number: 1588

Description
P&T METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	055310	03/03/06	03/03/10	Wickliffe, David	6	1L	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1912

Description
METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	063720	09/07/06	08/28/10	Revolus, Jean	42	1L	NEAT	

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2726

Description
CYCLOHEXANONE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F2326	352-153B	09/04/07	01/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2880

Description
p-ETHYLTOLUENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2413	376-30A	11/19/07	01/31/12	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2881

Description
p-DIETHYLBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2296	371-140A	11/19/07	12/31/10	Revolus, Jean	3	100m	NEAT	

Veritech Control/Receipt Number: 2889

Description
1,2,4,5-TETRAMETHYLBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACROS ORGANI	409390050	A0214190	11/20/07	11/30/20	Revolus, Jean	1	1ML	NEAT	

Veritech Control/Receipt Number: 3178

Description
1,2-Dichloroethane-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	396540-1G	EW0372	03/26/08	03/26/18	Revolus, Jean	1	1g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3232

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9077-02	E20E38	04/15/08	04/14/11	Lopez, Jose	48	1L	neat	neat

Veritech Control/Receipt Number: 3235

Description
CHLORODIFLUOROMETHANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	B8040176	04/15/08	04/14/18	Revolus, Jean	5	1ML	200	PPM

Veritech Control/Receipt Number: 3442

Description
Custom VOC Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B8070002	07/03/08	07/02/09	Revolus, Jean	5	1ml	Various	

Veritech Control/Receipt Number: 3443

Description
Custom VOC Standard

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	B8070005	07/03/08	07/02/09	Revolus, Jean	5	1ml	Various	

Veritech Control/Receipt Number: 3593

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9077-02	E22E25	09/09/08	09/08/10	Okomeng, Maxwel	30	1LT	neat	neat

Veritech Control/Receipt Number: 3607

Description
Cyclohexanone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accustd	M-554-04	108-94-1	09/18/08	03/31/09	Hamid, Akmal	2	1ml	1008	ug/ml

Veritech Control/Receipt Number: 3661

Description
Fluorobenzene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F839	388-117B	10/06/08	09/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3664

Description
Chlorodifluoromethane (Freon#22)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	B8040176	10/10/08	04/14/18	Revolus, Jean	10	1ml	200	PPM

Veritech Control/Receipt Number: 3693

Description
Dibromofluoromethane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30634	A063048	10/22/08	09/30/13	Revolus, Jean	5	100m	NEAT	

Veritech Control/Receipt Number: 3712

Description
VOA GASES COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-601B-10X-PAK	B8070073	11/07/08	07/10/11	Revolus, Jean	10	1ML	2000	PPM

Veritech Control/Receipt Number: 3741

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	907702	G32E79	11/13/08	11/12/10	Okomeng, Maxwel	48	1LT	neat	neat

Veritech Control/Receipt Number: 3749

Description
tert-Amyl methyl ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-06737	LB60583	11/18/08	11/30/11	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3807

Description
tert-Amyl Methyl Ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30629	A052131	01/07/09	05/31/12	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3809

Description
502/524 VOA CAL MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	LVOC-1RPM	414-98A	01/07/09	12/31/09	Revolus, Jean	5	1ML	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3831

Description
8260 ADDITIONS

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8260-ADD-10X	B8110117	01/08/09	03/13/09	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3838

Description
8260 ADDITIONS

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	46831-U	LB55764	01/09/09	12/31/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3839

Description
502/524 Voa Cal Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-02111	LB62001	01/12/09	10/31/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3850

Description
Voa Comp Mix # 6(Gases)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48799-U	LB63139	01/19/09	03/31/10	Revolus, Jean	5	1ML	2000	PPM

GC/MS Semi-Volatile Data

GC/MS Semi-Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 625

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
10M03263.D	WMB4058	Aqueous	03/03/09 11:16	1		60	44	86	81	88	95
5M49124.D	WMB4057	Aqueous	02/26/09 14:29	1		54	38	92	91	112	98
10M03265.D	AC42940-001	Aqueous	03/03/09 12:00	1		54	39	82	82	91	98
10M03266.D	AC42940-003	Aqueous	03/03/09 12:22	1		47	33	76	77	87	92
10M03267.D	AC42940-005	Aqueous	03/03/09 12:45	1		52	38	80	79	86	87
10M03268.D	AC42940-007	Aqueous	03/03/09 13:07	1		55	39	81	82	92	93
10M03269.D	AC42940-009	Aqueous	03/03/09 13:29	1		48	36	71	74	90	94
10M03270.D	AC42940-011	Aqueous	03/03/09 13:51	1		51	38	81	78	88	91
10M03271.D	AC42940-013	Aqueous	03/03/09 14:13	1		54	41	85	83	96	93
10M03272.D	AC42940-029	Aqueous	03/03/09 14:35	1		43	35	79	77	89	93
5M49123.D	WMB4057(MS	Aqueous	02/26/09 14:07	1		56	40	96	91	107	103
5M49125.D	AC42874-001(	Aqueous	02/26/09 14:52	1		75	69	94	93	113	98
5M49126.D	AC42874-001(	Aqueous	02/26/09 15:14	1		71	73	94	88	105	96
5M49127.D	AC42874-001(	Aqueous	02/26/09 15:36	1		62	68	82	89	109	103
5M49166.D	WMB4058(MS	Aqueous	03/03/09 12:31	1		48	38	82	81	92	94

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 625

Aqueous Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	22-101
S2=Phenol-d5	100	1-95
S3=Nitrobenzene-d5	50	50-128
S4=2-Fluorobiphenyl	50	48-123
S5=2,4,6-Tribromophenol	100	10-123
S6=Terphenyl-d14	50	44-132

Form3

MBS Data

Method: 625

Data File:==>					5M49166.D														
Data/Batch/Sample ID:==>					WMB4058(MS)														
Date/Time:==>					03/03/09 12:31														
Compound	Limit(s) Soil	Limit(s) Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,2,4-Trichlorobenz		44-142	1	0	72.97	100	73												
2,4,6-Trichlorophen		37-144	1	0	87.03	100	87												
2,4-Dichlorophenol		39-135	1	0	79.31	100	79												
2,4-Dimethylphenol		32-119	1	0	73.15	100	73												
2,4-Dinitrophenol		1-191	1	0	74.82	100	75												
2,4-Dinitrotoluene		39-139	1	0	79.56	100	80												
2,6-Dinitrotoluene		50-158	1	0	80.71	100	81												
2-Chloronaphthalen		60-118	1	0	79.69	100	80												
2-Chlorophenol		23-134	1	0	72.62	100	73												
2-Nitrophenol		29-182	1	0	80.97	100	81												
3,3'-Dichlorobenzidi		1-262	1	0	112.5	100	113												
4,6-Dinitro-2-methyl		1-181	1	0	91.5	100	92												
4-Bromophenyl-phe		53-127	1	0	84.62	100	85												
4-Chloro-3-methylph		22-147	1	0	82.9	100	83												
4-Chlorophenyl-phe		25-158	1	0	79.91	100	80												
4-Nitrophenol		1-132	1	0	45.19	100	45												
Acenaphthene		47-145	1	0	78.71	100	79												
Acenaphthylene		33-145	1	0	80.86	100	81												
Anthracene		27-133	1	0	80.35	100	80												
Benzo[a]anthracene		33-143	1	0	82.43	100	82												
Benzo[a]pyrene		17-163	1	0	86.44	100	86												
Benzo[b]fluoranthen		24-159	1	0	80.72	100	81												
Benzo[g,h,i]perylene		1-219	1	0	90.73	100	91												
Benzo[k]fluoranthen		11-162	1	0	86.92	100	87												
bis(2-Chloroethoxy)		33-184	1	0	77.47	100	77												
bis(2-Chloroethyl)et		12-158	1	0	73.39	100	73												
bis(2-chloroisopropy		36-166	1	0	73.19	100	73												
bis(2-Ethylhexyl)pht		8-158	1	0	87.71	100	88												
Butylbenzylphthalat		1-152	1	0	88.09	100	88												
Chrysene		17-168	1	0	83.97	100	84												
Dibenzo[a,h]anthrac		1-227	1	0	90.21	100	90												
Diethylphthalate		1-114	1	0	79.51	100	80												
Dimethylphthalate		1-112	1	0	83.31	100	83												
Di-n-butylphthalate		1-118	1	0	83.24	100	83												
Di-n-octylphthalate		4-146	1	0	84.41	100	84												
Fluoranthene		26-137	1	0	84.01	100	84												
Fluorene		59-121	1	0	76.07	100	76												
Hexachlorobenzene		1-152	1	0	80.55	100	81												
Hexachlorobutadien		24-116	1	0	73.05	100	73												
Hexachloroethane		40-113	1	0	70.73	100	71												
Indeno[1,2,3-cd]pyr		1-171	1	0	89.81	100	90												
Isophorone		21-196	1	0	73.18	100	73												
Naphthalene		21-133	1	0	76.12	100	76												
Nitrobenzene		35-180	1	0	80.3	100	80												
N-Nitrosodimethyla		40-109	1	0	54.25	100	54												
N-Nitroso-di-n-propy		1-230	1	0	73.66	100	74												
Pentachlorophenol		14-176	1	0	96.38	100	96												
Phenanthrene		54-120	1	0	85.16	100	85												
Phenol		5-112	1	0	35.73	100	36												
Pyrene		52-115	1	0	81.25	100	81												

Flags/Notes: **** - Values outside of limits for this column/run***

FORM 3

Spike Recovery

Batch Number: WMB4057
Mbs Name: WMB4057(MS)
Ns Name: AC42874-001(T)
Ms Name: AC42874-001(T)(M
Msd Name: AC42874-001(T)(M

Mbs File: 5M49123.D
Non Spk'd File: 5M49125.D
Spike File: 5M49126.D
Spike Dup File: 5M49127.D
Matrix: Aqueous
Method: EPA 625

Mbs Date: 02/26/09 14:07
Non Spk'd Date: 02/26/09 14:52
Spike Date : 02/26/09 15:14
Spike Dup Date: 02/26/09 15:36

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
N-Nitrosodimethylami	3	1	0	100	40	109	17	54.20	0.00	74.84	77.53	54	75	78	3.5
bis(2-Chloroethyl)ethe	8	1	0	100	12	158	12	81.17	0.00	79.12	82.95	81	79	83	4.7
Phenol	10	1	0	100	5	112	27	37.37	0.00	69.18	72.87	37	69	73	5.2
2-Chlorophenol	11	1	0	100	23	134	21	86.32	0.00	88.69	92.54	86	89	93	4.2
bis(2-chloroisopropyl)	17	1	0	100	36	166	14	71.21	0.00	72.21	76.11	71	72	76	5.3
Hexachloroethane	20	1	0	100	40	113	39	83.81	0.00	85.01	88.98	84	85	89	4.6
N-Nitroso-di-n-propyla	21	1	0	100	1	230	14	83.00	0.00	82.68	87.27	83	83	87	5.4
Nitrobenzene	25	1	0	100	35	180	13	89.74	0.00	91.98	95.74	90	92	96	4
Isophorone	26	1	0	100	21	196	12	79.09	0.00	81.02	82.31	79	81	82	1.6
2-Nitrophenol	27	1	0	100	29	182	31	98.52	0.00	101.33	105.00	99	101	105	3.6
2,4-Dimethylphenol	28	1	0	100	32	119	18	87.29	0.00	94.17	97.22	87	94	97	3.2
bis(2-Chloroethoxy)m	30	1	0	100	33	184	12	83.85	0.00	85.79	87.16	84	86	87	1.6
2,4-Dichlorophenol	31	1	0	100	39	135	21	94.98	0.00	97.74	101.46	95	98	101	3.7
1,2,4-Trichlorobenzen	32	1	0	100	44	142	17	90.75	0.00	91.90	93.55	91	92	94	1.8
Naphthalene	33	1	0	100	21	133	16	89.79	0.00	91.48	93.03	90	91	93	1.7
Hexachlorobutadiene	35	1	0	100	24	116	24	91.22	0.00	93.42	94.87	91	93	95	1.5
4-Chloro-3-methylphe	37	1	0	100	22	147	16	96.70	0.00	101.69	106.68	97	102	107	4.8
2,4,6-Trichlorophenol	44	1	0	100	37	144	24	103.59	0.00	106.51	111.09	104	107	111	4.2
2-Chloronaphthalene	47	1	0	100	60	118	13	97.44	0.00	95.99	100.63	97	96	101	4.7
Acenaphthylene	52	1	0	100	33	145	13	95.34	0.00	93.89	98.10	95	94	98	4.4
Dimethylphthalate	53	1	0	100	1	112	12	99.06	0.00	97.58	102.63	99	98	103	5
2,6-Dinitrotoluene	54	1	0	100	50	158	13	101.38	0.00	99.18	107.84	101	99	108	8.4
Acenaphthene	55	1	0	100	47	145	14	92.00	0.00	91.82	95.88	92	92	96	4.3
2,4-Dinitrophenol	57	1	0	100	1	191	37	91.13	0.00	93.19	99.69	91	93	100	6.7
2,4-Dinitrotoluene	59	1	0	100	39	139	13	97.76	0.00	96.57	105.24	98	97	105	8.6
4-Nitrophenol	60	1	0	100	1	132	41	46.98	0.00	90.73	93.44	47	91	93	2.9
Fluorene	62	1	0	100	59	121	14	91.18	0.00	89.37	95.00	91	89	95	6.1
4-Chlorophenyl-phenv	63	1	0	100	25	158	13	93.83	0.00	93.03	98.24	94	93	98	5.4
Diethylphthalate	64	1	0	100	1	114	12	94.75	0.00	92.11	98.16	95	92	98	6.4
4,6-Dinitro-2-methylph	68	1	0	100	1	181	25	96.29	0.00	97.99	103.09	96	98	103	5.1
4-Bromophenyl-phenv	72	1	0	100	53	127	13	97.12	0.00	93.86	98.02	97	94	98	4.3
Hexachlorobenzene	73	1	0	100	1	152	12	94.84	0.00	94.55	99.02	95	95	99	4.6
Pentachlorophenol	75	1	0	100	14	176	31	88.07	0.00	95.24	100.25	88	95	100	5.1
Phenanthrene	76	1	0	100	54	120	12	96.25	0.00	96.28	98.32	96	96	98	2.1
Anthracene	77	1	0	100	27	133	12	92.19	0.00	91.62	94.84	92	92	95	3.5
Di-n-butylphthalate	79	1	0	100	1	118	12	95.98	0.00	94.28	97.78	96	94	98	3.6
Fluoranthene	80	1	0	100	26	137	13	94.72	0.00	95.57	97.93	95	96	98	2.4
Pyrene	82	1	0	100	52	115	13	87.32	0.00	83.53	90.59	87	84	91	8.1
Butylbenzylphthalate	88	1	0	100	1	152	12	98.75	0.00	93.77	101.30	99	94	101	7.7
3,3'-Dichlorobenzidine	92	1	0	100	1	262	40	151.97	0.00	108.34	111.11	152	108	111	2.5
Benzo[a]anthracene	93	1	0	100	33	143	12	92.46	0.00	90.56	96.18	92	91	96	6
Chrysene	94	1	0	100	17	168	12	95.84	0.00	94.17	99.14	96	94	99	5.1
bis(2-Ethylhexyl)phtha	95	1	0	100	8	158	14	100.83	0.00	95.94	103.23	101	96	103	7.3
Di-n-octylphthalate	97	1	0	100	4	146	14	106.06	0.00	97.67	105.01	106	98	105	7.2
Benzo[b]fluoranthene	98	1	0	100	24	159	15	95.57	0.00	88.70	93.78	96	89	94	5.6
Benzo[k]fluoranthene	99	1	0	100	11	162	14	93.68	0.00	96.72	102.40	94	97	102	5.7
Benzo[a]pyrene	1001	0		100	17	163	13	96.35	0.00	94.46	99.24	96	94	99	4.9
Indeno[1,2,3-cd]pyren	1011	0		100	1	171	14	96.78	0.00	100.02	106.28	97	100	106	6.1
Dibenzo[a,h]anthrace	1021	0		100	1	227	14	98.16	0.00	100.23	106.04	98	100	106	5.6
Benzo[g,h,i]perylene	1031	0		100	1	219	15	92.06	0.00	96.08	102.46	92	96	102	6.4

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: WMB4057
Blank Data File: 5M49124.D
Matrix: Aqueous

Blank Analysis Date: 02/26/09 14:29
Blank Extraction Date: 02/26/09
(If Applicable)
Method: EPA 625

Sample Number	Data File	Analysis Date
AC42874-001(T)(M	5M49127.D	02/26/09 15:36
AC42874-001(T)(M	5M49126.D	02/26/09 15:14
AC42874-001(T)	5M49125.D	02/26/09 14:52
WMB4057(MS)	5M49123.D	02/26/09 14:07

FORM 4
Blank Summary

Blank Number: WMB4058
Blank Data File: 10M03263.D
Matrix: Aqueous

Blank Analysis Date: 03/03/09 11:16
Blank Extraction Date: 02/27/09
(If Applicable)
Method: EPA 625

Sample Number	Data File	Analysis Date
AC42940-001	10M03265.D	03/03/09 12:00
AC42940-003	10M03266.D	03/03/09 12:22
AC42940-005	10M03267.D	03/03/09 12:45
AC42940-007	10M03268.D	03/03/09 13:07
AC42940-009	10M03269.D	03/03/09 13:29
AC42940-011	10M03270.D	03/03/09 13:51
AC42940-013	10M03271.D	03/03/09 14:13
AC42940-029	10M03272.D	03/03/09 14:35
WMB4058(MS)	5M49166.D	03/03/09 12:31

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 5
Data File: 5M48935.D
Analysis Date: 02/19/09 09:21
Method: EPA 625

Tune Scan/Time Range: Scan 1432

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	32.7	16255	PASS
68	69	0.00	2	1.5	275	PASS
69	198	0.00	100	37.6	18648	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.3	24000	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	49656	PASS
199	198	5	9	7.2	3569	PASS
275	198	10	30	24.4	12139	PASS
365	198	1	100	2.7	1331	PASS
441	443	0.01	100	76.1	5216	PASS
442	198	40	100	67.4	33480	PASS
443	442	17	23	20.5	6851	PASS

Data File	Sample Number	Analysis Date:
5M48936.D	CAL BNA@50PPM	02/19/09 09:54
5M48937.D	CAL BNA@196PP	02/19/09 10:17
5M48938.D	CAL BNA@160PP	02/19/09 10:52
5M48939.D	CAL BNA@120PP	02/19/09 11:15
5M48940.D	CAL BNA@80PPM	02/19/09 11:37
5M48941.D	CAL BNA@50PPM	02/19/09 11:59
5M48942.D	CAL BNA@20PPM	02/19/09 12:22
5M48943.D	CAL BNA@10PPM	02/19/09 12:45
5M48944.D	CAL BNA@2PPM	02/19/09 13:07
5M48945.D	CAL BNA@10PPM	02/19/09 13:57
5M48946.D	ICV BNA@50PPM	02/19/09 14:20
5M48947.D	WMB4050	02/19/09 14:43
5M48948.D	WMB4050(MS)	02/19/09 15:05
5M48949.D	SMB4045(MS)	02/19/09 15:28
5M48950.D	SMB4045	02/19/09 15:50
5M48951.D	AC42730-008	02/19/09 16:13
5M48952.D	AC42730-008(MS)	02/19/09 16:35
5M48953.D	AC42730-008(MSD	02/19/09 16:58
5M48954.D	AC42730-009	02/19/09 17:20
5M48955.D	AC42730-010	02/19/09 17:43
5M48956.D	AC42730-012	02/19/09 18:05
5M48957.D	AC42730-003	02/19/09 18:27
5M48958.D	AC42730-004	02/19/09 18:50
5M48959.D	AC42730-005	02/19/09 19:12
5M48960.D	AC42730-006	02/19/09 19:34
5M48961.D	AC42680-001(T)	02/19/09 19:57
5M48962.D	AC42724-001(T)	02/19/09 20:19
5M48963.D	AC42750-009(R)	02/19/09 20:41
5M48964.D	AC42756-002	02/19/09 21:03
5M48965.D	AC42756-003	02/19/09 21:25
5M48966.D	AC42756-004	02/19/09 21:48
5M48967.D	AC42756-005	02/19/09 22:10
5M48968.D	AC42756-006	02/19/09 22:32
5M48969.D	AC42733-001	02/19/09 22:54
5M48970.D	AC42733-002	02/19/09 23:16
5M48971.D	AC42734-001	02/19/09 23:38
5M48972.D	AC42734-002	02/20/09 00:00
5M48973.D	AC42760-001	02/20/09 00:23
5M48974.D	AC42760-002	02/20/09 00:45
5M48975.D	AC42762-001	02/20/09 01:07
5M48976.D	AC42762-002	02/20/09 01:29

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 5
Data File: 5M49109.D
Analysis Date: 02/26/09 08:52
Method: EPA 625

Tune Scan/Time Range: Scan 1432

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	38.0	6000	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	45.7	7218	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	51.7	8167	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	15787	PASS
199	198	5	9	7.4	1170	PASS
275	198	10	30	24.2	3817	PASS
365	198	1	100	2.4	376	PASS
441	443	0.01	100	66.5	1304	PASS
442	198	40	100	55.5	8763	PASS
443	442	17	23	22.4	1961	PASS

Data File	Sample Number	Analysis Date:
5M49110.D	CAL BNA@50PPM	02/26/09 09:16
5M49111.D	WMB4056	02/26/09 09:42
5M49112.D	WMB4056(MS)	02/26/09 10:04
5M49113.D	AC42869-001	02/26/09 10:26
5M49114.D	AC42869-002(10X)	02/26/09 10:48
5M49115.D	AC42869-003(10X)	02/26/09 11:10
5M49116.D	AC42869-004(20X)	02/26/09 11:32
5M49117.D	AC42857-006(2X)(	02/26/09 11:54
5M49118.D	AC42869-003(30X)	02/26/09 12:16
5M49119.D	AC42857-004(R)	02/26/09 12:38
5M49120.D	AC42849-004(R)	02/26/09 13:01
5M49121.D	AC42849-005(R)	02/26/09 13:23
5M49122.D	AC42869-004(60X)	02/26/09 13:45
5M49123.D	WMB4057(MS)	02/26/09 14:07
5M49124.D	WMB4057	02/26/09 14:29
5M49125.D	AC42874-001(T)	02/26/09 14:52
5M49126.D	AC42874-001(T)(M	02/26/09 15:14
5M49127.D	AC42874-001(T)(M	02/26/09 15:36
5M49128.D	AC42894-001	02/26/09 15:59
5M49129.D	AC42894-002	02/26/09 16:21
5M49130.D	AC42873-001	02/26/09 16:43
5M49131.D	AC42873-002	02/26/09 17:06
5M49132.D	SMB4054	02/26/09 17:28
5M49133.D	AC42896-001	02/26/09 17:50
5M49134.D	AC42918-010	02/26/09 18:13
5M49135.D	AC42918-011	02/26/09 18:35
5M49136.D	AC42918-012	02/26/09 18:57
5M49137.D	AC42896-002	02/26/09 19:20
5M49138.D	AC42897-002	02/26/09 19:42
5M49139.D	AC42901-001	02/26/09 20:04
5M49140.D	AC42901-002	02/26/09 20:26
5M49141.D	AC42902-001	02/26/09 20:48
5M49142.D	AC42902-002	02/26/09 21:11
5M49143.D	AC42908-001	02/26/09 21:33
5M49144.D	AC42924-008	02/26/09 21:55

Form 5

Tune Name: CAL DFTPP **Data File:** 10M03253.D
Instrument: GCMS 10 **Analysis Date:** 03/03/09 06:57
Method: EPA 625

Tune Scan/Time Range: Average of 9.595 to 9.606 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	47.4	16557	PASS
68	69	0.00	2	0.3	67	PASS
69	198	0.00	100	57.9	20212	PASS
70	69	0.00	2	1.3	257	PASS
127	198	40	60	53.6	18722	PASS
197	198	0.00	1	0.2	74	PASS
198	198	100	100	100.0	34939	PASS
199	198	5	9	8.0	2792	PASS
275	198	10	30	28.8	10050	PASS
365	198	1	100	2.9	1029	PASS
441	443	0.01	100	74.1	3032	PASS
442	198	40	100	62.1	21714	PASS
443	442	17	23	18.9	4094	PASS

Data File	Sample Number	Analysis Date:
10M03254.D	CAL BNA@196PP	03/03/09 07:54
10M03255.D	CAL BNA@160PP	03/03/09 08:16
10M03256.D	CAL BNA@120PP	03/03/09 08:38
10M03257.D	CAL BNA@80PPM	03/03/09 09:00
10M03258.D	CAL BNA@50PPM	03/03/09 09:22
10M03259.D	CAL BNA@20PPM	03/03/09 09:49
10M03260.D	CAL BNA@10PPM	03/03/09 10:10
10M03261.D	CAL BNA@2PPM	03/03/09 10:32
10M03262.D	ICV BNA@50PPM	03/03/09 10:54
10M03263.D	WMB4058	03/03/09 11:16
10M03264.D	WMB4059	03/03/09 11:38
10M03265.D	AC42940-001	03/03/09 12:00
10M03266.D	AC42940-003	03/03/09 12:22
10M03267.D	AC42940-005	03/03/09 12:45
10M03268.D	AC42940-007	03/03/09 13:07
10M03269.D	AC42940-009	03/03/09 13:29
10M03270.D	AC42940-011	03/03/09 13:51
10M03271.D	AC42940-013	03/03/09 14:13
10M03272.D	AC42940-029	03/03/09 14:35

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 5
Data File: 5M49154.D
Analysis Date: 03/03/09 06:59
Method: EPA 625

Tune Scan/Time Range: Scan 1426

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	38.5	5333	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	42.9	5943	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	53.3	7377	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	13841	PASS
199	198	5	9	7.9	1088	PASS
275	198	10	30	25.2	3487	PASS
365	198	1	100	2.4	333	PASS
441	443	0.01	100	70.5	1256	PASS
442	198	40	100	67.2	9295	PASS
443	442	17	23	19.2	1781	PASS

Data File	Sample Number	Analysis Date:
5M49155.D	CAL BNA@196PP	03/03/09 07:57
5M49156.D	CAL BNA@160PP	03/03/09 08:19
5M49157.D	CAL BNA@120PP	03/03/09 08:48
5M49158.D	CAL BNA@80PPM	03/03/09 09:32
5M49159.D	CAL BNA@50PPM	03/03/09 09:54
5M49160.D	CAL BNA@20PPM	03/03/09 10:16
5M49161.D	CAL BNA@10PPM	03/03/09 10:38
5M49162.D	CAL BNA@2PPM	03/03/09 11:00
5M49163.D	ICV BNA@50PPM	03/03/09 11:23
5M49164.D	WMB4058	03/03/09 11:46
5M49165.D	WMB4059	03/03/09 12:09
5M49166.D	WMB4058(MS)	03/03/09 12:31
5M49167.D	WMB4059(MS)	03/03/09 12:53
5M49168.D	AC42945-001(T)	03/03/09 13:15
5M49169.D	AC42945-001(T)(M	03/03/09 13:37
5M49170.D	AC42945-001(T)(M	03/03/09 13:59
5M49171.D	AC42945-002(T)	03/03/09 14:22
5M49172.D	AC42901-001(R)	03/03/09 14:44
5M49173.D	AC42925-017	03/03/09 15:06

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M48941.D Method: EPA 625

Analysis Date/Time: 02/19/09 11:59

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	48403	5.79	177787	6.81	103247	8.23	188175	9.70	183324	12.75	188153	14.37
Eval File Area Limit:	24202-96806		88894-355574		51624-206494		94088-376350		91662-366648		94076-376306	
Eval File Rt Limit:	5.29-6.29		6.31-7.31		7.73-8.73		9.2-10.2		12.25-13.25		13.87-14.87	

Data File	Sample											
5M48937.D	CAL BNA@1	50307	5.79	191744	6.81	116654	8.24	214915	9.70	199470	12.77	206518	14.38
5M48938.D	CAL BNA@1	59951	5.79	224179	6.81	131268	8.24	229071	9.71	219774	12.77	235293	14.39
5M48939.D	CAL BNA@1	53987	5.79	201860	6.81	125939	8.24	230256	9.70	204340	12.76	203570	14.38
5M48940.D	CAL BNA@8	45414	5.79	165830	6.81	101835	8.24	181070	9.70	172584	12.76	179276	14.37
5M48941.D	CAL BNA@5	48403	5.79	177787	6.81	103247	8.23	188175	9.70	183324	12.75	188153	14.37
5M48942.D	CAL BNA@2	53036	5.79	193759	6.80	113665	8.23	201375	9.70	209869	12.75	213891	14.37
5M48944.D	CAL BNA@2	55929	5.79	209569	6.80	124727	8.23	214666	9.70	217182	12.75	208876	14.37
5M48945.D	CAL BNA@1	73106	5.79	269957	6.81	158336	8.24	285451	9.70	292507	12.75	291011	14.38
5M48946.D	ICV BNA@50	50573	5.79	181138	6.81	107784	8.23	192623	9.70	194647	12.75	195597	14.37
5M48947.D	WMB4050	47077	5.79	179841	6.80	109108	8.23	189711	9.70	189833	12.75	193747	14.37
5M48948.D	WMB4050(M	50975	5.79	183723	6.81	114736	8.23	208227	9.70	186762	12.76	183477	14.38
5M48963.D	AC42750-009	40501	5.79	145368	6.80	87835	8.23	152866	9.69	152096	12.75	147526	14.37
5M48964.D	AC42756-002	44413	5.79	165486	6.80	101361	8.23	172268	9.69	166881	12.75	160393	14.37
5M48965.D	AC42756-003	47383	5.79	178101	6.80	107181	8.23	183976	9.69	179394	12.75	172179	14.37
5M48966.D	AC42756-004	47392	5.79	177083	6.80	105810	8.23	183450	9.69	176079	12.75	166016	14.37
5M48967.D	AC42756-005	49972	5.79	185887	6.80	111588	8.23	191990	9.69	181856	12.75	170439	14.37
5M48968.D	AC42756-006	42394	5.79	160238	6.80	94479	8.23	163213	9.69	153221	12.75	152030	14.37
5M48969.D	AC42733-001	45789	5.79	158999	6.80	89768	8.23	155310	9.69	157780	12.75	158232	14.37
5M48970.D	AC42733-002	46965	5.79	178812	6.80	105404	8.23	186362	9.69	174979	12.75	174076	14.37
5M48971.D	AC42734-001	45543	5.79	170196	6.80	103781	8.23	181305	9.69	182185	12.75	175058	14.37
5M48972.D	AC42734-002	51324	5.79	197629	6.80	121783	8.23	212450	9.69	198781	12.75	181735	14.37
5M48973.D	AC42760-001	43966	5.79	165291	6.80	97903	8.23	168054	9.69	163649	12.75	160260	14.37
5M48974.D	AC42760-002	44505	5.79	173481	6.80	105747	8.23	185216	9.69	167431	12.75	159029	14.37
5M48975.D	AC42762-001	44212	5.79	163510	6.80	92709	8.23	162102	9.69	163668	12.75	159340	14.37
5M48976.D	AC42762-002	44461	5.79	170285	6.80	101647	8.23	176694	9.69	166800	12.75	159008	14.37

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M49110.D Method: EPA 625

Analysis Date/Time: 02/26/09 09:16

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	26718	5.75	97956	6.76	59159	8.19	109134	9.65	114156	12.70	117211	14.32
Eval File Area Limit:	13359-53436		48978-195912		29580-118318		54567-218268		57078-228312		58606-234422	
Eval File Rt Limit:	5.25-6.25		6.26-7.26		7.69-8.69		9.15-10.15		12.2-13.2		13.82-14.82	

Data File	Sample											
5M49111.D	WMB4056	27340	5.75	102495	6.76	63969	8.19	116572	9.64	123855	12.70	128680	14.31
5M49112.D	WMB4056(M	24371	5.75	83333	6.76	54321	8.19	98924	9.64	103087	12.70	100376	14.32
5M49113.D	AC42869-001	25277	5.74	94866	6.76	57827	8.19	101923	9.64	111781	12.69	116128	14.31
5M49114.D	AC42869-002	29850	5.74	108717	6.76	61603	8.19	109212	9.64	123664	12.70	124876	14.31
5M49115.D	AC42869-003	30065	5.74	109750	6.76	66598	8.19	116961	9.64	125971	12.69	130000	14.31
5M49116.D	AC42869-004	28178	5.74	100935	6.76	57214	8.19	103773	9.64	101378	12.69	118669	14.31
5M49117.D	AC42857-006	33011	5.74	116756	6.76	91202	8.19	117873	9.64	122708	12.70	121208	14.31
5M49118.D	AC42869-003	29476	5.74	113862	6.76	69527	8.19	125385	9.64	132008	12.69	137576	14.31
5M49119.D	AC42857-004	27505	5.74	101544	6.76	59094	8.19	102063	9.64	104407	12.69	107351	14.31
5M49122.D	AC42869-004	32698	5.75	122987	6.76	69964	8.19	124845	9.64	134152	12.69	138324	14.31
5M49123.D	WMB4057(M	28596	5.75	99113	6.76	62449	8.19	116148	9.64	113968	12.70	111021	14.31
5M49124.D	WMB4057	25771	5.74	97743	6.76	61292	8.19	109153	9.64	117287	12.69	117517	14.31
5M49125.D	AC42874-001	25278	5.74	90378	6.76	56633	8.19	102867	9.64	110736	12.69	113843	14.31
5M49126.D	AC42874-001	25197	5.75	84354	6.76	54170	8.19	98922	9.64	101301	12.70	100884	14.31
5M49127.D	AC42874-001	24637	5.75	86043	6.76	54250	8.19	102083	9.64	101055	12.70	101276	14.31
5M49128.D	AC42894-001	32001	5.75	114377	6.76	64165	8.19	111820	9.64	132826	12.69	139488	14.31
5M49129.D	AC42894-002	32528	5.75	125172	6.76	80067	8.19	148539	9.64	160658	12.69	161975	14.31
5M49130.D	AC42873-001	25994	5.74	98972	6.76	62913	8.19	113751	9.64	121162	12.69	123258	14.31
5M49131.D	AC42873-002	24854	5.75	94078	6.76	57946	8.19	106656	9.64	114748	12.69	120803	14.31
5M49133.D	AC42896-001	29164	5.75	109172	6.76	62097	8.19	114232	9.64	123847	12.69	133475	14.31
5M49137.D	AC42896-002	23277	5.74	86289	6.76	56517	8.19	102444	9.64	106588	12.69	109035	14.31
5M49138.D	AC42897-002	21672	5.74	83682	6.76	51032	8.19	90208	9.64	99009	12.69	103528	14.31
5M49139.D	AC42901-001	19092	5.74	73419	6.76	46517	8.19	84131	9.64	92719	12.69	99104	14.31
5M49140.D	AC42901-002	19005	5.74	72162	6.76	46432	8.19	84791	9.64	92553	12.69	94461	14.31
5M49141.D	AC42902-001	19669	5.74	69243	6.76	41861	8.19	78977	9.64	91131	12.69	95935	14.31
5M49142.D	AC42902-002	19331	5.74	71274	6.76	45981	8.19	81626	9.64	87783	12.69	91923	14.31
5M49143.D	AC42908-001	17595	5.74	60868	6.76	38843	8.19	68251	9.64	81406	12.69	89263	14.31
5M49144.D	AC42924-008	19337	5.74	74173	6.76	44396	8.19	77550	9.64	82263	12.69	86759	14.31

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M49159.D Method: EPA 625

Analysis Date/Time: 03/03/09 09:54

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	23346	5.72	82170	6.74	49565	8.15	91737	9.61	94031	12.66	98021	14.27
Eval File Area Limit:	11673-46692		41085-164340		24782-99130		45868-183474		47016-188062		49010-196042	
Eval File Rt Limit:	5.22-6.22		6.24-7.24		7.65-8.65		9.11-10.11		12.16-13.16		13.77-14.77	

Data File	Sample											
5M49155.D	CAL BNA@1	20691	5.72	73368	6.74	47341	8.16	89467	9.62	92553	12.68	92287	14.29
5M49156.D	CAL BNA@1	20005	5.72	71998	6.74	46071	8.16	88210	9.61	89986	12.67	87348	14.28
5M49157.D	CAL BNA@1	22575	5.72	81621	6.74	51473	8.16	96367	9.61	95158	12.67	96699	14.28
5M49158.D	CAL BNA@8	21999	5.72	79008	6.74	49075	8.16	93204	9.61	100752	12.66	108625	14.28
5M49159.D	CAL BNA@5	23346	5.72	82170	6.74	49565	8.15	91737	9.61	94031	12.66	98021	14.27
5M49160.D	CAL BNA@2	25053	5.72	93826	6.73	58159	8.15	108012	9.61	116852	12.66	123392	14.27
5M49161.D	CAL BNA@1	22774	5.72	86670	6.73	54593	8.15	98225	9.61	108284	12.66	113010	14.27
5M49162.D	CAL BNA@2	23000	5.72	90390	6.73	56661	8.15	102536	9.61	114537	12.66	117153	14.27
5M49163.D	ICV BNA@50	23539	5.72	82983	6.73	51357	8.15	94480	9.61	103645	12.66	103336	14.27
5M49164.D	WMB4058	21995	5.72	86202	6.73	55202	8.15	99171	9.61	109306	12.66	116930	14.27
5M49165.D	WMB4059	19824	5.72	76568	6.73	48995	8.15	89364	9.61	99929	12.66	110682	14.27
5M49166.D	WMB4058(M	22244	5.72	76517	6.74	49528	8.15	90149	9.61	90772	12.66	88379	14.27
5M49167.D	WMB4059(M	27057	5.72	94655	6.74	60803	8.15	110785	9.61	110887	12.67	106993	14.28
5M49169.D	AC42945-001	21595	5.72	76156	6.74	49518	8.15	88320	9.61	89402	12.66	87605	14.27
5M49170.D	AC42945-001	22315	5.72	76945	6.74	48847	8.15	89240	9.61	89964	12.66	86619	14.27
5M49172.D	AC42901-001	22785	5.72	86586	6.73	53767	8.15	94824	9.61	101339	12.66	107757	14.27
5M49173.D	AC42925-017	21780	5.72	80932	6.73	48450	8.15	76431	9.61	60756	12.67	68483	14.31

I1 =	1,4-Dichlorobenzene-d4	**I4 =**	Phenanthrene-d10	**625/8270 Internal Standard concentration = 40 mg/L (in final extract)**
I2 =	Nanhthalene-d8	**I5 =**	Chrysene-d12	**624/8260 Internal Standard concentration = 30ug/L**
I3 =	Acenanhthene-d10	**I6 =**	Perylene-d12	**524 Internal Standard concentration =5ug/L**

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 10M03258.D Method: EPA 625

Analysis Date/Time: 03/03/09 09:22

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	59251	5.50	221134	6.51	132676	7.89	232461	9.31	252176	12.32	280329	13.90
Eval File Area Limit:	29626-118502		110567-442268		66338-265352		116230-464922		126088-504352		140164-560658	
Eval File Rt Limit:	5-6		6.01-7.01		7.39-8.389999		8.81-9.81		11.82-12.82		13.4-14.4	

Data File	Sample												
10M03254.	CAL BNA@1	66568	5.50	256136	6.51	155329	7.89	265625	9.31	277765	12.33	307148	13.91
10M03255.	CAL BNA@1	70638	5.50	267733	6.51	162147	7.89	280613	9.31	297685	12.32	307353	13.91
10M03256.	CAL BNA@1	71023	5.50	269297	6.51	163935	7.89	280882	9.31	281764	12.32	283816	13.91
10M03257.	CAL BNA@8	63611	5.50	239412	6.51	142326	7.89	242855	9.31	260314	12.32	279465	13.91
10M03258.	CAL BNA@5	59251	5.50	221134	6.51	132676	7.89	232461	9.31	252176	12.32	280329	13.90
10M03259.	CAL BNA@2	70195	5.50	268979	6.51	162836	7.89	290992	9.31	318224	12.32	344732	13.91
10M03260.	CAL BNA@1	57573	5.50	212107	6.51	126255	7.89	222886	9.31	243750	12.31	271906	13.90
10M03261.	CAL BNA@2	55190	5.50	212494	6.51	130269	7.89	227540	9.31	240265	12.31	266967	13.90
10M03262.	ICV BNA@50	66357	5.50	252700	6.51	150443	7.89	258683	9.31	272666	12.32	279963	13.90
10M03263.	WMB4058	72603	5.50	279999	6.51	170402	7.89	302466	9.31	324720	12.31	369184	13.90
10M03264.	WMB4059	71225	5.50	269767	6.51	167234	7.89	292439	9.30	313670	12.31	355093	13.90
10M03265.	AC42940-001	71347	5.50	274946	6.51	169162	7.89	296788	9.31	312783	12.31	352556	13.90
10M03266.	AC42940-003	68572	5.50	262073	6.51	160120	7.89	275976	9.31	303915	12.31	348992	13.90
10M03267.	AC42940-005	75909	5.50	287075	6.51	174602	7.89	304927	9.31	329284	12.31	358341	13.90
10M03268.	AC42940-007	72332	5.50	274410	6.51	166414	7.89	292868	9.31	316889	12.31	359504	13.90
10M03269.	AC42940-009	68953	5.50	265332	6.51	162174	7.89	274742	9.31	299983	12.31	337596	13.90
10M03270.	AC42940-011	67883	5.50	249645	6.51	154717	7.89	268538	9.31	285728	12.31	325396	13.90
10M03271.	AC42940-013	67576	5.50	254135	6.51	154385	7.89	270312	9.31	296109	12.31	336247	13.90
10M03272.	AC42940-029	68472	5.50	260529	6.51	157577	7.89	276632	9.31	303391	12.31	346378	13.90

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

GC/MS Semi-Volatile Data
Sample Data

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 10M03265.D
Analysis Date: 03/03/09 12:00
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	2.2	U
95-48-7	2-Methylphenol	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	11	U
106-47-8	4-Chloroaniline	2.2	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	2.2	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	2.2	U
208-96-8	Acenaphthylene	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
92-87-5	Benzidine	11	U	87-86-5	Pentachlorophenol	11	U
56-55-3	Benzo[a]anthracene	2.2	U	85-01-8	Phenanthrene	2.2	U
50-32-8	Benzo[a]pyrene	2.2	U	108-95-2	Phenol	2.2	U
205-99-2	Benzo[b]fluoranthene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 10M03265.D
Analysis Date: 03/03/09 12:00
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		unknown	8.74	4.7 J
2	140-66-9	Phenol, 4-(1,1,3,3-tetramethylbutyl)-	8.79	13 J
3	25154-52-3	Phenol, nonyl-	8.82	13 J
4	104-40-5	Phenol, 4-nonyl-	8.86	9.9 J
5	25154-52-3	Phenol, nonyl-	8.88	5.8 J
6	107-80-2	Butane, 1,3-dibromo-	8.92	9.6 J
7	25154-52-3	Phenol, nonyl-	8.97	15 J
8	140-66-9	Phenol, 4-(1,1,3,3-tetramethylbutyl)-	9.01	15 J
9		unknown	9.05	9.2 J

Worksheet #: 110511

Total Tentatively Identified Concentration 95

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

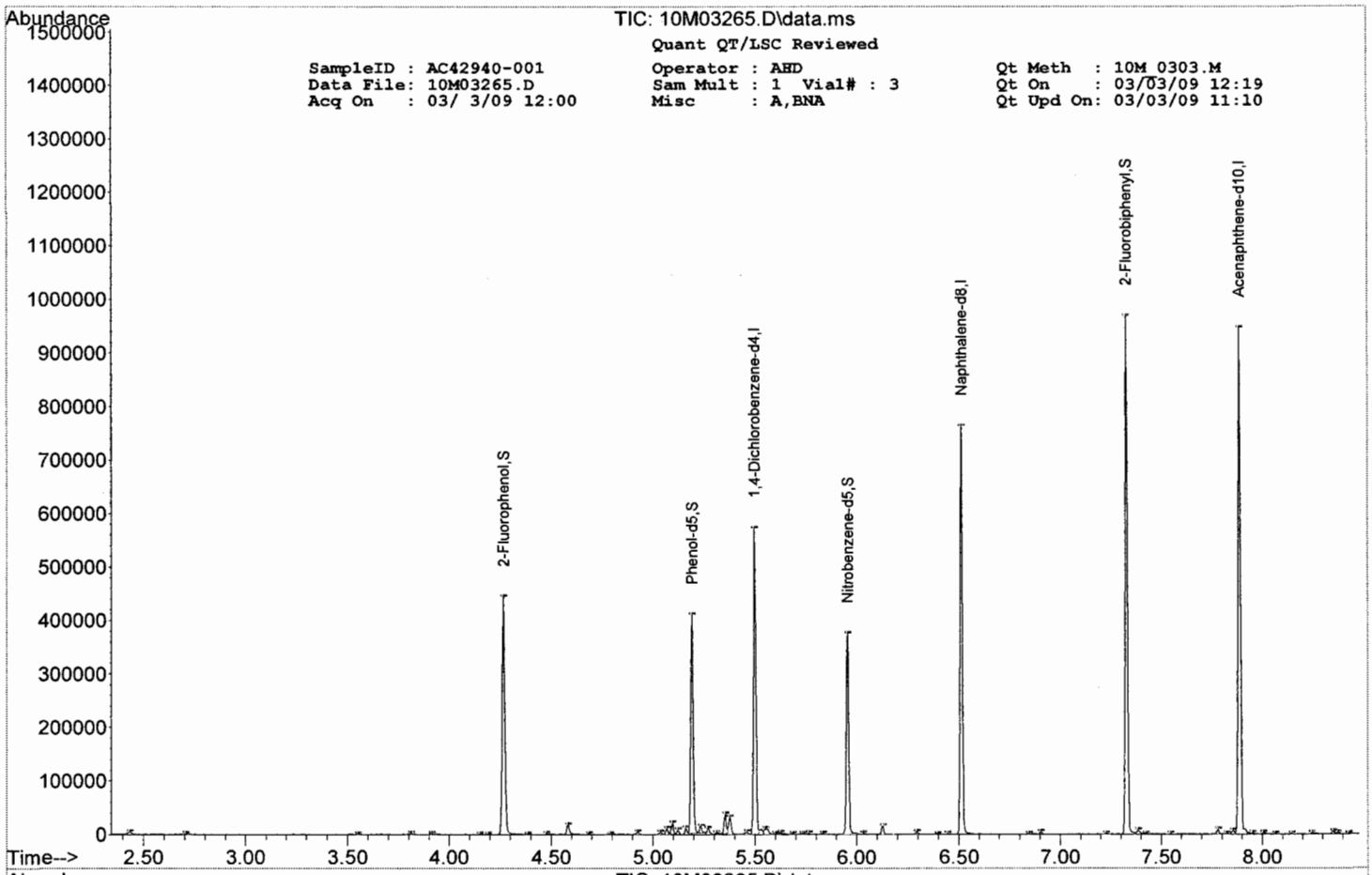
Quantitation Report (QT/LSC Reviewed)

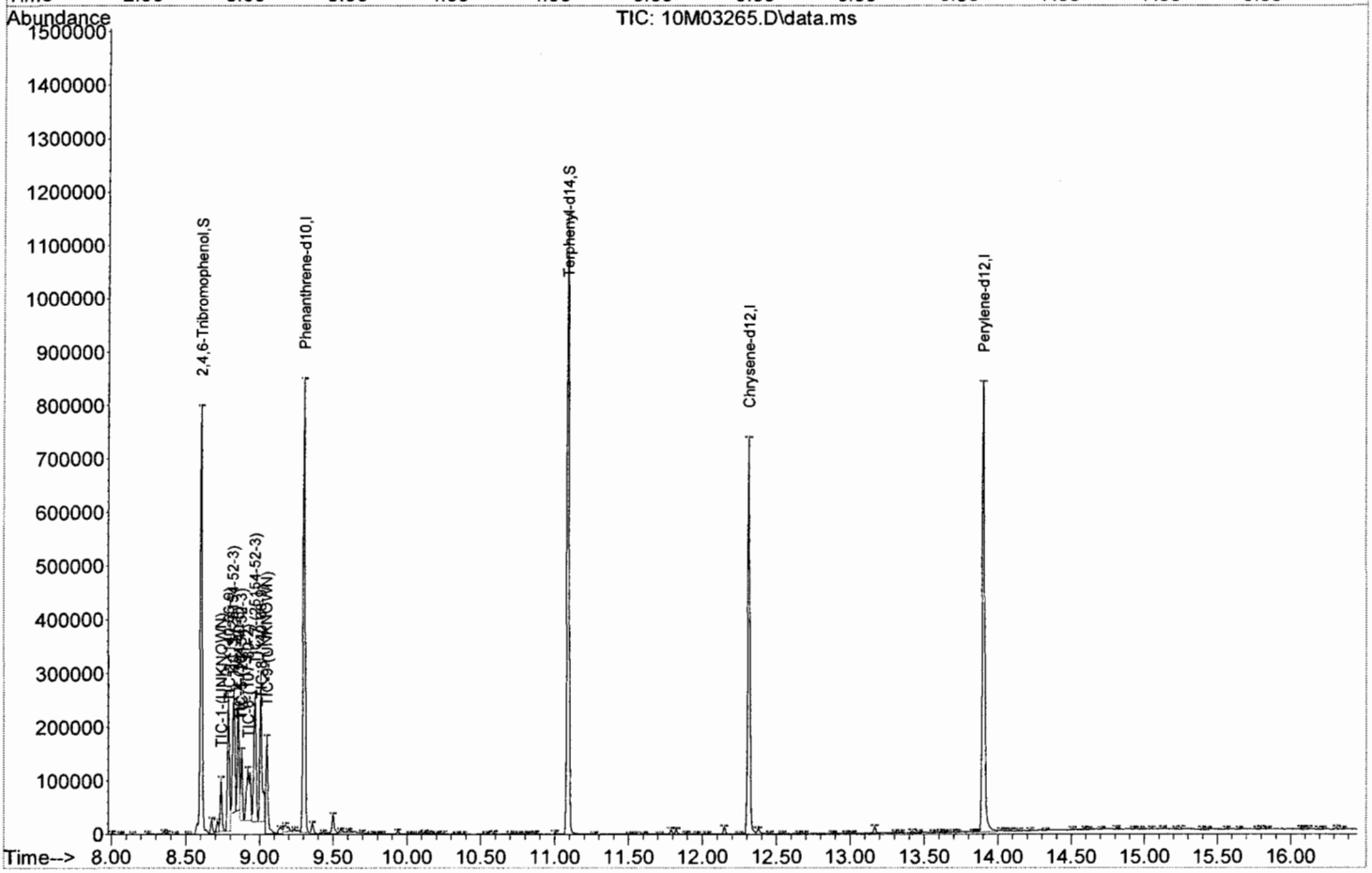
SampleID : AC42940-001 Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03265.D Sam Mult : 1 Vial# : 3 Qt On : 03/03/09 12:19
Acq On : 03/ 3/09 12:00 Misc : A,BNA Qt Upd On: 03/03/09 11:10

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	71347	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	274946	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	169162	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	296788	40.00	ng	0.00
81) Chrysene-d12	12.312	240	312783	40.00	ng	0.00
96) Perylene-d12	13.901	264	352556	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	111360	53.98	ng	0.00
Spiked Amount 100.000			Recovery = 53.98%			
9) Phenol-d5	5.193	99	110973	38.86	ng	0.00
Spiked Amount 100.000			Recovery = 38.86%			
24) Nitrobenzene-d5	5.958	128	47061	40.88	ng	0.00
Spiked Amount 50.000			Recovery = 81.76%			
46) 2-Fluorobiphenyl	7.327	172	251100	41.06	ng	0.00
Spiked Amount 50.000			Recovery = 82.12%			
70) 2,4,6-Tribromophenol	8.605	330	108487	91.43	ng	0.00
Spiked Amount 100.000			Recovery = 91.43%			
84) Terphenyl-d14	11.087	244	427707	48.88	ng	0.00
Spiked Amount 50.000			Recovery = 97.76%			
Target Compounds						Qvalue
Library Search Compounds						
1) UNKNOWN	8.740		83602	4.22	ng	--
2) 140-66-9	8.790		227873	11.52	ng	72
3) 25154-52-3	8.820		239277	12.09	ng	93
4) 104-40-5	8.860		177006	8.94	ng	96
5) 25154-52-3	8.880		103343	5.22	ng	60
6) 107-80-2	8.920		171681	8.68	ng	78
7) 25154-52-3	8.970		264541	13.37	ng	87
8) 140-66-9	9.010		275756	13.94	ng	78
9) UNKNOWN	9.050		164039	8.29	ng	--

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03265.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC42940-001
Data File: 10M03265.D
Acq On : 03/ 3/09 12:00
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 10M 0303.M
Qt On : 03/03/09 12:19
Qt Upd On: 03/03/09 11:10
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
Time-->


Abundance
TIC: 10M03265.D\data.ms
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03265.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.433	8	18	24	rVB4	4665	8692	0.78%	0.085%
2	2.706	66	69	75	rBB3	1798	2995	0.27%	0.029%
3	3.551	224	227	233	rBB2	659	988	0.09%	0.010%
4	3.813	270	276	284	rVB3	2419	3080	0.28%	0.030%
5	3.915	290	295	299	rBV2	2138	3105	0.28%	0.030%
6	4.150	336	339	345	rBV2	733	1195	0.11%	0.012%
7	4.193	345	347	354	rVV2	750	1196	0.11%	0.012%
8	4.268	354	361	374	rVV	443451	390998	35.26%	3.816%
9	4.385	380	383	389	rVB	860	1339	0.12%	0.013%
10	4.476	394	400	410	rVB2	1821	3407	0.31%	0.033%
11	4.583	415	420	426	rBV	17193	16509	1.49%	0.161%
12	4.685	435	439	442	rVB	1426	1312	0.12%	0.013%
13	4.792	453	459	461	rBV2	1038	1315	0.12%	0.013%
14	4.926	478	484	489	rBB	4775	4741	0.43%	0.046%
15	5.038	500	505	508	rBB	4453	3443	0.31%	0.034%
16	5.070	508	511	513	rBV2	11084	8903	0.80%	0.087%
17	5.097	513	516	518	rVV	19980	13486	1.22%	0.132%
18	5.123	518	521	524	rVB	8826	6162	0.56%	0.060%
19	5.161	524	528	530	rBV	12111	8195	0.74%	0.080%
20	5.193	530	534	539	rVV	407665	318083	28.68%	3.104%
21	5.236	539	542	546	rVV	11649	10122	0.91%	0.099%
22	5.268	546	548	554	rVB2	10457	9080	0.82%	0.089%
23	5.311	554	556	560	rBV3	2448	2985	0.27%	0.029%
24	5.353	560	564	566	rBV	36358	28197	2.54%	0.275%
25	5.375	566	568	575	rVB	31542	28225	2.55%	0.275%
26	5.460	575	584	586	rBV2	4704	5835	0.53%	0.057%
27	5.498	586	591	595	rBV	571533	418392	37.73%	4.084%
28	5.551	599	601	607	rVB4	10741	14487	1.31%	0.141%
29	5.599	607	610	613	rBV	1580	1984	0.18%	0.019%
30	5.626	613	615	616	rBV2	3100	1892	0.17%	0.018%
31	5.685	622	626	629	rBB	1557	1470	0.13%	0.014%
32	5.733	629	635	637	rBV	1466	2429	0.22%	0.024%
33	5.765	638	641	644	rVB2	2358	1901	0.17%	0.019%
34	5.835	649	654	657	rBB3	1872	2124	0.19%	0.021%
35	5.958	669	677	688	rBV	374787	314701	28.38%	3.071%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

36	6.033	688	691	697	rVB3	2296	2340	0.21%	0.023%
37	6.129	705	709	719	rBB	15587	12668	1.14%	0.124%
38	6.295	737	740	745	rBV	4887	4283	0.39%	0.042%
39	6.396	756	759	765	rBV2	856	1344	0.12%	0.013%
40	6.445	765	768	774	rVV2	2004	1986	0.18%	0.019%
41	6.514	774	781	795	rBV	762368	579027	52.21%	5.651%
42	6.846	837	843	845	rBV	1484	1754	0.16%	0.017%
43	6.905	851	854	858	rVB2	4488	3070	0.28%	0.030%
44	7.225	908	914	917	rBB2	1399	1552	0.14%	0.015%
45	7.327	927	933	941	rBV	967427	714537	64.43%	6.974%
46	7.386	941	944	948	rVV	7142	7241	0.65%	0.071%
47	7.423	948	951	954	rVB2	1192	1119	0.10%	0.011%
48	7.546	969	974	979	rBV	1173	1137	0.10%	0.011%
49	7.782	1013	1018	1023	rVB2	8566	7079	0.64%	0.069%
50	7.825	1023	1026	1028	rBV2	1227	970	0.09%	0.009%
51	7.857	1028	1032	1034	rVV	6797	6048	0.55%	0.059%
52	7.889	1034	1038	1048	rVV	945679	734268	66.21%	7.166%
53	7.953	1048	1050	1055	rVV2	2124	1901	0.17%	0.019%
54	8.006	1055	1060	1066	rVV2	2561	2951	0.27%	0.029%
55	8.065	1067	1071	1078	rVB2	1274	1760	0.16%	0.017%
56	8.145	1082	1086	1091	rVB	1166	1001	0.09%	0.010%
57	8.247	1098	1105	1108	rBV	2517	3038	0.27%	0.030%
58	8.354	1122	1125	1127	rBV2	5374	4573	0.41%	0.045%
59	8.375	1127	1129	1135	rVV2	3051	3568	0.32%	0.035%
60	8.429	1135	1139	1148	rVB3	1400	2223	0.20%	0.022%
61	8.514	1148	1155	1157	rBV2	1744	1797	0.16%	0.018%
62	8.605	1161	1172	1182	rBV	797375	782739	70.58%	7.640%
63	8.675	1182	1185	1189	rBV2	26483	23573	2.13%	0.230%
64	8.712	1189	1192	1194	rBV2	20441	18503	1.67%	0.181%
65	8.739	1194	1197	1202	rVB	98926	83602	7.54%	0.816%
66	8.787	1202	1206	1209	rBV	257628	227873	20.55%	2.224%
67	8.825	1209	1213	1216	rVV2	228017	239277	21.58%	2.335%
68	8.857	1216	1219	1221	rVV2	198576	177006	15.96%	1.728%
69	8.878	1221	1223	1227	rVB	131189	103343	9.32%	1.009%
70	8.921	1227	1231	1236	rBV2	95675	171681	15.48%	1.676%
71	8.969	1236	1240	1244	rVB3	236497	264541	23.85%	2.582%
72	9.007	1244	1247	1252	rBV	277077	275756	24.87%	2.691%
73	9.049	1253	1255	1268	rVB	179953	164039	14.79%	1.601%
74	9.140	1268	1272	1276	rBV6	10423	20065	1.81%	0.196%
75	9.178	1276	1279	1286	rVV3	12541	23784	2.14%	0.232%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

76	9.242	1286	1291	1294	rVV6	4473	6774	0.61%	0.066%
77	9.306	1298	1303	1310	rVB	844484	778989	70.24%	7.603%
78	9.360	1310	1313	1320	rVB2	19186	20120	1.81%	0.196%
79	9.434	1320	1327	1333	rBV9	3347	8282	0.75%	0.081%
80	9.499	1333	1339	1346	rBV	35043	38500	3.47%	0.376%
81	9.552	1346	1349	1355	rBV6	4370	6788	0.61%	0.066%
82	9.606	1355	1359	1365	rBV6	3163	6565	0.59%	0.064%
83	9.697	1374	1376	1385	rVB7	3827	7646	0.69%	0.075%
84	9.755	1385	1387	1393	rBV4	1451	2257	0.20%	0.022%
85	9.803	1393	1396	1399	rVB2	1106	1130	0.10%	0.011%
86	9.830	1399	1401	1404	rBV2	1772	1650	0.15%	0.016%
87	9.937	1415	1421	1427	rBV	5393	6665	0.60%	0.065%
88	10.023	1435	1437	1442	rVB	1222	1559	0.14%	0.015%
89	10.076	1442	1447	1448	rBV	669	1014	0.09%	0.010%
90	10.119	1449	1455	1459	rVV4	3829	5861	0.53%	0.057%
91	10.146	1459	1460	1468	rVV4	2263	3816	0.34%	0.037%
92	10.199	1468	1470	1475	rVB2	777	1371	0.12%	0.013%
93	10.247	1475	1479	1481	rBV3	1924	1212	0.11%	0.012%
94	10.338	1493	1496	1499	rVB3	925	1241	0.11%	0.012%
95	10.381	1500	1504	1506	rVV	966	1006	0.09%	0.010%
96	10.536	1532	1533	1538	rVB2	968	1121	0.10%	0.011%
97	10.590	1538	1543	1548	rBV2	2837	3207	0.29%	0.031%
98	10.702	1560	1564	1574	rBV3	1674	3441	0.31%	0.034%
99	10.761	1574	1575	1578	rVB2	1130	1002	0.09%	0.010%
100	10.798	1578	1582	1584	rBV	1766	1546	0.14%	0.015%
101	10.830	1585	1588	1591	rVB	1056	1099	0.10%	0.011%
102	10.868	1591	1595	1599	rBV3	2137	2610	0.24%	0.025%
103	11.002	1616	1620	1624	rBV	3204	3061	0.28%	0.030%
104	11.087	1630	1636	1645	rBV	1157242	1108966	100.00%	10.824%
105	11.269	1667	1670	1676	rVB2	776	1358	0.12%	0.013%
106	11.510	1712	1715	1720	rVB	795	970	0.09%	0.009%
107	11.547	1720	1722	1728	rBV2	1056	1232	0.11%	0.012%
108	11.606	1728	1733	1736	rVB	849	969	0.09%	0.009%
109	11.713	1747	1753	1756	rBV2	616	1398	0.13%	0.014%
110	11.788	1761	1767	1771	rBV	9371	9607	0.87%	0.094%
111	11.825	1771	1774	1782	rVV2	8060	8135	0.73%	0.079%
112	11.895	1782	1787	1791	rVB4	892	1313	0.12%	0.013%
113	11.964	1797	1800	1805	rVB3	1156	1477	0.13%	0.014%
114	12.034	1810	1813	1815	rBV2	951	978	0.09%	0.010%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

115	12.146	1829	1834	1840	rVB	12477	12137	1.09%	0.118%
116	12.248	1843	1853	1855	rBV4	891	1535	0.14%	0.015%
117	12.312	1855	1865	1874	rVV	737297	747498	67.40%	7.296%
118	12.376	1874	1877	1888	rVV3	9497	14489	1.31%	0.141%
119	12.456	1888	1892	1896	rVB2	1573	2231	0.20%	0.022%
120	12.542	1902	1908	1911	rVB3	865	1113	0.10%	0.011%
121	12.654	1925	1929	1931	rVB2	1089	1337	0.12%	0.013%
122	12.692	1931	1936	1938	rVB2	1036	1630	0.15%	0.016%
123	12.884	1968	1972	1973	rBV	1022	1000	0.09%	0.010%
124	12.975	1988	1989	1994	rBV2	1553	2115	0.19%	0.021%
125	13.018	1996	1997	2001	rVB2	947	956	0.09%	0.009%
126	13.168	2019	2025	2031	rBV4	11472	12249	1.10%	0.120%
127	13.307	2046	2051	2054	rBV5	1705	2394	0.22%	0.023%
128	13.344	2054	2058	2065	rVB3	1699	2385	0.22%	0.023%
129	13.419	2068	2072	2076	rVB5	3487	4390	0.40%	0.043%
130	13.467	2076	2081	2084	rBV2	1937	2978	0.27%	0.029%
131	13.564	2096	2099	2102	rVB3	1479	1319	0.12%	0.013%
132	13.612	2105	2108	2110	rVB3	2812	2349	0.21%	0.023%
133	13.638	2110	2113	2116	rBV3	1937	2949	0.27%	0.029%
134	13.697	2122	2124	2127	rVB3	1874	1722	0.16%	0.017%
135	13.724	2127	2129	2133	rBV2	1722	2411	0.22%	0.024%
136	13.836	2149	2150	2152	rBV	1943	1336	0.12%	0.013%
137	13.858	2152	2154	2155	rVV	1809	1347	0.12%	0.013%
138	13.901	2155	2162	2181	rVV	837800	965877	87.10%	9.427%
139	14.024	2183	2185	2188	rBV3	2233	1552	0.14%	0.015%
140	14.050	2188	2190	2192	rVB2	1905	1510	0.14%	0.015%
141	14.093	2194	2198	2200	rVB4	2215	2586	0.23%	0.025%
142	14.147	2202	2208	2211	rBV7	2068	2904	0.26%	0.028%
143	14.221	2218	2222	2223	rBV2	2403	2190	0.20%	0.021%
144	14.328	2240	2242	2243	rBV	1615	1168	0.11%	0.011%
145	14.510	2272	2276	2278	rBV4	2444	2657	0.24%	0.026%
146	14.596	2288	2292	2295	rVB5	2504	2798	0.25%	0.027%
147	14.617	2295	2296	2299	rBV3	1569	1580	0.14%	0.015%
148	14.708	2311	2313	2314	rBV2	1344	975	0.09%	0.010%
149	14.810	2329	2332	2341	rBV7	3321	6947	0.63%	0.068%
150	14.928	2352	2354	2355	rBV2	2059	1451	0.13%	0.014%
151	14.976	2361	2363	2368	rBV5	1624	3030	0.27%	0.030%
152	15.051	2374	2377	2381	rBV6	1678	1504	0.14%	0.015%
153	15.125	2390	2391	2393	rBV2	2692	1475	0.13%	0.014%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

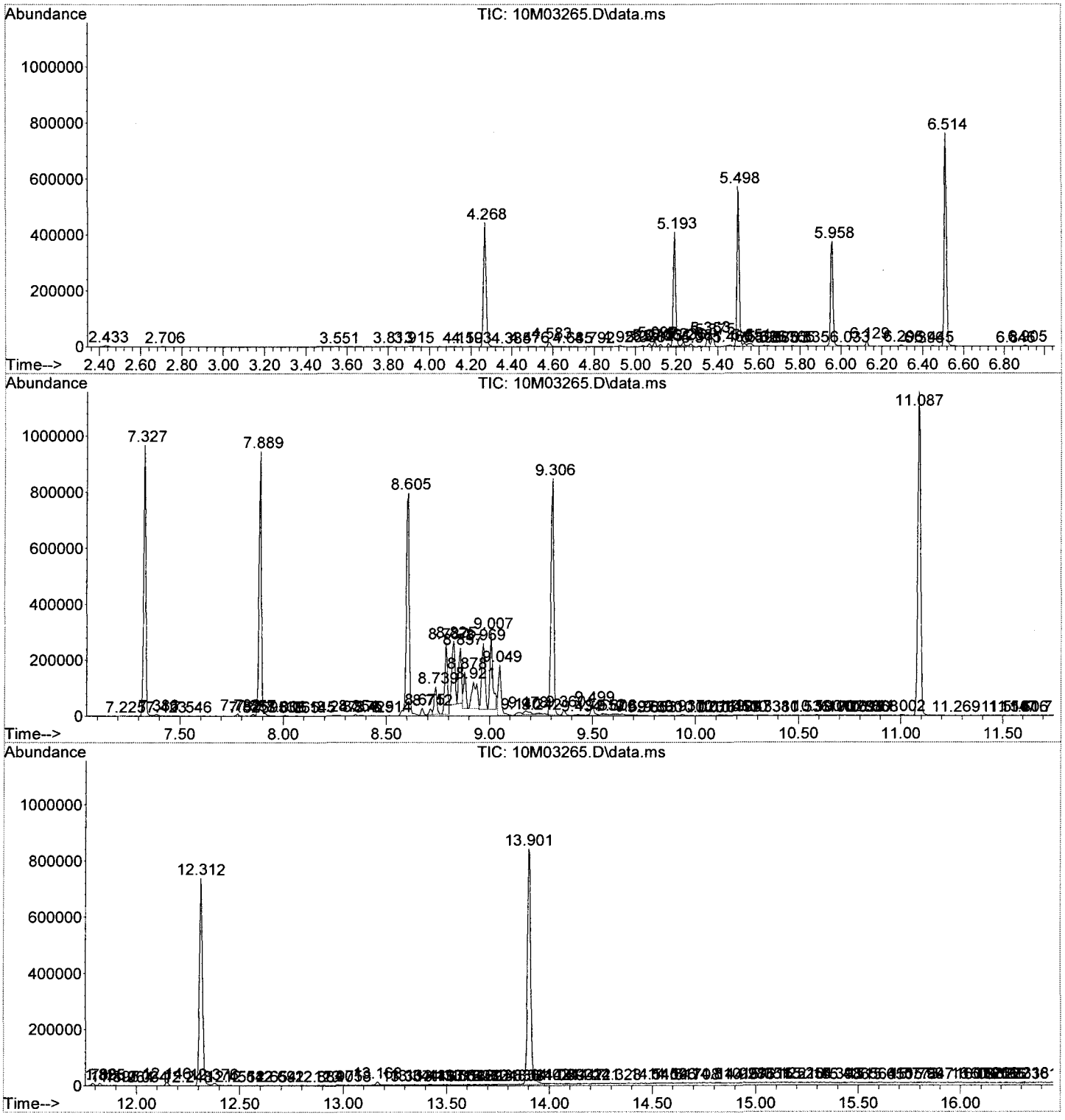
154	15.216	2406	2408	2412	rVB5	2295	2258	0.20%	0.022%
155	15.254	2412	2415	2417	rBV4	3046	1835	0.17%	0.018%
156	15.398	2438	2442	2445	rVB6	2902	4293	0.39%	0.042%
157	15.436	2445	2449	2451	rBV4	2830	4095	0.37%	0.040%
158	15.564	2470	2473	2476	rBV5	2222	2343	0.21%	0.023%
159	15.650	2486	2489	2490	rVB3	1781	1134	0.10%	0.011%
160	15.773	2511	2512	2514	rBV2	2902	1974	0.18%	0.019%
161	15.799	2514	2517	2520	rVB5	2574	2953	0.27%	0.029%
162	15.847	2525	2526	2532	rVB5	1578	1298	0.12%	0.013%
163	16.072	2566	2568	2569	rVB2	3820	2027	0.18%	0.020%
164	16.094	2569	2572	2574	rBV4	2946	3421	0.31%	0.033%
165	16.126	2575	2578	2582	rVB5	2788	2823	0.25%	0.028%
166	16.195	2588	2591	2594	rBV4	2530	2443	0.22%	0.024%
167	16.222	2594	2596	2599	rBV4	2111	2003	0.18%	0.020%
168	16.318	2607	2614	2617	rBV6	4616	7158	0.65%	0.070%
169	16.361	2621	2622	2624	rBV2	2508	1836	0.17%	0.018%

Sum of corrected areas: 10245889

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

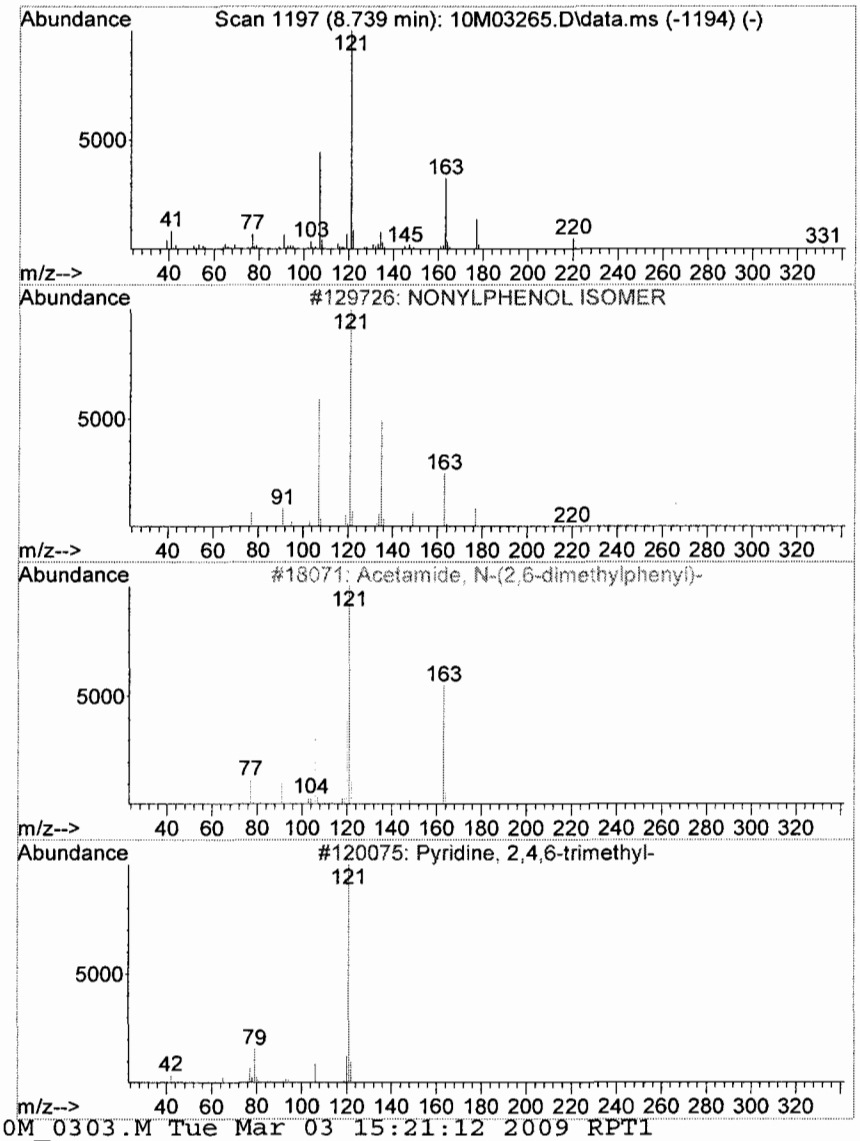
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

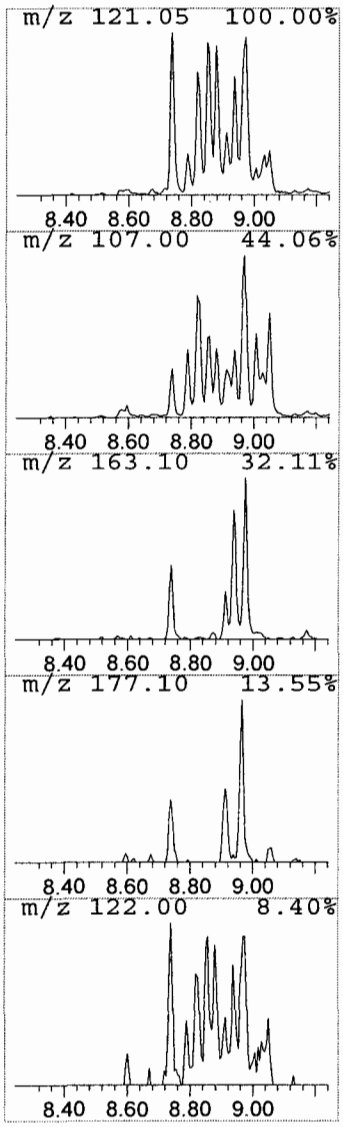
****

Peak Number 1 unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	4.22 ng	83602	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	NONYLPHENOL ISOMER	220	C15H24O	000000-00-0	78
2	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	47
3	Pyridine, 2,4,6-trimethyl-	121	C8H11N	000108-75-8	38
4	1-Methoxy-4-(oxiran-2-yl)methylb...	164	C10H12O2	000000-00-0	37
5	9-METHL-10-AZATRICYCLO[5.2.2.0(1...	163	C11H17N	000000-00-0	33





Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

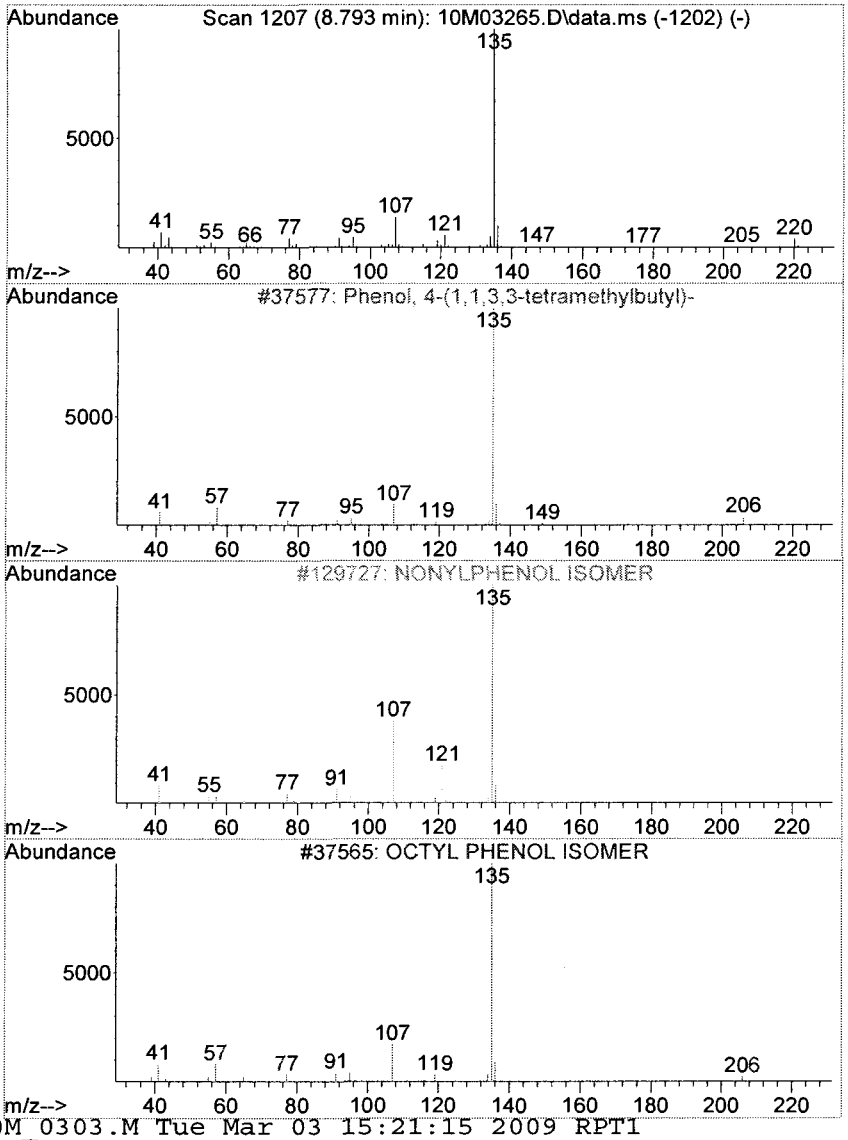
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

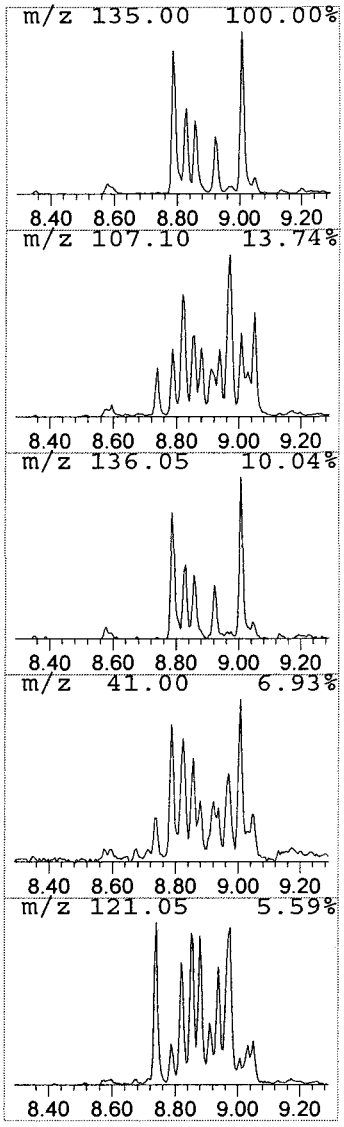
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	11.52 ng	227873	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	NONYLPHENOL ISOMER	220	C15H24O	000000-00-0	72
3	OCTYL PHENOL ISOMER	206	C14H22O	000000-00-0	72
4	Phenol, 4-(2,2,3,3-tetramethylbu...	206	C14H22O	054932-78-4	72
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72





Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

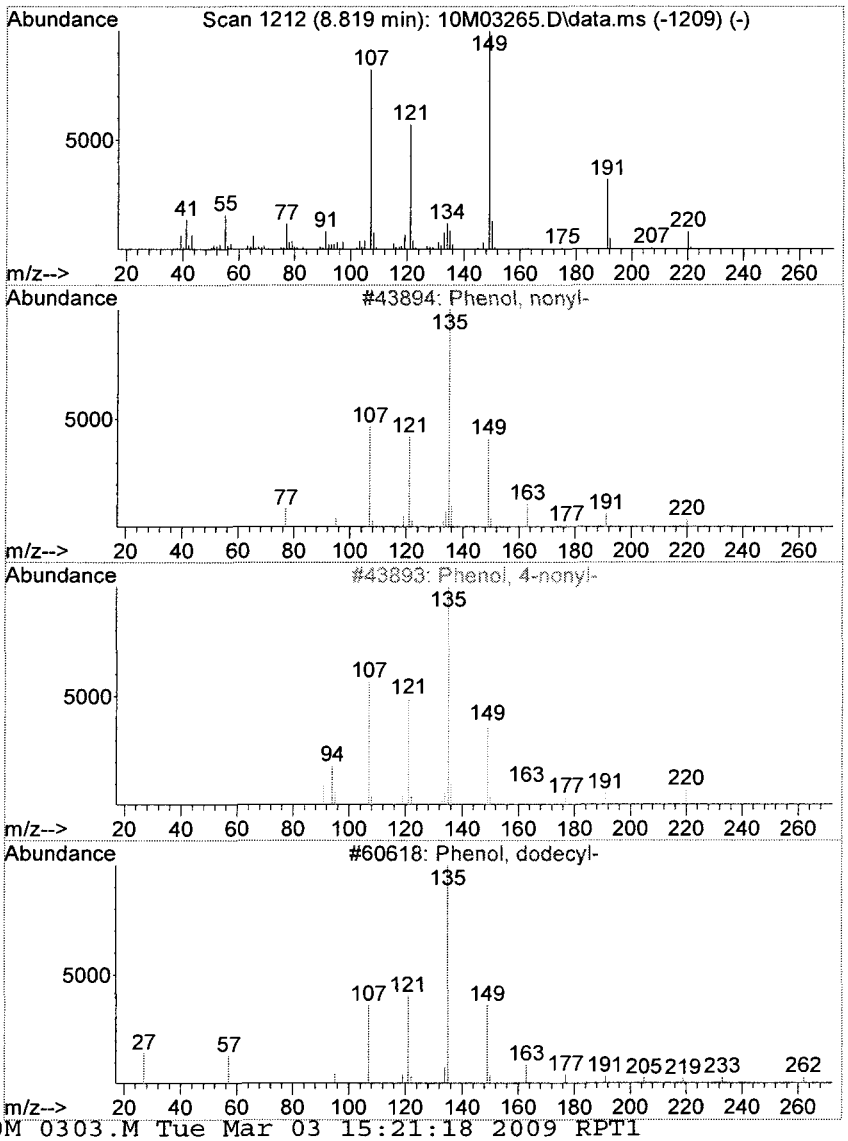
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

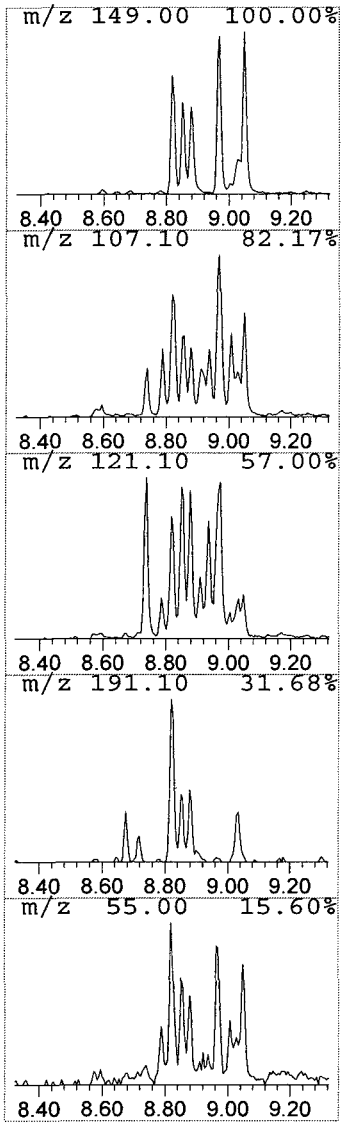
****

Peak Number 3 Phenol, nonyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	12.09 ng	239277	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, nonyl-	220	C15H24O	025154-52-3	93
2	Phenol, 4-nonyl-	220	C15H24O	000104-40-5	81
3	Phenol, dodecyl-	262	C18H30O	027193-86-8	50
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	49
5	Hexestrol	270	C18H22O2	000084-16-2	47





Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

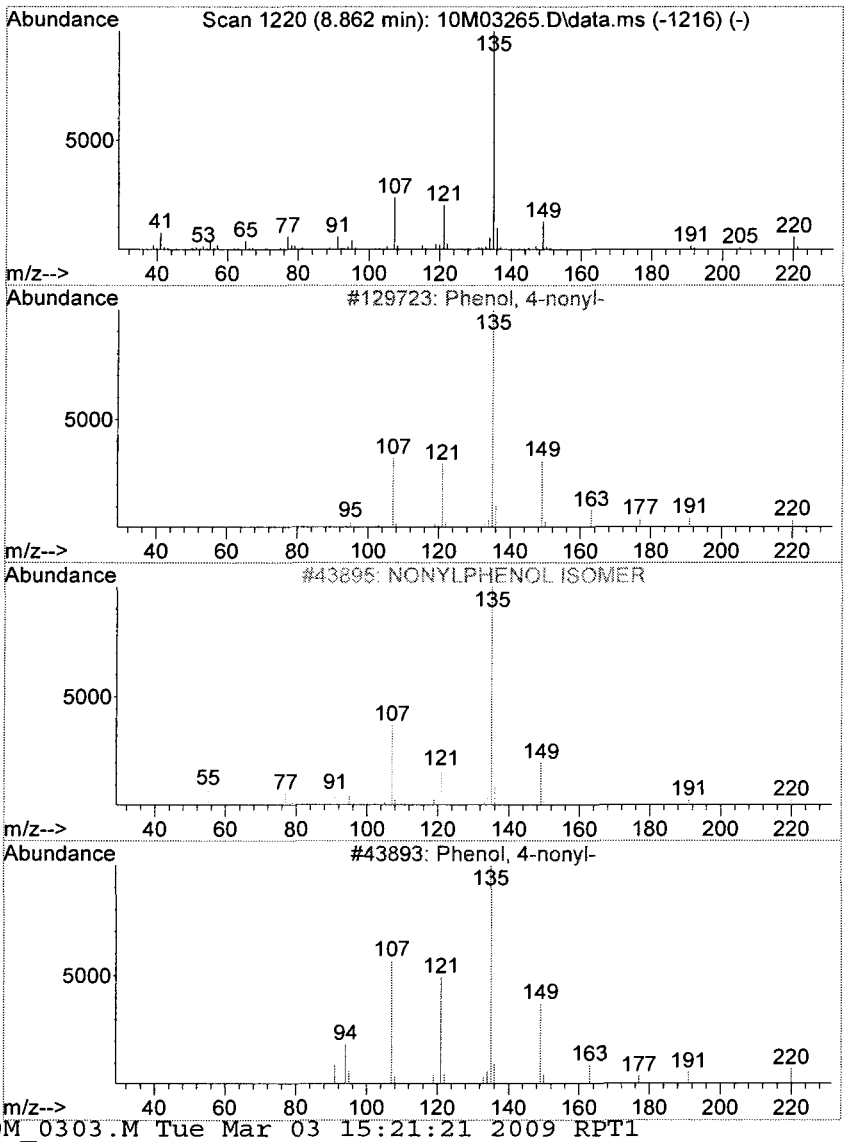
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

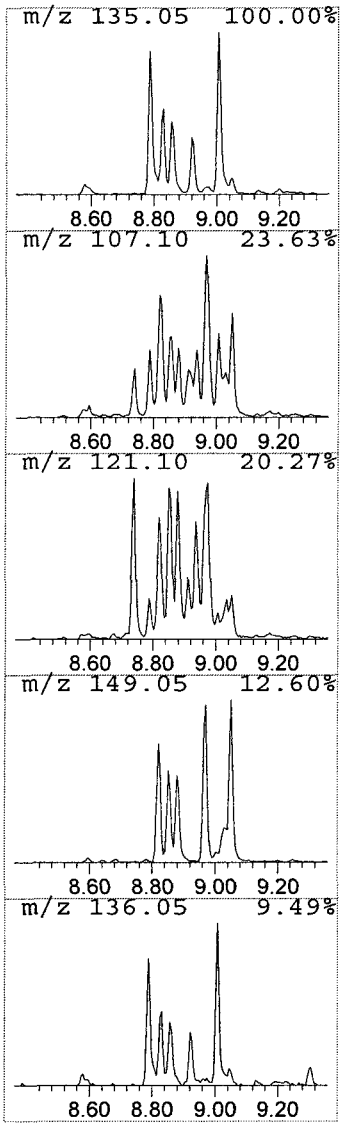
****

Peak Number 4 Phenol, 4-nonyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	8.94 ng	177006	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-nonyl-	220	C15H24O	000104-40-5	96
2	NONYLPHENOL ISOMER	220	C15H24O	000000-00-0	93
3	Phenol, 4-nonyl-	220	C15H24O	000104-40-5	92
4	Phenol, 4-nonyl-	220	C15H24O	000104-40-5	91
5	Phenol, 4-dodecyl-	262	C18H30O	000104-43-8	83





Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

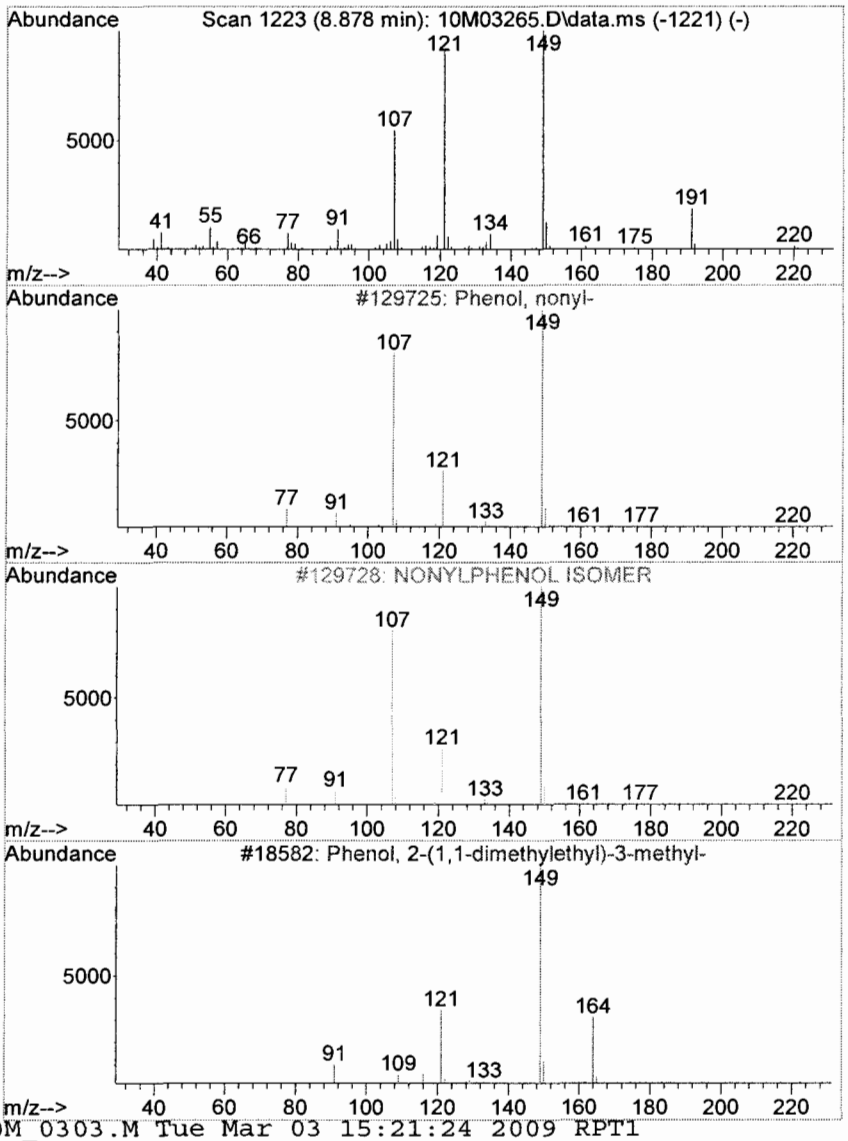
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

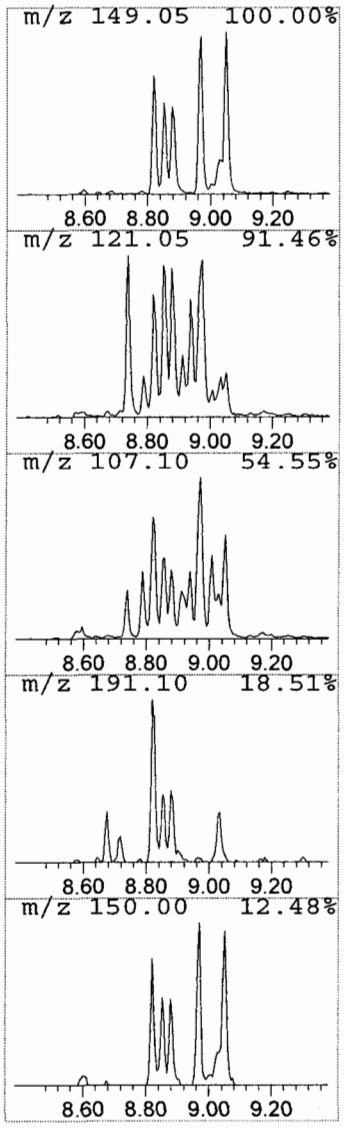
****

Peak Number 5 Phenol, nonyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	5.22 ng	103343	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, nonyl-	220	C15H24O	025154-52-3	60
2	NONYLPHENOL ISOMER	220	C15H24O	000000-00-0	60
3	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	59
4	NONYLPHENOL ISOMER	220	C15H24O	000000-00-0	55
5	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43





Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

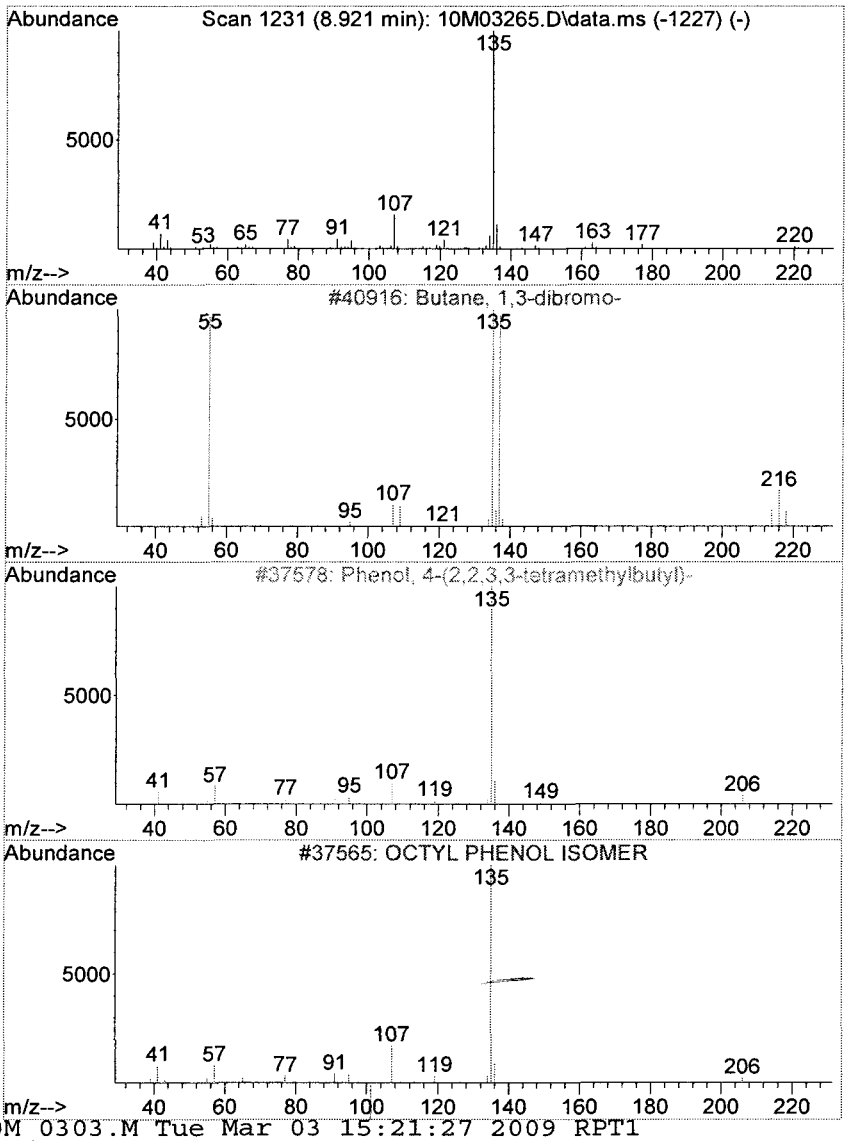
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

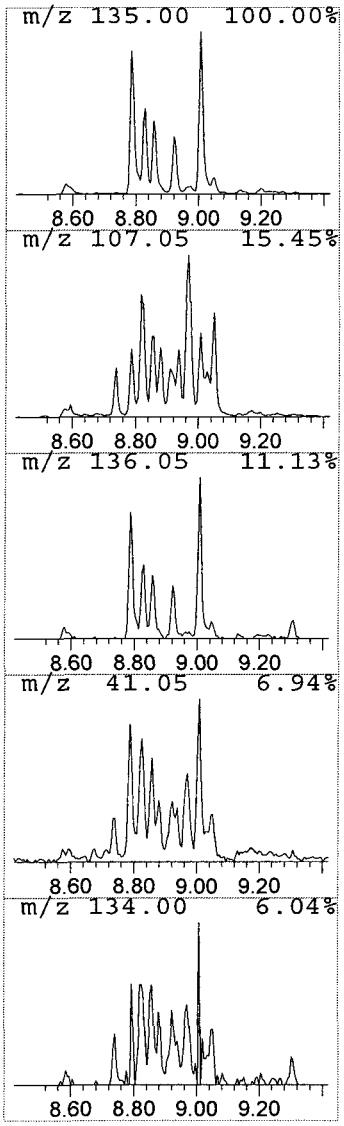
****

Peak Number 6 Butane, 1,3-dibromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	8.68 ng	171681	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	78
2	Phenol, 4-(2,2,3,3-tetramethylbu...	206	C14H22O	054932-78-4	72
3	OCTYL PHENOL ISOMER	206	C14H22O	000000-00-0	72
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
5	Propane, 1,3-bis(ethylthio)-	164	C7H16S2	033672-52-5	58





Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

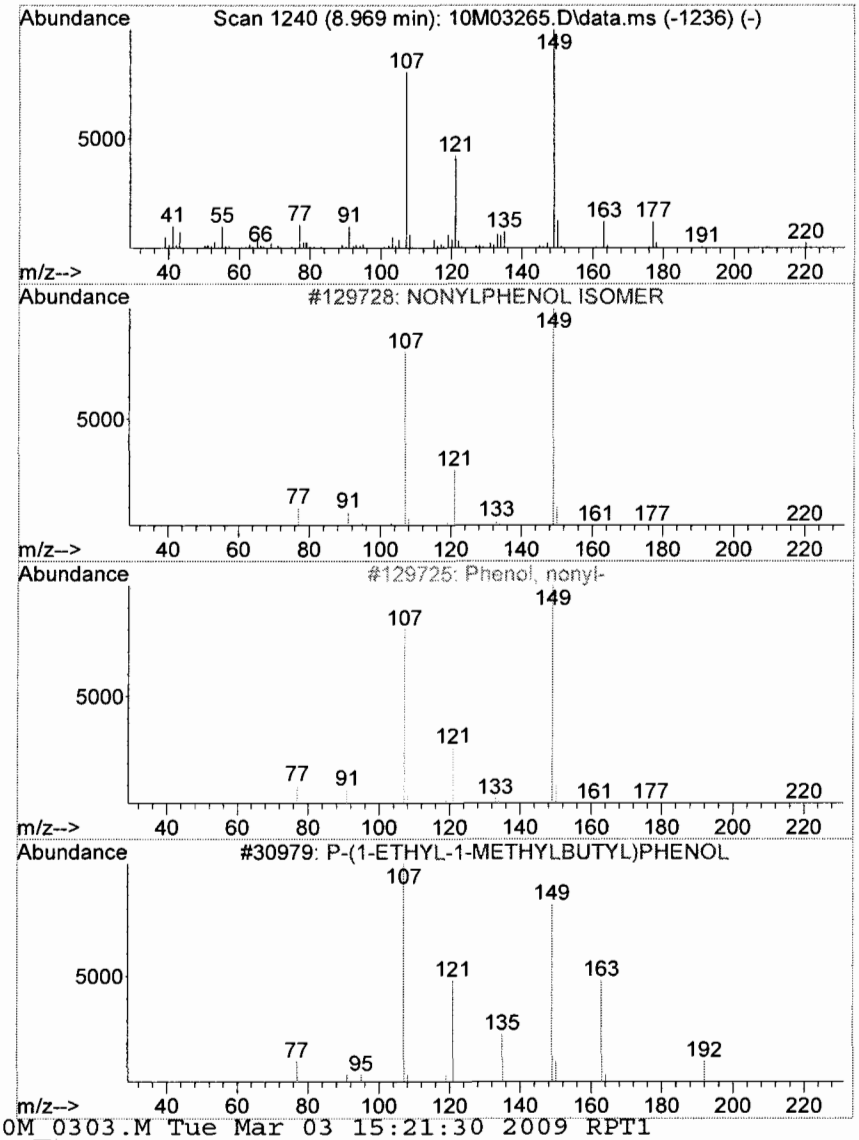
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

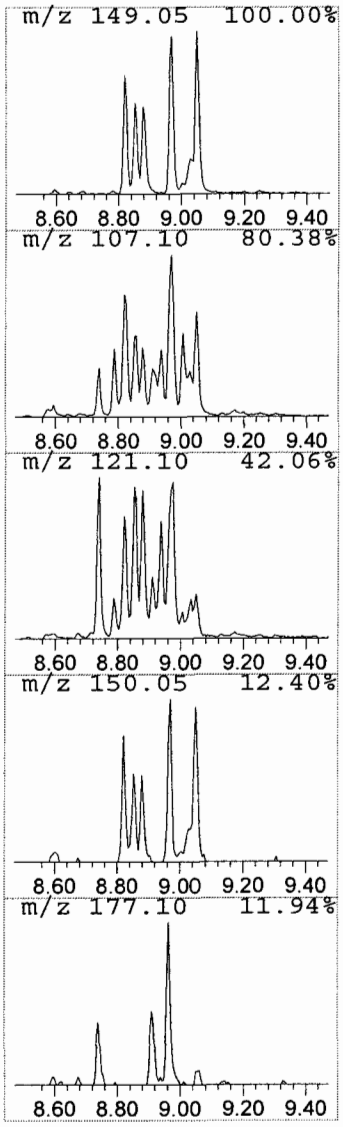
****

Peak Number 7 Phenol, nonyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	13.37 ng	264541	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	NONYLPHENOL ISOMER	220	C15H24O	000000-00-0	87
2	Phenol, nonyl-	220	C15H24O	025154-52-3	87
3	P-(1-ETHYL-1-METHYLBUTYL)PHENOL	192	C13H20O	000000-00-0	50
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	47
5	PHENYLPROPIONIC ACID PENTAFLUORO...	330	C16H11F5O2	062434-95-1	47





Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

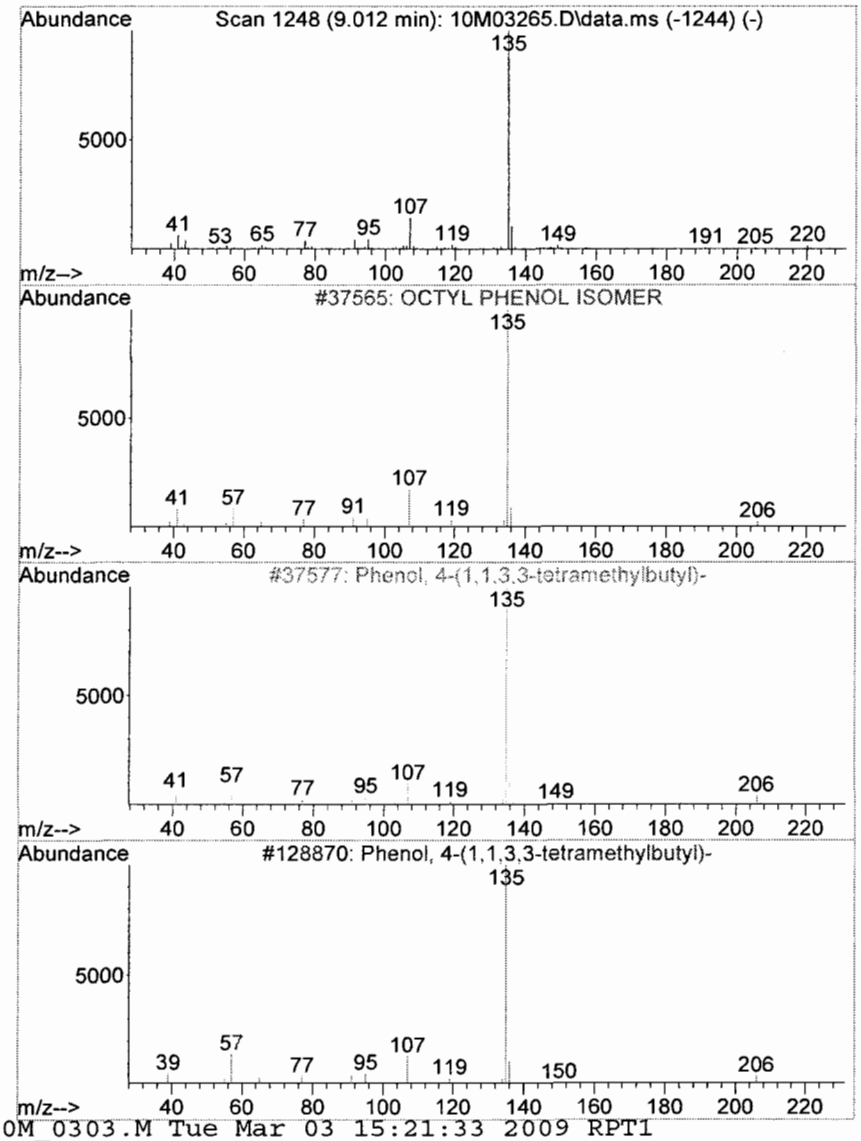
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

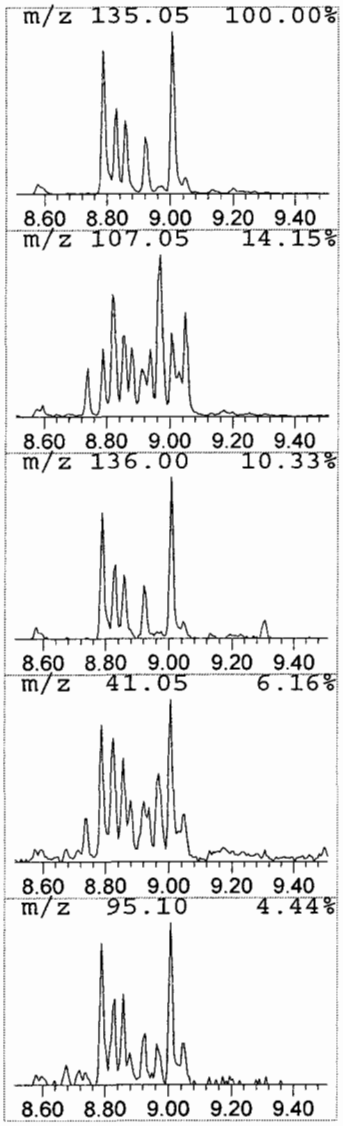
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	13.94 ng	275756	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	OCTYL PHENOL ISOMER	206	C14H22O	000000-00-0	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	Phenol, 4-(2,2,3,3-tetramethylbu...	206	C14H22O	054932-78-4	78
5	Phenol, 5-methyl-2-(1-methylethyl)-	150	C10H14O	000089-83-8	72





Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

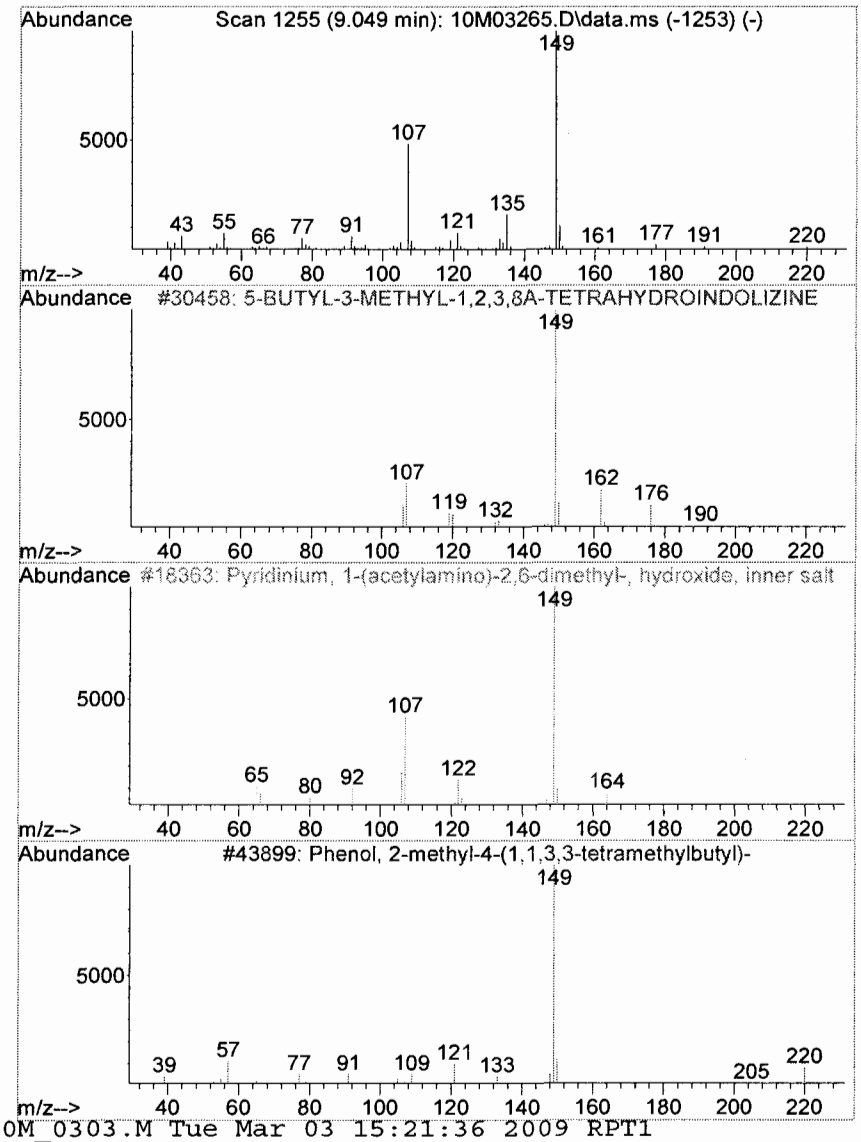
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

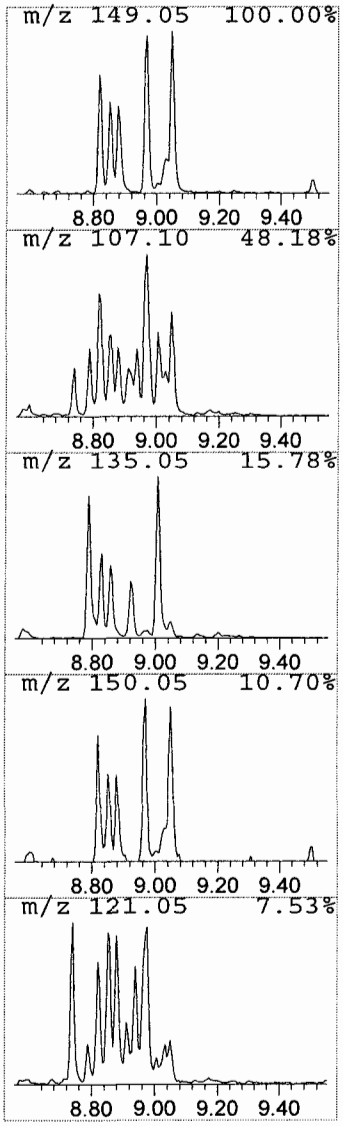
****

Peak Number 9 unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	8.29 ng	164039	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-BUTYL-3-METHYL-1,2,3,8A-TETRAH...	191	C13H21N	000000-00-0	50
2	Pyridinium, 1-(acetylamino)-2,6-...	164	C9H12N2O	031020-35-6	40
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
4	Phenol, nonyl-	220	C15H24O	025154-52-3	32
5	NONYLPHENOL ISOMER	220	C15H24O	000000-00-0	32





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03265.D
Acq On : 3 Mar 2009 12:00
Operator : AHD
Sample : AC42940-001
Misc : A,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc
unknown	8.74	4.2	ng	83602	4	9.31	9.31	791541	40.0
Phenol, 4-(1,1,3,...	8.79	11.5	ng	227873	4	9.31	9.31	791541	40.0
Phenol, nonyl-	8.82	12.1	ng	239277	4	9.31	9.31	791541	40.0
Phenol, 4-nonyl-	8.86	8.9	ng	177006	4	9.31	9.31	791541	40.0
Phenol, nonyl-	8.88	5.2	ng	103343	4	9.31	9.31	791541	40.0
Butane, 1,3-dibromo-	8.92	8.7	ng	171681	4	9.31	9.31	791541	40.0
Phenol, nonyl-	8.97	13.4	ng	264541	4	9.31	9.31	791541	40.0
Phenol, 4-(1,1,3,...	9.01	13.9	ng	275756	4	9.31	9.31	791541	40.0
unknown	9.05	8.3	ng	164039	4	9.31	9.31	791541	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 10M03266.D
Analysis Date: 03/03/09 12:22
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	2.2	U
95-48-7	2-Methylphenol	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	11	U
106-47-8	4-Chloroaniline	2.2	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	2.2	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	2.2	U
208-96-8	Acenaphthylene	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
92-87-5	Benzidine	11	U	87-86-5	Pentachlorophenol	11	U
56-55-3	Benzo[a]anthracene	2.2	U	85-01-8	Phenanthrene	2.2	U
50-32-8	Benzo[a]pyrene	2.2	U	108-95-2	Phenol	2.2	U
205-99-2	Benzo[b]fluoranthene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 10M03266.D
Analysis Date: 03/03/09 12:22
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110511

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

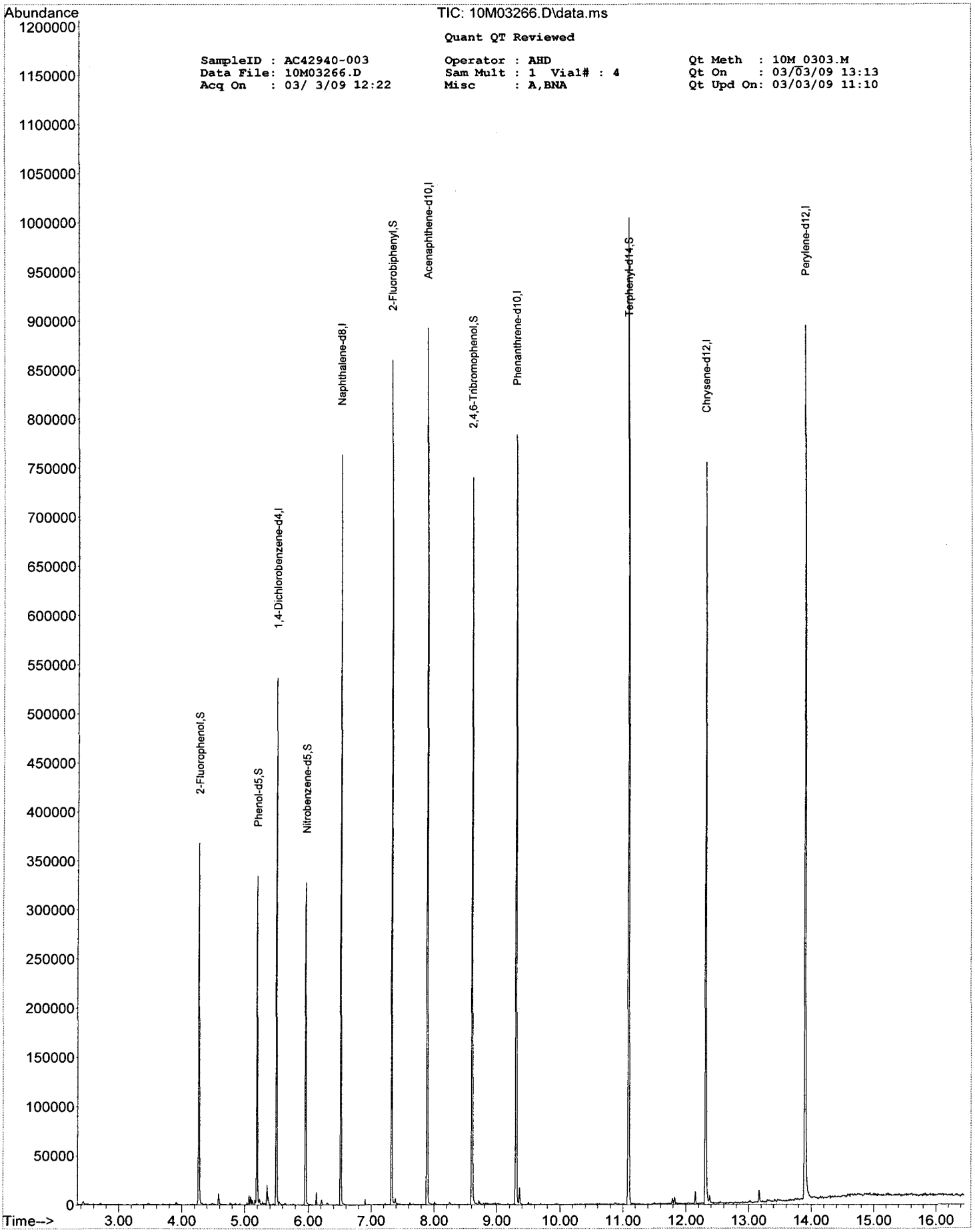
SampleID : AC42940-003 Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03266.D Sam Mult : 1 Vial# : 4 Qt On : 03/03/09 13:13
Acq On : 03/ 3/09 12:22 Misc : A,BNA Qt Upd On: 03/03/09 11:10

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	68572	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	262073	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	160120	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	275976	40.00	ng	0.00
81) Chrysene-d12	12.312	240	303915	40.00	ng	0.00
96) Perylene-d12	13.900	264	348992	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	93093	46.95	ng	0.00
Spiked Amount 100.000			Recovery = 46.95%			
9) Phenol-d5	5.193	99	91114	33.20	ng	0.00
Spiked Amount 100.000			Recovery = 33.20%			
24) Nitrobenzene-d5	5.958	128	41550	37.86	ng	0.00
Spiked Amount 50.000			Recovery = 75.72%			
46) 2-Fluorobiphenyl	7.327	172	222918	38.51	ng	0.00
Spiked Amount 50.000			Recovery = 77.02%			
70) 2,4,6-Tribromophenol	8.605	330	95611	86.65	ng	0.00
Spiked Amount 100.000			Recovery = 86.65%			
84) Terphenyl-d14	11.087	244	390832	45.97	ng	0.00
Spiked Amount 50.000			Recovery = 91.94%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed

KCe


Abundance
TIC: 10M03266.D\data.ms
Quant QT Reviewed
SampleID : AC42940-003
Data File: 10M03266.D
Acq On : 03/ 3/09 12:22
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 13:13
Qt Upd On: 03/03/09 11:10
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03266.D
Acq On : 3 Mar 2009 12:22
Operator : AHD
Sample : AC42940-003
Misc : A,BNA
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03266.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.438	11	19	22	rBV4	3047	3882	0.38%	0.051%
2	2.711	66	70	76	rVB3	1874	2420	0.24%	0.032%
3	3.471	208	212	215	rBV	1664	1824	0.18%	0.024%
4	3.551	226	227	234	rVB	735	964	0.10%	0.013%
5	3.706	252	256	260	rBB	1020	1077	0.11%	0.014%
6	3.813	273	276	282	rVB	1119	1406	0.14%	0.018%
7	3.909	290	294	299	rBV2	2512	2925	0.29%	0.038%
8	4.268	352	361	369	rBV	368182	326641	32.36%	4.284%
9	4.316	369	370	379	rVV4	1856	2725	0.27%	0.036%
10	4.380	379	382	388	rVB4	1222	1472	0.15%	0.019%
11	4.482	396	401	408	rBV4	1631	3385	0.34%	0.044%
12	4.583	413	420	430	rBB	11533	12615	1.25%	0.165%
13	4.765	451	454	463	rBV3	2301	3065	0.30%	0.040%
14	4.851	466	470	476	rVB2	1589	2147	0.21%	0.028%
15	5.038	501	505	508	rBV	2586	1881	0.19%	0.025%
16	5.070	508	511	513	rBV	9297	6888	0.68%	0.090%
17	5.097	513	516	519	rBV	8117	6633	0.66%	0.087%
18	5.123	519	521	524	rVB	4759	3247	0.32%	0.043%
19	5.161	524	528	530	rBV	5143	4171	0.41%	0.055%
20	5.193	530	534	539	rBV	333073	260827	25.84%	3.421%
21	5.230	539	541	546	rVB4	5536	5796	0.57%	0.076%
22	5.284	546	551	554	rBV3	2748	2527	0.25%	0.033%
23	5.311	554	556	561	rVB3	1545	1976	0.20%	0.026%
24	5.353	561	564	566	rBV	19896	16257	1.61%	0.213%
25	5.450	575	582	586	rBB3	1307	1948	0.19%	0.026%
26	5.498	586	591	598	rBV	536912	408193	40.44%	5.354%
27	5.546	598	600	608	rVB4	3312	3717	0.37%	0.049%
28	5.637	614	617	622	rVB2	1588	2143	0.21%	0.028%
29	5.765	637	641	644	rVB2	1307	1002	0.10%	0.013%
30	5.958	671	677	687	rBV	328208	268831	26.63%	3.526%
31	6.038	689	692	700	rBB	1102	1609	0.16%	0.021%
32	6.129	705	709	713	rBB	12879	8406	0.83%	0.110%
33	6.209	718	724	728	rBV	5377	4926	0.49%	0.065%
34	6.305	737	742	746	rVB2	2148	2544	0.25%	0.033%
35	6.514	776	781	795	rBV	764282	550754	54.56%	7.224%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03266.D
Acq On : 3 Mar 2009 12:22
Operator : AHD
Sample : AC42940-003
Misc : A,BNA
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

36	6.904	847	854	858	rBV	5943	4081	0.40%	0.054%
37	7.225	912	914	917	rBV	1412	955	0.09%	0.013%
38	7.327	924	933	940	rBV	860657	637358	63.14%	8.360%
39	7.386	940	944	952	rVB	6357	6878	0.68%	0.090%
40	7.621	984	988	991	rBB	2066	1570	0.16%	0.021%
41	7.889	1029	1038	1053	rVB	892909	689447	68.30%	9.043%
42	8.006	1056	1060	1068	rBB2	2927	3184	0.32%	0.042%
43	8.247	1099	1105	1111	rVB2	2555	3074	0.30%	0.040%
44	8.333	1116	1121	1126	rBV2	1046	965	0.10%	0.013%
45	8.605	1164	1172	1183	rBV	740754	667125	66.09%	8.750%
46	8.712	1188	1192	1195	rBV	3834	3522	0.35%	0.046%
47	8.787	1203	1206	1210	rBV	1601	1661	0.16%	0.022%
48	8.825	1210	1213	1216	rVB2	1845	1836	0.18%	0.024%
49	8.857	1216	1219	1221	rBV3	1486	1181	0.12%	0.015%
50	8.942	1231	1235	1236	rVB	1259	1276	0.13%	0.017%
51	8.974	1236	1241	1244	rBV3	1950	2506	0.25%	0.033%
52	9.007	1244	1247	1253	rVV2	1120	1727	0.17%	0.023%
53	9.178	1275	1279	1284	rBB	1279	1341	0.13%	0.018%
54	9.306	1297	1303	1310	rBV	784118	737554	73.07%	9.674%
55	9.360	1310	1313	1321	rVB2	16854	15228	1.51%	0.200%
56	9.499	1334	1339	1346	rBV2	2525	2715	0.27%	0.036%
57	9.696	1370	1376	1380	rVB	1514	1560	0.15%	0.020%
58	9.943	1419	1422	1425	rBV2	1018	1020	0.10%	0.013%
59	10.590	1540	1543	1549	rBV	1145	1497	0.15%	0.020%
60	10.638	1549	1552	1554	rBV	1202	1100	0.11%	0.014%
61	10.702	1560	1564	1567	rBV	1083	1419	0.14%	0.019%
62	10.750	1571	1573	1578	rVB	848	1083	0.11%	0.014%
63	10.825	1582	1587	1589	rVB2	739	1134	0.11%	0.015%
64	10.873	1589	1596	1598	rBV2	2324	2949	0.29%	0.039%
65	10.895	1598	1600	1604	rVB	1664	1112	0.11%	0.015%
66	11.087	1630	1636	1645	rBV	1005155	1009413	100.00%	13.240%
67	11.157	1648	1649	1657	rVB2	1156	1293	0.13%	0.017%
68	11.274	1668	1671	1675	rVB	1034	957	0.09%	0.013%
69	11.403	1689	1695	1700	rBV2	822	2069	0.20%	0.027%
70	11.467	1700	1707	1710	rVV	798	1230	0.12%	0.016%
71	11.504	1710	1714	1721	rVV2	1610	2071	0.21%	0.027%
72	11.681	1742	1747	1748	rBV	935	993	0.10%	0.013%
73	11.788	1764	1767	1771	rBV	5809	5957	0.59%	0.078%
74	11.825	1771	1774	1777	rVV	6823	6186	0.61%	0.081%
75	11.991	1799	1805	1807	rVB2	745	1315	0.13%	0.017%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03266.D
Acq On : 3 Mar 2009 12:22
Operator : AHD
Sample : AC42940-003
Misc : A,BNA
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

76	12.034	1807	1813	1817	rBV3	1565	2626	0.26%	0.034%
77	12.146	1828	1834	1839	rBV	12056	11024	1.09%	0.145%
78	12.312	1859	1865	1874	rBV	755211	728952	72.22%	9.561%
79	12.376	1874	1877	1883	rVB4	7587	8114	0.80%	0.106%
80	12.483	1892	1897	1899	rVB2	673	1089	0.11%	0.014%
81	12.547	1905	1909	1911	rBV2	1807	1658	0.16%	0.022%
82	12.585	1912	1916	1919	rVB2	891	1327	0.13%	0.017%
83	12.644	1925	1927	1932	rBV	1197	1276	0.13%	0.017%
84	12.713	1937	1940	1943	rBV3	1158	1208	0.12%	0.016%
85	12.772	1947	1951	1952	rBV3	1055	1026	0.10%	0.013%
86	12.825	1960	1961	1966	rBV3	1038	1177	0.12%	0.015%
87	12.911	1966	1977	1979	rBV4	1285	3191	0.32%	0.042%
88	13.023	1990	1998	2004	rVB3	2986	5641	0.56%	0.074%
89	13.168	2021	2025	2033	rBV5	12523	14934	1.48%	0.196%
90	13.227	2033	2036	2040	rBV3	1908	1760	0.17%	0.023%
91	13.301	2048	2050	2052	rBV3	2655	2651	0.26%	0.035%
92	13.414	2067	2071	2077	rVB4	2956	4376	0.43%	0.057%
93	13.473	2077	2082	2085	rBV3	2833	5090	0.50%	0.067%
94	13.505	2087	2088	2094	rVB4	1718	2299	0.23%	0.030%
95	13.671	2115	2119	2120	rBV3	1936	1466	0.15%	0.019%
96	13.719	2123	2128	2130	rVB6	1256	1697	0.17%	0.022%
97	13.756	2130	2135	2136	rBV3	2808	3374	0.33%	0.044%
98	13.788	2139	2141	2146	rVB4	2093	2083	0.21%	0.027%
99	13.901	2155	2162	2183	rBV	890681	965907	95.69%	12.669%
100	14.024	2183	2185	2187	rBV3	1968	2087	0.21%	0.027%
101	14.147	2203	2208	2211	rBV7	3175	4226	0.42%	0.055%
102	14.179	2211	2214	2217	rVB4	2319	2796	0.28%	0.037%
103	14.211	2217	2220	2221	rBV3	1592	1519	0.15%	0.020%
104	14.296	2229	2236	2238	rVB7	3065	5485	0.54%	0.072%
105	14.312	2238	2239	2241	rBV2	3025	1629	0.16%	0.021%
106	14.334	2241	2243	2247	rVV5	1955	1679	0.17%	0.022%
107	14.382	2250	2252	2256	rVB5	1682	1180	0.12%	0.015%
108	14.500	2267	2274	2276	rBV5	2540	3815	0.38%	0.050%
109	14.585	2285	2290	2292	rBV3	3845	4824	0.48%	0.063%
110	14.644	2297	2301	2302	rBV4	3080	4359	0.43%	0.057%
111	14.692	2308	2310	2314	rBV5	2204	2112	0.21%	0.028%
112	14.751	2316	2321	2324	rBV4	2074	3373	0.33%	0.044%
113	14.853	2336	2340	2342	rBV3	2441	2875	0.28%	0.038%
114	14.943	2354	2357	2360	rVB4	2899	2777	0.28%	0.036%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03266.D
Acq On : 3 Mar 2009 12:22
Operator : AHD
Sample : AC42940-003
Misc : A,BNA
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

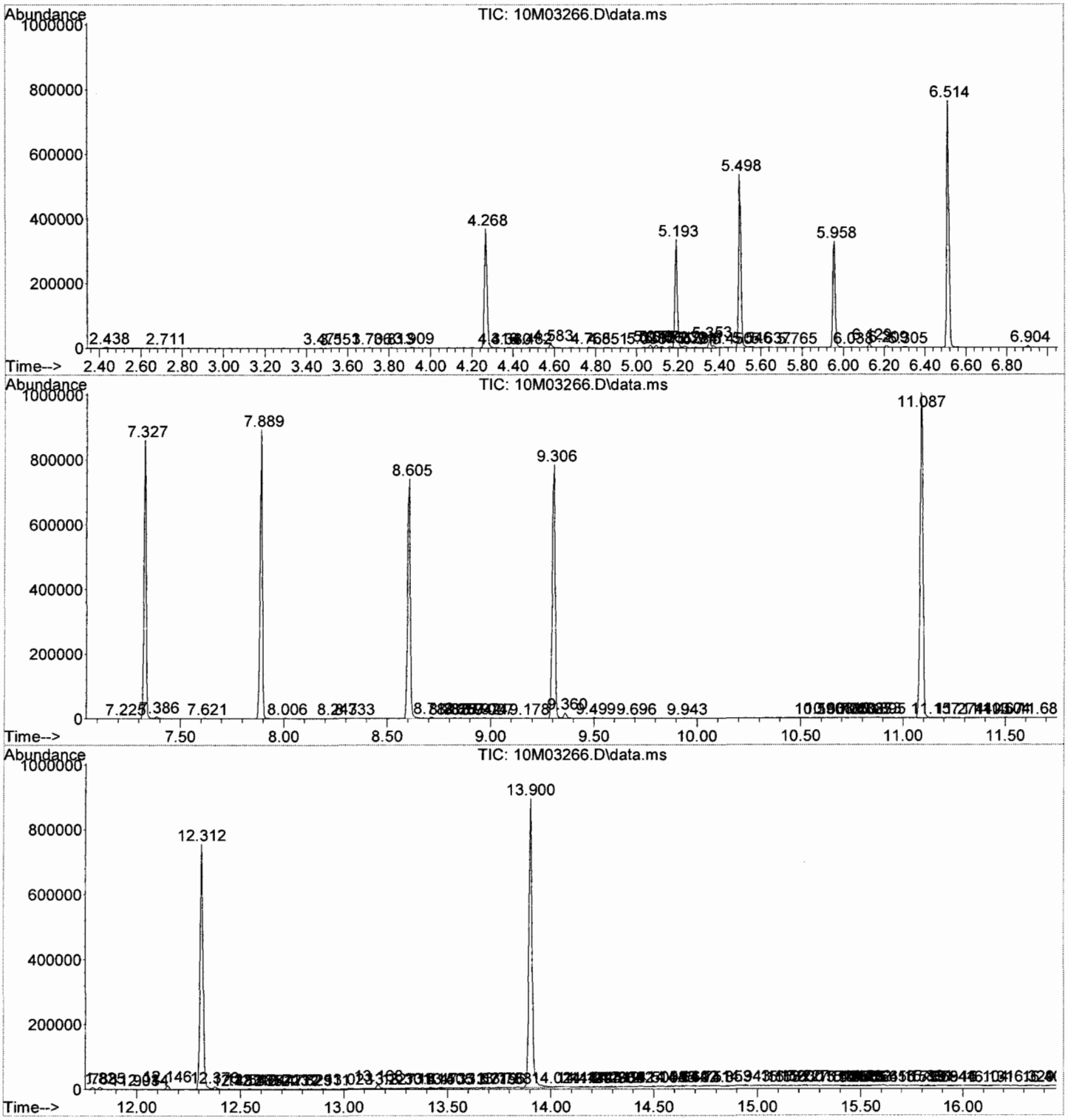
115	15.131	2390	2392	2396	rVB4	1670	1176	0.12%	0.015%
116	15.163	2396	2398	2400	rBV3	1552	1325	0.13%	0.017%
117	15.200	2404	2405	2407	rBV2	2104	1089	0.11%	0.014%
118	15.227	2407	2410	2414	rBV5	2483	2597	0.26%	0.034%
119	15.409	2443	2444	2449	rVB4	2708	3193	0.32%	0.042%
120	15.441	2449	2450	2453	rBV3	2125	1503	0.15%	0.020%
121	15.468	2453	2455	2460	rBV5	1953	2697	0.27%	0.035%
122	15.505	2460	2462	2466	rBV5	2074	2645	0.26%	0.035%
123	15.532	2466	2467	2471	rBV4	2553	1939	0.19%	0.025%
124	15.564	2471	2473	2476	rBV3	1819	2109	0.21%	0.028%
125	15.650	2486	2489	2493	rVB6	1495	1682	0.17%	0.022%
126	15.799	2515	2517	2519	rBV3	2656	1980	0.20%	0.026%
127	15.831	2519	2523	2526	rVB4	3431	3774	0.37%	0.050%
128	15.858	2526	2528	2530	rBV3	2260	1981	0.20%	0.026%
129	15.944	2540	2544	2546	rVB5	2226	2921	0.29%	0.038%
130	16.104	2572	2574	2577	rVB4	2285	2642	0.26%	0.035%
131	16.131	2577	2579	2581	rBV3	1773	2025	0.20%	0.027%
132	16.329	2607	2616	2618	rBV9	2359	4723	0.47%	0.062%
133	16.409	2628	2631	2634	rBV3	2314	3164	0.31%	0.041%

Sum of corrected areas: 7624213

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03266.D
Acq On : 3 Mar 2009 12:22
Operator : AHD
Sample : AC42940-003
Misc : A,BNA
ALS Vial : 4 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03266.D
Acq On : 3 Mar 2009 12:22
Operator : AHD
Sample : AC42940-003
Misc : A,BNA
ALS Vial : 4 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 10M03267.D
Analysis Date: 03/03/09 12:45
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	2.2	U
95-48-7	2-Methylphenol	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	11	U
106-47-8	4-Chloroaniline	2.2	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	2.2	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	2.2	U
208-96-8	Acenaphthylene	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
92-87-5	Benzidine	11	U	87-86-5	Pentachlorophenol	11	U
56-55-3	Benzo[a]anthracene	2.2	U	85-01-8	Phenanthrene	2.2	U
50-32-8	Benzo[a]pyrene	2.2	U	108-95-2	Phenol	2.2	U
205-99-2	Benzo[b]fluoranthene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 10M03267.D
Analysis Date: 03/03/09 12:45
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110511

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

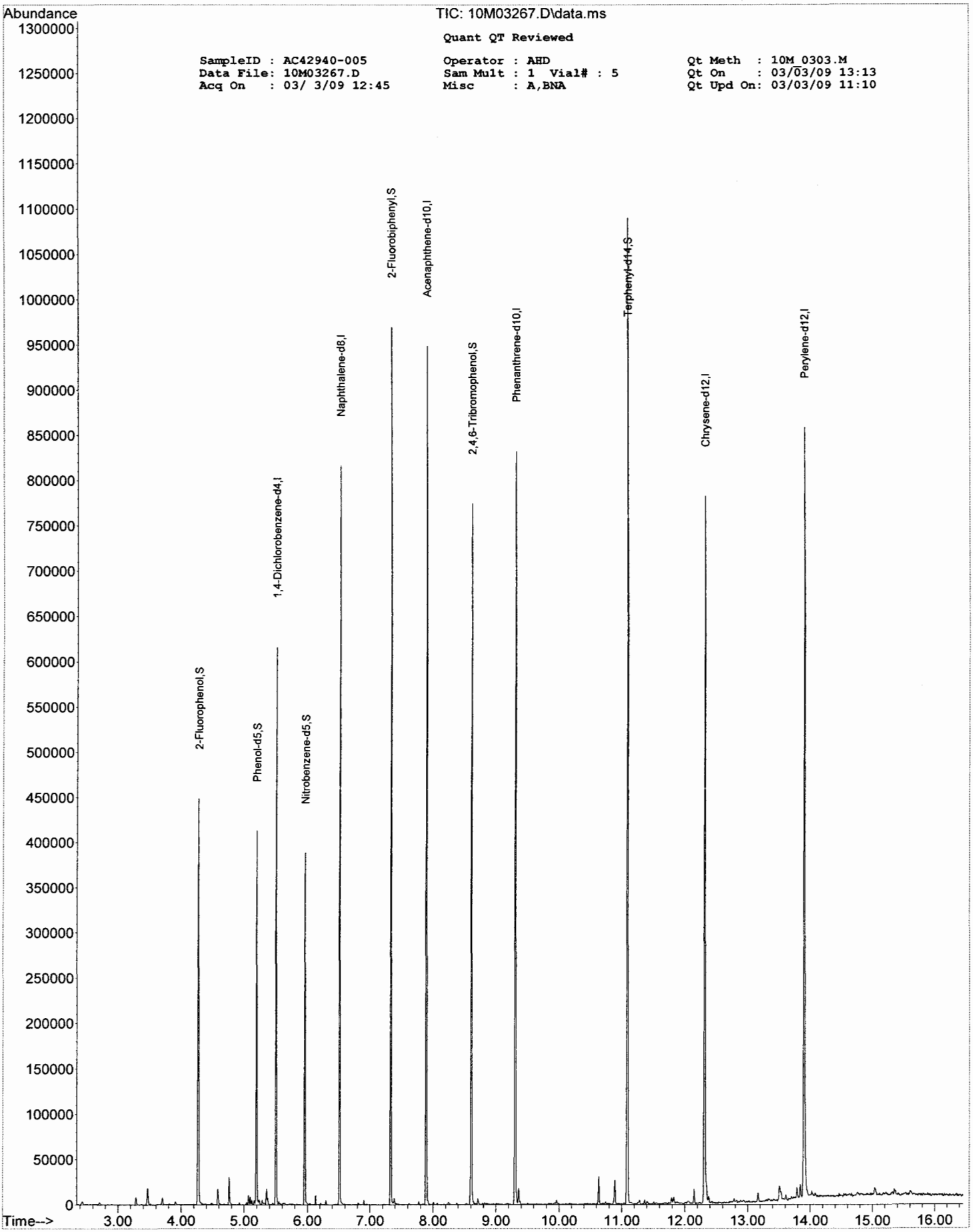
Quantitation Report (QT Reviewed)

SampleID : AC42940-005 Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03267.D Sam Mult : 1 Vial# : 5 Qt On : 03/03/09 13:13
Acq On : 03/ 3/09 12:45 Misc : A,BNA Qt Upd On: 03/03/09 11:10

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	75909	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	287075	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	174602	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	304927	40.00	ng	0.00
81) Chrysene-d12	12.312	240	329284	40.00	ng	0.00
96) Perylene-d12	13.901	264	358341	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	113056	51.51	ng	0.00
Spiked Amount 100.000			Recovery = 51.51%			
9) Phenol-d5	5.193	99	114617	37.72	ng	0.00
Spiked Amount 100.000			Recovery = 37.72%			
24) Nitrobenzene-d5	5.958	128	48080	40.00	ng	0.00
Spiked Amount 50.000			Recovery = 80.00%			
46) 2-Fluorobiphenyl	7.327	172	249052	39.46	ng	0.00
Spiked Amount 50.000			Recovery = 78.92%			
70) 2,4,6-Tribromophenol	8.605	330	105338	86.41	ng	0.00
Spiked Amount 100.000			Recovery = 86.41%			
84) Terphenyl-d14	11.087	244	402659	43.71	ng	0.00
Spiked Amount 50.000			Recovery = 87.42%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03267.D\data.ms
Quant QT Reviewed
SampleID : AC42940-005
Data File: 10M03267.D
Acq On : 03/ 3/09 12:45
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 13:13
Qt Upd On: 03/03/09 11:10
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03267.D
Acq On : 3 Mar 2009 12:45
Operator : AHD
Sample : AC42940-005
Misc : A,BNA
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03267.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.433	10	18	23	rBV3	3491	5339	0.52%	0.062%
2	2.706	64	69	74	rVB3	2394	3085	0.30%	0.036%
3	2.856	90	97	100	rBB	692	1044	0.10%	0.012%
4	2.904	100	106	113	rBV	641	1381	0.13%	0.016%
5	3.284	172	177	182	rBB	8569	9472	0.91%	0.109%
6	3.385	191	196	198	rBB	1027	1025	0.10%	0.012%
7	3.471	207	212	217	rVV	18187	21909	2.11%	0.253%
8	3.519	217	221	225	rVB	1289	1615	0.16%	0.019%
9	3.701	246	255	260	rBB2	7576	7833	0.76%	0.091%
10	3.813	270	276	283	rBB	1058	1847	0.18%	0.021%
11	3.909	290	294	299	rVB3	2935	3237	0.31%	0.037%
12	4.204	345	349	353	rBV	944	1134	0.11%	0.013%
13	4.268	353	361	373	rBV	448773	400904	38.68%	4.633%
14	4.482	393	401	409	rBV3	1962	3616	0.35%	0.042%
15	4.583	416	420	430	rBV	17088	17494	1.69%	0.202%
16	4.760	450	453	465	rBB	30234	27121	2.62%	0.313%
17	4.926	481	484	489	rBB	2424	1481	0.14%	0.017%
18	5.038	498	505	508	rBV	2710	2485	0.24%	0.029%
19	5.070	508	511	513	rVV	10045	8546	0.82%	0.099%
20	5.097	513	516	519	rVV	8299	6774	0.65%	0.078%
21	5.124	519	521	524	rVB	4928	3358	0.32%	0.039%
22	5.161	524	528	530	rBV2	4956	4360	0.42%	0.050%
23	5.193	530	534	540	rVV	412098	325851	31.44%	3.766%
24	5.236	540	542	547	rVB2	5060	5207	0.50%	0.060%
25	5.289	547	552	554	rBV	4598	4206	0.41%	0.049%
26	5.311	555	556	561	rVV2	1840	2721	0.26%	0.031%
27	5.354	561	564	573	rVB2	17621	20376	1.97%	0.235%
28	5.450	579	582	585	rBV	2056	2174	0.21%	0.025%
29	5.498	587	591	598	rBV	615246	439875	42.44%	5.084%
30	5.546	598	600	608	rVV2	3367	3417	0.33%	0.039%
31	5.621	608	614	615	rVV2	1960	2248	0.22%	0.026%
32	5.637	615	617	621	rVB2	2003	2000	0.19%	0.023%
33	5.958	671	677	688	rBV	388332	318447	30.72%	3.680%
34	6.038	688	692	696	rVB2	1551	1799	0.17%	0.021%
35	6.129	704	709	713	rBB2	10169	7918	0.76%	0.092%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03267.D
Acq On : 3 Mar 2009 12:45
Operator : AHD
Sample : AC42940-005
Misc : A,BNA
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

36	6.215	720	725	729	rBB	1839	1720	0.17%	0.020%
37	6.295	737	740	749	rBB2	4975	4083	0.39%	0.047%
38	6.450	762	769	771	rBV2	956	1236	0.12%	0.014%
39	6.514	771	781	792	rVV	816223	601676	58.05%	6.953%
40	6.814	833	837	842	rVB	2355	2185	0.21%	0.025%
41	6.905	848	854	858	rBV	5094	3265	0.32%	0.038%
42	7.231	908	915	919	rBB	949	1202	0.12%	0.014%
43	7.327	928	933	940	rBV	969391	712907	68.78%	8.239%
44	7.386	940	944	949	rVV	7241	8216	0.79%	0.095%
45	7.418	949	950	956	rVB2	1071	1510	0.15%	0.017%
46	7.621	983	988	991	rBB2	1261	1339	0.13%	0.015%
47	7.771	1012	1016	1020	rBV	3449	2158	0.21%	0.025%
48	7.825	1022	1026	1029	rBV2	878	1069	0.10%	0.012%
49	7.889	1033	1038	1051	rBV	948520	745548	71.93%	8.616%
50	8.006	1053	1060	1066	rBV2	2989	3447	0.33%	0.040%
51	8.071	1066	1072	1076	rVB2	1614	1541	0.15%	0.018%
52	8.247	1101	1105	1112	rBV	2862	3750	0.36%	0.043%
53	8.376	1126	1129	1136	rBB	2029	1625	0.16%	0.019%
54	8.606	1166	1172	1183	rBV	773942	720753	69.54%	8.330%
55	8.712	1188	1192	1199	rVB	6471	6598	0.64%	0.076%
56	8.787	1202	1206	1209	rBV	1980	1711	0.17%	0.020%
57	8.819	1209	1212	1215	rVV2	1991	2078	0.20%	0.024%
58	8.857	1215	1219	1221	rVB3	1543	1330	0.13%	0.015%
59	8.959	1236	1238	1243	rBV2	1186	1324	0.13%	0.015%
60	9.007	1243	1247	1250	rBV	1403	1491	0.14%	0.017%
61	9.044	1250	1254	1261	rVB2	1113	1502	0.14%	0.017%
62	9.183	1273	1280	1287	rBV3	1277	2422	0.23%	0.028%
63	9.306	1294	1303	1310	rBV	832069	805637	77.73%	9.311%
64	9.360	1310	1313	1322	rVV2	17920	20163	1.95%	0.233%
65	9.413	1322	1323	1330	rVB2	802	1210	0.12%	0.014%
66	9.499	1336	1339	1345	rBV	1505	1942	0.19%	0.022%
67	9.713	1378	1379	1387	rBB	586	1027	0.10%	0.012%
68	9.841	1399	1403	1407	rVB	1545	1457	0.14%	0.017%
69	9.868	1407	1408	1413	rBV	1422	1494	0.14%	0.017%
70	9.937	1413	1421	1422	rVV2	1904	2808	0.27%	0.032%
71	9.964	1422	1426	1429	rVV	4782	5520	0.53%	0.064%
72	9.991	1429	1431	1434	rVB2	1373	1148	0.11%	0.013%
73	10.114	1449	1454	1457	rBV	937	1182	0.11%	0.014%
74	10.178	1458	1466	1468	rVB	1207	1984	0.19%	0.023%
75	10.248	1473	1479	1482	rBV	742	1382	0.13%	0.016%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03267.D
Acq On : 3 Mar 2009 12:45
Operator : AHD
Sample : AC42940-005
Misc : A,BNA
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

76	10.408	1505	1509	1512	rBV	1154	1227	0.12%	0.014%
77	10.456	1516	1518	1523	rBV	1467	1337	0.13%	0.015%
78	10.563	1533	1538	1542	rVB	1117	1773	0.17%	0.020%
79	10.633	1547	1551	1556	rBV	30934	29919	2.89%	0.346%
80	10.702	1562	1564	1567	rVB	1629	1088	0.10%	0.013%
81	10.745	1567	1572	1574	rBV2	2912	2721	0.26%	0.031%
82	10.820	1585	1586	1591	rVB	1038	1072	0.10%	0.012%
83	10.889	1591	1599	1604	rBV	27143	34668	3.34%	0.401%
84	10.932	1604	1607	1610	rBV	1077	1140	0.11%	0.013%
85	10.959	1610	1612	1616	rVB2	1257	1089	0.11%	0.013%
86	10.991	1616	1618	1624	rBV	1047	1080	0.10%	0.012%
87	11.044	1624	1628	1630	rBV	1673	1581	0.15%	0.018%
88	11.087	1630	1636	1644	rBV	1089513	1036479	100.00%	11.978%
89	11.146	1646	1647	1654	rVB2	1547	2113	0.20%	0.024%
90	11.258	1663	1668	1669	rBV	2405	2313	0.22%	0.027%
91	11.285	1669	1673	1679	rVB	4670	5485	0.53%	0.063%
92	11.365	1685	1688	1692	rVB	4765	3918	0.38%	0.045%
93	11.403	1692	1695	1705	rBV4	2781	4559	0.44%	0.053%
94	11.504	1709	1714	1718	rBV3	2397	3319	0.32%	0.038%
95	11.542	1718	1721	1728	rVB2	1967	3540	0.34%	0.041%
96	11.601	1728	1732	1734	rBV	870	1134	0.11%	0.013%
97	11.681	1743	1747	1749	rBV2	1556	2028	0.20%	0.023%
98	11.788	1764	1767	1771	rBV2	6375	6692	0.65%	0.077%
99	11.825	1771	1774	1778	rVB	7404	7885	0.76%	0.091%
100	11.857	1778	1780	1782	rBV2	1641	1624	0.16%	0.019%
101	11.938	1794	1795	1803	rBV5	981	1429	0.14%	0.017%
102	12.007	1804	1808	1811	rBV2	1946	2623	0.25%	0.030%
103	12.055	1811	1817	1823	rBV4	2993	6733	0.65%	0.078%
104	12.104	1823	1826	1829	rVB3	1191	1158	0.11%	0.013%
105	12.146	1829	1834	1839	rVB2	16431	15404	1.49%	0.178%
106	12.194	1839	1843	1847	rBV2	1469	2254	0.22%	0.026%
107	12.227	1847	1849	1853	rBV3	1473	1658	0.16%	0.019%
108	12.312	1856	1865	1875	rBV	781170	826529	79.74%	9.552%
109	12.376	1875	1877	1884	rVV3	7902	9196	0.89%	0.106%
110	12.430	1884	1887	1890	rVB3	2454	2823	0.27%	0.033%
111	12.451	1890	1891	1895	rVB2	1174	1375	0.13%	0.016%
112	12.478	1895	1896	1899	rVB2	1599	1096	0.11%	0.013%
113	12.510	1899	1902	1905	rBV3	1454	1232	0.12%	0.014%
114	12.537	1905	1907	1910	rBV2	2069	2222	0.21%	0.026%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03267.D
Acq On : 3 Mar 2009 12:45
Operator : AHD
Sample : AC42940-005
Misc : A,BNA
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

115	12.563	1910	1912	1916	rVB3	1590	1964	0.19%	0.023%
116	12.601	1916	1919	1920	rBV3	1410	1198	0.12%	0.014%
117	12.628	1920	1924	1928	rBV2	1547	1769	0.17%	0.020%
118	12.654	1928	1929	1936	rVB3	1130	1576	0.15%	0.018%
119	12.708	1936	1939	1940	rBV2	1935	1340	0.13%	0.015%
120	12.783	1948	1953	1956	rBV3	4516	4806	0.46%	0.056%
121	12.826	1956	1961	1964	rVB5	3012	3844	0.37%	0.044%
122	12.858	1964	1967	1970	rBV4	1407	1786	0.17%	0.021%
123	12.884	1970	1972	1977	rVV5	2463	3118	0.30%	0.036%
124	12.933	1977	1981	1987	rVB4	2553	4683	0.45%	0.054%
125	12.986	1987	1991	1994	rBV4	1618	1657	0.16%	0.019%
126	13.023	1994	1998	2001	rVB3	2113	2087	0.20%	0.024%
127	13.098	2011	2012	2015	rVB2	1520	1203	0.12%	0.014%
128	13.168	2019	2025	2033	rBV2	9975	12792	1.23%	0.148%
129	13.248	2037	2040	2044	rBV6	1533	1561	0.15%	0.018%
130	13.307	2047	2051	2052	rVB3	1687	1403	0.14%	0.016%
131	13.328	2054	2055	2062	rVB5	2780	4372	0.42%	0.051%
132	13.414	2068	2071	2076	rBV5	1916	2340	0.23%	0.027%
133	13.473	2079	2082	2083	rVB2	2001	1330	0.13%	0.015%
134	13.505	2083	2088	2099	rBV2	16657	41117	3.97%	0.475%
135	13.612	2104	2108	2114	rVB4	6564	8591	0.83%	0.099%
136	13.655	2114	2116	2119	rBV4	2950	2801	0.27%	0.032%
137	13.703	2122	2125	2127	rBV4	3000	2586	0.25%	0.030%
138	13.735	2130	2131	2135	rBV3	1774	1957	0.19%	0.023%
139	13.788	2138	2141	2147	rBV	11746	13084	1.26%	0.151%
140	13.842	2147	2151	2156	rVV3	14594	16658	1.61%	0.193%
141	13.901	2156	2162	2177	rBV	850448	995442	96.04%	11.504%
142	14.024	2182	2185	2193	rVV8	5760	7299	0.70%	0.084%
143	14.077	2193	2195	2202	rVB5	4715	6658	0.64%	0.077%
144	14.152	2208	2209	2213	rBV4	2133	2646	0.26%	0.031%
145	14.222	2219	2222	2225	rBV5	1853	2420	0.23%	0.028%
146	14.350	2244	2246	2248	rBV3	1438	1095	0.11%	0.013%
147	14.425	2259	2260	2263	rBV2	1304	1136	0.11%	0.013%
148	14.462	2266	2267	2269	rBV2	4300	3002	0.29%	0.035%
149	14.542	2279	2282	2285	rBV5	4015	4542	0.44%	0.052%
150	14.633	2296	2299	2302	rVB4	2037	2404	0.23%	0.028%
151	14.698	2309	2311	2313	rBV4	2077	2381	0.23%	0.028%
152	14.767	2318	2324	2330	rVB9	3393	6971	0.67%	0.081%
153	14.815	2330	2333	2335	rBV4	2187	2682	0.26%	0.031%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03267.D
Acq On : 3 Mar 2009 12:45
Operator : AHD
Sample : AC42940-005
Misc : A,BNA
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

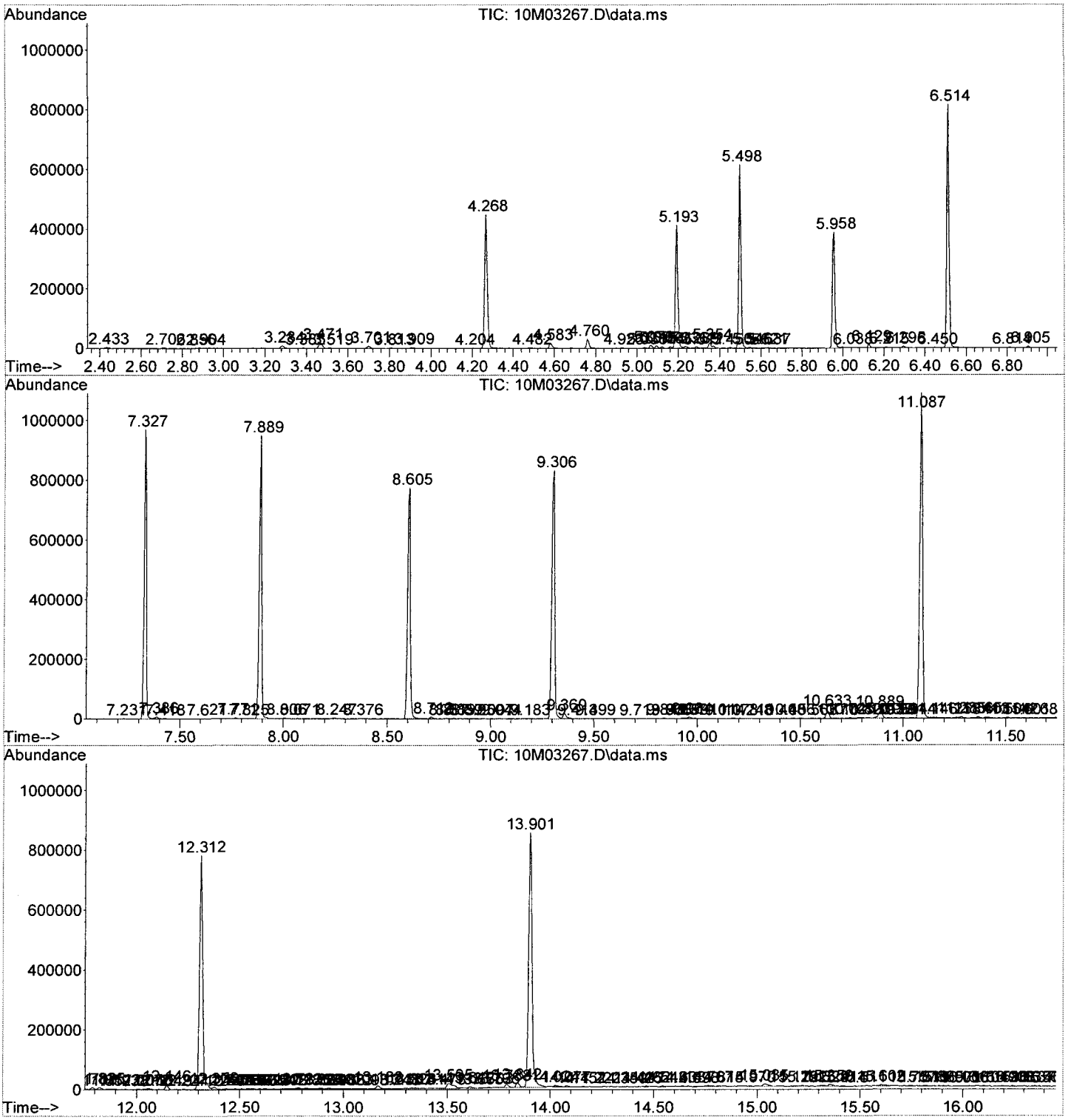
154	14.970	2359	2362	2363	rVB3	2676	1788	0.17%	0.021%
155	15.035	2370	2374	2383	rVB8	7791	13339	1.29%	0.154%
156	15.179	2397	2401	2404	rBV4	2988	4167	0.40%	0.048%
157	15.222	2405	2409	2412	rVB5	2834	2946	0.28%	0.034%
158	15.329	2421	2429	2430	rBV7	2922	4404	0.42%	0.051%
159	15.350	2431	2433	2441	rVB6	6241	8726	0.84%	0.101%
160	15.414	2443	2445	2452	rVB6	3259	3855	0.37%	0.045%
161	15.511	2461	2463	2465	rBV3	1434	1385	0.13%	0.016%
162	15.602	2476	2480	2488	rVB10	4571	8968	0.87%	0.104%
163	15.757	2504	2509	2512	rBV7	2505	3966	0.38%	0.046%
164	15.810	2518	2519	2525	rBV5	2667	3858	0.37%	0.045%
165	15.885	2531	2533	2536	rBV4	2465	1371	0.13%	0.016%
166	15.971	2545	2549	2551	rBV5	2093	3195	0.31%	0.037%
167	16.008	2554	2556	2559	rBV4	1456	1777	0.17%	0.021%
168	16.104	2571	2574	2577	rVB5	1924	2278	0.22%	0.026%
169	16.158	2582	2584	2586	rBV3	3099	1906	0.18%	0.022%
170	16.190	2589	2590	2595	rVB5	2213	2349	0.23%	0.027%
171	16.238	2598	2599	2603	rBV3	2556	2659	0.26%	0.031%
172	16.356	2617	2621	2623	rVB4	3145	3356	0.32%	0.039%
173	16.377	2623	2625	2627	rVB2	2514	1386	0.13%	0.016%
174	16.409	2627	2631	2636	rVB8	2465	3471	0.33%	0.040%

Sum of corrected areas: 8652906

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03267.D
Acq On : 3 Mar 2009 12:45
Operator : AHD
Sample : AC42940-005
Misc : A,BNA
ALS Vial : 5 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03267.D
Acq On : 3 Mar 2009 12:45
Operator : AHD
Sample : AC42940-005
Misc : A,BNA
ALS Vial : 5 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 10M03268.D
Analysis Date: 03/03/09 13:07
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	2.2	U
95-48-7	2-Methylphenol	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	11	U
106-47-8	4-Chloroaniline	2.2	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	2.2	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	2.2	U
208-96-8	Acenaphthylene	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
92-87-5	Benzidine	11	U	87-86-5	Pentachlorophenol	11	U
56-55-3	Benzo[a]anthracene	2.2	U	85-01-8	Phenanthrene	2.2	U
50-32-8	Benzo[a]pyrene	2.2	U	108-95-2	Phenol	2.2	U
205-99-2	Benzo[b]fluoranthene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 10M03268.D
Analysis Date: 03/03/09 13:07
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1	995-25-5	Silane, chlorotripropyl-	8.82	6.8 J
2	25154-52-3	Phenol, nonyl-	8.85	4.7 J
3	140-66-9	Phenol, 4-(1,1,3,3-tetramethylbutyl)-	8.92	4.8 J
4	25154-52-3	Phenol, nonyl-	8.97	6.7 J
5	54932-78-4	Phenol, 4-(2,2,3,3-tetramethylbutyl)-	9.01	5.3 J

Worksheet #: 110511

Total Tentatively Identified Concentration 28

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

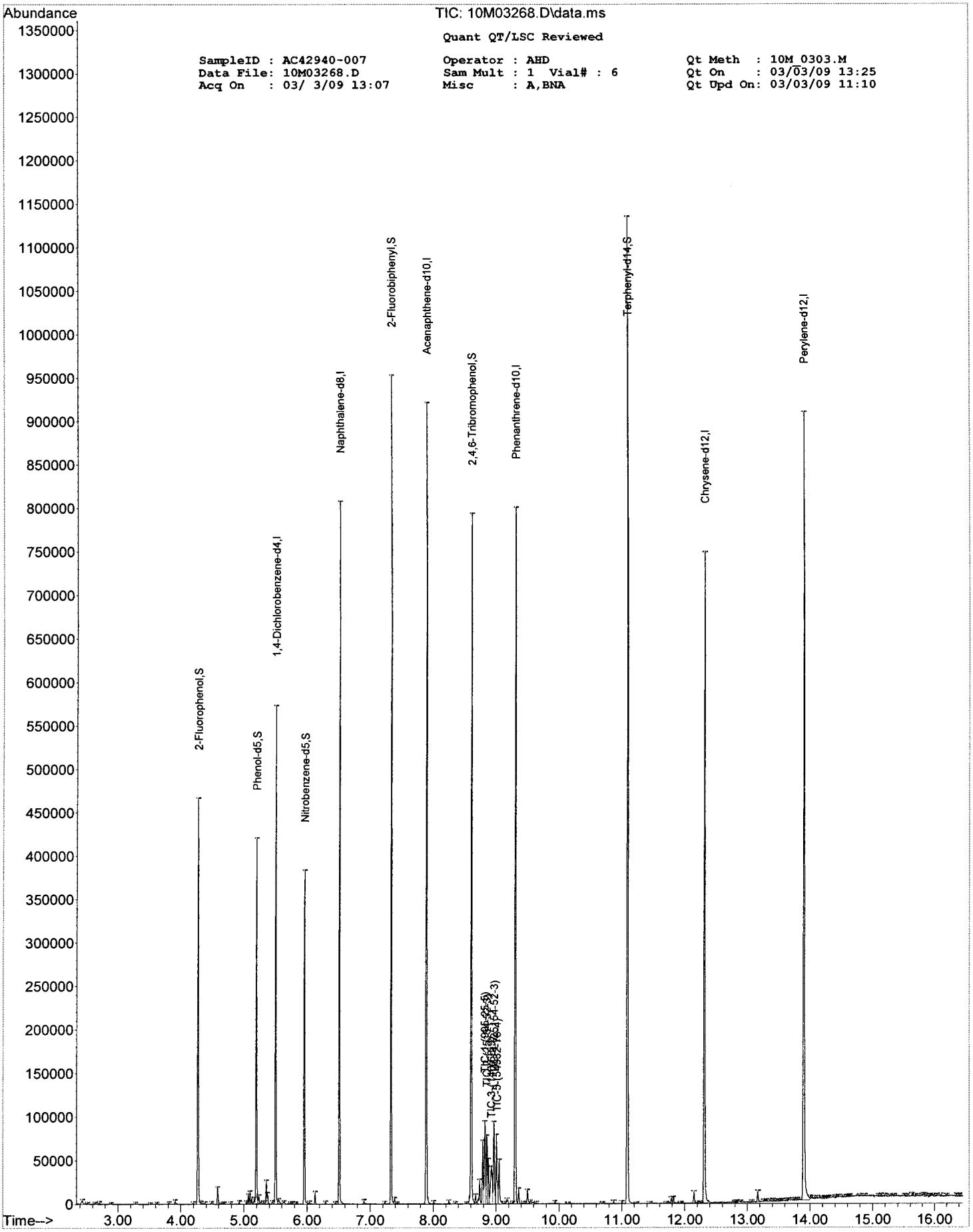
Quantitation Report (QT/LSC Reviewed)

SampleID : AC42940-007 Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03268.D Sam Mult : 1 Vial# : 6 Qt On : 03/03/09 13:25
Acq On : 03/ 3/09 13:07 Misc : A,BNA Qt Upd On: 03/03/09 11:10

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	72332	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	274410	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	166414	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	292868	40.00	ng	0.00
81) Chrysene-d12	12.312	240	316889	40.00	ng	0.00
96) Perylene-d12	13.901	264	359504	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	114562	54.78	ng	0.00
Spiked Amount 100.000			Recovery = 54.78%			
9) Phenol-d5	5.193	99	114174	39.43	ng	0.00
Spiked Amount 100.000			Recovery = 39.43%			
24) Nitrobenzene-d5	5.958	128	46458	40.43	ng	0.00
Spiked Amount 50.000			Recovery = 80.86%			
46) 2-Fluorobiphenyl	7.327	172	245541	40.82	ng	0.00
Spiked Amount 50.000			Recovery = 81.64%			
70) 2,4,6-Tribromophenol	8.605	330	107256	91.60	ng	0.00
Spiked Amount 100.000			Recovery = 91.60%			
84) Terphenyl-d14	11.087	244	413895	46.69	ng	0.00
Spiked Amount 50.000			Recovery = 93.38%			
Target Compounds						Qvalue
Library Search Compounds						
1) 995-25-5	8.820		117446	6.11	ng	64
2) 25154-52-3	8.850		82095	4.27	ng	64
3) 140-66-9	8.920		82892	4.31	ng	78
4) 25154-52-3	8.970		116082	6.04	ng	87
5) 54932-78-4	9.010		90946	4.73	ng	78

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03268.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC42940-007
Data File: 10M03268.D
Acq On : 03/ 3/09 13:07
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 13:25
Qt Upd On: 03/03/09 11:10
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03268.D
Acq On : 3 Mar 2009 13:07
Operator : AHD
Sample : AC42940-007
Misc : A,BNA
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03268.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.439	10	19	27	rVB3	4615	8278	0.77%	0.093%
2	2.519	32	34	39	rVB	824	1011	0.09%	0.011%
3	2.636	55	56	63	rVB	823	1061	0.10%	0.012%
4	2.706	66	69	74	rBV3	1704	1815	0.17%	0.020%
5	2.893	97	104	108	rBB	711	1211	0.11%	0.014%
6	3.278	171	176	181	rBB2	947	1018	0.09%	0.011%
7	3.514	218	220	225	rBV	758	1121	0.10%	0.013%
8	3.621	233	240	242	rBV2	780	1126	0.10%	0.013%
9	3.813	271	276	284	rBB2	1687	2160	0.20%	0.024%
10	3.909	288	294	298	rBV	3681	3674	0.34%	0.041%
11	4.193	345	347	353	rVB3	1521	1609	0.15%	0.018%
12	4.268	353	361	369	rBV	466045	407557	37.89%	4.580%
13	4.316	369	370	379	rVB4	1844	2377	0.22%	0.027%
14	4.380	380	382	389	rVB3	1334	1392	0.13%	0.016%
15	4.482	394	401	409	rBV4	1812	4103	0.38%	0.046%
16	4.578	416	419	425	rBV	18683	18226	1.69%	0.205%
17	4.647	429	432	436	rVB2	881	1168	0.11%	0.013%
18	4.685	436	439	451	rVB2	1150	2098	0.20%	0.024%
19	4.787	452	458	461	rBV2	1395	1548	0.14%	0.017%
20	4.926	481	484	487	rBB	2810	2031	0.19%	0.023%
21	5.038	500	505	508	rBV	2620	2445	0.23%	0.027%
22	5.070	508	511	513	rBV	10306	8217	0.76%	0.092%
23	5.097	513	516	518	rVV	13546	9586	0.89%	0.108%
24	5.124	518	521	525	rVB	6872	4709	0.44%	0.053%
25	5.161	525	528	530	rBV	6907	5913	0.55%	0.066%
26	5.193	530	534	539	rVV	418806	336572	31.29%	3.783%
27	5.236	539	542	546	rVB3	8533	8683	0.81%	0.098%
28	5.273	547	549	553	rVB3	2171	2062	0.19%	0.023%
29	5.311	553	556	560	rBV2	2293	2611	0.24%	0.029%
30	5.354	560	564	566	rBV	26054	21695	2.02%	0.244%
31	5.370	566	567	572	rVB2	11465	9478	0.88%	0.107%
32	5.450	577	582	586	rBV2	2798	3617	0.34%	0.041%
33	5.498	586	591	599	rVV	572253	429141	39.89%	4.823%
34	5.546	599	600	607	rVB3	4760	6180	0.57%	0.069%
35	5.637	609	617	621	rVB4	2667	5180	0.48%	0.058%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03268.D
Acq On : 3 Mar 2009 13:07
Operator : AHD
Sample : AC42940-007
Misc : A,BNA
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

36	5.733	633	635	638	rBV	1192	1407	0.13%	0.016%
37	5.765	638	641	643	rVB	1569	1158	0.11%	0.013%
38	5.824	650	652	657	rBV2	1192	1862	0.17%	0.021%
39	5.958	669	677	688	rBV	382606	311665	28.97%	3.503%
40	6.038	688	692	697	rVB3	2236	2925	0.27%	0.033%
41	6.129	705	709	714	rBV	13469	9835	0.91%	0.111%
42	6.295	736	740	743	rBB	2418	1922	0.18%	0.022%
43	6.450	766	769	771	rBV	1615	1319	0.12%	0.015%
44	6.514	776	781	795	rBV	806841	574330	53.39%	6.455%
45	6.905	851	854	858	rVB2	4126	2739	0.25%	0.031%
46	7.231	910	915	917	rBV	1587	1231	0.11%	0.014%
47	7.327	926	933	941	rBV	951892	696872	64.78%	7.832%
48	7.386	941	944	948	rVV2	6121	6559	0.61%	0.074%
49	7.423	948	951	957	rVB3	891	1181	0.11%	0.013%
50	7.889	1033	1038	1052	rVB	920574	715915	66.55%	8.046%
51	8.006	1055	1060	1065	rBV2	2430	2471	0.23%	0.028%
52	8.247	1101	1105	1109	rVB2	3189	2687	0.25%	0.030%
53	8.354	1113	1125	1128	rVB	1459	2151	0.20%	0.024%
54	8.531	1148	1158	1161	rBV4	1279	2581	0.24%	0.029%
55	8.605	1161	1172	1182	rBV	792667	747489	69.49%	8.401%
56	8.675	1182	1185	1189	rVV3	9007	7412	0.69%	0.083%
57	8.739	1190	1197	1202	rVV2	27078	30535	2.84%	0.343%
58	8.787	1202	1206	1209	rVV	72008	65527	6.09%	0.736%
59	8.819	1209	1212	1216	rVV2	93992	117446	10.92%	1.320%
60	8.852	1216	1218	1221	rVV2	77743	82095	7.63%	0.923%
61	8.878	1221	1223	1226	rVV	50852	44648	4.15%	0.502%
62	8.921	1226	1231	1236	rVV2	41961	82892	7.71%	0.932%
63	8.969	1236	1240	1244	rVV3	93261	116082	10.79%	1.305%
64	9.007	1244	1247	1252	rVV	78365	90946	8.45%	1.022%
65	9.049	1252	1255	1268	rVV	49945	54702	5.09%	0.615%
66	9.135	1268	1271	1275	rVV	1196	1612	0.15%	0.018%
67	9.172	1275	1278	1286	rVV6	4988	7787	0.72%	0.088%
68	9.263	1286	1295	1297	rVV3	1274	2056	0.19%	0.023%
69	9.306	1297	1303	1310	rVV	799667	770418	71.62%	8.659%
70	9.360	1310	1313	1319	rVB	16745	16122	1.50%	0.181%
71	9.435	1324	1327	1329	rVB2	1144	1154	0.11%	0.013%
72	9.499	1332	1339	1346	rBV2	14998	16422	1.53%	0.185%
73	9.547	1346	1348	1354	rVV3	2069	3568	0.33%	0.040%
74	9.643	1364	1366	1373	rVB3	1354	1516	0.14%	0.017%
75	9.937	1416	1421	1427	rBV	2184	2566	0.24%	0.029%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03268.D
Acq On : 3 Mar 2009 13:07
Operator : AHD
Sample : AC42940-007
Misc : A,BNA
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

76	10.146	1454	1460	1462	rVB2	749	1305	0.12%	0.015%
77	10.697	1556	1563	1566	rBV3	967	1345	0.13%	0.015%
78	10.873	1592	1596	1600	rBV2	2301	1808	0.17%	0.020%
79	11.002	1615	1620	1625	rVB3	1960	1891	0.18%	0.021%
80	11.087	1630	1636	1651	rBV	1134501	1075724	100.00%	12.090%
81	11.237	1661	1664	1669	rVB	622	973	0.09%	0.011%
82	11.440	1696	1702	1708	rVB	682	1339	0.12%	0.015%
83	11.708	1747	1752	1755	rBV2	1004	1771	0.16%	0.020%
84	11.788	1763	1767	1771	rBV	5738	5989	0.56%	0.067%
85	11.820	1771	1773	1778	rVB	6296	5954	0.55%	0.067%
86	11.938	1793	1795	1800	rBV2	741	1082	0.10%	0.012%
87	12.146	1830	1834	1840	rBV	13096	13516	1.26%	0.152%
88	12.200	1843	1844	1851	rVB2	760	1078	0.10%	0.012%
89	12.253	1851	1854	1856	rBV2	1013	969	0.09%	0.011%
90	12.312	1856	1865	1876	rBV	747481	750796	69.79%	8.438%
91	12.799	1955	1956	1960	rVB	1309	1241	0.12%	0.014%
92	12.826	1960	1961	1964	rBV3	1843	1442	0.13%	0.016%
93	12.895	1972	1974	1979	rVB4	957	1039	0.10%	0.012%
94	13.072	2004	2007	2011	rBV3	1243	1553	0.14%	0.017%
95	13.168	2021	2025	2033	rBV3	12114	13818	1.28%	0.155%
96	13.264	2039	2043	2044	rBV2	1519	1262	0.12%	0.014%
97	13.302	2048	2050	2056	rVB3	1574	2338	0.22%	0.026%
98	13.360	2056	2061	2063	rBV3	1506	1395	0.13%	0.016%
99	13.414	2068	2071	2078	rBV5	2334	3668	0.34%	0.041%
100	13.457	2078	2079	2085	rVB3	1125	1551	0.14%	0.017%
101	13.505	2085	2088	2090	rVB2	1282	1107	0.10%	0.012%
102	13.537	2090	2094	2096	rBV3	1546	2076	0.19%	0.023%
103	13.564	2096	2099	2103	rVV4	1360	1327	0.12%	0.015%
104	13.628	2107	2111	2113	rVB3	1776	2002	0.19%	0.023%
105	13.649	2113	2115	2116	rBV	2034	1302	0.12%	0.015%
106	13.740	2129	2132	2133	rVB2	1557	1151	0.11%	0.013%
107	13.762	2133	2136	2141	rBV5	2019	2561	0.24%	0.029%
108	13.799	2141	2143	2146	rBV3	1728	1433	0.13%	0.016%
109	13.901	2153	2162	2180	rBV	905573	993521	92.36%	11.166%
110	14.008	2180	2182	2185	rVB4	2278	2363	0.22%	0.027%
111	14.077	2192	2195	2197	rBV4	2251	1752	0.16%	0.020%
112	14.115	2197	2202	2204	rVV4	2204	2876	0.27%	0.032%
113	14.200	2214	2218	2220	rBV3	2012	2379	0.22%	0.027%
114	14.216	2220	2221	2223	rVV2	1906	1326	0.12%	0.015%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03268.D
Acq On : 3 Mar 2009 13:07
Operator : AHD
Sample : AC42940-007
Misc : A,BNA
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

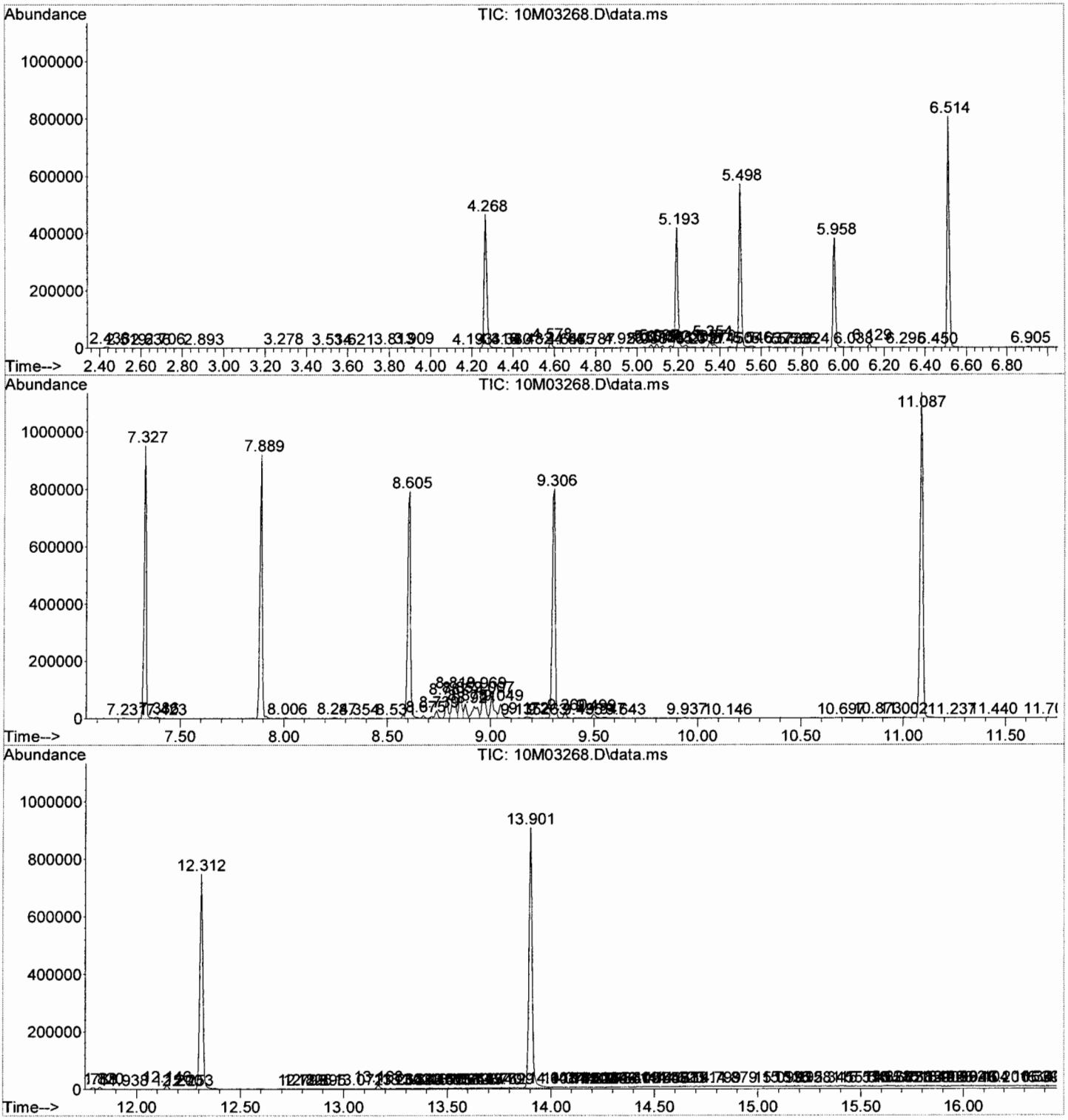
115	14.254	2223	2228	2229	rVB4	2270	2847	0.26%	0.032%
116	14.275	2230	2232	2234	rBV2	1888	1903	0.18%	0.021%
117	14.296	2234	2236	2238	rVB3	1461	1227	0.11%	0.014%
118	14.361	2244	2248	2250	rBV3	1205	1118	0.10%	0.013%
119	14.409	2255	2257	2258	rBV2	2198	1431	0.13%	0.016%
120	14.457	2263	2266	2267	rVB2	1613	1135	0.11%	0.013%
121	14.548	2280	2283	2288	rBV6	1554	2556	0.24%	0.029%
122	14.591	2288	2291	2293	rBV4	1411	1332	0.12%	0.015%
123	14.623	2296	2297	2299	rBV2	1845	1074	0.10%	0.012%
124	14.639	2299	2300	2305	rVV4	1580	1872	0.17%	0.021%
125	14.799	2328	2330	2333	rBV2	1262	1087	0.10%	0.012%
126	14.879	2343	2345	2347	rBV2	1515	1276	0.12%	0.014%
127	15.099	2383	2386	2389	rBV5	1906	1394	0.13%	0.016%
128	15.136	2389	2393	2399	rBV8	2149	3335	0.31%	0.037%
129	15.195	2402	2404	2406	rBV3	2299	1818	0.17%	0.020%
130	15.281	2414	2420	2424	rBV7	1121	2386	0.22%	0.027%
131	15.345	2431	2432	2436	rBV4	1432	1374	0.13%	0.015%
132	15.516	2461	2464	2467	rVV4	1850	1943	0.18%	0.022%
133	15.543	2467	2469	2473	rVB5	1667	2016	0.19%	0.023%
134	15.628	2484	2485	2488	rBV3	2473	1572	0.15%	0.018%
135	15.682	2494	2495	2497	rBV2	1808	1117	0.10%	0.013%
136	15.730	2502	2504	2506	rBV3	1472	1049	0.10%	0.012%
137	15.821	2518	2521	2523	rVB4	2372	2579	0.24%	0.029%
138	15.842	2523	2525	2529	rVB4	2642	2942	0.27%	0.033%
139	15.906	2536	2537	2539	rVB	2058	1156	0.11%	0.013%
140	15.928	2539	2541	2543	rBV3	2400	2000	0.19%	0.022%
141	15.992	2551	2553	2557	rBV4	2257	2939	0.27%	0.033%
142	16.040	2560	2562	2563	rBV2	2122	1588	0.15%	0.018%
143	16.104	2572	2574	2577	rBV3	2229	2054	0.19%	0.023%
144	16.201	2585	2592	2593	rVB6	1871	2842	0.26%	0.032%
145	16.361	2619	2622	2625	rBV5	2597	2831	0.26%	0.032%
146	16.393	2625	2628	2630	rVB4	2318	1850	0.17%	0.021%
147	16.409	2630	2631	2633	rBV2	2508	1581	0.15%	0.018%

Sum of corrected areas: 8897725

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03268.D
Acq On : 3 Mar 2009 13:07
Operator : AHD
Sample : AC42940-007
Misc : A,BNA
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03268.D
Acq On : 3 Mar 2009 13:07
Operator : AHD
Sample : AC42940-007
Misc : A,BNA
ALS Vial : 6 Sample Multiplier: 1

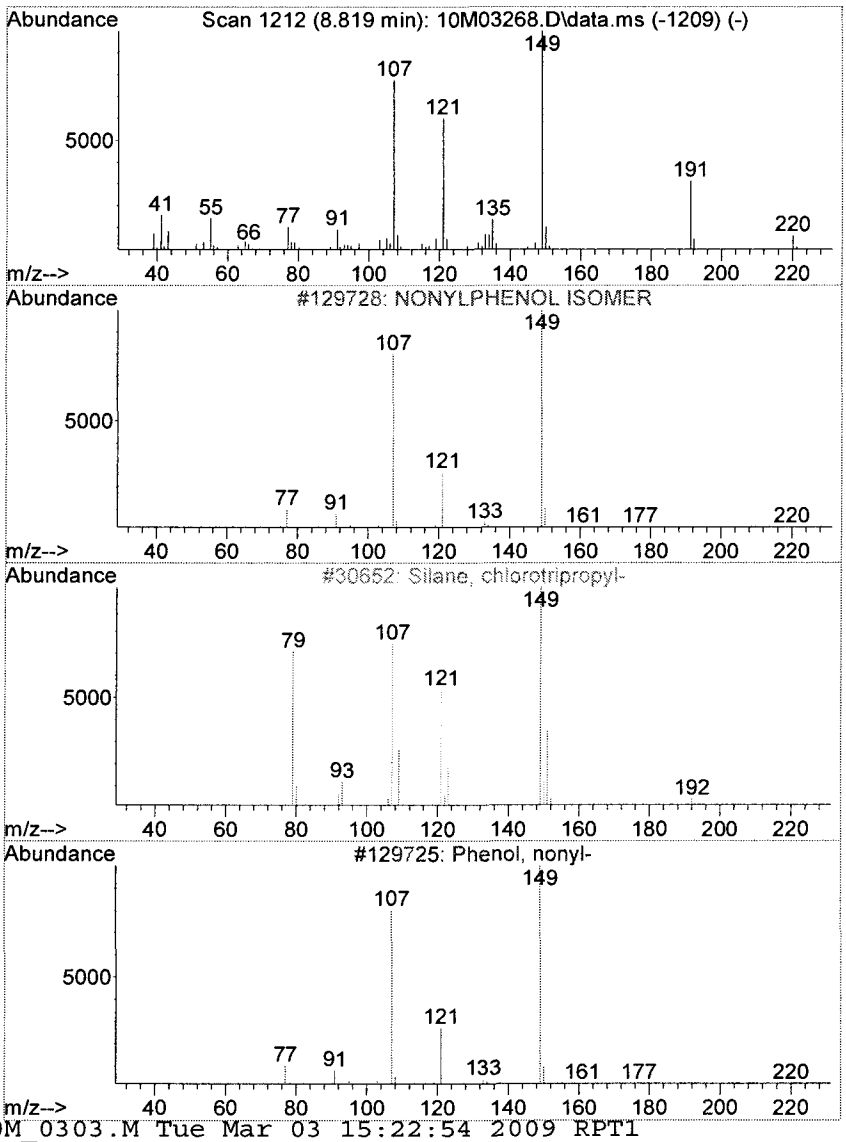
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

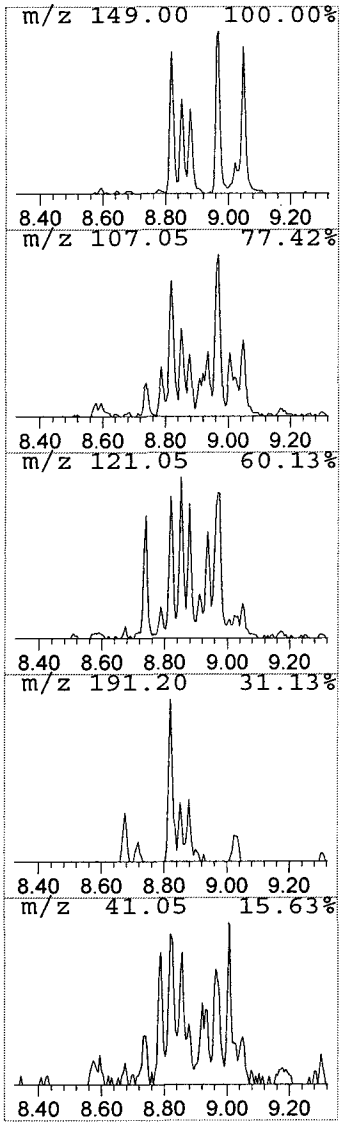
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Silane, chlorotripropyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	6.11 ng	117446	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	NONYLPHENOL ISOMER	220	C15H24O	000000-00-0	64
2	Silane, chlorotripropyl-	192	C9H21ClSi	000995-25-5	64
3	Phenol, nonyl-	220	C15H24O	025154-52-3	64
4	Benzenepropanoic acid, 2-propeny...	190	C12H14O2	015814-45-6	45
5	Phenol, 4-butyl-	150	C10H14O	001638-22-8	42





Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03268.D
Acq On : 3 Mar 2009 13:07
Operator : AHD
Sample : AC42940-007
Misc : A,BNA
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

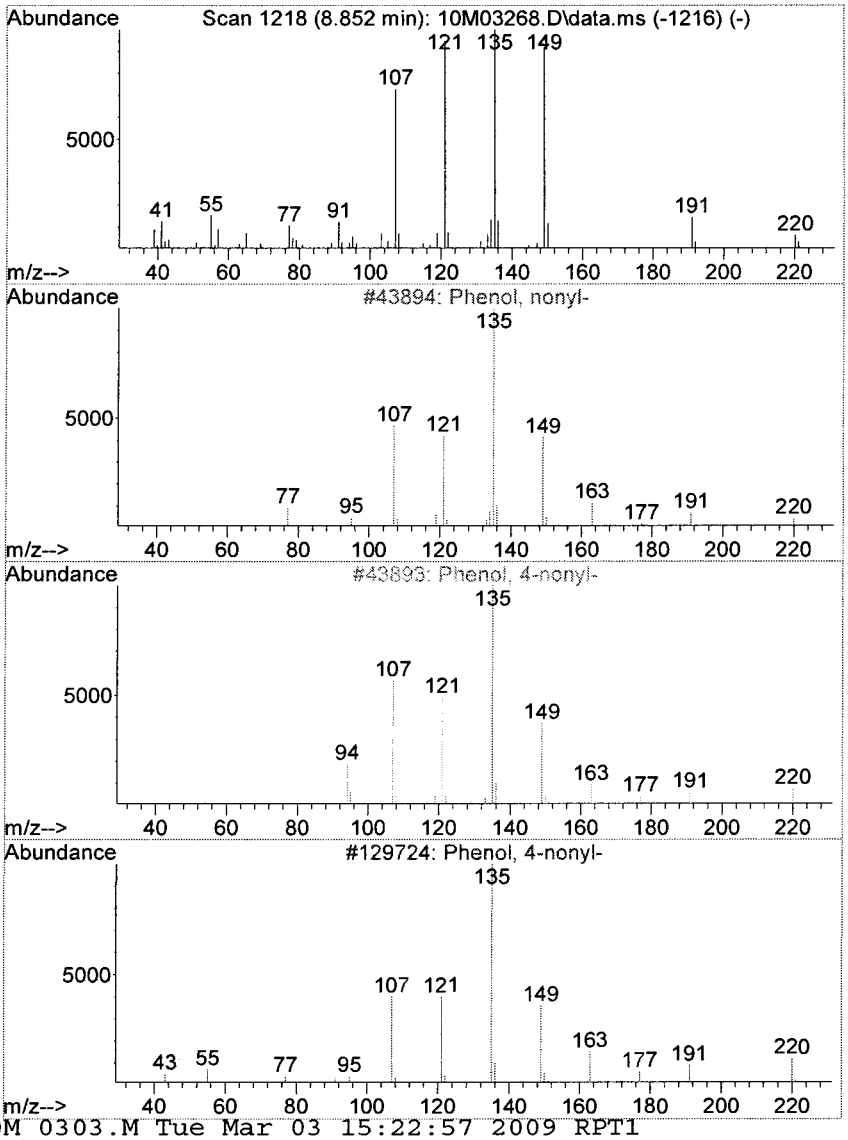
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

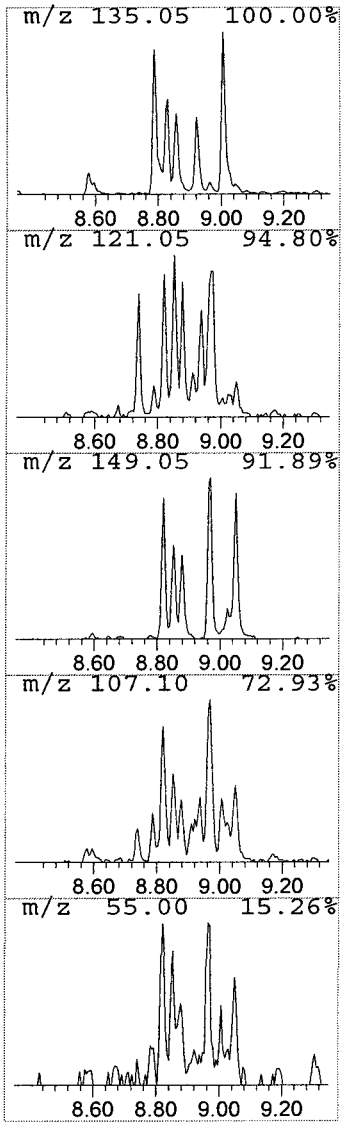
****

Peak Number 2 Phenol, nonyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	4.27 ng	82095	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, nonyl-	220	C15H24O	025154-52-3	64
2	Phenol, 4-nonyl-	220	C15H24O	000104-40-5	46
3	Phenol, 4-nonyl-	220	C15H24O	000104-40-5	38
4	2-NONYLPHENOL	220	C15H24O	000136-83-4	38
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	38





Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03268.D
Acq On : 3 Mar 2009 13:07
Operator : AHD
Sample : AC42940-007
Misc : A,BNA
ALS Vial : 6 Sample Multiplier: 1

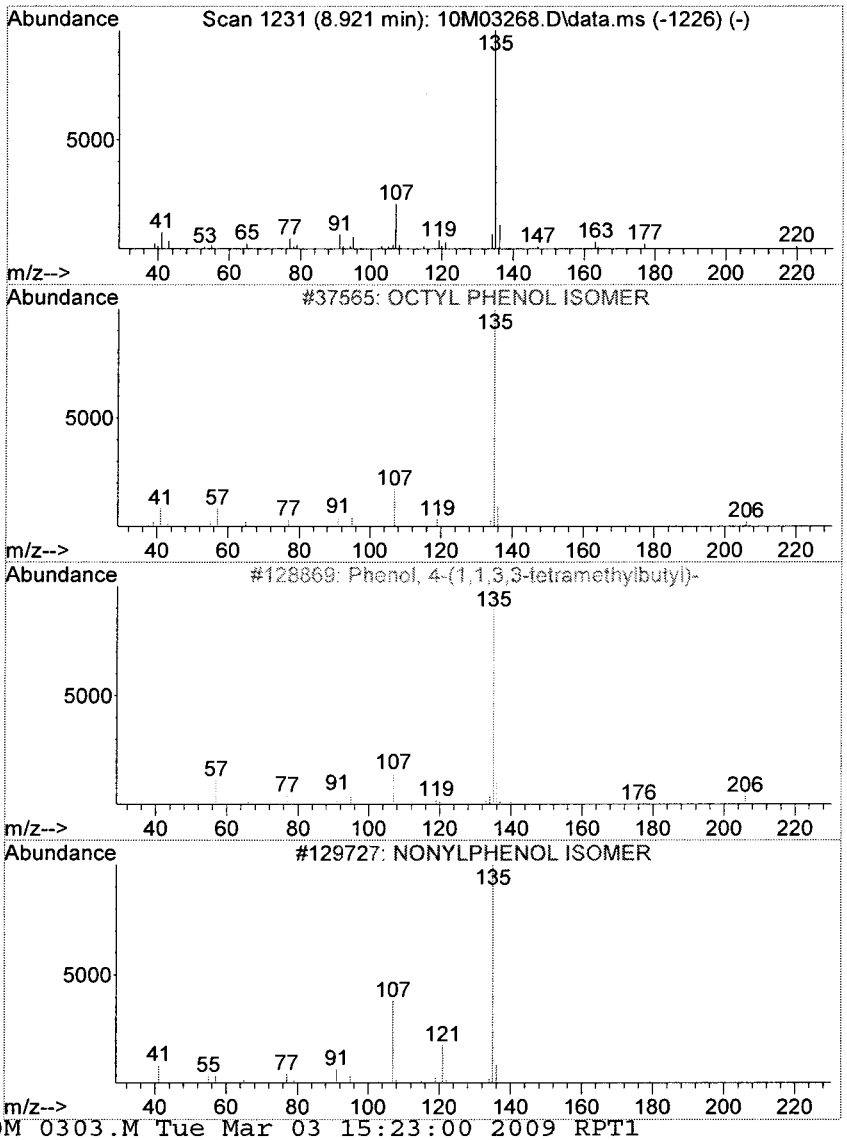
Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

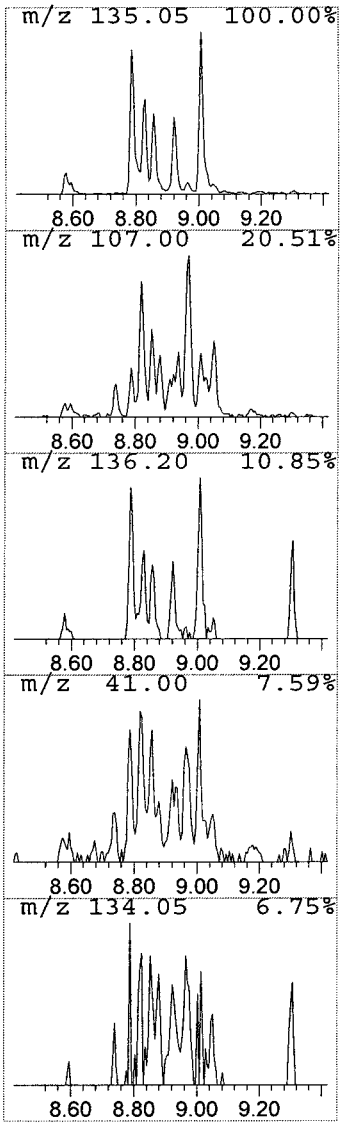
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	4.31 ng	82892	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	OCTYL PHENOL ISOMER	206	C14H22O	000000-00-0	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	NONYLPHENOL ISOMER	220	C15H24O	000000-00-0	72
4	Phenol, 4-(1,1-dimethylethyl)-	150	C10H14O	000098-54-4	72
5	Phenol, 4-nonyl-	220	C15H24O	000104-40-5	64





Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03268.D
Acq On : 3 Mar 2009 13:07
Operator : AHD
Sample : AC42940-007
Misc : A,BNA
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

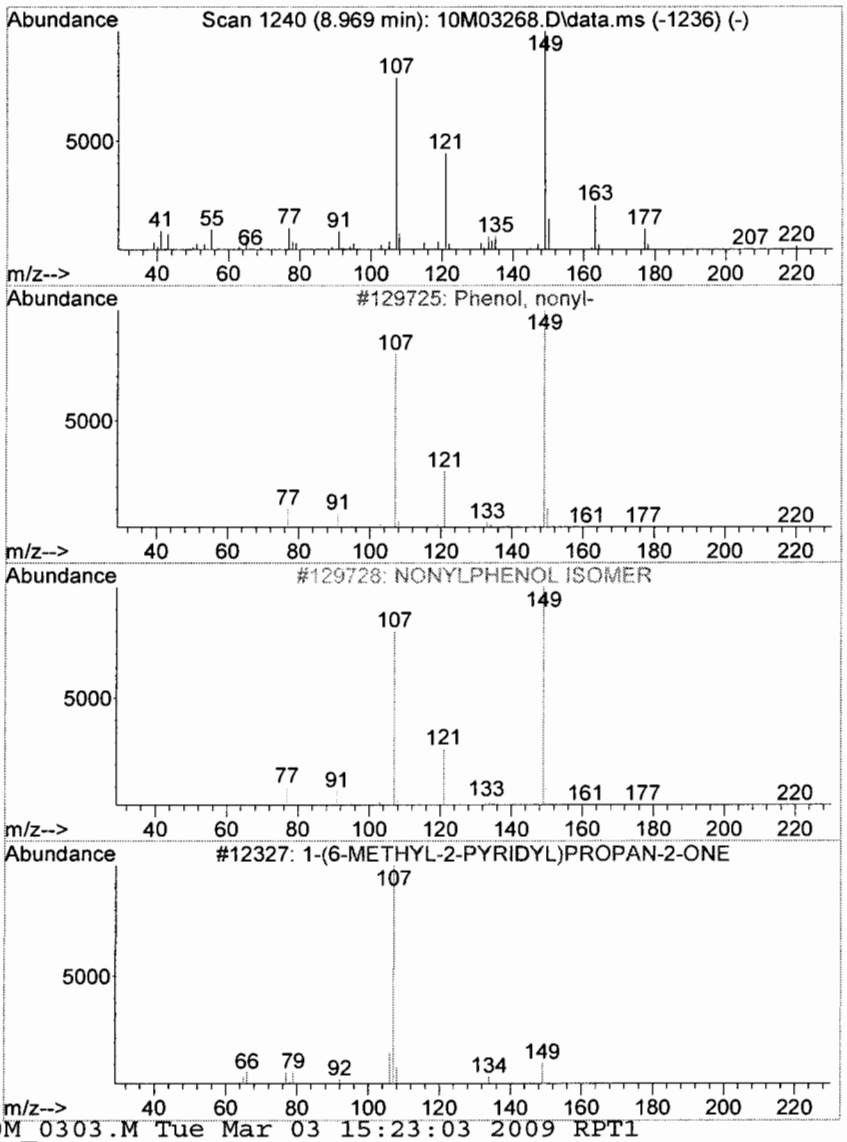
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

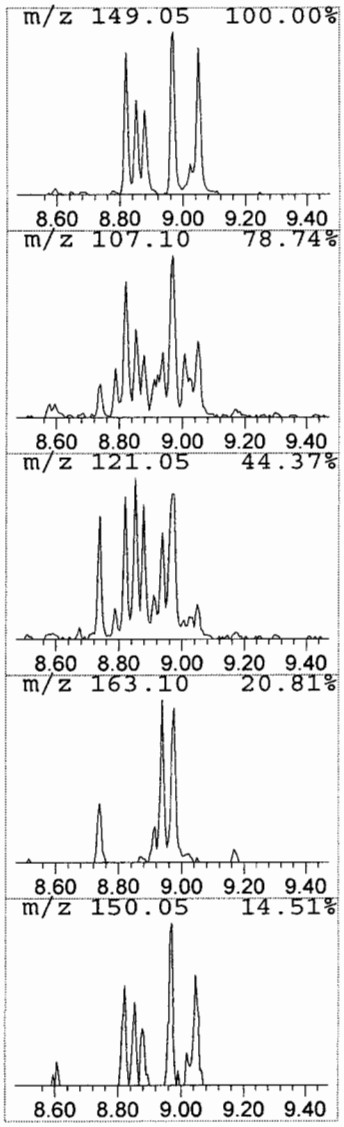
****

Peak Number 4 Phenol, nonyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	6.04 ng	116082	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, nonyl-	220	C15H24O	025154-52-3	87
2	NONYLPHENOL ISOMER	220	C15H24O	000000-00-0	87
3	1-(6-METHYL-2-PYRIDYL)PROPAN-2-ONE	149	C9H11NO	065702-08-1	59
4	2-PROPYL-5-BUTYLPYRIDINE	177	C12H19N	000000-00-0	43
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43





Library Search Compound Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03268.D
Acq On : 3 Mar 2009 13:07
Operator : AHD
Sample : AC42940-007
Misc : A,BNA
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

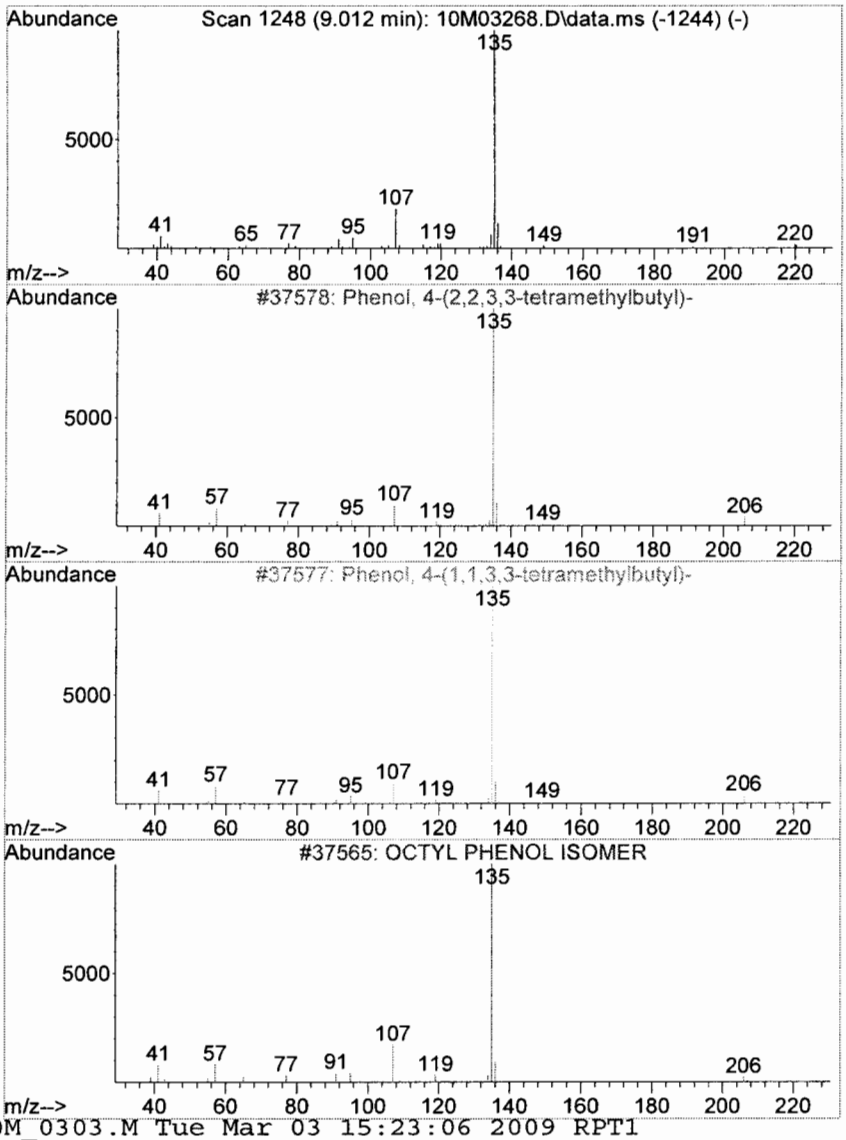
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

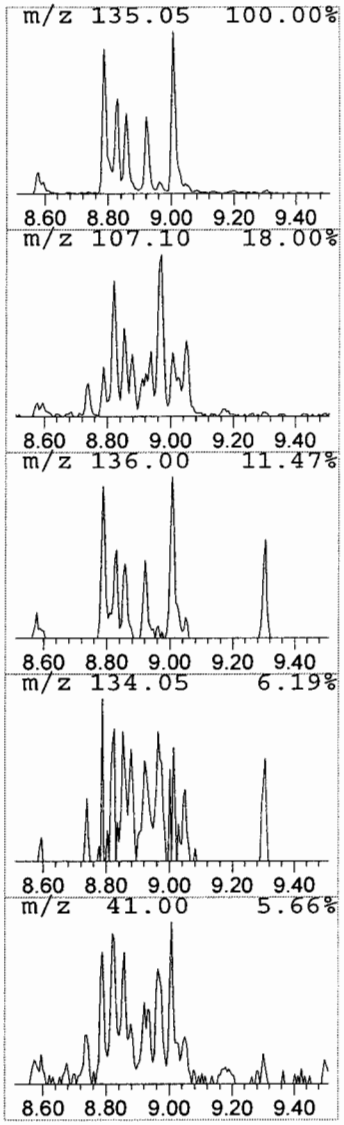
****

Peak Number 5 Phenol, 4-(2,2,3,3-tetramet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	4.73 ng	90946	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2,2,3,3-tetramethylbu...	206	C14H22O	054932-78-4	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	OCTYL PHENOL ISOMER	206	C14H22O	000000-00-0	72
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
5	Phenol, 4-nonyl-	220	C15H24O	000104-40-5	64





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03268.D
Acq On : 3 Mar 2009 13:07
Operator : AHD
Sample : AC42940-007
Misc : A,BNA
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc
Silane, chlorotri...	8.82	6.1	ng	117446	4	9.31	9.31	768649	40.0
Phenol, nonyl-	8.85	4.3	ng	82095	4	9.31	9.31	768649	40.0
Phenol, 4-(1,1,3,...	8.92	4.3	ng	82892	4	9.31	9.31	768649	40.0
Phenol, nonyl-	8.97	6.0	ng	116082	4	9.31	9.31	768649	40.0
Phenol, 4-(2,2,3,...	9.01	4.7	ng	90946	4	9.31	9.31	768649	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-009
Client Id: MW-5 U
Data File: 10M03269.D
Analysis Date: 03/03/09 13:29
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	2.2	U
95-48-7	2-Methylphenol	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	11	U
106-47-8	4-Chloroaniline	2.2	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	2.2	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	2.2	U
208-96-8	Acenaphthylene	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
92-87-5	Benzidine	11	U	87-86-5	Pentachlorophenol	11	U
56-55-3	Benzo[a]anthracene	2.2	U	85-01-8	Phenanthrene	2.2	U
50-32-8	Benzo[a]pyrene	2.2	U	108-95-2	Phenol	2.2	U
205-99-2	Benzo[b]fluoranthene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-009
Client Id: MW-5 U
Data File: 10M03269.D
Analysis Date: 03/03/09 13:29
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110511

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

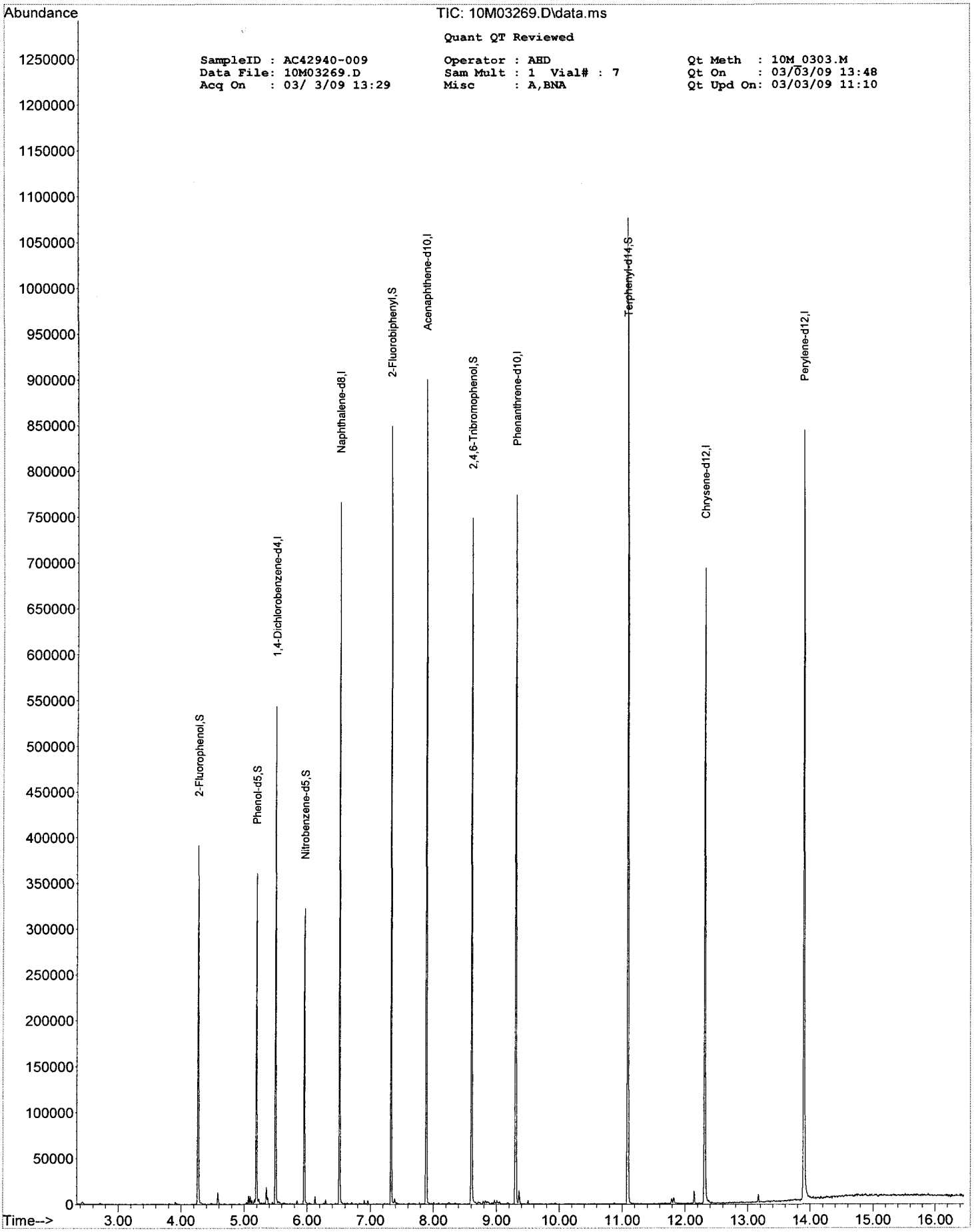
Quantitation Report (QT Reviewed)

SampleID : AC42940-009 Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03269.D Sam Mult : 1 Vial# : 7 Qt On : 03/03/09 13:48
Acq On : 03/ 3/09 13:29 Misc : A,BNA Qt Upd On: 03/03/09 11:10

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	68953	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	265332	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	162174	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	274742	40.00	ng	0.00
81) Chrysene-d12	12.312	240	299983	40.00	ng	0.00
96) Perylene-d12	13.901	264	337596	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	96451	48.38	ng	0.00
Spiked Amount 100.000			Recovery = 48.38%			
9) Phenol-d5	5.193	99	98730	35.77	ng	0.00
Spiked Amount 100.000			Recovery = 35.77%			
24) Nitrobenzene-d5	5.958	128	39558	35.60	ng	0.00
Spiked Amount 50.000			Recovery = 71.20%			
46) 2-Fluorobiphenyl	7.327	172	216421	36.92	ng	0.00
Spiked Amount 50.000			Recovery = 73.84%			
70) 2,4,6-Tribromophenol	8.606	330	98308	89.50	ng	0.00
Spiked Amount 100.000			Recovery = 89.50%			
84) Terphenyl-d14	11.087	244	392668	46.79	ng	0.00
Spiked Amount 50.000			Recovery = 93.58%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03269.D\data.ms
Quant QT Reviewed
SampleID : AC42940-009
Data File: 10M03269.D
Acq On : 03/ 3/09 13:29
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 13:48
Qt Upd On: 03/03/09 11:10
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03269.D
Acq On : 3 Mar 2009 13:29
Operator : AHD
Sample : AC42940-009
Misc : A,BNA
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03269.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.433	13	18	22	rBV3	2532	3974	0.39%	0.052%
2	2.508	26	32	36	rVB2	592	965	0.10%	0.013%
3	2.722	66	72	76	rVB3	1623	2413	0.24%	0.032%
4	2.850	93	96	100	rVB	830	957	0.09%	0.013%
5	3.385	193	196	205	rBB2	991	1458	0.14%	0.019%
6	3.813	268	276	282	rBV2	1135	2066	0.20%	0.027%
7	3.909	288	294	298	rBB	2784	2817	0.28%	0.037%
8	4.268	354	361	369	rBV	391584	341754	33.73%	4.511%
9	4.380	378	382	386	rVB2	1067	1278	0.13%	0.017%
10	4.476	397	400	402	rBV	1643	1352	0.13%	0.018%
11	4.583	416	420	427	rVB	12937	11659	1.15%	0.154%
12	4.685	436	439	442	rBB	1021	969	0.10%	0.013%
13	4.787	454	458	462	rBV2	832	1323	0.13%	0.017%
14	4.926	476	484	488	rBB2	1362	1349	0.13%	0.018%
15	5.038	498	505	507	rBB	2305	1899	0.19%	0.025%
16	5.070	507	511	513	rBV	9208	7227	0.71%	0.095%
17	5.097	513	516	519	rVB	8524	6578	0.65%	0.087%
18	5.124	519	521	524	rVB	4082	2969	0.29%	0.039%
19	5.161	524	528	530	rBV	4645	4450	0.44%	0.059%
20	5.193	530	534	539	rBV	358964	280533	27.68%	3.703%
21	5.236	539	542	547	rVB3	5688	5942	0.59%	0.078%
22	5.268	547	548	553	rBV2	1285	1594	0.16%	0.021%
23	5.311	553	556	560	rVB	1620	1744	0.17%	0.023%
24	5.354	560	564	566	rBV2	18150	15935	1.57%	0.210%
25	5.450	578	582	587	rBB	2441	2292	0.23%	0.030%
26	5.498	587	591	598	rBV	543809	408662	40.33%	5.394%
27	5.546	598	600	602	rVV2	3079	2800	0.28%	0.037%
28	5.562	602	603	608	rVV3	2669	2175	0.21%	0.029%
29	5.642	608	618	623	rVV3	1754	3792	0.37%	0.050%
30	5.765	638	641	644	rVB3	856	1004	0.10%	0.013%
31	5.840	650	655	660	rBB	3950	4156	0.41%	0.055%
32	5.958	672	677	687	rBV	322456	259510	25.61%	3.425%
33	6.038	687	692	696	rVB2	1586	1728	0.17%	0.023%
34	6.129	704	709	715	rBV	8838	6932	0.68%	0.091%
35	6.263	731	734	736	rBV2	1466	1411	0.14%	0.019%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03269.D
Acq On : 3 Mar 2009 13:29
Operator : AHD
Sample : AC42940-009
Misc : A,BNA
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

36	6.295	736	740	745	rVB2	5242	4312	0.43%	0.057%
37	6.381	752	756	760	rBV	947	1085	0.11%	0.014%
38	6.450	763	769	771	rBV	1222	1240	0.12%	0.016%
39	6.514	775	781	791	rBV	766429	559006	55.16%	7.378%
40	6.637	801	804	810	rVB3	1555	1881	0.19%	0.025%
41	6.707	814	817	822	rBV	2271	1981	0.20%	0.026%
42	6.830	836	840	844	rBV2	1472	1758	0.17%	0.023%
43	6.905	848	854	858	rBV	4404	3350	0.33%	0.044%
44	6.958	861	864	871	rVB3	4379	4320	0.43%	0.057%
45	7.124	892	895	900	rVB	730	950	0.09%	0.013%
46	7.327	928	933	941	rBV	849280	617100	60.90%	8.145%
47	7.386	941	944	949	rVV	6181	6702	0.66%	0.088%
48	7.418	949	950	960	rVB3	2189	2786	0.27%	0.037%
49	7.621	979	988	992	rBV3	1651	2690	0.27%	0.036%
50	7.782	1012	1018	1020	rBV2	2059	1515	0.15%	0.020%
51	7.889	1029	1038	1052	rBV	900462	693510	68.44%	9.153%
52	8.006	1056	1060	1065	rVB2	2224	2165	0.21%	0.029%
53	8.087	1073	1075	1079	rVB2	1852	1579	0.16%	0.021%
54	8.247	1102	1105	1108	rBV2	1961	2078	0.21%	0.027%
55	8.349	1119	1124	1127	rBV2	1711	2000	0.20%	0.026%
56	8.606	1164	1172	1187	rVB	748504	673614	66.47%	8.891%
57	8.713	1187	1192	1195	rBV2	2616	2466	0.24%	0.033%
58	8.739	1195	1197	1201	rVB2	1867	1650	0.16%	0.022%
59	8.787	1201	1206	1209	rBV	3257	3204	0.32%	0.042%
60	8.819	1209	1212	1216	rBV3	3344	3510	0.35%	0.046%
61	8.857	1216	1219	1228	rVB3	2796	5127	0.51%	0.068%
62	8.916	1228	1230	1237	rBV4	1230	2129	0.21%	0.028%
63	8.969	1237	1240	1244	rBV3	4243	4192	0.41%	0.055%
64	9.007	1244	1247	1251	rBV2	3495	3409	0.34%	0.045%
65	9.049	1253	1255	1259	rVB	2646	2316	0.23%	0.031%
66	9.178	1275	1279	1289	rBB2	2028	3795	0.37%	0.050%
67	9.306	1296	1303	1310	rBV	774141	730930	72.13%	9.647%
68	9.360	1310	1313	1318	rVB	14192	14048	1.39%	0.185%
69	9.504	1335	1340	1343	rBV	4229	4002	0.39%	0.053%
70	9.531	1343	1345	1349	rVB	1176	977	0.10%	0.013%
71	9.788	1387	1393	1399	rBB	1123	1804	0.18%	0.024%
72	9.841	1400	1403	1405	rBV	1004	953	0.09%	0.013%
73	9.879	1405	1410	1411	rBV2	919	1023	0.10%	0.014%
74	9.937	1415	1421	1426	rVB2	1692	2077	0.20%	0.027%
75	10.563	1534	1538	1543	rVB2	884	1128	0.11%	0.015%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03269.D
Acq On : 3 Mar 2009 13:29
Operator : AHD
Sample : AC42940-009
Misc : A,BNA
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

76	10.724	1566	1568	1571	rBB	915	967	0.10%	0.013%
77	10.873	1590	1596	1602	rVV3	1603	2501	0.25%	0.033%
78	10.927	1602	1606	1612	rVB3	826	1463	0.14%	0.019%
79	10.991	1616	1618	1624	rVB2	742	1138	0.11%	0.015%
80	11.087	1630	1636	1649	rBV	1076971	1013343	100.00%	13.374%
81	11.221	1658	1661	1663	rBV	923	996	0.10%	0.013%
82	11.301	1672	1676	1680	rVB	943	1178	0.12%	0.016%
83	11.697	1748	1750	1753	rVB	961	976	0.10%	0.013%
84	11.729	1753	1756	1760	rBV2	875	1020	0.10%	0.013%
85	11.788	1760	1767	1770	rBV3	5798	6292	0.62%	0.083%
86	11.820	1770	1773	1779	rVB2	5913	7077	0.70%	0.093%
87	12.045	1810	1815	1816	rBV2	825	1058	0.10%	0.014%
88	12.146	1829	1834	1840	rBV	13846	12116	1.20%	0.160%
89	12.232	1846	1850	1853	rVB3	832	1094	0.11%	0.014%
90	12.312	1858	1865	1874	rBV	693601	714291	70.49%	9.427%
91	12.376	1876	1877	1884	rVB5	3901	4470	0.44%	0.059%
92	12.424	1884	1886	1889	rBV3	1935	1631	0.16%	0.022%
93	12.708	1937	1939	1943	rBV4	1256	1275	0.13%	0.017%
94	12.756	1945	1948	1951	rVB2	1058	979	0.10%	0.013%
95	12.788	1951	1954	1956	rBV2	1360	1330	0.13%	0.018%
96	12.826	1956	1961	1964	rBV4	896	1261	0.12%	0.017%
97	12.868	1967	1969	1972	rBV3	1380	1323	0.13%	0.017%
98	12.900	1972	1975	1979	rVV3	1016	1295	0.13%	0.017%
99	12.981	1987	1990	1995	rVB3	986	1273	0.13%	0.017%
100	13.029	1995	1999	2001	rVB2	1063	986	0.10%	0.013%
101	13.077	2003	2008	2010	rBV2	1111	1400	0.14%	0.018%
102	13.168	2018	2025	2030	rBV5	9085	9501	0.94%	0.125%
103	13.216	2030	2034	2036	rBV4	1347	1480	0.15%	0.020%
104	13.302	2045	2050	2051	rBV3	1357	1756	0.17%	0.023%
105	13.344	2055	2058	2061	rVB3	1648	2063	0.20%	0.027%
106	13.377	2061	2064	2068	rBV4	1647	2707	0.27%	0.036%
107	13.414	2068	2071	2075	rVV4	1635	2163	0.21%	0.029%
108	13.548	2091	2096	2098	rBV4	1678	2684	0.26%	0.035%
109	13.649	2112	2115	2119	rVB4	1932	2551	0.25%	0.034%
110	13.687	2119	2122	2125	rBV3	2171	2964	0.29%	0.039%
111	13.740	2130	2132	2133	rBV	1662	1141	0.11%	0.015%
112	13.794	2141	2142	2146	rBV2	1517	1515	0.15%	0.020%
113	13.826	2146	2148	2151	rVB3	2015	2269	0.22%	0.030%
114	13.858	2151	2154	2155	rBV2	2195	2333	0.23%	0.031%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03269.D
Acq On : 3 Mar 2009 13:29
Operator : AHD
Sample : AC42940-009
Misc : A,BNA
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

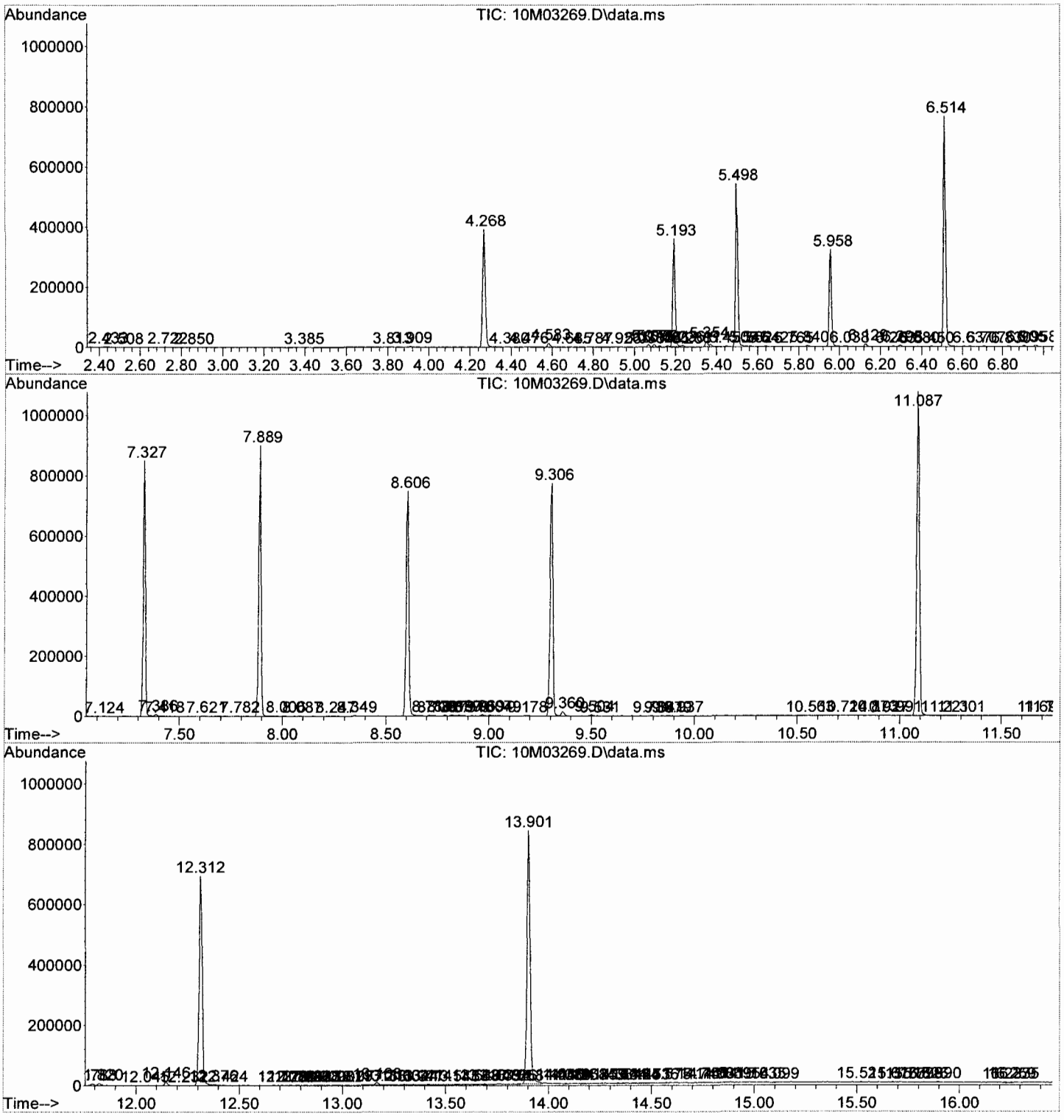
115	13.901	2155	2162	2175	rBV	839937	923071	91.09%	12.183%
116	14.056	2189	2191	2193	rVB2	2647	1595	0.16%	0.021%
117	14.088	2194	2197	2198	rVB2	1881	1231	0.12%	0.016%
118	14.104	2199	2200	2203	rBV3	1279	1012	0.10%	0.013%
119	14.125	2203	2204	2208	rVB3	1685	1323	0.13%	0.017%
120	14.168	2210	2212	2216	rBV4	3296	3956	0.39%	0.052%
121	14.259	2227	2229	2231	rBV3	1757	1163	0.11%	0.015%
122	14.334	2241	2243	2246	rVB4	2687	2910	0.29%	0.038%
123	14.361	2246	2248	2250	rBV3	2939	3203	0.32%	0.042%
124	14.425	2255	2260	2262	rVB3	1799	2580	0.25%	0.034%
125	14.473	2262	2269	2272	rBV8	2184	5138	0.51%	0.068%
126	14.516	2272	2277	2280	rVV7	1718	2366	0.23%	0.031%
127	14.575	2281	2288	2290	rBV5	2479	3832	0.38%	0.051%
128	14.740	2316	2319	2321	rVB4	2158	2216	0.22%	0.029%
129	14.756	2321	2322	2330	rVB7	2721	4273	0.42%	0.056%
130	14.831	2333	2336	2338	rVB4	2543	1498	0.15%	0.020%
131	14.869	2338	2343	2345	rBV6	2094	3028	0.30%	0.040%
132	14.954	2356	2359	2360	rVB3	2030	1538	0.15%	0.020%
133	15.035	2371	2374	2376	rBV4	1489	1144	0.11%	0.015%
134	15.099	2384	2386	2387	rBV2	1969	1734	0.17%	0.023%
135	15.521	2462	2465	2469	rVB5	2791	2484	0.25%	0.033%
136	15.676	2492	2494	2495	rVB2	1799	1102	0.11%	0.015%
137	15.757	2507	2509	2511	rBV3	1352	1381	0.14%	0.018%
138	15.799	2513	2517	2518	rBV2	2398	2593	0.26%	0.034%
139	15.826	2520	2522	2525	rVB4	1929	1578	0.16%	0.021%
140	15.890	2533	2534	2540	rVB5	2080	1851	0.18%	0.024%
141	16.233	2595	2598	2601	rVB4	3033	3309	0.33%	0.044%
142	16.259	2601	2603	2604	rBV3	3437	2028	0.20%	0.027%
143	16.275	2605	2606	2611	rVV5	2064	1692	0.17%	0.022%

Sum of corrected areas: 7576718

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03269.D
Acq On : 3 Mar 2009 13:29
Operator : AHD
Sample : AC42940-009
Misc : A,BNA
ALS Vial : 7 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03269.D
Acq On : 3 Mar 2009 13:29
Operator : AHD
Sample : AC42940-009
Misc : A,BNA
ALS Vial : 7 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 10M03270.D
Analysis Date: 03/03/09 13:51
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	2.2	U
95-48-7	2-Methylphenol	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	11	U
106-47-8	4-Chloroaniline	2.2	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	2.2	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	2.2	U
208-96-8	Acenaphthylene	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
92-87-5	Benzidine	11	U	87-86-5	Pentachlorophenol	11	U
56-55-3	Benzo[a]anthracene	2.2	U	85-01-8	Phenanthrene	2.2	U
50-32-8	Benzo[a]pyrene	2.2	U	108-95-2	Phenol	2.2	U
205-99-2	Benzo[b]fluoranthene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 10M03270.D
Analysis Date: 03/03/09 13:51
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110511

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

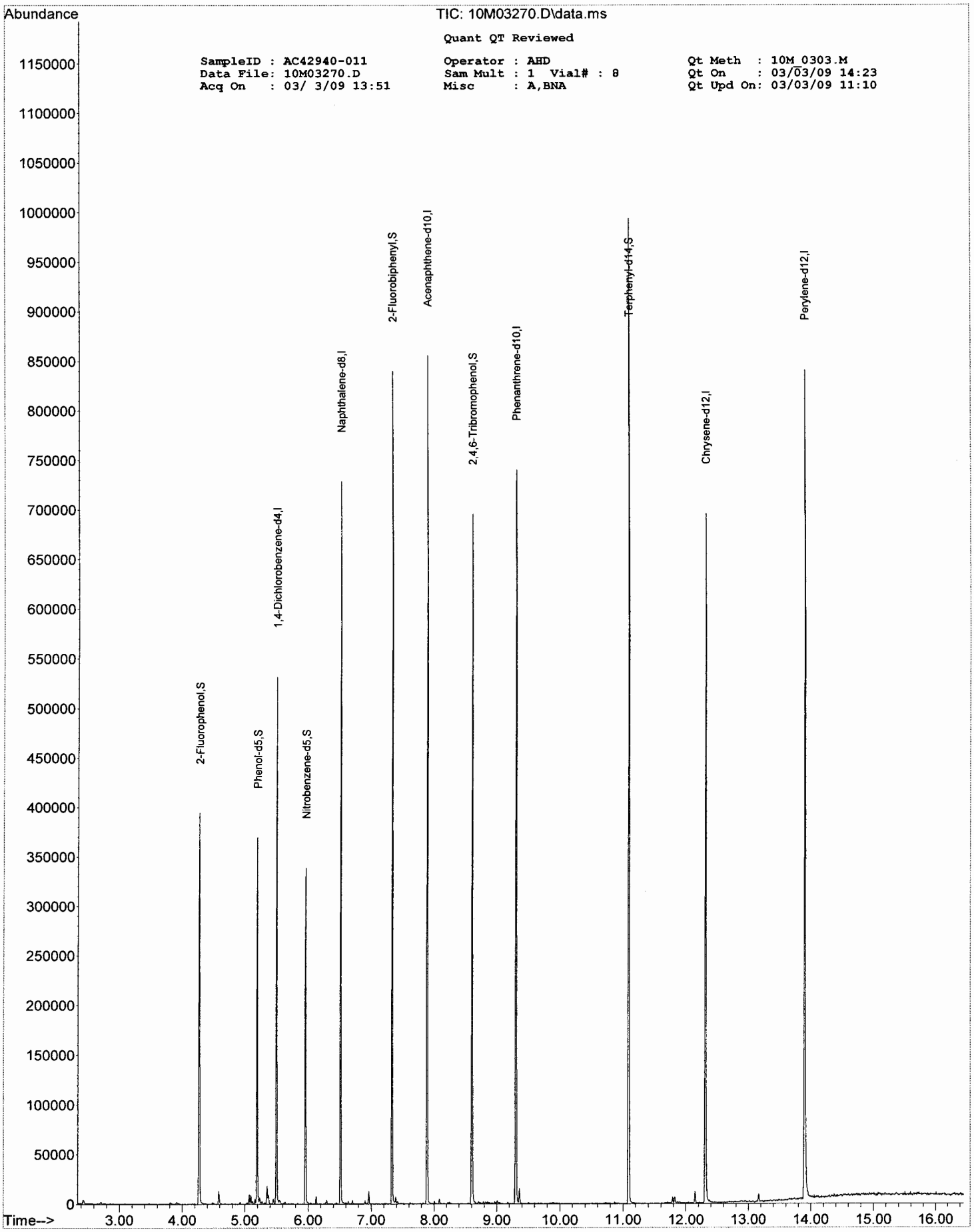
Quantitation Report (QT Reviewed)

SampleID : AC42940-011 Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03270.D Sam Mult : 1 Vial# : 8 Qt On : 03/03/09 14:23
Acq On : 03/ 3/09 13:51 Misc : A,BNA Qt Upd On: 03/03/09 11:10

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	67883	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	249645	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	154717	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	268538	40.00	ng	0.00
81) Chrysene-d12	12.312	240	285728	40.00	ng	0.00
96) Perylene-d12	13.900	264	325396	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	100819	51.37	ng	0.00
Spiked Amount 100.000			Recovery = 51.37%			
9) Phenol-d5	5.193	99	102031	37.55	ng	0.00
Spiked Amount 100.000			Recovery = 37.55%			
24) Nitrobenzene-d5	5.958	128	42255	40.42	ng	0.00
Spiked Amount 50.000			Recovery = 80.84%			
46) 2-Fluorobiphenyl	7.327	172	216896	38.78	ng	0.00
Spiked Amount 50.000			Recovery = 77.56%			
70) 2,4,6-Tribromophenol	8.605	330	94751	88.25	ng	0.00
Spiked Amount 100.000			Recovery = 88.25%			
84) Terphenyl-d14	11.087	244	362723	45.38	ng	0.00
Spiked Amount 50.000			Recovery = 90.76%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03270.D\data.ms
Quant QT Reviewed
SampleID : AC42940-011
Data File: 10M03270.D
Acq On : 03/ 3/09 13:51
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 14:23
Qt Upd On: 03/03/09 11:10
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03270.D
Acq On : 3 Mar 2009 13:51
Operator : AHD
Sample : AC42940-011
Misc : A,BNA
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03270.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.438	13	19	25	rVB3	3926	6616	0.71%	0.090%
2	2.711	65	70	75	rVB2	2025	2663	0.28%	0.036%
3	2.904	100	106	109	rVB2	720	1336	0.14%	0.018%
4	3.267	168	174	179	rVB2	528	979	0.10%	0.013%
5	3.460	208	210	217	rBV	759	1288	0.14%	0.018%
6	3.535	221	224	231	rBB	590	1110	0.12%	0.015%
7	3.808	270	275	285	rBB2	1849	3177	0.34%	0.043%
8	3.909	288	294	299	rBV2	2100	3495	0.37%	0.048%
9	4.171	334	343	346	rBV	747	1188	0.13%	0.016%
10	4.268	354	361	377	rBV	394616	359793	38.43%	4.891%
11	4.482	395	401	402	rBV	1606	1606	0.17%	0.022%
12	4.583	415	420	434	rVB	13229	13428	1.43%	0.183%
13	4.679	434	438	442	rBB2	826	1137	0.12%	0.015%
14	4.797	449	460	465	rBB2	885	1626	0.17%	0.022%
15	4.925	479	484	487	rBB2	2392	1928	0.21%	0.026%
16	5.038	497	505	507	rBV	1748	1974	0.21%	0.027%
17	5.070	507	511	513	rVV	9648	7662	0.82%	0.104%
18	5.097	513	516	519	rVV	8778	7352	0.79%	0.100%
19	5.123	519	521	525	rVB	3071	2761	0.29%	0.038%
20	5.161	525	528	530	rBV	5360	4198	0.45%	0.057%
21	5.193	530	534	540	rVV	369594	295532	31.56%	4.018%
22	5.236	540	542	546	rVV2	6423	6046	0.65%	0.082%
23	5.273	546	549	554	rVB2	2707	2921	0.31%	0.040%
24	5.311	554	556	558	rBV	1467	1238	0.13%	0.017%
25	5.353	558	564	566	rVV2	17918	17811	1.90%	0.242%
26	5.369	566	567	572	rVB3	9259	7171	0.77%	0.097%
27	5.450	578	582	587	rVV	5131	4671	0.50%	0.064%
28	5.498	587	591	599	rVV	531333	392450	41.92%	5.335%
29	5.546	599	600	607	rVV3	4163	5139	0.55%	0.070%
30	5.637	607	617	621	rVB3	2378	3484	0.37%	0.047%
31	5.733	631	635	639	rBV2	1070	1258	0.13%	0.017%
32	5.835	648	654	657	rBV2	1007	1048	0.11%	0.014%
33	5.958	671	677	683	rBV	338699	271624	29.01%	3.693%
34	6.038	688	692	700	rVB3	1400	2155	0.23%	0.029%
35	6.129	706	709	714	rBB2	7786	5954	0.64%	0.081%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03270.D
Acq On : 3 Mar 2009 13:51
Operator : AHD
Sample : AC42940-011
Misc : A,BNA
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

36	6.295	734	740	743	rVB2	3987	4103	0.44%	0.056%
37	6.445	764	768	773	rBB3	1514	1503	0.16%	0.020%
38	6.514	774	781	794	rBV	728497	528859	56.48%	7.190%
39	6.600	796	797	800	rVB	1404	1034	0.11%	0.014%
40	6.642	800	805	807	rVB2	2669	2513	0.27%	0.034%
41	6.707	810	817	821	rVB	3773	3393	0.36%	0.046%
42	6.904	849	854	857	rBV	3699	2436	0.26%	0.033%
43	6.963	857	865	869	rVB	12851	11982	1.28%	0.163%
44	7.070	880	885	890	rBV	706	1067	0.11%	0.015%
45	7.327	928	933	941	rBV	839875	615138	65.70%	8.363%
46	7.386	941	944	947	rVV	7210	6752	0.72%	0.092%
47	7.418	947	950	956	rVB4	2745	3353	0.36%	0.046%
48	7.616	984	987	990	rBV	1559	1147	0.12%	0.016%
49	7.824	1021	1026	1033	rVB3	1401	1652	0.18%	0.022%
50	7.889	1033	1038	1049	rBV	855657	657016	70.17%	8.932%
51	8.006	1058	1060	1064	rVB	3212	2355	0.25%	0.032%
52	8.087	1071	1075	1081	rBV2	5116	4907	0.52%	0.067%
53	8.220	1096	1100	1103	rBB	1421	1171	0.13%	0.016%
54	8.247	1103	1105	1107	rBV	1786	1278	0.14%	0.017%
55	8.552	1155	1162	1165	rBV	945	1549	0.17%	0.021%
56	8.605	1165	1172	1187	rVB	695346	635344	67.86%	8.637%
57	8.712	1187	1192	1195	rBV	2262	2524	0.27%	0.034%
58	8.787	1202	1206	1209	rBV	1972	1597	0.17%	0.022%
59	8.819	1209	1212	1216	rVB2	1789	2182	0.23%	0.030%
60	8.857	1216	1219	1221	rBV	1911	1757	0.19%	0.024%
61	8.883	1221	1224	1228	rVB2	1213	1362	0.15%	0.019%
62	8.932	1228	1233	1237	rVB3	1090	2072	0.22%	0.028%
63	8.969	1237	1240	1242	rBV	2187	2025	0.22%	0.028%
64	9.006	1242	1247	1254	rBV3	2662	3838	0.41%	0.052%
65	9.178	1276	1279	1282	rBV2	1739	1584	0.17%	0.022%
66	9.306	1296	1303	1310	rBV	740145	706774	75.49%	9.608%
67	9.360	1310	1313	1323	rVB	15599	16112	1.72%	0.219%
68	9.429	1323	1326	1331	rBB	853	1446	0.15%	0.020%
69	9.499	1335	1339	1343	rBV	1481	1963	0.21%	0.027%
70	9.873	1407	1409	1411	rBV	1031	1093	0.12%	0.015%
71	9.894	1411	1413	1418	rVB	1431	1280	0.14%	0.017%
72	10.103	1445	1452	1457	rVB	452	1141	0.12%	0.016%
73	10.279	1480	1485	1493	rBB	736	1437	0.15%	0.020%
74	10.392	1502	1506	1511	rBV	661	1014	0.11%	0.014%
75	10.542	1530	1534	1537	rBV	695	1147	0.12%	0.016%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03270.D
Acq On : 3 Mar 2009 13:51
Operator : AHD
Sample : AC42940-011
Misc : A,BNA
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

76	10.590	1541	1543	1549	rVB2	795	1006	0.11%	0.014%
77	10.729	1555	1569	1572	rBV	1458	2350	0.25%	0.032%
78	10.868	1590	1595	1599	rVB2	1741	1805	0.19%	0.025%
79	11.087	1629	1636	1647	rBV	993794	936289	100.00%	12.729%
80	11.504	1709	1714	1717	rBV	823	1168	0.12%	0.016%
81	11.708	1748	1752	1755	rBV2	1279	992	0.11%	0.013%
82	11.788	1762	1767	1771	rBV3	6052	5640	0.60%	0.077%
83	11.825	1771	1774	1778	rVV3	6048	6193	0.66%	0.084%
84	11.905	1784	1789	1792	rBV3	1050	1686	0.18%	0.023%
85	12.045	1811	1815	1820	rVB3	1116	1824	0.19%	0.025%
86	12.146	1830	1834	1841	rBV	11876	11899	1.27%	0.162%
87	12.312	1858	1865	1875	rBV	695430	683394	72.99%	9.291%
88	12.595	1913	1918	1919	rBV	1043	1372	0.15%	0.019%
89	12.617	1919	1922	1925	rVB	921	1225	0.13%	0.017%
90	12.735	1943	1944	1948	rBV2	1021	1027	0.11%	0.014%
91	12.788	1953	1954	1960	rBV2	1180	1084	0.12%	0.015%
92	12.890	1964	1973	1977	rBV4	1670	3429	0.37%	0.047%
93	12.948	1982	1984	1988	rVB2	1739	1888	0.20%	0.026%
94	13.023	1995	1998	2002	rVB3	1789	2019	0.22%	0.027%
95	13.077	2002	2008	2013	rVB2	1637	2879	0.31%	0.039%
96	13.130	2013	2018	2021	rBV2	1725	2827	0.30%	0.038%
97	13.168	2021	2025	2029	rVB3	7634	8582	0.92%	0.117%
98	13.259	2041	2042	2044	rBV3	1656	1027	0.11%	0.014%
99	13.360	2058	2061	2066	rVB3	1423	1886	0.20%	0.026%
100	13.408	2066	2070	2076	rBV5	1634	2948	0.31%	0.040%
101	13.446	2076	2077	2081	rBV3	1117	1255	0.13%	0.017%
102	13.553	2095	2097	2101	rBV3	1065	1297	0.14%	0.018%
103	13.585	2101	2103	2107	rVV3	1206	1298	0.14%	0.018%
104	13.633	2110	2112	2114	rBV2	1087	1009	0.11%	0.014%
105	13.660	2114	2117	2121	rVB4	1779	2239	0.24%	0.030%
106	13.740	2129	2132	2137	rVB3	2151	2774	0.30%	0.038%
107	13.794	2137	2142	2143	rBV2	1907	2199	0.23%	0.030%
108	13.810	2143	2145	2147	rBV3	1735	1703	0.18%	0.023%
109	13.836	2147	2150	2152	rVB3	1757	1963	0.21%	0.027%
110	13.863	2152	2155	2157	rBV3	2363	2330	0.25%	0.032%
111	13.901	2157	2162	2174	rBV	836454	890846	95.15%	12.111%
112	14.056	2190	2191	2193	rBV2	3297	1409	0.15%	0.019%
113	14.088	2193	2197	2199	rVV5	1780	1739	0.19%	0.024%
114	14.147	2207	2208	2211	rBV2	1279	1123	0.12%	0.015%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03270.D
Acq On : 3 Mar 2009 13:51
Operator : AHD
Sample : AC42940-011
Misc : A,BNA
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

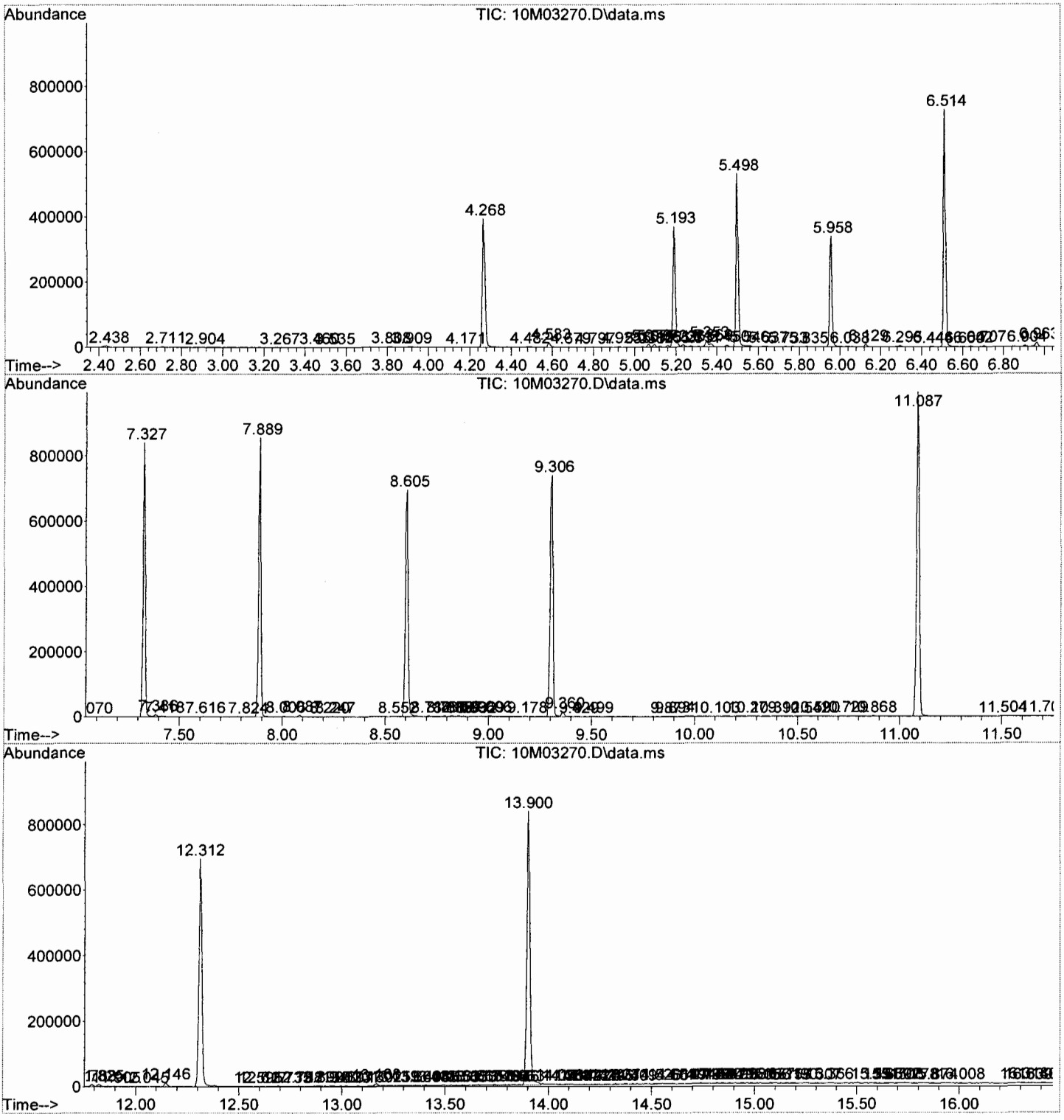
115	14.173	2212	2213	2216	rBV2	1948	1272	0.14%	0.017%
116	14.227	2222	2223	2225	rBV2	1930	1428	0.15%	0.019%
117	14.296	2230	2236	2239	rVB6	2480	2864	0.31%	0.039%
118	14.323	2239	2241	2244	rBV3	2320	2520	0.27%	0.034%
119	14.371	2249	2250	2254	rBV4	2785	2192	0.23%	0.030%
120	14.409	2254	2257	2259	rVB4	1931	1487	0.16%	0.020%
121	14.526	2275	2279	2280	rBV3	2416	2616	0.28%	0.036%
122	14.601	2290	2293	2297	rVB6	2418	2824	0.30%	0.038%
123	14.649	2300	2302	2305	rVB4	2167	1844	0.20%	0.025%
124	14.740	2315	2319	2321	rVV4	2325	2398	0.26%	0.033%
125	14.762	2321	2323	2325	rVB3	1870	1519	0.16%	0.021%
126	14.820	2329	2334	2336	rBV4	2763	3999	0.43%	0.054%
127	14.847	2337	2339	2342	rVB3	2362	1894	0.20%	0.026%
128	14.879	2343	2345	2347	rVB2	1925	1283	0.14%	0.017%
129	14.938	2353	2356	2359	rBV4	2341	1916	0.20%	0.026%
130	14.981	2363	2364	2369	rBV5	1859	1591	0.17%	0.022%
131	15.056	2376	2378	2379	rBV	2331	1496	0.16%	0.020%
132	15.077	2379	2382	2384	rBV3	3300	3301	0.35%	0.045%
133	15.157	2393	2397	2400	rBV5	2274	3659	0.39%	0.050%
134	15.190	2400	2403	2406	rVV4	2303	2732	0.29%	0.037%
135	15.307	2422	2425	2426	rBV2	1250	1109	0.12%	0.015%
136	15.366	2434	2436	2442	rVB6	2046	2131	0.23%	0.029%
137	15.591	2477	2478	2485	rVB6	3771	3449	0.37%	0.047%
138	15.650	2485	2489	2490	rBV4	2507	3166	0.34%	0.043%
139	15.692	2496	2497	2499	rBV2	2408	1375	0.15%	0.019%
140	15.708	2499	2500	2503	rVV3	2111	1939	0.21%	0.026%
141	15.778	2512	2513	2516	rBV3	1820	1328	0.14%	0.018%
142	15.874	2528	2531	2533	rBV3	2249	1729	0.18%	0.024%
143	16.008	2554	2556	2560	rBV5	2900	1699	0.18%	0.023%
144	16.318	2611	2614	2616	rVB3	2772	1956	0.21%	0.027%
145	16.339	2616	2618	2621	rBV4	1622	1651	0.18%	0.022%
146	16.404	2625	2630	2635	rVB7	2869	5111	0.55%	0.069%

Sum of corrected areas: 7355820

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03270.D
Acq On : 3 Mar 2009 13:51
Operator : AHD
Sample : AC42940-011
Misc : A,BNA
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03270.D
Acq On : 3 Mar 2009 13:51
Operator : AHD
Sample : AC42940-011
Misc : A,BNA
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 10M03271.D
Analysis Date: 03/03/09 14:13
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	2.2	U
95-48-7	2-Methylphenol	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	11	U
106-47-8	4-Chloroaniline	2.2	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	2.2	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	2.2	U
208-96-8	Acenaphthylene	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
92-87-5	Benzidine	11	U	87-86-5	Pentachlorophenol	11	U
56-55-3	Benzo[a]anthracene	2.2	U	85-01-8	Phenanthrene	2.2	U
50-32-8	Benzo[a]pyrene	2.2	U	108-95-2	Phenol	2.2	U
205-99-2	Benzo[b]fluoranthene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 10M03271.D
Analysis Date: 03/03/09 14:13
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		unknown	9.65	4.8 J

Worksheet #: 110511

Total Tentatively Identified Concentration 4.8

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

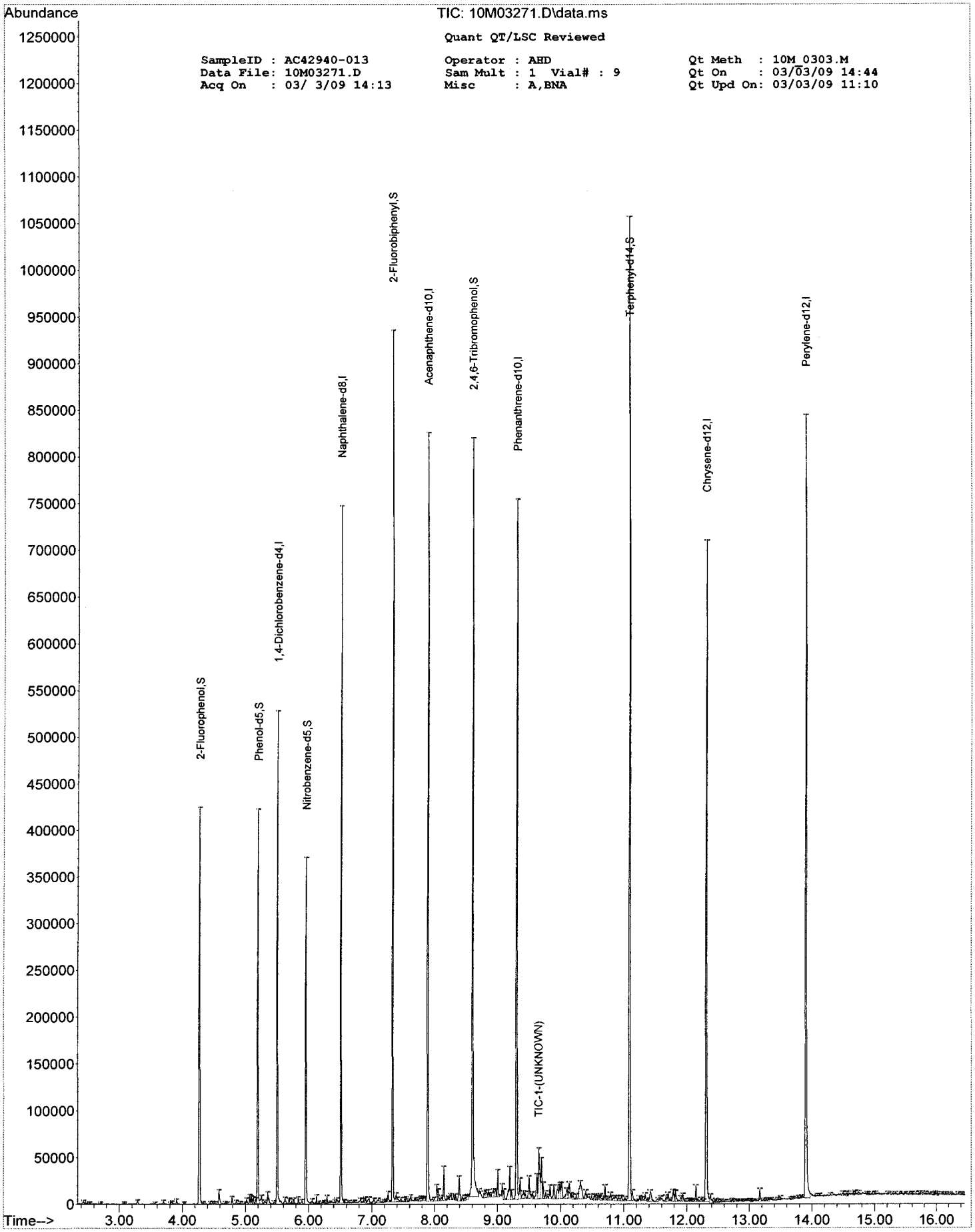
Quantitation Report (QT/LSC Reviewed)

SampleID : AC42940-013 Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03271.D Sam Mult : 1 Vial# : 9 Qt On : 03/03/09 14:44
Acq On : 03/ 3/09 14:13 Misc : A,BNA Qt Upd On: 03/03/09 11:10

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	67576	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	254135	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	154385	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	270312	40.00	ng	0.00
81) Chrysene-d12	12.312	240	296109	40.00	ng	0.00
96) Perylene-d12	13.901	264	336247	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	105637	54.06	ng	0.00
Spiked Amount 100.000			Recovery =	54.06%		
9) Phenol-d5	5.193	99	111631	41.27	ng	0.00
Spiked Amount 100.000			Recovery =	41.27%		
24) Nitrobenzene-d5	5.958	128	45059	42.34	ng	0.00
Spiked Amount 50.000			Recovery =	84.68%		
46) 2-Fluorobiphenyl	7.327	172	232776	41.71	ng	0.00
Spiked Amount 50.000			Recovery =	83.42%		
70) 2,4,6-Tribromophenol	8.605	330	103500	95.77	ng	0.00
Spiked Amount 100.000			Recovery =	95.77%		
84) Terphenyl-d14	11.087	244	386591	46.67	ng	0.00
Spiked Amount 50.000			Recovery =	93.34%		
Target Compounds						Qvalue
Library Search Compounds						
1) UNKNOWN	9.650		78462	4.29	ng	--

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03271.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC42940-013
Data File: 10M03271.D
Acq On : 03/ 3/09 14:13
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 14:44
Qt Upd On: 03/03/09 11:10
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
TIC-1-(UNKNOWN)
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03271.D
Acq On : 3 Mar 2009 14:13
Operator : AHD
Sample : AC42940-013
Misc : A,BNA
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03271.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.438	11	19	24	rVB2	2733	4177	0.41%	0.046%
2	2.497	28	30	33	rBV2	1046	1095	0.11%	0.012%
3	2.535	34	37	43	rVB	1039	1230	0.12%	0.014%
4	2.706	66	69	79	rVB2	1019	1741	0.17%	0.019%
5	3.075	134	138	144	rVB3	1119	1876	0.19%	0.021%
6	3.289	173	178	184	rBV3	3623	4688	0.46%	0.052%
7	3.567	224	230	235	rBB	963	1474	0.15%	0.016%
8	3.701	249	255	259	rBV	2990	2917	0.29%	0.032%
9	3.808	273	275	277	rBV	1190	1089	0.11%	0.012%
10	3.834	277	280	285	rVB4	2267	3290	0.33%	0.036%
11	3.904	291	293	299	rBV2	4490	4997	0.50%	0.055%
12	4.022	313	315	319	rBV	1260	1060	0.11%	0.012%
13	4.268	353	361	370	rBV	423729	376375	37.32%	4.175%
14	4.332	370	373	378	rVB4	1507	1855	0.18%	0.021%
15	4.439	390	393	398	rBB3	2081	2193	0.22%	0.024%
16	4.487	398	402	404	rBV2	2014	2551	0.25%	0.028%
17	4.519	404	408	415	rVV3	1389	2686	0.27%	0.030%
18	4.583	415	420	430	rVV3	14425	16778	1.66%	0.186%
19	4.680	434	438	440	rBV2	1478	1314	0.13%	0.015%
20	4.712	441	444	449	rVB2	1082	1210	0.12%	0.013%
21	4.786	455	458	465	rBV2	7169	7229	0.72%	0.080%
22	4.856	469	471	476	rBV2	2729	2826	0.28%	0.031%
23	4.920	480	483	487	rVB	1353	1761	0.17%	0.020%
24	4.990	492	496	497	rBV	1355	1354	0.13%	0.015%
25	5.022	497	502	508	rVB3	5519	6564	0.65%	0.073%
26	5.070	508	511	513	rBV	9087	8323	0.83%	0.092%
27	5.097	513	516	518	rVV	7276	5546	0.55%	0.062%
28	5.123	518	521	524	rVV2	6064	6371	0.63%	0.071%
29	5.161	524	528	530	rVV2	5229	4906	0.49%	0.054%
30	5.193	530	534	540	rVV	421268	328609	32.58%	3.645%
31	5.257	540	546	552	rVB3	8146	13099	1.30%	0.145%
32	5.311	552	556	561	rVB5	3263	5667	0.56%	0.063%
33	5.353	561	564	571	rBV2	12113	15412	1.53%	0.171%
34	5.450	578	582	587	rBV3	2439	3040	0.30%	0.034%
35	5.498	587	591	608	rVV	527016	407806	40.44%	4.524%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03271.D
Acq On : 3 Mar 2009 14:13
Operator : AHD
Sample : AC42940-013
Misc : A,BNA
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

36	5.626	608	615	621	rBV4	5688	7385	0.73%	0.082%
37	5.690	623	627	631	rVB2	4738	4714	0.47%	0.052%
38	5.733	631	635	638	rBV	3032	2186	0.22%	0.024%
39	5.765	638	641	649	rVB3	4605	4433	0.44%	0.049%
40	5.835	651	654	661	rBV	6057	5592	0.55%	0.062%
41	5.894	661	665	671	rVB5	3619	4467	0.44%	0.050%
42	5.958	671	677	689	rBV	369421	305451	30.29%	3.388%
43	6.059	689	696	702	rVB2	3554	4273	0.42%	0.047%
44	6.129	702	709	712	rVB	8280	6934	0.69%	0.077%
45	6.156	712	714	721	rBV2	1473	2362	0.23%	0.026%
46	6.220	721	726	728	rBV2	1438	1499	0.15%	0.017%
47	6.252	731	732	737	rVB3	2416	2200	0.22%	0.024%
48	6.295	737	740	743	rBV	7619	5804	0.58%	0.064%
49	6.332	743	747	750	rBV2	745	1007	0.10%	0.011%
50	6.418	758	763	766	rVB3	2419	2025	0.20%	0.022%
51	6.445	766	768	775	rBV5	4403	6451	0.64%	0.072%
52	6.514	775	781	790	rVB	745108	543083	53.85%	6.024%
53	6.568	790	791	797	rVB2	2585	2568	0.25%	0.028%
54	6.642	797	805	807	rBV3	1962	3393	0.34%	0.038%
55	6.707	813	817	819	rBV4	1249	1476	0.15%	0.016%
56	6.733	819	822	827	rVB3	1287	1444	0.14%	0.016%
57	6.824	831	839	842	rBV3	3845	5585	0.55%	0.062%
58	6.872	845	848	851	rBV3	2718	2555	0.25%	0.028%
59	6.899	851	853	857	rVB2	5220	5149	0.51%	0.057%
60	6.958	857	864	870	rVB5	5547	11529	1.14%	0.128%
61	7.033	870	878	883	rBV3	4423	7970	0.79%	0.088%
62	7.102	883	891	900	rBV9	3463	8589	0.85%	0.095%
63	7.172	900	904	907	rBV2	1482	2053	0.20%	0.023%
64	7.199	907	909	912	rBV4	1540	1536	0.15%	0.017%
65	7.225	912	914	916	rVV3	2355	2378	0.24%	0.026%
66	7.258	916	920	926	rVV3	9935	10514	1.04%	0.117%
67	7.327	926	933	940	rVV	932186	678557	67.28%	7.527%
68	7.386	940	944	947	rVV2	8299	10816	1.07%	0.120%
69	7.407	947	948	954	rVV4	3651	5031	0.50%	0.056%
70	7.461	954	958	961	rVB3	3122	3474	0.34%	0.039%
71	7.520	965	969	972	rBV6	3830	4090	0.41%	0.045%
72	7.541	972	973	979	rVB5	4474	5371	0.53%	0.060%
73	7.589	979	982	983	rBV2	2043	1719	0.17%	0.019%
74	7.621	983	988	992	rBV3	5257	5878	0.58%	0.065%
75	7.680	996	999	1001	rBV4	2211	2659	0.26%	0.029%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03271.D
Acq On : 3 Mar 2009 14:13
Operator : AHD
Sample : AC42940-013
Misc : A,BNA
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

76	7.734	1006	1009	1011	rVB4	1805	1756	0.17%	0.019%
77	7.766	1011	1015	1017	rBV4	3669	5094	0.51%	0.057%
78	7.787	1018	1019	1022	rVV3	3922	3146	0.31%	0.035%
79	7.819	1022	1025	1027	rVV2	3307	3807	0.38%	0.042%
80	7.841	1027	1029	1033	rVB3	3256	4353	0.43%	0.048%
81	7.889	1033	1038	1046	rVB	821678	674500	66.88%	7.482%
82	7.964	1046	1052	1056	rBV7	2767	5291	0.52%	0.059%
83	8.033	1056	1065	1068	rBV7	16276	26161	2.59%	0.290%
84	8.060	1068	1070	1075	rVB4	11535	11877	1.18%	0.132%
85	8.103	1075	1078	1080	rBV4	4626	4430	0.44%	0.049%
86	8.145	1083	1086	1092	rVB4	35638	31669	3.14%	0.351%
87	8.194	1092	1095	1096	rBV3	2444	1818	0.18%	0.020%
88	8.220	1097	1100	1101	rVV3	2168	1185	0.12%	0.013%
89	8.247	1102	1105	1111	rVB5	5476	8454	0.84%	0.094%
90	8.301	1111	1115	1118	rBV5	3557	5056	0.50%	0.056%
91	8.333	1120	1121	1126	rVB4	5462	4241	0.42%	0.047%
92	8.391	1126	1132	1137	rVB5	25568	29088	2.88%	0.323%
93	8.440	1137	1141	1146	rBV5	5213	6642	0.66%	0.074%
94	8.488	1146	1150	1152	rBV4	4058	4835	0.48%	0.054%
95	8.525	1152	1157	1160	rBV5	4057	7710	0.76%	0.086%
96	8.605	1160	1172	1190	rBV	811306	806435	79.96%	8.945%
97	8.712	1190	1192	1194	rBV3	4442	3888	0.39%	0.043%
98	8.787	1204	1206	1209	rBV2	6158	6693	0.66%	0.074%
99	8.819	1209	1212	1216	rVV6	7339	10905	1.08%	0.121%
100	8.857	1216	1219	1221	rVV3	7094	6051	0.60%	0.067%
101	8.884	1221	1224	1227	rVB5	3685	4318	0.43%	0.048%
102	8.937	1227	1234	1236	rBV7	7424	13324	1.32%	0.148%
103	8.974	1236	1241	1243	rVB5	7279	11022	1.09%	0.122%
104	9.007	1243	1247	1252	rBV2	27479	26277	2.61%	0.291%
105	9.076	1256	1260	1262	rBV4	11828	10024	0.99%	0.111%
106	9.103	1263	1265	1269	rVB2	10173	9613	0.95%	0.107%
107	9.194	1270	1282	1286	rBV3	34152	48649	4.82%	0.540%
108	9.226	1286	1288	1292	rVB3	9402	7836	0.78%	0.087%
109	9.306	1296	1303	1308	rBV	748716	731504	72.53%	8.114%
110	9.360	1308	1313	1317	rVV	21143	25954	2.57%	0.288%
111	9.413	1317	1323	1326	rVV8	6809	12592	1.25%	0.140%
112	9.440	1326	1328	1332	rVB5	5943	4066	0.40%	0.045%
113	9.499	1334	1339	1344	rBV2	22790	27694	2.75%	0.307%
114	9.557	1348	1350	1355	rVB5	6504	6865	0.68%	0.076%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03271.D
Acq On : 3 Mar 2009 14:13
Operator : AHD
Sample : AC42940-013
Misc : A,BNA
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

115	9.622	1355	1362	1365	rBV4	25806	33626	3.33%	0.373%
116	9.654	1365	1368	1373	rVV4	53067	78462	7.78%	0.870%
117	9.697	1373	1376	1379	rVV3	42418	47268	4.69%	0.524%
118	9.723	1379	1381	1386	rVV4	16229	14530	1.44%	0.161%
119	9.766	1386	1389	1391	rVV3	6789	5135	0.51%	0.057%
120	9.793	1391	1394	1396	rVV4	2760	2784	0.28%	0.031%
121	9.830	1397	1401	1407	rVB6	13176	16676	1.65%	0.185%
122	9.894	1407	1413	1419	rVB4	13858	18679	1.85%	0.207%
123	9.959	1419	1425	1427	rBV2	13694	20352	2.02%	0.226%
124	9.991	1427	1431	1433	rVV3	15462	20112	1.99%	0.223%
125	10.012	1433	1435	1442	rVB6	16336	22232	2.20%	0.247%
126	10.098	1442	1451	1455	rBV8	9846	19484	1.93%	0.216%
127	10.135	1455	1458	1463	rVV7	16108	21753	2.16%	0.241%
128	10.167	1463	1464	1467	rVV3	4335	2389	0.24%	0.026%
129	10.199	1467	1470	1476	rVB7	4314	5666	0.56%	0.063%
130	10.253	1476	1480	1483	rBV3	5000	4279	0.42%	0.047%
131	10.317	1483	1492	1503	rBV3	18150	51602	5.12%	0.572%
132	10.403	1503	1508	1511	rBV5	7952	9284	0.92%	0.103%
133	10.429	1512	1513	1516	rVB2	2611	1228	0.12%	0.014%
134	10.493	1521	1525	1528	rVB5	4934	4230	0.42%	0.047%
135	10.536	1528	1533	1537	rVB7	5520	6797	0.67%	0.075%
136	10.579	1537	1541	1543	rBV4	3212	4222	0.42%	0.047%
137	10.606	1543	1546	1549	rVV5	2660	3865	0.38%	0.043%
138	10.633	1549	1551	1557	rVB4	5725	5997	0.59%	0.067%
139	10.675	1557	1559	1561	rBV2	3269	2515	0.25%	0.028%
140	10.707	1562	1565	1569	rVV3	15072	15283	1.52%	0.170%
141	10.740	1569	1571	1574	rVV4	1876	1763	0.17%	0.020%
142	10.766	1574	1576	1579	rVV3	3050	4530	0.45%	0.050%
143	10.793	1579	1581	1586	rVV6	7271	7454	0.74%	0.083%
144	10.846	1586	1591	1593	rVV5	3513	4297	0.43%	0.048%
145	10.873	1593	1596	1602	rVB6	4571	8092	0.80%	0.090%
146	10.921	1602	1605	1609	rBV5	4008	5618	0.56%	0.062%
147	10.964	1609	1613	1618	rVB8	4853	6940	0.69%	0.077%
148	11.018	1618	1623	1627	rBV7	3434	4509	0.45%	0.050%
149	11.087	1627	1636	1642	rBV	1052691	1008494	100.00%	11.187%
150	11.135	1642	1645	1651	rVB4	10265	12077	1.20%	0.134%
151	11.199	1655	1657	1659	rVB2	1211	960	0.10%	0.011%
152	11.248	1661	1666	1668	rBV4	4717	4676	0.46%	0.052%
153	11.264	1668	1669	1671	rVV2	3169	1922	0.19%	0.021%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03271.D
Acq On : 3 Mar 2009 14:13
Operator : AHD
Sample : AC42940-013
Misc : A,BNA
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

154	11.290	1671	1674	1676	rVB3	2937	2979	0.30%	0.033%
155	11.339	1678	1683	1687	rVB7	6937	7625	0.76%	0.085%
156	11.371	1688	1689	1692	rVB3	2166	1937	0.19%	0.021%
157	11.419	1692	1698	1704	rBV8	11031	20740	2.06%	0.230%
158	11.542	1712	1721	1723	rBV5	3001	5601	0.56%	0.062%
159	11.585	1723	1729	1731	rBV7	3534	4316	0.43%	0.048%
160	11.670	1741	1745	1747	rBV3	5752	6072	0.60%	0.067%
161	11.702	1747	1751	1755	rVV3	8198	9604	0.95%	0.107%
162	11.729	1755	1756	1758	rVB2	2122	1225	0.12%	0.014%
163	11.782	1761	1766	1771	rBV6	11388	18676	1.85%	0.207%
164	11.820	1771	1773	1783	rVB4	10507	13340	1.32%	0.148%
165	11.906	1783	1789	1792	rBV4	4457	6634	0.66%	0.074%
166	11.938	1792	1795	1800	rVB6	7288	8267	0.82%	0.092%
167	11.970	1800	1801	1807	rVB4	1838	1745	0.17%	0.019%
168	12.023	1807	1811	1812	rBV2	1630	1756	0.17%	0.019%
169	12.050	1814	1816	1817	rVB2	2236	1092	0.11%	0.012%
170	12.066	1817	1819	1821	rVB2	2298	1776	0.18%	0.020%
171	12.087	1821	1823	1825	rVB3	1521	1207	0.12%	0.013%
172	12.119	1825	1829	1830	rBV2	1425	1334	0.13%	0.015%
173	12.146	1831	1834	1837	rVB3	16489	14114	1.40%	0.157%
174	12.178	1838	1840	1844	rVV4	3312	3191	0.32%	0.035%
175	12.237	1844	1851	1854	rVV7	3275	5724	0.57%	0.063%
176	12.275	1854	1858	1859	rVV2	1543	1592	0.16%	0.018%
177	12.312	1859	1865	1874	rVV	706861	722094	71.60%	8.010%
178	12.382	1874	1878	1885	rVB4	8357	14357	1.42%	0.159%
179	12.440	1885	1889	1890	rBV3	2060	2442	0.24%	0.027%
180	12.467	1890	1894	1898	rVB5	3052	3877	0.38%	0.043%
181	12.510	1898	1902	1904	rBV4	2016	2075	0.21%	0.023%
182	12.547	1904	1909	1916	rBV4	2099	3939	0.39%	0.044%
183	12.606	1916	1920	1921	rBV2	1484	1519	0.15%	0.017%
184	12.702	1936	1938	1940	rBV3	1630	1656	0.16%	0.018%
185	12.729	1940	1943	1947	rVB3	2388	2807	0.28%	0.031%
186	12.767	1947	1950	1951	rBV	1489	1037	0.10%	0.012%
187	12.820	1958	1960	1963	rVB	1123	1082	0.11%	0.012%
188	12.879	1969	1971	1975	rVB4	1758	2081	0.21%	0.023%
189	12.916	1975	1978	1979	rBV	1224	1111	0.11%	0.012%
190	12.932	1979	1981	1985	rBV3	1300	1500	0.15%	0.017%
191	12.986	1989	1991	1996	rBV4	874	1026	0.10%	0.011%
192	13.018	1996	1997	2001	rVB3	2458	2498	0.25%	0.028%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03271.D
Acq On : 3 Mar 2009 14:13
Operator : AHD
Sample : AC42940-013
Misc : A,BNA
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

193	13.045	2001	2002	2004	rBV2	1925	1396	0.14%	0.015%
194	13.077	2004	2008	2009	rBV3	968	1029	0.10%	0.011%
195	13.130	2013	2018	2019	rBV4	977	989	0.10%	0.011%
196	13.168	2021	2025	2031	rBV4	12566	14036	1.39%	0.156%
197	13.227	2033	2036	2040	rVB2	1832	2028	0.20%	0.022%
198	13.275	2040	2045	2048	rVB3	2091	2790	0.28%	0.031%
199	13.302	2048	2050	2053	rBV4	2238	2660	0.26%	0.030%
200	13.334	2055	2056	2061	rBV3	1052	1279	0.13%	0.014%
201	13.414	2066	2071	2076	rBV6	2049	4222	0.42%	0.047%
202	13.457	2076	2079	2081	rVB4	1565	1521	0.15%	0.017%
203	13.499	2084	2087	2089	rBV2	3267	2259	0.22%	0.025%
204	13.665	2116	2118	2120	rBV2	1949	1312	0.13%	0.015%
205	13.697	2120	2124	2127	rVV3	1532	2508	0.25%	0.028%
206	13.783	2137	2140	2143	rVB4	1949	1994	0.20%	0.022%
207	13.810	2143	2145	2147	rBV2	1329	1198	0.12%	0.013%
208	13.842	2147	2151	2154	rVV3	2115	3247	0.32%	0.036%
209	13.901	2156	2162	2175	rBV	837693	925741	91.79%	10.269%
210	14.088	2193	2197	2199	rVB5	1468	1503	0.15%	0.017%
211	14.120	2200	2203	2206	rVB5	1841	1572	0.16%	0.017%
212	14.296	2233	2236	2240	rBV5	1651	1564	0.16%	0.017%
213	14.500	2269	2274	2277	rBV5	3640	4984	0.49%	0.055%
214	14.553	2282	2284	2287	rVB4	3464	3464	0.34%	0.038%
215	14.574	2287	2288	2290	rBV2	4322	2313	0.23%	0.026%
216	14.665	2304	2305	2309	rBV4	3014	3024	0.30%	0.034%
217	14.697	2309	2311	2313	rVV3	2940	1798	0.18%	0.020%
218	14.751	2317	2321	2326	rVB7	2935	4225	0.42%	0.047%
219	14.885	2344	2346	2347	rBV2	2179	1160	0.12%	0.013%
220	14.965	2358	2361	2364	rVB4	1679	1489	0.15%	0.017%
221	15.013	2366	2370	2373	rVB5	1995	2462	0.24%	0.027%
222	15.211	2404	2407	2409	rBV4	2011	1428	0.14%	0.016%
223	15.291	2419	2422	2425	rBV5	1653	2098	0.21%	0.023%
224	15.398	2441	2442	2444	rBV2	1840	1008	0.10%	0.011%
225	15.468	2453	2455	2456	rBV2	1750	1273	0.13%	0.014%
226	15.553	2470	2471	2475	rBV4	1682	1933	0.19%	0.021%
227	15.601	2479	2480	2484	rBV4	2359	1914	0.19%	0.021%
228	15.660	2484	2491	2495	rVV10	1773	3563	0.35%	0.040%
229	15.714	2500	2501	2506	rBV4	2612	3103	0.31%	0.034%
230	15.773	2511	2512	2517	rVB4	2740	3490	0.35%	0.039%
231	15.831	2521	2523	2525	rVB3	2205	1376	0.14%	0.015%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03271.D
Acq On : 3 Mar 2009 14:13
Operator : AHD
Sample : AC42940-013
Misc : A,BNA
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

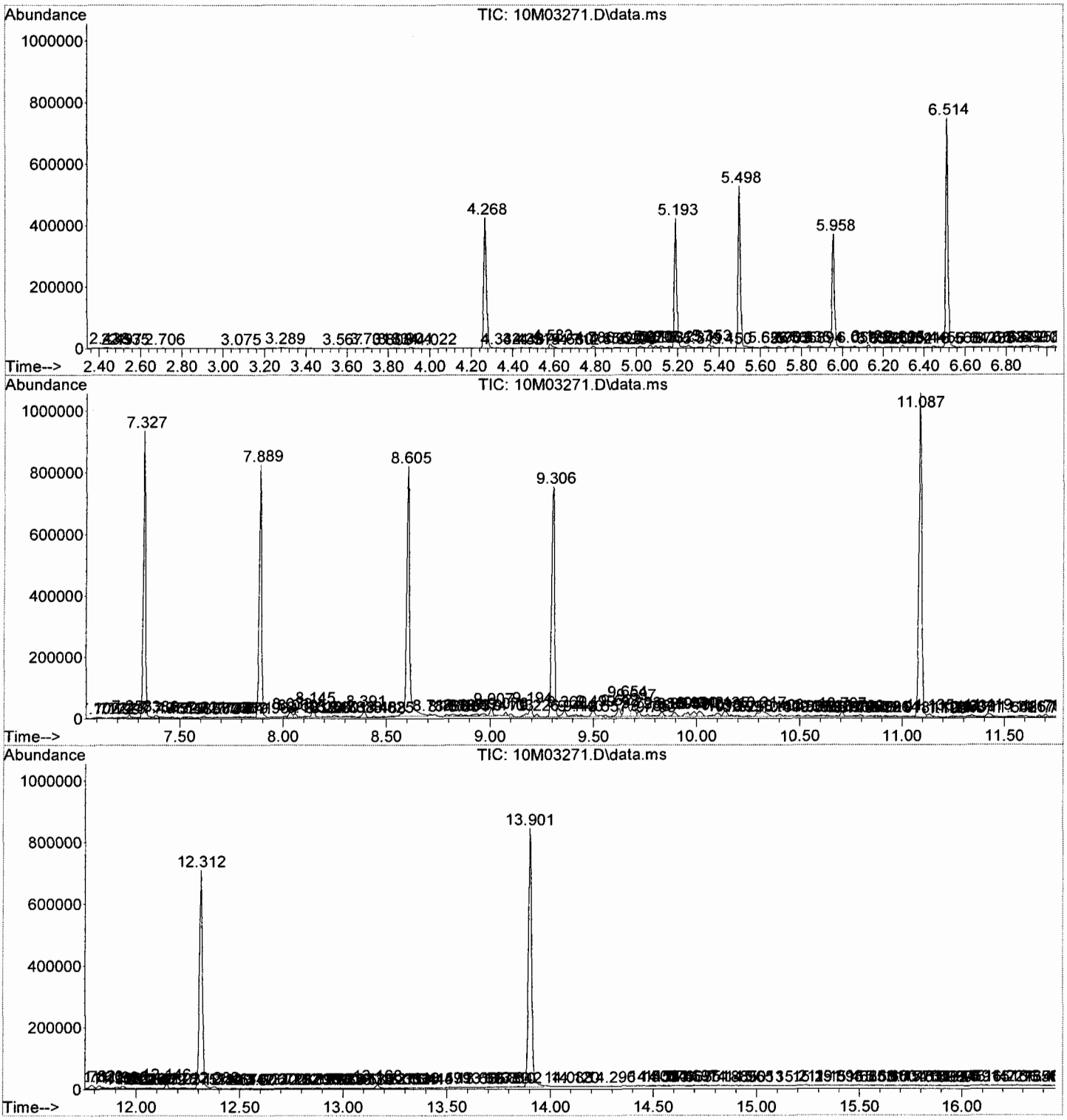
232	15.896	2532	2535	2537	rBV3	1361	1549	0.15%	0.017%
233	15.954	2545	2546	2548	rVB2	1985	998	0.10%	0.011%
234	15.976	2548	2550	2551	rBV2	3198	1677	0.17%	0.019%
235	16.019	2557	2558	2561	rBV3	3106	2603	0.26%	0.029%
236	16.115	2575	2576	2579	rVB3	1872	1727	0.17%	0.019%
237	16.147	2580	2582	2585	rVB3	1742	1499	0.15%	0.017%
238	16.227	2595	2597	2602	rBV6	1878	2527	0.25%	0.028%
239	16.356	2619	2621	2623	rBV3	1498	1058	0.10%	0.012%
240	16.409	2628	2631	2633	rBV4	2008	1538	0.15%	0.017%
241	16.425	2633	2634	2636	rBV2	1920	1506	0.15%	0.017%

Sum of corrected areas: 9015197

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03271.D
Acq On : 3 Mar 2009 14:13
Operator : AHD
Sample : AC42940-013
Misc : A,BNA
ALS Vial : 9 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03271.D
Acq On : 3 Mar 2009 14:13
Operator : AHD
Sample : AC42940-013
Misc : A,BNA
ALS Vial : 9 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

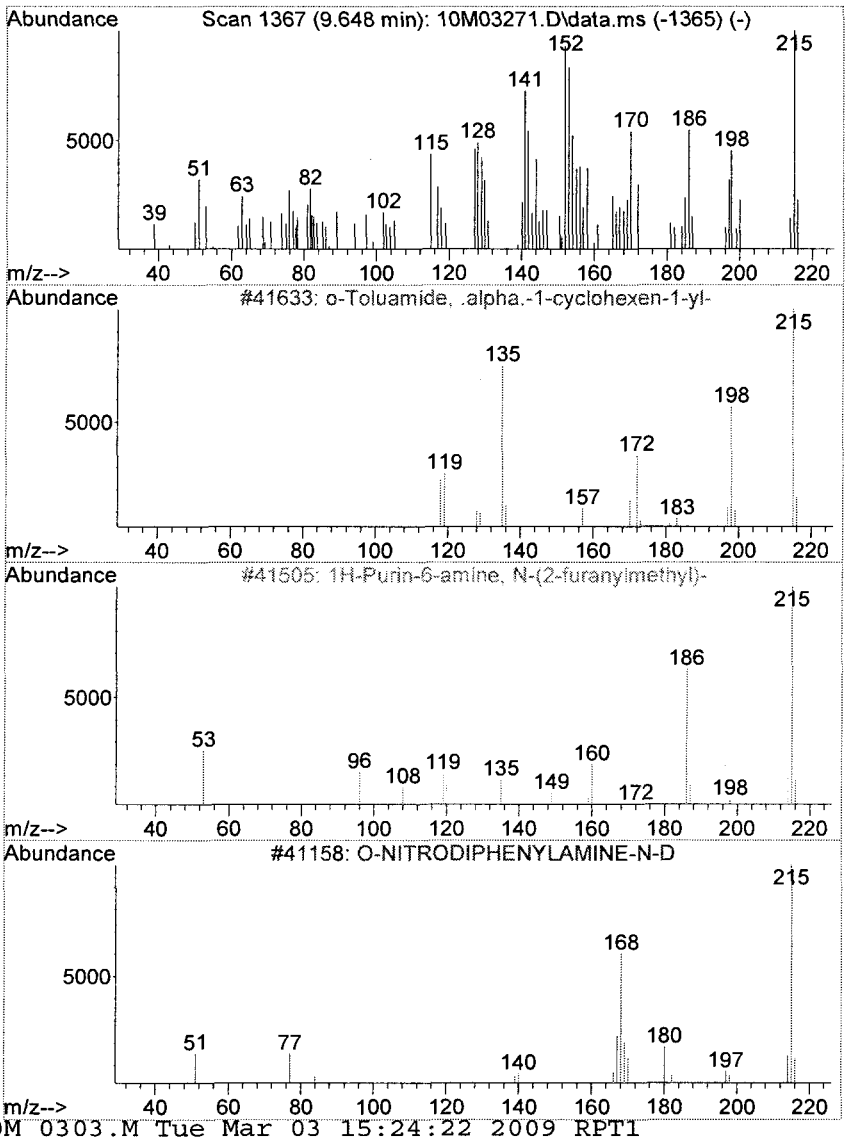
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

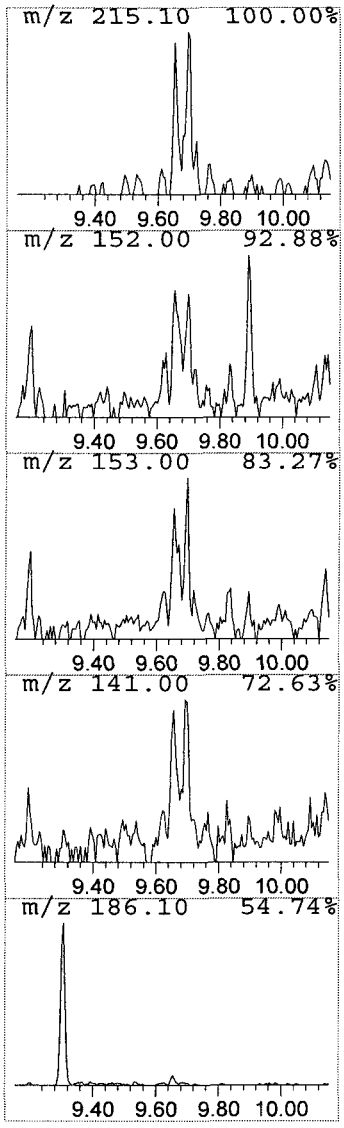
****

Peak Number 1 unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	4.29 ng	78462	Phenanthrene-d10	9.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Toluamide, .alpha.-1-cyclohexe...	215	C14H17NO	023966-64-5	25
2	1H-Purin-6-amine, N-(2-furanylme...	215	C10H9N5O	000525-79-1	18
3	O-NITRODIPHENYLAMINE-N-D	214	C12H9DN2O2	035714-23-9	15
4	Acenaphthylene, 1,2-dihydro-	154	C12H10	000083-32-9	11
5	Benzene, (2,4-cyclopentadien-1-y...	154	C12H10	007338-50-3	11





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03271.D
Acq On : 3 Mar 2009 14:13
Operator : AHD
Sample : AC42940-013
Misc : A,BNA
ALS Vial : 9 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc
unknown	9.65	4.3	ng	78462	4 9.31	9.31	731504	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC42940-029
Client Id: FB U
Data File: 10M03272.D
Analysis Date: 03/03/09 14:35
Date Rec/Extracted: 02/25/09-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	2.2	U
95-48-7	2-Methylphenol	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	11	U
106-47-8	4-Chloroaniline	2.2	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	2.2	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	2.2	U
208-96-8	Acenaphthylene	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
92-87-5	Benzidine	11	U	87-86-5	Pentachlorophenol	11	U
56-55-3	Benzo[a]anthracene	2.2	U	85-01-8	Phenanthrene	2.2	U
50-32-8	Benzo[a]pyrene	2.2	U	108-95-2	Phenol	2.2	U
205-99-2	Benzo[b]fluoranthene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC42940-029
Client Id: FB U
Data File: 10M03272.D
Analysis Date: 03/03/09 14:35
Date Rec/Extracted: 02/25/09-02/27/09

Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110511

Total Tentativelv Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

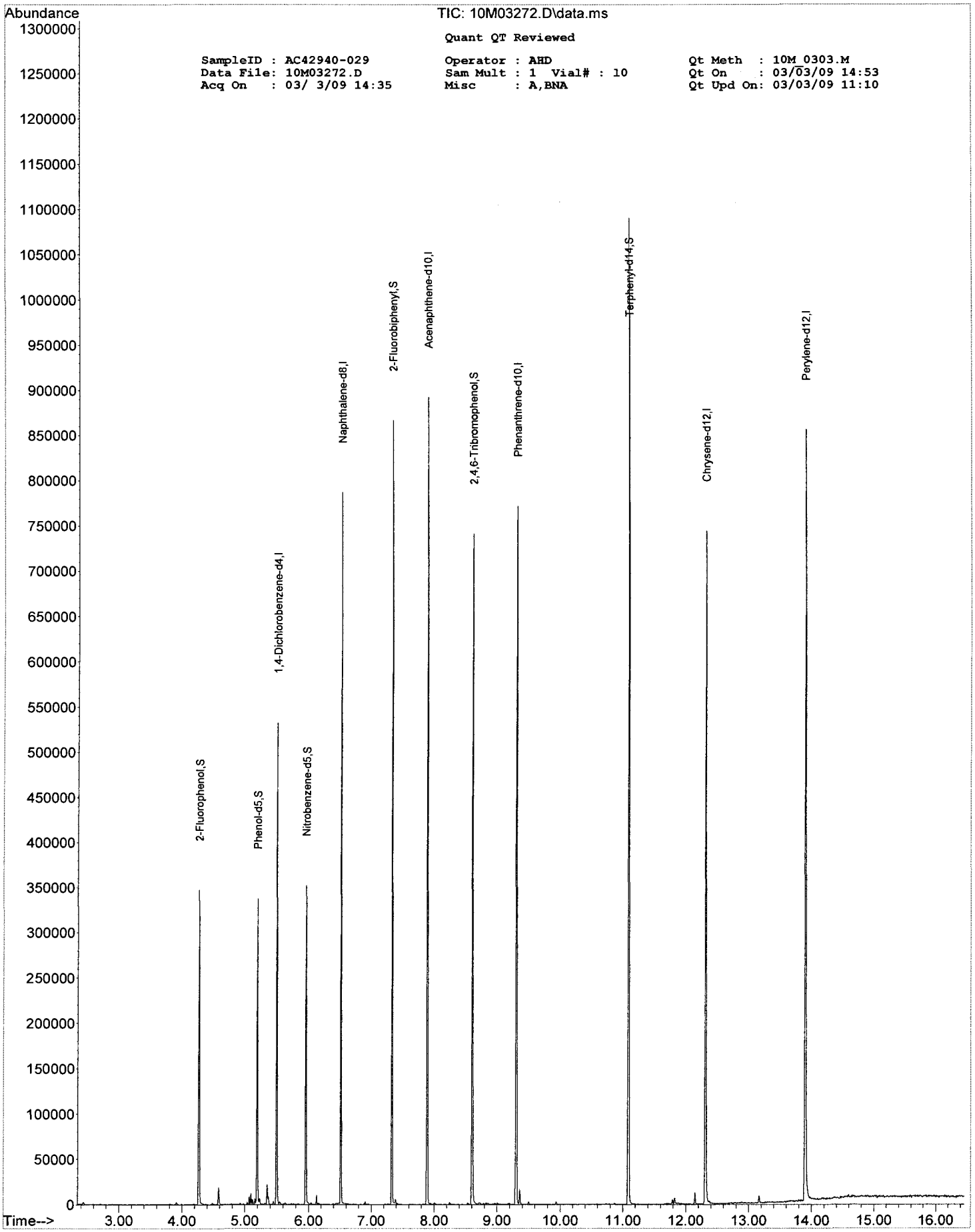
Quantitation Report (QT Reviewed)

SampleID : AC42940-029 Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03272.D Sam Mult : 1 Vial# : 10 Qt On : 03/03/09 14:53
Acq On : 03/ 3/09 14:35 Misc : A,BNA Qt Upd On: 03/03/09 11:10

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	68472	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	260529	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	157577	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	276632	40.00	ng	0.00
81) Chrysene-d12	12.312	240	303391	40.00	ng	0.00
96) Perylene-d12	13.900	264	346378	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	85330	43.10	ng	0.00
Spiked Amount 100.000			Recovery = 43.10%			
9) Phenol-d5	5.193	99	94573	34.51	ng	0.00
Spiked Amount 100.000			Recovery = 34.51%			
24) Nitrobenzene-d5	5.958	128	42854	39.28	ng	0.00
Spiked Amount 50.000			Recovery = 78.56%			
46) 2-Fluorobiphenyl	7.327	172	218162	38.30	ng	0.00
Spiked Amount 50.000			Recovery = 76.60%			
70) 2,4,6-Tribromophenol	8.605	330	98463	89.03	ng	0.00
Spiked Amount 100.000			Recovery = 89.03%			
84) Terphenyl-d14	11.087	244	396506	46.72	ng	0.00
Spiked Amount 50.000			Recovery = 93.44%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03272.D\data.ms
Quant QT Reviewed
SampleID : AC42940-029
Data File: 10M03272.D
Acq On : 03/ 3/09 14:35
Operator : AHD
Sam Mult : 1 Vial# : 10
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 14:53
Qt Upd On: 03/03/09 11:10
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03272.D
Acq On : 3 Mar 2009 14:35
Operator : AHD
Sample : AC42940-029
Misc : A,BNA
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03272.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.438	10	19	22	rVB2	2471	3272	0.32%	0.043%
2	2.711	66	70	74	rBV2	884	1512	0.15%	0.020%
3	3.380	188	195	199	rBB	668	979	0.09%	0.013%
4	3.808	272	275	280	rBV	1027	1498	0.15%	0.020%
5	3.909	292	294	302	rVB4	2734	3081	0.30%	0.041%
6	4.193	344	347	351	rVB2	1108	1340	0.13%	0.018%
7	4.268	356	361	374	rBV	347546	309338	29.96%	4.072%
8	4.380	379	382	386	rVB	1136	1049	0.10%	0.014%
9	4.482	396	401	411	rBV4	2171	3593	0.35%	0.047%
10	4.583	415	420	428	rBV	19073	19643	1.90%	0.259%
11	4.786	454	458	464	rBB	1027	1015	0.10%	0.013%
12	4.925	477	484	488	rBB	1574	1672	0.16%	0.022%
13	5.038	500	505	508	rBV	2766	2352	0.23%	0.031%
14	5.070	508	511	513	rVV	8619	7040	0.68%	0.093%
15	5.097	513	516	519	rVV	12060	8868	0.86%	0.117%
16	5.123	519	521	525	rVV	5661	4175	0.40%	0.055%
17	5.161	525	528	530	rVV	6636	5067	0.49%	0.067%
18	5.193	530	534	539	rVV	337830	276267	26.76%	3.637%
19	5.230	539	541	547	rVV2	6563	7099	0.69%	0.093%
20	5.278	547	550	553	rVB	945	1236	0.12%	0.016%
21	5.327	553	559	560	rBV	1643	2516	0.24%	0.033%
22	5.353	560	564	573	rVB2	21791	25012	2.42%	0.329%
23	5.450	577	582	587	rBB	3702	3462	0.34%	0.046%
24	5.498	587	591	598	rBV	532632	405406	39.26%	5.337%
25	5.546	598	600	607	rVB2	3391	4022	0.39%	0.053%
26	5.605	607	611	613	rBV	1102	1271	0.12%	0.017%
27	5.637	613	617	623	rVB3	2293	2798	0.27%	0.037%
28	5.728	631	634	638	rVB3	1358	1170	0.11%	0.015%
29	5.765	638	641	644	rBB	1035	969	0.09%	0.013%
30	5.840	648	655	661	rVB3	995	1633	0.16%	0.021%
31	5.958	670	677	689	rBV	352579	282399	27.35%	3.718%
32	6.043	689	693	697	rVB2	2024	2208	0.21%	0.029%
33	6.129	704	709	711	rVB	10279	6699	0.65%	0.088%
34	6.444	760	768	770	rBV2	1620	2160	0.21%	0.028%
35	6.514	775	781	788	rBV	785761	544173	52.70%	7.164%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03272.D
Acq On : 3 Mar 2009 14:35
Operator : AHD
Sample : AC42940-029
Misc : A,BNA
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

36	6.621	800	801	805	rVB	874	1049	0.10%	0.014%
37	6.824	836	839	845	rVB	634	985	0.10%	0.013%
38	6.904	846	854	857	rBV3	3453	3223	0.31%	0.042%
39	7.263	917	921	926	rBB	965	1340	0.13%	0.018%
40	7.327	926	933	941	rBV	866923	622952	60.33%	8.201%
41	7.386	941	944	948	rVB	5136	4673	0.45%	0.062%
42	7.471	958	960	967	rVB	767	1006	0.10%	0.013%
43	7.621	983	988	991	rBB	930	1104	0.11%	0.015%
44	7.889	1031	1038	1046	rBV	892307	685420	66.38%	9.023%
45	7.947	1046	1049	1051	rVB	1312	1102	0.11%	0.015%
46	8.006	1055	1060	1067	rVB	1951	2228	0.22%	0.029%
47	8.247	1097	1105	1115	rBV2	2483	3486	0.34%	0.046%
48	8.530	1153	1158	1162	rBV2	1795	1855	0.18%	0.024%
49	8.605	1166	1172	1190	rBV	741366	675328	65.40%	8.890%
50	8.712	1190	1192	1202	rVB4	2361	3999	0.39%	0.053%
51	8.787	1202	1206	1209	rBV2	1520	1462	0.14%	0.019%
52	8.825	1209	1213	1215	rVV2	2043	2179	0.21%	0.029%
53	8.851	1215	1218	1221	rVV2	1600	1975	0.19%	0.026%
54	8.878	1221	1223	1229	rVB	732	982	0.10%	0.013%
55	8.964	1235	1239	1244	rBV2	1446	2239	0.22%	0.029%
56	9.006	1244	1247	1252	rVB	1805	1810	0.18%	0.024%
57	9.178	1276	1279	1281	rBV	1324	1146	0.11%	0.015%
58	9.306	1294	1303	1310	rBV	771819	735288	71.21%	9.679%
59	9.359	1310	1313	1320	rVB	16453	14691	1.42%	0.193%
60	9.499	1332	1339	1343	rBV2	3070	3500	0.34%	0.046%
61	9.937	1417	1421	1426	rBB	3127	2842	0.28%	0.037%
62	10.868	1589	1595	1601	rVB	1221	1386	0.13%	0.018%
63	11.087	1630	1636	1649	rBV	1090429	1032559	100.00%	13.593%
64	11.189	1652	1655	1659	rVB	779	1215	0.12%	0.016%
65	11.708	1748	1752	1755	rBV3	1299	1748	0.17%	0.023%
66	11.734	1755	1757	1761	rVB	1070	1049	0.10%	0.014%
67	11.788	1761	1767	1770	rBV2	5316	5282	0.51%	0.070%
68	11.825	1770	1774	1778	rBV3	6713	7567	0.73%	0.100%
69	11.879	1783	1784	1789	rVB	1250	1089	0.11%	0.014%
70	11.916	1789	1791	1799	rVB2	872	1102	0.11%	0.015%
71	12.146	1827	1834	1840	rVB2	12873	12246	1.19%	0.161%
72	12.237	1846	1851	1854	rBV2	699	1050	0.10%	0.014%
73	12.312	1858	1865	1876	rBV	743554	722360	69.96%	9.509%
74	12.649	1924	1928	1932	rVB2	637	1053	0.10%	0.014%
75	12.697	1932	1937	1939	rBV2	1277	1702	0.16%	0.022%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03272.D
Acq On : 3 Mar 2009 14:35
Operator : AHD
Sample : AC42940-029
Misc : A,BNA
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

76	12.777	1948	1952	1955	rBV2	1534	2409	0.23%	0.032%
77	12.831	1959	1962	1963	rBV2	1276	1072	0.10%	0.014%
78	12.890	1968	1973	1978	rVB5	1447	3011	0.29%	0.040%
79	12.943	1978	1983	1984	rBV2	1072	1119	0.11%	0.015%
80	13.007	1994	1995	1999	rVB	1146	963	0.09%	0.013%
81	13.109	2010	2014	2018	rVB2	1046	1345	0.13%	0.018%
82	13.162	2018	2024	2028	rBV3	8277	9827	0.95%	0.129%
83	13.269	2040	2044	2046	rBV2	1277	1328	0.13%	0.017%
84	13.307	2048	2051	2054	rBV3	1438	1379	0.13%	0.018%
85	13.371	2061	2063	2069	rVB3	1281	1564	0.15%	0.021%
86	13.457	2077	2079	2084	rVB3	1021	1027	0.10%	0.014%
87	13.574	2099	2101	2105	rVB3	1687	1846	0.18%	0.024%
88	13.612	2105	2108	2110	rBV3	1890	2066	0.20%	0.027%
89	13.660	2114	2117	2119	rBV3	1195	973	0.09%	0.013%
90	13.761	2130	2136	2139	rBV5	2154	3713	0.36%	0.049%
91	13.799	2141	2143	2146	rBV4	1997	2027	0.20%	0.027%
92	13.826	2146	2148	2149	rVB2	2304	1256	0.12%	0.017%
93	13.858	2149	2154	2155	rBV4	1903	2734	0.26%	0.036%
94	13.900	2155	2162	2175	rBV	852066	953047	92.30%	12.546%
95	13.975	2175	2176	2181	rVB4	2301	2574	0.25%	0.034%
96	14.098	2195	2199	2202	rVB4	2165	1818	0.18%	0.024%
97	14.136	2202	2206	2208	rBV4	1481	1548	0.15%	0.020%
98	14.168	2209	2212	2215	rBV4	1861	2291	0.22%	0.030%
99	14.296	2234	2236	2238	rVB2	1684	1047	0.10%	0.014%
100	14.355	2244	2247	2250	rBV4	1718	2100	0.20%	0.028%
101	14.409	2256	2257	2259	rBV2	1136	976	0.09%	0.013%
102	14.462	2264	2267	2269	rBV4	2687	2103	0.20%	0.028%
103	14.483	2269	2271	2277	rBV4	2091	3351	0.32%	0.044%
104	14.526	2277	2279	2281	rBV3	1481	1356	0.13%	0.018%
105	14.596	2291	2292	2296	rVB4	2827	1425	0.14%	0.019%
106	14.655	2300	2303	2305	rBV4	2900	1863	0.18%	0.025%
107	14.676	2305	2307	2311	rVB5	2402	3046	0.29%	0.040%
108	14.740	2317	2319	2322	rBV4	1415	1583	0.15%	0.021%
109	14.804	2329	2331	2334	rBV4	1724	1406	0.14%	0.019%
110	14.906	2345	2350	2351	rVB5	1931	2366	0.23%	0.031%
111	14.943	2355	2357	2360	rBV3	2165	1879	0.18%	0.025%
112	15.018	2368	2371	2373	rVB4	2070	1926	0.19%	0.025%
113	15.045	2373	2376	2378	rVB3	3422	3900	0.38%	0.051%
114	15.061	2378	2379	2381	rBV2	2546	1844	0.18%	0.024%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03272.D
Acq On : 3 Mar 2009 14:35
Operator : AHD
Sample : AC42940-029
Misc : A,BNA
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

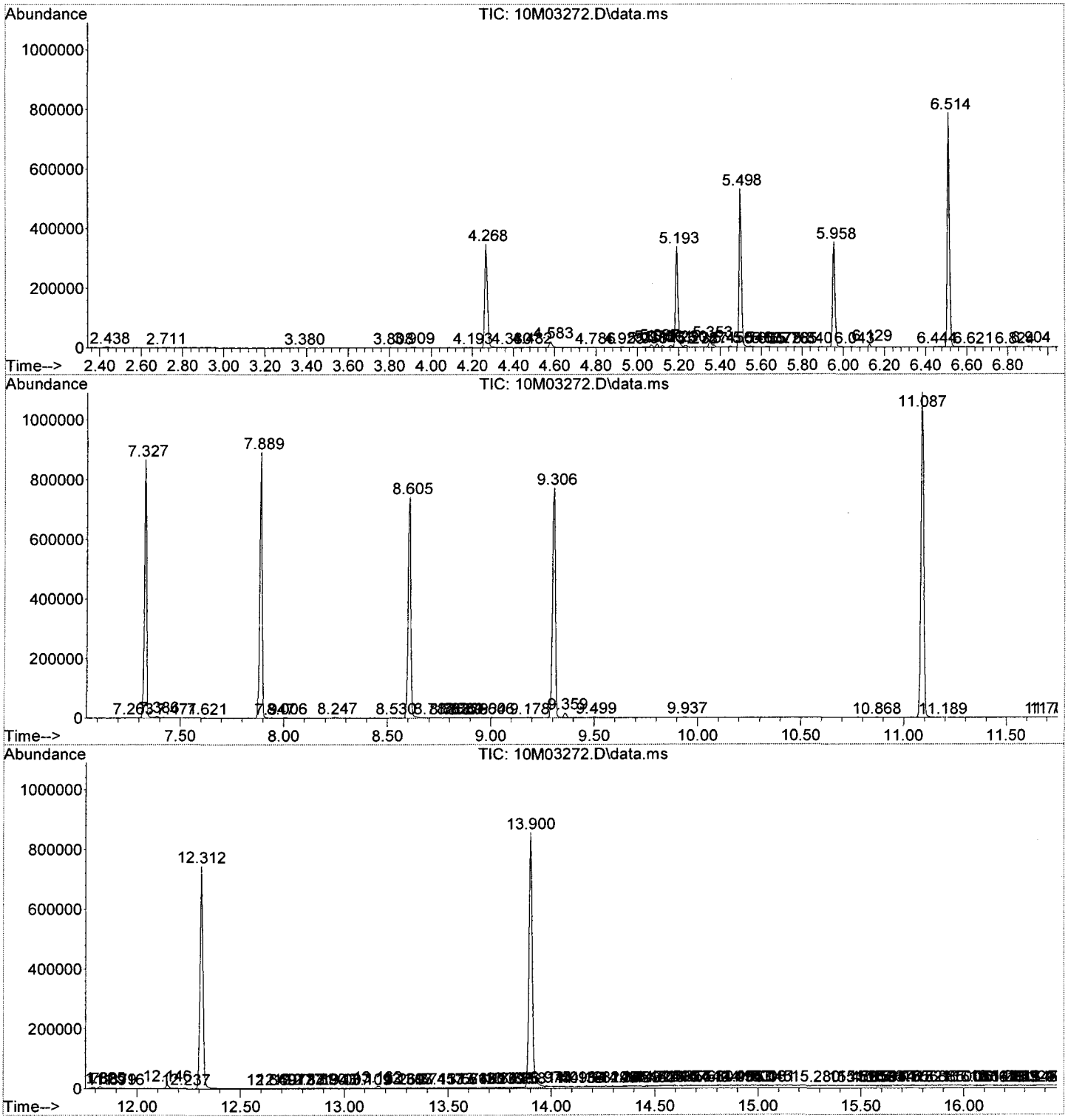
115	15.280	2416	2420	2422	rVB5	1652	1649	0.16%	0.022%
116	15.462	2451	2454	2456	rBV4	2128	2042	0.20%	0.027%
117	15.505	2459	2462	2463	rVB2	1944	1639	0.16%	0.022%
118	15.559	2471	2472	2475	rVB3	1694	1463	0.14%	0.019%
119	15.591	2475	2478	2482	rVB5	3283	4372	0.42%	0.058%
120	15.644	2482	2488	2489	rBV4	2717	5347	0.52%	0.070%
121	15.676	2493	2494	2496	rBV2	2264	1169	0.11%	0.015%
122	15.756	2506	2509	2515	rVB8	2544	4406	0.43%	0.058%
123	15.821	2516	2521	2524	rVV6	1212	1702	0.16%	0.022%
124	15.885	2530	2533	2535	rVB3	2035	1739	0.17%	0.023%
125	16.008	2554	2556	2558	rBV2	2354	1633	0.16%	0.021%
126	16.061	2565	2566	2573	rBV7	2763	5335	0.52%	0.070%
127	16.147	2581	2582	2587	rVB5	2925	2765	0.27%	0.036%
128	16.179	2587	2588	2591	rBV3	2275	1484	0.14%	0.020%
129	16.206	2591	2593	2598	rVB4	2342	2834	0.27%	0.037%
130	16.249	2598	2601	2603	rBV3	1867	2286	0.22%	0.030%
131	16.329	2613	2616	2617	rVB2	2481	1696	0.16%	0.022%
132	16.345	2617	2619	2621	rBV3	2671	2483	0.24%	0.033%
133	16.409	2629	2631	2636	rVB5	1402	2032	0.20%	0.027%

Sum of corrected areas: 7596450

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03272.D
Acq On : 3 Mar 2009 14:35
Operator : AHD
Sample : AC42940-029
Misc : A,BNA
ALS Vial : 10 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03272.D
Acq On : 3 Mar 2009 14:35
Operator : AHD
Sample : AC42940-029
Misc : A,BNA
ALS Vial : 10 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

GC/MS Semi-Volatile Data
Standards Data

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M48941.	CAL BNA@50PPM	02/19/09 11:59	2	5M48944.	CAL BNA@2PPM	02/19/09 13:07
3	5M48945.	CAL BNA@10PPM	02/19/09 13:57	4	5M48942.	CAL BNA@20PPM	02/19/09 12:22
5	5M48940.	CAL BNA@80PPM	02/19/09 11:37	6	5M48939.	CAL BNA@120PPM	02/19/09 11:15
7	5M48938.	CAL BNA@160PPM	02/19/09 10:52	8	5M48937.	CAL BNA@196PPM	02/19/09 10:17

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Qua	1.3083	0.8768	1.1190	1.1195	1.3086	1.3431	1.4111	1.4346	-----	1.24	3.02	0.999	1.00	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.7631	0.5460	0.6616	0.6620	0.7490	0.7547	0.8039	0.8426	-----	0.723	2.95	0.997	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.3367	1.1800	1.1835	1.1716	1.3533	1.3689	1.4234	1.4371	-----	1.31	4.57	0.999	1.00	8.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Qua	0.8689	1.1646	1.0844	1.0481	0.6585	0.5432	0.4404	0.3457	-----	0.769	5.41	0.852	0.993	41		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	Avg	1.9573	1.2794	1.8738	1.8237	1.9302	1.8329	1.7431	1.7685	-----	1.78	5.50	0.998	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.4273	0.4838	0.4138	0.3910	0.4238	0.3952	0.3922	0.3948	-----	0.415	5.55	0.999	0.999	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.2126	1.4067	1.2692	1.1440	1.1857	1.1220	1.0823	1.1295	-----	1.19	5.57	0.998	0.998	8.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.7102	1.5895	1.6220	1.5867	1.7356	1.6931	1.7106	1.7614	-----	1.68	5.47	0.999	1.00	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.7955	1.7647	1.7781	1.6898	1.8032	1.7346	1.7010	1.7385	-----	1.75	5.48	0.999	0.999	2.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.3535	1.4586	1.3251	1.2680	1.3633	1.3300	1.2948	1.3289	-----	1.34	5.60	0.999	0.999	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.1222	1.2508	1.1802	1.1104	1.0758	0.9694	0.9200	0.9434	-----	1.07	5.65	0.996	0.998	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.3-Dichlorobenzene	1	0	Avg	1.5183	1.7679	1.5242	1.4714	1.4922	1.4118	1.3979	1.4270	-----	1.50	5.74	0.999	0.999	7.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dichlorobenzene	1	0	Avg	1.5277	1.6749	1.5587	1.4722	1.5029	1.4308	1.4120	1.4409	-----	1.50	5.80	0.999	0.999	5.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Dichlorobenzene	1	0	Avg	1.4000	1.5988	1.4232	1.3361	1.3846	1.3173	1.3033	1.3240	-----	1.39	5.93	0.999	0.999	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.8444	0.8131	0.8628	0.8097	0.8494	0.8330	0.8302	0.8378	-----	0.835	5.90	1.00	1.00	2.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)et	1	0	Avg	1.1902	1.4296	1.2545	1.1951	1.1728	1.0812	1.0117	1.0259	-----	1.17	6.02	0.996	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.1735	1.2029	1.1494	1.1016	1.1669	1.1246	1.1090	1.1293	-----	1.14	5.99	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	1.8923	2.2113	2.0046	1.8587	1.8689	1.8036	1.7678	1.7854	-----	1.90	6.12	1.00	1.00	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5397	0.6401	0.5341	0.5127	0.5241	0.5076	0.5040	0.5132	-----	0.534	6.21	1.00	1.00	8.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.8443	1.0270	0.8974	0.8305	0.8186	0.7923	0.7611	0.7643	-----	0.842	6.12	0.999	1.00	10	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.1602	1.2776	1.2192	1.1392	1.1666	1.1191	1.0888	1.0881	-----	1.16	6.12	0.999	1.00	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1781	0.1777	0.1710	0.1615	0.1774	0.1714	0.1711	0.1704	-----	0.172	6.24	1.00	1.00	3.2		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3446	0.3930	0.3582	0.3371	0.3409	0.3285	0.3220	0.3132	-----	0.342	6.26	0.999	1.00	7.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.6501	0.6752	0.6691	0.6277	0.6588	0.6388	0.6283	0.6287	-----	0.647	6.44	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1886	0.1762	0.1740	0.1743	0.1953	0.1887	0.1859	0.1841	-----	0.183	6.51	0.999	1.00	4.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dimethylphenol	1	0	Avg	0.3577	0.3693	0.3579	0.3481	0.3640	0.3472	0.3387	0.3372	-----	0.353	6.54	0.999	1.00	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.1859	-----	0.0856	0.1243	0.2158	0.2283	0.2189	0.2194	-----	0.183	6.59	0.998	0.999	31		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.3710	0.4314	0.3947	0.3676	0.3689	0.3606	0.3527	0.3502	-----	0.375	6.61	1.00	1.00	7.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dichlorophenol	1	0	Avg	0.3067	0.3052	0.3041	0.2906	0.3122	0.3010	0.2946	0.2913	-----	0.301	6.69	0.999	1.00	2.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4-Trichlorobenzene	1	0	Avg	0.3706	0.4319	0.3767	0.3596	0.3701	0.3504	0.3496	0.3467	-----	0.369	6.76	0.999	1.00	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0194	1.1916	1.0522	1.0050	1.0258	0.9755	0.9542	0.9441	-----	1.02	6.82	0.999	1.00	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.4020	0.2777	0.3764	0.3897	0.3638	0.3357	0.2809	-----	-----	0.347	6.86	0.971	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Hexachlorobutadiene	1	0	Avg	0.2329	0.2529	0.2294	0.2193	0.2283	0.2206	0.2159	0.2165	-----	0.227	6.91	0.999	1.00	5.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1157	0.0957	0.1116	0.1092	0.1207	0.1219	0.0970	0.1026	-----	0.109	7.12	0.982	0.990	9.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3074	0.2920	0.3077	0.2949	0.3180	0.3170	0.2953	0.2959	-----	0.304	7.22	0.998	0.999	3.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7229	0.7861	0.7501	0.7029	0.7340	0.7023	0.6603	0.6587	-----	0.715	7.36	0.997	0.999	6.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7229	0.7861	0.7501	0.7029	0.7340	0.7023	0.6603	0.6587	-----	0.715	7.36	0.997	0.999	6.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.1'-Biphenyl	1	0	Avg	0.8972	1.0707	0.9425	0.8755	0.9040	0.8754	0.8027	0.8169	-----	0.898	7.73	0.997	0.999	9.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4.5-Tetrachloroben	1	0	Avg	0.7058	0.8046	0.7318	0.6827	0.6694	0.6284	0.6374	0.6153	-----	0.684	7.49	0.998	0.999	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Avg	0.3871	0.2480	0.3140	0.3302	0.3858	0.3735	0.3918	0.3731	-----	0.350	7.48	0.999	0.999	14	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Trichlorophenol	1	0	Avg	0.3888	0.3668	0.3726	0.3599	0.3846	0.3660	0.3674	0.3619	-----	0.371	7.58	0.999	0.999	2.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.23
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M48941.	CAL BNA@50PPM	02/19/09 11:59	2	5M48944.	CAL BNA@2PPM	02/19/09 13:07
3	5M48945.	CAL BNA@10PPM	02/19/09 13:57	4	5M48942.	CAL BNA@20PPM	02/19/09 12:22
5	5M48940.	CAL BNA@80PPM	02/19/09 11:37	6	5M48939.	CAL BNA@120PPM	02/19/09 11:15
7	5M48938.	CAL BNA@160PPM	02/19/09 10:52	8	5M48937.	CAL BNA@196PPM	02/19/09 10:17

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.4248	0.3919	0.3997	0.3953	0.4055	0.3933	0.3827	0.3794	-----	0.397	7.61	0.999	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.4269	1.6083	1.4617	1.3575	1.3723	1.2843	1.2956	1.2422	-----	1.38	7.65	0.998	0.999	8.5		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1664	1.3041	1.2058	1.1232	1.1140	1.0558	1.0429	1.0110	-----	1.13	7.75	0.998	1.00	8.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthalei	1	0	Avg	0.9250	1.1113	0.9630	0.8941	0.8776	0.8168	0.8034	0.7929	-----	0.898	8.04	0.998	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	0.9250	1.1113	0.9630	0.8941	0.8776	0.8168	0.8034	0.7929	-----	0.898	8.04	0.998	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.9053	1.0288	0.9321	0.8644	0.8680	0.8155	0.8207	0.8026	-----	0.880	7.82	0.999	1.00	8.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.3717	0.3680	0.3704	0.3567	0.3530	0.3305	0.3159	0.3176	-----	0.348	7.83	0.997	0.999	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.7882	1.9702	1.8519	1.7399	1.7144	1.6075	1.5849	1.5722	-----	1.73	8.11	0.999	1.00	8.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.3865	1.4829	1.4122	1.3248	1.3337	1.2813	1.2242	1.2405	-----	1.34	7.98	0.998	0.999	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.3130	0.2799	0.3049	0.2980	0.2977	0.2826	0.2701	0.2707	-----	0.290	8.04	0.998	0.999	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.1671	1.2977	1.1888	1.1125	1.1338	1.0842	1.0554	1.0484	-----	1.14	8.27	0.999	1.00	7.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3111	0.2491	0.2833	0.2935	0.2762	0.2622	0.2431	0.2417	-----	0.270	8.19	0.994	0.998	9.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	Qua	0.1400	-----	0.0628	0.0881	0.1517	0.1649	0.1640	0.1703	-----	0.135	8.28	0.999	0.999	31	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.6938	1.8738	1.7187	1.5990	1.6340	1.5404	1.4485	1.4841	-----	1.62	8.42	0.997	0.999	8.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.4238	0.3290	0.4010	0.4007	0.4219	0.4101	0.3928	0.4066	-----	0.398	8.39	0.999	0.999	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	LinF	0.1985	0.1162	0.1710	0.1814	0.1952	0.1938	0.1849	0.1910	-----	0.179	8.31	0.999	1.00	15	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.3824	0.2751	0.3513	0.3494	0.3702	0.3616	0.3534	0.3542	-----	0.350	8.53	0.999	1.00	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.3869	1.5100	1.4408	1.3402	1.3251	1.2589	1.1934	1.2214	-----	1.33	8.74	0.998	0.999	8.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.7481	0.7972	0.7543	0.7102	0.7152	0.6894	0.6779	0.6860	-----	0.722	8.74	0.999	1.00	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.3520	1.3439	1.3551	1.2640	1.2928	1.2567	1.1946	1.2382	-----	1.29	8.61	0.998	0.999	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3391	0.3065	0.3285	0.3160	0.3245	0.3100	0.3020	0.3128	-----	0.317	8.75	0.999	0.999	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4939	0.4384	0.4793	0.4514	0.4652	0.4578	0.4271	0.4523	-----	0.458	9.38	0.997	0.998	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Qua	0.1249	-----	0.0839	0.0978	0.1330	0.1336	0.1363	0.1386	-----	0.121	8.77	1.00	1.00	18		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6430	0.7180	0.6737	0.6317	0.6346	0.5944	0.5921	0.5750	-----	0.633	8.84	0.998	1.00	7.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Tribromophenol	1	0	Avg	0.1284	0.0920	0.1159	0.1188	0.1297	0.1251	0.1269	0.1243	-----	0.120	8.98	1.00	1.00	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	0.6601	0.7384	0.6971	0.6525	0.6401	0.5901	0.5834	0.5570	-----	0.640	8.89	0.997	1.00	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.2659	0.2835	0.2674	0.2549	0.2667	0.2520	0.2547	0.2477	-----	0.262	9.22	0.999	1.00	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.2720	0.3044	0.2807	0.2681	0.2780	0.2565	0.2636	0.2549	-----	0.272	9.29	0.999	0.999	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.3618	0.3790	0.3808	0.3566	0.3529	0.3169	0.2999	0.2883	-----	0.342	9.56	0.992	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.1436	-----	0.0914	0.1092	0.1551	0.1553	0.1604	0.1607	-----	0.139	9.49	1.00	1.00	20	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.1616	1.3259	1.1778	1.1396	1.1386	1.0698	1.0563	1.0457	-----	1.14	9.72	0.999	1.00	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.1635	1.2825	1.1905	1.1375	1.1449	1.0516	1.0469	1.0321	-----	1.13	9.78	0.998	0.999	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.0660	1.1444	1.1059	1.0551	1.0574	0.9893	0.9928	0.9859	-----	1.05	9.95	0.999	1.00	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.2882	1.2218	1.2433	1.1850	1.3061	1.2126	1.1949	1.1903	-----	1.23	10.33	0.999	0.999	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.4322	1.4239	1.4284	1.3698	1.3969	1.2835	1.3255	1.3018	-----	1.37	11.05	0.999	0.999	4.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.5039	1.5447	1.4914	1.3969	1.5024	1.4707	1.3866	1.4146	-----	1.46	11.32	0.999	0.999	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.3860	0.1923	0.3947	0.3853	0.2900	0.2519	0.2334	0.1888	-----	0.290	11.21	0.931	0.992	30		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Terphenyl-d14	1	0	Avg	1.1476	1.1686	1.1384	1.0573	1.1476	1.1381	1.0919	1.1477	-----	1.13	11.51	0.999	0.999	3.2		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4.4'-DDE	1	0	Avg	0.3550	0.3731	0.3530	0.3327	0.3562	0.3545	0.3338	0.3368	-----	0.349	11.44	0.999	0.999	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0614	0.0620	0.0601	0.0550	0.0610	0.0607	0.0565	0.0585	-----	0.0594	11.77	0.998	0.999	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.4'-DDD	1	0	Avg	0.5652	0.5368	0.5683	0.5308	0.5709	0.5599	0.5441	0.5526	-----	0.554	11.84	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Avg Rsd: 8.23

Flags
a - failed the spcc criteria * - ccc compound*
b - failed the ccc criteria ** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note:
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M48941.	CAL BNA@50PPM	02/19/09 11:59	2	5M48944.	CAL BNA@2PPM	02/19/09 13:07
3	5M48945.	CAL BNA@10PPM	02/19/09 13:57	4	5M48942.	CAL BNA@20PPM	02/19/09 12:22
5	5M48940.	CAL BNA@80PPM	02/19/09 11:37	6	5M48939.	CAL BNA@120PPM	02/19/09 11:15
7	5M48938.	CAL BNA@160PPM	02/19/09 10:52	8	5M48937.	CAL BNA@196PPM	02/19/09 10:17

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.5685	0.4684	0.5382	0.5115	0.5810	0.5854	0.5571	0.5675	-----	0.547	12.10	0.999	0.999	7.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0333	0.0317	0.0314	0.0311	0.0321	0.0325	0.0303	0.0308	-----	0.0317	11.77	0.998	0.999	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDT	1	0	Avg	0.5561	0.4854	0.5454	0.5025	0.5607	0.5610	0.5304	0.5577	-----	0.537	12.20	0.999	0.999	5.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0705	0.0626	0.0662	0.0623	0.0700	0.0701	0.0707	0.0724	-----	0.0681	12.68	1.00	1.00	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.4079	0.3026	0.3316	0.3698	0.3659	0.3386	0.3305	0.3146	-----	0.345	12.72	0.993	0.999	9.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.3513	1.4486	1.3613	1.3226	1.3541	1.3068	1.2984	1.3257	-----	1.35	12.74	1.00	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.2464	1.3648	1.2709	1.2196	1.2052	1.1727	1.1873	1.2025	-----	1.23	12.78	1.00	1.00	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.7067	0.6145	0.6648	0.6394	0.6956	0.6955	0.6669	0.6871	-----	0.671	12.80	0.999	0.999	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Avg	1.2341	0.9588	1.1075	1.0786	1.2486	1.3169	1.2322	1.2974	-----	1.18	13.54	0.998	0.998	10	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.2882	1.2318	1.2715	1.1732	1.2286	1.2881	1.3140	1.3663	-----	1.27	13.95	0.998	1.00	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.2593	1.3790	1.2769	1.2448	1.2651	1.1681	1.1086	1.1768	-----	1.23	13.98	0.997	0.997	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.2319	1.2163	1.1618	1.1493	1.1940	1.1813	1.1637	1.1690	-----	1.18	14.31	1.00	1.00	2.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.4096	1.2676	1.2673	1.2776	1.3673	1.3222	1.2327	1.2232	-----	1.30	15.68	0.996	0.999	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.1552	1.1100	1.0483	1.0917	1.1265	1.0617	0.9969	0.9807	-----	1.07	15.71	0.996	1.00	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.1490	1.1481	1.0588	1.0943	1.1122	1.0722	0.9544	0.9667	-----	1.07	16.05	0.993	0.998	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.23
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

Sample ID : CAL BNA@50PPM
Data File: 5M48941.D
Acq On : 02/19/09 11:59

Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA

Qt Meth : 5M_0219.M
Qt On : 02/19/09 12:20
Qt Upd On: 02/19/09 11:38

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.787	152	48403	40.00	ng	0.00
23) Naphthalene-d8	6.807	136	177787	40.00	ng	0.00
41) Acenaphthene-d10	8.233	164	103247	40.00	ng	0.00
67) Phenanthrene-d10	9.697	188	188175	40.00	ng	0.00
81) Chrysene-d12	12.753	240	183324	40.00	ng	-0.01
96) Perylene-d12	14.372	264	188153	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.574	112	80878	47.87	ng	0.00
Spiked Amount 100.000			Recovery = 47.87%			
9) Phenol-d5	5.471	99	103479	49.59	ng	-0.01
Spiked Amount 100.000			Recovery = 49.59%			
24) Nitrobenzene-d5	6.246	128	19797	25.73	ng	0.00
Spiked Amount 50.000			Recovery = 51.46%			
46) 2-Fluorobiphenyl	7.646	172	92081	27.17	ng	0.00
Spiked Amount 50.000			Recovery = 54.34%			
70) 2,4,6-Tribromophenol	8.976	330	30210	51.11	ng	0.00
Spiked Amount 100.000			Recovery = 51.11%			
84) Terphenyl-d14	11.503	244	131492	25.32	ng	0.00
Spiked Amount 50.000			Recovery = 50.64%			
Target Compounds						Qvalue
2) Pyridine	3.003	79	79162	47.29	ng	67
3) N-Nitrosodimethylamine	2.934	74	46172	47.95	ng	74
5) Benzaldehyde	5.407	77	52575	80.95	ng	72
6) Aniline	5.503	93	118425	53.79	ng	42
7) Pentachloroethane	5.546	117	25858	53.22	ng	65
8) bis(2-Chloroethyl)ether	5.568	93	73368	53.33	ng	75
10) Phenol	5.482	94	108638	51.31	ng	91
11) 2-Chlorophenol	5.605	128	81897	51.08	ng	79
12) N-Decane	5.653	57	67902	56.07	ng	78
13) 1,3-Dichlorobenzene	5.739	146	91867	52.78	ng	97
14) 1,4-Dichlorobenzene	5.803	146	92435	52.42	ng	98
15) 1,2-Dichlorobenzene	5.931	146	84710	52.31	ng	99
16) Benzyl alcohol	5.904	108	51090	50.35	ng	76
17) bis(2-chloroisopropyl)...	6.016	45	72012	54.81	ng	83
18) 2-Methylphenol	5.995	108	71002	52.14	ng	97
19) Acetophenone	6.123	105	114491	52.29	ng	72
20) Hexachloroethane	6.203	117	32656	52.56	ng	70
21) N-Nitroso-di-n-propyla...	6.123	70	51089	53.53	ng	64
22) 3&4-Methylphenol	6.123	108	70198	52.21	ng	96
25) Nitrobenzene	6.262	77	76594	52.05	ng	75
26) Isophorone	6.449	82	144495	50.89	ng	80
27) 2-Nitrophenol	6.508	139	41919	50.30	ng	90
28) 2,4-Dimethylphenol	6.540	107	79494	51.58	ng	98
29) Benzoic Acid	6.615	105	41330m	46.14	ng	
30) bis(2-Chloroethoxy)met...	6.615	93	82449	51.39	ng	97
31) 2,4-Dichlorophenol	6.695	162	68158	51.16	ng	85
32) 1,2,4-Trichlorobenzene	6.759	180	82370	52.10	ng	97
33) Naphthalene	6.823	128	226546	52.22	ng	99
34) 4-Chloroaniline	6.860	127	89359	64.13	ng	100
35) Hexachlorobutadiene	6.908	225	51772	52.51	ng	96
36) Caprolactam	7.138	113	25725	52.49	ng	67
37) 4-Chloro-3-methylphenol	7.224	107	68324	49.93	ng	86
38) 2-Methylnaphthalene	7.357	142	160673	52.39	ng	98
39) Methylnaphthalenes (To...	7.357	142	160673	52.39	ng	98
40) 1,1'-Biphenyl	7.731	154	199409	52.89	ng	92
42) 1,2,4,5-Tetrachloroben...	7.491	216	91093	54.49	ng	98
43) Hexachlorocyclopentadiene	7.480	237	49962	51.18	ng	96
44) 2,4,6-Trichlorophenol	7.576	196	50189	52.53	ng	95
45) 2,4,5-Trichlorophenol	7.608	196	54828	54.37	ng	98
47) 2-Chloronaphthalene	7.753	162	150539	54.60	ng	94
48) 1,4-Dimethylnaphthalene	8.036	156	119390	55.62	ng	89
49) Dimethylnaphthalenes (...	8.036	156	119390	55.62	ng	89
50) Diphenyl Ether	7.817	170	116842	54.28	ng	78
51) 2-Nitroaniline	7.833	65	47979	56.00	ng	51
52) Acenaphthylene	8.110	152	230793	54.55	ng	98
53) Dimethylphthalate	7.982	163	178947	54.18	ng	99
54) 2,6-Dinitrotoluene	8.036	165	40398	55.26	ng	65
55) Acenaphthene	8.265	153	150635	53.77	ng	97
56) 3-Nitroaniline	8.185	138	40152	59.27	ng	79
57) 2,4-Dinitrophenol	8.276	184	18077	44.23	ng	86
58) Dibenzofuran	8.420	168	218610	55.11	ng	89
59) 2,4-Dinitrotoluene	8.394	165	54706	51.99	ng	60

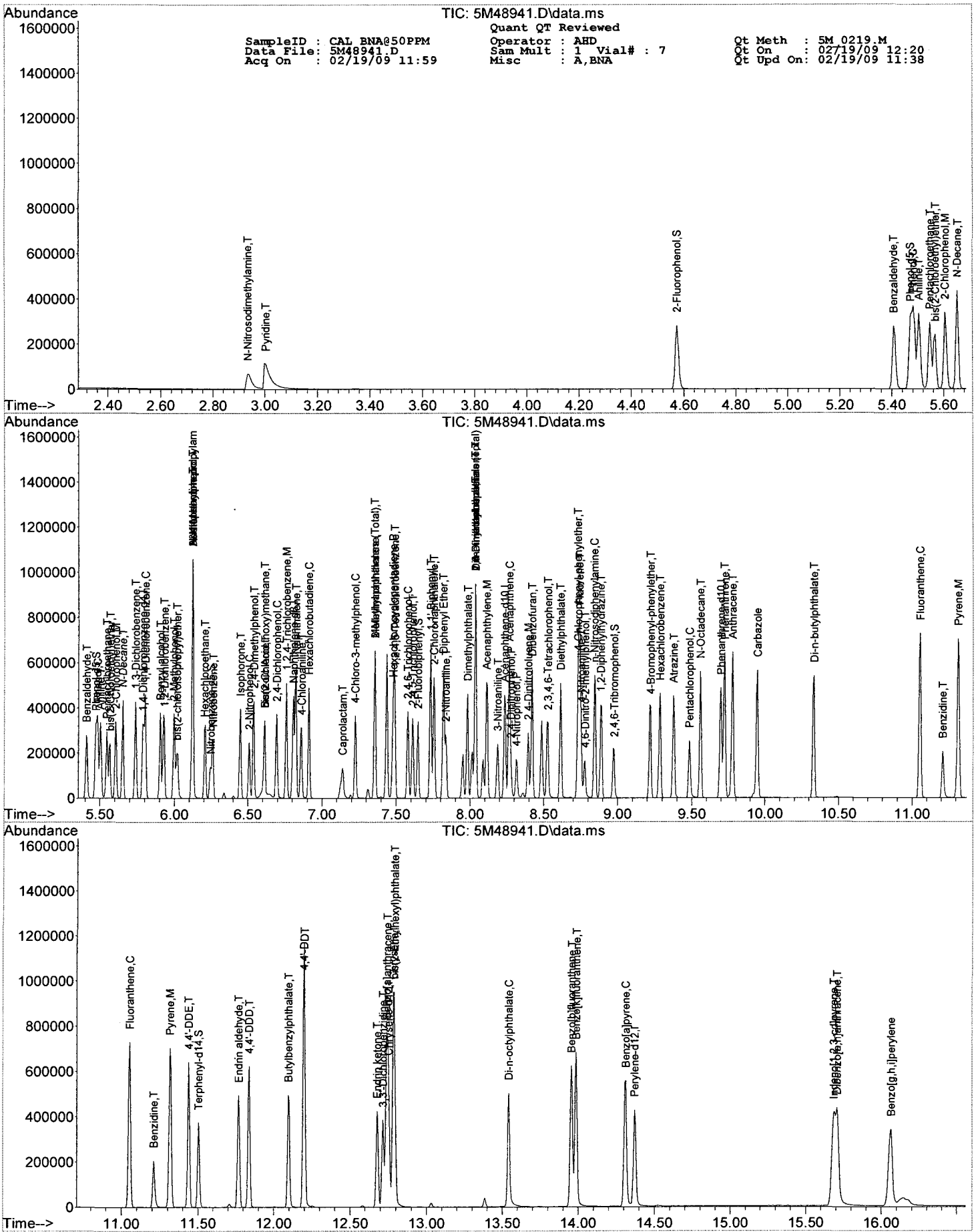
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48941.D Sam Mult : 1 Vial# : 7 Qt On : 02/19/09 12:20
Acq On : 02/19/09 11:59 Misc : A,BNA Qt Upd On: 02/19/09 11:38

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.313	65	25618	52.00	ng	71
61)	2,3,4,6-Tetrachlorophenol	8.527	232	49361	52.74	ng	81
62)	Fluorene	8.741	166	178992	54.84	ng	97
63)	4-Chlorophenyl-phenyle...	8.730	204	96561	53.66	ng	86
64)	Diethylphthalate	8.613	149	174489	53.91	ng	95
65)	4-Nitroaniline	8.752	138	43765	53.28	ng	84
66)	Atrazine	9.377	200	63752	54.40	ng	95
68)	4,6-Dinitro-2-methylph...	8.778	198	29398	46.70	ng	100
69)	n-Nitrosodiphenylamine	8.842	169	151247	53.46	ng	98
71)	1,2-Diphenylhydrazine	8.885	77	155282	55.26	ng	77
72)	4-Bromophenyl-phenylether	9.222	248	62546	52.07	ng	78
73)	Hexachlorobenzene	9.286	284	63982	51.55	ng	60
74)	N-Octadecane	9.558	57	85111	56.33	ng	70
75)	Pentachlorophenol	9.483	266	33784	47.02	ng	95
76)	Phenanthrene	9.724	178	273235	53.54	ng	99
77)	Anthracene	9.777	178	273679	54.15	ng	100
78)	Carbazole	9.948	167	250744	52.65	ng	98
79)	Di-n-butylphthalate	10.333	149	303029	52.88	ng	98
80)	Fluoranthene	11.054	202	336885	53.53	ng	80
82)	Pyrene	11.316	202	344637	52.17	ng	79
83)	Benzidine	11.209	184	88469	74.17	ng	82
85)	4,4'-DDE	11.439	246	81371	51.50	ng	95
86)	Endrin	11.770	81	14074	51.51	ng	1
87)	4,4'-DDD	11.839	235	129524	50.96	ng	97
88)	Butylbenzylphthalate	12.096	149	130280	49.97	ng	69
89)	Endrin aldehyde	11.770	67	7651	52.58	ng	85
90)	4,4'-DDT	12.197	235	127436	50.27	ng	97
91)	Endrin ketone	12.678	317	16162	49.82	ng	100
92)	3,3'-Dichlorobenzidine	12.716	252	93478	59.95	ng	95
93)	Benzo[a]anthracene	12.742	228	309670	51.30	ng	99
94)	Chrysene	12.785	228	285628	51.82	ng	98
95)	bis(2-Ethylhexyl)phtha...	12.790	149	161965	51.77	ng	91
97)	Di-n-octylphthalate	13.544	149	290253	49.22	ng	100
98)	Benzo[b]fluoranthene	13.955	252	302978	49.46	ng	90
99)	Benzo[k]fluoranthene	13.987	252	296198	53.18	ng	89
100)	Benzo[a]pyrene	14.313	252	289743	52.22	ng	88
101)	Indeno[1,2,3-cd]pyrene	15.686	276	331547	54.47	ng	68
102)	Dibenzo[a,h]anthracene	15.707	278	271696	55.14	ng	83
103)	Benzo[g,h,i]perylene	16.065	276	270239	55.56	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M48941.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 5M48941.D
Acq On : 02/19/09 11:59
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 5M 0219.M
Qt On : 02/19/09 12:20
Qt Upd On: 02/19/09 11:38
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48944.D Sam Mult : 1 Vial# : 10 Qt On : 02/19/09 13:34
Acq On : 02/19/09 13:07 Misc : A,BNA Qt Upd On: 02/19/09 13:06

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.787	152	55929	40.00	ng	0.00
23) Naphthalene-d8	6.802	136	209569	40.00	ng	0.00
41) Acenaphthene-d10	8.233	164	124727	40.00	ng	0.00
67) Phenanthrene-d10	9.697	188	214666	40.00	ng	0.00
81) Chrysene-d12	12.747	240	217182	40.00	ng	0.00
96) Perylene-d12	14.372	264	208876	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.574	112	3300	1.78	ng	0.00
Spiked Amount 100.000			Recovery = 1.78%			
9) Phenol-d5	5.471	99	4445	1.87	ng	0.00
Spiked Amount 100.000			Recovery = 1.87%			
24) Nitrobenzene-d5	6.241	128	931	1.03	ng	0.00
Spiked Amount 50.000			Recovery = 2.06%			
46) 2-Fluorobiphenyl	7.646	172	5015	1.20	ng	0.00
Spiked Amount 50.000			Recovery = 2.40%			
70) 2,4,6-Tribromophenol	8.976	330	988	1.47	ng	0.00
Spiked Amount 100.000			Recovery = 1.47%			
84) Terphenyl-d14	11.503	244	6345	1.04	ng	0.00
Spiked Amount 50.000			Recovery = 2.08%			
Target Compounds						Qvalue
2) Pyridine	3.083	79	2452m	1.35	ng	
3) N-Nitrosodimethylamine	2.971	74	1527	1.45	ng	83
5) Benzaldehyde	5.407	77	3257	3.24	ng	84
6) Aniline	5.503	93	3578m	1.38	ng	
7) Pentachloroethane	5.546	117	1353	2.38	ng	65
8) bis(2-Chloroethyl)ether	5.562	93	3934	2.43	ng	78
10) Phenol	5.482	94	4935	2.02	ng	85
11) 2-Chlorophenol	5.605	128	4079	2.19	ng	75
12) N-Decane	5.653	57	3498	2.40	ng	71
13) 1,3-Dichlorobenzene	5.738	146	4944	2.41	ng	96
14) 1,4-Dichlorobenzene	5.803	146	4684	2.27	ng	97
15) 1,2-Dichlorobenzene	5.925	146	4471	2.36	ng	95
16) Benzyl alcohol	5.904	108	2274	1.93	ng	84
17) bis(2-chloroisopropyl)...	6.016	45	3998	2.51	ng	86
18) 2-Methylphenol	5.995	108	3364	2.11	ng	88
19) Acetophenone	6.118	105	6184	2.37	ng	76
20) Hexachloroethane	6.203	117	1790	2.45	ng	76
21) N-Nitroso-di-n-propyla...	6.118	70	2872	2.51	ng	64
22) 3&4-Methylphenol	6.118	108	3573	2.23	ng	94
25) Nitrobenzene	6.257	77	4119	2.34	ng	88
26) Isophorone	6.444	82	7076	2.09	ng	87
27) 2-Nitrophenol	6.508	139	1847	1.90	ng	91
28) 2,4-Dimethylphenol	6.534	107	3870	2.11	ng	96
29) Benzoic Acid	6.572	105	242	0.25	ng	83
30) bis(2-Chloroethoxy)met...	6.609	93	4521	2.36	ng	96
31) 2,4-Dichlorophenol	6.689	162	3199	2.03	ng	88
32) 1,2,4-Trichlorobenzene	6.759	180	4526	2.39	ng	93
33) Naphthalene	6.823	128	12487	2.39	ng	99
34) 4-Chloroaniline	6.855	127	2910	1.62	ng	98
35) Hexachlorobutadiene	6.908	225	2650	2.26	ng	93
36) Caprolactam	7.106	113	1003	1.71	ng	66
37) 4-Chloro-3-methylphenol	7.218	107	3060	1.91	ng	76
38) 2-Methylnaphthalene	7.357	142	8238	2.23	ng	93
39) Methylnaphthalenes (To...	7.357	142	8238	2.23	ng	93
40) 1,1'-Biphenyl	7.731	154	11220	2.45	ng	89
42) 1,2,4,5-Tetrachloroben...	7.485	216	5018	2.42	ng	98
43) Hexachlorocyclopentadiene	7.480	237	1547	1.35	ng	99
44) 2,4,6-Trichlorophenol	7.576	196	2288	1.97	ng	95
45) 2,4,5-Trichlorophenol	7.603	196	2444	1.96	ng	93
47) 2-Chloronaphthalene	7.752	162	8133	2.37	ng	93
48) 1,4-Dimethylnaphthalene	8.030	156	6931	2.57	ng	92
49) Dimethylnaphthalenes (...	8.030	156	6931	2.57	ng	92
50) Diphenyl Ether	7.817	170	6416	2.40	ng	75
51) 2-Nitroaniline	7.827	65	2295	2.13	ng	67
52) Acenaphthylene	8.110	152	12287	2.33	ng	98
53) Dimethylphthalate	7.977	163	9248	2.26	ng	98
54) 2,6-Dinitrotoluene	8.030	165	1746	1.91	ng	80
55) Acenaphthene	8.260	153	8093	2.34	ng	97
56) 3-Nitroaniline	8.180	138	1554	1.83	ng	76
57) 2,4-Dinitrophenol	0.000		0	N.D.		
58) Dibenzofuran	8.415	168	11686	2.36	ng	91
59) 2,4-Dinitrotoluene	8.388	165	2052	1.61	ng	69

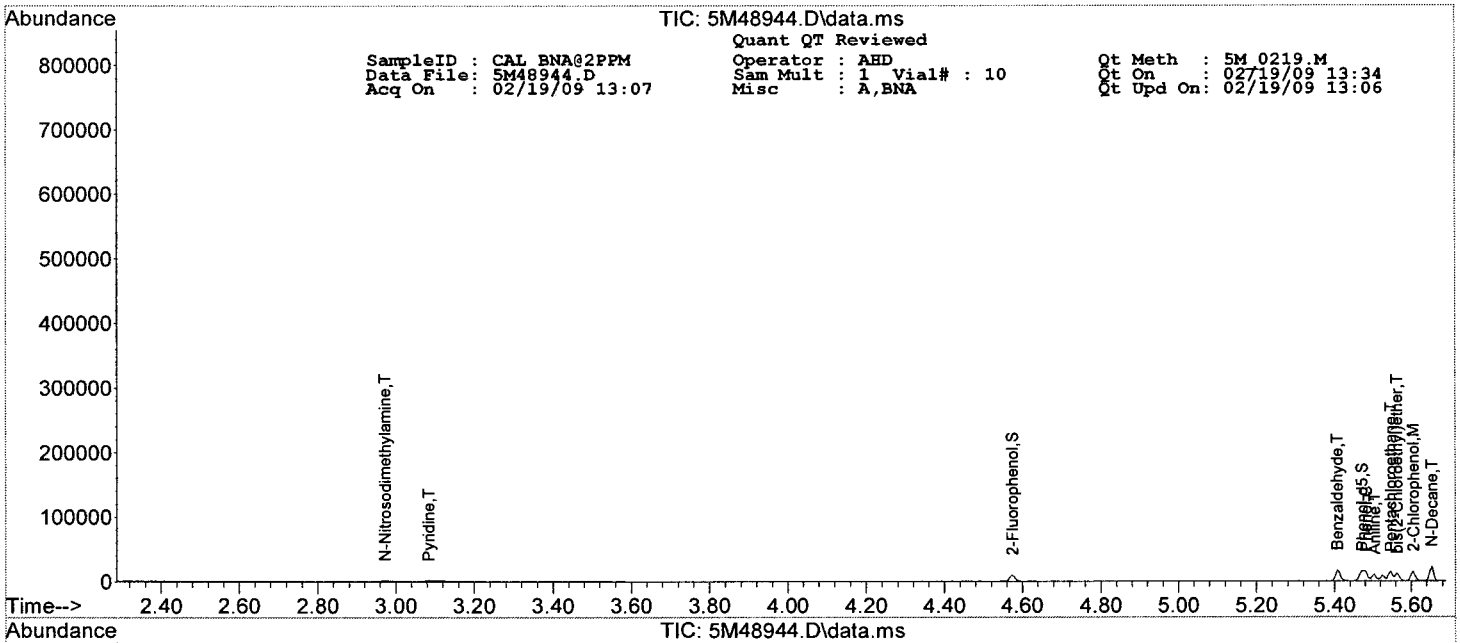
Quantitation Report (QT Reviewed)

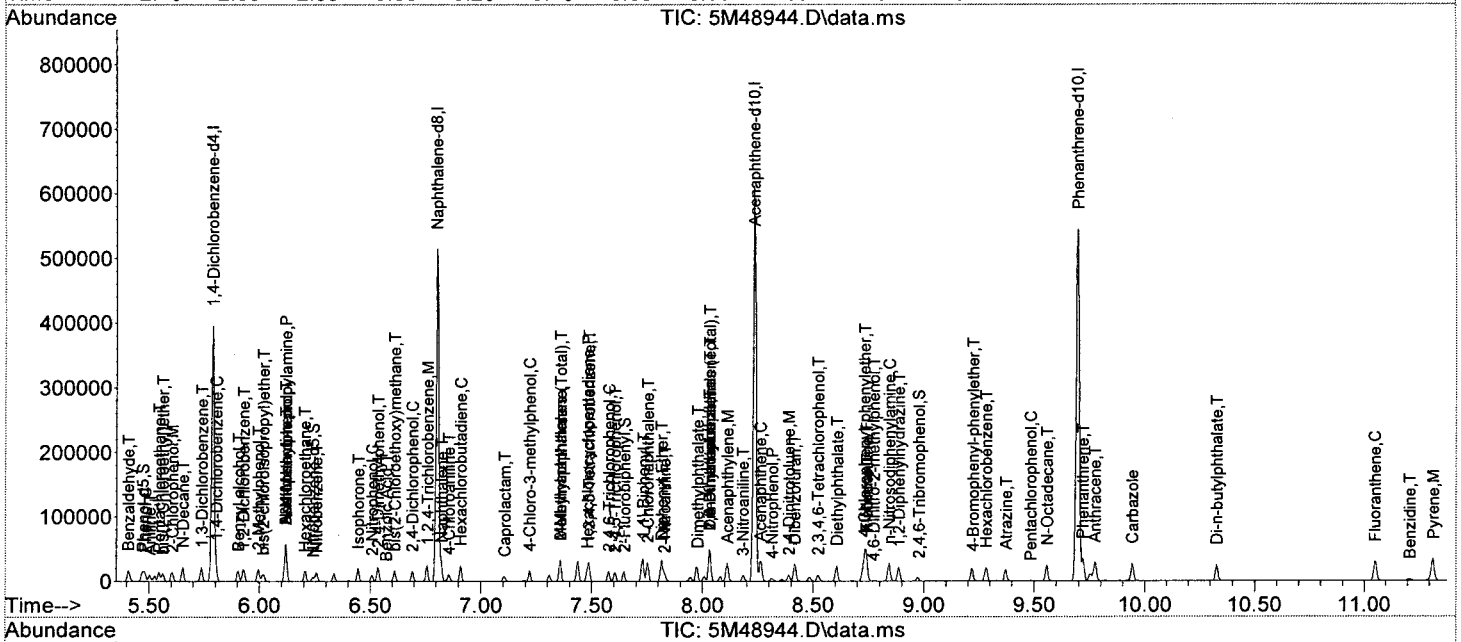
SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48944.D Sam Mult : 1 Vial# : 10 Qt On : 02/19/09 13:34
Acq On : 02/19/09 13:07 Misc : A,BNA Qt Upd On: 02/19/09 13:06

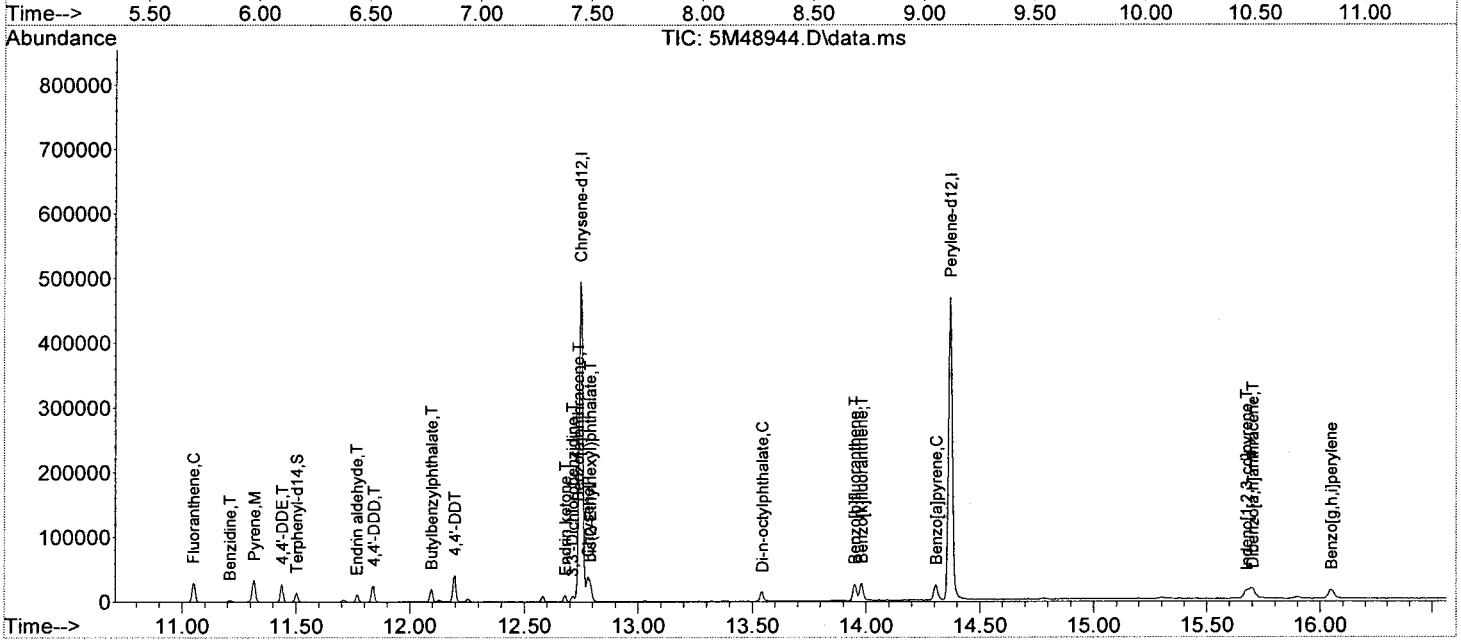
Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.313	65	725	1.22	ng	71
61) 2,3,4,6-Tetrachlorophenol	8.522	232	1716	1.52	ng	80
62) Fluorene	8.741	166	9417	2.31	ng	98
63) 4-Chlorophenyl-phenyle...	8.730	204	4972	2.24	ng	86
64) Diethylphthalate	8.607	149	8381	2.10	ng	96
65) 4-Nitroaniline	8.741	138	1912	1.92	ng	87
66) Atrazine	9.371	200	2734	1.89	ng	91
68) 4,6-Dinitro-2-methylph...	8.773	198	255	0.39	ng	100
69) n-Nitrosodiphenylamine	8.842	169	7707	2.31	ng	97
71) 1,2-Diphenylhydrazine	8.885	77	7926	2.36	ng	74
72) 4-Bromophenyl-phenylether	9.222	248	3043	2.19	ng	77
73) Hexachlorobenzene	9.280	284	3268	2.27	ng	69
74) N-Octadecane	9.558	57	4068	2.26	ng	70
75) Pentachlorophenol	9.483	266	150	0.20	ng	66
76) Phenanthrene	9.718	178	14232	2.38	ng	98
77) Anthracene	9.772	178	13766	2.31	ng	98
78) Carbazole	9.943	167	12284	2.21	ng	98
79) Di-n-butylphthalate	10.327	149	13114	1.97	ng	97
80) Fluoranthene	11.049	202	15284	2.09	ng	82
82) Pyrene	11.316	202	16774	2.13	ng	75
83) Benzidine	11.209	184	2089	1.26	ng	83
85) 4,4'-DDE	11.439	246	4052	2.16	ng	96
86) Endrin	11.765	81	674	2.11	ng	7
87) 4,4'-DDD	11.839	235	5830	1.94	ng	92
88) Butylbenzylphthalate	12.096	149	5087	1.67	ng	67
89) Endrin aldehyde	11.765	67	345m	1.99	ng	
90) 4,4'-DDT	12.197	235	5271	1.79	ng	96
91) Endrin ketone	12.678	317	680	1.82	ng	93
92) 3,3'-Dichlorobenzidine	12.710	252	3286	1.72	ng	83
93) Benzo[a]anthracene	12.737	228	15731	2.18	ng	98
94) Chrysene	12.780	228	14821	2.26	ng	98
95) bis(2-Ethylhexyl)phtha...	12.790	149	6673	1.81	ng	96
97) Di-n-octylphthalate	13.543	149	10014	1.56	ng	99
98) Benzo[b]fluoranthene	13.949	252	12865	1.94	ng	91
99) Benzo[k]fluoranthene	13.982	252	14402	2.25	ng	92
100) Benzo[a]pyrene	14.307	252	12703	2.06	ng	87
101) Indeno[1,2,3-cd]pyrene	15.675	276	13239	1.95	ng	72
102) Dibenzo[a,h]anthracene	15.702	278	11593	2.09	ng	83
103) Benzo[g,h,i]perylene	16.049	276	11991	2.18	ng	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M48944.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@2PPM
Data File: 5M48944.D
Acq On : 02/19/09 13:07
Operator : AHD
Sam Mult : 1 Vial# : 10
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 13:34
Qt Upd On: 02/19/09 13:06
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 5M48944.D\data.ms
Benzaldehyde,T
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Caprolactam,T
4-Chloro-3-methylphenol,C
Hexachlorobutadiene,C
Diethylphthalate,T
Atrazine,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->


Abundance
TIC: 5M48944.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Chrysene-d12,I
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48945.D Sam Mult : 1 Vial# : 9 Qt On : 02/19/09 14:13
Acq On : 02/19/09 13:57 Misc : A,BNA Qt Upd On: 02/19/09 13:47

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.792	152	73106	40.00	ng	0.00
23) Naphthalene-d8	6.807	136	269957	40.00	ng	0.00
41) Acenaphthene-d10	8.239	164	158336	40.00	ng	0.00
67) Phenanthrene-d10	9.697	188	285451	40.00	ng	0.00
81) Chrysene-d12	12.753	240	292507	40.00	ng	0.00
96) Perylene-d12	14.377	264	291011	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.574	112	21631	9.04	ng	0.00
Spiked Amount 100.000			Recovery = 9.04%			
9) Phenol-d5	5.471	99	29646	9.65	ng	0.00
Spiked Amount 100.000			Recovery = 9.65%			
24) Nitrobenzene-d5	6.241	128	5771	4.93	ng	0.00
Spiked Amount 50.000			Recovery = 9.86%			
46) 2-Fluorobiphenyl	7.646	172	28931	5.30	ng	0.00
Spiked Amount 50.000			Recovery = 10.60%			
70) 2,4,6-Tribromophenol	8.976	330	8271	9.59	ng	0.00
Spiked Amount 100.000			Recovery = 9.59%			
84) Terphenyl-d14	11.508	244	41625	5.04	ng	0.00
Spiked Amount 50.000			Recovery = 10.08%			
Target Compounds						Qvalue
2) Pyridine	3.025	79	20452	8.94	ng	69
3) N-Nitrosodimethylamine	2.950	74	12092	9.11	ng	80
5) Benzaldehyde	5.407	77	19820	14.10	ng	75
6) Aniline	5.503	93	34247	10.55	ng	43
7) Pentachloroethane	5.546	117	7564	9.95	ng	65
8) bis(2-Chloroethyl)ether	5.568	93	23198	10.66	ng	75
10) Phenol	5.482	94	32499	10.15	ng	91
11) 2-Chlorophenol	5.605	128	24219	9.85	ng	79
12) N-Decane	5.653	57	21570	11.04	ng	81
13) 1,3-Dichlorobenzene	5.738	146	27858	10.15	ng	99
14) 1,4-Dichlorobenzene	5.803	146	28488	10.38	ng	98
15) 1,2-Dichlorobenzene	5.931	146	26012	10.27	ng	97
16) Benzyl alcohol	5.904	108	15769	10.34	ng	77
17) bis(2-chloroisopropyl)...	6.016	45	22928	10.69	ng	85
18) 2-Methylphenol	5.995	108	21007	10.02	ng	100
19) Acetophenone	6.123	105	36638	10.54	ng	70
20) Hexachloroethane	6.209	117	9763	10.01	ng	48
21) N-Nitroso-di-n-propyla...	6.123	70	16403	10.64	ng	65
22) 3&4-Methylphenol	6.123	108	22283	10.53	ng	100
25) Nitrobenzene	6.257	77	24181	10.46	ng	80
26) Isophorone	6.444	82	45160	10.31	ng	89
27) 2-Nitrophenol	6.508	139	11743	9.43	ng	95
28) 2,4-Dimethylphenol	6.540	107	24159	10.12	ng	95
29) Benzoic Acid	6.588	105	5778	5.23	ng	80
30) bis(2-Chloroethoxy)met...	6.615	93	26642	10.52	ng	96
31) 2,4-Dichlorophenol	6.695	162	20526	10.08	ng	84
32) 1,2,4-Trichlorobenzene	6.759	180	25426	10.17	ng	95
33) Naphthalene	6.823	128	71014	10.31	ng	100
34) 4-Chloroaniline	6.860	127	25409	11.27	ng	97
35) Hexachlorobutadiene	6.908	225	15484	10.11	ng	95
36) Caprolactam	7.117	113	7534	10.15	ng	61
37) 4-Chloro-3-methylphenol	7.224	107	20770	10.10	ng	82
38) 2-Methylnaphthalene	7.357	142	50628	10.49	ng	98
39) Methylnaphthalenes (To...	7.357	142	50628	10.49	ng	98
40) 1,1'-Biphenyl	7.731	154	63613	10.50	ng	93
42) 1,2,4,5-Tetrachloroben...	7.491	216	28968	10.72	ng	98
43) Hexachlorocyclopentadiene	7.480	237	12430	8.93	ng	97
44) 2,4,6-Trichlorophenol	7.576	196	14752	10.03	ng	99
45) 2,4,5-Trichlorophenol	7.608	196	15824	10.04	ng	97
47) 2-Chloronaphthalene	7.753	162	47734	10.72	ng	93
48) 1,4-Dimethylnaphthalene	8.036	156	38121	10.75	ng	88
49) Dimethylnaphthalenes (...	8.036	156	38121	10.75	ng	88
50) Diphenyl Ether	7.817	170	36897	10.60	ng	82
51) 2-Nitroaniline	7.833	65	14662	10.66	ng	52
52) Acenaphthylene	8.110	152	73307	10.75	ng	98
53) Dimethylphthalate	7.977	163	55902	10.59	ng	99
54) 2,6-Dinitrotoluene	8.036	165	12071	10.47	ng	67
55) Acenaphthene	8.265	153	47061	10.49	ng	96
56) 3-Nitroaniline	8.185	138	11214	10.45	ng	77
57) 2,4-Dinitrophenol	8.281	184	2486	4.63	ng	64
58) Dibenzofuran	8.420	168	68036	10.60	ng	88
59) 2,4-Dinitrotoluene	8.394	165	15873	10.07	ng	58

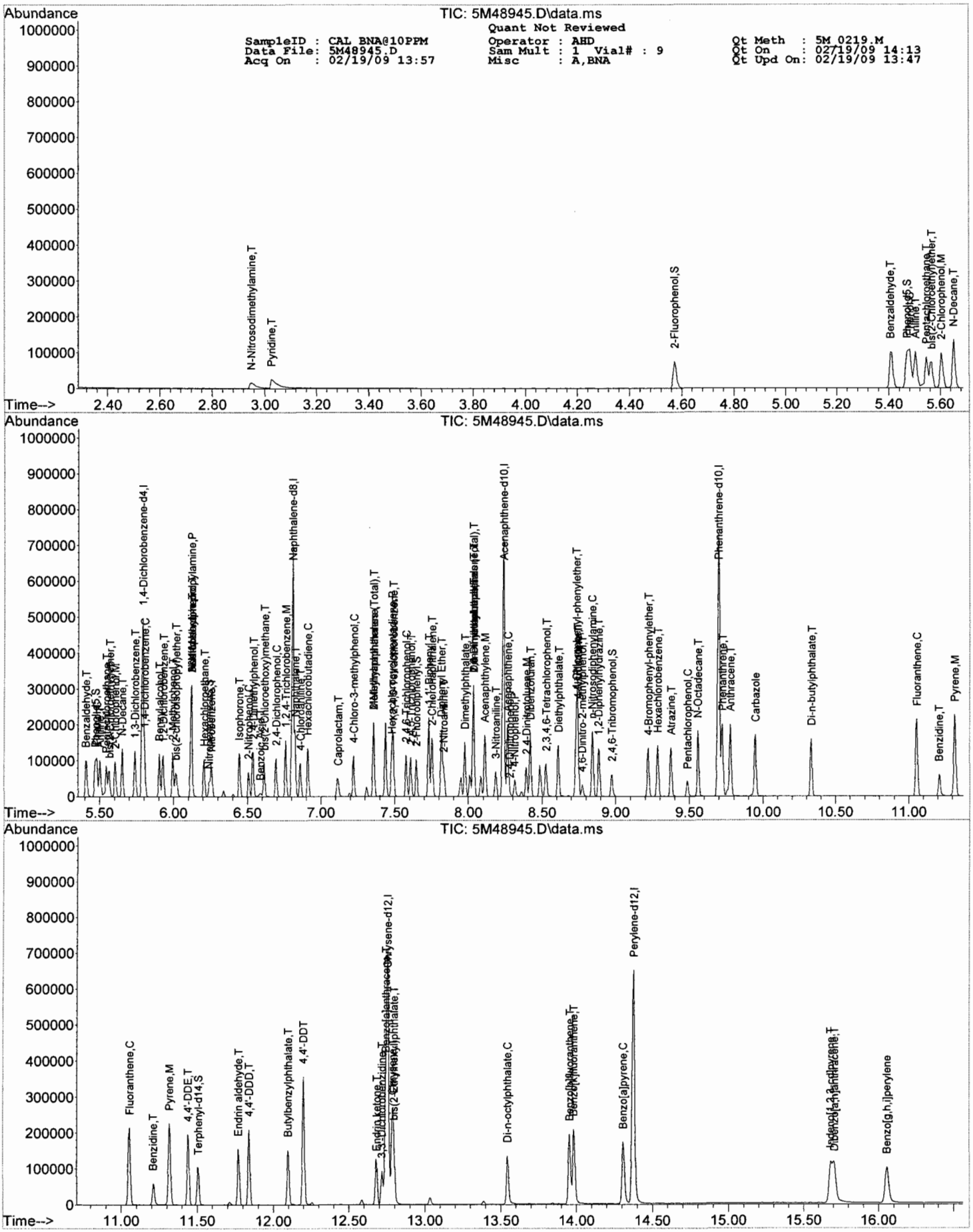
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48945.D Sam Mult : 1 Vial# : 9 Qt On : 02/19/09 14:13
Acq On : 02/19/09 13:57 Misc : A,BNA Qt Upd On: 02/19/09 13:47

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.313	65	6772	9.50	ng	74
61) 2,3,4,6-Tetrachlorophenol	8.527	232	13907	10.03	ng	82
62) Fluorene	8.741	166	57035	10.84	ng	99
63) 4-Chlorophenyl-phenyle...	8.735	204	29860	10.48	ng	82
64) Diethylphthalate	8.613	149	53644	10.55	ng	93
65) 4-Nitroaniline	8.746	138	13004	10.37	ng	82
66) Atrazine	9.377	200	18975	10.47	ng	97
68) 4,6-Dinitro-2-methylph...	8.773	198	5991	7.64	ng	100
69) n-Nitrosodiphenylamine	8.842	169	48080	10.65	ng	97
71) 1,2-Diphenylhydrazine	8.885	77	49753	10.89	ng	81
72) 4-Bromophenyl-phenylether	9.222	248	19085	10.22	ng	80
73) Hexachlorobenzene	9.286	284	20034	10.27	ng	64
74) N-Octadecane	9.558	57	27181	11.11	ng	76
75) Pentachlorophenol	9.489	266	6525	7.29	ng	93
76) Phenanthrene	9.724	178	84055	10.35	ng	99
77) Anthracene	9.777	178	84962	10.54	ng	99
78) Carbazole	9.948	167	78924	10.56	ng	97
79) Di-n-butylphthalate	10.333	149	88730	10.08	ng	97
80) Fluoranthene	11.054	202	101941	10.41	ng	82
82) Pyrene	11.316	202	109066	10.19	ng	80
83) Benzidine	11.209	184	28865	13.73	ng	83
85) 4,4'-DDE	11.439	246	25817	10.09	ng	96
86) Endrin	11.770	81	4400	10.13	ng	1
87) 4,4'-DDD	11.839	235	41564	10.29	ng	97
88) Butylbenzylphthalate	12.096	149	39357	9.84	ng	70
89) Endrin aldehyde	11.770	67	2300	9.90	ng	87
90) 4,4'-DDT	12.197	235	39884	10.17	ng	96
91) Endrin ketone	12.683	317	4841	9.72	ng	97
92) 3,3'-Dichlorobenzidine	12.715	252	24253	9.59	ng	93
93) Benzo[a]anthracene	12.742	228	99550	10.11	ng	100
94) Chrysene	12.785	228	92942	10.34	ng	98
95) bis(2-Ethylhexyl)phtha...	12.796	149	48615	9.91	ng	91
97) Di-n-octylphthalate	13.544	149	80576	9.32	ng	100
98) Benzo[b]fluoranthene	13.955	252	92512	10.05	ng	91
99) Benzo[k]fluoranthene	13.982	252	92901	10.29	ng	90
100) Benzo[a]pyrene	14.307	252	84529	9.81	ng	89
101) Indeno[1,2,3-cd]pyrene	15.680	276	92204	9.78	ng	68
102) Dibenzo[a,h]anthracene	15.707	278	76272	9.78	ng	83
103) Benzo[g,h,i]perylene	16.054	276	77031	9.91	ng	76

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M48945.D\data.ms
Quant Not Reviewed
SampleID : CAL BNA@10PPM
Data File: 5M48945.D
Acq On : 02/19/09 13:57
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 14:13
Qt Upd On: 02/19/09 13:47
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->
Abundance
TIC: 5M48945.D\data.ms
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Caprolactam,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->
Abundance
TIC: 5M48945.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Perylene-d12,I
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48942.D Sam Mult : 1 Vial# : 8 Qt On : 02/19/09 12:40
Acq On : 02/19/09 12:22 Misc : A,BNA Qt Upd On: 02/19/09 12:22

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.786	152	53036	40.00	ng	0.00
23) Naphthalene-d8	6.801	136	193759	40.00	ng	0.00
41) Acenaphthene-d10	8.233	164	113665	40.00	ng	0.00
67) Phenanthrene-d10	9.697	188	201375	40.00	ng	0.00
81) Chrysene-d12	12.753	240	209869	40.00	ng	0.00
96) Perylene-d12	14.371	264	213891	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.574	112	31069	16.93	ng	0.00
Spiked Amount 100.000			Recovery = 16.93%			
9) Phenol-d5	5.471	99	42078	18.43	ng	0.00
Spiked Amount 100.000			Recovery = 18.43%			
24) Nitrobenzene-d5	6.241	128	7825	9.30	ng	0.00
Spiked Amount 50.000			Recovery = 18.60%			
46) 2-Fluorobiphenyl	7.646	172	38575	10.25	ng	0.00
Spiked Amount 50.000			Recovery = 20.50%			
70) 2,4,6-Tribromophenol	8.970	330	11963	18.73	ng	0.00
Spiked Amount 100.000			Recovery = 18.73%			
84) Terphenyl-d14	11.503	244	55474	9.32	ng	0.00
Spiked Amount 50.000			Recovery = 18.64%			
Target Compounds						Qvalue
2) Pyridine	3.014	79	29688	16.45	ng	71
3) N-Nitrosodimethylamine	2.939	74	17556	16.92	ng	76
5) Benzaldehyde	5.407	77	27795	36.69	ng	75
6) Aniline	5.503	93	48363	19.75	ng	41
7) Pentachloroethane	5.546	117	10371	19.23	ng	61
8) bis(2-Chloroethyl)ether	5.562	93	30337	19.96	ng	80
10) Phenol	5.482	94	44811	19.26	ng	88
11) 2-Chlorophenol	5.605	128	33625	19.01	ng	77
12) N-Decane	5.653	57	29448	22.07	ng	78
13) 1,3-Dichlorobenzene	5.738	146	39021	20.30	ng	99
14) 1,4-Dichlorobenzene	5.803	146	39042	20.13	ng	99
15) 1,2-Dichlorobenzene	5.925	146	35431	19.85	ng	98
16) Benzyl alcohol	5.904	108	21472	19.30	ng	74
17) bis(2-chloroisopropyl)...	6.016	45	31692	21.80	ng	89
18) 2-Methylphenol	5.995	108	29214	19.32	ng	98
19) Acetophenone	6.118	105	49291	20.39	ng	73
20) Hexachloroethane	6.203	117	13597	19.81	ng	72
21) N-Nitroso-di-n-propyla...	6.118	70	22024	20.86	ng	67
22) 3&4-Methylphenol	6.118	108	30211	20.26	ng	95
25) Nitrobenzene	6.257	77	32660	20.44	ng	78
26) Isophorone	6.444	82	60816	19.59	ng	85
27) 2-Nitrophenol	6.508	139	16890	18.49	ng	88
28) 2,4-Dimethylphenol	6.534	107	33729	19.95	ng	99
29) Benzoic Acid	6.593	105	12048	11.64	ng	87
30) bis(2-Chloroethoxy)met...	6.609	93	35621	20.39	ng	97
31) 2,4-Dichlorophenol	6.689	162	28158	19.30	ng	88
32) 1,2,4-Trichlorobenzene	6.759	180	34841	20.12	ng	97
33) Naphthalene	6.823	128	97370	20.43	ng	100
34) 4-Chloroaniline	6.855	127	37759	23.91	ng	99
35) Hexachlorobutadiene	6.908	225	21250	19.68	ng	95
36) Caprolactam	7.117	113	10587	19.58	ng	65
37) 4-Chloro-3-methylphenol	7.224	107	28571	19.23	ng	83
38) 2-Methylnaphthalene	7.357	142	68098	20.21	ng	98
39) Methylnaphthalenes (To...	7.357	142	68098	20.21	ng	98
40) 1,1'-Biphenyl	7.731	154	84827	20.38	ng	91
42) 1,2,4,5-Tetrachloroben...	7.485	216	38802	20.97	ng	98
43) Hexachlorocyclopentadiene	7.480	237	18768	17.28	ng	98
44) 2,4,6-Trichlorophenol	7.576	196	20459	19.26	ng	94
45) 2,4,5-Trichlorophenol	7.608	196	22471	19.91	ng	93
47) 2-Chloronaphthalene	7.752	162	63837	20.84	ng	92
48) 1,4-Dimethylnaphthalene	8.036	156	50814	21.21	ng	89
49) Dimethylnaphthalenes (...	8.036	156	50814	21.21	ng	89
50) Diphenyl Ether	7.817	170	49130	20.52	ng	78
51) 2-Nitroaniline	7.833	65	20273	21.12	ng	46
52) Acenaphthylene	8.110	152	98885	21.05	ng	99
53) Dimethylphthalate	7.977	163	75294	20.49	ng	98
54) 2,6-Dinitrotoluene	8.036	165	16939	20.78	ng	63
55) Acenaphthene	8.265	153	63231	20.27	ng	95
56) 3-Nitroaniline	8.185	138	16684	22.00	ng	75
57) 2,4-Dinitrophenol	8.276	184	5007	11.14	ng	80
58) Dibenzofuran	8.420	168	90877	20.50	ng	87
59) 2,4-Dinitrotoluene	8.393	165	22778	19.50	ng	57

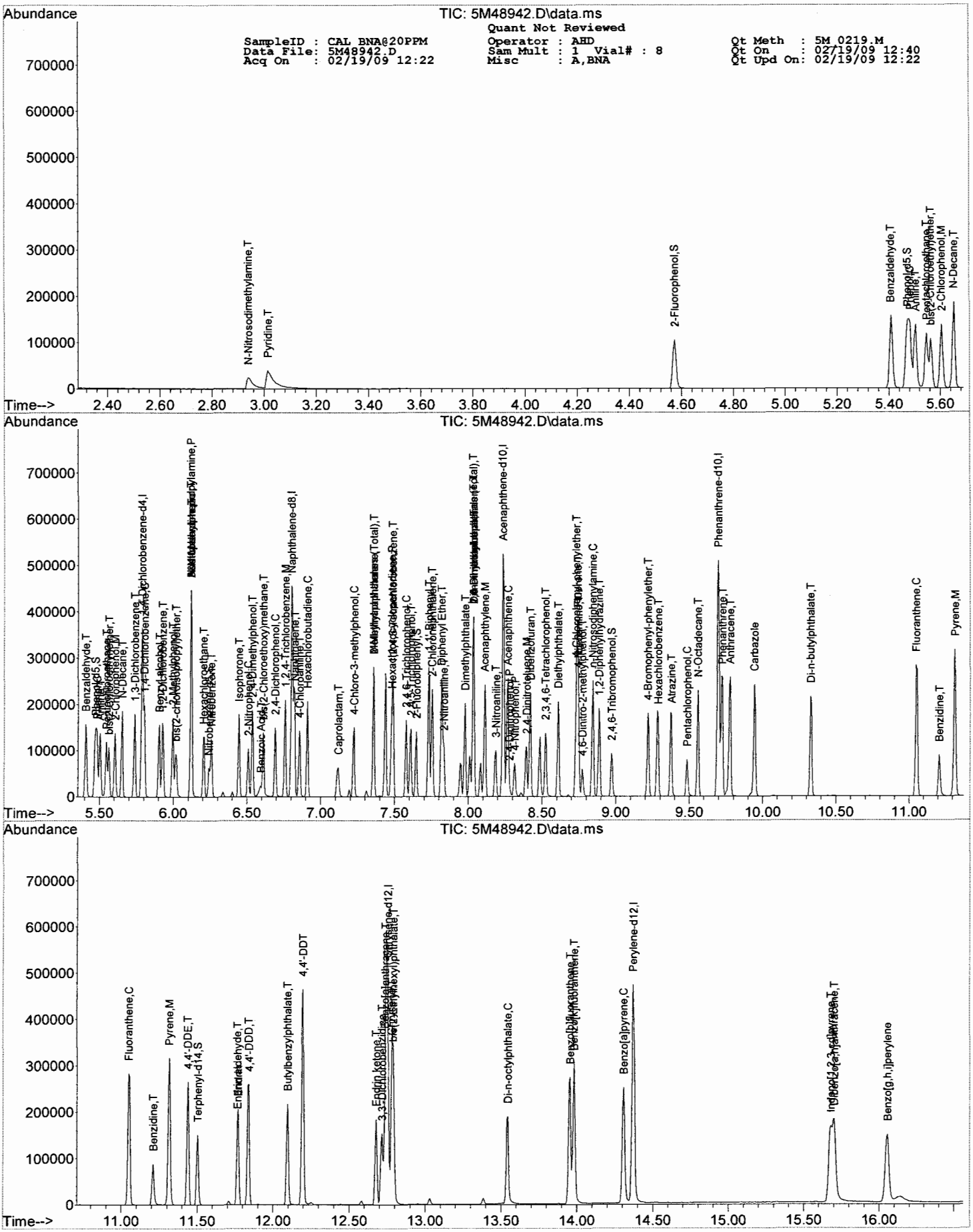
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48942.D Sam Mult : 1 Vial# : 8 Qt On : 02/19/09 12:40
Acq On : 02/19/09 12:22 Misc : A,BNA Qt Upd On: 02/19/09 12:22

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.313	65	10312	18.83	ng	77
61) 2,3,4,6-Tetrachlorophenol	8.522	232	19860	19.18	ng	82
62) Fluorene	8.741	166	76171	20.99	ng	100
63) 4-Chlorophenyl-phenyle...	8.730	204	40364	20.19	ng	84
64) Diethylphthalate	8.607	149	71840	19.96	ng	96
65) 4-Nitroaniline	8.746	138	17963	19.90	ng	83
66) Atrazine	9.376	200	25655	19.66	ng	95
68) 4,6-Dinitro-2-methylph...	8.773	198	9852	14.68	ng	100
69) n-Nitrosodiphenylamine	8.842	169	63607	20.79	ng	100
71) 1,2-Diphenylhydrazine	8.885	77	65706	21.53	ng	77
72) 4-Bromophenyl-phenylether	9.216	248	25672	19.81	ng	84
73) Hexachlorobenzene	9.286	284	27002	20.24	ng	60
74) N-Octadecane	9.558	57	35908	22.01	ng	77
75) Pentachlorophenol	9.483	266	11000	14.09	ng	99
76) Phenanthrene	9.724	178	114747	20.83	ng	99
77) Anthracene	9.777	178	114538	20.91	ng	100
78) Carbazole	9.943	167	106243	20.72	ng	98
79) Di-n-butylphthalate	10.327	149	119323	19.14	ng	98
80) Fluoranthene	11.049	202	137924	20.32	ng	82
82) Pyrene	11.316	202	146591	19.19	ng	77
83) Benzidine	11.209	184	40432	28.54	ng	81
85) 4,4'-DDE	11.439	246	34920	19.16	ng	95
86) Endrin	11.770	81	5771	18.44	ng	1
87) 4,4'-DDD	11.839	235	55702	19.01	ng	97
88) Butylbenzylphthalate	12.096	149	53680	17.89	ng	68
89) Endrin aldehyde	11.764	67	3263	19.53	ng	87
90) 4,4'-DDT	12.197	235	52739	18.17	ng	97
91) Endrin ketone	12.678	317	6539	17.61	ng	97
92) 3,3'-Dichlorobenzidine	12.715	252	38813	21.04	ng	94
93) Benzo[a]anthracene	12.737	228	138796	19.93	ng	100
94) Chrysene	12.779	228	127988	20.28	ng	98
95) bis(2-Ethylhexyl)phtha...	12.790	149	67096	18.52	ng	90
97) Di-n-octylphthalate	13.543	149	115356	17.04	ng	100
98) Benzo[b]fluoranthene	13.955	252	125475	18.09	ng	90
99) Benzo[k]fluoranthene	13.981	252	133133	20.82	ng	90
100) Benzo[a]pyrene	14.307	252	122922	19.35	ng	89
101) Indeno[1,2,3-cd]pyrene	15.680	276	136634	19.49	ng	67
102) Dibenzo[a,h]anthracene	15.702	278	116759	20.52	ng	83
103) Benzo[g,h,i]perylene	16.054	276	117032	20.83	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M48942.D\data.ms
Quant Not Reviewed
SampleID : CAL BNA@20PPM
Data File: 5M48942.D
Acq On : 02/19/09 12:22
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 12:40
Qt Upd On: 02/19/09 12:22
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->
Abundance
TIC: 5M48942.D\data.ms
Benzaldehyde,T
1,3-Dichlorobenzene-d4,I
Naphthalene-d8,I
Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthylene,M
Acenaphthene-d10,I
Phenanthrene-d10,I
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->
Abundance
TIC: 5M48942.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

Sample ID : CAL BNA@80PPM
Data File: 5M48940.D
Acq On : 02/19/09 11:37

Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA

Qt Meth : 5M_0219.M
Qt On : 02/19/09 12:19
Qt Upd On: 02/19/09 11:38

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.787	152	45414	40.00	ng	0.00
23) Naphthalene-d8	6.807	136	165830	40.00	ng	0.00
41) Acenaphthene-d10	8.239	164	101835	40.00	ng	0.00
67) Phenanthrene-d10	9.697	188	181070	40.00	ng	0.00
81) Chrysene-d12	12.758	240	172584	40.00	ng	0.00
96) Perylene-d12	14.372	264	179276	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.574	112	122925	77.55	ng	0.00
Spiked Amount 100.000			Recovery = 77.55%			
9) Phenol-d5	5.477	99	157641	80.52	ng	0.00
Spiked Amount 100.000			Recovery = 80.52%			
24) Nitrobenzene-d5	6.246	128	29418	41.00	ng	0.00
Spiked Amount 50.000			Recovery = 82.00%			
46) 2-Fluorobiphenyl	7.646	172	139749	41.81	ng	0.00
Spiked Amount 50.000			Recovery = 83.62%			
70) 2,4,6-Tribromophenol	8.976	330	46974	82.60	ng	0.00
Spiked Amount 100.000			Recovery = 82.60%			
84) Terphenyl-d14	11.508	244	198066	40.51	ng	0.00
Spiked Amount 50.000			Recovery = 81.02%			
Target Compounds						Qvalue
2) Pyridine	2.998	79	118866	75.68	ng	69
3) N-Nitrosodimethylamine	2.934	74	68035	75.30	ng	75
5) Benzaldehyde	5.407	77	59812	98.16	ng	74
6) Aniline	5.503	93	175323	84.88	ng	38
7) Pentachloroethane	5.546	117	38497	84.44	ng	66
8) bis(2-Chloroethyl)ether	5.567	93	107698	83.43	ng	77
10) Phenol	5.487	94	163783	82.45	ng	89
11) 2-Chlorophenol	5.610	128	123831	82.32	ng	75
12) N-Decane	5.653	57	97713	85.99	ng	78
13) 1,3-Dichlorobenzene	5.738	146	135537	82.99	ng	97
14) 1,4-Dichlorobenzene	5.803	146	136509	82.51	ng	97
15) 1,2-Dichlorobenzene	5.931	146	125765	82.78	ng	99
16) Benzyl alcohol	5.909	108	77150	81.03	ng	73
17) bis(2-chloroisopropyl)...	6.022	45	106525	86.41	ng	84
18) 2-Methylphenol	6.000	108	105990	82.95	ng	97
19) Acetophenone	6.123	105	169750	82.63	ng	72
20) Hexachloroethane	6.209	117	47607	81.67	ng	50
21) N-Nitroso-di-n-propyla...	6.123	70	74356	83.03	ng	66
22) 3&4-Methylphenol	6.128	108	105965	84.01	ng	100
25) Nitrobenzene	6.262	77	113073	82.38	ng	78
26) Isophorone	6.449	82	218519	82.50	ng	85
27) 2-Nitrophenol	6.508	139	64775	83.34	ng	92
28) 2,4-Dimethylphenol	6.540	107	120745	84.00	ng	99
29) Benzoic Acid	6.625	105	71597m	85.68	ng	
30) bis(2-Chloroethoxy)met...	6.615	93	122369	81.77	ng	96
31) 2,4-Dichlorophenol	6.695	162	103565	83.35	ng	87
32) 1,2,4-Trichlorobenzene	6.759	180	122752	83.24	ng	98
33) Naphthalene	6.823	128	340231	84.08	ng	99
34) 4-Chloroaniline	6.860	127	120660	92.84	ng	99
35) Hexachlorobutadiene	6.908	225	75745	82.36	ng	96
36) Caprolactam	7.154	113	40045	87.60	ng	58
37) 4-Chloro-3-methylphenol	7.229	107	105497	82.66	ng	82
38) 2-Methylnaphthalene	7.357	142	243449	85.11	ng	100
39) Methylnaphthalenes (To...	7.357	142	243449	85.11	ng	100
40) 1,1'-Biphenyl	7.731	154	299852	85.26	ng	93
42) 1,2,4,5-Tetrachloroben...	7.491	216	136341	82.69	ng	99
43) Hexachlorocyclopentadiene	7.480	237	78583	81.61	ng	99
44) 2,4,6-Trichlorophenol	7.582	196	78339	83.13	ng	97
45) 2,4,5-Trichlorophenol	7.614	196	82588	83.03	ng	96
47) 2-Chloronaphthalene	7.758	162	226888	83.43	ng	91
48) 1,4-Dimethylnaphthalene	8.036	156	178754	84.43	ng	91
49) Dimethylnaphthalenes (...	8.036	156	178754	84.43	ng	91
50) Diphenyl Ether	7.817	170	176793	83.28	ng	81
51) 2-Nitroaniline	7.838	65	71898	85.08	ng	44
52) Acenaphthylene	8.116	152	349186	83.68	ng	99
53) Dimethylphthalate	7.982	163	271646	83.38	ng	98
54) 2,6-Dinitrotoluene	8.041	165	60649	84.12	ng	62
55) Acenaphthene	8.265	153	230929	83.58	ng	95
56) 3-Nitroaniline	8.191	138	56253	84.19	ng	78
57) 2,4-Dinitrophenol	8.281	184	30908	76.68	ng	78
58) Dibenzofuran	8.426	168	332806	85.07	ng	87
59) 2,4-Dinitrotoluene	8.399	165	85939	82.81	ng	58

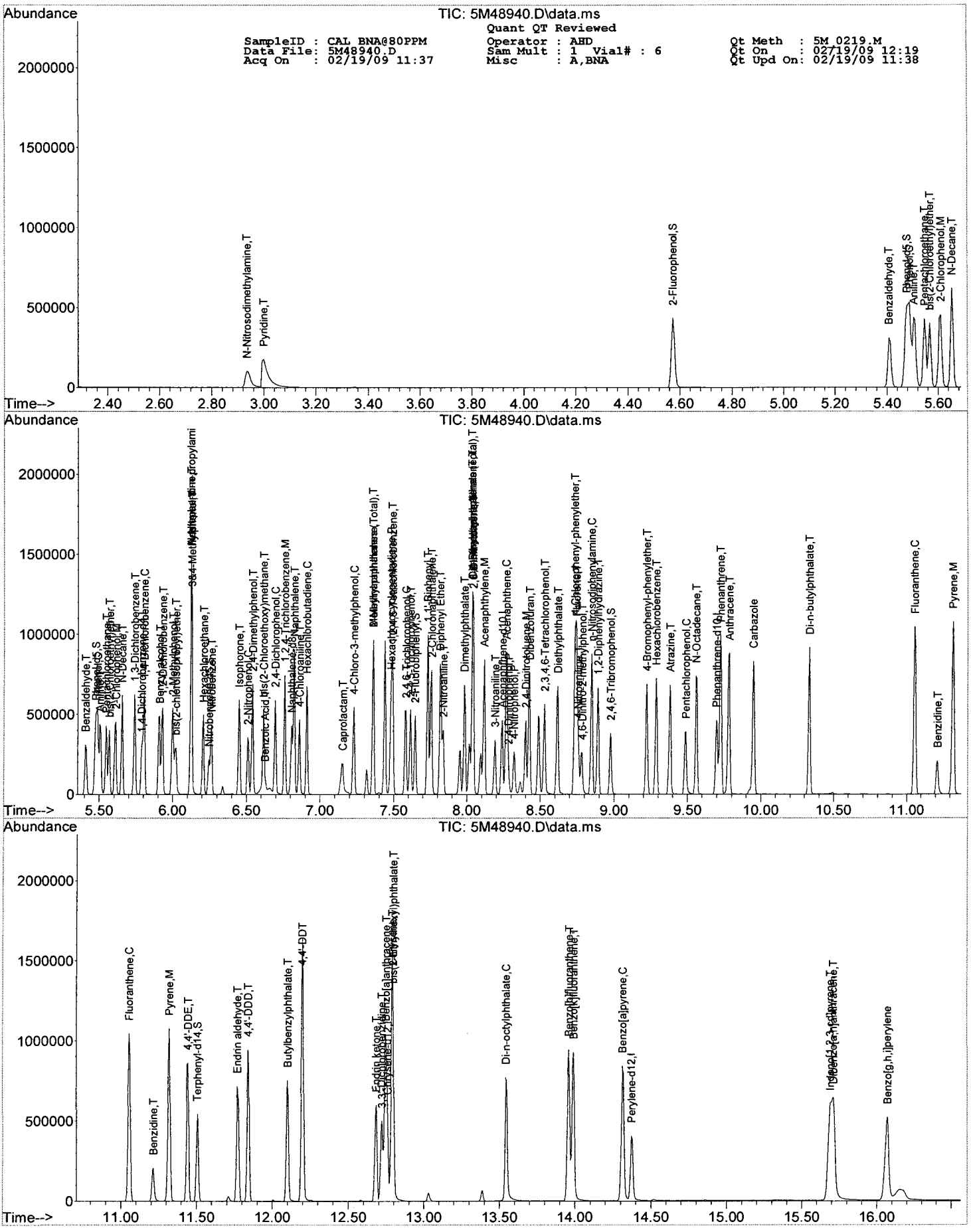
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48940.D Sam Mult : 1 Vial# : 6 Qt On : 02/19/09 12:19
Acq On : 02/19/09 11:37 Misc : A,BNA Qt Upd On: 02/19/09 11:38

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.319	65	39762	81.83	ng	67
61) 2,3,4,6-Tetrachlorophenol	8.527	232	75404	81.69	ng	83
62) Fluorene	8.746	166	269883	83.84	ng	99
63) 4-Chlorophenyl-phenyle...	8.735	204	145672	82.08	ng	82
64) Diethylphthalate	8.618	149	263313	82.48	ng	94
65) 4-Nitroaniline	8.757	138	66099	81.59	ng	85
66) Atrazine	9.382	200	94766	81.98	ng	95
68) 4,6-Dinitro-2-methylph...	8.784	198	48187	79.56	ng	100
69) n-Nitrosodiphenylamine	8.848	169	229823	84.43	ng	99
71) 1,2-Diphenylhydrazine	8.890	77	231826	85.74	ng	75
72) 4-Bromophenyl-phenylether	9.222	248	96592	83.57	ng	82
73) Hexachlorobenzene	9.286	284	100683	84.30	ng	62
74) N-Octadecane	9.558	57	127815	87.91	ng	72
75) Pentachlorophenol	9.489	266	56174	81.26	ng	97
76) Phenanthrene	9.724	178	412359	83.97	ng	99
77) Anthracene	9.783	178	414620	85.26	ng	100
78) Carbazole	9.948	167	382960	83.57	ng	98
79) Di-n-butylphthalate	10.333	149	473017	85.78	ng	97
80) Fluoranthene	11.054	202	505874	83.53	ng	82
82) Pyrene	11.321	202	518580	83.38	ng	78
83) Benzidine	11.214	184	100099	89.15	ng	79
85) 4,4'-DDE	11.444	246	122952	82.66	ng	95
86) Endrin	11.770	81	21057	81.86	ng	1
87) 4,4'-DDD	11.839	235	197082	82.37	ng	96
88) Butylbenzylphthalate	12.101	149	200571	81.71	ng	66
89) Endrin aldehyde	11.770	67	11111	81.10	ng	85
90) 4,4'-DDT	12.197	235	193556	81.11	ng	97
91) Endrin ketone	12.683	317	24178	79.17	ng	99
92) 3,3'-Dichlorobenzidine	12.721	252	126296	86.03	ng	94
93) Benzo[a]anthracene	12.747	228	467398	82.25	ng	100
94) Chrysene	12.790	228	416027	80.18	ng	98
95) bis(2-Ethylhexyl)phtha...	12.796	149	240122	81.53	ng	91
97) Di-n-octylphthalate	13.543	149	447706	79.68	ng	100
98) Benzo[b]fluoranthene	13.960	252	440551	75.48	ng	90
99) Benzo[k]fluoranthene	13.992	252	453616	85.48	ng	88
100) Benzo[a]pyrene	14.313	252	428121	80.99	ng	89
101) Indeno[1,2,3-cd]pyrene	15.691	276	490267	84.53	ng	66
102) Dibenzo[a,h]anthracene	15.712	278	403936	86.04	ng	83
103) Benzo[g,h,i]perylene	16.070	276	398813	86.06	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@80PPM
Data File: 5M48940.D
Acq On : 02/19/09 11:37
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 12:19
Qt Upd On: 02/19/09 11:38
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->
Abundance
TIC: 5M48940.D\data.ms
Benzaldehyde,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthylene,M
3-Nitroaniline,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->
Abundance
TIC: 5M48940.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

Sample ID : CAL BNA@120PPM
Data File: 5M48939.D
Acq On : 02/19/09 11:15

Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA

Qt Meth : 5M_0219.M
Qt On : 02/19/09 11:33
Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.792	152	53987	40.00	ng	-0.02
23) Naphthalene-d8	6.807	136	201860	40.00	ng	-0.02
41) Acenaphthene-d10	8.239	164	125939	40.00	ng	-0.02
67) Phenanthrene-d10	9.702	188	230256	40.00	ng	-0.02
81) Chrysene-d12	12.764	240	204340	40.00	ng	-0.01
96) Perylene-d12	14.377	264	203570	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.579	112	221712	124.30	ng	-0.02
Spiked Amount 100.000			Recovery = 124.30%			
9) Phenol-d5	5.482	99	274231	115.11	ng	0.00
Spiked Amount 100.000			Recovery = 115.11%			
24) Nitrobenzene-d5	6.251	128	51897	59.91	ng	-0.01
Spiked Amount 50.000			Recovery = 119.82%			
46) 2-Fluorobiphenyl	7.651	172	242632	57.73	ng	-0.02
Spiked Amount 50.000			Recovery = 115.46%			
70) 2,4,6-Tribromophenol	8.981	330	86427	137.56	ng	-0.02
Spiked Amount 100.000			Recovery = 137.56%			
84) Terphenyl-d14	11.508	244	348858	61.09	ng	-0.02
Spiked Amount 50.000			Recovery = 122.18%			
Target Compounds						Qvalue
2) Pyridine	2.993	79	217536	116.82	ng	70
3) N-Nitrosodimethylamine	2.944	74	122235	112.44	ng	73
5) Benzaldehyde	5.413	77	87983	57.78	ng	73
6) Aniline	5.509	93	296862	127.47	ng	76
7) Pentachloroethane	5.546	117	64021	116.67	ng	66
8) bis(2-Chloroethyl)ether	5.573	93	181723	107.81	ng	75
10) Phenol	5.493	94	280952	113.82	ng	92
11) 2-Chlorophenol	5.610	128	215423	118.74	ng	78
12) N-Decane	5.653	57	157014	100.00	ng	76
13) 1,3-Dichlorobenzene	5.744	146	228665	114.51	ng	96
14) 1,4-Dichlorobenzene	5.808	146	231734	113.99	ng	99
15) 1,2-Dichlorobenzene	5.931	146	213355	112.58	ng	99
16) Benzyl alcohol	5.909	108	134926	114.99	ng	78
17) bis(2-chloroisopropyl)...	6.022	45	175125	90.51	ng	82
18) 2-Methylphenol	6.000	108	182156	111.68	ng	99
19) Acetophenone	6.128	105	292115	110.22	ng	70
20) Hexachloroethane	6.209	117	82226	115.60	ng	54
21) N-Nitroso-di-n-propyla...	6.134	70	128335	106.45	ng	61
22) 3&4-Methylphenol	6.134	108	181259	111.24	ng	99
25) Nitrobenzene	6.267	77	198933	113.80	ng	75
26) Isophorone	6.454	82	386857	114.14	ng	84
27) 2-Nitrophenol	6.513	139	114306	132.04	ng	90
28) 2,4-Dimethylphenol	6.545	107	210261	119.91	ng	98
29) Benzoic Acid	6.647	105	138310m	184.83	ng	
30) bis(2-Chloroethoxy)met...	6.620	93	218380	111.71	ng	96
31) 2,4-Dichlorophenol	6.700	162	182291	122.53	ng	86
32) 1,2,4-Trichlorobenzene	6.764	180	212236	117.78	ng	96
33) Naphthalene	6.823	128	590761	114.64	ng	99
34) 4-Chloroaniline	6.860	127	203324	133.80	ng	100
35) Hexachlorobutadiene	6.914	225	133594	123.79	ng	98
36) Caprolactam	7.176	113	73834	122.55	ng	61
37) 4-Chloro-3-methylphenol	7.234	107	192007	124.47	ng	83
38) 2-Methylnaphthalene	7.362	142	425320	117.66	ng	100
39) Methylnaphthalenes (To...	7.362	142	425320	117.66	ng	100
40) 1,1'-Biphenyl	7.736	154	530169	114.99	ng	92
42) 1,2,4,5-Tetrachloroben...	7.491	216	237420	118.01	ng	98
43) Hexachlorocyclopentadiene	7.480	237	141117	143.69	ng	99
44) 2,4,6-Trichlorophenol	7.582	196	138292	128.99	ng	95
45) 2,4,5-Trichlorophenol	7.619	196	148631	126.77	ng	97
47) 2-Chloronaphthalene	7.758	162	398898	116.53	ng	93
48) 1,4-Dimethylnaphthalene	8.041	156	308618	111.90	ng	89
49) Dimethylnaphthalenes (...	8.041	156	308618	111.90	ng	89
50) Diphenyl Ether	7.822	170	308116	115.34	ng	75
51) 2-Nitroaniline	7.843	65	124903	114.28	ng	40
52) Acenaphthylene	8.121	152	607358	112.68	ng	98
53) Dimethylphthalate	7.993	163	484114	117.39	ng	98
54) 2,6-Dinitrotoluene	8.046	165	106805	118.76	ng	58
55) Acenaphthene	8.271	153	409641	116.22	ng	96
56) 3-Nitroaniline	8.196	138	99084	122.79	ng	75
57) 2,4-Dinitrophenol	8.287	184	62318	172.71	ng	75
58) Dibenzofuran	8.426	168	582016	115.13	ng	89
59) 2,4-Dinitrotoluene	8.404	165	154964	126.51	ng	61

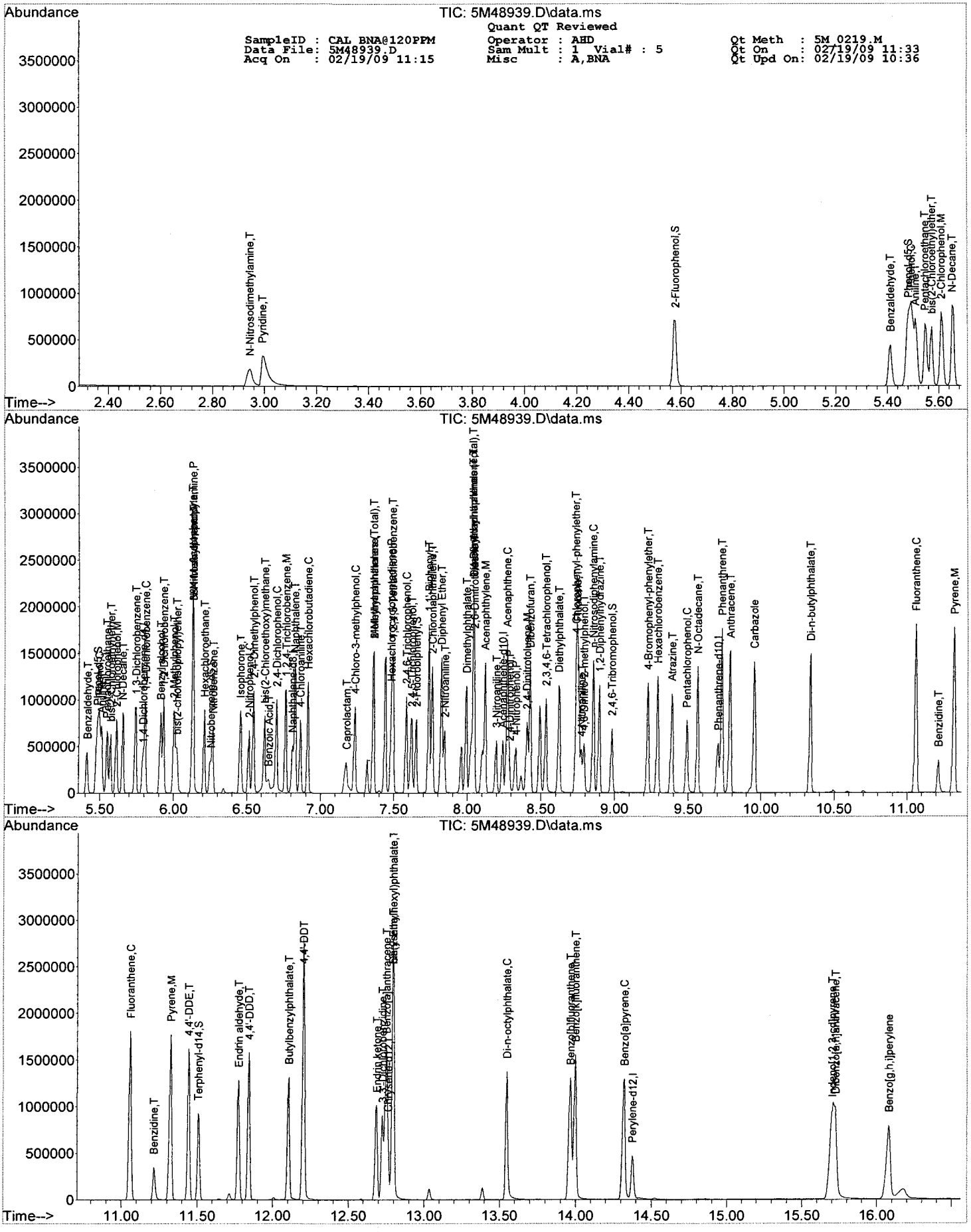
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48939.D Sam Mult : 1 Vial# : 5 Qt On : 02/19/09 11:33
Acq On : 02/19/09 11:15 Misc : A,BNA Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.329	65	73250	129.44	ng	69
61) 2,3,4,6-Tetrachlorophenol	8.532	232	136648	130.70	ng	82
62) Fluorene	8.746	166	475667	115.13	ng	99
63) 4-Chlorophenyl-phenyle...	8.735	204	260473	118.08	ng	83
64) Diethylphthalate	8.618	149	474820	119.05	ng	95
65) 4-Nitroaniline	8.773	138	117154	115.62	ng	83
66) Atrazine	9.387	200	172995	120.54	ng	96
68) 4,6-Dinitro-2-methylph...	8.789	198	92327	149.29	ng	100
69) n-Nitrosodiphenylamine	8.853	169	410613	115.46	ng	98
71) 1,2-Diphenylhydrazine	8.896	77	407645	108.89	ng	71
72) 4-Bromophenyl-phenylether	9.227	248	174117	120.54	ng	79
73) Hexachlorobenzene	9.291	284	177242	117.40	ng	62
74) N-Octadecane	9.564	57	218943	103.02	ng	68
75) Pentachlorophenol	9.489	266	107306	144.81	ng	96
76) Phenanthrene	9.729	178	739026	113.94	ng	99
77) Anthracene	9.788	178	726461	112.50	ng	99
78) Carbazole	9.954	167	683440	111.45	ng	98
79) Di-n-butylphthalate	10.338	149	837668	120.01	ng	98
80) Fluoranthene	11.059	202	886646	112.12	ng	82
82) Pyrene	11.326	202	901625	121.66	ng	78
83) Benzidine	11.214	184	154433	87.92	ng	81
85) 4,4'-DDE	11.444	246	217368	127.43	ng	94
86) Endrin	11.775	81	37239	129.78	ng	1
87) 4,4'-DDD	11.845	235	343269	126.80	ng	97
88) Butylbenzylphthalate	12.106	149	358878	129.63	ng	65
89) Endrin aldehyde	11.775	67	19922	105.42	ng	85
90) 4,4'-DDT	12.203	235	343962	134.88	ng	95
91) Endrin ketone	12.689	317	42991	127.36	ng	99
92) 3,3'-Dichlorobenzidine	12.726	252	207598	144.00	ng	94
93) Benzo[a]anthracene	12.753	228	801152	117.17	ng	100
94) Chrysene	12.796	228	718929	114.00	ng	98
95) bis(2-Ethylhexyl)phtha...	12.796	149	426358	127.79	ng	90
97) Di-n-octylphthalate	13.549	149	804260	142.58	ng	100
98) Benzo[b]fluoranthene	13.966	252	786678	126.76	ng	90
99) Benzo[k]fluoranthene	13.998	252	713420	114.14	ng	90
100) Benzo[a]pyrene	14.323	252	721459	122.96	ng	87
101) Indeno[1,2,3-cd]pyrene	15.702	276	807520	124.26	ng	68
102) Dibenzo[a,h]anthracene	15.723	278	648446	124.63	ng	82
103) Benzo[g,h,i]perylene	16.081	276	654849	120.04	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M48939.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@120PPM
Data File: 5M48939.D
Acq On : 02/19/09 11:15
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 11:33
Qt Upd On: 02/19/09 10:36
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Aniline,T
Pentachloroethane,T
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48938.D Sam Mult : 1 Vial# : 4 Qt On : 02/19/09 11:12
Acq On : 02/19/09 10:52 Misc : A,BNA Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.792	152	59951	40.00	ng	-0.02
23) Naphthalene-d8	6.812	136	224179	40.00	ng	-0.02
41) Acenaphthene-d10	8.244	164	131268	40.00	ng	-0.02
67) Phenanthrene-d10	9.708	188	229071	40.00	ng	-0.01
81) Chrysene-d12	12.774	240	219774	40.00	ng	0.00
96) Perylene-d12	14.387	264	235293	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.584	112	341336	172.33	ng	-0.01
Spiked Amount 100.000			Recovery = 172.33%			
9) Phenol-d5	5.487	99	410226	155.07	ng	0.00
Spiked Amount 100.000			Recovery = 155.07%			
24) Nitrobenzene-d5	6.257	128	76717	79.74	ng	0.00
Spiked Amount 50.000			Recovery = 159.48%			
46) 2-Fluorobiphenyl	7.656	172	340162	77.65	ng	-0.01
Spiked Amount 50.000			Recovery = 155.30%			
70) 2,4,6-Tribromophenol	8.986	330	116293	186.05	ng	-0.01
Spiked Amount 100.000			Recovery = 186.05%			
84) Terphenyl-d14	11.519	244	479974	78.15	ng	-0.01
Spiked Amount 50.000			Recovery = 156.30%			
Target Compounds						Qvalue
2) Pyridine	2.998	79	338391	163.65	ng	69
3) N-Nitrosodimethylamine	2.955	74	192785	159.69	ng	74
5) Benzaldehyde	5.412	77	105618	62.46	ng	75
6) Aniline	5.514	93	418022	161.63	ng	77
7) Pentachloroethane	5.551	117	94066	154.38	ng	65
8) bis(2-Chloroethyl)ether	5.578	93	259539	138.66	ng	75
10) Phenol	5.503	94	407928	148.83	ng	95
11) 2-Chlorophenol	5.615	128	310502	154.12	ng	77
12) N-Decane	5.658	57	220631	126.54	ng	73
13) 1,3-Dichlorobenzene	5.744	146	335235	151.18	ng	98
14) 1,4-Dichlorobenzene	5.808	146	338604	149.99	ng	97
15) 1,2-Dichlorobenzene	5.936	146	312557	148.51	ng	98
16) Benzyl alcohol	5.920	108	199097	152.80	ng	74
17) bis(2-chloroisopropyl)...	6.027	45	242623	112.92	ng	80
18) 2-Methylphenol	6.005	108	265952	146.83	ng	98
19) Acetophenone	6.134	105	423931	144.04	ng	66
20) Hexachloroethane	6.208	117	120865	153.02	ng	67
21) N-Nitroso-di-n-propyla...	6.139	70	182518	136.34	ng	61
22) 3&4-Methylphenol	6.139	108	261109	144.31	ng	97
25) Nitrobenzene	6.273	77	288766	148.74	ng	76
26) Isophorone	6.465	82	563444	149.69	ng	80
27) 2-Nitrophenol	6.518	139	166749	173.44	ng	87
28) 2,4-Dimethylphenol	6.550	107	303734	155.97	ng	98
29) Benzoic Acid	6.673	105	196287m	236.19	ng	
30) bis(2-Chloroethoxy)met...	6.625	93	316327	145.70	ng	96
31) 2,4-Dichlorophenol	6.705	162	264219	159.91	ng	87
32) 1,2,4-Trichlorobenzene	6.764	180	313504	156.65	ng	98
33) Naphthalene	6.828	128	855662	149.52	ng	99
34) 4-Chloroaniline	6.866	127	251951	149.29	ng	99
35) Hexachlorobutadiene	6.914	225	193616	161.55	ng	97
36) Caprolactam	7.197	113	86998	130.03	ng	55
37) 4-Chloro-3-methylphenol	7.240	107	264825	154.59	ng	85
38) 2-Methylnaphthalene	7.368	142	592108	147.49	ng	99
39) Methylnaphthalenes (To...	7.368	142	592108	147.49	ng	99
40) 1,1'-Biphenyl	7.742	154	719810	140.58	ng	92
42) 1,2,4,5-Tetrachloroben...	7.496	216	334711	159.62	ng	98
43) Hexachlorocyclopentadiene	7.485	237	205744	200.99	ng	98
44) 2,4,6-Trichlorophenol	7.587	196	192949	172.67	ng	95
45) 2,4,5-Trichlorophenol	7.624	196	200948	164.43	ng	95
47) 2-Chloronaphthalene	7.763	162	547647	153.48	ng	94
48) 1,4-Dimethylnaphthalene	8.046	156	421852	146.74	ng	89
49) Dimethylnaphthalenes (...	8.046	156	421852	146.74	ng	89
50) Diphenyl Ether	7.827	170	430942	154.77	ng	75
51) 2-Nitroaniline	7.849	65	165894	145.62	ng	44
52) Acenaphthylene	8.126	152	832193	148.13	ng	99
53) Dimethylphthalate	7.998	163	642839	149.55	ng	98
54) 2,6-Dinitrotoluene	8.052	165	141857	151.33	ng	60
55) Acenaphthene	8.276	153	554193	150.85	ng	95
56) 3-Nitroaniline	8.206	138	127684	151.81	ng	73
57) 2,4-Dinitrophenol	8.297	184	86128	229.01	ng	72
58) Dibenzofuran	8.431	168	760611	144.35	ng	89
59) 2,4-Dinitrotoluene	8.415	165	206276	161.56	ng	58

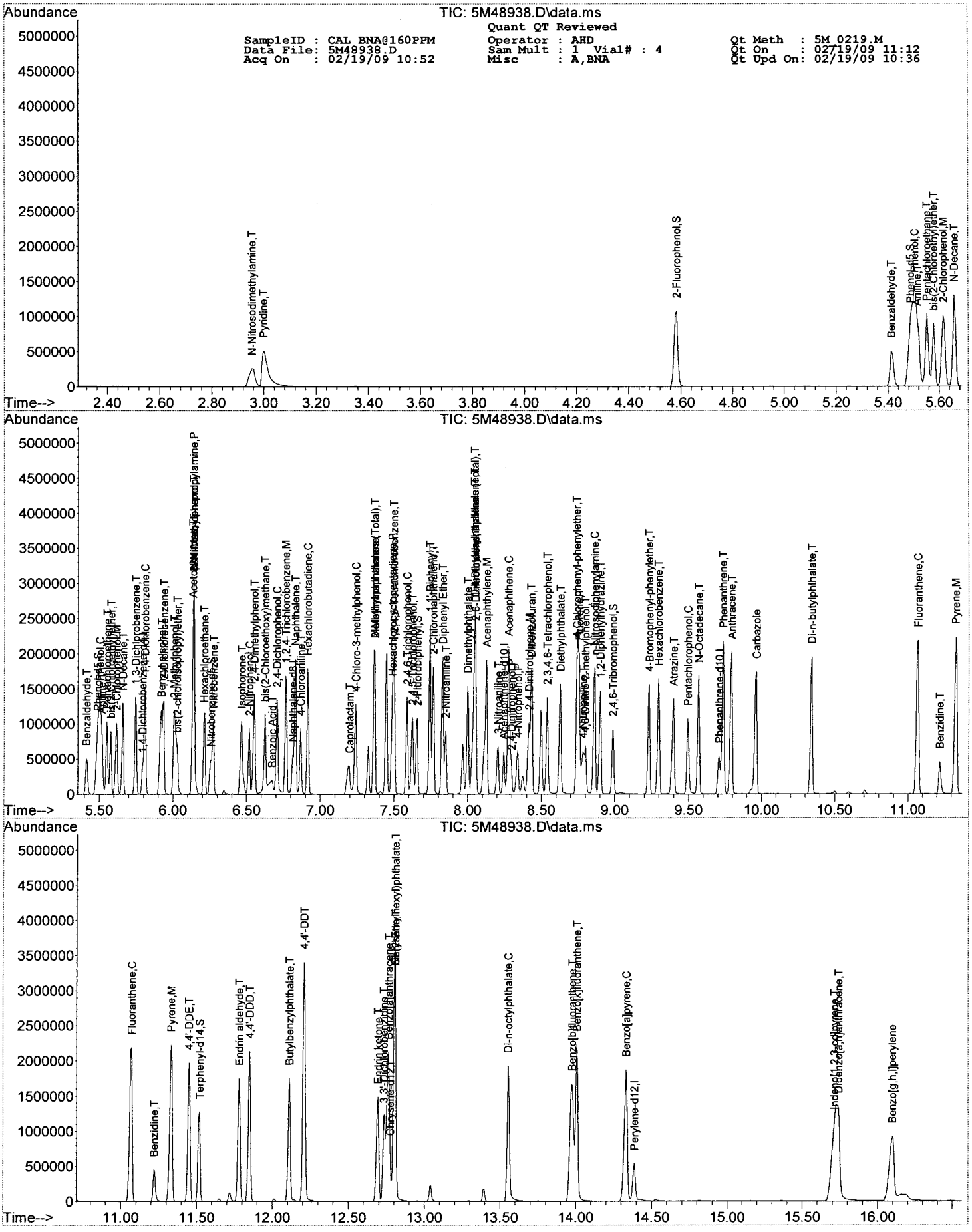
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48938.D Sam Mult : 1 Vial# : 4 Qt On : 02/19/09 11:12
Acq On : 02/19/09 10:52 Misc : A,BNA Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60) 4-Nitrophenol	8.340	65	97119	164.65 ng	65
61) 2,3,4,6-Tetrachlorophenol	8.538	232	185575	170.30 ng	82
62) Fluorene	8.757	166	626661	145.52 ng	99
63) 4-Chlorophenyl-phenyle...	8.741	204	355977	154.83 ng	83
64) Diethylphthalate	8.629	149	627267	150.89 ng	94
65) 4-Nitroaniline	8.783	138	158617	150.19 ng	83
66) Atrazine	9.398	200	224302	149.94 ng	94
68) 4,6-Dinitro-2-methylph...	8.799	198	124887	202.98 ng	100
69) n-Nitrosodiphenylamine	8.864	169	542546	153.34 ng	98
71) 1,2-Diphenylhydrazine	8.901	77	534567	143.53 ng	70
72) 4-Bromophenyl-phenylether	9.232	248	233427	162.43 ng	79
73) Hexachlorobenzene	9.296	284	241581	160.85 ng	62
74) N-Octadecane	9.569	57	274853	130.00 ng	63
75) Pentachlorophenol	9.494	266	147004	199.40 ng	96
76) Phenanthrene	9.734	178	967880	150.00 ng	99
77) Anthracene	9.793	178	959270	149.32 ng	99
78) Carbazole	9.964	167	909718	149.11 ng	98
79) Di-n-butylphthalate	10.343	149	1094949	157.68 ng	97
80) Fluoranthene	11.070	202	1214546	154.38 ng	80
82) Pyrene	11.332	202	1218967	152.93 ng	79
83) Benzidine	11.220	184	205245	108.65 ng	81
85) 4,4'-DDE	11.449	246	293470	159.97 ng	94
86) Endrin	11.780	81	49728	161.14 ng	1
87) 4,4'-DDD	11.850	235	478340	164.29 ng	97
88) Butylbenzylphthalate	12.112	149	489809	164.50 ng	67
89) Endrin aldehyde	11.780	67	26672	131.22 ng	85
90) 4,4'-DDT	12.208	235	466286	170.01 ng	95
91) Endrin ketone	12.694	317	62148	171.19 ng	98
92) 3,3'-Dichlorobenzidine	12.731	252	290577	187.40 ng	95
93) Benzo[a]anthracene	12.763	228	1141467	155.22 ng	99
94) Chrysene	12.806	228	1043817	153.90 ng	98
95) bis(2-Ethylhexyl)phtha...	12.806	149	586285	163.39 ng	87
97) Di-n-octylphthalate	13.554	149	1159723	177.88 ng	100
98) Benzo[b]fluoranthene	13.976	252	1236759	172.42 ng	90
99) Benzo[k]fluoranthene	14.008	252	1043447	144.43 ng	90
100) Benzo[a]pyrene	14.334	252	1095254	161.50 ng	89
101) Indeno[1,2,3-cd]pyrene	15.712	276	1160252	154.47 ng	68
102) Dibenzo[a,h]anthracene	15.739	278	938343	156.03 ng	82
103) Benzo[g,h,i]perylene	16.097	276	898272	142.47 ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M48938.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@160PPM
Data File: 5M48938.D
Acq On : 02/19/09 10:52
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 11:12
Qt Upd On: 02/19/09 10:36
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Aniline,T
Phenol,C
Pentachloroethane,T
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
Time-->

Quantitation Report (QT Reviewed)

Sample ID : CAL BNA@196PPM
Data File: 5M48937.D
Acq On : 02/19/09 10:17

Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA

Qt Meth : 5M_0219.M
Qt On : 02/19/09 10:36
Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.792	152	50307	40.00	ng	-0.02
23) Naphthalene-d8	6.812	136	191744	40.00	ng	-0.02
41) Acenaphthene-d10	8.244	164	116654	40.00	ng	-0.02
67) Phenanthrene-d10	9.702	188	214915	40.00	ng	-0.02
81) Chrysene-d12	12.769	240	199470	40.00	ng	0.00
96) Perylene-d12	14.382	264	206518	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.579	112	354261	213.14	ng	-0.02
Spiked Amount 100.000			Recovery = 213.14%			
9) Phenol-d5	5.487	99	434209	195.60	ng	0.00
Spiked Amount 100.000			Recovery = 195.60%			
24) Nitrobenzene-d5	6.251	128	80050	97.28	ng	-0.01
Spiked Amount 50.000			Recovery = 194.56%			
46) 2-Fluorobiphenyl	7.651	172	355041	91.20	ng	-0.02
Spiked Amount 50.000			Recovery = 182.40%			
70) 2,4,6-Tribromophenol	8.986	330	130926	223.26	ng	-0.01
Spiked Amount 100.000			Recovery = 223.26%			
84) Terphenyl-d14	11.513	244	549459	98.57	ng	-0.02
Spiked Amount 50.000			Recovery = 197.14%			
Target Compounds						Qvalue
2) Pyridine	2.998	79	353646	203.81	ng	67
3) N-Nitrosodimethylamine	2.955	74	207725	205.05	ng	73
5) Benzaldehyde	5.412	77	85233	60.07	ng	72
6) Aniline	5.514	93	435955	200.88	ng	77
7) Pentachloroethane	5.551	117	97322	190.34	ng	65
8) bis(2-Chloroethyl)ether	5.578	93	278432	177.27	ng	74
10) Phenol	5.503	94	428547	186.32	ng	95
11) 2-Chlorophenol	5.615	128	327588	193.77	ng	76
12) N-Decane	5.658	57	232561	158.96	ng	73
13) 1,3-Dichlorobenzene	5.744	146	351769	189.05	ng	97
14) 1,4-Dichlorobenzene	5.808	146	355191	187.51	ng	99
15) 1,2-Dichlorobenzene	5.931	146	326386	184.81	ng	98
16) Benzyl alcohol	5.915	108	206534	188.89	ng	77
17) bis(2-chloroisopropyl)...	6.021	45	252897	140.26	ng	78
18) 2-Methylphenol	6.005	108	278393	183.16	ng	98
19) Acetophenone	6.134	105	440108	178.21	ng	66
20) Hexachloroethane	6.208	117	126510	190.87	ng	60
21) N-Nitroso-di-n-propyla...	6.139	70	188406	167.72	ng	60
22) 3&4-Methylphenol	6.139	108	268231	176.66	ng	99
25) Nitrobenzene	6.273	77	294308	177.23	ng	75
26) Isophorone	6.460	82	590695	183.48	ng	84
27) 2-Nitrophenol	6.518	139	172979	210.35	ng	85
28) 2,4-Dimethylphenol	6.550	107	316819	190.21	ng	98
29) Benzoic Acid	6.673	105	206219m	290.12	ng	
30) bis(2-Chloroethoxy)met...	6.625	93	329069	177.21	ng	95
31) 2,4-Dichlorophenol	6.705	162	273773	193.72	ng	86
32) 1,2,4-Trichlorobenzene	6.764	180	325790	190.33	ng	97
33) Naphthalene	6.828	128	887071	181.22	ng	99
34) 4-Chloroaniline	6.866	127	232767	161.26	ng	100
35) Hexachlorobutadiene	6.914	225	203448	198.47	ng	96
36) Caprolactam	7.197	113	96466	168.57	ng	58
37) 4-Chloro-3-methylphenol	7.240	107	278048	189.76	ng	83
38) 2-Methylnaphthalene	7.362	142	618899	180.24	ng	99
39) Methylnaphthalenes (To...	7.362	142	618899	180.24	ng	99
40) 1,1'-Biphenyl	7.736	154	767540	175.26	ng	93
42) 1,2,4,5-Tetrachloroben...	7.496	216	351748	188.76	ng	98
43) Hexachlorocyclopentadiene	7.485	237	213316	234.49	ng	98
44) 2,4,6-Trichlorophenol	7.587	196	206893	208.34	ng	96
45) 2,4,5-Trichlorophenol	7.624	196	216905	199.73	ng	95
47) 2-Chloronaphthalene	7.763	162	577918	182.26	ng	93
48) 1,4-Dimethylnaphthalene	8.046	156	453263	177.42	ng	86
49) Dimethylnaphthalenes (...	8.046	156	453263	177.42	ng	86
50) Diphenyl Ether	7.822	170	458778	185.41	ng	77
51) 2-Nitroaniline	7.849	65	181583	179.36	ng	38
52) Acenaphthylene	8.126	152	898724	180.01	ng	98
53) Dimethylphthalate	7.998	163	709090	185.63	ng	98
54) 2,6-Dinitrotoluene	8.052	165	154760	185.78	ng	58
55) Acenaphthene	8.276	153	599320	183.57	ng	96
56) 3-Nitroaniline	8.201	138	138177	184.87	ng	75
57) 2,4-Dinitrophenol	8.292	184	97362	291.31	ng	80
58) Dibenzofuran	8.431	168	848340	181.17	ng	88
59) 2,4-Dinitrotoluene	8.415	165	232431	204.85	ng	58

16

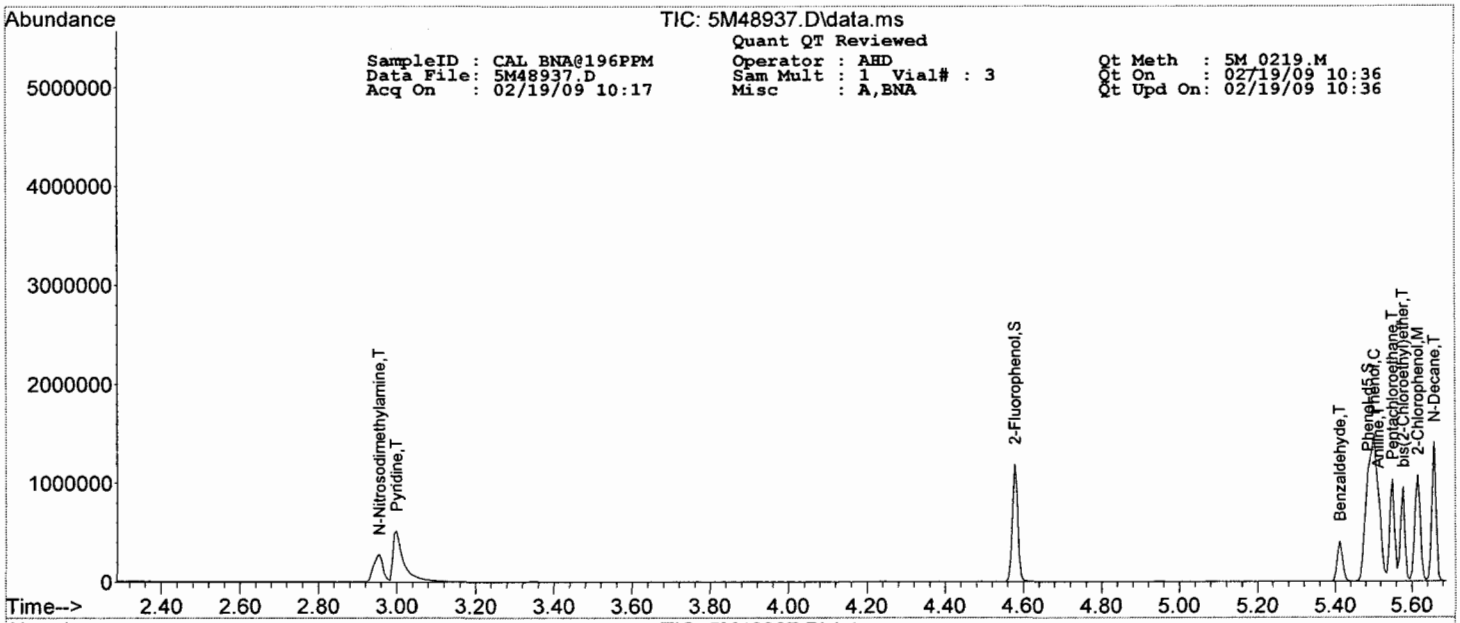
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M48937.D Sam Mult : 1 Via1# : 3 Qt On : 02/19/09 10:36
Acq On : 02/19/09 10:17 Misc : A,BNA Qt Upd On: 02/19/09 10:36

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.340	65	109197	208.32	ng	63
61) 2,3,4,6-Tetrachlorophenol	8.538	232	202471	209.08	ng	82
62) Fluorene	8.751	166	698157	182.43	ng	99
63) 4-Chlorophenyl-phenyle...	8.741	204	392160	191.94	ng	81
64) Diethylphthalate	8.629	149	707762	191.58	ng	94
65) 4-Nitroaniline	8.783	138	178803	190.51	ng	84
66) Atrazine	9.398	200	258540	194.48	ng	95
68) 4,6-Dinitro-2-methylph...	8.799	198	145962	252.86	ng	100
69) n-Nitrosodiphenylamine	8.858	169	605535	182.42	ng	98
71) 1,2-Diphenylhydrazine	8.896	77	586623	167.89	ng	74
72) 4-Bromophenyl-phenylether	9.227	248	260902	193.51	ng	82
73) Hexachlorobenzene	9.296	284	268496	190.55	ng	60
74) N-Octadecane	9.563	57	303610	153.06	ng	65
75) Pentachlorophenol	9.494	266	169319	244.80	ng	97
76) Phenanthrene	9.734	178	1101238	181.91	ng	100
77) Anthracene	9.793	178	1086917	180.34	ng	100
78) Carbazole	9.959	167	1038292	181.40	ng	98
79) Di-n-butylphthalate	10.338	149	1253502	192.40	ng	98
80) Fluoranthene	11.065	202	1370976	185.74	ng	82
82) Pyrene	11.332	202	1382678	191.13	ng	79
83) Benzidine	11.220	184	184558	107.64	ng	80
85) 4,4'-DDE	11.449	246	329247	197.74	ng	94
86) Endrin	11.775	81	57189	204.18	ng	1
87) 4,4'-DDD	11.850	235	540203	204.42	ng	96
88) Butylbenzylphthalate	12.112	149	554699	205.26	ng	66
89) Endrin aldehyde	11.775	67	30103	163.18	ng	84
90) 4,4'-DDT	12.208	235	545190	219.01	ng	94
91) Endrin ketone	12.694	317	70784	214.82	ng	98
92) 3,3'-Dichlorobenzidine	12.731	252	307581	218.56	ng	94
93) Benzo[a]anthracene	12.758	228	1295791	194.14	ng	99
94) Chrysene	12.806	228	1175388	190.94	ng	99
95) bis(2-Ethylhexyl)phtha...	12.801	149	671619	206.22	ng	88
97) Di-n-octylphthalate	13.554	149	1312884	229.43	ng	100
98) Benzo[b]fluoranthene	13.976	252	1382674	219.62	ng	90
99) Benzo[k]fluoranthene	14.008	252	1190850m	187.80	ng	
100) Benzo[a]pyrene	14.334	252	1182989	198.75	ng	88
101) Indeno[1,2,3-cd]pyrene	15.712	276	1237805	187.76	ng	69
102) Dibenzo[a,h]anthracene	15.734	278	992462	188.02	ng	82
103) Benzo[g,h,i]perylene	16.097	276	978250	176.77	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed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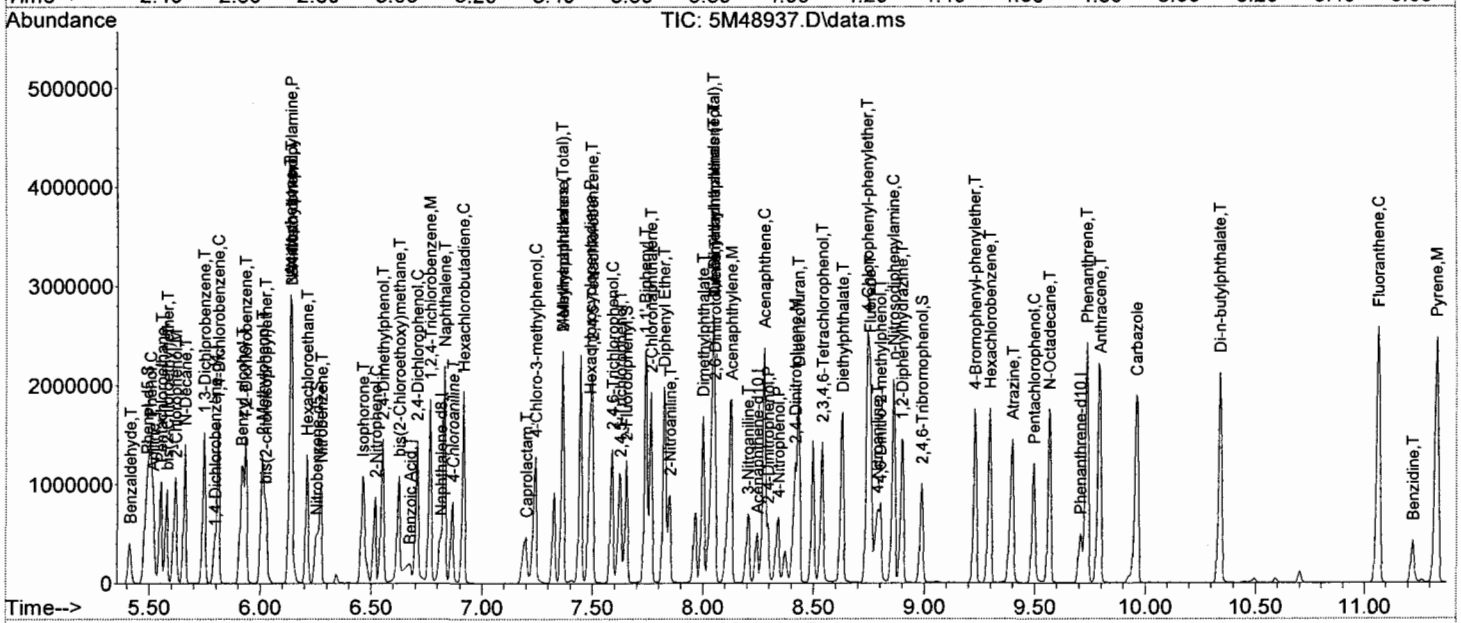
Quant QT Reviewed
SampleID : CAL BNA@196PPM
Data File: 5M48937.D
Acq On : 02/19/09 10:17
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/19/09 10:36
Qt Upd On: 02/19/09 10:36
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
N-Decane,T
Time-->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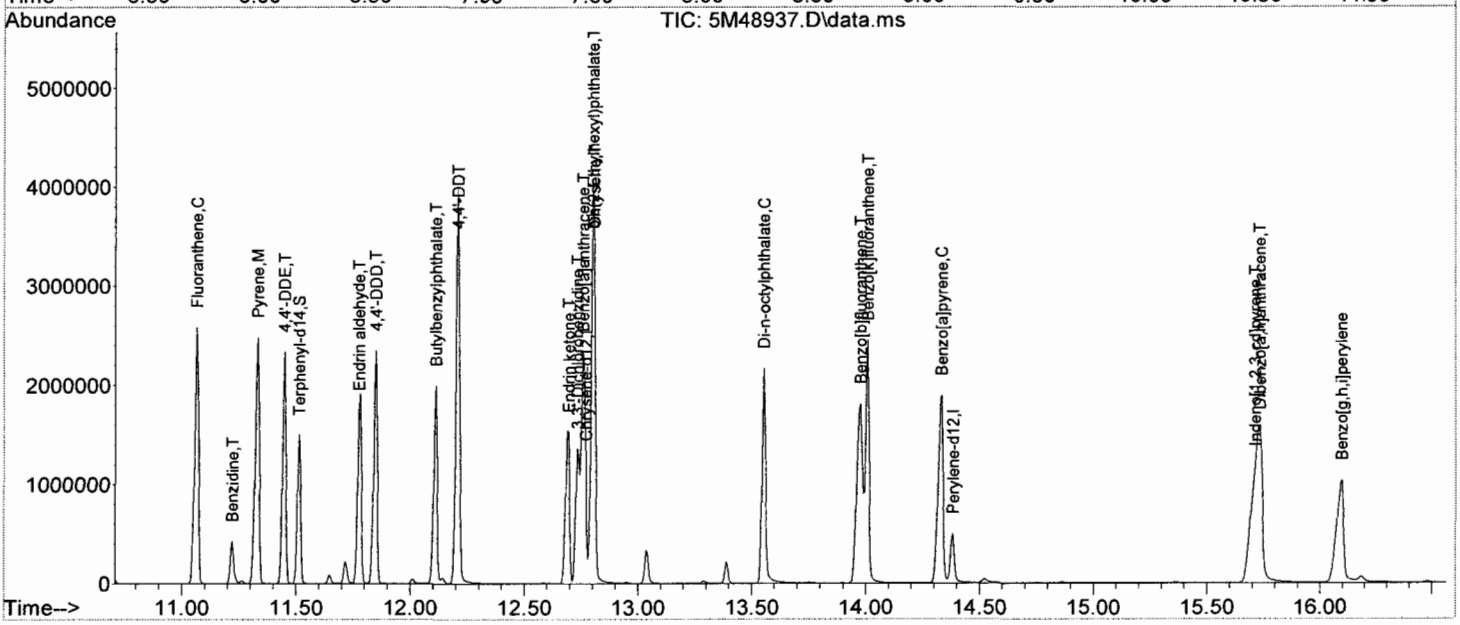

Abundance
TIC: 5M48937.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M03258.	CAL BNA@50PPM	03/03/09 09:22	2	10M03261.	CAL BNA@2PPM	03/03/09 10:32
3	10M03260.	CAL BNA@10PPM	03/03/09 10:10	4	10M03259.	CAL BNA@20PPM	03/03/09 09:49
5	10M03257.	CAL BNA@80PPM	03/03/09 09:00	6	10M03256.	CAL BNA@120PPM	03/03/09 08:38
7	10M03255.	CAL BNA@160PPM	03/03/09 08:16	8	10M03254.	CAL BNA@196PPM	03/03/09 07:54

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.2017	1.0737	1.1112	1.2225	1.1592	1.1544	1.1285	1.1482	-----	1.15	2.64	1.00	1.00	4.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.6366	0.5979	0.6560	0.6889	0.6227	0.6337	0.6301	0.6513	-----	0.640	2.53	0.999	1.00	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.1470	1.1154	1.1071	1.1881	1.1273	1.1719	1.1998	1.1955	-----	1.16	4.27	0.999	1.00	3.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Avg	1.0151	1.0041	0.9891	1.0590	0.9102	0.9111	0.8987	0.9689	-----	0.970	5.12	0.997	0.997	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	Avg	1.7511	1.2542	1.4250	1.6481	1.7612	1.8590	1.9025	1.9131	-----	1.69	5.21	0.999	1.00	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.3988	0.3761	0.4240	0.4374	0.3906	0.3901	0.3972	0.3951	-----	0.401	5.25	1.00	1.00	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.1451	1.3571	1.1782	1.2187	1.1206	1.1148	1.1486	1.1679	-----	1.18	5.28	0.999	1.00	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.5569	1.6144	1.5289	1.6436	1.5462	1.6372	1.6394	1.6417	-----	1.60	5.19	0.999	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.7119	1.6035	1.6711	1.7979	1.6813	1.7646	1.7856	1.8225	-----	1.73	5.20	0.999	1.00	4.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.3252	1.3825	1.3474	1.4282	1.3228	1.3727	1.3949	1.3948	-----	1.37	5.32	1.00	1.00	2.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.1026	1.2295	1.1144	1.2084	1.1010	1.0827	1.1342	1.1195	-----	1.14	5.37	0.999	1.00	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.3-Dichlorobenzene	1	0	Avg	1.4834	1.6289	1.5110	1.5983	1.4432	1.4671	1.5106	1.4993	-----	1.52	5.45	1.00	1.00	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dichlorobenzene	1	0	Avg	1.5385	1.8133	1.6186	1.6600	1.5128	1.5294	1.5688	1.5559	-----	1.60	5.51	1.00	1.00	6.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Dichlorobenzene	1	0	Avg	1.4236	1.6865	1.4894	1.5450	1.4095	1.4377	1.4747	1.4681	-----	1.49	5.64	1.00	1.00	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.7989	0.8468	0.7783	0.8703	0.8287	0.8616	0.8778	0.8879	-----	0.844	5.62	0.999	1.00	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)et	1	0	Avg	1.2816	1.5241	1.3793	1.3975	1.2889	1.3154	1.3348	1.3333	-----	1.36	5.74	1.00	1.00	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.1815	1.1436	1.2004	1.2759	1.1817	1.2356	1.2418	1.2523	-----	1.21	5.72	0.999	1.00	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	1.9301	2.1304	1.9668	2.0621	1.9407	2.0264	2.0604	2.0703	-----	2.02	5.83	0.999	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5400	0.6392	0.5392	0.5742	0.5408	0.5439	0.5547	0.5563	-----	0.561	5.92	1.00	1.00	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.9840	0.9733	0.9656	1.0547	0.9738	1.0296	1.0395	1.0544	-----	1.01	5.83	0.999	1.00	3.8	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.3135	1.3295	1.3019	1.3965	1.2913	1.3604	1.3882	1.4001	-----	1.35	5.85	0.999	1.00	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1724	0.1458	0.1600	0.1742	0.1657	0.1761	0.1732	0.1721	-----	0.167	5.96	1.00	1.00	6.1		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3677	0.4012	0.3915	0.3986	0.3572	0.3721	0.3730	0.3660	-----	0.378	5.97	1.00	1.00	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.6581	0.6647	0.6866	0.6880	0.6392	0.6738	0.6726	0.6714	-----	0.669	6.16	1.00	1.00	2.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1987	0.1626	0.1914	0.2047	0.1978	0.2034	0.2081	0.2058	-----	0.197	6.23	1.00	1.00	7.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dimethylphenol	1	0	Avg	0.3601	0.3344	0.3575	0.3731	0.3496	0.3672	0.3698	0.3646	-----	0.360	6.26	1.00	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.1222	-----	0.0390	0.0884	0.1649	0.2031	0.2275	0.2274	-----	0.153	6.31	0.990	0.996	48		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.3769	0.3911	0.3950	0.4025	0.3723	0.3825	0.3929	0.3876	-----	0.388	6.33	1.00	1.00	2.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dichlorophenol	1	0	Avg	0.3101	0.2745	0.3119	0.3227	0.3090	0.3249	0.3242	0.3230	-----	0.313	6.41	1.00	1.00	5.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4-Trichlorobenzene	1	0	Avg	0.3575	0.3581	0.3812	0.3868	0.3566	0.3599	0.3701	0.3642	-----	0.367	6.47	1.00	1.00	3.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0747	1.1921	1.1498	1.1770	1.0385	1.0839	1.1065	1.1084	-----	1.12	6.53	0.999	1.00	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.3814	0.3014	0.3334	0.3587	0.3684	0.3534	0.3304	0.2834	-----	0.339	6.57	0.977	0.998	9.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.2176	0.2483	0.2262	0.2302	0.2123	0.2155	0.2204	0.2170	-----	0.223	6.62	1.00	1.00	5.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1162	0.0939	0.1065	0.1235	0.1137	0.1169	0.1175	0.1016	-----	0.111	6.81	0.989	0.995	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3211	0.2789	0.3261	0.3388	0.3159	0.3257	0.3312	0.3296	-----	0.321	6.93	1.00	1.00	5.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7443	0.7927	0.7726	0.7950	0.7301	0.7552	0.7728	0.7676	-----	0.766	7.05	0.999	1.00	2.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7443	0.7927	0.7726	0.7950	0.7301	0.7552	0.7728	0.7676	-----	0.766	7.05	0.999	1.00	2.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.1'-Biphenyl	1	0	Avg	0.9096	0.9777	0.9966	0.9898	0.8997	0.9329	0.9577	0.9421	-----	0.951	7.41	0.999	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4.5-Tetrachloroben	1	0	Avg	0.7135	0.7816	0.7610	0.7402	0.6905	0.7035	0.7222	0.7082	-----	0.728	7.18	1.00	1.00	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.2776	-----	0.1849	0.2459	0.3068	0.3291	0.3548	0.3501	-----	0.293	7.17	0.998	0.999	21	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Trichlorophenol	1	0	Avg	0.4039	0.3244	0.3849	0.4230	0.4003	0.4098	0.4198	0.4137	-----	0.398	7.26	0.999	0.999	8.0	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Avg Rsd: 7.03

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note:
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M03258.	CAL BNA@50PPM	03/03/09 09:22	2	10M03261.	CAL BNA@2PPM	03/03/09 10:32
3	10M03260.	CAL BNA@10PPM	03/03/09 10:10	4	10M03259.	CAL BNA@20PPM	03/03/09 09:49
5	10M03257.	CAL BNA@80PPM	03/03/09 09:00	6	10M03256.	CAL BNA@120PPM	03/03/09 08:38
7	10M03255.	CAL BNA@160PPM	03/03/09 08:16	8	10M03254.	CAL BNA@196PPM	03/03/09 07:54

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.4393	0.3968	0.4394	0.4438	0.4280	0.4443	0.4472	0.4417	-----	0.435	7.30	1.00	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.4214	1.4876	1.4978	1.5131	1.3975	1.4162	1.4164	1.4167	-----	1.45	7.33	0.999	1.00	3.1		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1871	1.1810	1.2391	1.2791	1.1571	1.1636	1.2027	1.1712	-----	1.20	7.43	0.999	0.999	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthaler	1	0	Avg	0.9635	0.9971	1.0091	1.0140	0.9279	0.9527	0.9782	0.9657	-----	0.976	7.70	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	0.9635	0.9971	1.0091	1.0140	0.9279	0.9527	0.9782	0.9657	-----	0.976	7.70	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.9269	0.9085	0.9817	0.9713	0.9090	0.9182	0.9466	0.9317	-----	0.937	7.49	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.4200	0.4321	0.4069	0.4528	0.4218	0.4237	0.4340	0.4211	-----	0.427	7.51	1.00	1.00	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.9261	1.9049	2.0329	2.0144	1.8919	1.9159	1.9593	1.9522	-----	1.95	7.77	1.00	1.00	2.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.3542	1.4090	1.4528	1.4361	1.3311	1.3371	1.3672	1.3545	-----	1.38	7.65	1.00	1.00	3.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.3260	0.2439	0.3264	0.3380	0.3141	0.3236	0.3308	0.3288	-----	0.317	7.71	1.00	1.00	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.2357	1.3152	1.3402	1.3278	1.2033	1.2048	1.2621	1.2287	-----	1.26	7.92	0.999	0.999	4.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3043	0.2395	0.2887	0.3210	0.2858	0.2758	0.2637	0.2494	-----	0.279	7.85	0.995	1.00	9.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	Qua	0.1729	-----	0.0517	0.1323	0.1899	0.2042	0.2144	0.2096	-----	0.168	7.94	0.999	0.999	35	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.7467	1.9535	1.8720	1.8410	1.6791	1.7215	1.7772	1.7632	-----	1.79	8.07	0.999	1.00	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.4413	0.3425	0.4186	0.4611	0.4293	0.4336	0.4502	0.4425	-----	0.427	8.05	0.999	1.00	8.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	LinF	0.2439	0.1585	0.2360	0.2620	0.2360	0.2484	0.2600	0.2585	-----	0.238	7.99	0.999	0.999	14	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.3990	0.3218	0.3891	0.4172	0.3925	0.4075	0.4199	0.4216	-----	0.396	8.18	0.999	1.00	8.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.4809	1.4324	1.5516	1.5638	1.4271	1.4574	1.5096	1.4736	-----	1.49	8.38	0.999	0.999	3.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyle	1	0	Avg	0.7359	0.7321	0.7879	0.7957	0.7213	0.7271	0.7492	0.7432	-----	0.749	8.38	1.00	1.00	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.3307	1.2661	1.3889	1.4327	1.2913	1.3138	1.3614	1.3281	-----	1.34	8.26	0.999	0.999	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3381	0.2536	0.3423	0.3465	0.3309	0.3405	0.3528	0.3530	-----	0.332	8.39	0.999	1.00	9.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4399	0.3887	0.4367	0.4762	0.4352	0.4308	0.4515	0.4416	-----	0.438	9.00	0.999	0.999	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Qua	0.1449	-----	0.0841	0.1324	0.1512	0.1625	0.1697	0.1695	-----	0.145	8.45	0.999	1.00	21		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.7150	0.6841	0.7613	0.7371	0.7126	0.7291	0.7334	0.7406	-----	0.727	8.48	1.00	1.00	3.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Tribromophenol	1	0	Avg	0.1592	0.1323	0.1574	0.1613	0.1634	0.1668	0.1687	0.1699	-----	0.160	8.61	1.00	1.00	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	0.7543	0.7601	0.7824	0.7912	0.7513	0.7620	0.7806	0.7671	-----	0.769	8.52	1.00	1.00	1.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyle	1	0	Avg	0.2768	0.2798	0.2737	0.2822	0.2800	0.2813	0.2854	0.2863	-----	0.281	8.85	1.00	1.00	1.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.3245	0.3498	0.3435	0.3327	0.3197	0.3247	0.3286	0.3295	-----	0.332	8.91	1.00	1.00	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.3846	0.3304	0.3871	0.4039	0.3996	0.4019	0.4155	0.4145	-----	0.392	9.19	0.999	1.00	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.1366	-----	0.0716	0.1236	0.1550	0.1735	0.1857	0.1907	-----	0.148	9.11	0.996	0.999	28	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.2122	1.3590	1.2793	1.2825	1.2083	1.2125	1.2538	1.2258	-----	1.25	9.33	1.00	1.00	4.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.2207	1.2272	1.2789	1.2811	1.2183	1.2326	1.2745	1.2731	-----	1.25	9.38	0.999	1.00	2.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.1722	1.0491	1.1639	1.2101	1.1383	1.1455	1.1900	1.1576	-----	1.15	9.55	0.999	0.999	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.2836	1.0295	1.2197	1.3253	1.2945	1.3193	1.3502	1.3582	-----	1.27	9.94	1.00	1.00	8.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.3418	1.2723	1.3387	1.4006	1.3188	1.3124	1.3610	1.3513	-----	1.34	10.63	1.00	1.00	2.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.3596	1.3280	1.3756	1.4088	1.3232	1.4018	1.3856	1.3722	-----	1.37	10.89	1.00	1.00	2.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.3652	0.1339	0.2028	0.2858	0.3573	0.3692	0.3632	0.3808	-----	0.307	10.80	0.999	0.999	30		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Terphenyl-d14	1	0	Avg	1.0957	1.0515	1.1351	1.1479	1.0860	1.1508	1.1281	1.1569	-----	1.12	11.09	0.999	1.00	3.3		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4.4'-DDE	1	0	Avg	0.3076	0.2852	0.3069	0.3171	0.3126	0.3232	0.3230	0.3193	-----	0.312	11.02	1.00	1.00	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0626	0.0528	0.0649	0.0634	0.0656	0.0696	0.0687	0.0674	-----	0.0644	11.34	0.999	0.999	8.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.4'-DDD	1	0	Avg	0.5096	0.4368	0.4872	0.5479	0.5168	0.5411	0.5458	0.5316	-----	0.515	11.42	0.999	0.999	7.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.03
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M03258.	CAL BNA@50PPM	03/03/09 09:22	2	10M03261.	CAL BNA@2PPM	03/03/09 10:32
3	10M03260.	CAL BNA@10PPM	03/03/09 10:10	4	10M03259.	CAL BNA@20PPM	03/03/09 09:49
5	10M03257.	CAL BNA@80PPM	03/03/09 09:00	6	10M03256.	CAL BNA@120PPM	03/03/09 08:38
7	10M03255.	CAL BNA@160PPM	03/03/09 08:16	8	10M03254.	CAL BNA@196PPM	03/03/09 07:54

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.5228	0.3984	0.4670	0.5342	0.5178	0.5476	0.5464	0.5486	-----	0.510	11.68	1.00	1.00	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0308	0.0427	0.0344	0.0352	0.0318	0.0324	0.0317	0.0319	-----	0.0339	11.34	1.00	1.00	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDT	1	0	Avg	0.5459	0.3636	0.4984	0.5537	0.5363	0.5732	0.5791	0.5805	-----	0.529	11.77	0.999	1.00	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0717	0.0753	0.0719	0.0761	0.0711	0.0736	0.0742	0.0726	-----	0.0734	12.24	1.00	1.00	2.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.3941	0.2924	0.3810	0.3556	0.3771	0.3677	0.3516	0.3059	-----	0.353	12.29	0.984	0.998	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.3370	1.3465	1.4052	1.4102	1.2983	1.3378	1.3547	1.3169	-----	1.35	12.30	1.00	1.00	2.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.2881	1.3537	1.3682	1.3387	1.2498	1.2527	1.2866	1.2678	-----	1.30	12.34	1.00	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.7104	0.4924	0.6560	0.7300	0.7215	0.7544	0.7574	0.7588	-----	0.698	12.38	1.00	1.00	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Qua	1.0374	0.6678	0.8823	1.0485	1.0774	1.2195	1.2139	1.1371	-----	1.04	13.12	0.996	0.996	18	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.2264	1.1502	1.2351	1.2453	1.2005	1.3290	1.2779	1.1636	-----	1.23	13.50	0.993	0.996	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.1664	1.2185	1.2349	1.3765	1.2404	1.2287	1.3083	1.1439	-----	1.24	13.53	0.992	0.994	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.1635	1.0699	1.1356	1.2490	1.1787	1.2085	1.2465	1.0859	-----	1.17	13.84	0.991	0.994	5.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.3252	1.3367	1.3233	1.4102	1.3342	1.3325	1.4150	1.1940	-----	1.33	15.04	0.987	0.991	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.1264	1.0338	1.1185	1.1686	1.1110	1.1150	1.2047	1.0230	-----	1.11	15.06	0.989	0.991	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.1204	1.1547	1.1762	1.2029	1.1076	1.1023	1.1697	0.9939	-----	1.13	15.36	0.988	0.992	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.03
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03258.D Sam Mult : 1 Vial# : 6 Qt On : 03/03/09 09:40
Acq On : 03/ 3/09 09:22 Misc : A,BNA Qt Upd On: 03/03/09 08:28

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	59251	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	221134	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	132676	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	232461	40.00	ng	0.00
81) Chrysene-d12	12.317	240	252176	40.00	ng	-0.01
96) Perylene-d12	13.901	264	280329	40.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	84956	51.89	ng	0.00
Spiked Amount 100.000			Recovery = 51.89%			
9) Phenol-d5	5.193	99	115311	49.25	ng	-0.01
Spiked Amount 100.000			Recovery = 49.25%			
24) Nitrobenzene-d5	5.958	128	23836	26.26	ng	0.00
Spiked Amount 50.000			Recovery = 52.52%			
46) 2-Fluorobiphenyl	7.327	172	117870	25.96	ng	0.00
Spiked Amount 50.000			Recovery = 51.92%			
70) 2,4,6-Tribromophenol	8.605	330	46259	51.94	ng	-0.01
Spiked Amount 100.000			Recovery = 51.94%			
84) Terphenyl-d14	11.092	244	172695	25.10	ng	0.00
Spiked Amount 50.000			Recovery = 50.20%			
Target Compounds						Qvalue
2) Pyridine	2.556	79	89007	56.30	ng	69
3) N-Nitrosodimethylamine	2.503	74	47156	54.00	ng	75
5) Benzaldehyde	5.118	77	75182	74.96	ng	77
6) Aniline	5.214	93	129697	50.00	ng	68
7) Pentachloroethane	5.252	117	29539	51.60	ng	69
8) bis(2-Chloroethyl)ether	5.279	93	84812	50.38	ng	80
10) Phenol	5.204	94	126795	49.91	ng	97
11) 2-Chlorophenol	5.316	128	98150	49.63	ng	78
12) N-Decane	5.369	57	81668	51.91	ng	76
13) 1,3-Dichlorobenzene	5.450	146	109868	50.64	ng	98
14) 1,4-Dichlorobenzene	5.514	146	113950	50.41	ng	94
15) 1,2-Dichlorobenzene	5.637	146	105443	49.83	ng	99
16) Benzyl alcohol	5.621	108	59172	46.86	ng	88
17) bis(2-chloroisopropyl)...	5.738	45	94927	48.04	ng	68
18) 2-Methylphenol	5.717	108	87507	49.01	ng	98
19) Acetophenone	5.835	105	142954	46.88	ng	67
20) Hexachloroethane	5.915	117	39999	50.78	ng	62
21) N-Nitroso-di-n-propyla...	5.840	70	72885	48.20	ng	72
22) 3&4-Methylphenol	5.845	108	97285	49.89	ng	96
25) Nitrobenzene	5.974	77	101641	51.33	ng	80
26) Isophorone	6.161	82	181910	49.80	ng	84
27) 2-Nitrophenol	6.220	139	54923	51.76	ng	93
28) 2,4-Dimethylphenol	6.257	107	99560	50.88	ng	94
29) Benzoic Acid	6.332	105	33791m	29.13	ng	
30) bis(2-Chloroethoxy)met...	6.332	93	104206	50.01	ng	95
31) 2,4-Dichlorophenol	6.407	162	85735	50.28	ng	88
32) 1,2,4-Trichlorobenzene	6.471	180	98841	50.07	ng	96
33) Naphthalene	6.530	128	297082	50.41	ng	98
34) 4-Chloroaniline	6.573	127	105449	54.87	ng	100
35) Hexachlorobutadiene	6.621	225	60151	51.48	ng	98
36) Caprolactam	6.835	113	32131m	47.35	ng	
37) 4-Chloro-3-methylphenol	6.931	107	88760	49.19	ng	85
38) 2-Methylnaphthalene	7.049	142	205759	49.85	ng	99
39) Methylnaphthalenes (To...	7.049	142	205759	49.85	ng	99
40) 1,1'-Biphenyl	7.413	154	251439	48.06	ng	90
42) 1,2,4,5-Tetrachloroben...	7.177	216	118330	51.27	ng	97
43) Hexachlorocyclopentadiene	7.167	237	46043	47.11	ng	98
44) 2,4,6-Trichlorophenol	7.263	196	66997	51.89	ng	98
45) 2,4,5-Trichlorophenol	7.295	196	72870	52.64	ng	97
47) 2-Chloronaphthalene	7.429	162	196880	52.05	ng	93
48) 1,4-Dimethylnaphthalene	7.701	156	159791	51.08	ng	83
49) Dimethylnaphthalenes (...	7.701	156	159791	51.08	ng	83
50) Diphenyl Ether	7.493	170	153723	50.50	ng	74
51) 2-Nitroaniline	7.509	65	69655	52.38	ng	59
52) Acenaphthylene	7.771	152	319443	51.20	ng	98
53) Dimethylphthalate	7.653	163	224601	50.84	ng	98
54) 2,6-Dinitrotoluene	7.707	165	54078	51.68	ng	59
55) Acenaphthene	7.921	153	204950	50.89	ng	93
56) 3-Nitroaniline	7.851	138	50472	55.61	ng	72
57) 2,4-Dinitrophenol	7.942	184	28683	48.33	ng	83
58) Dibenzofuran	8.070	168	289686	50.99	ng	82
59) 2,4-Dinitrotoluene	8.054	165	73195	52.36	ng	58

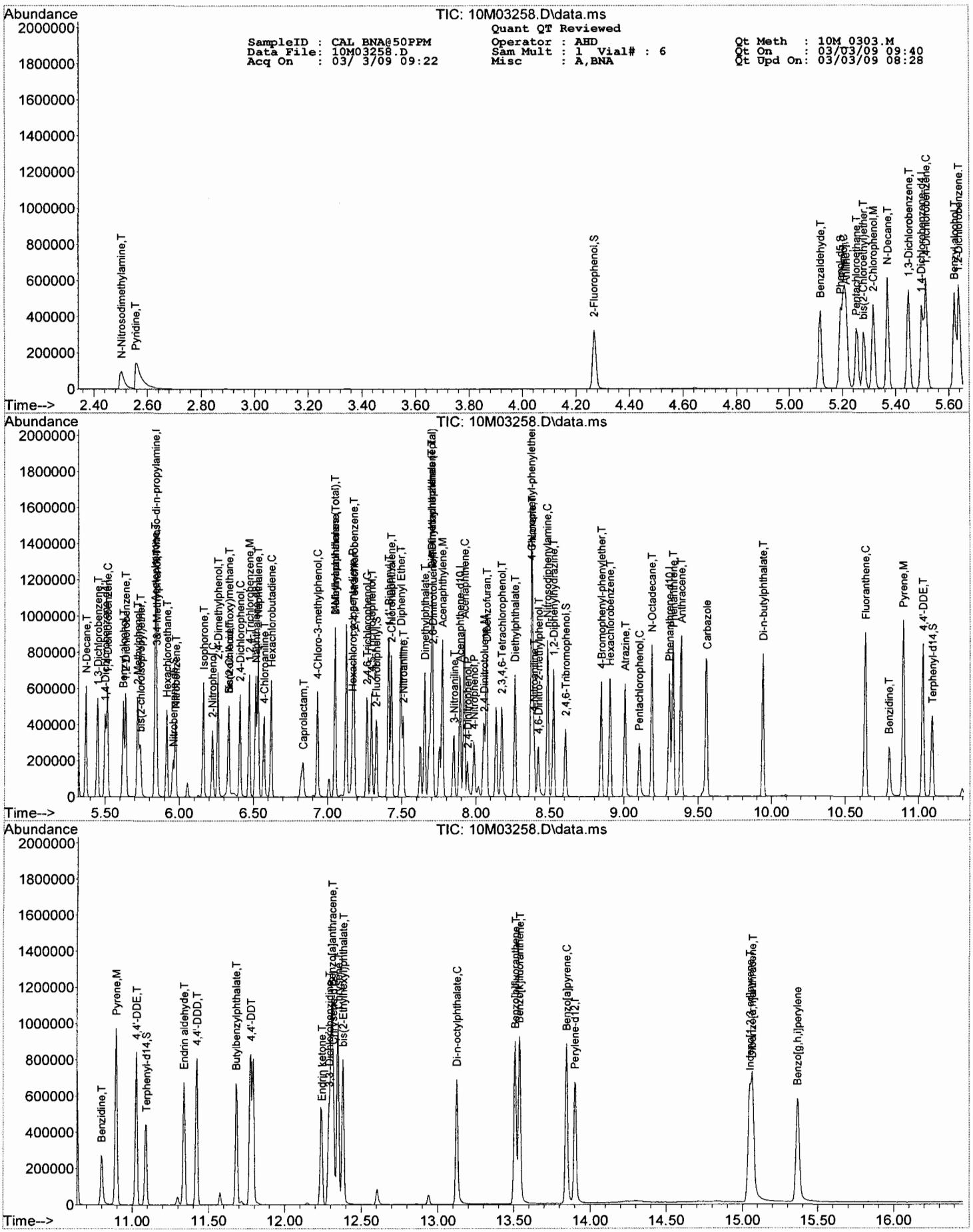
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03258.D Sam Mult : 1 Vial# : 6 Qt On : 03/03/09 09:40
Acq On : 03/ 3/09 09:22 Misc : A,BNA Qt Upd On: 03/03/09 08:28

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	7.985	65	40456	51.82	ng	88
61) 2,3,4,6-Tetrachlorophenol	8.172	232	66178	50.45	ng	80
62) Fluorene	8.381	166	245609	51.53	ng	99
63) 4-Chlorophenyl-phenyle...	8.375	204	122060	50.96	ng	79
64) Diethylphthalate	8.263	149	220691	50.77	ng	97
65) 4-Nitroaniline	8.391	138	56085	51.02	ng	83
66) Atrazine	9.007	200	72970	49.22	ng	93
68) 4,6-Dinitro-2-methylph...	8.424	198	42120	48.82	ng	100
69) n-Nitrosodiphenylamine	8.482	169	207784	50.70	ng	97
71) 1,2-Diphenylhydrazine	8.525	77	219188	51.52	ng	79
72) 4-Bromophenyl-phenylether	8.846	248	80441	50.87	ng	77
73) Hexachlorobenzene	8.905	284	94306	51.07	ng	54
74) N-Octadecane	9.188	57	111770	51.71	ng	71
75) Pentachlorophenol	9.103	266	39701	45.11	ng	96
76) Phenanthrene	9.333	178	352248	49.82	ng	98
77) Anthracene	9.386	178	354708	49.59	ng	98
78) Carbazole	9.557	167	340618	51.11	ng	96
79) Di-n-butylphthalate	9.943	149	372989	50.26	ng	97
80) Fluoranthene	10.638	202	389917	50.19	ng	83
82) Pyrene	10.895	202	428586	52.04	ng	82
83) Benzidine	10.798	184	115117	71.17	ng	87
85) 4,4'-DDE	11.028	246	96986	51.20	ng	86
86) Endrin	11.339	81	19733	49.02	ng	17
87) 4,4'-DDD	11.424	235	160639	50.18	ng	93
88) Butylbenzylphthalate	11.681	149	164798	51.39	ng	72
89) Endrin aldehyde	11.339	67	9721	51.01	ng	80
90) 4,4'-DDT	11.777	235	172091	51.28	ng	93
91) Endrin ketone	12.242	317	22631	49.87	ng	97
92) 3,3'-Dichlorobenzidine	12.291	252	124227	56.68	ng	94
93) Benzo[a]anthracene	12.307	228	421469	49.82	ng	99
94) Chrysene	12.349	228	406053	50.34	ng	96
95) bis(2-Ethylhexyl)phtha...	12.382	149	223945	48.60	ng	91
97) Di-n-octylphthalate	13.125	149	363516	45.19	ng	99
98) Benzo[b]fluoranthene	13.510	252	429744	48.53	ng	90
99) Benzo[k]fluoranthene	13.537	252	408727	46.11	ng	90
100) Benzo[a]pyrene	13.847	252	407719	48.72	ng	88
101) Indeno[1,2,3-cd]pyrene	15.050	276	464364	49.53	ng	73
102) Dibenzo[a,h]anthracene	15.067	278	394705	50.00	ng	82
103) Benzo[g,h,i]perylene	15.366	276	392620	50.67	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03258.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 10M03258.D
Acq On : 03/ 3/09 09:22
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 10M 0303.M
Qt On : 03/03/09 09:40
Qt Upd On: 03/03/09 08:28
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->

Abundance
TIC: 10M03258.D\data.ms
N-Decane,T
Isophorone,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,C
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
4,4'-DDE,T
Time-->

Abundance
TIC: 10M03258.D\data.ms
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

Sample ID : CAL BNA@2PPM
Data File: 10M03261.D
Acq On : 03/ 3/09 10:32
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 10:48
Qt Upd On: 03/03/09 10:44

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	55190	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	212494	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	130269	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	227540	40.00	ng	0.00
81) Chrysene-d12	12.312	240	240265	40.00	ng	0.00
96) Perylene-d12	13.901	264	266967	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	3078	1.92	ng	0.00
Spiked Amount 100.000			Recovery = 1.92%			
9) Phenol-d5	5.193	99	4455	2.02	ng	0.00
Spiked Amount 100.000			Recovery = 2.02%			
24) Nitrobenzene-d5	5.958	128	775	0.86	ng	0.00
Spiked Amount 50.000			Recovery = 1.72%			
46) 2-Fluorobiphenyl	7.327	172	4845	1.03	ng	0.00
Spiked Amount 50.000			Recovery = 2.06%			
70) 2,4,6-Tribromophenol	8.606	330	1506	1.62	ng	0.00
Spiked Amount 100.000			Recovery = 1.62%			
84) Terphenyl-d14	11.087	244	6316	0.93	ng	0.00
Spiked Amount 50.000			Recovery = 1.86%			
Target Compounds						Qvalue
2) Pyridine	2.636	79	2963m	1.85	ng	
3) N-Nitrosodimethylamine	2.535	74	1650m	1.85	ng	
5) Benzaldehyde	5.118	77	2771	2.08	ng	82
6) Aniline	5.214	93	3461	1.43	ng	40
7) Pentachloroethane	5.252	117	1038	1.86	ng	53
8) bis(2-Chloroethyl)ether	5.279	93	3745	2.35	ng	82
10) Phenol	5.204	94	4425	1.83	ng	91
11) 2-Chlorophenol	5.316	128	3815	2.02	ng	75
12) N-Decane	5.370	57	3393	2.19	ng	73
13) 1,3-Dichlorobenzene	5.450	146	4495	2.17	ng	94
14) 1,4-Dichlorobenzene	5.514	146	5004	2.31	ng	93
15) 1,2-Dichlorobenzene	5.637	146	4654	2.30	ng	91
16) Benzyl alcohol	5.621	108	2337	2.01	ng	76
17) bis(2-chloroisopropyl)...	5.739	45	4206	2.29	ng	71
18) 2-Methylphenol	5.717	108	3156	1.87	ng	95
19) Acetophenone	5.835	105	5879	2.12	ng	61
20) Hexachloroethane	5.915	117	1764	2.32	ng	52
21) N-Nitroso-di-n-propyla...	5.835	70	2686	1.92	ng	77
22) 3&4-Methylphenol	5.846	108	3669	1.97	ng	94
25) Nitrobenzene	5.969	77	4263	2.14	ng	90
26) Isophorone	6.161	82	7063	1.98	ng	71
27) 2-Nitrophenol	6.225	139	1728	1.61	ng	88
28) 2,4-Dimethylphenol	6.257	107	3553	1.84	ng	82
29) Benzoic Acid	0.000		0	N.D.		
30) bis(2-Chloroethoxy)met...	6.327	93	4156	2.02	ng	86
31) 2,4-Dichlorophenol	6.407	162	2917	1.73	ng	80
32) 1,2,4-Trichlorobenzene	6.471	180	3805	1.95	ng	83
33) Naphthalene	6.530	128	12666	2.16	ng	99
34) 4-Chloroaniline	6.573	127	3203	1.75	ng	92
35) Hexachlorobutadiene	6.621	225	2639	2.26	ng	97
36) Caprolactam	6.808	113	998	1.65	ng	72
37) 4-Chloro-3-methylphenol	6.926	107	2964	1.71	ng	70
38) 2-Methylnaphthalene	7.049	142	8423	2.08	ng	97
39) Methylnaphthalenes (To...	7.049	142	8423	2.08	ng	97
40) 1,1'-Biphenyl	7.407	154	10388	2.06	ng	96
42) 1,2,4,5-Tetrachloroben...	7.177	216	5091	2.17	ng	96
43) Hexachlorocyclopentadiene	7.167	237	526	0.55	ng	71
44) 2,4,6-Trichlorophenol	7.263	196	2113	1.59	ng	86
45) 2,4,5-Trichlorophenol	7.295	196	2585	1.80	ng	98
47) 2-Chloronaphthalene	7.429	162	7693	1.97	ng	91
48) 1,4-Dimethylnaphthalene	7.696	156	6495	2.05	ng	93
49) Dimethylnaphthalenes (...	7.696	156	6495	2.05	ng	93
50) Diphenyl Ether	7.493	170	5918	1.93	ng	77
51) 2-Nitroaniline	7.509	65	2815	2.03	ng	84
52) Acenaphthylene	7.771	152	12408	1.95	ng	96
53) Dimethylphthalate	7.648	163	9178	2.05	ng	97
54) 2,6-Dinitrotoluene	7.707	165	1589	1.49	ng	56
55) Acenaphthene	7.916	153	8567	2.09	ng	93
56) 3-Nitroaniline	7.846	138	1560	1.69	ng	97
57) 2,4-Dinitrophenol	0.000		0	N.D.		
58) Dibenzofuran	8.065	168	12724	2.21	ng	82
59) 2,4-Dinitrotoluene	8.049	165	2231	1.56	ng	75

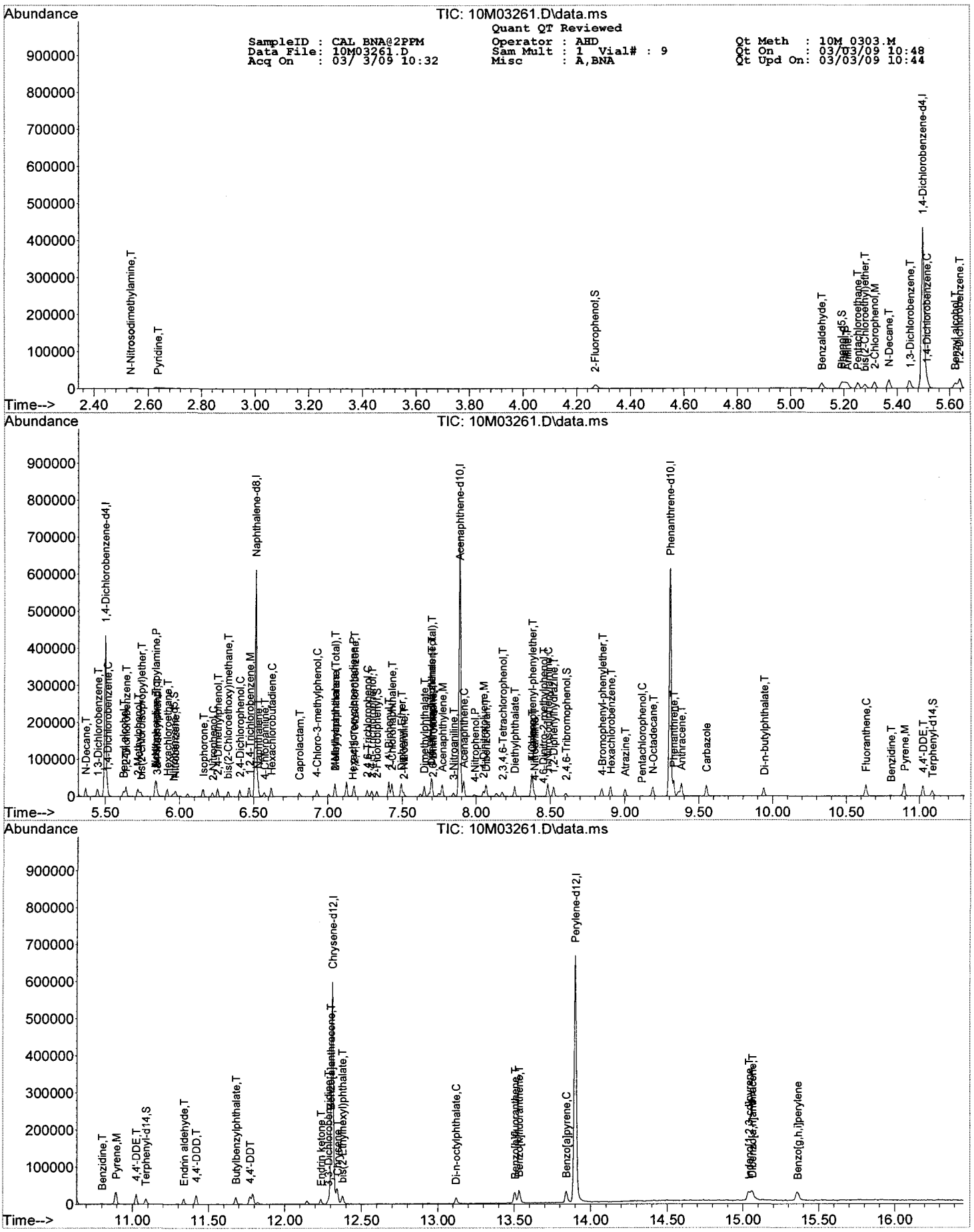
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03261.D Sam Mult : 1 Vial# : 9 Qt On : 03/03/09 10:48
Acq On : 03/ 3/09 10:32 Misc : A,BNA Qt Upd On: 03/03/09 10:44

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60)	4-Nitrophenol	7.990	65	1033	1.27	ng		97
61)	2,3,4,6-Tetrachlorophenol	8.178	232	2096	1.58	ng		74
62)	Fluorene	8.376	166	9330	1.92	ng		97
63)	4-Chlorophenyl-phenyle...	8.376	204	4769	1.95	ng		79
64)	Diethylphthalate	8.258	149	8247	1.88	ng		91
65)	4-Nitroaniline	8.392	138	1652	1.48	ng		69
66)	Atrazine	9.001	200	2532	1.75	ng		90
68)	4,6-Dinitro-2-methylph...	8.450	198	53	0.06	ng		100
69)	n-Nitrosodiphenylamine	8.482	169	7783	1.87	ng		99
71)	1,2-Diphenylhydrazine	8.520	77	8648	1.97	ng		84
72)	4-Bromophenyl-phenylether	8.846	248	3184	1.99	ng		65
73)	Hexachlorobenzene	8.905	284	3980	2.13	ng		49
74)	N-Octadecane	9.189	57	3760	1.65	ng		73
75)	Pentachlorophenol	9.114	266	292	0.35	ng	#	20
76)	Phenanthrene	9.328	178	15462	2.19	ng		96
77)	Anthracene	9.381	178	13962	1.96	ng		96
78)	Carbazole	9.552	167	11936	1.80	ng		98
79)	Di-n-butylphthalate	9.943	149	11713	1.58	ng		97
80)	Fluoranthene	10.633	202	14476	1.89	ng		81
82)	Pyrene	10.895	202	15954	1.93	ng		82
83)	Benzidine	10.804	184	1609	0.81	ng		64
85)	4,4'-DDE	11.023	246	3427	1.81	ng		88
86)	Endrin	11.339	81	635	1.60	ng		10
87)	4,4'-DDD	11.419	235	5248	1.66	ng		89
88)	Butylbenzylphthalate	11.681	149	4787	1.51	ng		67
89)	Endrin aldehyde	11.339	67	514m	2.62	ng		
90)	4,4'-DDT	11.772	235	4368	1.32	ng		99
91)	Endrin ketone	12.237	317	905	2.06	ng		69
92)	3,3'-Dichlorobenzidine	12.285	252	3513	1.62	ng		97
93)	Benzo[a]anthracene	12.301	228	16176	1.99	ng		95
94)	Chrysene	12.344	228	16263	2.09	ng		96
95)	bis(2-Ethylhexyl)phtha...	12.376	149	5916	1.35	ng		77
97)	Di-n-octylphthalate	13.120	149	8914	1.23	ng		99
98)	Benzo[b]fluoranthene	13.505	252	15354	1.86	ng		91
99)	Benzo[k]fluoranthene	13.532	252	16265	1.96	ng		90
100)	Benzo[a]pyrene	13.842	252	14282	1.81	ng		85
101)	Indeno[1,2,3-cd]pyrene	15.040	276	17844	2.00	ng		69
102)	Dibenzo[a,h]anthracene	15.061	278	13800	1.84	ng		85
103)	Benzo[g,h,i]perylene	15.361	276	15414	2.05	ng		79

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03261.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@2PPM
Data File: 10M03261.D
Acq On : 03/ 3/09 10:32
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 10M 0303.M
Qt On : 03/03/09 10:48
Qt Upd On: 03/03/09 10:44
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,C
Time-->
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
N-Decane,T
1,3-Dichlorobenzene,T
Isophorone,T
4-Chloro-3-methylphenol,C
Caprolactam,T
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,T
Acenaphthene,C
4-Nitrophenol,P
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Benzo[g,h,i]perylene

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03260.D Sam Mult : 1 Vial# : 8 Qt On : 03/03/09 10:42
Acq On : 03/ 3/09 10:10 Misc : A,BNA Qt Upd On: 03/03/09 10:42

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	57573	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	212107	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	126255	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	222886	40.00	ng	0.00
81) Chrysene-d12	12.312	240	243750	40.00	ng	0.00
96) Perylene-d12	13.901	264	271906	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	15935	9.45	ng	0.00
Spiked Amount 100.000			Recovery = 9.45%			
9) Phenol-d5	5.193	99	22007	9.49	ng	0.00
Spiked Amount 100.000			Recovery = 9.49%			
24) Nitrobenzene-d5	5.958	128	4243	4.64	ng	0.00
Spiked Amount 50.000			Recovery = 9.28%			
46) 2-Fluorobiphenyl	7.327	172	23639	5.24	ng	0.00
Spiked Amount 50.000			Recovery = 10.48%			
70) 2,4,6-Tribromophenol	8.606	330	8774	9.55	ng	0.00
Spiked Amount 100.000			Recovery = 9.55%			
84) Terphenyl-d14	11.087	244	34585	5.03	ng	0.00
Spiked Amount 50.000			Recovery = 10.06%			
Target Compounds						Qvalue
2) Pyridine	2.583	79	15995	9.51	ng	73
3) N-Nitrosodimethylamine	2.513	74	9443	10.19	ng	96
5) Benzaldehyde	5.118	77	14237	10.30	ng	71
6) Aniline	5.214	93	20511	7.89	ng	56
7) Pentachloroethane	5.252	117	6103	10.56	ng	80
8) bis(2-Chloroethyl)ether	5.279	93	16959	10.22	ng	77
10) Phenol	5.204	94	24053	9.49	ng	96
11) 2-Chlorophenol	5.316	128	19394	9.81	ng	74
12) N-Decane	5.370	57	16041	9.91	ng	75
13) 1,3-Dichlorobenzene	5.450	146	21749	10.07	ng	97
14) 1,4-Dichlorobenzene	5.514	146	23297	10.37	ng	95
15) 1,2-Dichlorobenzene	5.637	146	21438	10.20	ng	99
16) Benzyl alcohol	5.621	108	11203	9.11	ng	89
17) bis(2-chloroisopropyl)...	5.733	45	19853	10.41	ng	72
18) 2-Methylphenol	5.717	108	17279	9.77	ng	99
19) Acetophenone	5.835	105	28309	9.76	ng	71
20) Hexachloroethane	5.915	117	7762	9.77	ng	57
21) N-Nitroso-di-n-propyla...	5.835	70	13899	9.44	ng	88
22) 3&4-Methylphenol	5.846	108	18739	9.58	ng	100
25) Nitrobenzene	5.969	77	20762	10.51	ng	90
26) Isophorone	6.161	82	36410	10.29	ng	80
27) 2-Nitrophenol	6.220	139	10151	9.43	ng	91
28) 2,4-Dimethylphenol	6.257	107	18960	9.82	ng	95
29) Benzoic Acid	6.311	105	2072m	2.27	ng	
30) bis(2-Chloroethoxy)met...	6.327	93	20950	10.24	ng	94
31) 2,4-Dichlorophenol	6.407	162	16544	9.78	ng	85
32) 1,2,4-Trichlorobenzene	6.471	180	20218	10.42	ng	96
33) Naphthalene	6.530	128	60975	10.47	ng	99
34) 4-Chloroaniline	6.573	127	17679	9.64	ng	96
35) Hexachlorobutadiene	6.621	225	11996	10.34	ng	97
36) Caprolactam	6.814	113	5651	9.27	ng	61
37) 4-Chloro-3-methylphenol	6.926	107	17297	9.97	ng	86
38) 2-Methylnaphthalene	7.049	142	40972	10.15	ng	94
39) Methylnaphthalenes (To...	7.049	142	40972	10.15	ng	94
40) 1,1'-Biphenyl	7.407	154	52849	10.62	ng	92
42) 1,2,4,5-Tetrachloroben...	7.177	216	24023	10.67	ng	100
43) Hexachlorocyclopentadiene	7.167	237	5839	5.95	ng	88
44) 2,4,6-Trichlorophenol	7.263	196	12151	9.35	ng	93
45) 2,4,5-Trichlorophenol	7.295	196	13871	9.97	ng	93
47) 2-Chloronaphthalene	7.429	162	39111	10.38	ng	90
48) 1,4-Dimethylnaphthalene	7.696	156	31852	10.44	ng	94
49) Dimethylnaphthalenes (...	7.696	156	31852	10.44	ng	94
50) Diphenyl Ether	7.493	170	30988	10.51	ng	75
51) 2-Nitroaniline	7.504	65	12846	9.49	ng	59
52) Acenaphthylene	7.771	152	64167	10.46	ng	99
53) Dimethylphthalate	7.648	163	45857	10.66	ng	98
54) 2,6-Dinitrotoluene	7.702	165	10305	9.99	ng	76
55) Acenaphthene	7.916	153	42302	10.78	ng	93
56) 3-Nitroaniline	7.846	138	9115	10.19	ng	72
57) 2,4-Dinitrophenol	7.942	184	1633	2.76	ng	87
58) Dibenzofuran	8.065	168	59089	10.67	ng	83
59) 2,4-Dinitrotoluene	8.049	165	13215	9.45	ng	65

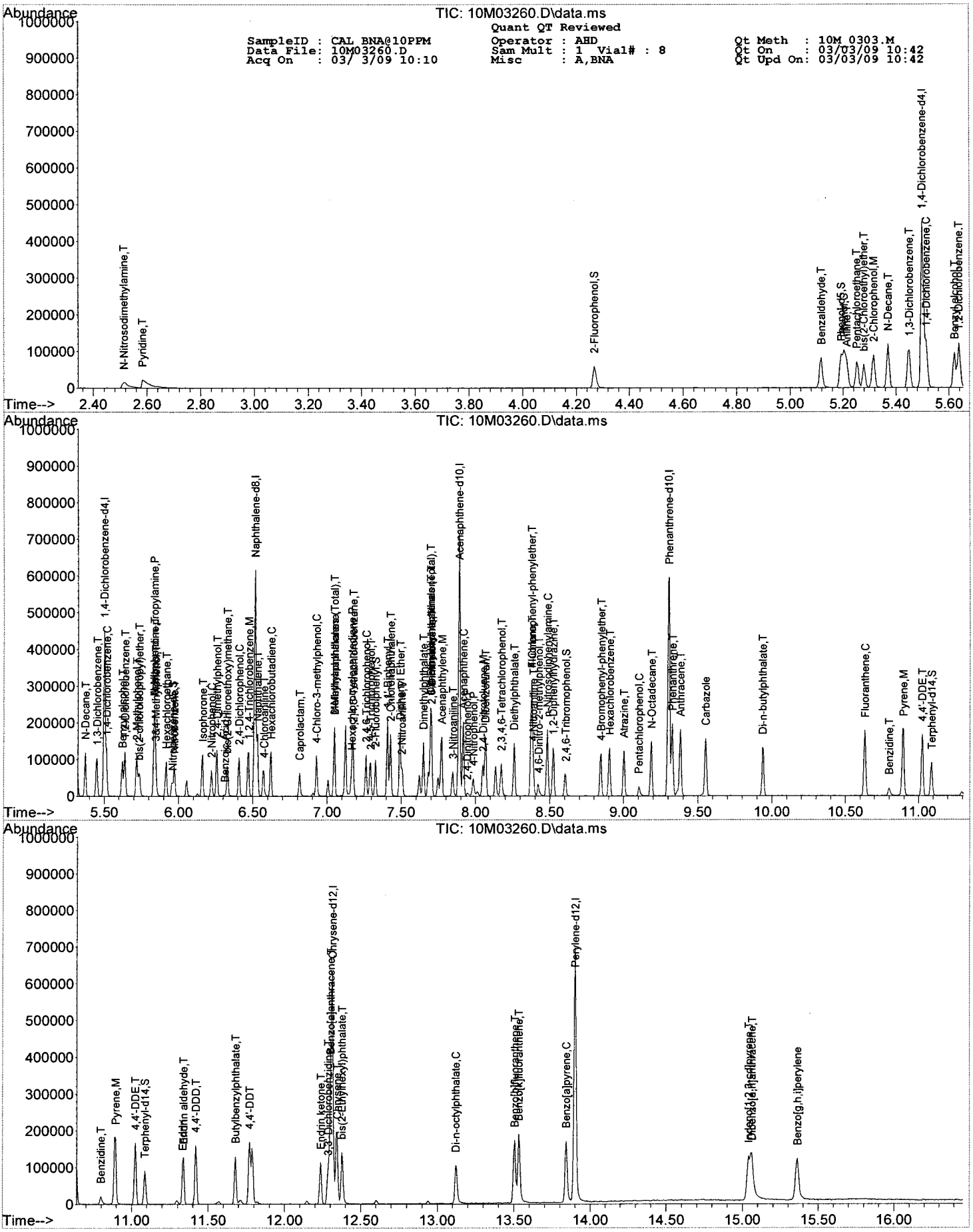
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03260.D Sam Mult : 1 Vial# : 8 Qt On : 03/03/09 10:42
Acq On : 03/ 3/09 10:10 Misc : A,BNA Qt Upd On: 03/03/09 10:42

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	7.985	65	7451	9.39	ng	99
61)	2,3,4,6-Tetrachlorophenol	8.172	232	12282	9.50	ng	81
62)	Fluorene	8.376	166	48976	10.45	ng	99
63)	4-Chlorophenyl-phenyle...	8.376	204	24870	10.57	ng	75
64)	Diethylphthalate	8.258	149	43841	10.34	ng	95
65)	4-Nitroaniline	8.386	138	10807	9.96	ng	82
66)	Atrazine	9.001	200	13785	9.79	ng	95
68)	4,6-Dinitro-2-methylph...	8.424	198	4686	5.42	ng	100
69)	n-Nitrosodiphenylamine	8.483	169	42421	10.46	ng	98
71)	1,2-Diphenylhydrazine	8.520	77	43599	10.19	ng	82
72)	4-Bromophenyl-phenylether	8.846	248	15251	9.70	ng	78
73)	Hexachlorobenzene	8.905	284	19143	10.52	ng	55
74)	N-Octadecane	9.189	57	21575	9.60	ng	73
75)	Pentachlorophenol	9.103	266	3990	4.45	ng	90
76)	Phenanthrene	9.328	178	71287	10.38	ng	99
77)	Anthracene	9.381	178	71264	10.23	ng	96
78)	Carbazole	9.552	167	64858	9.96	ng	95
79)	Di-n-butylphthalate	9.937	149	67965	9.23	ng	97
80)	Fluoranthene	10.633	202	74599	9.93	ng	84
82)	Pyrene	10.895	202	83830	10.00	ng	80
83)	Benzidine	10.798	184	12361	5.74	ng	87
85)	4,4'-DDE	11.023	246	18704	9.68	ng	82
86)	Endrin	11.333	81	3958	9.80	ng	31
87)	4,4'-DDD	11.419	235	29689	9.15	ng	93
88)	Butylbenzylphthalate	11.681	149	28459	8.71	ng	70
89)	Endrin aldehyde	11.339	67	2102	10.67	ng	80
90)	4,4'-DDT	11.772	235	30375	8.88	ng	94
91)	Endrin ketone	12.237	317	4387	9.83	ng	98
92)	3,3'-Dichlorobenzidine	12.285	252	23218	10.62	ng	93
93)	Benzo[a]anthracene	12.301	228	85630	10.47	ng	98
94)	Chrysene	12.344	228	83376	10.68	ng	97
95)	bis(2-Ethylhexyl)phtha...	12.376	149	39976	8.88	ng	91
97)	Di-n-octylphthalate	13.120	149	59978	7.86	ng	98
98)	Benzo[b]fluoranthene	13.505	252	83959	9.96	ng	90
99)	Benzo[k]fluoranthene	13.532	252	83945	9.93	ng	91
100)	Benzo[a]pyrene	13.842	252	77200	9.55	ng	89
101)	Indeno[1,2,3-cd]pyrene	15.040	276	89958	9.91	ng	66
102)	Dibenzo[a,h]anthracene	15.061	278	76038	9.94	ng	81
103)	Benzo[g,h,i]perylene	15.361	276	79957	10.54	ng	76

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 10M03260.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@10PPM
Data File: 10M03260.D
Acq On : 03/ 3/09 10:10
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 10M 0303.M
Qt On : 03/03/09 10:42
Qt Upd On: 03/03/09 10:42
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03259.D Sam Mult : 1 Vial# : 7 Qt On : 03/03/09 10:39
Acq On : 03/ 3/09 09:49 Misc : A,BNA Qt Upd On: 03/03/09 09:44

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	70195	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	268979	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	162836	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	290992	40.00	ng	0.00
81) Chrysene-d12	12.317	240	318224	40.00	ng	0.00
96) Perylene-d12	13.906	264	344732	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	41702	20.34	ng	0.00
Spiked Amount 100.000			Recovery = 20.34%			
9) Phenol-d5	5.193	99	57689	20.49	ng	0.00
Spiked Amount 100.000			Recovery = 20.49%			
24) Nitrobenzene-d5	5.958	128	11716	10.13	ng	0.00
Spiked Amount 50.000			Recovery = 20.26%			
46) 2-Fluorobiphenyl	7.327	172	61597	10.70	ng	0.00
Spiked Amount 50.000			Recovery = 21.40%			
70) 2,4,6-Tribromophenol	8.605	330	23470	19.48	ng	0.00
Spiked Amount 100.000			Recovery = 19.48%			
84) Terphenyl-d14	11.087	244	91324	10.22	ng	0.00
Spiked Amount 50.000			Recovery = 20.44%			
Target Compounds						Qvalue
2) Pyridine	2.567	79	42907	21.11	ng	68
3) N-Nitrosodimethylamine	2.503	74	24179	21.70	ng	79
5) Benzaldehyde	5.118	77	37171	22.51	ng	77
6) Aniline	5.214	93	57847	17.94	ng	59
7) Pentachloroethane	5.252	117	15352	22.18	ng	75
8) bis(2-Chloroethyl)ether	5.279	93	42775	21.39	ng	78
10) Phenol	5.204	94	63102	20.51	ng	97
11) 2-Chlorophenol	5.316	128	50129	20.97	ng	76
12) N-Decane	5.370	57	42414	21.81	ng	77
13) 1,3-Dichlorobenzene	5.450	146	56098	21.59	ng	96
14) 1,4-Dichlorobenzene	5.514	146	58265	21.54	ng	98
15) 1,2-Dichlorobenzene	5.637	146	54228	21.42	ng	97
16) Benzyl alcohol	5.621	108	30546	20.45	ng	82
17) bis(2-chloroisopropyl)...	5.733	45	49052	21.32	ng	69
18) 2-Methylphenol	5.717	108	44782	20.94	ng	95
19) Acetophenone	5.835	105	72377	20.56	ng	68
20) Hexachloroethane	5.915	117	20156	20.99	ng	56
21) N-Nitroso-di-n-propyla...	5.840	70	37020	20.76	ng	71
22) 3&4-Methylphenol	5.846	108	49016	20.68	ng	100
25) Nitrobenzene	5.969	77	53610	21.71	ng	89
26) Isophorone	6.161	82	92537	20.75	ng	82
27) 2-Nitrophenol	6.220	139	27537	20.19	ng	89
28) 2,4-Dimethylphenol	6.257	107	50183	20.60	ng	95
29) Benzoic Acid	6.316	105	11896m	9.36	ng	
30) bis(2-Chloroethoxy)met...	6.332	93	54133	21.05	ng	97
31) 2,4-Dichlorophenol	6.407	162	43409	20.28	ng	87
32) 1,2,4-Trichlorobenzene	6.471	180	52025	21.39	ng	96
33) Naphthalene	6.530	128	158300	21.75	ng	98
34) 4-Chloroaniline	6.573	127	48249	20.89	ng	98
35) Hexachlorobutadiene	6.621	225	30964	21.26	ng	95
36) Caprolactam	6.819	113	16611	21.82	ng	64
37) 4-Chloro-3-methylphenol	6.931	107	45565	20.87	ng	77
38) 2-Methylnaphthalene	7.049	142	106923	21.09	ng	96
39) Methylnaphthalenes (To...	7.049	142	106923	21.09	ng	96
40) 1,1'-Biphenyl	7.407	154	133128	21.32	ng	92
42) 1,2,4,5-Tetrachloroben...	7.177	216	60267	20.92	ng	99
43) Hexachlorocyclopentadiene	7.167	237	20023	15.19	ng	97
44) 2,4,6-Trichlorophenol	7.263	196	34443	20.66	ng	99
45) 2,4,5-Trichlorophenol	7.295	196	36133	20.17	ng	99
47) 2-Chloronaphthalene	7.429	162	104142	21.75	ng	91
48) 1,4-Dimethylnaphthalene	7.702	156	82562	21.18	ng	85
49) Dimethylnaphthalenes (...	7.702	156	82562	21.18	ng	85
50) Diphenyl Ether	7.493	170	79087	20.97	ng	74
51) 2-Nitroaniline	7.509	65	36868	21.35	ng	58
52) Acenaphthylene	7.771	152	164011	20.88	ng	98
53) Dimethylphthalate	7.653	163	116928	21.29	ng	98
54) 2,6-Dinitrotoluene	7.707	165	27522	20.82	ng	54
55) Acenaphthene	7.921	153	108109	21.64	ng	96
56) 3-Nitroaniline	7.846	138	26138	23.28	ng	77
57) 2,4-Dinitrophenol	7.942	184	10776	13.35	ng	81
58) Dibenzofuran	8.071	168	149896	21.19	ng	82
59) 2,4-Dinitrotoluene	8.049	165	37549	20.99	ng	64

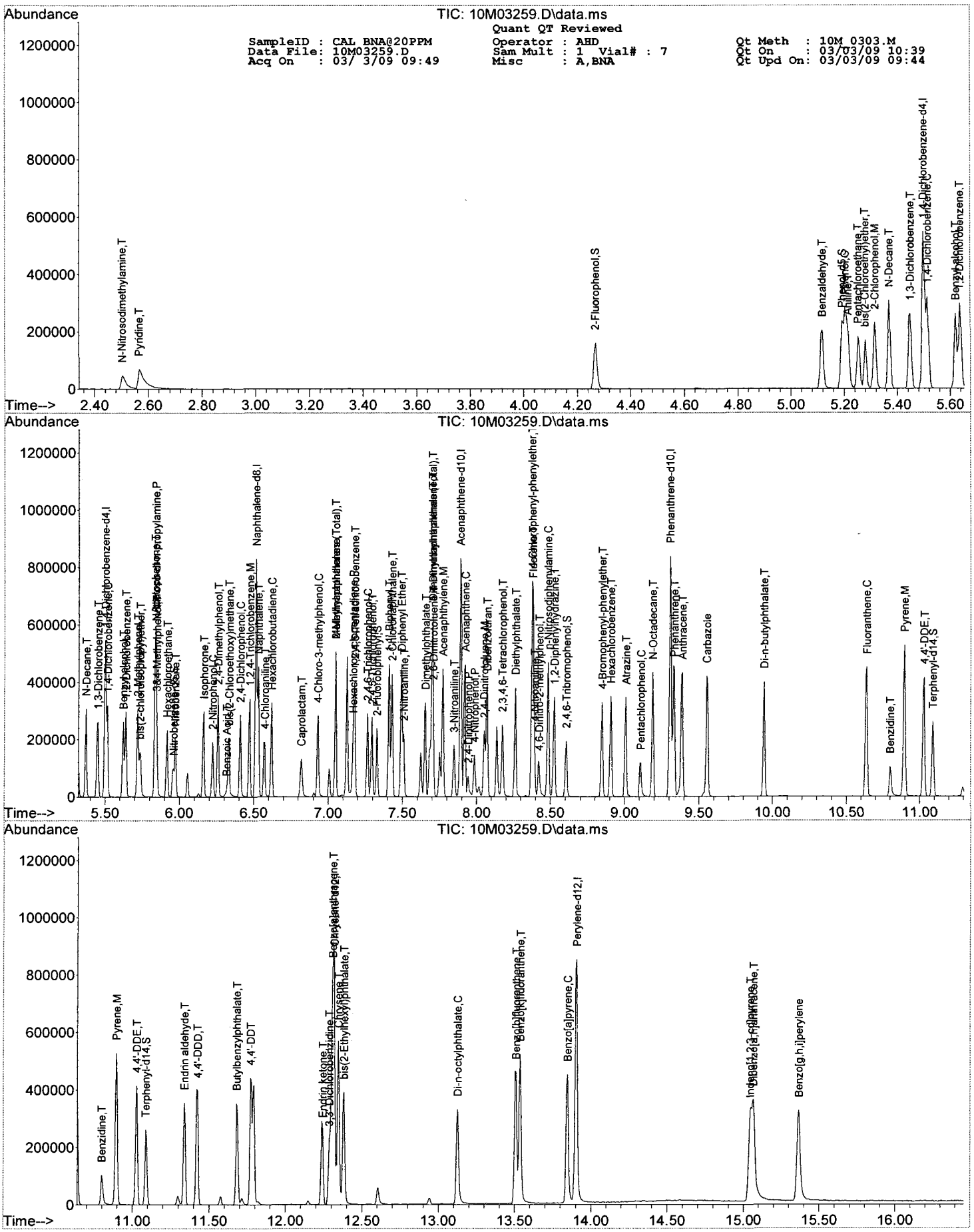
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03259.D Sam Mult : 1 Vial# : 7 Qt On : 03/03/09 10:39
Acq On : 03/ 3/09 09:49 Misc : A,BNA Qt Upd On: 03/03/09 09:44

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	7.985	65	21336	21.02	ng	94
61)	2,3,4,6-Tetrachlorophenol	8.172	232	33974	20.45	ng	79
62)	Fluorene	8.381	166	127322	21.28	ng	99
63)	4-Chlorophenyl-phenyle...	8.376	204	64784	21.64	ng	77
64)	Diethylphthalate	8.263	149	116655	21.63	ng	93
65)	4-Nitroaniline	8.392	138	28216	20.20	ng	81
66)	Atrazine	9.007	200	38778	21.66	ng	96
68)	4,6-Dinitro-2-methylph...	8.424	198	19269	16.59	ng	100
69)	n-Nitrosodiphenylamine	8.482	169	107257	20.30	ng	98
71)	1,2-Diphenylhydrazine	8.525	77	115121	20.74	ng	76
72)	4-Bromophenyl-phenylether	8.846	248	41061	20.02	ng	74
73)	Hexachlorobenzene	8.905	284	48408	20.45	ng	58
74)	N-Octadecane	9.188	57	58769	20.03	ng	70
75)	Pentachlorophenol	9.108	266	17991	14.69	ng	95
76)	Phenanthrene	9.333	178	186603	20.98	ng	96
77)	Anthracene	9.386	178	186396	20.60	ng	98
78)	Carbazole	9.552	167	176066	20.85	ng	97
79)	Di-n-butylphthalate	9.943	149	192834	20.06	ng	96
80)	Fluoranthene	10.638	202	203790	20.95	ng	83
82)	Pyrene	10.895	202	224162	20.59	ng	79
83)	Benzidine	10.798	184	45484	15.57	ng	85
85)	4,4'-DDE	11.028	246	50460	20.00	ng	88
86)	Endrin	11.339	81	10095	18.99	ng	12
87)	4,4'-DDD	11.424	235	87184	20.72	ng	94
88)	Butylbenzylphthalate	11.681	149	85002	19.91	ng	70
89)	Endrin aldehyde	11.339	67	5605	22.19	ng	78
90)	4,4'-DDT	11.772	235	88100	19.67	ng	94
91)	Endrin ketone	12.243	317	12111	20.94	ng	96
92)	3,3'-Dichlorobenzidine	12.285	252	56592	19.80	ng	95
93)	Benzo[a]anthracene	12.307	228	224383	21.22	ng	99
94)	Chrysene	12.344	228	213017	21.10	ng	98
95)	bis(2-Ethylhexyl)phtha...	12.382	149	116163	19.72	ng	89
97)	Di-n-octylphthalate	13.125	149	180732	18.44	ng	99
98)	Benzo[b]fluoranthene	13.510	252	214649	20.09	ng	88
99)	Benzo[k]fluoranthene	13.537	252	237277	22.61	ng	90
100)	Benzo[a]pyrene	13.847	252	215289	21.23	ng	85
101)	Indeno[1,2,3-cd]pyrene	15.045	276	243081	21.36	ng	65
102)	Dibenzo[a,h]anthracene	15.067	278	201428	20.94	ng	80
103)	Benzo[g,h,i]perylene	15.366	276	207349	21.90	ng	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03259.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@20PPM
Data File: 10M03259.D
Acq On : 03/ 3/09 09:49
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 10M 0303.M
Qt On : 03/03/09 10:39
Qt Upd On: 03/03/09 09:44
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->

Abundance
TIC: 10M03259.D\data.ms
N-Decane,T
1,3-Dichlorobenzene,T
Isophorone,T
Naphthalene-d8,I
Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthylene,M
Acenaphthene-d10,I
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->

Abundance
TIC: 10M03259.D\data.ms
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

Sample ID : CAL BNA@80PPM
Data File: 10M03257.D
Acq On : 03/ 3/09 09:00
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 09:22
Qt Upd On: 03/03/09 08:28

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	63611	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	239412	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	142326	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	242855	40.00	ng	0.00
81) Chrysene-d12	12.317	240	260314	40.00	ng	-0.01
96) Perylene-d12	13.906	264	279465	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	143427	81.60	ng	0.00
Spiked Amount 100.000			Recovery = 81.60%			
9) Phenol-d5	5.193	99	196720	78.27	ng	-0.01
Spiked Amount 100.000			Recovery = 78.27%			
24) Nitrobenzene-d5	5.958	128	39692	40.38	ng	0.00
Spiked Amount 50.000			Recovery = 80.76%			
46) 2-Fluorobiphenyl	7.332	172	198906	40.84	ng	0.00
Spiked Amount 50.000			Recovery = 81.68%			
70) 2,4,6-Tribromophenol	8.605	330	79407	85.34	ng	-0.01
Spiked Amount 100.000			Recovery = 85.34%			
84) Terphenyl-d14	11.092	244	282725	39.81	ng	0.00
Spiked Amount 50.000			Recovery = 79.62%			
Target Compounds						Qvalue
2) Pyridine	2.556	79	147476	86.90	ng	66
3) N-Nitrosodimethylamine	2.503	74	79232	84.51	ng	83
5) Benzaldehyde	5.118	77	115807	107.54	ng	76
6) Aniline	5.214	93	224070	80.46	ng	68
7) Pentachloroethane	5.252	117	49702	80.87	ng	71
8) bis(2-Chloroethyl)ether	5.284	93	142575	78.88	ng	77
10) Phenol	5.209	94	213910	78.43	ng	89
11) 2-Chlorophenol	5.316	128	168291	79.27	ng	82
12) N-Decane	5.369	57	140079	82.94	ng	78
13) 1,3-Dichlorobenzene	5.450	146	183616	78.83	ng	96
14) 1,4-Dichlorobenzene	5.514	146	192469	79.30	ng	97
15) 1,2-Dichlorobenzene	5.637	146	179321	78.94	ng	98
16) Benzyl alcohol	5.621	108	105440	77.77	ng	83
17) bis(2-chloroisopropyl)...	5.738	45	163984	77.30	ng	73
18) 2-Methylphenol	5.722	108	150349	78.44	ng	98
19) Acetophenone	5.840	105	246901	75.42	ng	66
20) Hexachloroethane	5.915	117	68813	81.38	ng	68
21) N-Nitroso-di-n-propyla...	5.840	70	123896	76.32	ng	77
22) 3&4-Methylphenol	5.845	108	164287	78.48	ng	95
25) Nitrobenzene	5.974	77	171041	79.78	ng	82
26) Isophorone	6.161	82	306101	77.40	ng	89
27) 2-Nitrophenol	6.225	139	94720	82.46	ng	83
28) 2,4-Dimethylphenol	6.257	107	167423	79.03	ng	97
29) Benzoic Acid	6.343	105	78965m	62.88	ng	
30) bis(2-Chloroethoxy)met...	6.332	93	178278	79.03	ng	95
31) 2,4-Dichlorophenol	6.407	162	147961	80.15	ng	89
32) 1,2,4-Trichlorobenzene	6.471	180	170753	79.89	ng	96
33) Naphthalene	6.530	128	497275	77.93	ng	97
34) 4-Chloroaniline	6.573	127	176432	84.79	ng	99
35) Hexachlorobutadiene	6.621	225	101678	80.38	ng	99
36) Caprolactam	6.851	113	54451	74.12	ng	60
37) 4-Chloro-3-methylphenol	6.937	107	151286	77.45	ng	78
38) 2-Methylnaphthalene	7.049	142	349602	78.24	ng	98
39) Methylnaphthalenes (To...	7.049	142	349602	78.24	ng	98
40) 1,1'-Biphenyl	7.413	154	430810	76.05	ng	91
42) 1,2,4,5-Tetrachloroben...	7.177	216	196557	79.39	ng	97
43) Hexachlorocyclopentadiene	7.167	237	87352	83.32	ng	97
44) 2,4,6-Trichlorophenol	7.268	196	113958	82.27	ng	98
45) 2,4,5-Trichlorophenol	7.300	196	121851	82.05	ng	98
47) 2-Chloronaphthalene	7.429	162	329381	81.17	ng	93
48) 1,4-Dimethylnaphthalene	7.701	156	264134	78.71	ng	90
49) Dimethylnaphthalenes (...	7.701	156	264134	78.71	ng	90
50) Diphenyl Ether	7.493	170	258753	79.25	ng	76
51) 2-Nitroaniline	7.509	65	120072	84.18	ng	67
52) Acenaphthylene	7.776	152	538560	80.47	ng	98
53) Dimethylphthalate	7.653	163	378908	79.95	ng	98
54) 2,6-Dinitrotoluene	7.707	165	89417	79.66	ng	60
55) Acenaphthene	7.921	153	342537	79.28	ng	97
56) 3-Nitroaniline	7.851	138	81355	83.56	ng	78
57) 2,4-Dinitrophenol	7.942	184	54082	84.94	ng	85
58) Dibenzofuran	8.070	168	477979	78.43	ng	84
59) 2,4-Dinitrotoluene	8.054	165	122213	81.49	ng	63

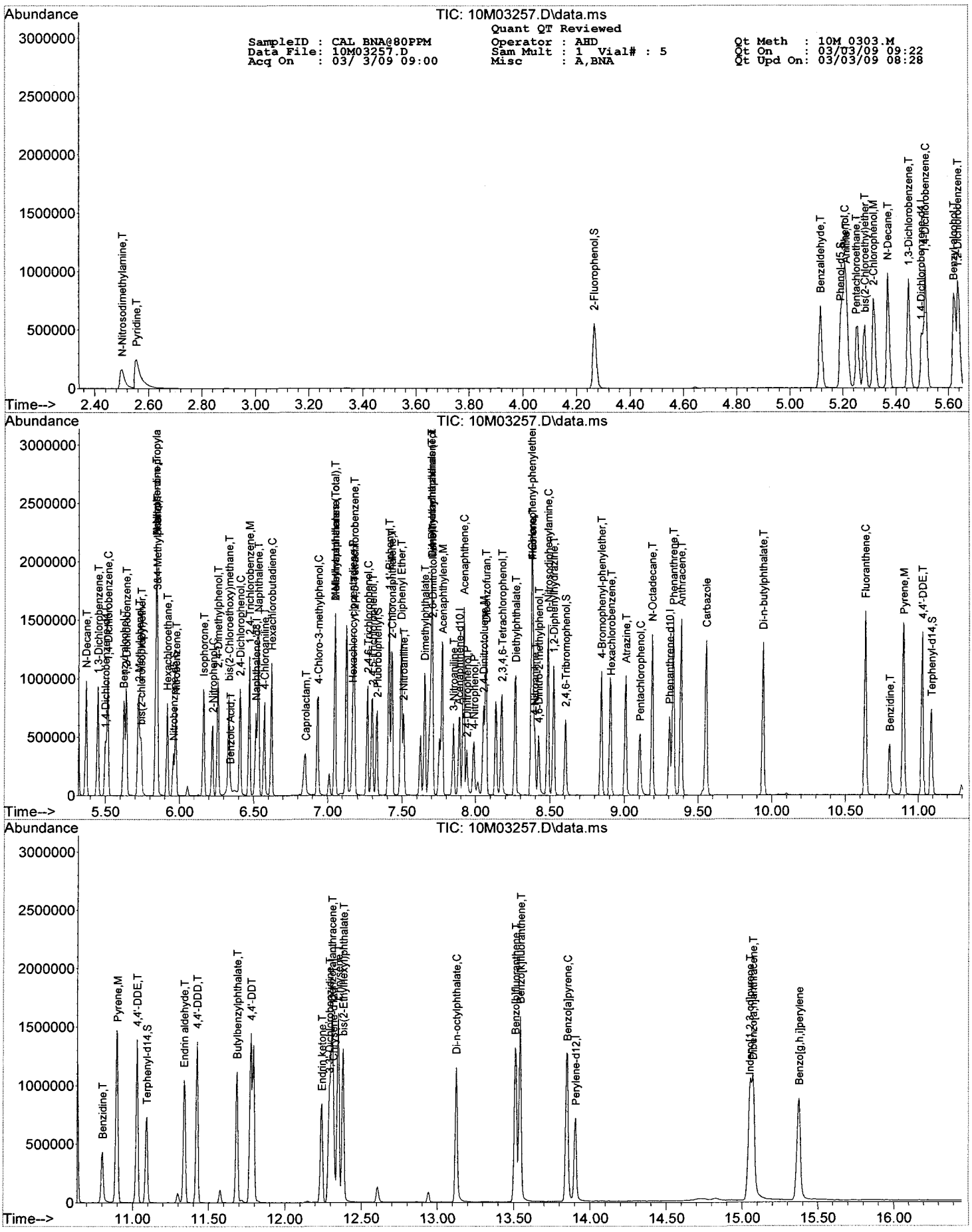
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03257.D Sam Mult : 1 Vial# : 5 Qt On : 03/03/09 09:22
Acq On : 03/ 3/09 09:00 Misc : A,BNA Qt Upd On: 03/03/09 08:28

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	7.990	65	67204	80.25	ng	89
61) 2,3,4,6-Tetrachlorophenol	8.177	232	111745	79.42	ng	79
62) Fluorene	8.381	166	406244	79.46	ng	99
63) 4-Chlorophenyl-phenyle...	8.375	204	205333	79.91	ng	80
64) Diethylphthalate	8.268	149	367589	78.83	ng	96
65) 4-Nitroaniline	8.397	138	94217	79.90	ng	81
66) Atrazine	9.012	200	123883	77.90	ng	96
68) 4,6-Dinitro-2-methylph...	8.423	198	73473	81.52	ng	100
69) n-Nitrosodiphenylamine	8.488	169	346128	80.84	ng	99
71) 1,2-Diphenylhydrazine	8.525	77	364922	82.11	ng	82
72) 4-Bromophenyl-phenylether	8.846	248	136012	82.33	ng	75
73) Hexachlorobenzene	8.910	284	155296	80.50	ng	51
74) N-Octadecane	9.188	57	194088	85.96	ng	76
75) Pentachlorophenol	9.108	266	75314	81.91	ng	100
76) Phenanthrene	9.333	178	586910	79.46	ng	97
77) Anthracene	9.386	178	591762	79.19	ng	99
78) Carbazole	9.557	167	552883	79.41	ng	96
79) Di-n-butylphthalate	9.942	149	628795	81.11	ng	97
80) Fluoranthene	10.638	202	640581	78.92	ng	85
82) Pyrene	10.900	202	688901	81.03	ng	80
83) Benzidine	10.804	184	186052	111.43	ng	82
85) 4,4'-DDE	11.028	246	162783	83.25	ng	87
86) Endrin	11.338	81	34163	82.22	ng	22
87) 4,4'-DDD	11.424	235	269091	81.43	ng	93
88) Butylbenzylphthalate	11.686	149	269619	81.45	ng	68
89) Endrin aldehyde	11.338	67	16581	84.28	ng	78
90) 4,4'-DDT	11.777	235	279217	80.61	ng	93
91) Endrin ketone	12.242	317	37024	79.03	ng	98
92) 3,3'-Dichlorobenzidine	12.291	252	196375	86.80	ng	91
93) Benzo[a]anthracene	12.307	228	675964	77.40	ng	99
94) Chrysene	12.349	228	650689	78.15	ng	97
95) bis(2-Ethylhexyl)phtha...	12.381	149	375670	78.98	ng	89
97) Di-n-octylphthalate	13.125	149	602232	75.09	ng	99
98) Benzo[b]fluoranthene	13.510	252	670999	76.01	ng	91
99) Benzo[k]fluoranthene	13.542	252	693323	78.46	ng	90
100) Benzo[a]pyrene	13.852	252	658838	78.97	ng	86
101) Indeno[1,2,3-cd]pyrene	15.050	276	745760	79.79	ng	66
102) Dibenzo[a,h]anthracene	15.072	278	620975	78.91	ng	83
103) Benzo[g,h,i]perylene	15.377	276	619119	80.15	ng	74

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03257.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@80PPM
Data File: 10M03257.D
Acq On : 03/ 3/09 09:00
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 09:22
Qt Upd On: 03/03/09 08:28
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
N-Decane,T
1,3-Dichlorobenzene,T
Time-->

Abundance
TIC: 10M03257.D\data.ms
N-Decane,T
1,3-Dichlorobenzene,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,T
Acenaphthylene,M
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->

Abundance
TIC: 10M03257.D\data.ms
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03256.D Sam Mult : 1 Vial# : 4 Qt On : 03/03/09 09:22
Acq On : 03/ 3/09 08:38 Misc : A,BNA Qt Upd On: 03/03/09 08:28

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	71023	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	269297	40.00	ng	0.00
41) Acenaphthene-d10	7.894	164	163935	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	280882	40.00	ng	0.00
81) Chrysene-d12	12.323	240	281764	40.00	ng	0.00
96) Perylene-d12	13.906	264	283816	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	249707	127.24	ng	0.00
Spiked Amount 100.000			Recovery = 127.24%			
9) Phenol-d5	5.198	99	348854	124.31	ng	0.00
Spiked Amount 100.000			Recovery = 124.31%			
24) Nitrobenzene-d5	5.958	128	71140	64.35	ng	0.00
Spiked Amount 50.000			Recovery = 128.70%			
46) 2-Fluorobiphenyl	7.332	172	348259	62.09	ng	0.00
Spiked Amount 50.000			Recovery = 124.18%			
70) 2,4,6-Tribromophenol	8.611	330	140558	130.60	ng	0.00
Spiked Amount 100.000			Recovery = 130.60%			
84) Terphenyl-d14	11.092	244	486394	63.27	ng	0.00
Spiked Amount 50.000			Recovery = 126.54%			
Target Compounds						Qvalue
2) Pyridine	2.551	79	245967	129.80	ng	66
3) N-Nitrosodimethylamine	2.503	74	135037	129.00	ng	81
5) Benzaldehyde	5.118	77	194129	161.46	ng	76
6) Aniline	5.220	93	396098	127.39	ng	68
7) Pentachloroethane	5.257	117	83135	121.15	ng	71
8) bis(2-Chloroethyl)ether	5.284	93	237540	117.71	ng	79
10) Phenol	5.214	94	375998	123.48	ng	72
11) 2-Chlorophenol	5.321	128	292492	123.39	ng	78
12) N-Decane	5.369	57	230691	122.33	ng	79
13) 1,3-Dichlorobenzene	5.450	146	312606	120.20	ng	97
14) 1,4-Dichlorobenzene	5.514	146	325867	120.26	ng	96
15) 1,2-Dichlorobenzene	5.637	146	306333	120.77	ng	98
16) Benzyl alcohol	5.626	108	183592	121.28	ng	81
17) bis(2-chloroisopropyl)...	5.739	45	280279	118.33	ng	70
18) 2-Methylphenol	5.722	108	263280	123.02	ng	96
19) Acetophenone	5.840	105	431763	118.13	ng	65
20) Hexachloroethane	5.915	117	115905	122.77	ng	69
21) N-Nitroso-di-n-propyla...	5.845	70	219395	121.04	ng	73
22) 3&4-Methylphenol	5.851	108	289879	124.02	ng	98
25) Nitrobenzene	5.974	77	300622	124.67	ng	86
26) Isophorone	6.166	82	544361	122.37	ng	85
27) 2-Nitrophenol	6.225	139	164340	127.19	ng	88
28) 2,4-Dimethylphenol	6.263	107	296698	124.51	ng	94
29) Benzoic Acid	6.359	105	164099m	116.18	ng	
30) bis(2-Chloroethoxy)met...	6.332	93	309061	121.80	ng	98
31) 2,4-Dichlorophenol	6.412	162	262538	126.44	ng	86
32) 1,2,4-Trichlorobenzene	6.471	180	290783	120.95	ng	97
33) Naphthalene	6.530	128	875680	122.01	ng	98
34) 4-Chloroaniline	6.573	127	285569	122.02	ng	99
35) Hexachlorobutadiene	6.621	225	174170	122.41	ng	97
36) Caprolactam	6.862	113	94481	114.33	ng	67
37) 4-Chloro-3-methylphenol	6.937	107	263129	119.75	ng	82
38) 2-Methylnaphthalene	7.049	142	610185	121.40	ng	99
39) Methylnaphthalenes (To...	7.049	142	610185	121.40	ng	99
40) 1,1'-Biphenyl	7.413	154	753746	118.29	ng	92
42) 1,2,4,5-Tetrachloroben...	7.177	216	346014	121.34	ng	98
43) Hexachlorocyclopentadiene	7.167	237	161875	134.05	ng	98
44) 2,4,6-Trichlorophenol	7.268	196	201564	126.34	ng	99
45) 2,4,5-Trichlorophenol	7.300	196	218551	127.77	ng	98
47) 2-Chloronaphthalene	7.434	162	572297	122.45	ng	92
48) 1,4-Dimethylnaphthalene	7.701	156	468586	121.24	ng	88
49) Dimethylnaphthalenes (...	7.701	156	468586	121.24	ng	88
50) Diphenyl Ether	7.493	170	451581	120.07	ng	76
51) 2-Nitroaniline	7.514	65	208388	126.84	ng	54
52) Acenaphthylene	7.776	152	942258	122.24	ng	99
53) Dimethylphthalate	7.659	163	657636	120.48	ng	98
54) 2,6-Dinitrotoluene	7.712	165	159187	123.12	ng	57
55) Acenaphthene	7.921	153	592546	119.07	ng	96
56) 3-Nitroaniline	7.857	138	135667	120.97	ng	76
57) 2,4-Dinitrophenol	7.947	184	100452	136.97	ng	78
58) Dibenzofuran	8.071	168	846675	120.62	ng	82
59) 2,4-Dinitrotoluene	8.060	165	213280	123.47	ng	61

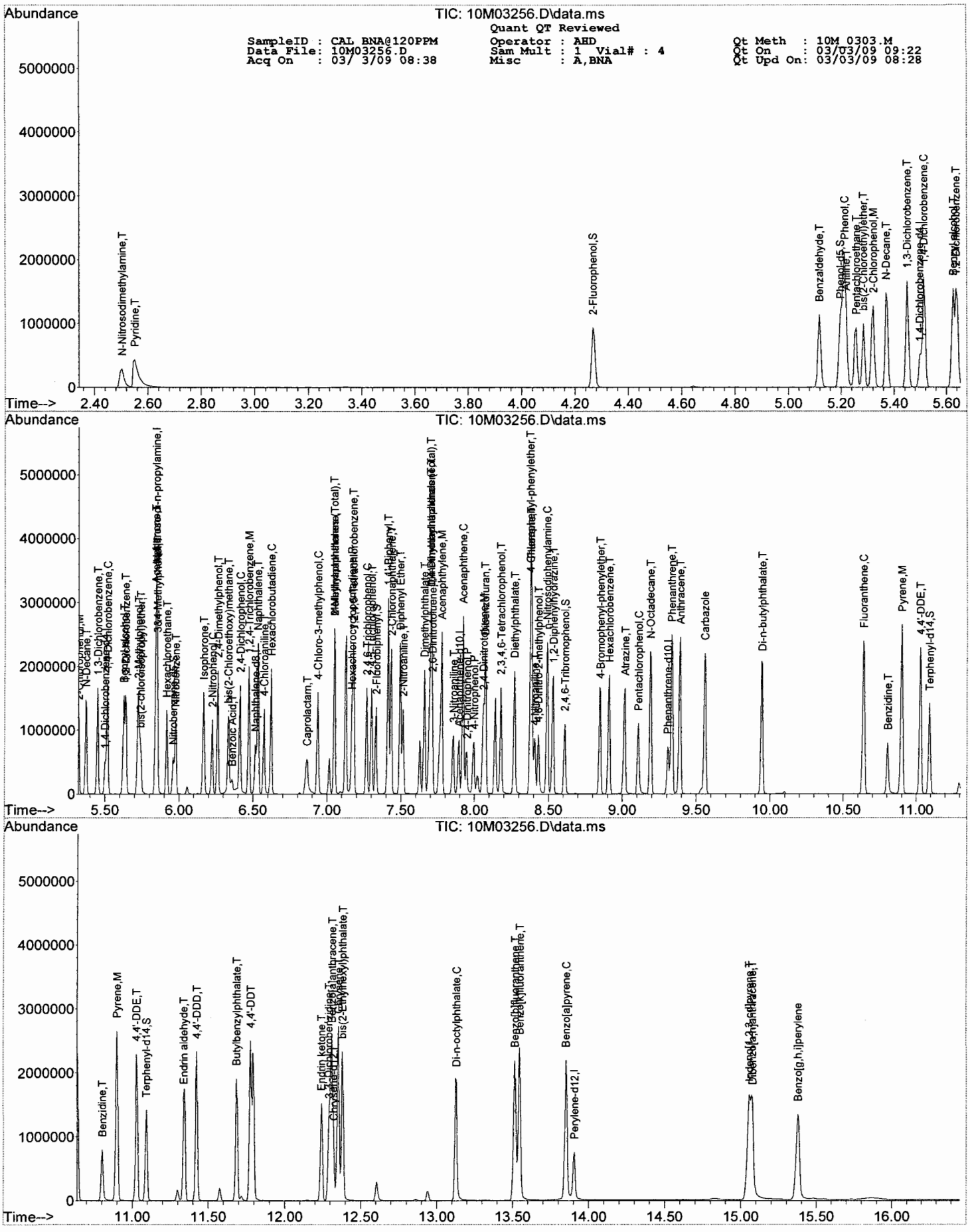
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03256.D Sam Mult : 1 Vial# : 4 Qt On : 03/03/09 09:22
Acq On : 03/ 3/09 08:38 Misc : A,BNA Qt Upd On: 03/03/09 08:28

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	7.996	65	122173	126.66	ng	84
61) 2,3,4,6-Tetrachlorophenol	8.177	232	200441	123.67	ng	79
62) Fluorene	8.381	166	716794	121.72	ng	99
63) 4-Chlorophenyl-phenyle...	8.375	204	357610	120.83	ng	83
64) Diethylphthalate	8.268	149	646172	120.31	ng	95
65) 4-Nitroaniline	8.407	138	167479	123.31	ng	77
66) Atrazine	9.017	200	211892	115.68	ng	93
68) 4,6-Dinitro-2-methylph...	8.429	198	136944	131.36	ng	100
69) n-Nitrosodiphenylamine	8.488	169	614370	124.06	ng	99
71) 1,2-Diphenylhydrazine	8.531	77	642137	124.93	ng	76
72) 4-Bromophenyl-phenylether	8.851	248	237064	124.07	ng	73
73) Hexachlorobenzene	8.910	284	273668	122.65	ng	53
74) N-Octadecane	9.188	57	338673	129.68	ng	73
75) Pentachlorophenol	9.108	266	146239	137.51	ng	97
76) Phenanthrene	9.333	178	1021726	119.59	ng	97
77) Anthracene	9.392	178	1038725	120.19	ng	98
78) Carbazole	9.557	167	965329	119.88	ng	96
79) Di-n-butylphthalate	9.948	149	1111763	123.99	ng	96
80) Fluoranthene	10.638	202	1105887	117.80	ng	86
82) Pyrene	10.900	202	1184940	128.77	ng	82
83) Benzidine	10.804	184	312102	172.70	ng	81
85) 4,4'-DDE	11.028	246	273204	129.09	ng	87
86) Endrin	11.339	81	58903	130.96	ng	23
87) 4,4'-DDD	11.424	235	457384	127.88	ng	93
88) Butylbenzylphthalate	11.686	149	462907	129.20	ng	71
89) Endrin aldehyde	11.339	67	27415	128.74	ng	78
90) 4,4'-DDT	11.777	235	484552	129.24	ng	93
91) Endrin ketone	12.242	317	62226	122.71	ng	97
92) 3,3'-Dichlorobenzidine	12.291	252	310894	126.96	ng	94
93) Benzo[a]anthracene	12.312	228	1130832	119.63	ng	98
94) Chrysene	12.355	228	1058946	117.51	ng	97
95) bis(2-Ethylhexyl)phtha...	12.382	149	637722	123.87	ng	90
97) Di-n-octylphthalate	13.130	149	1038375	127.49	ng	99
98) Benzo[b]fluoranthene	13.515	252	1131652	126.23	ng	89
99) Benzo[k]fluoranthene	13.548	252	1046226	116.58	ng	88
100) Benzo[a]pyrene	13.852	252	1029033	121.45	ng	89
101) Indeno[1,2,3-cd]pyrene	15.056	276	1134593	119.54	ng	67
102) Dibenzo[a,h]anthracene	15.077	278	949371	118.79	ng	81
103) Benzo[g,h,i]perylene	15.377	276	938570	119.64	ng	74

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@120PPM
Data File: 10M03256.D
Acq On : 03/ 3/09 08:38
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 10M 0303.M
Qt On : 03/03/09 09:22
Qt Upd On: 03/03/09 08:28
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Aniline,T
Pentachloroethane
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
Time-->

Abundance
TIC: 10M03256.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2-Nitrophenol,T
2,4-Dimethylphenol,T
Benzoic Acid,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
4-Chloroaniline,T
Hexachlorobutadiene,C
Acenaphthylene,M
Acenaphthene,C
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
4,4'-DDE,T
Time-->

Abundance
TIC: 10M03256.D\data.ms
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

Sample ID : CAL BNA@160PPM
Data File: 10M03255.D
Acq On : 03/ 3/09 08:16
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 09:22
Qt Upd On: 03/03/09 08:28

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.503	152	70638	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	267733	40.00	ng	0.00
41) Acenaphthene-d10	7.894	164	162147	40.00	ng	0.00
67) Phenanthrene-d10	9.311	188	280613	40.00	ng	0.00
81) Chrysene-d12	12.323	240	297685	40.00	ng	0.00
96) Perylene-d12	13.906	264	307353	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.273	112	339021	173.69	ng	0.00
Spiked Amount 100.000			Recovery = 173.69%			
9) Phenol-d5	5.204	99	463241	165.97	ng	0.00
Spiked Amount 100.000			Recovery = 165.97%			
24) Nitrobenzene-d5	5.963	128	92787	84.42	ng	0.00
Spiked Amount 50.000			Recovery = 168.84%			
46) 2-Fluorobiphenyl	7.332	172	459348	82.79	ng	0.00
Spiked Amount 50.000			Recovery = 165.58%			
70) 2,4,6-Tribromophenol	8.611	330	189452	176.20	ng	0.00
Spiked Amount 100.000			Recovery = 176.20%			
84) Terphenyl-d14	11.092	244	671643	82.70	ng	0.00
Spiked Amount 50.000			Recovery = 165.40%			
Target Compounds						Qvalue
2) Pyridine	2.551	79	318880	169.20	ng	65
3) N-Nitrosodimethylamine	2.503	74	178046	171.02	ng	81
5) Benzaldehyde	5.118	77	253930	212.35	ng	79
6) Aniline	5.220	93	537566	173.83	ng	68
7) Pentachloroethane	5.257	117	112253	164.47	ng	69
8) bis(2-Chloroethyl)ether	5.289	93	324559	161.70	ng	75
10) Phenol	5.214	94	504542	166.59	ng	77
11) 2-Chlorophenol	5.321	128	394157	167.19	ng	78
12) N-Decane	5.375	57	320491	170.88	ng	74
13) 1,3-Dichlorobenzene	5.450	146	426849	165.03	ng	99
14) 1,4-Dichlorobenzene	5.514	146	443280	164.48	ng	98
15) 1,2-Dichlorobenzene	5.642	146	416703	165.18	ng	98
16) Benzyl alcohol	5.626	108	248047	164.75	ng	82
17) bis(2-chloroisopropyl)...	5.738	45	377156	160.09	ng	71
18) 2-Methylphenol	5.722	108	350883	164.85	ng	98
19) Acetophenone	5.845	105	582183	160.15	ng	67
20) Hexachloroethane	5.915	117	156751	166.94	ng	71
21) N-Nitroso-di-n-propyla...	5.845	70	293736	162.94	ng	77
22) 3&4-Methylphenol	5.856	108	392241	168.73	ng	96
25) Nitrobenzene	5.979	77	399535	166.65	ng	81
26) Isophorone	6.166	82	720308	162.87	ng	87
27) 2-Nitrophenol	6.225	139	222942	173.55	ng	90
28) 2,4-Dimethylphenol	6.263	107	396132	167.20	ng	95
29) Benzoic Acid	6.370	105	243667m	173.52	ng	
30) bis(2-Chloroethoxy)met...	6.338	93	420765	166.79	ng	97
31) 2,4-Dichlorophenol	6.412	162	347255	168.21	ng	88
32) 1,2,4-Trichlorobenzene	6.471	180	396452	165.87	ng	97
33) Naphthalene	6.535	128	1185016	166.07	ng	98
34) 4-Chloroaniline	6.573	127	353929	152.11	ng	100
35) Hexachlorobutadiene	6.621	225	236125	166.92	ng	97
36) Caprolactam	6.878	113	125901	153.24	ng	62
37) 4-Chloro-3-methylphenol	6.937	107	354750	162.39	ng	85
38) 2-Methylnaphthalene	7.054	142	827611	165.63	ng	99
39) Methylnaphthalenes (To...	7.054	142	827611	165.63	ng	99
40) 1,1'-Biphenyl	7.413	154	1025679	161.91	ng	93
42) 1,2,4,5-Tetrachloroben...	7.183	216	468425	166.08	ng	97
43) Hexachlorocyclopentadiene	7.167	237	230138	192.68	ng	98
44) 2,4,6-Trichlorophenol	7.268	196	272296	172.55	ng	99
45) 2,4,5-Trichlorophenol	7.300	196	290049	171.44	ng	99
47) 2-Chloronaphthalene	7.434	162	780089	168.75	ng	92
48) 1,4-Dimethylnaphthalene	7.701	156	634460	165.96	ng	90
49) Dimethylnaphthalenes (...	7.701	156	634460	165.96	ng	90
50) Diphenyl Ether	7.498	170	613979	165.05	ng	70
51) 2-Nitroaniline	7.514	65	281513	173.23	ng	63
52) Acenaphthylene	7.776	152	1270813	166.68	ng	99
53) Dimethylphthalate	7.664	163	886776	164.24	ng	98
54) 2,6-Dinitrotoluene	7.717	165	214612	167.81	ng	51
55) Acenaphthene	7.926	153	818619	166.31	ng	95
56) 3-Nitroaniline	7.857	138	171080	154.23	ng	77
57) 2,4-Dinitrophenol	7.947	184	139103	191.77	ng	84
58) Dibenzofuran	8.076	168	1152683	166.02	ng	81
59) 2,4-Dinitrotoluene	8.065	165	291992	170.90	ng	62

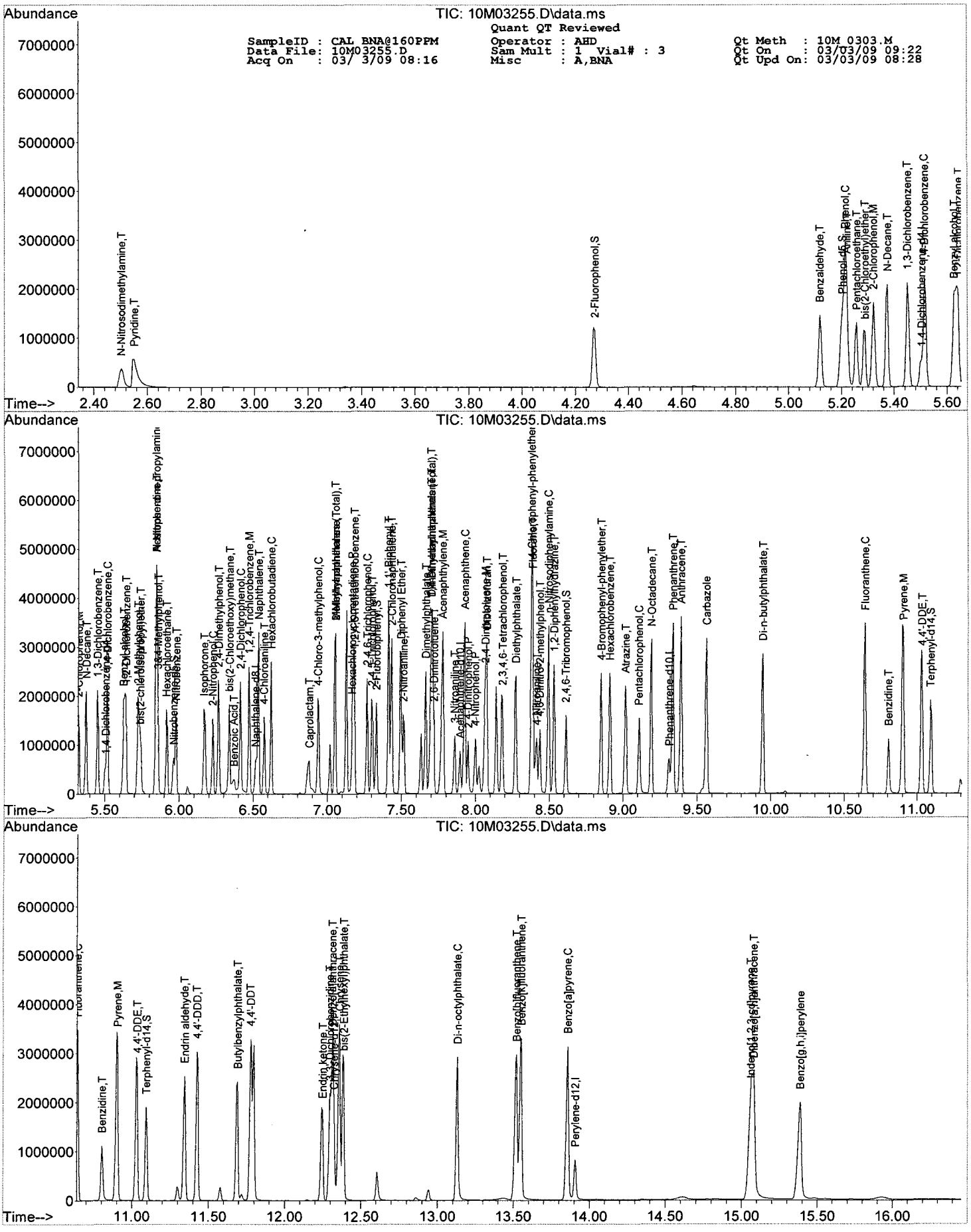
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03255.D Sam Mult : 1 Vial# : 3 Qt On : 03/03/09 09:22
Acq On : 03/ 3/09 08:16 Misc : A,BNA Qt Upd On: 03/03/09 08:28

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	7.996	65	168643	176.77	ng	90
61) 2,3,4,6-Tetrachlorophenol	8.183	232	272394	169.92	ng	80
62) Fluorene	8.386	166	979133	168.10	ng	99
63) 4-Chlorophenyl-phenyle...	8.381	204	485921	165.99	ng	77
64) Diethylphthalate	8.274	149	883048	166.22	ng	95
65) 4-Nitroaniline	8.413	138	228865	170.37	ng	80
66) Atrazine	9.017	200	292857	161.65	ng	94
68) 4,6-Dinitro-2-methylph...	8.434	198	190557	182.97	ng	100
69) n-Nitrosodiphenylamine	8.493	169	823219	166.40	ng	99
71) 1,2-Diphenylhydrazine	8.530	77	876272	170.64	ng	81
72) 4-Bromophenyl-phenylether	8.851	248	320427	167.86	ng	75
73) Hexachlorobenzene	8.910	284	368850	165.46	ng	56
74) N-Octadecane	9.194	57	466412	178.77	ng	70
75) Pentachlorophenol	9.108	266	208545	196.29	ng	97
76) Phenanthrene	9.338	178	1407432	164.90	ng	97
77) Anthracene	9.392	178	1430598	165.69	ng	98
78) Carbazole	9.563	167	1335757	166.05	ng	96
79) Di-n-butylphthalate	9.948	149	1515637	169.19	ng	97
80) Fluoranthene	10.643	202	1527725	162.89	ng	85
82) Pyrene	10.905	202	1649944	169.71	ng	80
83) Benzidine	10.804	184	432564	226.56	ng	82
85) 4,4'-DDE	11.034	246	384717	172.05	ng	86
86) Endrin	11.344	81	81894	172.34	ng	21
87) 4,4'-DDD	11.424	235	649994	172.01	ng	93
88) Butylbenzylphthalate	11.692	149	650733	171.91	ng	67
89) Endrin aldehyde	11.344	67	37794	167.99	ng	78
90) 4,4'-DDT	11.777	235	689624	174.09	ng	93
91) Endrin ketone	12.248	317	88388	164.98	ng	98
92) 3,3'-Dichlorobenzidine	12.296	252	418753	161.86	ng	94
93) Benzo[a]anthracene	12.312	228	1613126	161.52	ng	98
94) Chrysene	12.360	228	1532100	160.92	ng	95
95) bis(2-Ethylhexyl)phtha...	12.387	149	901909	165.82	ng	88
97) Di-n-octylphthalate	13.130	149	1492424	169.20	ng	99
98) Benzo[b]fluoranthene	13.521	252	1571125	161.83	ng	89
99) Benzo[k]fluoranthene	13.553	252	1608500	165.52	ng	89
100) Benzo[a]pyrene	13.858	252	1532477	167.02	ng	87
101) Indeno[1,2,3-cd]pyrene	15.061	276	1739668	169.25	ng	68
102) Dibenzo[a,h]anthracene	15.083	278	1481133	171.14	ng	82
103) Benzo[g,h,i]perylene	15.387	276	1438104	169.27	ng	74

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03255.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@160PPM
Data File: 10M03255.D
Acq On : 03/ 3/09 08:16
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 10M 0303.M
Qt On : 03/03/09 09:22
Qt Upd On: 03/03/09 08:28
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d6,S
Aniline,T
Pentachloroethane,T
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
Benzyl alcohol,T
Time-->
Caprolactam,T
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,T
Acenaphthylene,M
Acenaphthene,C
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03254.D Sam Mult : 1 Vial# : 2 Qt On : 03/03/09 08:28
Acq On : 03/ 3/09 07:54 Misc : A,BNA Qt Upd On: 03/03/09 08:28

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	66568	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	256136	40.00	ng	0.00
41) Acenaphthene-d10	7.894	164	155329	40.00	ng	0.00
67) Phenanthrene-d10	9.311	188	265625	40.00	ng	0.00
81) Chrysene-d12	12.328	240	277765	40.00	ng	0.00
96) Perylene-d12	13.911	264	307148	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	389955	212.00	ng	0.00
Spiked Amount 100.000			Recovery =	212.00%		
9) Phenol-d5	5.204	99	535497	203.59	ng	0.00
Spiked Amount 100.000			Recovery =	203.59%		
24) Nitrobenzene-d5	5.963	128	108023	102.73	ng	0.00
Spiked Amount 50.000			Recovery =	205.46%		
46) 2-Fluorobiphenyl	7.332	172	539153	101.44	ng	0.00
Spiked Amount 50.000			Recovery =	202.88%		
70) 2,4,6-Tribromophenol	8.616	330	221216	217.35	ng	0.00
Spiked Amount 100.000			Recovery =	217.35%		
84) Terphenyl-d14	11.098	244	771280	101.78	ng	0.00
Spiked Amount 50.000			Recovery =	203.56%		
Target Compounds						Qvalue
2) Pyridine	2.540	79	374532	210.88	ng	68
3) N-Nitrosodimethylamine	2.497	74	212446	216.53	ng	80
5) Benzaldehyde	5.118	77	316047	280.46	ng	80
6) Aniline	5.220	93	624021	214.13	ng	69
7) Pentachloroethane	5.257	117	128874	200.37	ng	69
8) bis(2-Chloroethyl)ether	5.289	93	380952	201.41	ng	75
10) Phenol	5.214	94	594468	208.28	ng	78
11) 2-Chlorophenol	5.321	128	454984	204.79	ng	78
12) N-Decane	5.369	57	365162	206.60	ng	78
13) 1,3-Dichlorobenzene	5.450	146	489057	200.64	ng	98
14) 1,4-Dichlorobenzene	5.514	146	507521	199.83	ng	97
15) 1,2-Dichlorobenzene	5.642	146	478888	201.44	ng	98
16) Benzyl alcohol	5.626	108	289629	204.13	ng	82
17) bis(2-chloroisopropyl)...	5.738	45	434913	195.90	ng	70
18) 2-Methylphenol	5.722	108	408483	203.65	ng	97
19) Acetophenone	5.845	105	675312	197.13	ng	66
20) Hexachloroethane	5.915	117	181473	205.08	ng	72
21) N-Nitroso-di-n-propyla...	5.851	70	343947	202.45	ng	71
22) 3&4-Methylphenol	5.856	108	456688	208.46	ng	99
25) Nitrobenzene	5.979	77	459428	200.31	ng	81
26) Isophorone	6.172	82	842697	199.17	ng	84
27) 2-Nitrophenol	6.225	139	258287	210.16	ng	90
28) 2,4-Dimethylphenol	6.268	107	457680	201.93	ng	93
29) Benzoic Acid	6.380	105	285430m	212.46	ng	
30) bis(2-Chloroethoxy)met...	6.338	93	486492	201.58	ng	97
31) 2,4-Dichlorophenol	6.418	162	405397	205.27	ng	84
32) 1,2,4-Trichlorobenzene	6.471	180	457102	199.91	ng	98
33) Naphthalene	6.535	128	1391158	203.79	ng	98
34) 4-Chloroaniline	6.573	127	355752	159.81	ng	99
35) Hexachlorobutadiene	6.621	225	272402	201.28	ng	96
36) Caprolactam	6.883	113	127529	162.25	ng	63
37) 4-Chloro-3-methylphenol	6.942	107	413691	197.95	ng	80
38) 2-Methylnaphthalene	7.054	142	963471	201.54	ng	99
39) Methylnaphthalenes (To...	7.054	142	963471	201.54	ng	99
40) 1,1'-Biphenyl	7.413	154	1182419	195.10	ng	93
42) 1,2,4,5-Tetrachloroben...	7.183	216	539054	199.51	ng	98
43) Hexachlorocyclopentadiene	7.172	237	266462	232.88	ng	97
44) 2,4,6-Trichlorophenol	7.268	196	314900	208.31	ng	99
45) 2,4,5-Trichlorophenol	7.306	196	336239	207.47	ng	99
47) 2-Chloronaphthalene	7.434	162	891449	201.30	ng	93
48) 1,4-Dimethylnaphthalene	7.707	156	735046	200.71	ng	86
49) Dimethylnaphthalenes (...	7.707	156	735046	200.71	ng	86
50) Diphenyl Ether	7.498	170	709169	199.01	ng	72
51) 2-Nitroaniline	7.520	65	320532	205.90	ng	53
52) Acenaphthylene	7.782	152	1485866	203.44	ng	99
53) Dimethylphthalate	7.664	163	1030980	199.34	ng	99
54) 2,6-Dinitrotoluene	7.717	165	250271	204.29	ng	54
55) Acenaphthene	7.926	153	935186	198.33	ng	96
56) 3-Nitroaniline	7.862	138	189831	178.64	ng	73
57) 2,4-Dinitrophenol	7.953	184	159530	229.58	ng	74
58) Dibenzofuran	8.076	168	1342036	201.78	ng	82
59) 2,4-Dinitrotoluene	8.065	165	336807	205.78	ng	66

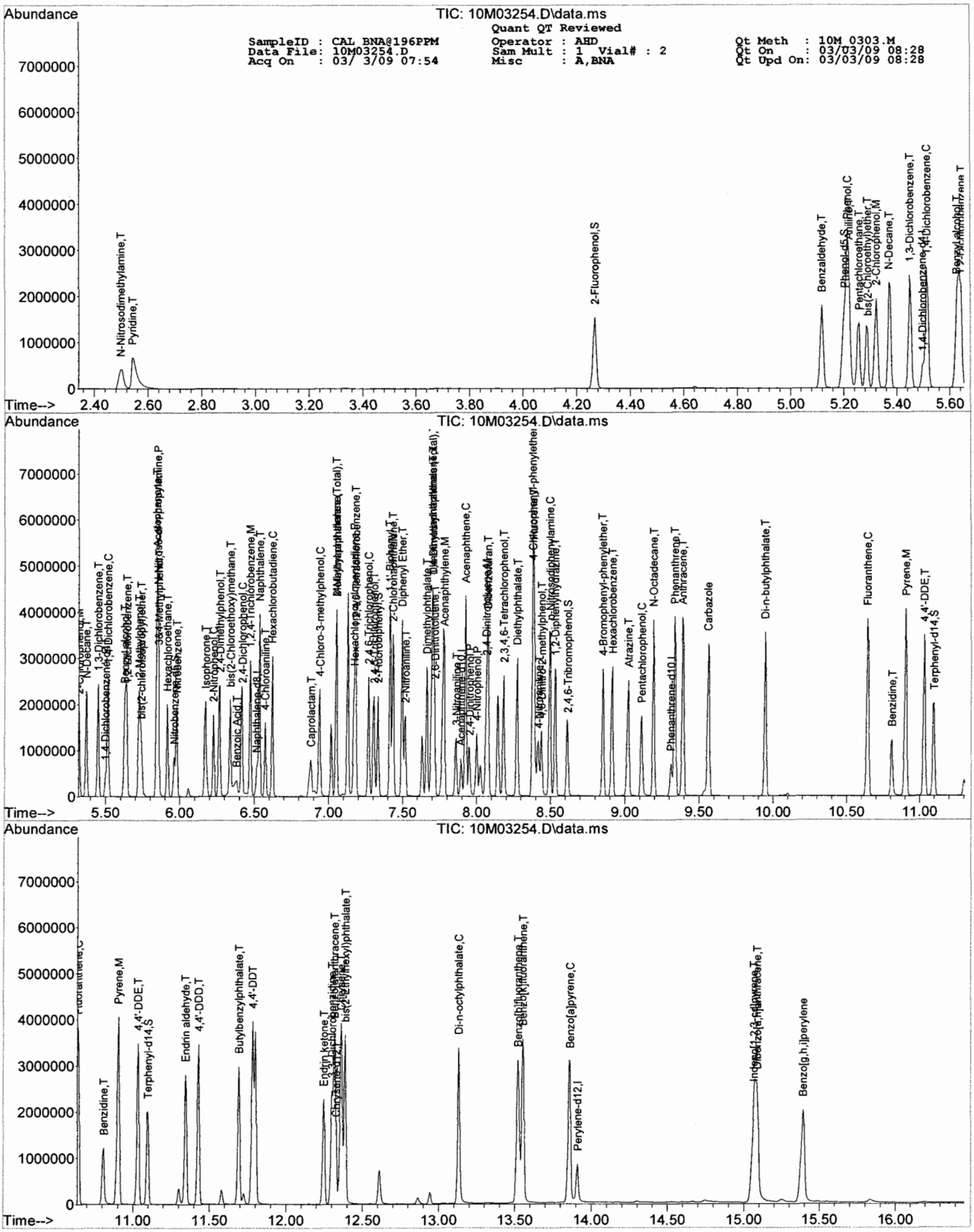
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03254.D Sam Mult : 1 Vial# : 2 Qt On : 03/03/09 08:28
Acq On : 03/ 3/09 07:54 Misc : A,BNA Qt Upd On: 03/03/09 08:28

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.001	65	196760	215.29	ng	92
61)	2,3,4,6-Tetrachlorophenol	8.183	232	320957	209.00	ng	80
62)	Fluorene	8.386	166	1121576	201.01	ng	99
63)	4-Chlorophenyl-phenyle...	8.381	204	565711	201.73	ng	78
64)	Diethylphthalate	8.274	149	1010853	198.63	ng	96
65)	4-Nitroaniline	8.418	138	268679	208.78	ng	79
66)	Atrazine	9.023	200	336139	193.68	ng	93
68)	4,6-Dinitro-2-methylph...	8.440	198	220672	223.84	ng	100
69)	n-Nitrosodiphenylamine	8.498	169	964007	205.85	ng	99
71)	1,2-Diphenylhydrazine	8.530	77	998493	205.41	ng	83
72)	4-Bromophenyl-phenylether	8.851	248	372668	206.24	ng	79
73)	Hexachlorobenzene	8.916	284	428900	203.26	ng	52
74)	N-Octadecane	9.194	57	539615	218.50	ng	72
75)	Pentachlorophenol	9.113	266	248236	246.83	ng	97
76)	Phenanthrene	9.338	178	1595533	197.49	ng	98
77)	Anthracene	9.392	178	1657037	202.75	ng	99
78)	Carbazole	9.563	167	1506743	197.87	ng	96
79)	Di-n-butylphthalate	9.948	149	1767861	208.48	ng	97
80)	Fluoranthene	10.643	202	1758859	198.12	ng	87
82)	Pyrene	10.905	202	1867632	205.88	ng	83
83)	Benzidine	10.809	184	518391	290.98	ng	81
85)	4,4'-DDE	11.034	246	434660	208.33	ng	86
86)	Endrin	11.344	81	91780	207.00	ng	18
87)	4,4'-DDD	11.429	235	723639	205.23	ng	93
88)	Butylbenzylphthalate	11.692	149	746768	211.43	ng	72
89)	Endrin aldehyde	11.344	67	43423	206.85	ng	77
90)	4,4'-DDT	11.782	235	790094	213.76	ng	93
91)	Endrin ketone	12.248	317	98924	197.89	ng	99
92)	3,3'-Dichlorobenzidine	12.301	252	416366	172.48	ng	94
93)	Benzo[a]anthracene	12.317	228	1792370	192.34	ng	98
94)	Chrysene	12.360	228	1725542	194.23	ng	96
95)	bis(2-Ethylhexyl)phtha...	12.387	149	1032821	203.51	ng	89
97)	Di-n-octylphthalate	13.130	149	1711442	194.16	ng	100
98)	Benzo[b]fluoranthene	13.521	252	1751367	180.51	ng	90
99)	Benzo[k]fluoranthene	13.553	252	1721665	177.28	ng	89
100)	Benzo[a]pyrene	13.863	252	1634326	178.23	ng	87
101)	Indeno[1,2,3-cd]pyrene	15.067	276	1797066	174.95	ng	67
102)	Dibenzo[a,h]anthracene	15.088	278	1539693	178.02	ng	82
103)	Benzo[g,h,i]perylene	15.393	276	1495875	176.19	ng	74

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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Quant QT Reviewed
SampleID : CAL BNA@196PPM
Data File: 10M03254.D
Acq On : 03/ 3/09 07:54
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 10M 0303.M
Qt On : 03/03/09 08:28
Qt Upd On: 03/03/09 08:28
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Aniline,T
Phenol,C
Pentachloroethane,T
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
Benzyl alcohol,T
Time-->

Abundance
TIC: 10M03254.D\data.ms
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
Benzyl alcohol,T
bis(2-chloroethyl)ether,T
Nitrobenzene-d5,I
Nitrobenzene,T
Hexachloroethane,T
Isophorone,T
2-Nitrophenol,T
2,4-Dimethylphenol,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
Benzoic Acid,T
Naphthalene-d8,I
4-Chloroaniline,T
Hexachlorobutadiene,C
Caprolactam,T
4-Chloro-3-methylphenol,C
2-Methylnaphthalene,T
Hexachlorocyclopentadiene,T
2,4,6-Trichlorophenol,C
2-Chloronaphthalene,T
2-Nitroaniline,T
Dimethylphthalate,T
Acenaphthylene,M
Diphenyl Ether,T
2-Nitroaniline,T
Acenaphthene,C
2,6-Dinitrotoluene,T
2,4-Dinitrophenol,P
4-Nitrophenol,P
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Chlorophenyl-phenylether,T
4-Nitroaniline,T
2-methylphenol,T
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Time-->

Abundance
TIC: 10M03254.D\data.ms
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Benzo(a)anthracene,T
Chrysene-d12,I
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo(b)fluoranthene,T
Benzo(k)fluoranthene,T
Benzo(a)pyrene,C
Perylene-d12,I
Indeno(1,2,3-cd)pyrene,T
Dibenz(a,h)anthracene,T
Benzo(g,h,i)perylene
Time-->

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M49159.	CAL BNA@50PPM	03/03/09 09:54	2	5M49162.	CAL BNA@2PPM	03/03/09 11:00
3	5M49161.	CAL BNA@10PPM	03/03/09 10:38	4	5M49160.	CAL BNA@20PPM	03/03/09 10:16
5	5M49158.	CAL BNA@80PPM	03/03/09 09:32	6	5M49157.	CAL BNA@120PPM	03/03/09 08:48
7	5M49156.	CAL BNA@160PPM	03/03/09 08:19	8	5M49155.	CAL BNA@196PPM	03/03/09 07:57

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	0.9657	-----	0.8697	0.9297	1.0331	1.0961	1.1207	1.1595	-----	1.02	2.89	0.998	1.00	10		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.5321	-----	0.4470	0.5652	0.5654	0.5870	0.6128	0.6359	-----	0.564	2.82	0.997	1.00	11		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.0902	1.1330	1.1142	1.2081	1.1977	1.2861	1.3216	1.3522	-----	1.21	4.49	0.997	1.00	8.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Avg	0.8881	1.0052	0.9656	1.0046	0.8780	0.8702	0.8743	0.9460	-----	0.929	5.34	0.996	0.998	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	Avg	1.6117	1.2756	1.3234	1.5606	1.6960	1.7351	1.7775	1.7739	-----	1.59	5.43	1.00	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.3921	0.3930	0.4282	0.4168	0.3979	0.3996	0.4080	0.3985	-----	0.404	5.47	1.00	1.00	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.0020	1.0843	1.0995	1.1344	1.0450	1.0553	1.0601	1.0543	-----	1.07	5.49	1.00	1.00	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.4702	1.5260	1.5198	1.5721	1.5182	1.5872	1.6420	1.6541	-----	1.56	5.40	0.999	1.00	4.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.5414	1.5617	1.6190	1.7030	1.6157	1.6621	1.7131	1.7090	-----	1.64	5.41	0.999	1.00	4.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.2913	1.3356	1.3662	1.4337	1.3403	1.3544	1.3667	1.3464	-----	1.35	5.54	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	0.8678	0.9608	0.9331	0.9412	0.8441	0.8483	0.8648	0.8453	-----	0.888	5.58	1.00	1.00	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.3-Dichlorobenzene	1	0	Avg	1.4651	1.6234	1.5942	1.6105	1.4719	1.4712	1.5183	1.4660	-----	1.53	5.66	0.999	0.999	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dichlorobenzene	1	0	Avg	1.5263	1.8182	1.6246	1.6652	1.5000	1.5179	1.5456	1.5078	-----	1.59	5.73	1.00	1.00	6.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Dichlorobenzene	1	0	Avg	1.3758	1.5217	1.5626	1.5535	1.3700	1.3845	1.4029	1.3556	-----	1.44	5.86	0.999	0.999	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.7837	0.7165	0.8673	0.8580	0.8057	0.7979	0.8181	0.8052	-----	0.807	5.83	1.00	1.00	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)et	1	0	Avg	0.8587	1.0313	1.0252	0.9763	0.8703	0.8427	0.8727	0.8433	-----	0.915	5.95	0.999	0.999	8.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.0759	1.1295	1.1862	1.1813	1.0990	1.0849	1.1349	1.0804	-----	1.12	5.93	0.999	0.999	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	1.8059	2.0687	2.0725	2.0612	1.8583	1.8531	1.9081	1.8605	-----	1.94	6.05	0.999	0.999	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5185	0.5860	0.5674	0.5660	0.5034	0.5184	0.5316	0.5073	-----	0.537	6.13	0.999	0.999	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.7797	0.7878	0.8771	0.8684	0.7882	0.7872	0.7893	0.7736	-----	0.806	6.05	1.00	1.00	5.1	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.1201	1.1104	1.2479	1.2908	1.1630	1.1631	1.2244	1.1733	-----	1.19	6.05	0.999	0.999	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1682	0.1659	0.1777	0.1886	0.1702	0.1713	0.1774	0.1742	-----	0.174	6.18	0.999	1.00	4.1		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3295	0.3453	0.3490	0.3550	0.3271	0.3231	0.3312	0.3293	-----	0.336	6.19	1.00	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.5993	0.5927	0.6389	0.6599	0.6036	0.5964	0.6280	0.6127	-----	0.616	6.38	0.999	0.999	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1939	0.1790	0.1998	0.2109	0.1977	0.1997	0.2076	0.2003	-----	0.199	6.44	0.999	0.999	4.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dimethylphenol	1	0	Avg	0.3647	0.3653	0.3669	0.3874	0.3576	0.3632	0.3780	0.3641	-----	0.368	6.47	0.999	0.999	2.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.1812	-----	0.0673	0.1461	0.2044	0.2332	0.2484	0.2464	-----	0.190	6.55	0.997	0.998	35		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.3398	0.3814	0.3586	0.3661	0.3407	0.3371	0.3507	0.3413	-----	0.352	6.55	0.999	0.999	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dichlorophenol	1	0	Avg	0.3142	0.3217	0.3317	0.3432	0.3224	0.3196	0.3371	0.3209	-----	0.326	6.63	0.999	0.999	3.0	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4-Trichlorobenzene	1	0	Avg	0.3902	0.4270	0.4060	0.4311	0.3822	0.3805	0.3942	0.3784	-----	0.399	6.69	0.999	0.999	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0252	1.1532	1.1071	1.1070	1.0242	1.0258	1.0743	1.0274	-----	1.07	6.75	0.999	0.999	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.3732	0.3020	0.3390	0.3812	0.3675	0.3352	0.3164	0.2717	-----	0.336	6.79	0.976	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.2496	0.2650	0.2612	0.2690	0.2444	0.2432	0.2522	0.2393	-----	0.253	6.84	0.999	0.999	4.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1092	0.0816	0.1116	0.1249	0.1139	0.1126	0.1156	0.1014	-----	0.109	7.07	0.992	0.995	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3174	0.2664	0.3160	0.3414	0.3255	0.3235	0.3463	0.3314	-----	0.321	7.15	0.998	0.999	7.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7370	0.7981	0.7937	0.8083	0.7428	0.7211	0.7704	0.7345	-----	0.763	7.28	0.998	0.998	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7370	0.7981	0.7937	0.8083	0.7428	0.7211	0.7704	0.7345	-----	0.763	7.28	0.998	0.998	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.1'-Biphenyl	1	0	Avg	0.9303	1.1125	1.0255	1.0157	0.9230	0.9149	0.9783	0.9327	-----	0.979	7.66	0.998	0.998	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4.5-Tetrachloroben	1	0	Avg	0.7340	0.7843	0.7691	0.7806	0.7135	0.6832	0.7047	0.6763	-----	0.731	7.42	0.999	0.999	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.4092	0.2333	0.3421	0.3986	0.4008	0.4174	0.4447	0.4129	-----	0.382	7.41	0.999	0.999	17	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Trichlorophenol	1	0	Avg	0.4049	0.3173	0.4037	0.4234	0.4038	0.3970	0.4131	0.3968	-----	0.395	7.51	0.999	1.00	8.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.89
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M49159.	CAL BNA@50PPM	03/03/09 09:54	2	5M49162.	CAL BNA@2PPM	03/03/09 11:00
3	5M49161.	CAL BNA@10PPM	03/03/09 10:38	4	5M49160.	CAL BNA@20PPM	03/03/09 10:16
5	5M49158.	CAL BNA@80PPM	03/03/09 09:32	6	5M49157.	CAL BNA@120PPM	03/03/09 08:48
7	5M49156.	CAL BNA@160PPM	03/03/09 08:19	8	5M49155.	CAL BNA@196PPM	03/03/09 07:57

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.4387	0.3653	0.4432	0.4751	0.4464	0.4291	0.4353	0.4126	-----	0.431	7.54	0.998	0.999	7.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.4125	1.5700	1.4841	1.5446	1.3662	1.3272	1.3521	1.2955	-----	1.42	7.57	0.997	0.999	7.2		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1809	1.3487	1.2516	1.2952	1.1422	1.1143	1.1572	1.0959	-----	1.20	7.68	0.999	0.999	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthaler	1	0	Avg	0.9149	1.0674	0.9588	1.0011	0.9026	0.8767	0.9178	0.8693	-----	0.939	7.96	0.999	0.999	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	0.9149	1.0674	0.9588	1.0011	0.9026	0.8767	0.9178	0.8693	-----	0.939	7.96	0.999	0.999	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.8967	1.0006	0.9580	0.9732	0.8499	0.8346	0.8848	0.8475	-----	0.906	7.74	0.999	0.999	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.3674	0.3367	0.3695	0.3930	0.3600	0.3338	0.3536	0.3364	-----	0.356	7.76	0.998	0.998	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.7796	2.0271	1.8741	1.9187	1.7575	1.7102	1.7775	1.6888	-----	1.82	8.04	0.999	0.999	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.3927	1.5446	1.4826	1.5196	1.3809	1.3519	1.3988	1.3448	-----	1.43	7.90	0.999	0.999	5.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.3273	0.3138	0.3396	0.3569	0.3230	0.3138	0.3284	0.3116	-----	0.327	7.96	0.999	0.999	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.1782	1.2749	1.2493	1.2749	1.1724	1.1331	1.2026	1.1347	-----	1.20	8.19	0.998	0.998	4.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.2894	0.2996	0.2896	0.3112	0.2860	0.2544	0.2544	0.2427	-----	0.278	8.11	0.996	0.999	8.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	Qua	0.1695	-----	0.0813	0.1555	0.1941	0.2000	0.2151	0.2101	-----	0.175	8.20	0.998	0.999	27	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.7146	1.9145	1.7972	1.8456	1.6599	1.6344	1.6711	1.6066	-----	1.73	8.34	0.999	0.999	6.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.4502	0.3776	0.4573	0.4830	0.4527	0.4466	0.4643	0.4449	-----	0.447	8.31	0.999	0.999	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	LinF	0.2040	0.1154	0.1763	0.2174	0.2061	0.1999	0.2097	0.2104	-----	0.192	8.24	0.999	0.999	17	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.4037	0.3099	0.3851	0.4274	0.4013	0.4056	0.4122	0.3970	-----	0.393	8.44	0.999	0.999	9.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.4238	1.5866	1.4690	1.5563	1.4036	1.3603	1.4134	1.3622	-----	1.45	8.66	0.999	0.999	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyle	1	0	Avg	0.7709	0.8245	0.8118	0.8129	0.7633	0.7480	0.7803	0.7557	-----	0.783	8.65	0.999	0.999	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.3748	1.5118	1.4166	1.4973	1.3572	1.3225	1.3822	1.3270	-----	1.40	8.53	0.999	0.999	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3339	0.2986	0.3315	0.3554	0.3455	0.3238	0.3400	0.3386	-----	0.333	8.67	0.999	0.999	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4948	0.5100	0.4932	0.5352	0.5071	0.4899	0.5093	0.4900	-----	0.504	9.30	0.999	0.999	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Avg	0.1426	-----	0.1142	0.1438	0.1494	0.1533	0.1577	0.1547	-----	0.145	8.70	0.999	1.00	10		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6389	0.6916	0.7071	0.6927	0.6168	0.6074	0.6267	0.6132	-----	0.649	8.76	1.00	1.00	6.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Tribromophenol	1	0	Avg	0.1412	0.1090	0.1376	0.1537	0.1414	0.1432	0.1450	0.1440	-----	0.139	8.89	1.00	1.00	9.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	0.5917	0.6429	0.6557	0.6443	0.5653	0.5614	0.5661	0.5581	-----	0.598	8.80	1.00	1.00	7.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyle	1	0	Avg	0.2760	0.3218	0.2921	0.2884	0.2679	0.2731	0.2757	0.2688	-----	0.283	9.14	1.00	1.00	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.3009	0.3202	0.3306	0.3180	0.2989	0.2928	0.2967	0.2901	-----	0.306	9.20	0.998	0.999	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.2884	0.3005	0.2926	0.3116	0.2712	0.2755	0.2797	0.2772	-----	0.287	9.47	1.00	1.00	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.1491	-----	0.0884	0.1363	0.1627	0.1704	0.1758	0.1772	-----	0.151	9.40	0.999	1.00	21	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.1707	1.2666	1.2740	1.2633	1.1425	1.1286	1.1589	1.1210	-----	1.19	9.63	0.999	1.00	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.1717	1.3168	1.2897	1.2819	1.1577	1.1237	1.1583	1.1261	-----	1.20	9.69	1.00	1.00	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.0736	1.1358	1.1616	1.1735	1.0662	1.0399	1.0736	1.0645	-----	1.10	9.86	1.00	1.00	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.2932	1.2352	1.3122	1.3907	1.2992	1.2883	1.3273	1.3129	-----	1.31	10.25	1.00	1.00	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.4101	1.4556	1.5021	1.5362	1.4273	1.4002	1.4518	1.4333	-----	1.45	10.96	1.00	1.00	3.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.4478	1.4550	1.4641	1.4974	1.3721	1.4447	1.4360	1.4091	-----	1.44	11.22	0.999	1.00	2.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	LinF	0.4465	0.2090	0.2863	0.3948	0.4222	0.4131	0.3819	0.3896	-----	0.368	11.12	0.996	0.998	22		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Terphenyl-d14	1	0	Avg	1.1844	1.1786	1.2134	1.2378	1.1296	1.1566	1.1559	1.1540	-----	1.18	11.41	1.00	1.00	3.0		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4.4'-DDE	1	0	Avg	0.3657	0.3829	0.3703	0.3874	0.3424	0.3656	0.3628	0.3454	-----	0.365	11.35	0.998	0.999	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0603	0.0537	0.0581	0.0615	0.0558	0.0608	0.0584	0.0580	-----	0.0584	11.67	0.999	0.999	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.4'-DDD	1	0	Avg	0.5884	0.5077	0.5882	0.6072	0.5576	0.5846	0.5764	0.5633	-----	0.572	11.75	0.999	1.00	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.89
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 625

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M49159.	CAL BNA@50PPM	03/03/09 09:54	2	5M49162.	CAL BNA@2PPM	03/03/09 11:00
3	5M49161.	CAL BNA@10PPM	03/03/09 10:38	4	5M49160.	CAL BNA@20PPM	03/03/09 10:16
5	5M49158.	CAL BNA@80PPM	03/03/09 09:32	6	5M49157.	CAL BNA@120PPM	03/03/09 08:48
7	5M49156.	CAL BNA@160PPM	03/03/09 08:19	8	5M49155.	CAL BNA@196PPM	03/03/09 07:57

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.5452	0.4913	0.5403	0.5772	0.5449	0.5747	0.5692	0.5600	-----	0.550	12.01	0.999	0.999	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0273	-----	0.0280	0.0293	0.0263	0.0284	0.0275	0.0280	-----	0.0279	11.67	0.999	0.999	3.4		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDT	1	0	Avg	0.6030	0.5060	0.6145	0.6426	0.5819	0.6232	0.6257	0.6061	-----	0.600	12.11	0.999	0.999	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0725	0.0637	0.0736	0.0761	0.0723	0.0773	0.0780	0.0759	-----	0.0737	12.59	0.999	0.999	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.3987	0.3511	0.3703	0.3918	0.4107	0.3844	0.3616	0.3559	-----	0.378	12.62	0.996	0.999	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.3828	1.4907	1.4968	1.4881	1.3363	1.3705	1.3643	1.3610	-----	1.41	12.65	1.00	1.00	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.2689	1.3829	1.3585	1.3716	1.2473	1.2818	1.2607	1.2616	-----	1.30	12.69	1.00	1.00	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.7098	0.6347	0.6953	0.7519	0.6940	0.7249	0.7308	0.7218	-----	0.708	12.70	1.00	1.00	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	LinF	1.1675	0.9310	1.0770	1.1970	1.1447	1.3056	1.3729	1.3383	-----	1.19	13.46	0.996	0.998	12	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.3328	1.2482	1.4029	1.3635	1.2350	1.3500	1.3984	1.4511	-----	1.35	13.86	0.996	0.999	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.2220	1.3624	1.3008	1.3646	1.2783	1.2210	1.2542	1.1928	-----	1.27	13.90	0.999	0.999	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.1845	1.1774	1.2297	1.2733	1.2107	1.1990	1.2398	1.2382	-----	1.22	14.21	1.00	1.00	2.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.3401	1.2875	1.3625	1.4149	1.3542	1.2657	1.3055	1.2560	-----	1.32	15.55	0.999	0.999	4.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.0980	1.0135	1.1341	1.1670	1.1114	1.0451	1.0783	1.0259	-----	1.08	15.57	0.998	0.999	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.1172	1.0929	1.1496	1.1788	1.1164	1.0179	1.0407	0.9809	-----	1.09	15.92	0.997	0.999	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria * - ccc compound
b - failed the ccc criteria ** - spcc compound
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.89
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

0580

Quantitation Report (QT Reviewed)

Data File: 5M49159.D Sam Mult : 1 Vial# : 6 Qt On : 03/03/09 13:39
SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 5M_0303.M
Acq On : 03/ 3/09 09:54 Misc : A,BNA Qt Upd On: 03/03/09 11:46

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.717	152	23346	40.00	ng	0.00
23) Naphthalene-d8	6.737	136	82170	40.00	ng	0.00
41) Acenaphthene-d10	8.153	164	49565	40.00	ng	0.00
67) Phenanthrene-d10	9.606	188	91737	40.00	ng	0.00
81) Chrysene-d12	12.662	240	94031	40.00	ng	0.00
96) Perylene-d12	14.270	264	98021	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.494	112	31816	44.94	ng	0.00
Spiked Amount 100.000			Recovery = 44.94%			
9) Phenol-d5	5.402	99	42906	47.09	ng	0.00
Spiked Amount 100.000			Recovery = 47.09%			
24) Nitrobenzene-d5	6.177	128	8638	24.14	ng	0.00
Spiked Amount 50.000			Recovery = 48.28%			
46) 2-Fluorobiphenyl	7.571	172	43757	24.88	ng	0.00
Spiked Amount 50.000			Recovery = 49.76%			
70) 2,4,6-Tribromophenol	8.890	330	16199	50.66	ng	0.00
Spiked Amount 100.000			Recovery = 50.66%			
84) Terphenyl-d14	11.412	244	69608	25.17	ng	0.00
Spiked Amount 50.000			Recovery = 50.34%			
Target Compounds						Qvalue
2) Pyridine	2.886	79	28182	47.11	ng	68
3) N-Nitrosodimethylamine	2.822	74	15530	47.21	ng	81
5) Benzaldehyde	5.338	77	25919	47.80	ng	63
6) Aniline	5.434	93	47035	50.55	ng	55
7) Pentachloroethane	5.471	117	11443	48.50	ng	57
8) bis(2-Chloroethyl)ether	5.493	93	29243	46.96	ng	74
10) Phenol	5.413	94	44982	46.98	ng	96
11) 2-Chlorophenol	5.535	128	37686	47.67	ng	72
12) N-Decane	5.584	57	25326	48.85	ng	72
13) 1,3-Dichlorobenzene	5.664	146	42756	47.95	ng	98
14) 1,4-Dichlorobenzene	5.733	146	44544	48.05	ng	97
15) 1,2-Dichlorobenzene	5.856	146	40152	47.74	ng	97
16) Benzyl alcohol	5.835	108	22871	48.58	ng	80
17) bis(2-chloroisopropyl)...	5.947	45	25059	46.92	ng	58
18) 2-Methylphenol	5.931	108	31400	47.97	ng	98
19) Acetophenone	6.054	105	52702	46.64	ng	72
20) Hexachloroethane	6.134	117	15132	48.25	ng	48
21) N-Nitroso-di-n-propyla...	6.054	70	22754	48.34	ng	66
22) 3&4-Methylphenol	6.054	108	32688	47.20	ng	97
25) Nitrobenzene	6.187	77	33847	49.00	ng	80
26) Isophorone	6.380	82	61559	48.61	ng	81
27) 2-Nitrophenol	6.438	139	19916	48.81	ng	91
28) 2,4-Dimethylphenol	6.470	107	37468	49.50	ng	97
29) Benzoic Acid	6.550	105	18618m	47.36	ng	
30) bis(2-Chloroethoxy)met...	6.545	93	34904	48.27	ng	96
31) 2,4-Dichlorophenol	6.625	162	32278	48.14	ng	84
32) 1,2,4-Trichlorobenzene	6.689	180	40081	48.93	ng	97
33) Naphthalene	6.753	128	105301	47.99	ng	98
34) 4-Chloroaniline	6.791	127	38335	55.57	ng	97
35) Hexachlorobutadiene	6.839	225	25644	49.33	ng	98
36) Caprolactam	7.069	113	11225	50.18	ng	52
37) 4-Chloro-3-methylphenol	7.154	107	32610	49.45	ng	89
38) 2-Methylnaphthalene	7.282	142	75700	48.28	ng	96
39) Methylnaphthalenes (To...	7.282	142	75700	48.28	ng	96
40) 1,1'-Biphenyl	7.656	154	95563	47.51	ng	91
42) 1,2,4,5-Tetrachloroben...	7.416	216	45479	50.23	ng	98
43) Hexachlorocyclopentadiene	7.405	237	25354	50.90	ng	99
44) 2,4,6-Trichlorophenol	7.507	196	25091	51.26	ng	95
45) 2,4,5-Trichlorophenol	7.539	196	27183	50.93	ng	98
47) 2-Chloronaphthalene	7.678	162	73167	49.28	ng	92
48) 1,4-Dimethylnaphthalene	7.955	156	56689	48.74	ng	91
49) Dimethylnaphthalenes (...	7.955	156	56689	48.74	ng	91
50) Diphenyl Ether	7.742	170	55561	49.51	ng	78
51) 2-Nitroaniline	7.758	65	22766	51.56	ng	47
52) Acenaphthylene	8.036	152	110258	48.98	ng	99
53) Dimethylphthalate	7.902	163	86288	48.80	ng	98
54) 2,6-Dinitrotoluene	7.961	165	20281	50.08	ng	60
55) Acenaphthene	8.185	153	72998	48.99	ng	96
56) 3-Nitroaniline	8.110	138	17935	51.98	ng	54
57) 2,4-Dinitrophenol	8.201	184	10506	47.13	ng	77
58) Dibenzofuran	8.340	168	106232	49.54	ng	89
59) 2,4-Dinitrotoluene	8.313	165	27898	50.35	ng	60

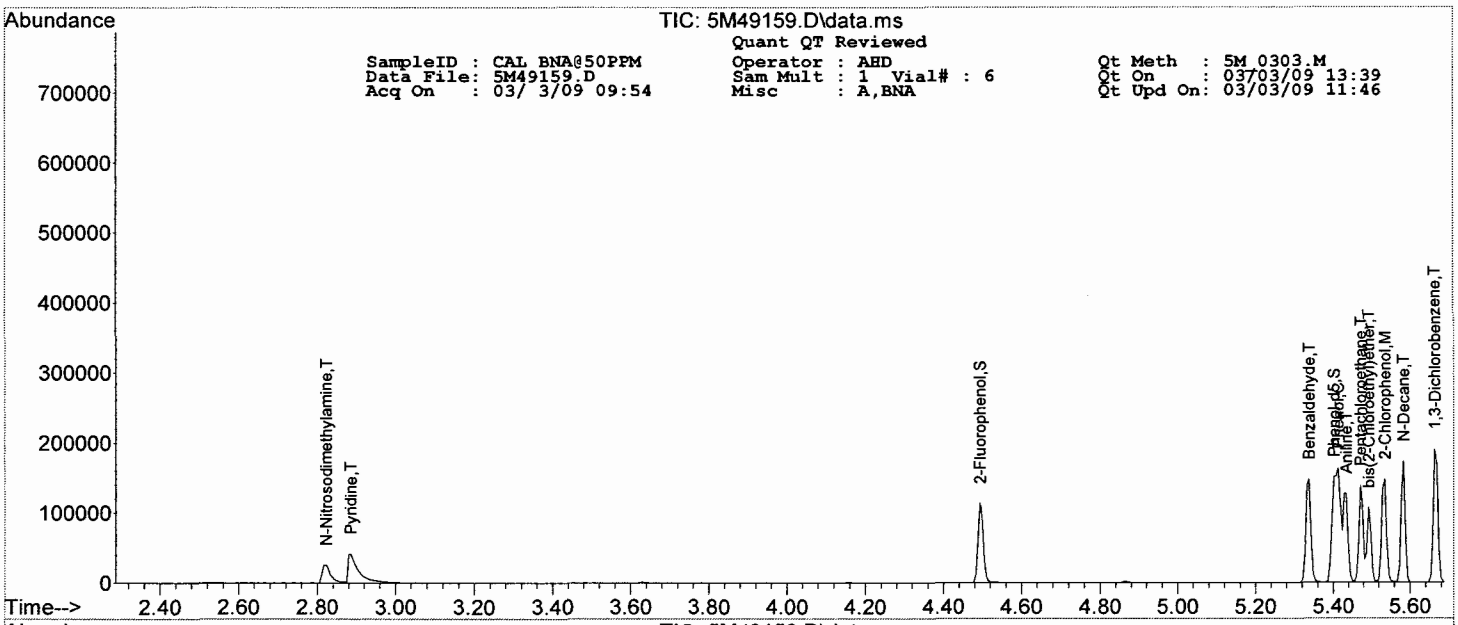
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49159.D Sam Mult : 1 Vial# : 6 Qt On : 03/03/09 13:39
Acq On : 03/ 3/09 09:54 Misc : A,BNA Qt Upd On: 03/03/09 11:46

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.239	65	12641	49.37	ng	61
61)	2,3,4,6-Tetrachlorophenol	8.442	232	25014	51.39	ng	82
62)	Fluorene	8.661	166	88213	49.20	ng	97
63)	4-Chlorophenyl-phenyle...	8.650	204	47764	49.20	ng	85
64)	Diethylphthalate	8.532	149	85178	49.15	ng	94
65)	4-Nitroaniline	8.671	138	20690	50.07	ng	92
66)	Atrazine	9.296	200	30660	49.12	ng	95
68)	4,6-Dinitro-2-methylph...	8.698	198	16356	49.13	ng	100
69)	n-Nitrosodiphenylamine	8.762	169	73263	49.20	ng	98
71)	1,2-Diphenylhydrazine	8.805	77	67857	49.46	ng	70
72)	4-Bromophenyl-phenylether	9.136	248	31650	48.76	ng	77
73)	Hexachlorobenzene	9.200	284	34509	49.16	ng	56
74)	N-Octadecane	9.473	57	33078	50.23	ng	69
75)	Pentachlorophenol	9.398	266	17103	47.43	ng	98
76)	Phenanthrene	9.633	178	134250	49.16	ng	100
77)	Anthracene	9.692	178	134368	48.69	ng	99
78)	Carbazole	9.857	167	123116	48.86	ng	98
79)	Di-n-butylphthalate	10.247	149	148293	49.46	ng	98
80)	Fluoranthene	10.963	202	161707	48.56	ng	77
82)	Pyrene	11.225	202	170181	50.24	ng	75
83)	Benzidine	11.123	184	52488	56.50	ng	77
85)	4,4'-DDE	11.348	246	42993	50.06	ng	94
86)	Endrin	11.674	81	7088	51.66	ng	1
87)	4,4'-DDD	11.749	235	69162	51.46	ng	96
88)	Butylbenzylphthalate	12.010	149	64088	49.53	ng	80
89)	Endrin aldehyde	11.674	67	3214	49.07	ng	78
90)	4,4'-DDT	12.106	235	70887	50.22	ng	97
91)	Endrin ketone	12.587	317	8529	49.21	ng	98
92)	3,3'-Dichlorobenzidine	12.625	252	46865	48.73	ng	93
93)	Benzo[a]anthracene	12.646	228	162543	48.99	ng	98
94)	Chrysene	12.694	228	149150	48.65	ng	97
95)	bis(2-Ethylhexyl)phtha...	12.705	149	83440	50.14	ng	90
97)	Di-n-octylphthalate	13.458	149	143049	44.12	ng	99
98)	Benzo[b]fluoranthene	13.864	252	163307	49.45	ng	88
99)	Benzo[k]fluoranthene	13.896	252	149727	47.94	ng	86
100)	Benzo[a]pyrene	14.211	252	145138	48.58	ng	87
101)	Indeno[1,2,3-cd]pyrene	15.552	276	164206	50.64	ng	62
102)	Dibenzo[a,h]anthracene	15.574	278	134543	50.64	ng	81
103)	Benzo[g,h,i]perylene	15.915	276	136897	51.40	ng	72

(#) = qualifier out of range (m) = manual integration (+) = signals summed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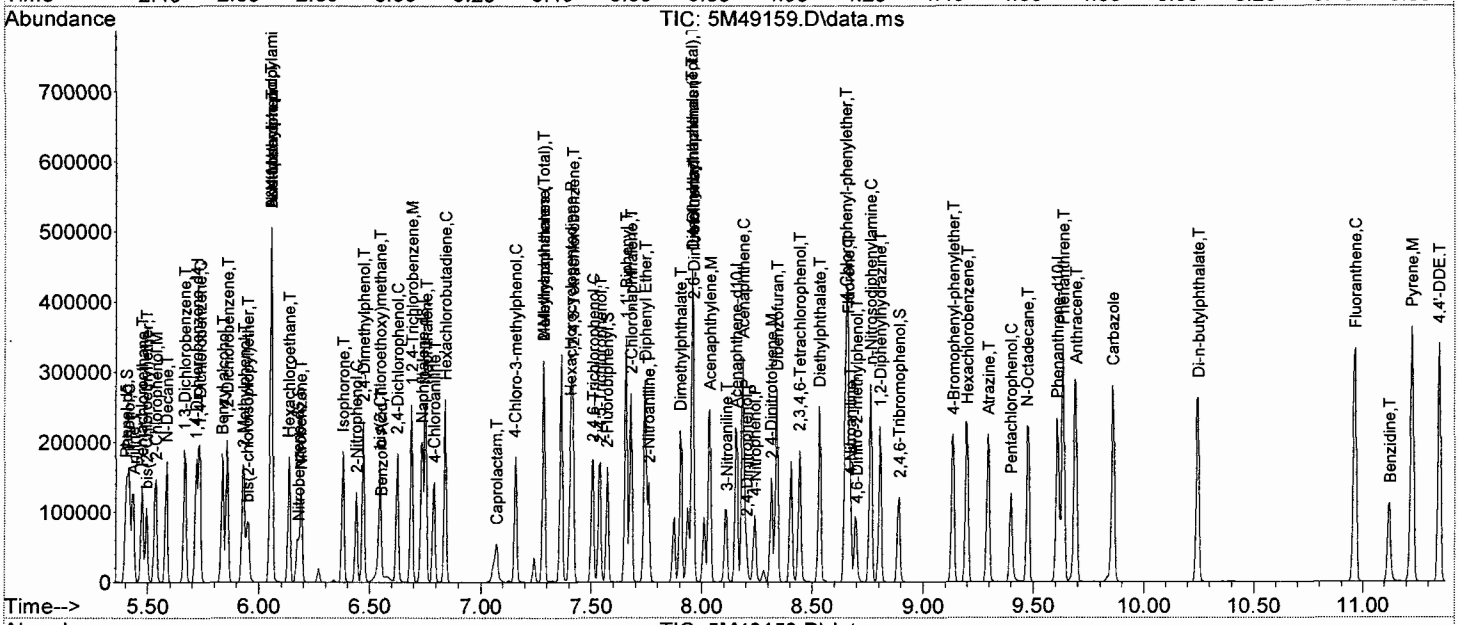
Data File: 5M49159.D
Acq On : 03/ 3/09 09:54
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 5M_0303.M
Qt On : 03703/09 13:39
Qt Upd On: 03/03/09 11:46
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Aniline,T
bis(2-Chloroethyl)ether,T
Pentachloroethane,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->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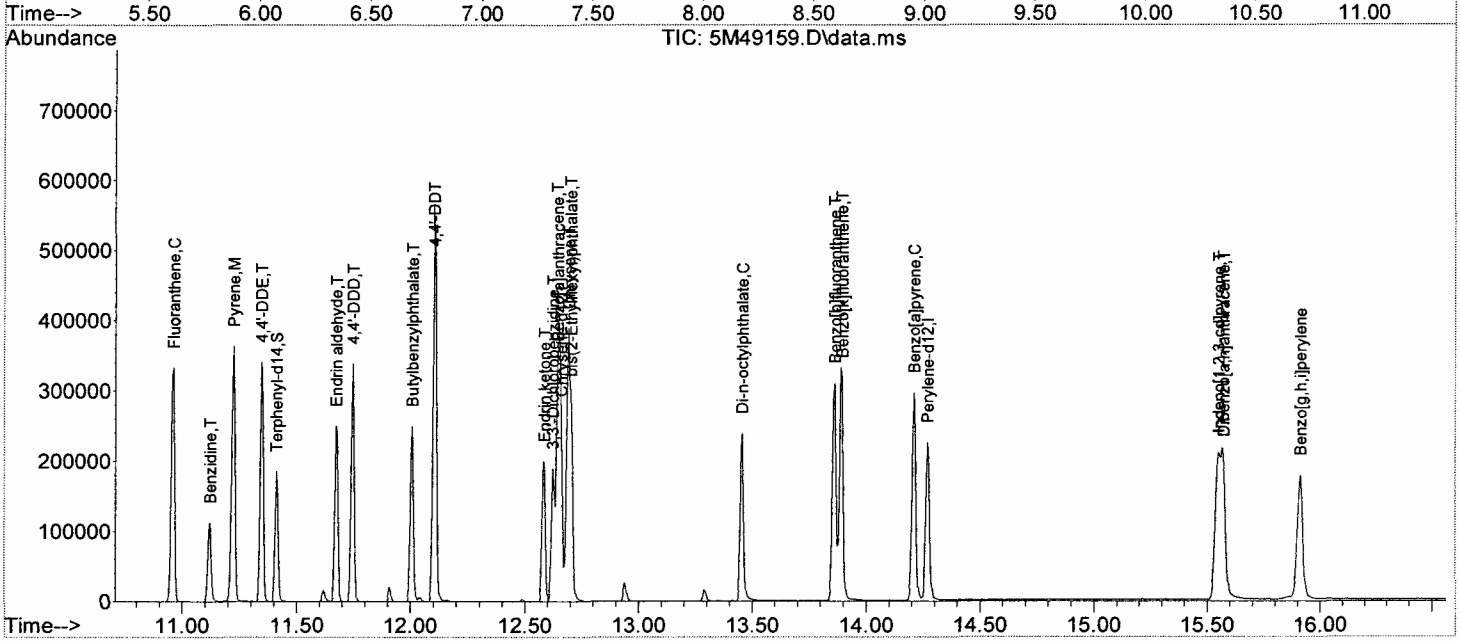
TIC: 5M49159.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2-Nitrophenol,C
2,4-Dimethylphenol,T
Benzoic Acid,C
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
4-Chloroaniline,T
Hexachlorobutadiene,C
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,C
Acenaphthene,C
2,4-Dinitrophenol,C
4-Nitrophenol,P
Dibenzofuran,T
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Chlorophenyl-phenylether,T
Fluorene,C
4-Nitroaniline,T
4,6-Dinitro-2-methylphenol,C
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Time-->


Abundance
TIC: 5M49159.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49162.D Sam Mult : 1 Vial# : 9 Qt On : 03/03/09 11:19
Acq On : 03/ 3/09 11:00 Misc : A,BNA Qt Upd On: 03/03/09 10:58

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.717	152	23000	40.00	ng	0.00
23) Naphthalene-d8	6.732	136	90390	40.00	ng	0.00
41) Acenaphthene-d10	8.153	164	56661	40.00	ng	0.00
67) Phenanthrene-d10	9.606	188	102536	40.00	ng	0.00
81) Chrysene-d12	12.657	240	114537	40.00	ng	0.00
96) Perylene-d12	14.270	264	117153	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.494	112	1303	1.85	ng	0.00
Spiked Amount 100.000			Recovery = 1.85%			
9) Phenol-d5	5.397	99	1755	1.95	ng	0.00
Spiked Amount 100.000			Recovery = 1.95%			
24) Nitrobenzene-d5	6.171	128	375	0.95	ng	0.00
Spiked Amount 50.000			Recovery = 1.90%			
46) 2-Fluorobiphenyl	7.571	172	2224	1.12	ng	0.00
Spiked Amount 50.000			Recovery = 2.24%			
70) 2,4,6-Tribromophenol	8.885	330	559	1.52	ng	0.00
Spiked Amount 100.000			Recovery = 1.52%			
84) Terphenyl-d14	11.412	244	3375	1.00	ng	0.00
Spiked Amount 50.000			Recovery = 2.00%			
Target Compounds						Qvalue
2) Pyridine	2.977	79	306m	0.52	ng	
3) N-Nitrosodimethylamine	2.864	74	237m	0.73	ng	
5) Benzaldehyde	5.338	77	1156	2.19	ng	76
6) Aniline	5.429	93	1467m	1.56	ng	
7) Pentachloroethane	5.471	117	452	1.94	ng	44
8) bis(2-Chloroethyl)ether	5.493	93	1247	2.04	ng	71
10) Phenol	5.413	94	1796	1.89	ng	87
11) 2-Chlorophenol	5.530	128	1536	1.97	ng	72
12) N-Decane	5.584	57	1105	2.19	ng	67
13) 1,3-Dichlorobenzene	5.664	146	1867	2.14	ng	94
14) 1,4-Dichlorobenzene	5.728	146	2091	2.34	ng	99
15) 1,2-Dichlorobenzene	5.856	146	1750	2.13	ng	80
16) Benzyl alcohol	5.835	108	824	1.75	ng	97
17) bis(2-chloroisopropyl)...	5.947	45	1186	2.30	ng	57
18) 2-Methylphenol	5.926	108	1299	2.02	ng	96
19) Acetophenone	6.048	105	2379	2.16	ng	71
20) Hexachloroethane	6.134	117	674	2.21	ng	24
21) N-Nitroso-di-n-propyla...	6.048	70	906m	1.95	ng	
22) 3&4-Methylphenol	6.054	108	1277	1.85	ng	98
25) Nitrobenzene	6.187	77	1561	2.06	ng	77
26) Isophorone	6.374	82	2679	1.91	ng	86
27) 2-Nitrophenol	6.438	139	809	1.78	ng	83
28) 2,4-Dimethylphenol	6.470	107	1651	1.98	ng	93
29) Benzoic Acid	0.000		0	N.D.		
30) bis(2-Chloroethoxy)met...	6.540	93	1724	2.19	ng	99
31) 2,4-Dichlorophenol	6.625	162	1454	1.97	ng	83
32) 1,2,4-Trichlorobenzene	6.689	180	1930	2.16	ng	91
33) Naphthalene	6.748	128	5212	2.18	ng	94
34) 4-Chloroaniline	6.791	127	1365	1.77	ng	96
35) Hexachlorobutadiene	6.839	225	1198	2.11	ng	91
36) Caprolactam	7.037	113	369	1.45	ng	28
37) 4-Chloro-3-methylphenol	7.149	107	1204	1.62	ng	72
38) 2-Methylnaphthalene	7.282	142	3607	2.10	ng	87
39) Methylnaphthalenes (To...	7.282	142	3607	2.10	ng	87
40) 1,1'-Biphenyl	7.656	154	5028	2.32	ng	86
42) 1,2,4,5-Tetrachloroben...	7.411	216	2222	2.17	ng	94
43) Hexachlorocyclopentadiene	7.405	237	661	1.16	ng	92
44) 2,4,6-Trichlorophenol	7.502	196	899	1.56	ng	81
45) 2,4,5-Trichlorophenol	7.534	196	1035	1.66	ng	73
47) 2-Chloronaphthalene	7.678	162	3821	2.29	ng	91
48) 1,4-Dimethylnaphthalene	7.956	156	3024	2.32	ng	95
49) Dimethylnaphthalenes (...	7.956	156	3024	2.32	ng	95
50) Diphenyl Ether	7.742	170	2835	2.24	ng	80
51) 2-Nitroaniline	7.753	65	954	1.88	ng	32
52) Acenaphthylene	8.030	152	5743	2.27	ng	99
53) Dimethylphthalate	7.897	163	4376	2.19	ng	99
54) 2,6-Dinitrotoluene	7.956	165	889	1.91	ng	61
55) Acenaphthene	8.180	153	3612	2.14	ng	91
56) 3-Nitroaniline	8.105	138	849	2.18	ng	76
57) 2,4-Dinitrophenol	0.000		0	N.D.		
58) Dibenzofuran	8.335	168	5424	2.25	ng	87
59) 2,4-Dinitrotoluene	8.314	165	1070	1.65	ng	65

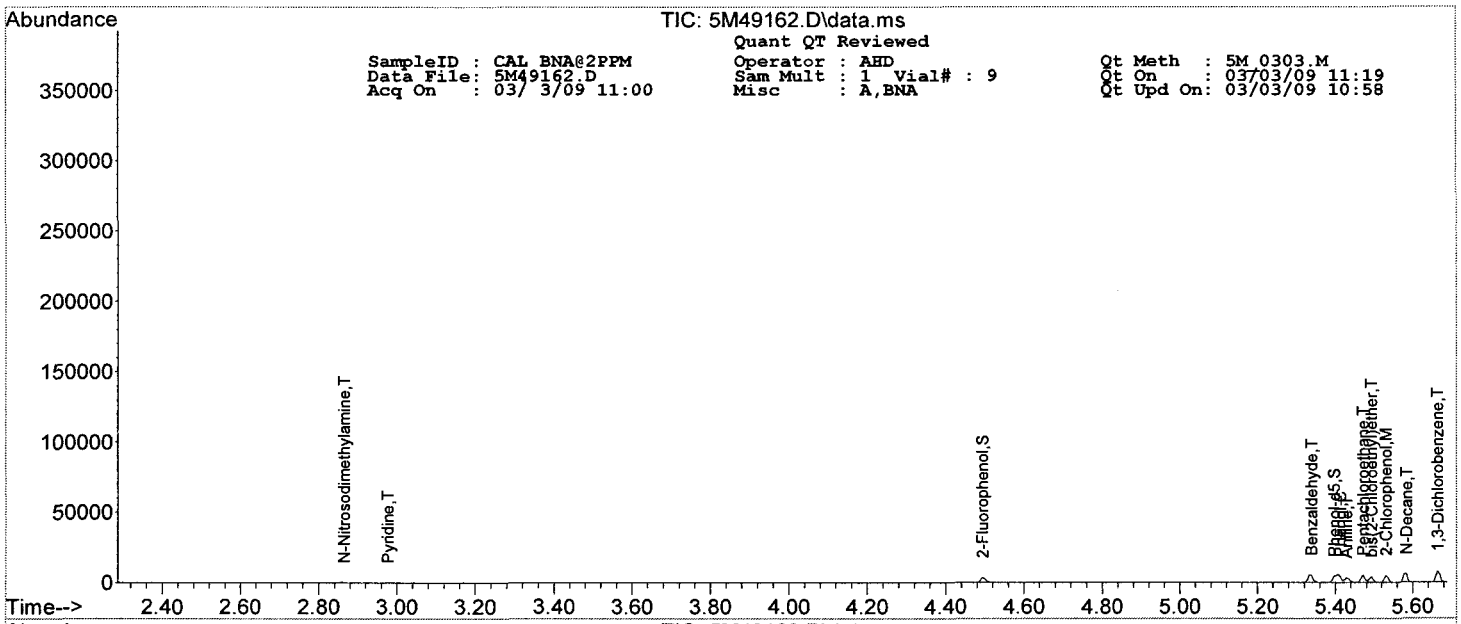
Quantitation Report (QT Reviewed)

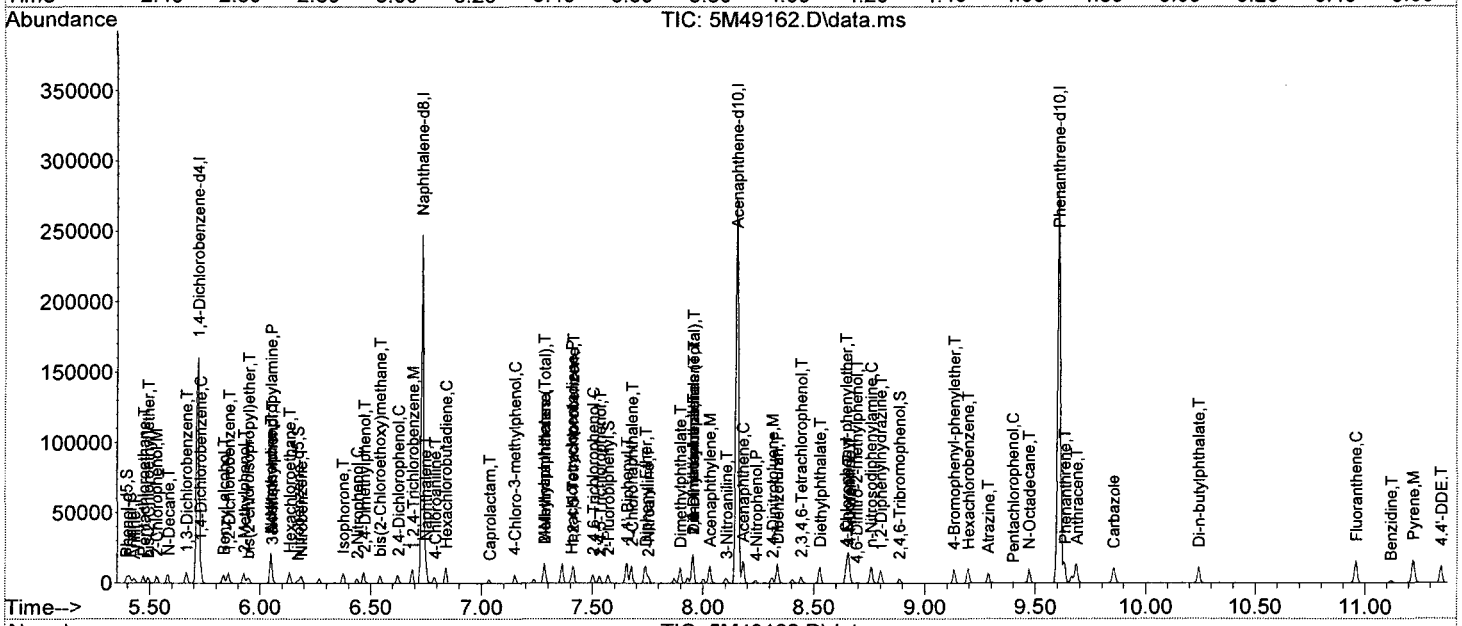
SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49162.D Sam Mult : 1 Vial# : 9 Qt On : 03/03/09 11:19
Acq On : 03/ 3/09 11:00 Misc : A,BNA Qt Upd On: 03/03/09 10:58

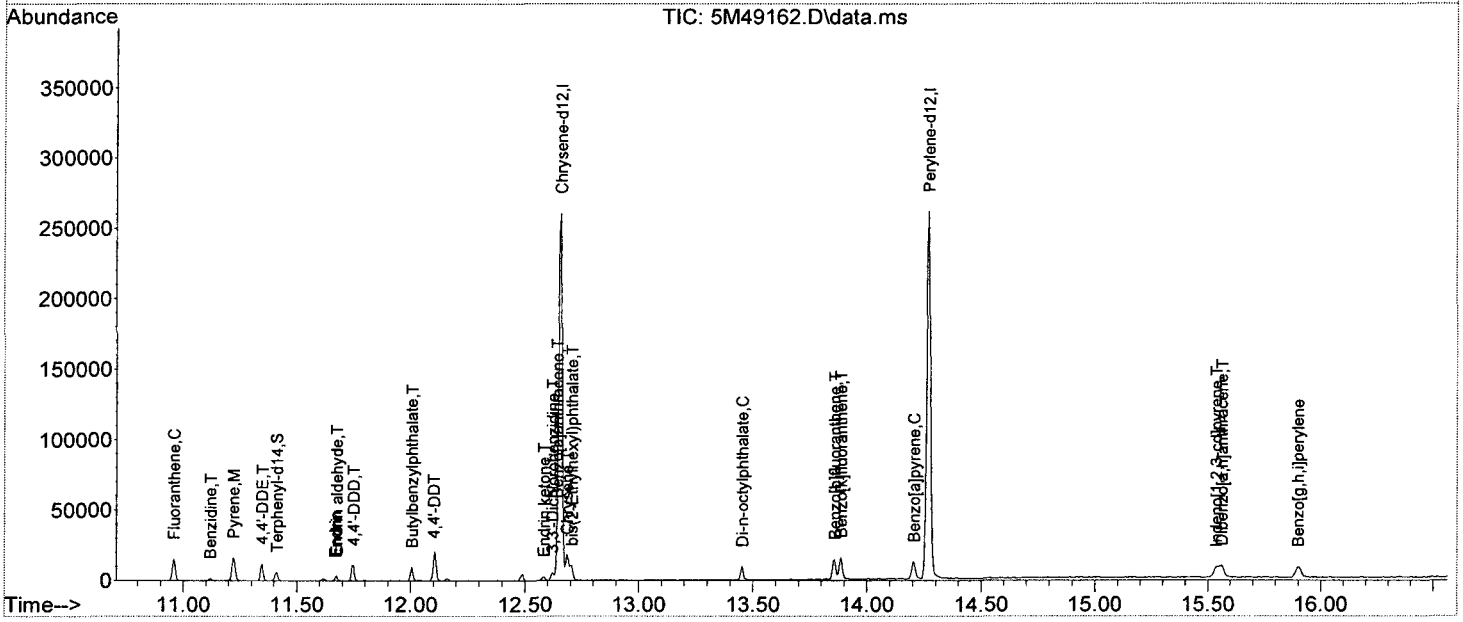
Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60)	4-Nitrophenol	8.239	65	327	1.13	ng		58
61)	2,3,4,6-Tetrachlorophenol	8.442	232	878	1.53	ng		81
62)	Fluorene	8.655	166	4495	2.22	ng		97
63)	4-Chlorophenyl-phenyle...	8.645	204	2336	2.12	ng		86
64)	Diethylphthalate	8.527	149	4283	2.19	ng		92
65)	4-Nitroaniline	8.661	138	846	1.76	ng		96
66)	Atrazine	9.286	200	1445	2.03	ng		93
68)	4,6-Dinitro-2-methylph...	8.693	198	215	0.58	ng		100
69)	n-Nitrosodiphenylamine	8.757	169	3546	2.15	ng		94
71)	1,2-Diphenylhydrazine	8.800	77	3296	2.17	ng		76
72)	4-Bromophenyl-phenylether	9.131	248	1650	2.32	ng		77
73)	Hexachlorobenzene	9.195	284	1642	2.11	ng		59
74)	N-Octadecane	9.473	57	1541	2.11	ng		76
75)	Pentachlorophenol	9.398	266	143	0.37	ng	#	20
76)	Phenanthrene	9.633	178	6494	2.15	ng		98
77)	Anthracene	9.686	178	6751	2.22	ng		97
78)	Carbazole	9.852	167	5823	2.08	ng		98
79)	Di-n-butylphthalate	10.242	149	6333	1.87	ng		93
80)	Fluoranthene	10.958	202	7463	2.01	ng		76
82)	Pyrene	11.220	202	8333	2.02	ng		75
83)	Benzidine	11.118	184	1197	1.07	ng		64
85)	4,4'-DDE	11.348	246	2193	2.11	ng		89
86)	Endrin	11.668	81	308	1.82	ng		1
87)	4,4'-DDD	11.749	235	2908	1.75	ng		90
88)	Butylbenzylphthalate	12.005	149	2814m	1.76	ng		
89)	Endrin aldehyde	11.674	67	54m	0.68	ng		
90)	4,4'-DDT	12.101	235	2898	1.65	ng		95
91)	Endrin ketone	12.582	317	365	1.70	ng		90
92)	3,3'-Dichlorobenzidine	12.619	252	2011	1.84	ng		97
93)	Benzo[a]anthracene	12.641	228	8537	2.13	ng		97
94)	Chrysene	12.683	228	7920	2.14	ng		99
95)	bis(2-Ethylhexyl)phtha...	12.705	149	3635	1.77	ng		83
97)	Di-n-octylphthalate	13.453	149	5454	1.52	ng		98
98)	Benzo[b]fluoranthene	13.859	252	7312	1.83	ng		88
99)	Benzo[k]fluoranthene	13.885	252	7981	2.16	ng		86
100)	Benzo[a]pyrene	14.206	252	6897	1.92	ng		85
101)	Indeno[1,2,3-cd]pyrene	15.536	276	7542	1.94	ng		66
102)	Dibenzo[a,h]anthracene	15.563	278	5937	1.85	ng		80
103)	Benzo[g,h,i]perylene	15.900	276	6402	2.01	ng		72

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M49162.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@2PPM
Data File: 5M49162.D
Acq On : 03/ 3/09 11:00
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 5M_0303.M
Qt On : 03/03/09 11:19
Qt Upd On: 03/03/09 10:58
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->


Abundance
TIC: 5M49162.D\data.ms
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Isophorone,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthene,C
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Nitrophenol,P
2,6-Dinitrotoluene,M
3-Nitroaniline,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Time-->


Abundance
TIC: 5M49162.D\data.ms
Chrysene-d12,I
Perylene-d12,I
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo(a)pyrene,C
Benzo(g,h,i)perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49161.D Sam Mult : 1 Vial# : 8 Qt On : 03/03/09 10:57
Acq On : 03/ 3/09 10:38 Misc : A,BNA Qt Upd On: 03/03/09 10:38

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.717	152	22774	40.00	ng	0.00
23) Naphthalene-d8	6.732	136	86670	40.00	ng	0.00
41) Acenaphthene-d10	8.153	164	54593	40.00	ng	0.00
67) Phenanthrene-d10	9.606	188	98225	40.00	ng	0.00
81) Chrysene-d12	12.657	240	108284	40.00	ng	0.00
96) Perylene-d12	14.270	264	113010	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.494	112	6344	8.97	ng	0.00
Spiked Amount 100.000			Recovery = 8.97%			
9) Phenol-d5	5.397	99	8653	9.66	ng	0.00
Spiked Amount 100.000			Recovery = 9.66%			
24) Nitrobenzene-d5	6.171	128	1926	5.08	ng	0.00
Spiked Amount 50.000			Recovery = 10.16%			
46) 2-Fluorobiphenyl	7.571	172	10128	5.37	ng	0.00
Spiked Amount 50.000			Recovery = 10.74%			
70) 2,4,6-Tribromophenol	8.885	330	3380	9.51	ng	0.00
Spiked Amount 100.000			Recovery = 9.51%			
84) Terphenyl-d14	11.412	244	16424	5.19	ng	0.00
Spiked Amount 50.000			Recovery = 10.38%			
Target Compounds						Qvalue
2) Pyridine	2.913	79	4952	8.28	ng	75
3) N-Nitrosodimethylamine	2.832	74	2545	7.67	ng	84
5) Benzaldehyde	5.333	77	5498	10.61	ng	73
6) Aniline	5.429	93	7535	7.82	ng	38
7) Pentachloroethane	5.471	117	2438	10.65	ng	59
8) bis(2-Chloroethyl)ether	5.493	93	6260	10.39	ng	78
10) Phenol	5.413	94	9218	9.77	ng	91
11) 2-Chlorophenol	5.530	128	7779	10.08	ng	73
12) N-Decane	5.578	57	5313	10.74	ng	73
13) 1,3-Dichlorobenzene	5.664	146	9077	10.62	ng	92
14) 1,4-Dichlorobenzene	5.728	146	9250	10.52	ng	98
15) 1,2-Dichlorobenzene	5.856	146	8897	11.11	ng	92
16) Benzyl alcohol	5.835	108	4938	10.69	ng	72
17) bis(2-chloroisopropyl)...	5.947	45	5837	11.69	ng	63
18) 2-Methylphenol	5.926	108	6754	10.69	ng	97
19) Acetophenone	6.048	105	11800	10.96	ng	73
20) Hexachloroethane	6.134	117	3231	10.83	ng	42
21) N-Nitroso-di-n-propyla...	6.048	70	4994	11.00	ng	67
22) 3&4-Methylphenol	6.054	108	7105	10.49	ng	99
25) Nitrobenzene	6.187	77	7563	10.50	ng	73
26) Isophorone	6.374	82	13845	10.36	ng	82
27) 2-Nitrophenol	6.438	139	4330	9.91	ng	87
28) 2,4-Dimethylphenol	6.470	107	7951	9.94	ng	96
29) Benzoic Acid	6.519	105	1460	3.21	ng	68
30) bis(2-Chloroethoxy)met...	6.540	93	7772	10.37	ng	95
31) 2,4-Dichlorophenol	6.620	162	7189	10.17	ng	85
32) 1,2,4-Trichlorobenzene	6.689	180	8798	10.34	ng	95
33) Naphthalene	6.748	128	23988	10.57	ng	98
34) 4-Chloroaniline	6.786	127	7347	9.95	ng	96
35) Hexachlorobutadiene	6.839	225	5660	10.46	ng	96
36) Caprolactam	7.042	113	2418	9.88	ng	61
37) 4-Chloro-3-methylphenol	7.149	107	6847	9.55	ng	81
38) 2-Methylnaphthalene	7.282	142	17199	10.55	ng	99
39) Methylnaphthalenes (To...	7.282	142	17199	10.55	ng	99
40) 1,1'-Biphenyl	7.656	154	22222	10.80	ng	91
42) 1,2,4,5-Tetrachloroben...	7.411	216	10498	10.75	ng	97
43) Hexachlorocyclopentadiene	7.405	237	4670	8.27	ng	98
44) 2,4,6-Trichlorophenol	7.502	196	5510	9.93	ng	96
45) 2,4,5-Trichlorophenol	7.534	196	6049	10.08	ng	90
47) 2-Chloronaphthalene	7.678	162	17083	10.75	ng	91
48) 1,4-Dimethylnaphthalene	7.956	156	13087	10.49	ng	95
49) Dimethylnaphthalenes (...	7.956	156	13087	10.49	ng	95
50) Diphenyl Ether	7.742	170	13076	10.87	ng	74
51) 2-Nitroaniline	7.753	65	5043	10.34	ng	46
52) Acenaphthylene	8.030	152	25579	10.58	ng	99
53) Dimethylphthalate	7.897	163	20235	10.60	ng	99
54) 2,6-Dinitrotoluene	7.956	165	4636	10.39	ng	65
55) Acenaphthene	8.180	153	17051	10.56	ng	95
56) 3-Nitroaniline	8.105	138	3953	10.61	ng	73
57) 2,4-Dinitrophenol	8.196	184	1110	4.26	ng	88
58) Dibenzofuran	8.335	168	24529	10.64	ng	88
59) 2,4-Dinitrotoluene	8.314	165	6242	10.01	ng	52

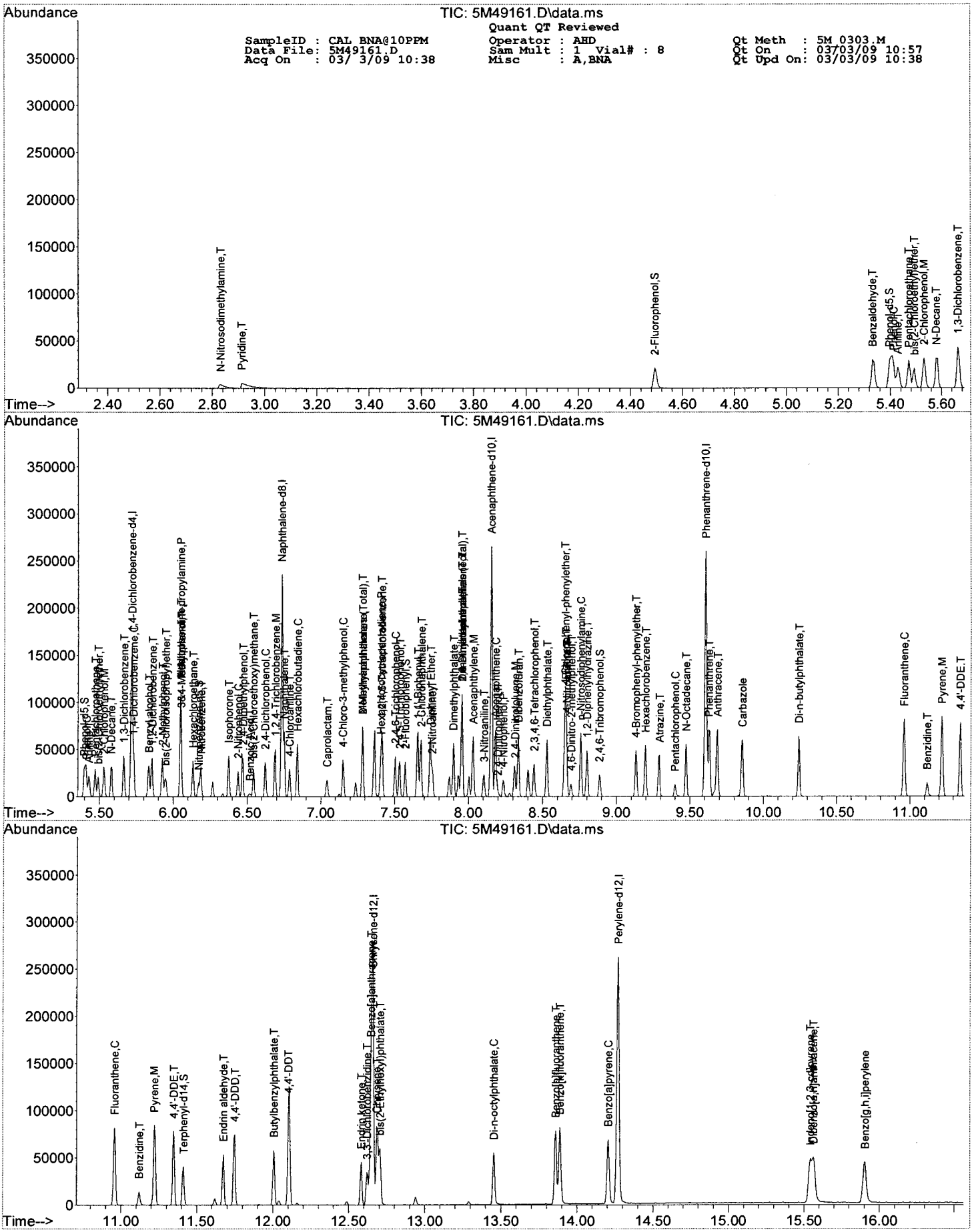
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49161.D Sam Mult : 1 Vial# : 8 Qt On : 03/03/09 10:57
Acq On : 03/ 3/09 10:38 Misc : A,BNA Qt Upd On: 03/03/09 10:38

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.233	65	2407	8.48	ng	48
61)	2,3,4,6-Tetrachlorophenol	8.442	232	5257	9.44	ng	83
62)	Fluorene	8.655	166	20050	10.35	ng	97
63)	4-Chlorophenyl-phenyle...	8.650	204	11080	10.52	ng	80
64)	Diethylphthalate	8.527	149	19335	10.29	ng	95
65)	4-Nitroaniline	8.661	138	4525	9.76	ng	88
66)	Atrazine	9.291	200	6732	9.78	ng	92
68)	4,6-Dinitro-2-methylph...	8.693	198	2805	7.60	ng	100
69)	n-Nitrosodiphenylamine	8.757	169	17366	11.18	ng	99
71)	1,2-Diphenylhydrazine	8.800	77	16103	11.28	ng	72
72)	4-Bromophenyl-phenylether	9.131	248	7174	10.62	ng	82
73)	Hexachlorobenzene	9.195	284	8119	11.04	ng	58
74)	N-Octadecane	9.473	57	7187	10.31	ng	66
75)	Pentachlorophenol	9.398	266	2172	5.46	ng	91
76)	Phenanthrene	9.628	178	31286	10.94	ng	100
77)	Anthracene	9.686	178	31671	11.02	ng	98
78)	Carbazole	9.857	167	28525	10.74	ng	99
79)	Di-n-butylphthalate	10.242	149	32224	9.95	ng	97
80)	Fluoranthene	10.958	202	36887	10.41	ng	79
82)	Pyrene	11.220	202	39637	10.21	ng	75
83)	Benzidine	11.118	184	7751	7.02	ng	74
85)	4,4'-DDE	11.348	246	10026	10.24	ng	93
86)	Endrin	11.674	81	1575	9.83	ng	1
87)	4,4'-DDD	11.749	235	15925	10.15	ng	97
88)	Butylbenzylphthalate	12.005	149	14628	9.62	ng	64
89)	Endrin aldehyde	11.674	67	760	10.09	ng	76
90)	4,4'-DDT	12.101	235	16635	10.01	ng	94
91)	Endrin ketone	12.582	317	1994	9.77	ng	99
92)	3,3'-Dichlorobenzidine	12.619	252	10026	9.65	ng	95
93)	Benzo[a]anthracene	12.646	228	40520	10.82	ng	98
94)	Chrysene	12.683	228	36778	10.60	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.705	149	18824	9.63	ng	90
97)	Di-n-octylphthalate	13.453	149	30428	8.59	ng	99
98)	Benzo[b]fluoranthene	13.859	252	39636	10.35	ng	88
99)	Benzo[k]fluoranthene	13.885	252	36751	10.36	ng	88
100)	Benzo[a]pyrene	14.206	252	34742	10.04	ng	87
101)	Indeno[1,2,3-cd]pyrene	15.542	276	38496	10.30	ng	62
102)	Dibenzo[a,h]anthracene	15.563	278	32043	10.43	ng	80
103)	Benzo[g,h,i]perylene	15.905	276	32479	10.69	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M49161.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@10PPM
Data File: 5M49161.D
Acq On : 03/ 3/09 10:38
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 5M_0303.M
Qt On : 03/03/09 10:57
Qt Upd On: 03/03/09 10:38
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->
Abundance
TIC: 5M49161.D\data.ms
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
4-Chloroaniline,T
Hexachlorobutadiene,C
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,T
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4,6-Dinitro-2-methylphenol,C
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Time-->
Abundance
TIC: 5M49161.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Chrysene-d12,I
Perylene-d12,I
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM
Data File: 5M49160.D
Acq On : 03/ 3/09 10:16

Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA

Qt Meth : 5M_0303.M
Qt On : 03/03/09 10:36
Qt Upd On: 03/03/09 10:18

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.717	152	25053	40.00	ng	0.00
23) Naphthalene-d8	6.732	136	93826	40.00	ng	0.00
41) Acenaphthene-d10	8.153	164	58159	40.00	ng	0.00
67) Phenanthrene-d10	9.606	188	108012	40.00	ng	0.00
81) Chrysene-d12	12.657	240	116852	40.00	ng	0.00
96) Perylene-d12	14.270	264	123392	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.494	112	15134	19.34	ng	0.00
Spiked Amount 100.000			Recovery = 19.34%			
9) Phenol-d5	5.397	99	19693	19.97	ng	0.00
Spiked Amount 100.000			Recovery = 19.97%			
24) Nitrobenzene-d5	6.171	128	4424	10.95	ng	0.00
Spiked Amount 50.000			Recovery = 21.90%			
46) 2-Fluorobiphenyl	7.571	172	22459	11.44	ng	0.00
Spiked Amount 50.000			Recovery = 22.88%			
70) 2,4,6-Tribromophenol	8.890	330	8303	21.50	ng	0.00
Spiked Amount 100.000			Recovery = 21.50%			
84) Terphenyl-d14	11.412	244	36161	10.71	ng	0.00
Spiked Amount 50.000			Recovery = 21.42%			
Target Compounds						Qvalue
2) Pyridine	2.896	79	11647	17.30	ng	71
3) N-Nitrosodimethylamine	2.827	74	7080	19.27	ng	74
5) Benzaldehyde	5.332	77	12585	22.54	ng	71
6) Aniline	5.429	93	19550	18.16	ng	38
7) Pentachloroethane	5.471	117	5221	20.88	ng	55
8) bis(2-Chloroethyl)ether	5.493	93	14210	21.74	ng	74
10) Phenol	5.413	94	21333	20.66	ng	92
11) 2-Chlorophenol	5.530	128	17960	21.40	ng	75
12) N-Decane	5.584	57	11790	22.04	ng	72
13) 1,3-Dichlorobenzene	5.664	146	20175	21.79	ng	95
14) 1,4-Dichlorobenzene	5.733	146	20860	21.92	ng	97
15) 1,2-Dichlorobenzene	5.856	146	19461	22.55	ng	99
16) Benzyl alcohol	5.835	108	10748	21.39	ng	80
17) bis(2-chloroisopropyl)...	5.947	45	12230	22.77	ng	66
18) 2-Methylphenol	5.925	108	14798	21.58	ng	97
19) Acetophenone	6.048	105	25820	22.20	ng	76
20) Hexachloroethane	6.134	117	7090	21.94	ng	49
21) N-Nitroso-di-n-propyla...	6.048	70	10878	22.16	ng	77
22) 3&4-Methylphenol	6.054	108	16170	22.09	ng	98
25) Nitrobenzene	6.187	77	16657	21.64	ng	75
26) Isophorone	6.374	82	30959	21.71	ng	83
27) 2-Nitrophenol	6.438	139	9894	21.10	ng	89
28) 2,4-Dimethylphenol	6.470	107	18176	21.20	ng	95
29) Benzoic Acid	6.529	105	6855m	13.13	ng	
30) bis(2-Chloroethoxy)met...	6.545	93	17179	21.42	ng	92
31) 2,4-Dichlorophenol	6.625	162	16102	21.26	ng	84
32) 1,2,4-Trichlorobenzene	6.689	180	20227	22.39	ng	95
33) Naphthalene	6.748	128	51934	21.38	ng	97
34) 4-Chloroaniline	6.786	127	17886	22.91	ng	100
35) Hexachlorobutadiene	6.839	225	12622	21.89	ng	94
36) Caprolactam	7.047	113	5863	22.60	ng	52
37) 4-Chloro-3-methylphenol	7.154	107	16017	20.76	ng	84
38) 2-Methylnaphthalene	7.282	142	37921	21.81	ng	98
39) Methylnaphthalenes (To...	7.282	142	37921	21.81	ng	98
40) 1,1'-Biphenyl	7.656	154	47651	21.71	ng	89
42) 1,2,4,5-Tetrachloroben...	7.416	216	22701	22.23	ng	99
43) Hexachlorocyclopentadiene	7.405	237	11593	19.12	ng	97
44) 2,4,6-Trichlorophenol	7.501	196	12315	21.01	ng	90
45) 2,4,5-Trichlorophenol	7.534	196	13818	21.98	ng	99
47) 2-Chloronaphthalene	7.678	162	37665	22.76	ng	93
48) 1,4-Dimethylnaphthalene	7.956	156	29114	22.34	ng	91
49) Dimethylnaphthalenes (...	7.956	156	29114	22.34	ng	91
50) Diphenyl Ether	7.742	170	28301	22.56	ng	76
51) 2-Nitroaniline	7.758	65	11431	22.44	ng	30
52) Acenaphthylene	8.030	152	55795	22.02	ng	99
53) Dimethylphthalate	7.902	163	44190	22.12	ng	98
54) 2,6-Dinitrotoluene	7.956	165	10381	22.25	ng	69
55) Acenaphthene	8.185	153	37076	21.90	ng	96
56) 3-Nitroaniline	8.105	138	9051	23.45	ng	70
57) 2,4-Dinitrophenol	8.196	184	4522	15.72	ng	88
58) Dibenzofuran	8.335	168	53670	22.27	ng	91
59) 2,4-Dinitrotoluene	8.313	165	14048	21.38	ng	59

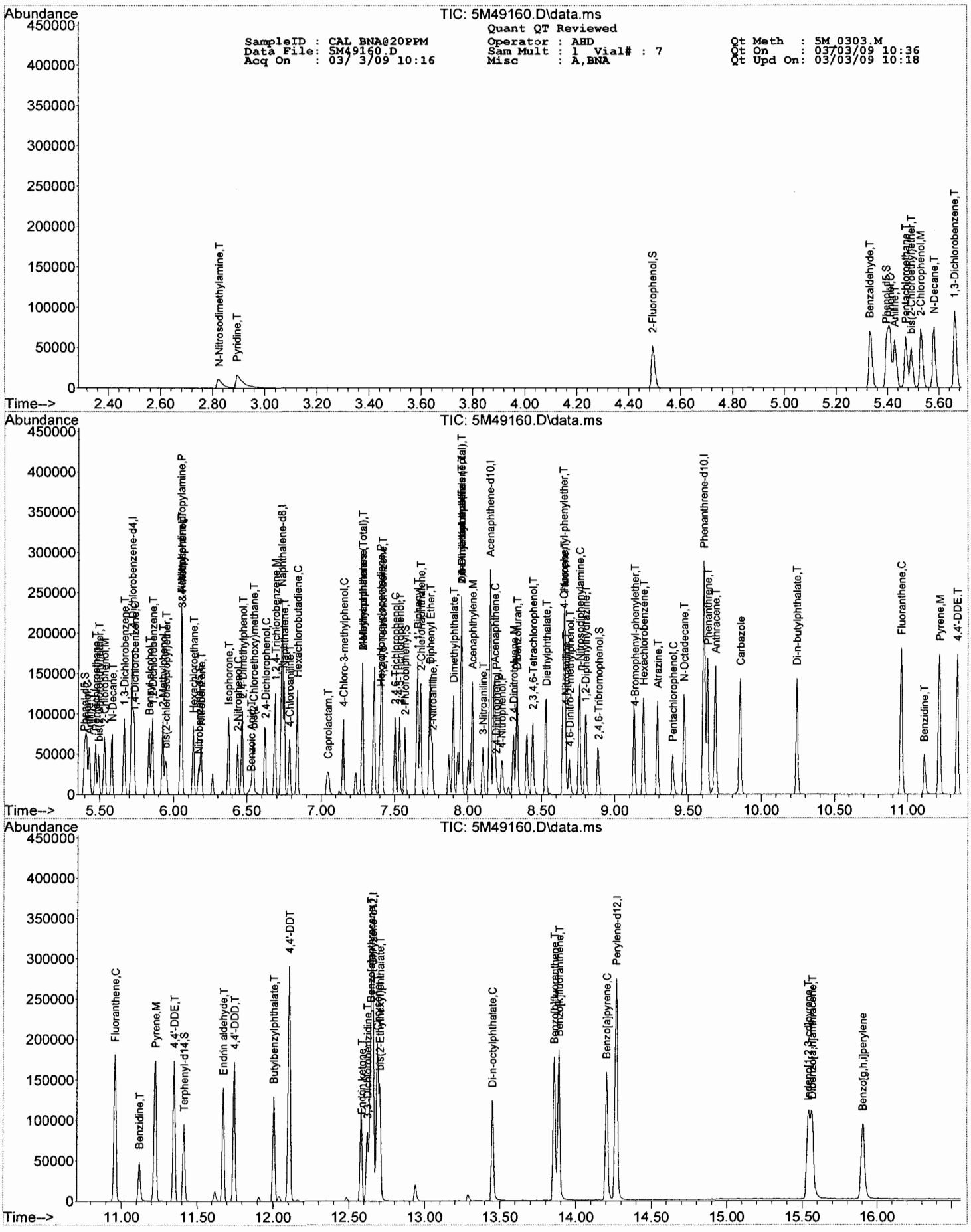
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49160.D Sam Mult : 1 Vial# : 7 Qt On : 03/03/09 10:36
Acq On : 03/ 3/09 10:16 Misc : A,BNA Qt Upd On: 03/03/09 10:18

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.233	65	6324	21.11	ng	57
61)	2,3,4,6-Tetrachlorophenol	8.442	232	12431	21.16	ng	82
62)	Fluorene	8.655	166	45258	22.35	ng	98
63)	4-Chlorophenyl-phenyle...	8.650	204	23639	21.29	ng	83
64)	Diethylphthalate	8.533	149	43542	22.14	ng	91
65)	4-Nitroaniline	8.666	138	10336	21.13	ng	89
66)	Atrazine	9.291	200	15564	21.48	ng	96
68)	4,6-Dinitro-2-methylph...	8.693	198	7767	18.97	ng	100
69)	n-Nitrosodiphenylamine	8.762	169	37411	22.32	ng	99
71)	1,2-Diphenylhydrazine	8.800	77	34801	22.67	ng	78
72)	4-Bromophenyl-phenylether	9.136	248	15578	21.18	ng	78
73)	Hexachlorobenzene	9.195	284	17178	21.50	ng	66
74)	N-Octadecane	9.473	57	16830	22.38	ng	68
75)	Pentachlorophenol	9.398	266	7365	16.32	ng	95
76)	Phenanthrene	9.633	178	68226	22.08	ng	98
77)	Anthracene	9.686	178	69235	22.34	ng	99
78)	Carbazole	9.857	167	63379	22.07	ng	97
79)	Di-n-butylphthalate	10.242	149	75111	21.33	ng	99
80)	Fluoranthene	10.958	202	82965	21.57	ng	79
82)	Pyrene	11.225	202	87491	21.06	ng	74
83)	Benzidine	11.118	184	23069	19.23	ng	79
85)	4,4'-DDE	11.348	246	22638	21.74	ng	93
86)	Endrin	11.674	81	3593	20.95	ng	1
87)	4,4'-DDD	11.749	235	35480	21.16	ng	96
88)	Butylbenzylphthalate	12.005	149	33728	20.66	ng	66
89)	Endrin aldehyde	11.674	67	1714	21.31	ng	80
90)	4,4'-DDT	12.106	235	37545	21.14	ng	96
91)	Endrin ketone	12.587	317	4446	20.22	ng	97
92)	3,3'-Dichlorobenzidine	12.625	252	22894	20.50	ng	93
93)	Benzo[a]anthracene	12.646	228	86944	21.84	ng	99
94)	Chrysene	12.689	228	80141	21.70	ng	98
95)	bis(2-Ethylhexyl)phtha...	12.705	149	43931	20.99	ng	91
97)	Di-n-octylphthalate	13.453	149	73850	18.91	ng	99
98)	Benzo[b]fluoranthene	13.859	252	84127	20.15	ng	89
99)	Benzo[k]fluoranthene	13.891	252	84194	22.12	ng	88
100)	Benzo[a]pyrene	14.206	252	78562	20.97	ng	87
101)	Indeno[1,2,3-cd]pyrene	15.542	276	87298	21.70	ng	64
102)	Dibenzo[a,h]anthracene	15.568	278	72005	21.78	ng	80
103)	Benzo[g,h,i]perylene	15.905	276	72729	22.35	ng	72

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M49160.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@20PPM
Data File: 5M49160.D
Acq On : 03/ 3/09 10:16
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 5M_0303.M
Qt On : 03/03/09 10:36
Qt Upd On: 03/03/09 10:18
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->
Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthene-d10,I
Phenanthrene-d10,I
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49158.D Sam Mult : 1 Vial# : 5 Qt On : 03/03/09 09:49
Acq On : 03/ 3/09 09:32 Misc : A,BNA Qt Upd On: 03/03/09 08:26

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.717	152	21999	40.00	ng	0.00
23) Naphthalene-d8	6.737	136	79008	40.00	ng	0.00
41) Acenaphthene-d10	8.158	164	49075	40.00	ng	0.00
67) Phenanthrene-d10	9.606	188	93204	40.00	ng	-0.01
81) Chrysene-d12	12.662	240	100752	40.00	ng	-0.02
96) Perylene-d12	14.275	264	108625	40.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.494	112	52698	73.32	ng	0.00
Spiked Amount 100.000			Recovery = 73.32%			
9) Phenol-d5	5.402	99	66799	72.46	ng	-0.02
Spiked Amount 100.000			Recovery = 72.46%			
24) Nitrobenzene-d5	6.176	128	13448	39.51	ng	0.00
Spiked Amount 50.000			Recovery = 79.02%			
46) 2-Fluorobiphenyl	7.571	172	67049	39.57	ng	-0.01
Spiked Amount 50.000			Recovery = 79.14%			
70) 2,4,6-Tribromophenol	8.890	330	26370	94.18	ng	-0.02
Spiked Amount 100.000			Recovery = 94.18%			
84) Terphenyl-d14	11.417	244	113813	40.00	ng	-0.01
Spiked Amount 50.000			Recovery = 80.00%			
Target Compounds						Qvalue
2) Pyridine	2.880	79	45458	66.65	ng	68
3) N-Nitrosodimethylamine	2.822	74	24878	62.57	ng	78
5) Benzaldehyde	5.338	77	38633	91.31	ng	68
6) Aniline	5.434	93	74623	76.39	ng	80
7) Pentachloroethane	5.471	117	17508	76.65	ng	59
8) bis(2-Chloroethyl)ether	5.498	93	45978	70.01	ng	72
10) Phenol	5.418	94	71088	73.83	ng	94
11) 2-Chlorophenol	5.535	128	58973	80.00	ng	74
12) N-Decane	5.583	57	37140	63.02	ng	72
13) 1,3-Dichlorobenzene	5.669	146	64763	78.43	ng	97
14) 1,4-Dichlorobenzene	5.733	146	66000	79.87	ng	98
15) 1,2-Dichlorobenzene	5.856	146	60281	79.08	ng	98
16) Benzyl alcohol	5.835	108	35451	77.19	ng	81
17) bis(2-chloroisopropyl)...	5.947	45	38293	59.50	ng	60
18) 2-Methylphenol	5.931	108	48357	76.81	ng	99
19) Acetophenone	6.054	105	81762	78.28	ng	70
20) Hexachloroethane	6.134	117	22152	75.36	ng	58
21) N-Nitroso-di-n-propyla...	6.054	70	34683	74.90	ng	70
22) 3&4-Methylphenol	6.059	108	51172	80.39	ng	98
25) Nitrobenzene	6.192	77	51687	76.46	ng	75
26) Isophorone	6.379	82	95383	74.62	ng	80
27) 2-Nitrophenol	6.438	139	31242	86.23	ng	94
28) 2,4-Dimethylphenol	6.470	107	56517	81.16	ng	98
29) Benzoic Acid	6.561	105	32302m	89.53	ng	
30) bis(2-Chloroethoxy)met...	6.545	93	53848	72.76	ng	98
31) 2,4-Dichlorophenol	6.625	162	50953	85.77	ng	85
32) 1,2,4-Trichlorobenzene	6.689	180	60397	82.76	ng	97
33) Naphthalene	6.753	128	161840	80.25	ng	99
34) 4-Chloroaniline	6.791	127	58080	84.82	ng	100
35) Hexachlorobutadiene	6.839	225	38628	86.15	ng	96
36) Caprolactam	7.085	113	18012	83.40	ng	50
37) 4-Chloro-3-methylphenol	7.159	107	51435	85.78	ng	83
38) 2-Methylnaphthalene	7.288	142	117379	83.15	ng	99
39) Methylnaphthalenes (To...	7.288	142	117379	83.15	ng	99
40) 1,1'-Biphenyl	7.656	154	145856	82.21	ng	91
42) 1,2,4,5-Tetrachloroben...	7.416	216	70032	83.40	ng	96
43) Hexachlorocyclopentadiene	7.405	237	39344	91.50	ng	99
44) 2,4,6-Trichlorophenol	7.507	196	39639	87.07	ng	95
45) 2,4,5-Trichlorophenol	7.539	196	43820	90.05	ng	98
47) 2-Chloronaphthalene	7.683	162	112111	81.01	ng	91
48) 1,4-Dimethylnaphthalene	7.961	156	88590	80.40	ng	87
49) Dimethylnaphthalenes (...	7.961	156	88590	80.40	ng	87
50) Diphenyl Ether	7.742	170	83420	77.29	ng	79
51) 2-Nitroaniline	7.763	65	35335	82.76	ng	41
52) Acenaphthylene	8.036	152	172499	81.33	ng	99
53) Dimethylphthalate	7.907	163	135539	82.70	ng	98
54) 2,6-Dinitrotoluene	7.961	165	31707	89.22	ng	65
55) Acenaphthene	8.185	153	115079	82.57	ng	95
56) 3-Nitroaniline	8.110	138	28079	84.74	ng	75
57) 2,4-Dinitrophenol	8.201	184	19052	115.39	ng	83
58) Dibenzofuran	8.340	168	162923	81.77	ng	88
59) 2,4-Dinitrotoluene	8.319	165	44438	90.94	ng	59

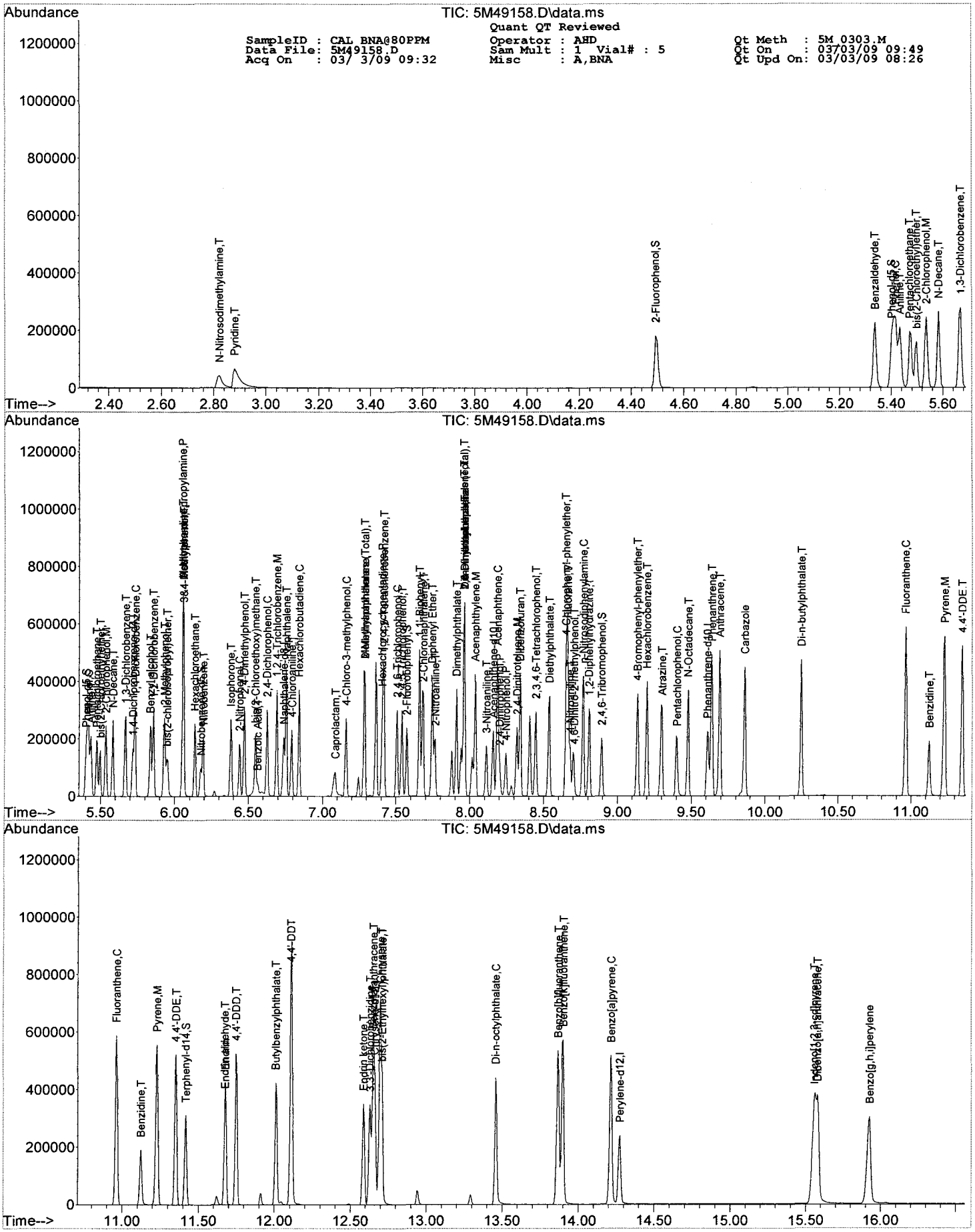
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49158.D Sam Mult : 1 Vial# : 5 Qt On : 03/03/09 09:49
Acq On : 03/ 3/09 09:32 Misc : A,BNA Qt Upd On: 03/03/09 08:26

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.244	65	20238	92.13	ng	49
61) 2,3,4,6-Tetrachlorophenol	8.447	232	39394	91.81	ng	81
62) Fluorene	8.661	166	137770	84.14	ng	99
63) 4-Chlorophenyl-phenyle...	8.650	204	74918	84.54	ng	84
64) Diethylphthalate	8.538	149	133209	84.35	ng	94
65) 4-Nitroaniline	8.677	138	33918	87.08	ng	91
66) Atrazine	9.302	200	49781	88.55	ng	93
68) 4,6-Dinitro-2-methylph...	8.703	198	27865	98.67	ng	100
69) n-Nitrosodiphenylamine	8.767	169	114978	77.97	ng	99
71) 1,2-Diphenylhydrazine	8.805	77	105376	70.67	ng	74
72) 4-Bromophenyl-phenylether	9.136	248	49952	81.94	ng	82
73) Hexachlorobenzene	9.200	284	55722	87.81	ng	60
74) N-Octadecane	9.478	57	50553	63.43	ng	62
75) Pentachlorophenol	9.403	266	30340	93.39	ng	97
76) Phenanthrene	9.638	178	212987	80.22	ng	99
77) Anthracene	9.692	178	215806	81.87	ng	99
78) Carbazole	9.863	167	198756	81.26	ng	98
79) Di-n-butylphthalate	10.247	149	242189	84.48	ng	97
80) Fluoranthene	10.963	202	266073	83.33	ng	80
82) Pyrene	11.230	202	276486	74.98	ng	75
83) Benzidine	11.123	184	85084	116.35	ng	76
85) 4,4'-DDE	11.353	246	69010	78.40	ng	92
86) Endrin	11.679	81	11248	75.13	ng	1
87) 4,4'-DDD	11.748	235	112362	80.58	ng	96
88) Butylbenzylphthalate	12.010	149	109804	79.66	ng	67
89) Endrin aldehyde	11.674	67	5309	66.51	ng	80
90) 4,4'-DDT	12.106	235	117261	86.62	ng	96
91) Endrin ketone	12.587	317	14586	85.01	ng	98
92) 3,3'-Dichlorobenzidine	12.630	252	82761	95.18	ng	94
93) Benzo[a]anthracene	12.651	228	269277	79.42	ng	100
94) Chrysene	12.699	228	251342	80.88	ng	98
95) bis(2-Ethylhexyl)phtha...	12.710	149	139856	82.71	ng	88
97) Di-n-octylphthalate	13.458	149	248694	77.33	ng	100
98) Benzo[b]fluoranthene	13.869	252	268314	77.78	ng	88
99) Benzo[k]fluoranthene	13.901	252	277724m	82.82	ng	
100) Benzo[a]pyrene	14.217	252	263040	81.85	ng	86
101) Indeno[1,2,3-cd]pyrene	15.557	276	294217	83.60	ng	64
102) Dibenzo[a,h]anthracene	15.579	278	241466	82.99	ng	81
103) Benzo[g,h,i]perylene	15.926	276	242558	83.52	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M49158.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@80PPM
Data File: 5M49158.D
Acq On : 03/ 3/09 09:32
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 5M 0303.M
Qt On : 03/03/09 09:49
Qt Upd On: 03/03/09 08:26
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49157.D Sam Mult : 1 Vial# : 4 Qt On : 03/03/09 09:25
Acq On : 03/ 3/09 08:48 Misc : A,BNA Qt Upd On: 03/03/09 08:26

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.723	152	22575	40.00	ng	0.00
23) Naphthalene-d8	6.738	136	81621	40.00	ng	0.00
41) Acenaphthene-d10	8.159	164	51473	40.00	ng	0.00
67) Phenanthrene-d10	9.612	188	96367	40.00	ng	0.00
81) Chrysene-d12	12.673	240	95158	40.00	ng	0.00
96) Perylene-d12	14.281	264	96699	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.499	112	87104	118.10	ng	0.00
Spiked Amount 100.000			Recovery =	118.10%		
9) Phenol-d5	5.413	99	107496	113.63	ng	0.00
Spiked Amount 100.000			Recovery =	113.63%		
24) Nitrobenzene-d5	6.177	128	20975	59.64	ng	0.00
Spiked Amount 50.000			Recovery =	119.28%		
46) 2-Fluorobiphenyl	7.576	172	102478	57.66	ng	0.00
Spiked Amount 50.000			Recovery =	115.32%		
70) 2,4,6-Tribromophenol	8.901	330	41407	143.04	ng	0.00
Spiked Amount 100.000			Recovery =	143.04%		
84) Terphenyl-d14	11.423	244	165096	61.43	ng	0.00
Spiked Amount 50.000			Recovery =	122.86%		
Target Compounds						Qvalue
2) Pyridine	2.875	79	74238	106.07	ng	69
3) N-Nitrosodimethylamine	2.822	74	39759	97.45	ng	76
5) Benzaldehyde	5.338	77	58936	135.75	ng	69
6) Aniline	5.439	93	117515	117.23	ng	79
7) Pentachloroethane	5.477	117	27064	115.47	ng	58
8) bis(2-Chloroethyl)ether	5.504	93	71475	106.06	ng	69
10) Phenol	5.423	94	112567	113.93	ng	97
11) 2-Chlorophenol	5.541	128	91732	121.27	ng	73
12) N-Decane	5.584	57	57456	95.00	ng	73
13) 1,3-Dichlorobenzene	5.669	146	99638	117.59	ng	97
14) 1,4-Dichlorobenzene	5.733	146	102802	121.23	ng	98
15) 1,2-Dichlorobenzene	5.861	146	93767	119.88	ng	99
16) Benzyl alcohol	5.840	108	54039	114.66	ng	81
17) bis(2-chloroisopropyl)...	5.952	45	57073	86.42	ng	57
18) 2-Methylphenol	5.936	108	73475	113.73	ng	99
19) Acetophenone	6.059	105	125504	117.10	ng	69
20) Hexachloroethane	6.139	117	35111	116.40	ng	46
21) N-Nitroso-di-n-propyla...	6.064	70	53313	112.19	ng	65
22) 3&4-Methylphenol	6.064	108	78774	120.60	ng	98
25) Nitrobenzene	6.198	77	79130	113.31	ng	73
26) Isophorone	6.385	82	146045	110.60	ng	81
27) 2-Nitrophenol	6.444	139	48920	130.71	ng	93
28) 2,4-Dimethylphenol	6.476	107	88946	123.64	ng	99
29) Benzoic Acid	6.583	105	57124	153.26	ng	85
30) bis(2-Chloroethoxy)met...	6.551	93	82554	107.98	ng	96
31) 2,4-Dichlorophenol	6.631	162	78260	127.52	ng	86
32) 1,2,4-Trichlorobenzene	6.695	180	93186	123.60	ng	97
33) Naphthalene	6.759	128	251186	120.57	ng	100
34) 4-Chloroaniline	6.796	127	82099	116.06	ng	99
35) Hexachlorobutadiene	6.844	225	59554	128.57	ng	97
36) Caprolactam	7.101	113	27580	123.61	ng	50
37) 4-Chloro-3-methylphenol	7.165	107	79232	127.91	ng	83
38) 2-Methylnaphthalene	7.288	142	176571	121.07	ng	99
39) Methylnaphthalenes (To...	7.288	142	176571	121.07	ng	99
40) 1,1'-Biphenyl	7.662	154	224035	122.24	ng	91
42) 1,2,4,5-Tetrachloroben...	7.421	216	105501	119.78	ng	98
43) Hexachlorocyclopentadiene	7.411	237	64455	142.92	ng	97
44) 2,4,6-Trichlorophenol	7.512	196	61313	128.41	ng	94
45) 2,4,5-Trichlorophenol	7.544	196	66271	129.85	ng	96
47) 2-Chloronaphthalene	7.683	162	172077	118.55	ng	93
48) 1,4-Dimethylnaphthalene	7.961	156	135385	117.15	ng	92
49) Dimethylnaphthalenes (...	7.961	156	135385	117.15	ng	92
50) Diphenyl Ether	7.747	170	128890	113.86	ng	75
51) 2-Nitroaniline	7.763	65	51554	115.12	ng	49
52) Acenaphthylene	8.041	152	264094	118.72	ng	99
53) Dimethylphthalate	7.913	163	208759	121.45	ng	98
54) 2,6-Dinitrotoluene	7.972	165	48460	130.00	ng	54
55) Acenaphthene	8.191	153	174980	119.69	ng	94
56) 3-Nitroaniline	8.121	138	39296m	113.07	ng	
57) 2,4-Dinitrophenol	8.207	184	30893	178.39	ng	86
58) Dibenzofuran	8.346	168	252385	120.76	ng	88
59) 2,4-Dinitrotoluene	8.324	165	68969	134.57	ng	60

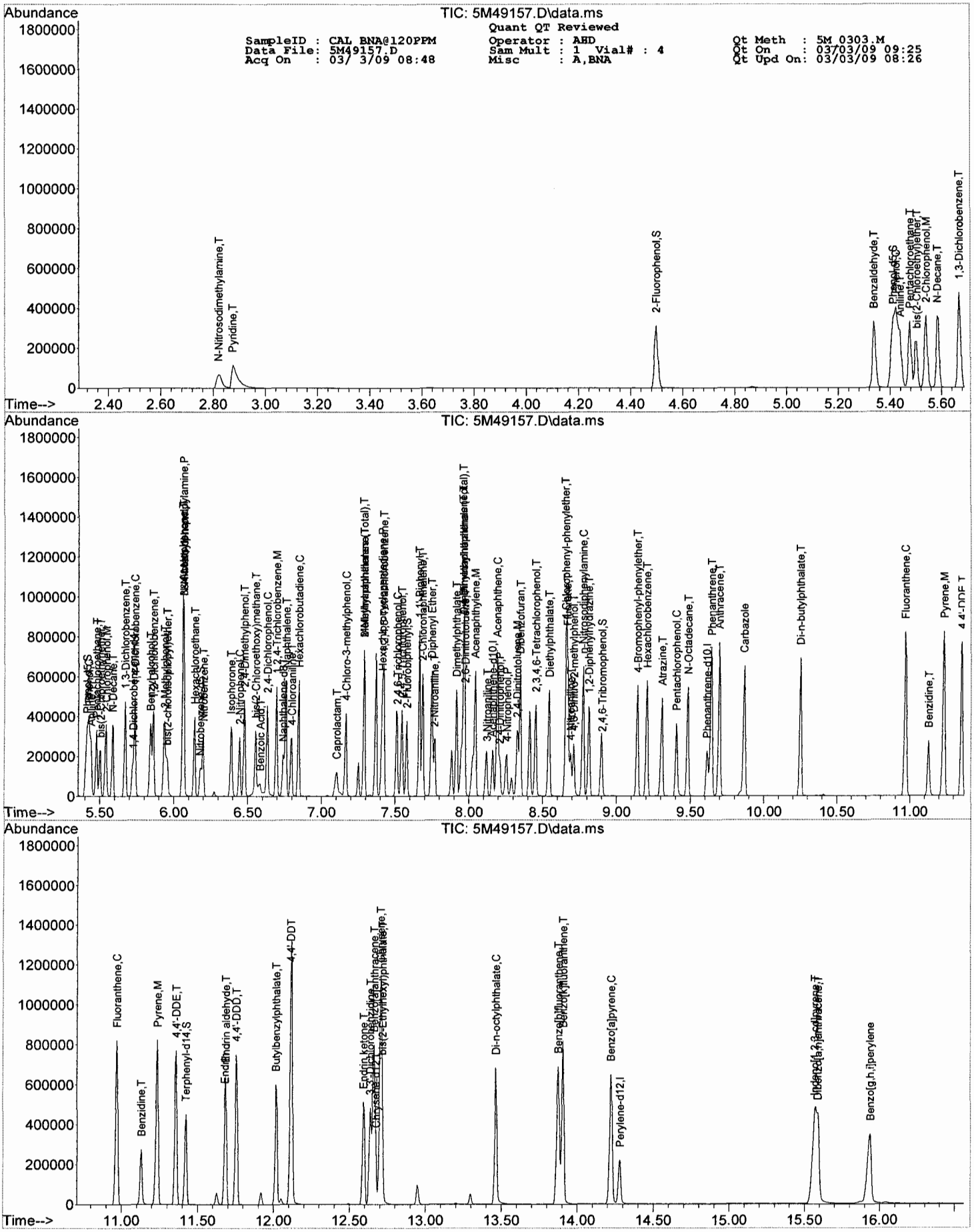
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49157.D Sam Mult : 1 Vial# : 4 Qt On : 03/03/09 09:25
Acq On : 03/ 3/09 08:48 Misc : A,BNA Qt Upd On: 03/03/09 08:26

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60) 4-Nitrophenol	8.255	65	30871	133.99 ng	50
61) 2,3,4,6-Tetrachlorophenol	8.452	232	62642	139.19 ng	81
62) Fluorene	8.666	166	210061	122.31 ng	98
63) 4-Chlorophenyl-phenyle...	8.655	204	115518	124.28 ng	84
64) Diethylphthalate	8.543	149	204226	123.30 ng	94
65) 4-Nitroaniline	8.688	138	50003	122.40 ng	90
66) Atrazine	9.307	200	75663	128.32 ng	96
68) 4,6-Dinitro-2-methylph...	8.709	198	44343	151.86 ng	100
69) n-Nitrosodiphenylamine	8.773	169	175602	115.18 ng	99
71) 1,2-Diphenylhydrazine	8.810	77	162315	105.29 ng	72
72) 4-Bromophenyl-phenylether	9.142	248	78956	125.26 ng	80
73) Hexachlorobenzene	9.206	284	84654	129.03 ng	58
74) N-Octadecane	9.483	57	79659	96.66 ng	64
75) Pentachlorophenol	9.403	266	49272	146.68 ng	97
76) Phenanthrene	9.644	178	326297	118.86 ng	99
77) Anthracene	9.697	178	324880	119.21 ng	100
78) Carbazole	9.868	167	300653	118.89 ng	98
79) Di-n-butylphthalate	10.253	149	372465	125.66 ng	98
80) Fluoranthene	10.969	202	404802	122.62 ng	79
82) Pyrene	11.236	202	412448	118.43 ng	75
83) Benzidine	11.129	184	117937	170.75 ng	78
85) 4,4'-DDE	11.359	246	104385	125.57 ng	93
86) Endrin	11.679	81	17375	122.88 ng	1
87) 4,4'-DDD	11.754	235	166895	126.72 ng	96
88) Butylbenzylphthalate	12.016	149	164071	126.03 ng	67
89) Endrin aldehyde	11.685	67	8116	107.65 ng	79
90) 4,4'-DDT	12.112	235	177912	139.15 ng	96
91) Endrin ketone	12.593	317	22077	136.23 ng	98
92) 3,3'-Dichlorobenzidine	12.635	252	109740	133.62 ng	94
93) Benzo[a]anthracene	12.662	228	391259	122.18 ng	99
94) Chrysene	12.705	228	365938	124.68 ng	97
95) bis(2-Ethylhexyl)phtha...	12.716	149	206950	129.58 ng	88
97) Di-n-octylphthalate	13.463	149	378751	132.29 ng	100
98) Benzo[b]fluoranthene	13.875	252	391635	127.53 ng	89
99) Benzo[k]fluoranthene	13.907	252	354211m	118.65 ng	
100) Benzo[a]pyrene	14.222	252	347836	121.58 ng	87
101) Indeno[1,2,3-cd]pyrene	15.568	276	367194	117.20 ng	65
102) Dibenzo[a,h]anthracene	15.590	278	303206	117.06 ng	80
103) Benzo[g,h,i]perylene	15.937	276	295314	114.22 ng	72

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M49157.D\data.ms
SampleID : CAL BNA@120PPM
Data File: 5M49157.D
Acq On : 03/ 3/09 08:48
Quant QT Reviewed
Operator : AED
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 5M 0303.M
Qt On : 03/03/09 09:25
Qt Upd On: 03/03/09 08:26
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49156.D Sam Mult : 1 Vial# : 3 Qt On : 03/03/09 09:25
Acq On : 03/ 3/09 08:19 Misc : A,BNA Qt Upd On: 03/03/09 08:26

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.717	152	20005	40.00	ng	0.00
23) Naphthalene-d8	6.738	136	71998	40.00	ng	0.00
41) Acenaphthene-d10	8.159	164	46071	40.00	ng	0.00
67) Phenanthrene-d10	9.612	188	88210	40.00	ng	0.00
81) Chrysene-d12	12.673	240	89986	40.00	ng	0.00
96) Perylene-d12	14.275	264	87348	40.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.499	112	105756	161.81	ng	0.00
Spiked Amount 100.000			Recovery =	161.81%		
9) Phenol-d5	5.413	99	131393	156.74	ng	0.00
Spiked Amount 100.000			Recovery =	156.74%		
24) Nitrobenzene-d5	6.182	128	25549	82.36	ng	0.00
Spiked Amount 50.000			Recovery =	164.72%		
46) 2-Fluorobiphenyl	7.576	172	124593	78.32	ng	0.00
Spiked Amount 50.000			Recovery =	156.64%		
70) 2,4,6-Tribromophenol	8.896	330	51190	193.18	ng	-0.01
Spiked Amount 100.000			Recovery =	193.18%		
84) Terphenyl-d14	11.423	244	208040	81.86	ng	0.00
Spiked Amount 50.000			Recovery =	163.72%		
Target Compounds						Qvalue
2) Pyridine	2.875	79	89681	144.59	ng	67
3) N-Nitrosodimethylamine	2.822	74	49038	135.64	ng	80
5) Benzaldehyde	5.338	77	69965	181.85	ng	69
6) Aniline	5.439	93	142241	160.13	ng	80
7) Pentachloroethane	5.477	117	32648	157.19	ng	57
8) bis(2-Chloroethyl)ether	5.503	93	84831	142.06	ng	72
10) Phenol	5.423	94	137089	156.57	ng	95
11) 2-Chlorophenol	5.541	128	109369	163.16	ng	73
12) N-Decane	5.584	57	69202	129.13	ng	72
13) 1,3-Dichlorobenzene	5.669	146	121500	161.81	ng	98
14) 1,4-Dichlorobenzene	5.733	146	123684	164.59	ng	99
15) 1,2-Dichlorobenzene	5.861	146	112262	161.96	ng	98
16) Benzyl alcohol	5.840	108	65467	156.75	ng	81
17) bis(2-chloroisopropyl)...	5.952	45	69839	119.34	ng	57
18) 2-Methylphenol	5.936	108	90815	158.63	ng	99
19) Acetophenone	6.059	105	152690	160.76	ng	68
20) Hexachloroethane	6.134	117	42540	159.14	ng	65
21) N-Nitroso-di-n-propyla...	6.064	70	63163m	150.00	ng	
22) 3&4-Methylphenol	6.064	108	97983	169.27	ng	100
25) Nitrobenzene	6.198	77	95403	154.87	ng	72
26) Isophorone	6.385	82	180885	155.29	ng	80
27) 2-Nitrophenol	6.444	139	59789	181.10	ng	90
28) 2,4-Dimethylphenol	6.476	107	108860	171.55	ng	98
29) Benzoic Acid	6.593	105	71555m	217.64	ng	
30) bis(2-Chloroethoxy)met...	6.551	93	101016	149.78	ng	94
31) 2,4-Dichlorophenol	6.631	162	97109	179.38	ng	86
32) 1,2,4-Trichlorobenzene	6.695	180	113527	170.70	ng	96
33) Naphthalene	6.754	128	309417	168.36	ng	99
34) 4-Chloroaniline	6.791	127	91147	146.08	ng	99
35) Hexachlorobutadiene	6.844	225	72648	177.79	ng	98
36) Caprolactam	7.111	113	33294	169.17	ng	52
37) 4-Chloro-3-methylphenol	7.165	107	99746	182.55	ng	82
38) 2-Methylnaphthalene	7.288	142	221896	172.49	ng	100
39) Methylnaphthalenes (To...	7.288	142	221896	172.49	ng	100
40) 1,1'-Biphenyl	7.662	154	281752	174.28	ng	91
42) 1,2,4,5-Tetrachloroben...	7.421	216	129878	164.75	ng	98
43) Hexachlorocyclopentadiene	7.411	237	81953	203.02	ng	98
44) 2,4,6-Trichlorophenol	7.507	196	76142	178.16	ng	95
45) 2,4,5-Trichlorophenol	7.544	196	80230	175.63	ng	95
47) 2-Chloronaphthalene	7.683	162	213267	164.16	ng	93
48) 1,4-Dimethylnaphthalene	7.961	156	169150	163.53	ng	88
49) Dimethylnaphthalenes (...	7.961	156	169150	163.53	ng	88
50) Diphenyl Ether	7.747	170	163055	160.93	ng	73
51) 2-Nitroaniline	7.763	65	65178	162.61	ng	51
52) Acenaphthylene	8.041	152	327567	164.52	ng	99
53) Dimethylphthalate	7.918	163	257793	167.56	ng	98
54) 2,6-Dinitrotoluene	7.972	165	60527	181.42	ng	55
55) Acenaphthene	8.191	153	221634	169.38	ng	95
56) 3-Nitroaniline	8.121	138	46887	150.74	ng	69
57) 2,4-Dinitrophenol	8.207	184	39654	255.83	ng	89
58) Dibenzofuran	8.346	168	307967	164.64	ng	88
59) 2,4-Dinitrotoluene	8.330	165	85572	186.54	ng	57

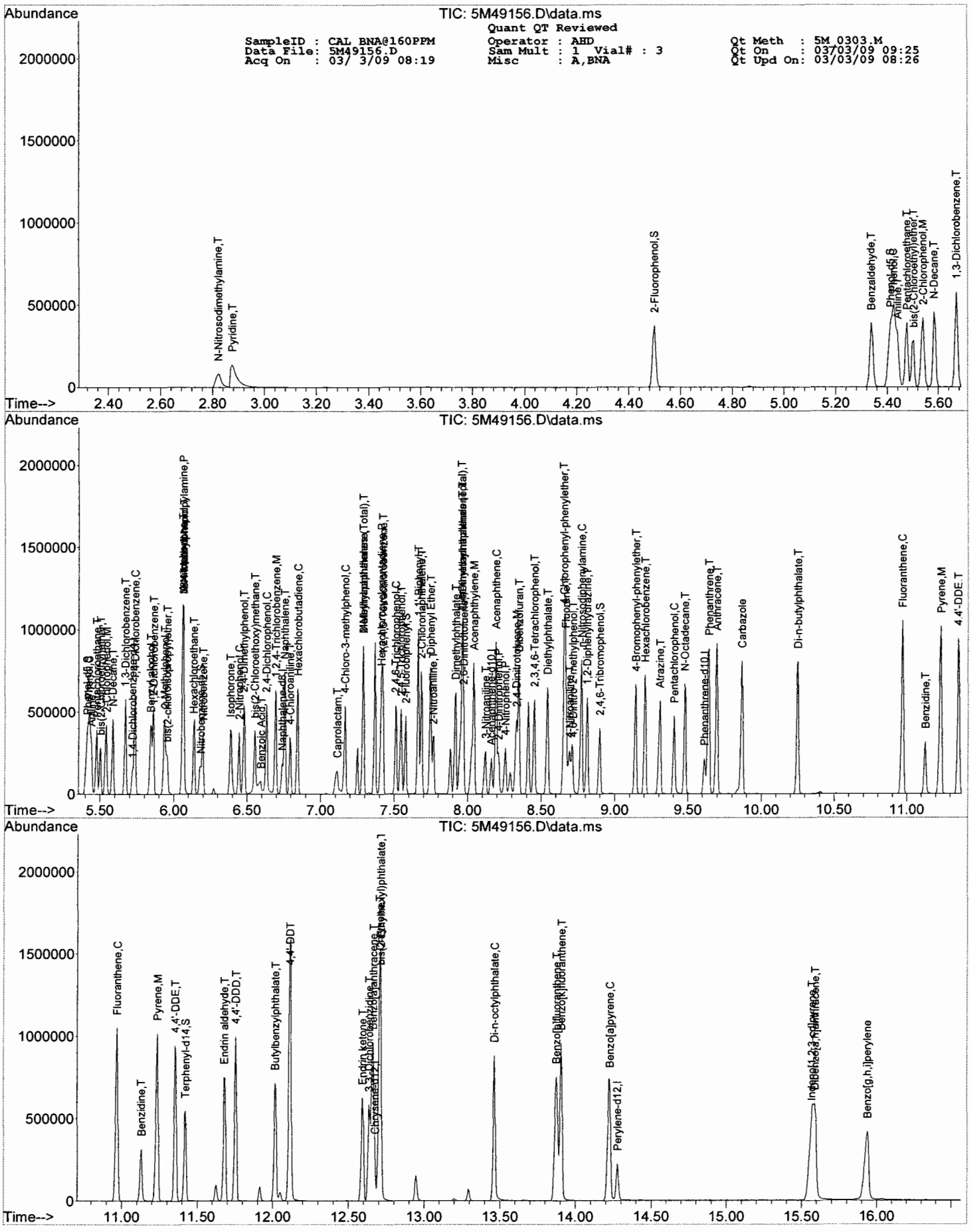
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49156.D Sam Mult : 1 Vial# : 3 Qt On : 03/03/09 09:25
Acq On : 03/ 3/09 08:19 Misc : A,BNA Qt Upd On: 03/03/09 08:26

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.255	65	38659	187.46	ng	52
61) 2,3,4,6-Tetrachlorophenol	8.452	232	75964	188.58	ng	81
62) Fluorene	8.666	166	260478	169.45	ng	99
63) 4-Chlorophenyl-phenyle...	8.655	204	143801	172.84	ng	83
64) Diethylphthalate	8.543	149	254723	171.81	ng	94
65) 4-Nitroaniline	8.693	138	62674	171.40	ng	89
66) Atrazine	9.307	200	93863	177.85	ng	93
68) 4,6-Dinitro-2-methylph...	8.714	198	55650	208.21	ng	100
69) n-Nitrosodiphenylamine	8.773	169	221128	158.45	ng	98
71) 1,2-Diphenylhydrazine	8.810	77	199758	141.56	ng	71
72) 4-Bromophenyl-phenylether	9.142	248	97309	168.65	ng	80
73) Hexachlorobenzene	9.206	284	104707	174.35	ng	59
74) N-Octadecane	9.478	57	98697	130.84	ng	65
75) Pentachlorophenol	9.403	266	62059	201.84	ng	97
76) Phenanthrene	9.644	178	408934	162.74	ng	99
77) Anthracene	9.697	178	408701	163.83	ng	100
78) Carbazole	9.868	167	378832	163.66	ng	97
79) Di-n-butylphthalate	10.253	149	468352	172.62	ng	98
80) Fluoranthene	10.969	202	512259	169.52	ng	79
82) Pyrene	11.236	202	516886	156.95	ng	75
83) Benzidine	11.129	184	137486	210.50	ng	78
85) 4,4'-DDE	11.353	246	130597	166.13	ng	93
86) Endrin	11.679	81	21038	157.34	ng	1
87) 4,4'-DDD	11.754	235	207491	166.59	ng	96
88) Butylbenzylphthalate	12.016	149	204889	166.43	ng	66
89) Endrin aldehyde	11.679	67	9900	138.86	ng	77
90) 4,4'-DDT	12.112	235	225227	186.28	ng	95
91) Endrin ketone	12.593	317	28107	183.41	ng	100
92) 3,3'-Dichlorobenzidine	12.635	252	130156	167.59	ng	94
93) Benzo[a]anthracene	12.662	228	491079	162.16	ng	99
94) Chrysene	12.705	228	453789	163.50	ng	98
95) bis(2-Ethylhexyl)phtha...	12.710	149	263071	174.19	ng	90
97) Di-n-octylphthalate	13.463	149	479683	185.48	ng	100
98) Benzo[b]fluoranthene	13.875	252	488591	176.14	ng	89
99) Benzo[k]fluoranthene	13.907	252	438214m	162.51	ng	
100) Benzo[a]pyrene	14.227	252	433195	167.62	ng	86
101) Indeno[1,2,3-cd]pyrene	15.568	276	456133	161.18	ng	65
102) Dibenzo[a,h]anthracene	15.590	278	376762	161.03	ng	81
103) Benzo[g,h,i]perylene	15.937	276	363633	155.70	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M49156.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@160PPM
Data File: 5M49156.D
Acq On : 03/ 3/09 08:19
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 5M_0303.M
Qt On : 03703/09 09:25
Qt Upd On: 03/03/09 08:26
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->

Abundance
TIC: 5M49156.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthylene,M
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Time-->

Abundance
TIC: 5M49156.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

Sample ID : CAL BNA@196PPM
Data File: 5M49155.D
Acq On : 03/ 3/09 07:57

Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA

Qt Meth : 5M_0303.M
Qt On : 03/03/09 08:26
Qt Upd On: 03/03/09 08:26

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.723	152	20691	40.00	ng	0.00
23) Naphthalene-d8	6.743	136	73368	40.00	ng	0.00
41) Acenaphthene-d10	8.164	164	47341	40.00	ng	0.00
67) Phenanthrene-d10	9.617	188	89467	40.00	ng	0.00
81) Chrysene-d12	12.678	240	92553	40.00	ng	0.00
96) Perylene-d12	14.286	264	92287	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.499	112	137096	202.80	ng	0.00
Spiked Amount 100.000			Recovery = 202.80%			
9) Phenol-d5	5.418	99	167711	193.43	ng	0.00
Spiked Amount 100.000			Recovery = 193.43%			
24) Nitrobenzene-d5	6.182	128	31323	99.09	ng	0.00
Spiked Amount 50.000			Recovery = 198.18%			
46) 2-Fluorobiphenyl	7.582	172	150270	91.93	ng	0.00
Spiked Amount 50.000			Recovery = 183.86%			
70) 2,4,6-Tribromophenol	8.907	330	63139	234.93	ng	0.00
Spiked Amount 100.000			Recovery = 234.93%			
84) Terphenyl-d14	11.428	244	256337	98.07	ng	0.00
Spiked Amount 50.000			Recovery = 196.14%			
Target Compounds						Qvalue
2) Pyridine	2.875	79	117565	183.26	ng	67
3) N-Nitrosodimethylamine	2.827	74	64472	172.41	ng	77
5) Benzaldehyde	5.343	77	95912	241.03	ng	68
6) Aniline	5.439	93	179855	195.76	ng	79
7) Pentachloroethane	5.477	117	40411	188.11	ng	59
8) bis(2-Chloroethyl)ether	5.503	93	106893	173.07	ng	74
10) Phenol	5.429	94	173268	191.33	ng	93
11) 2-Chlorophenol	5.546	128	136506	196.89	ng	72
12) N-Decane	5.589	57	85710	154.63	ng	70
13) 1,3-Dichlorobenzene	5.674	146	148641	191.39	ng	96
14) 1,4-Dichlorobenzene	5.739	146	152875	196.69	ng	98
15) 1,2-Dichlorobenzene	5.861	146	137446	191.72	ng	99
16) Benzyl alcohol	5.845	108	81642	189.00	ng	77
17) bis(2-chloroisopropyl)...	5.958	45	85504	141.26	ng	57
18) 2-Methylphenol	5.936	108	109541	185.00	ng	100
19) Acetophenone	6.064	105	188628	192.02	ng	66
20) Hexachloroethane	6.139	117	51437	186.05	ng	52
21) N-Nitroso-di-n-propyla...	6.070	70	78434	180.09	ng	64
22) 3&4-Methylphenol	6.070	108	118963	198.70	ng	97
25) Nitrobenzene	6.203	77	118395	188.61	ng	73
26) Isophorone	6.390	82	220272	185.57	ng	81
27) 2-Nitrophenol	6.449	139	72042	214.14	ng	88
28) 2,4-Dimethylphenol	6.481	107	130903	202.44	ng	98
29) Benzoic Acid	6.609	105	88604m	264.47	ng	
30) bis(2-Chloroethoxy)met...	6.556	93	122716	178.56	ng	95
31) 2,4-Dichlorophenol	6.636	162	115395	209.18	ng	86
32) 1,2,4-Trichlorobenzene	6.695	180	136050	200.75	ng	97
33) Naphthalene	6.759	128	369357	197.23	ng	99
34) 4-Chloroaniline	6.796	127	97703	153.66	ng	100
35) Hexachlorobutadiene	6.844	225	86052	206.67	ng	96
36) Caprolactam	7.122	113	36470	181.84	ng	53
37) 4-Chloro-3-methylphenol	7.170	107	119172	214.03	ng	84
38) 2-Methylnaphthalene	7.293	142	264087	201.45	ng	100
39) Methylnaphthalenes (To...	7.293	142	264087	201.45	ng	100
40) 1,1'-Biphenyl	7.667	154	335341	203.55	ng	91
42) 1,2,4,5-Tetrachloroben...	7.427	216	156887	193.67	ng	98
43) Hexachlorocyclopentadiene	7.411	237	95787	230.93	ng	99
44) 2,4,6-Trichlorophenol	7.512	196	92059	209.62	ng	97
45) 2,4,5-Trichlorophenol	7.550	196	95719	203.91	ng	97
47) 2-Chloronaphthalene	7.688	162	254233	190.44	ng	93
48) 1,4-Dimethylnaphthalene	7.966	156	201672	189.74	ng	91
49) Dimethylnaphthalenes (...	7.966	156	201672	189.74	ng	91
50) Diphenyl Ether	7.753	170	196610	188.84	ng	72
51) 2-Nitroaniline	7.774	65	78042	189.48	ng	36
52) Acenaphthylene	8.046	152	391764	191.48	ng	99
53) Dimethylphthalate	7.924	163	311963	197.32	ng	98
54) 2,6-Dinitrotoluene	7.977	165	72289	210.86	ng	57
55) Acenaphthene	8.196	153	263222	195.77	ng	95
56) 3-Nitroaniline	8.127	138	56304	176.15	ng	73
57) 2,4-Dinitrophenol	8.217	184	48739	306.01	ng	75
58) Dibenzofuran	8.351	168	372692	193.89	ng	88
59) 2,4-Dinitrotoluene	8.335	165	103225	218.98	ng	60

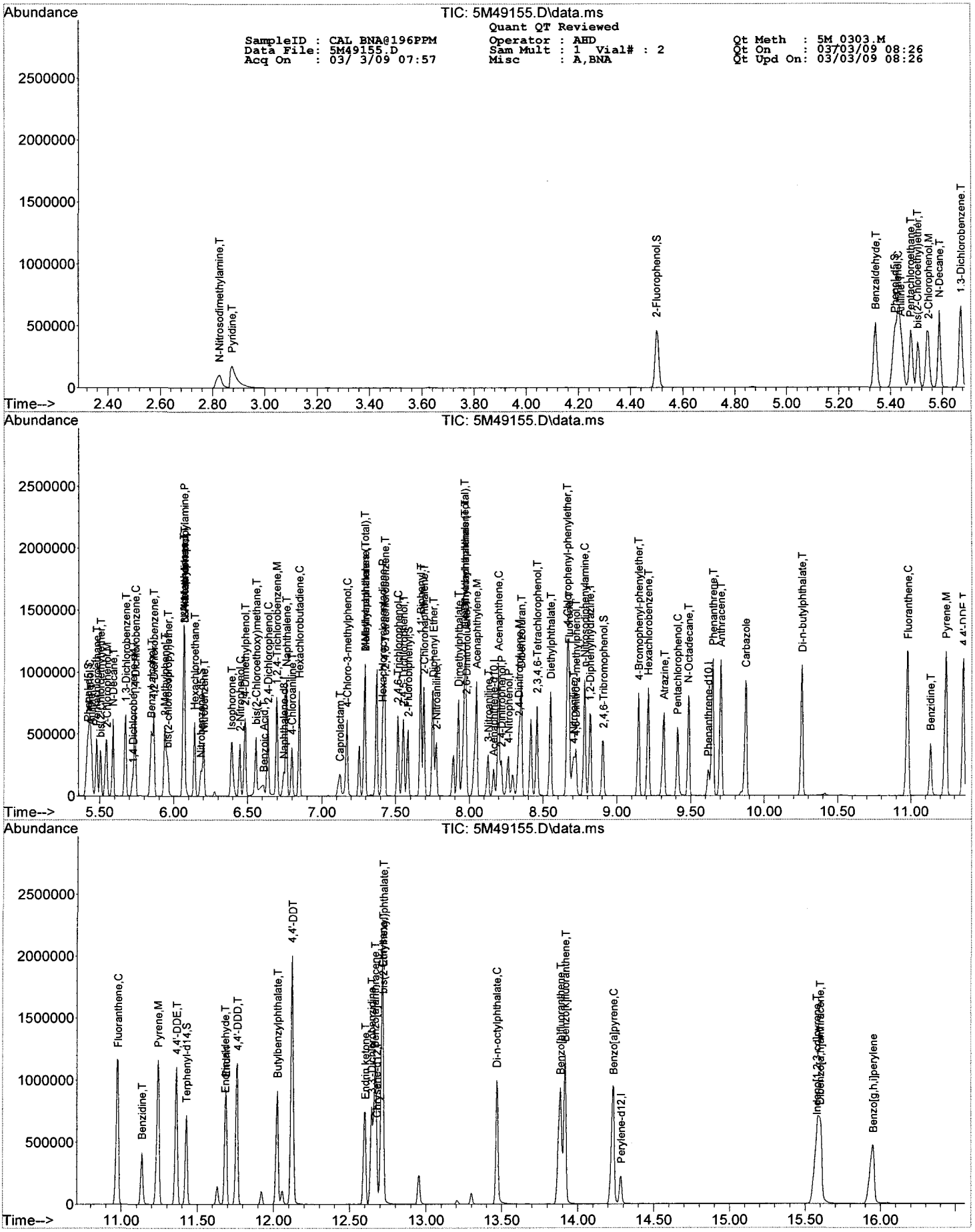
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49155.D Sam Mult : 1 Vial# : 2 Qt On : 03/03/09 08:26
Acq On : 03/ 3/09 07:57 Misc : A,BNA Qt Upd On: 03/03/09 08:26

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.265	65	48807	230.32	ng	51
61) 2,3,4,6-Tetrachlorophenol	8.458	232	92094	222.49	ng	81
62) Fluorene	8.671	166	316009	200.06	ng	100
63) 4-Chlorophenyl-phenyle...	8.661	204	175300	205.05	ng	82
64) Diethylphthalate	8.549	149	307846	202.07	ng	95
65) 4-Nitroaniline	8.704	138	78558	209.08	ng	90
66) Atrazine	9.318	200	113668	209.59	ng	93
68) 4,6-Dinitro-2-methylph...	8.720	198	67844	250.27	ng	100
69) n-Nitrosodiphenylamine	8.778	169	268848	189.94	ng	99
71) 1,2-Diphenylhydrazine	8.816	77	244666	170.95	ng	73
72) 4-Bromophenyl-phenylether	9.147	248	117876	201.43	ng	82
73) Hexachlorobenzene	9.211	284	127181	208.80	ng	60
74) N-Octadecane	9.483	57	121555	158.88	ng	66
75) Pentachlorophenol	9.409	266	77713	249.20	ng	97
76) Phenanthrene	9.649	178	491437	192.83	ng	99
77) Anthracene	9.703	178	493675	195.11	ng	99
78) Carbazole	9.873	167	466678	198.78	ng	98
79) Di-n-butylphthalate	10.258	149	575566	209.16	ng	98
80) Fluoranthene	10.979	202	628368	205.02	ng	79
82) Pyrene	11.241	202	639078	188.67	ng	77
83) Benzidine	11.134	184	176725	263.07	ng	78
85) 4,4'-DDE	11.364	246	156643	193.73	ng	93
86) Endrin	11.690	81	26336	191.50	ng	1
87) 4,4'-DDD	11.765	235	255481	199.44	ng	95
88) Butylbenzylphthalate	12.026	149	253988	200.59	ng	64
89) Endrin aldehyde	11.684	67	12706	173.27	ng	82
90) 4,4'-DDT	12.123	235	274877	221.04	ng	95
91) Endrin ketone	12.603	317	34452	218.58	ng	100
92) 3,3'-Dichlorobenzidine	12.646	252	161429	202.09	ng	94
93) Benzo[a]anthracene	12.667	228	617242	198.17	ng	100
94) Chrysene	12.716	228	572152	200.43	ng	98
95) bis(2-Ethylhexyl)phtha...	12.721	149	327381	210.76	ng	88
97) Di-n-octylphthalate	13.469	149	605190	221.49	ng	100
98) Benzo[b]fluoranthene	13.885	252	656216	223.91	ng	89
99) Benzo[k]fluoranthene	13.918	252	539422m	189.33	ng	
100) Benzo[a]pyrene	14.238	252	559933	205.07	ng	86
101) Indeno[1,2,3-cd]pyrene	15.579	276	568010	189.97	ng	67
102) Dibenzo[a,h]anthracene	15.600	278	463932	187.68	ng	82
103) Benzo[g,h,i]perylene	15.953	276	443605	179.78	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M49155.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@196PPM
Data File: 5M49155.D
Acq On : 03/ 3/09 07:57
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 5M 0303.M
Qt On : 03/03/09 08:26
Qt Upd On: 03/03/09 08:26
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->
Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthylene,M
Diethylphthalate,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M49110.D **Instrument:** GCMS 5

Cont Calibration Date/Time 2/26/2009 9:16:00 A Method: EPA 625

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.4-Dichlorobenzene-d4	1	0	I	5.75	40.00	40				0.000	0.00	
Pyridine	1	0		2.93	44.93	50			1.240	1.141	10.14	
N-Nitrosodimethylamine	1	0		2.86	43.67	50			0.723	0.631	12.66	
2-Fluorophenol	1	0	S	4.53	47.13	50			1.307	1.232	5.74	
Benzaldehyde	1	0		5.36	45.83	50			0.769	0.723	8.34	
Aniline	1	0		5.46	51.96	50			1.776	1.846	3.92	
Pentachloroethane	1	0		5.50	49.39	50			0.415	0.410	1.22	
bis(2-Chloroethyl)ether	1	0		5.52	47.41	50	20		1.194	1.132	5.18	
Phenol-d5	1	0	S	5.43	48.29	50			1.676	1.619	3.42	
Phenol	1	0		5.44	47.79	50	20		1.751	1.673	4.42	
2-Chlorophenol	1	0		5.57	50.17	50	20		1.340	1.345	0.34	
N-Decane	1	0		5.61	44.66	50	20		1.072	0.957	10.68	
1.3-Dichlorobenzene	1	0		5.70	51.19	50	20		1.501	1.537	2.38	
1.4-Dichlorobenzene	1	0		5.76	51.81	50	20		1.503	1.557	3.62	
1.2-Dichlorobenzene	1	0		5.89	51.91	50	20		1.386	1.439	3.82	
Benzyl alcohol	1	0		5.87	50.65	50			0.835	0.846	1.30	
bis(2-chloroisopropyl)ether	1	0		5.98	41.74	50	20		1.170	0.977	16.52	
2-Methylphenol	1	0		5.96	49.21	50	20		1.145	1.127	1.58	
Acetophenone	1	0		6.08	51.21	50			1.899	1.945	2.42	
Hexachloroethane	1	0		6.17	49.26	50	20		0.534	0.527	1.48	
N-Nitroso-di-n-propylamine	1	0		6.08	48.66	50	20		0.842	0.819	2.68	
3&4-Methylphenol	1	0		6.09	50.57	50			1.157	1.171	1.14	
Naphthalene-d8	1	0	I	6.76	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.20	24.93	25			0.172	0.172	0.28	
Nitrobenzene	1	0		6.22	49.12	50	20		0.342	0.336	1.76	
Isophorone	1	0		6.41	47.66	50	20		0.647	0.617	4.68	
2-Nitrophenol	1	0		6.47	53.96	50	20		0.183	0.198	7.92	
2.4-Dimethylphenol	1	0		6.50	50.30	50	20		0.353	0.355	0.60	
Benzoic Acid	1	0		6.57	41.32	50			0.183	0.160	17.36	
bis(2-Chloroethoxy)methane	1	0		6.57	45.57	50	20		0.375	0.341	8.86	
2.4-Dichlorophenol	1	0		6.65	51.80	50	20		0.301	0.312	3.60	
1.2.4-Trichlorobenzene	1	0		6.72	51.35	50	20		0.369	0.379	2.70	
Naphthalene	1	0		6.78	50.43	50	20		1.021	1.030	0.86	
4-Chloroaniline	1	0		6.82	57.24	50			0.347	0.397	14.48	
Hexachlorobutadiene	1	0		6.87	52.76	50	20		0.227	0.240	5.52	
Caprolactam	1	0		7.10	53.55	50			0.109	0.117	7.10	
4-Chloro-3-methylphenol	1	0		7.19	52.44	50	20		0.304	0.318	4.88	
2-Methylnaphthalene	1	0		7.31	50.69	50			0.715	0.725	1.38	
Methylnaphthalenes	1	0		7.31	50.69							
1.1'-Biphenyl	1	0		7.69	51.30	50			0.898	0.922	2.60	
Acenaphthene-d10	1	0	I	8.19	40.00	40				0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		7.45	53.12	50			0.684	0.727	6.24	
Hexachlorocyclopentadiene	1	0		7.44	55.27	50			0.350	0.387	10.54	
2.4.6-Trichlorophenol	1	0		7.54	54.11	50	20		0.371	0.402	8.22	
2.4.5-Trichlorophenol	1	0		7.57	53.60	50			0.397	0.425	7.20	
2-Fluorobiphenyl	1	0	S	7.60	25.34	25			1.381	1.400	1.36	
2-Chloronaphthalene	1	0		7.71	51.57	50	20		1.128	1.163	3.14	
1.4-Dimethylnaphthalene	1	0		7.99	51.34	50			0.898	0.922	2.68	
Dimethylnaphthalenes	1	0		7.99	51.34							
Diphenyl Ether	1	0		7.77	50.96	50			0.880	0.897	1.92	
2-Nitroaniline	1	0		7.79	52.38	50			0.348	0.365	4.76	
Acenaphthylene	1	0		8.07	51.63	50	20		1.729	1.785	3.26	
Dimethylphthalate	1	0		7.94	52.54	50	20		1.336	1.404	5.08	
2.6-Dinitrotoluene	1	0		7.99	55.73	50	20		0.290	0.323	11.46	
Acenaphthene	1	0		8.22	51.07	50	20		1.136	1.160	2.14	
3-Nitroaniline	1	0		8.14	57.45	50			0.270	0.310	14.90	
2.4-Dinitrophenol	1	0		8.23	52.87	50	20		0.135	0.152	5.74	
Dibenzofuran	1	0		8.37	52.04	50			1.624	1.690	4.08	
2.4-Dinitrotoluene	1	0		8.35	55.80	50	20		0.398	0.444	11.60	
4-Nitrophenol	1	0		8.28	51.95	50	20		0.179	0.198	3.90	
2.3.4.6-Tetrachlorophenol	1	0		8.48	54.95	50			0.350	0.384	9.90	
Fluorene	1	0		8.69	52.63	50	20		1.335	1.405	5.26	
4-Chlorophenyl-phenylether	1	0		8.69	53.46	50	20		0.722	0.772	6.92	
Diethylphthalate	1	0		8.57	52.74	50	20		1.287	1.358	5.48	
4-Nitroaniline	1	0		8.71	54.70	50			0.317	0.347	9.40	
Atrazine	1	0		9.33	53.19	50			0.458	0.487	6.38	
Phenanthrene-d10	1	0	I	9.65	40.00	40				0.000	0.00	
4.6-Dinitro-2-methylphenol	1	0		8.74	53.39	50	20		0.121	0.136	6.78	
n-Nitrosodiphenylamine	1	0		8.80	50.23	50			0.633	0.636	0.46	
2.4.6-Tribromophenol	1	0	S	8.93	55.57	50			0.120	0.134	11.14	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M49110.D **Instrument:** GCMS 5

Cont Calibration Date/Time 2/26/2009 9:16:00 A Method: EPA 625

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Diphenylhydrazine	1	0		8.84	47.49	50			0.640	0.608	5.02	
4-Bromophenyl-phenylether	1	0		9.17	50.63	50	20		0.262	0.265	1.26	
Hexachlorobenzene	1	0		9.24	53.93	50	20		0.272	0.294	7.86	
N-Octadecane	1	0		9.51	44.12	50	20		0.342	0.302	11.76	
Pentachlorophenol	1	0		9.44	40.72	50	20		0.139	0.115	18.56	
Phenanthrene	1	0		9.68	50.84	50	20		1.139	1.159	1.68	
Anthracene	1	0		9.73	51.74	50	20		1.131	1.171	3.48	
Carbazole	1	0		9.90	51.43	50	20		1.050	1.080	2.86	
Di-n-butylphthalate	1	0		10.28	52.06	50	20		1.230	1.281	4.12	
Fluoranthene	1	0		11.00	52.34	50	20		1.370	1.434	4.68	
Chrysene-d12	1	0	I	12.70	40.00	40				0.000	0.00	
Pyrene	1	0		11.27	48.85	50	20		1.464	1.430	2.30	
Benzidine	1	0		11.16	57.11	50			0.290	0.376	14.22	
Terphenyl-d14	1	0	S	11.45	25.35	25			1.130	1.145	1.40	
4,4'-DDE	1	0		11.39	50.09				0.349			
Endrin	1	0		11.72	49.51	50			0.059	0.059	0.98	
4,4'-DDD	1	0		11.79	50.80				0.554			
Butylbenzylphthalate	1	0		12.05	49.28	50	20		0.547	0.539	1.44	
Endrin aldehyde	1	0		11.72	44.00				0.032			
4,4'-DDT	1	0		12.15	54.52				0.537			
Endrin ketone	1	0		12.63	51.79				0.068			
3,3'-Dichlorobenzidine	1	0		12.67	55.05	50	20		0.345	0.414	10.10	
Benzo[a]anthracene	1	0		12.69	50.03	50	20		1.346	1.347	0.06	
Chrysene	1	0		12.74	50.17	50	20		1.234	1.238	0.34	
bis(2-Ethylhexyl)phthalate	1	0		12.75	49.98	50	20		0.671	0.671	0.04	
Perylene-d12	1	0	I	14.32	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0		13.50	46.32	50	20		1.184	1.097	7.36	
Benzo[b]fluoranthene	1	0		13.91	49.78	50	20		1.270	1.265	0.44	
Benzo[k]fluoranthene	1	0		13.93	52.83	50	20		1.235	1.305	5.66	
Benzo[a]pyrene	1	0		14.25	51.84	50	20		1.183	1.227	3.68	
Indeno[1,2,3-cd]pyrene	1	0		15.61	52.88	50	20		1.296	1.371	5.76	
Dibenzo[a,h]anthracene	1	0		15.63	52.38	50	20		1.071	1.122	4.76	
Benzo[g,h,i]perylene	1	0		15.98	51.71	50	20		1.070	1.106	3.42	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.715	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			0.898	0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49110.D Sam Mult : 1 Vial# : 2 Qt On : 02/26/09 09:34
Acq On : 02/26/09 09:16 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-26-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.749	152	26718	40.00	ng	-0.04
23) Naphthalene-d8	6.764	136	97956	40.00	ng	-0.04
41) Acenaphthene-d10	8.191	164	59159	40.00	ng	-0.05
67) Phenanthrene-d10	9.649	188	109134	40.00	ng	-0.05
81) Chrysene-d12	12.705	240	114156	40.00	ng	-0.05
96) Perylene-d12	14.318	264	117211	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	4.531	112	41137	47.13	ng	-0.04
Spiked Amount 100.000			Recovery = 47.13%			
9) Phenol-d5	5.434	99	54067	48.29	ng	-0.04
Spiked Amount 100.000			Recovery = 48.29%			
24) Nitrobenzene-d5	6.203	128	10521	24.93	ng	-0.04
Spiked Amount 50.000			Recovery = 49.86%			
46) 2-Fluorobiphenyl	7.603	172	51763	25.34	ng	-0.04
Spiked Amount 50.000			Recovery = 50.68%			
70) 2,4,6-Tribromophenol	8.928	330	18217	55.57	ng	-0.05
Spiked Amount 100.000			Recovery = 55.57%			
84) Terphenyl-d14	11.455	244	81725	25.35	ng	-0.05
Spiked Amount 50.000			Recovery = 50.70%			
Target Compounds						Qvalue
2) Pyridine	2.934	79	38108	44.93	ng	68
3) N-Nitrosodimethylamine	2.864	74	21088	43.67	ng	75
5) Benzaldehyde	5.365	77	24149	45.83	ng	75
6) Aniline	5.461	93	61645	51.96	ng	52
7) Pentachloroethane	5.504	117	13702	49.39	ng	61
8) bis(2-Chloroethyl)ether	5.525	93	37813	47.41	ng	72
10) Phenol	5.445	94	55885	47.79	ng	94
11) 2-Chlorophenol	5.568	128	44912	50.17	ng	72
12) N-Decane	5.610	57	31969	44.66	ng	75
13) 1,3-Dichlorobenzene	5.696	146	51339	51.19	ng	96
14) 1,4-Dichlorobenzene	5.760	146	51996	51.81	ng	99
15) 1,2-Dichlorobenzene	5.888	146	48054	51.91	ng	96
16) Benzyl alcohol	5.867	108	28253	50.65	ng	77
17) bis(2-chloroisopropyl)...	5.979	45	32623	41.74	ng	69
18) 2-Methylphenol	5.958	108	37626	49.21	ng	98
19) Acetophenone	6.080	105	64956	51.21	ng	71
20) Hexachloroethane	6.166	117	17587	49.26	ng	54
21) N-Nitroso-di-n-propyla...	6.080	70	27366	48.66	ng	69
22) 3&4-Methylphenol	6.086	108	39093	50.57	ng	97
25) Nitrobenzene	6.219	77	41169	49.12	ng	76
26) Isophorone	6.406	82	75529	47.66	ng	83
27) 2-Nitrophenol	6.470	139	24239	53.96	ng	86
28) 2,4-Dimethylphenol	6.497	107	43430	50.30	ng	99
29) Benzoic Acid	6.572	105	19613m	41.32	ng	
30) bis(2-Chloroethoxy)met...	6.572	93	41811	45.57	ng	96
31) 2,4-Dichlorophenol	6.652	162	38153	51.80	ng	88
32) 1,2,4-Trichlorobenzene	6.722	180	46462	51.35	ng	96
33) Naphthalene	6.780	128	126086	50.43	ng	98
34) 4-Chloroaniline	6.818	127	48596	57.24	ng	98
35) Hexachlorobutadiene	6.871	225	29332	52.76	ng	97
36) Caprolactam	7.101	113	14339	53.55	ng	57
37) 4-Chloro-3-methylphenol	7.186	107	38987	52.44	ng	82
38) 2-Methylnaphthalene	7.315	142	88721	50.69	ng	98
39) Methylnaphthalenes (To...	7.315	142	88721	50.69	ng	98
40) 1,1'-Biphenyl	7.688	154	112846	51.30	ng	90
42) 1,2,4,5-Tetrachloroben...	7.448	216	53772	53.12	ng	98
43) Hexachlorocyclopentadiene	7.437	237	28651	55.27	ng	99
44) 2,4,6-Trichlorophenol	7.539	196	29695	54.11	ng	95
45) 2,4,5-Trichlorophenol	7.571	196	31444	53.60	ng	95
47) 2-Chloronaphthalene	7.710	162	86029	51.57	ng	94
48) 1,4-Dimethylnaphthalene	7.988	156	68188	51.34	ng	90
49) Dimethylnaphthalenes (...	7.988	156	68188	51.34	ng	90
50) Diphenyl Ether	7.774	170	66307	50.96	ng	77
51) 2-Nitroaniline	7.790	65	26959	52.38	ng	47
52) Acenaphthylene	8.068	152	131998	51.63	ng	99
53) Dimethylphthalate	7.940	163	103791	52.54	ng	98
54) 2,6-Dinitrotoluene	7.993	165	23874	55.73	ng	62
55) Acenaphthene	8.217	153	85805	51.07	ng	96
56) 3-Nitroaniline	8.143	138	22945	57.45	ng	74
57) 2,4-Dinitrophenol	8.233	184	11210	52.87	ng	80
58) Dibenzofuran	8.372	168	125003	52.04	ng	89
59) 2,4-Dinitrotoluene	8.351	165	32867	55.80	ng	58

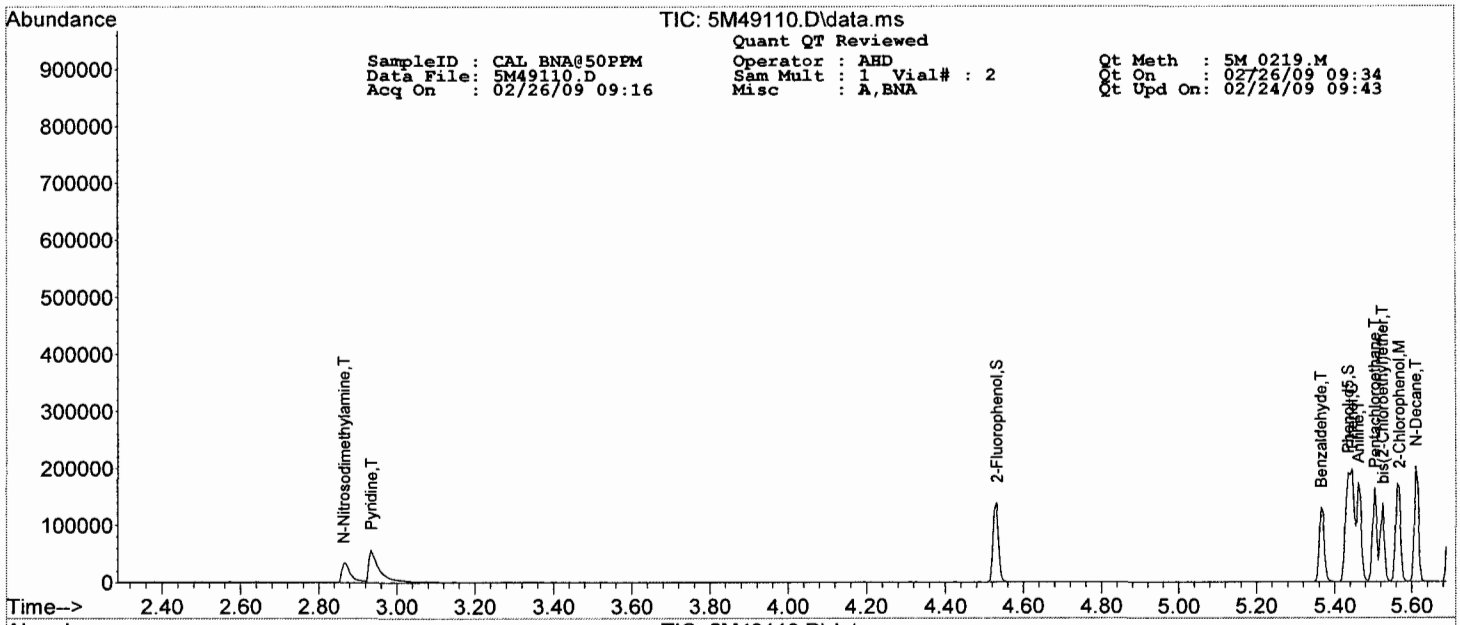
Quantitation Report (QT Reviewed)

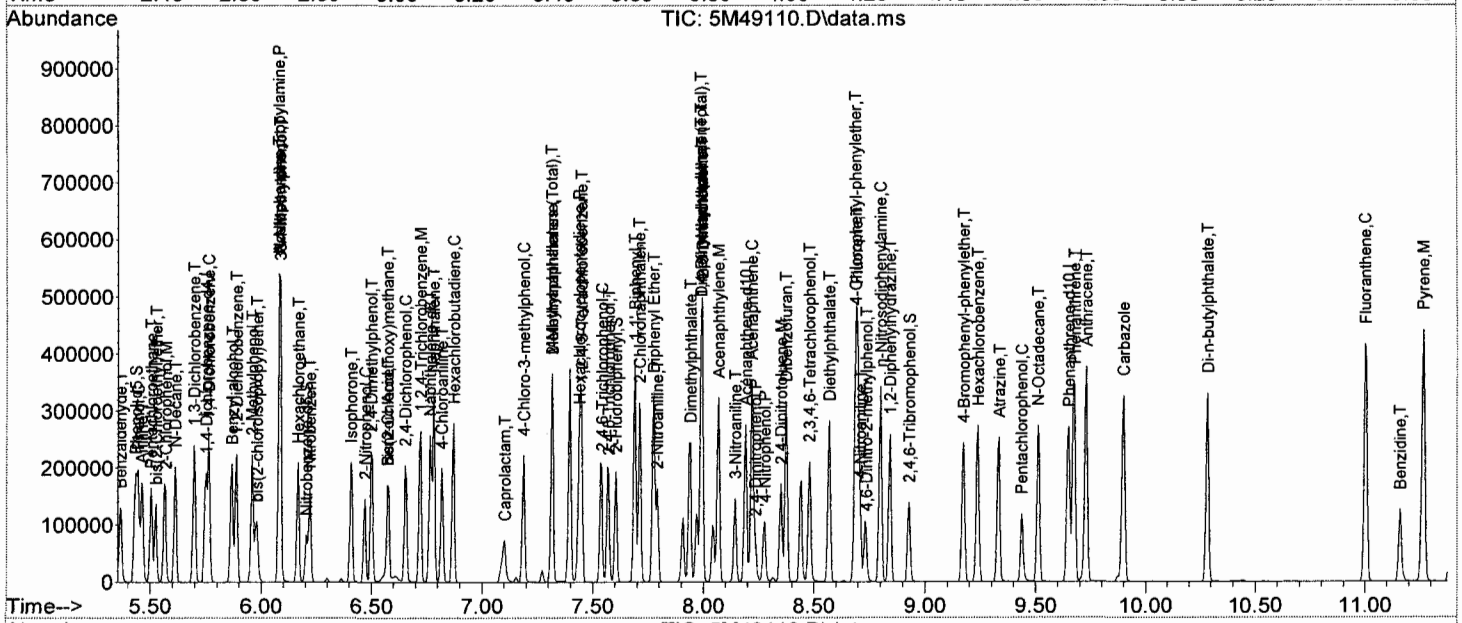
SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49110.D Sam Mult : 1 Vial# : 2 Qt On : 02/26/09 09:34
Acq On : 02/26/09 09:16 Misc : A,BNA Qt Upd On: 02/24/09 09:43

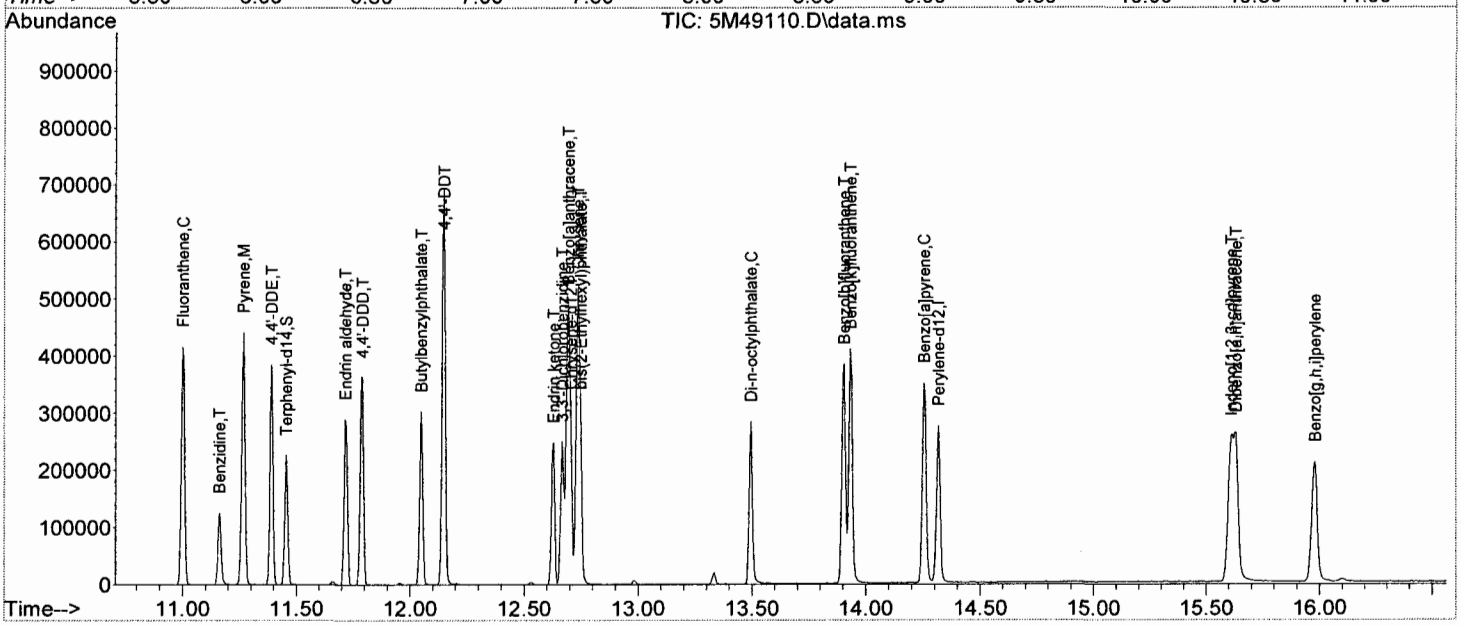
Data Path : G:\GcMsData\2009\GCMS_5\Data\02-26-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	8.276	65	14623	51.95	ng	55
61) 2,3,4,6-Tetrachlorophenol	8.479	232	28424	54.95	ng	82
62) Fluorene	8.693	166	103894	52.63	ng	98
63) 4-Chlorophenyl-phenyle...	8.687	204	57108	53.46	ng	82
64) Diethylphthalate	8.570	149	100396	52.74	ng	95
65) 4-Nitroaniline	8.709	138	25682	54.70	ng	86
66) Atrazine	9.334	200	36049	53.19	ng	94
68) 4,6-Dinitro-2-methylph...	8.736	198	18580	53.39	ng	100
69) n-Nitrosodiphenylamine	8.800	169	86732	50.23	ng	99
71) 1,2-Diphenylhydrazine	8.842	77	82904	47.49	ng	69
72) 4-Bromophenyl-phenylether	9.174	248	36145	50.63	ng	81
73) Hexachlorobenzene	9.238	284	40067	53.93	ng	58
74) N-Octadecane	9.510	57	41178	44.12	ng	69
75) Pentachlorophenol	9.435	266	15699	40.72	ng	98
76) Phenanthrene	9.676	178	158051	50.84	ng	98
77) Anthracene	9.729	178	159691	51.74	ng	100
78) Carbazole	9.900	167	147294	51.43	ng	98
79) Di-n-butylphthalate	10.285	149	174752	52.06	ng	97
80) Fluoranthene	11.001	202	195663	52.34	ng	80
82) Pyrene	11.268	202	204113	48.85	ng	75
83) Benzidine	11.161	184	53593	57.11	ng	79
85) 4,4'-DDE	11.391	246	49952	50.09	ng	94
86) Endrin	11.717	81	8398	49.51	ng	1
87) 4,4'-DDD	11.791	235	80268	50.80	ng	97
88) Butylbenzylphthalate	12.048	149	76958	49.28	ng	67
89) Endrin aldehyde	11.717	67	3980	44.00	ng	82
90) 4,4'-DDT	12.149	235	83624	54.52	ng	96
91) Endrin ketone	12.630	317	10069	51.79	ng	98
92) 3,3'-Dichlorobenzidine	12.667	252	59085	55.05	ng	95
93) Benzo[a]anthracene	12.694	228	192209	50.03	ng	99
94) Chrysene	12.737	228	176655	50.17	ng	98
95) bis(2-Ethylhexyl)phtha...	12.748	149	95767	49.98	ng	89
97) Di-n-octylphthalate	13.496	149	160739	46.32	ng	99
98) Benzo[b]fluoranthene	13.907	252	185276	49.78	ng	88
99) Benzo[k]fluoranthene	13.934	252	191150	52.83	ng	88
100) Benzo[a]pyrene	14.254	252	179772	51.84	ng	87
101) Indeno[1,2,3-cd]pyrene	15.611	276	200826	52.88	ng	64
102) Dibenzo[a,h]anthracene	15.632	278	164439	52.38	ng	80
103) Benzo[g,h,i]perylene	15.980	276	162062	51.71	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M49110.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 5M49110.D
Acq On : 02/26/09 09:16
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/26/09 09:34
Qt Upd On: 02/24/09 09:43
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 5M49110.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2,4-Dichlorophenol,C
4-Chloroaniline,T
Hexachlorobutadiene,C
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,T
2,4-Dinitrotoluene,M
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->


Abundance
TIC: 5M49110.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

GC/MS Semi-Volatile Data
Raw QC Data

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 5
Data File: 5M48935.D
Analysis Date: 02/19/09 09:21
Method: EPA 625

Tune Scan/Time Range: Scan 1432

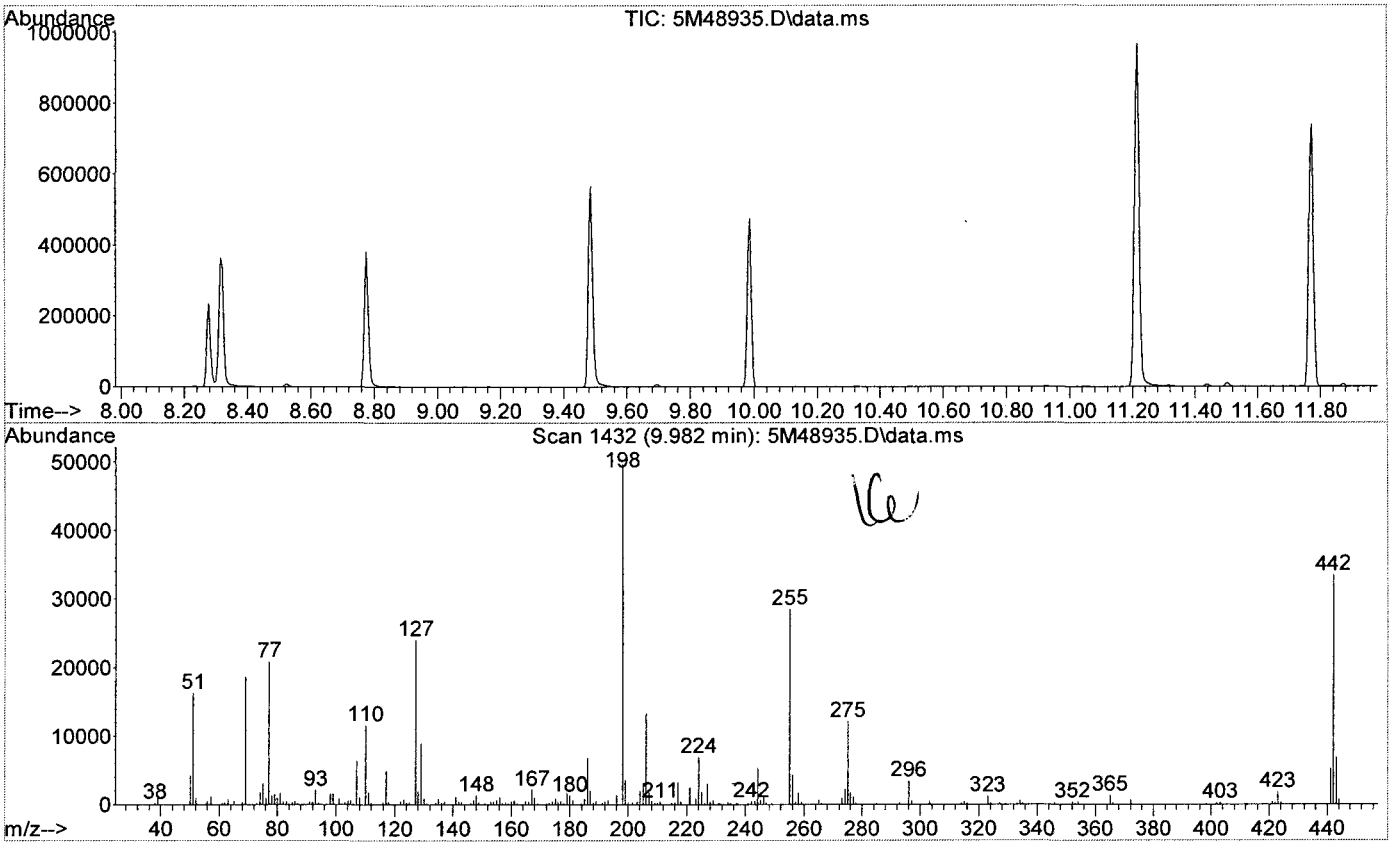
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	32.7	16255	PASS
68	69	0.00	2	1.5	275	PASS
69	198	0.00	100	37.6	18648	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.3	24000	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	49656	PASS
199	198	5	9	7.2	3569	PASS
275	198	10	30	24.4	12139	PASS
365	198	1	100	2.7	1331	PASS
441	443	0.01	100	76.1	5216	PASS
442	198	40	100	67.4	33480	PASS
443	442	17	23	20.5	6851	PASS

Data File	Sample Number	Analysis Date:
5M48936.D	CAL BNA@50PPM	02/19/09 09:54
5M48937.D	CAL BNA@196PP	02/19/09 10:17
5M48938.D	CAL BNA@160PP	02/19/09 10:52
5M48939.D	CAL BNA@120PP	02/19/09 11:15
5M48940.D	CAL BNA@80PPM	02/19/09 11:37
5M48941.D	CAL BNA@50PPM	02/19/09 11:59
5M48942.D	CAL BNA@20PPM	02/19/09 12:22
5M48943.D	CAL BNA@10PPM	02/19/09 12:45
5M48944.D	CAL BNA@2PPM	02/19/09 13:07
5M48945.D	CAL BNA@10PPM	02/19/09 13:57
5M48946.D	ICV BNA@50PPM	02/19/09 14:20
5M48947.D	WMB4050	02/19/09 14:43
5M48948.D	WMB4050(MS)	02/19/09 15:05
5M48949.D	SMB4045(MS)	02/19/09 15:28
5M48950.D	SMB4045	02/19/09 15:50
5M48951.D	AC42730-008	02/19/09 16:13
5M48952.D	AC42730-008(MS)	02/19/09 16:35
5M48953.D	AC42730-008(MSD	02/19/09 16:58
5M48954.D	AC42730-009	02/19/09 17:20
5M48955.D	AC42730-010	02/19/09 17:43
5M48956.D	AC42730-012	02/19/09 18:05
5M48957.D	AC42730-003	02/19/09 18:27
5M48958.D	AC42730-004	02/19/09 18:50
5M48959.D	AC42730-005	02/19/09 19:12
5M48960.D	AC42730-006	02/19/09 19:34
5M48961.D	AC42680-001(T)	02/19/09 19:57
5M48962.D	AC42724-001(T)	02/19/09 20:19
5M48963.D	AC42750-009(R)	02/19/09 20:41
5M48964.D	AC42756-002	02/19/09 21:03
5M48965.D	AC42756-003	02/19/09 21:25
5M48966.D	AC42756-004	02/19/09 21:48
5M48967.D	AC42756-005	02/19/09 22:10
5M48968.D	AC42756-006	02/19/09 22:32
5M48969.D	AC42733-001	02/19/09 22:54
5M48970.D	AC42733-002	02/19/09 23:16
5M48971.D	AC42734-001	02/19/09 23:38
5M48972.D	AC42734-002	02/20/09 00:00
5M48973.D	AC42760-001	02/20/09 00:23
5M48974.D	AC42760-002	02/20/09 00:45
5M48975.D	AC42762-001	02/20/09 01:07
5M48976.D	AC42762-002	02/20/09 01:29

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-19-09\
Data File : 5M48935.D
Acq On : 19 Feb 2009 9:21
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0218.M
Title : @GCMS_5,mg,625,8270
Last Update : Wed Feb 18 13:17:31 2009



Spectrum Information: Scan 1432

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	32.7	16255	PASS
68	69	0.00	2	1.5	275	PASS
69	198	0.00	100	37.6	18648	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.3	24000	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	49656	PASS
199	198	5	9	7.2	3569	PASS
275	198	10	30	24.4	12139	PASS
365	198	1	100	2.7	1331	PASS
441	443	0.01	100	76.1	5216	PASS
442	198	40	100	67.4	33480	PASS
443	442	17	23	20.5	6851	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 5
Data File: 5M49109.D
Analysis Date: 02/26/09 08:52
Method: EPA 625

Tune Scan/Time Range: Scan 1432

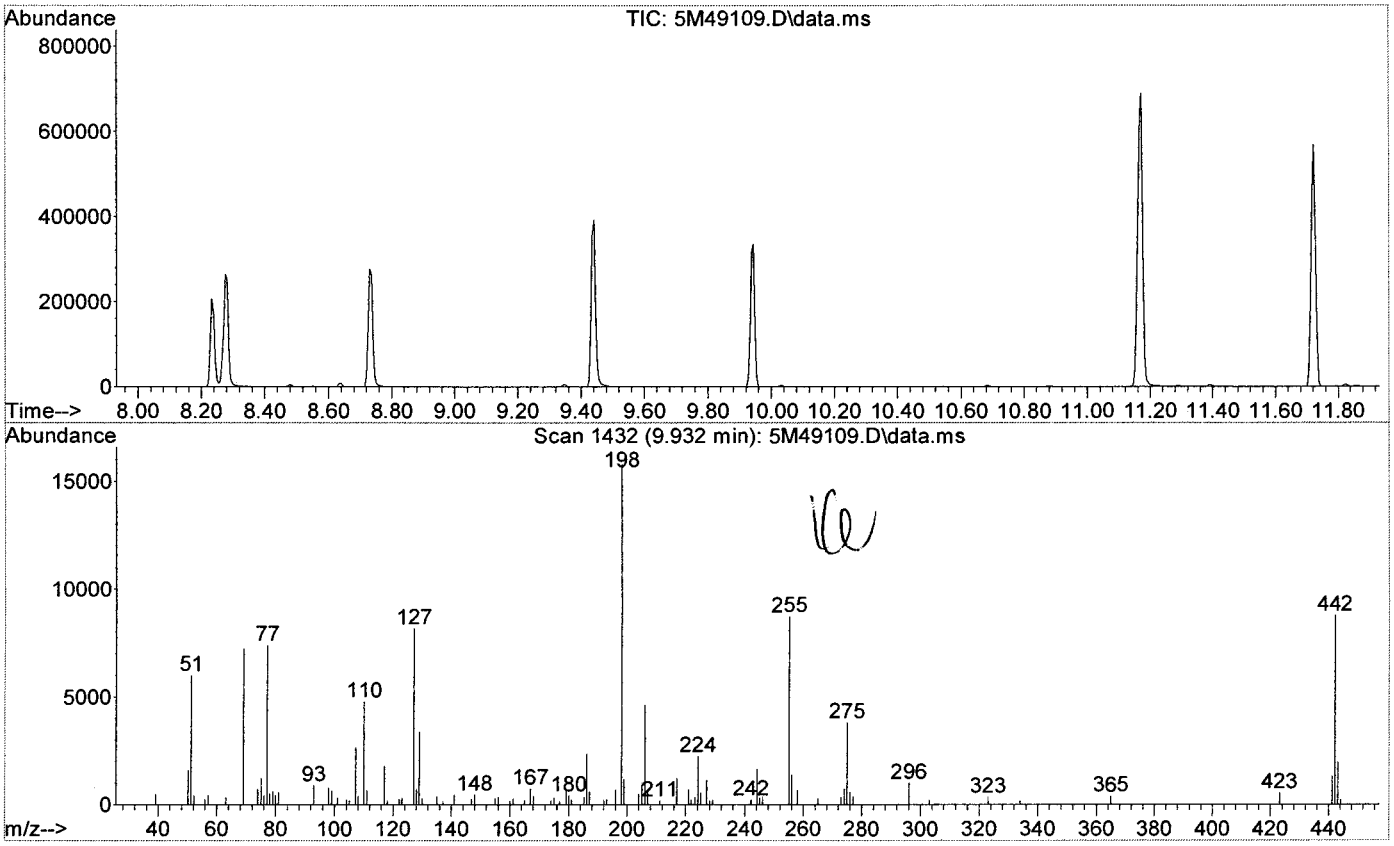
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	38.0	6000	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	45.7	7218	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	51.7	8167	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	15787	PASS
199	198	5	9	7.4	1170	PASS
275	198	10	30	24.2	3817	PASS
365	198	1	100	2.4	376	PASS
441	443	0.01	100	66.5	1304	PASS
442	198	40	100	55.5	8763	PASS
443	442	17	23	22.4	1961	PASS

Data File	Sample Number	Analysis Date:
5M49110.D	CAL BNA@50PPM	02/26/09 09:16
5M49111.D	WMB4056	02/26/09 09:42
5M49112.D	WMB4056(MS)	02/26/09 10:04
5M49113.D	AC42869-001	02/26/09 10:26
5M49114.D	AC42869-002(10X)	02/26/09 10:48
5M49115.D	AC42869-003(10X)	02/26/09 11:10
5M49116.D	AC42869-004(20X)	02/26/09 11:32
5M49117.D	AC42857-006(2X)(	02/26/09 11:54
5M49118.D	AC42869-003(30X)	02/26/09 12:16
5M49119.D	AC42857-004(R)	02/26/09 12:38
5M49120.D	AC42849-004(R)	02/26/09 13:01
5M49121.D	AC42849-005(R)	02/26/09 13:23
5M49122.D	AC42869-004(60X)	02/26/09 13:45
5M49123.D	WMB4057(MS)	02/26/09 14:07
5M49124.D	WMB4057	02/26/09 14:29
5M49125.D	AC42874-001(T)	02/26/09 14:52
5M49126.D	AC42874-001(T)(M	02/26/09 15:14
5M49127.D	AC42874-001(T)(M	02/26/09 15:36
5M49128.D	AC42894-001	02/26/09 15:59
5M49129.D	AC42894-002	02/26/09 16:21
5M49130.D	AC42873-001	02/26/09 16:43
5M49131.D	AC42873-002	02/26/09 17:06
5M49132.D	SMB4054	02/26/09 17:28
5M49133.D	AC42896-001	02/26/09 17:50
5M49134.D	AC42918-010	02/26/09 18:13
5M49135.D	AC42918-011	02/26/09 18:35
5M49136.D	AC42918-012	02/26/09 18:57
5M49137.D	AC42896-002	02/26/09 19:20
5M49138.D	AC42897-002	02/26/09 19:42
5M49139.D	AC42901-001	02/26/09 20:04
5M49140.D	AC42901-002	02/26/09 20:26
5M49141.D	AC42902-001	02/26/09 20:48
5M49142.D	AC42902-002	02/26/09 21:11
5M49143.D	AC42908-001	02/26/09 21:33
5M49144.D	AC42924-008	02/26/09 21:55

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-26-09\
Data File : 5M49109.D
Acq On : 26 Feb 2009 8:52
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0219.M
Title : @GCMS_5,mg,625,8270
Last Update : Tue Feb 24 09:43:06 2009



Spectrum Information: Scan 1432

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	38.0	6000	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	45.7	7218	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	51.7	8167	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	15787	PASS
199	198	5	9	7.4	1170	PASS
275	198	10	30	24.2	3817	PASS
365	198	1	100	2.4	376	PASS
441	443	0.01	100	66.5	1304	PASS
442	198	40	100	55.5	8763	PASS
443	442	17	23	22.4	1961	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 10M03253.D
Instrument: GCMS 10 **Analysis Date:** 03/03/09 06:57
Method: EPA 625

Tune Scan/Time Range: Average of 9.595 to 9.606 min

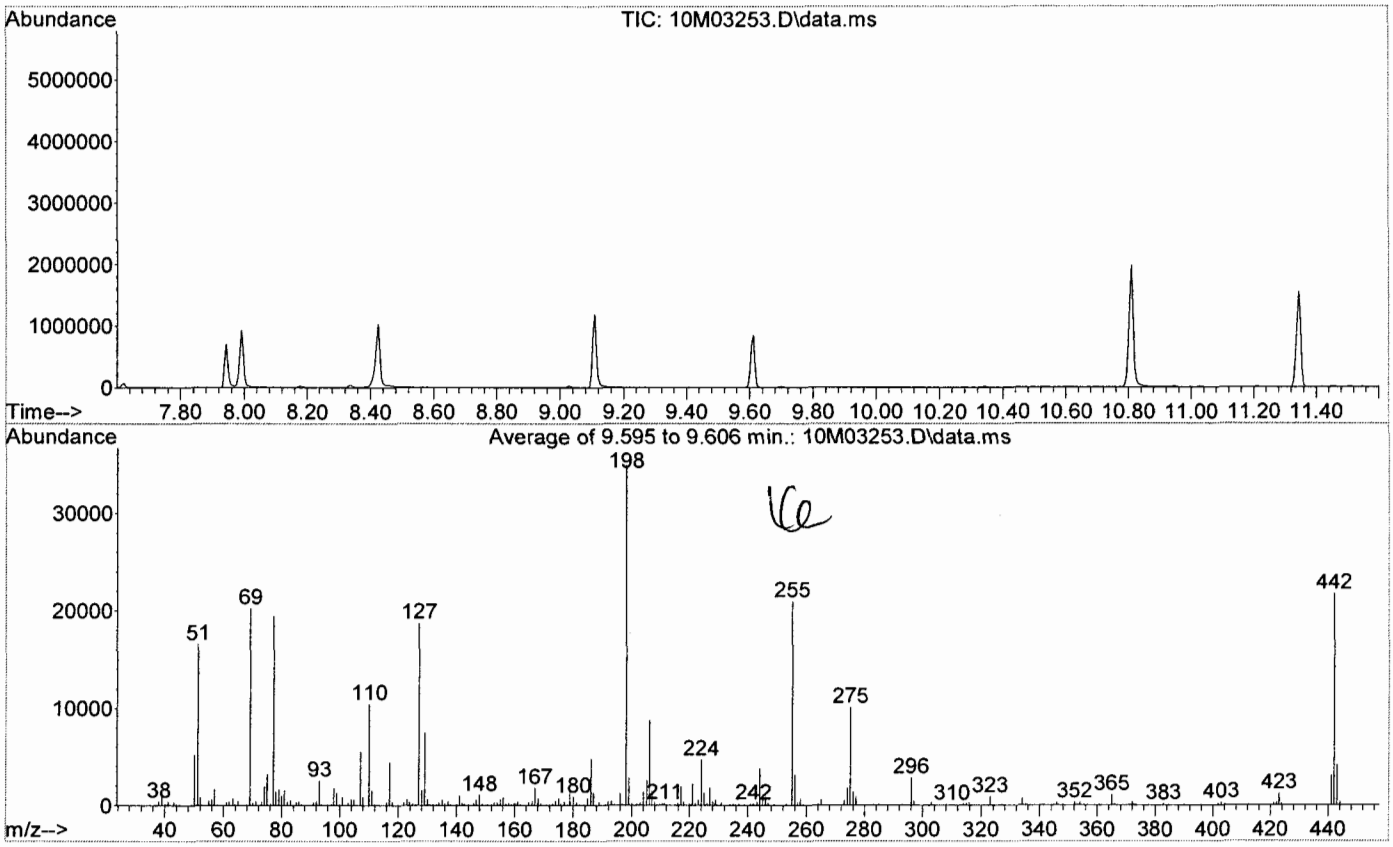
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	47.4	16557	PASS
68	69	0.00	2	0.3	67	PASS
69	198	0.00	100	57.9	20212	PASS
70	69	0.00	2	1.3	257	PASS
127	198	40	60	53.6	18722	PASS
197	198	0.00	1	0.2	74	PASS
198	198	100	100	100.0	34939	PASS
199	198	5	9	8.0	2792	PASS
275	198	10	30	28.8	10050	PASS
365	198	1	100	2.9	1029	PASS
441	443	0.01	100	74.1	3032	PASS
442	198	40	100	62.1	21714	PASS
443	442	17	23	18.9	4094	PASS

Data File	Sample Number	Analysis Date:
10M03254.D	CAL BNA@196PP	03/03/09 07:54
10M03255.D	CAL BNA@160PP	03/03/09 08:16
10M03256.D	CAL BNA@120PP	03/03/09 08:38
10M03257.D	CAL BNA@80PPM	03/03/09 09:00
10M03258.D	CAL BNA@50PPM	03/03/09 09:22
10M03259.D	CAL BNA@20PPM	03/03/09 09:49
10M03260.D	CAL BNA@10PPM	03/03/09 10:10
10M03261.D	CAL BNA@2PPM	03/03/09 10:32
10M03262.D	ICV BNA@50PPM	03/03/09 10:54
10M03263.D	WMB4058	03/03/09 11:16
10M03264.D	WMB4059	03/03/09 11:38
10M03265.D	AC42940-001	03/03/09 12:00
10M03266.D	AC42940-003	03/03/09 12:22
10M03267.D	AC42940-005	03/03/09 12:45
10M03268.D	AC42940-007	03/03/09 13:07
10M03269.D	AC42940-009	03/03/09 13:29
10M03270.D	AC42940-011	03/03/09 13:51
10M03271.D	AC42940-013	03/03/09 14:13
10M03272.D	AC42940-029	03/03/09 14:35

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03253.D
Acq On : 3 Mar 2009 6:57
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270
Last Update : Tue Mar 03 11:10:52 2009



Spectrum Information: Average of 9.595 to 9.606 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	47.4	16557	PASS
68	69	0.00	2	0.3	67	PASS
69	198	0.00	100	57.9	20212	PASS
70	69	0.00	2	1.3	257	PASS
127	198	40	60	53.6	18722	PASS
197	198	0.00	1	0.2	74	PASS
198	198	100	100	100.0	34939	PASS
199	198	5	9	8.0	2792	PASS
275	198	10	30	28.8	10050	PASS
365	198	1	100	2.9	1029	PASS
441	443	0.01	100	74.1	3032	PASS
442	198	40	100	62.1	21714	PASS
443	442	17	23	18.9	4094	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 5
Data File: 5M49154.D
Analysis Date: 03/03/09 06:59
Method: EPA 625

Tune Scan/Time Range: Scan 1426

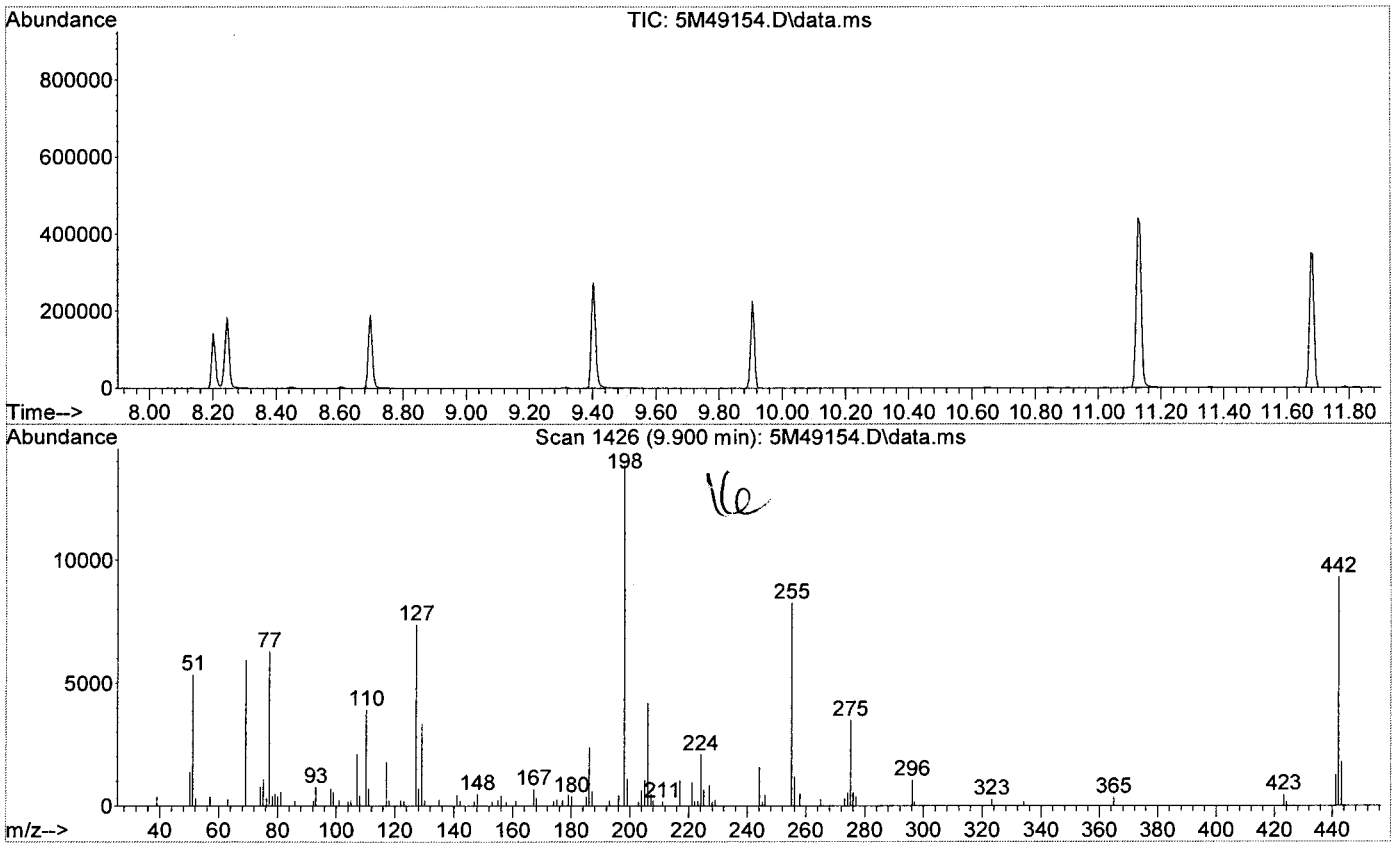
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	38.5	5333	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	42.9	5943	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	53.3	7377	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	13841	PASS
199	198	5	9	7.9	1088	PASS
275	198	10	30	25.2	3487	PASS
365	198	1	100	2.4	333	PASS
441	443	0.01	100	70.5	1256	PASS
442	198	40	100	67.2	9295	PASS
443	442	17	23	19.2	1781	PASS

Data File	Sample Number	Analysis Date:
5M49155.D	CAL BNA@196PP	03/03/09 07:57
5M49156.D	CAL BNA@160PP	03/03/09 08:19
5M49157.D	CAL BNA@120PP	03/03/09 08:48
5M49158.D	CAL BNA@80PPM	03/03/09 09:32
5M49159.D	CAL BNA@50PPM	03/03/09 09:54
5M49160.D	CAL BNA@20PPM	03/03/09 10:16
5M49161.D	CAL BNA@10PPM	03/03/09 10:38
5M49162.D	CAL BNA@2PPM	03/03/09 11:00
5M49163.D	ICV BNA@50PPM	03/03/09 11:23
5M49164.D	WMB4058	03/03/09 11:46
5M49165.D	WMB4059	03/03/09 12:09
5M49166.D	WMB4058(MS)	03/03/09 12:31
5M49167.D	WMB4059(MS)	03/03/09 12:53
5M49168.D	AC42945-001(T)	03/03/09 13:15
5M49169.D	AC42945-001(T)(M	03/03/09 13:37
5M49170.D	AC42945-001(T)(M	03/03/09 13:59
5M49171.D	AC42945-002(T)	03/03/09 14:22
5M49172.D	AC42901-001(R)	03/03/09 14:44
5M49173.D	AC42925-017	03/03/09 15:06

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Data File : 5M49154.D
Acq On : 3 Mar 2009 6:59
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_5\METHODQT\5M_0303.M
Title : @GCMS_5,mg,625,8270
Last Update : Tue Mar 03 14:21:43 2009



Spectrum Information: Scan 1426

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	38.5	5333	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	42.9	5943	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	53.3	7377	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	13841	PASS
199	198	5	9	7.9	1088	PASS
275	198	10	30	25.2	3487	PASS
365	198	1	100	2.4	333	PASS
441	443	0.01	100	70.5	1256	PASS
442	198	40	100	67.2	9295	PASS
443	442	17	23	19.2	1781	PASS

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB4058
Client Id:
Data File: 10M03263.D
Analysis Date: 03/03/09 11:16
Date Rec/Extracted: NA-02/27/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
122-66-7	1,2-Diphenylhydrazine	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	65-85-0	Benzoic Acid	10	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
120-83-2	2,4-Dichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	85-68-7	Butylbenzylphthalate	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	2.0	U
95-48-7	2-Methylphenol	2.0	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	2.0	U
106-44-5	3&4-Methylphenol	2.0	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	10	U
106-47-8	4-Chloroaniline	2.0	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	2.0	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	62-75-9	N-Nitrosodimethylamine	2.0	U
62-53-3	Aniline	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	2.0	U
120-12-7	Anthracene	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
92-87-5	Benzidine	10	U	87-86-5	Pentachlorophenol	10	U
56-55-3	Benzo[a]anthracene	2.0	U	85-01-8	Phenanthrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U	108-95-2	Phenol	2.0	U
205-99-2	Benzo[b]fluoranthene	2.0	U	129-00-0	Pyrene	2.0	U

Worksheet #: 110511

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: WMB4058
Client Id:
Data File: 10M03263.D
Analysis Date: 03/03/09 11:16
Date Rec/Extracted: NA-02/27/09

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 110511

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

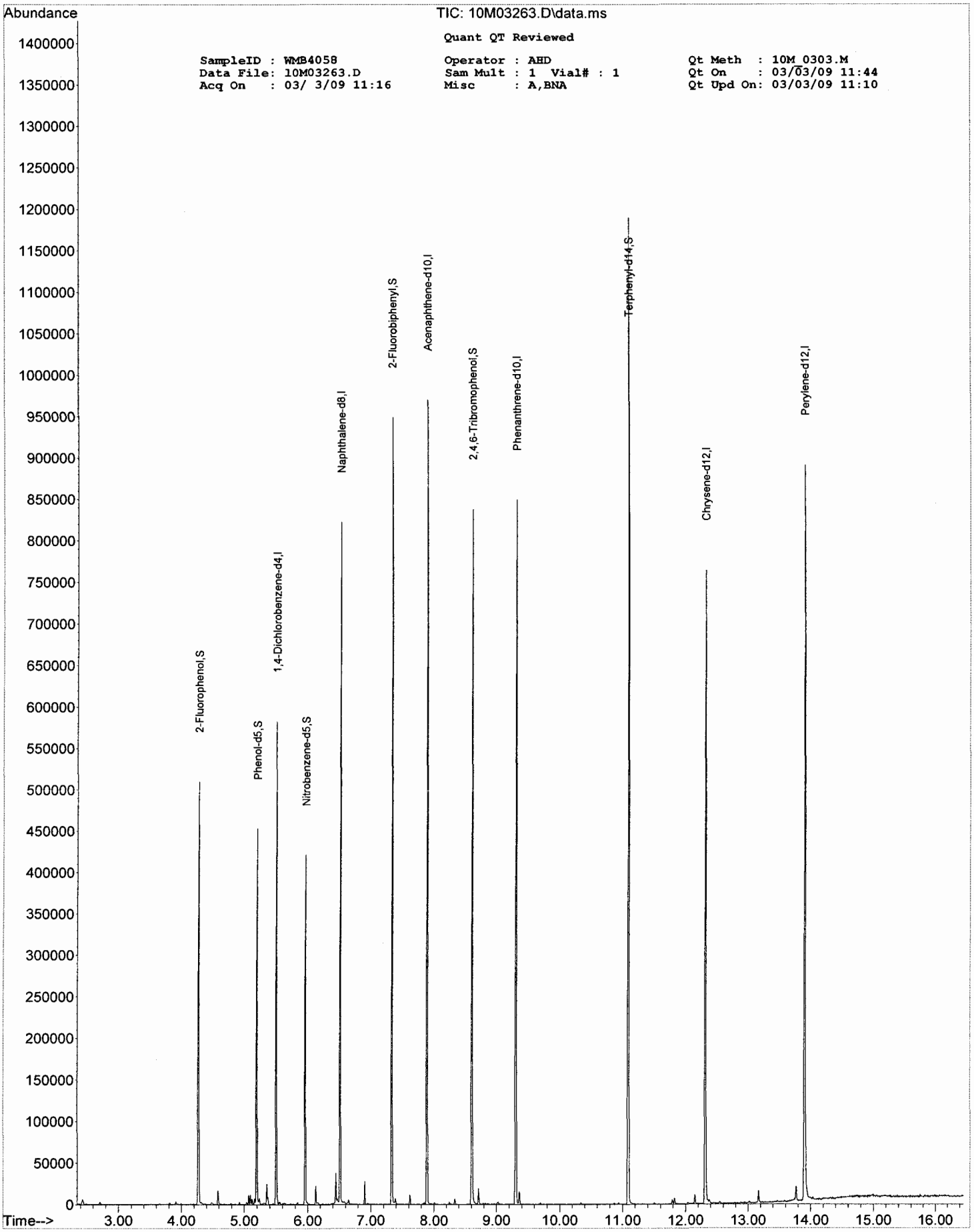
Quantitation Report (QT Reviewed)

SampleID : WMB4058 Operator : AHD Qt Meth : 10M_0303.M
Data File: 10M03263.D Sam Mult : 1 Vial# : 1 Qt On : 03/03/09 11:44
Acq On : 03/ 3/09 11:16 Misc : A,BNA Qt Upd On: 03/03/09 11:10

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.498	152	72603	40.00	ng	0.00
23) Naphthalene-d8	6.514	136	279999	40.00	ng	0.00
41) Acenaphthene-d10	7.889	164	170402	40.00	ng	0.00
67) Phenanthrene-d10	9.306	188	302466	40.00	ng	0.00
81) Chrysene-d12	12.312	240	324720	40.00	ng	0.00
96) Perylene-d12	13.901	264	369184	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.268	112	124999	59.54	ng	0.00
Spiked Amount 100.000			Recovery = 59.54%			
9) Phenol-d5	5.193	99	128577	44.24	ng	0.00
Spiked Amount 100.000			Recovery = 44.24%			
24) Nitrobenzene-d5	5.958	128	50638	43.19	ng	0.00
Spiked Amount 50.000			Recovery = 86.38%			
46) 2-Fluorobiphenyl	7.327	172	249971	40.58	ng	0.00
Spiked Amount 50.000			Recovery = 81.16%			
70) 2,4,6-Tribromophenol	8.605	330	106269	87.88	ng	0.00
Spiked Amount 100.000			Recovery = 87.88%			
84) Terphenyl-d14	11.087	244	432915	47.66	ng	0.00
Spiked Amount 50.000			Recovery = 95.32%			
Target Compounds						Qvalue
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M03263.D\data.ms
Quant QT Reviewed
SampleID : WMB4058
Data File: 10M03263.D
Acq On : 03/ 3/09 11:16
Operator : AHD
Sam Mult : 1 Vial# : 1
Misc : A,BNA
Qt Meth : 10M_0303.M
Qt On : 03/03/09 11:44
Qt Upd On: 03/03/09 11:10
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03263.D
Acq On : 3 Mar 2009 11:16
Operator : AHD
Sample : WMB4058
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

Signal : TIC: 10M03263.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.433	12	18	25	rBV3	5970	10130	0.90%	0.118%
2	2.487	25	28	36	rVB3	1164	1293	0.12%	0.015%
3	2.711	65	70	78	rBV4	2924	4294	0.38%	0.050%
4	3.658	246	247	252	rVB4	1037	971	0.09%	0.011%
5	3.813	272	276	280	rBV2	2189	2893	0.26%	0.034%
6	3.909	288	294	298	rBV	3485	3792	0.34%	0.044%
7	3.936	298	299	306	rVB2	838	1096	0.10%	0.013%
8	3.995	306	310	315	rBV2	1585	1812	0.16%	0.021%
9	4.198	344	348	353	rBV	1264	1605	0.14%	0.019%
10	4.268	353	361	377	rVV	509923	446041	39.71%	5.206%
11	4.380	377	382	385	rVB3	1441	2008	0.18%	0.023%
12	4.428	386	391	392	rBV	698	1026	0.09%	0.012%
13	4.476	396	400	408	rVB5	2224	3973	0.35%	0.046%
14	4.540	408	412	415	rVB	987	1098	0.10%	0.013%
15	4.583	415	420	428	rBV	16802	17496	1.56%	0.204%
16	4.685	434	439	442	rVB	1394	1104	0.10%	0.013%
17	4.787	455	458	463	rBB	1866	1905	0.17%	0.022%
18	4.926	478	484	487	rBV2	3373	2473	0.22%	0.029%
19	5.038	497	505	508	rBB3	2967	3193	0.28%	0.037%
20	5.070	508	511	513	rBV	11573	9239	0.82%	0.108%
21	5.097	513	516	519	rVV	11642	10197	0.91%	0.119%
22	5.123	519	521	524	rVB	6821	5539	0.49%	0.065%
23	5.161	525	528	530	rBV	7364	6044	0.54%	0.071%
24	5.193	530	534	539	rVV	452782	363200	32.34%	4.239%
25	5.236	539	542	548	rVB2	7077	7576	0.67%	0.088%
26	5.311	553	556	560	rBV3	2245	2902	0.26%	0.034%
27	5.353	560	564	571	rVB2	24552	25365	2.26%	0.296%
28	5.455	580	583	586	rBB	1626	1473	0.13%	0.017%
29	5.498	587	591	598	rBV	582346	429563	38.25%	5.013%
30	5.562	598	603	607	rVB2	3223	4173	0.37%	0.049%
31	5.599	607	610	613	rVB	1465	1283	0.11%	0.015%
32	5.626	613	615	616	rBV	1891	1570	0.14%	0.018%
33	5.728	629	634	637	rBV2	1443	1392	0.12%	0.016%
34	5.765	637	641	649	rVB2	1230	1911	0.17%	0.022%
35	5.835	649	654	661	rBB	2926	3440	0.31%	0.040%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03263.D
Acq On : 3 Mar 2009 11:16
Operator : AHD
Sample : WMB4058
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

36	5.958	670	677	687	rBV	421353	333384	29.68%	3.891%
37	6.129	703	709	712	rBV	22441	16897	1.50%	0.197%
38	6.166	712	716	719	rVB3	2260	3472	0.31%	0.041%
39	6.241	724	730	732	rVB3	1368	1808	0.16%	0.021%
40	6.295	736	740	743	rBB	1015	1330	0.12%	0.016%
41	6.327	743	746	751	rBV	1274	1429	0.13%	0.017%
42	6.402	755	760	762	rBV2	1275	1684	0.15%	0.020%
43	6.445	762	768	771	rBV	36790	28331	2.52%	0.331%
44	6.514	777	781	790	rVV	820267	587668	52.32%	6.858%
45	6.578	790	793	799	rVB4	2356	3317	0.30%	0.039%
46	6.648	799	806	811	rVB4	4989	6151	0.55%	0.072%
47	6.905	849	854	858	rBV	28243	18504	1.65%	0.216%
48	6.953	861	863	867	rVB	1610	1300	0.12%	0.015%
49	7.327	928	933	941	rBV	948934	711892	63.38%	8.308%
50	7.386	941	944	951	rVB	7106	7330	0.65%	0.086%
51	7.616	982	987	991	rBV	11652	8998	0.80%	0.105%
52	7.846	1024	1030	1032	rVB	2128	2011	0.18%	0.023%
53	7.889	1032	1038	1047	rBV	969896	740085	65.89%	8.637%
54	8.006	1055	1060	1064	rBV2	2318	2077	0.18%	0.024%
55	8.247	1102	1105	1115	rBB2	3200	3599	0.32%	0.042%
56	8.333	1116	1121	1126	rBB2	6755	5512	0.49%	0.064%
57	8.605	1167	1172	1187	rBV	838041	744958	66.33%	8.694%
58	8.712	1187	1192	1199	rVB	19532	18161	1.62%	0.212%
59	8.787	1202	1206	1209	rBV	1542	1382	0.12%	0.016%
60	8.819	1209	1212	1217	rVB2	1575	1508	0.13%	0.018%
61	8.851	1217	1218	1226	rBV2	1032	1470	0.13%	0.017%
62	9.023	1244	1250	1261	rVB4	3084	5547	0.49%	0.065%
63	9.172	1271	1278	1284	rBB2	949	1627	0.14%	0.019%
64	9.306	1296	1303	1310	rBV	849469	793575	70.66%	9.262%
65	9.360	1310	1313	1321	rVB2	15420	16071	1.43%	0.188%
66	9.697	1372	1376	1379	rVB2	1864	1931	0.17%	0.023%
67	9.943	1419	1422	1432	rBV2	706	1545	0.14%	0.018%
68	10.338	1491	1496	1501	rBV4	2172	2496	0.22%	0.029%
69	10.756	1569	1574	1578	rVB	785	1232	0.11%	0.014%
70	10.873	1592	1596	1600	rVB	1585	1586	0.14%	0.019%
71	10.937	1605	1608	1612	rVB2	1951	1752	0.16%	0.020%
72	10.996	1615	1619	1624	rVB	603	966	0.09%	0.011%
73	11.087	1627	1636	1652	rBV	1189759	1123133	100.00%	13.108%
74	11.242	1660	1665	1667	rBV	849	1001	0.09%	0.012%
75	11.499	1710	1713	1718	rVB3	1670	1948	0.17%	0.023%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03263.D
Acq On : 3 Mar 2009 11:16
Operator : AHD
Sample : WMB4058
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

76	11.788	1763	1767	1771	rBV2	5537	5730	0.51%	0.067%
77	11.820	1771	1773	1777	rVB2	6786	6415	0.57%	0.075%
78	11.980	1801	1803	1810	rVB	842	1172	0.10%	0.014%
79	12.039	1810	1814	1817	rVB2	2217	2793	0.25%	0.033%
80	12.146	1829	1834	1841	rVB	11016	11365	1.01%	0.133%
81	12.312	1855	1865	1875	rBV	763800	773671	68.89%	9.029%
82	12.376	1875	1877	1887	rVB4	4500	6099	0.54%	0.071%
83	12.451	1887	1891	1895	rBV2	858	1181	0.11%	0.014%
84	12.542	1903	1908	1912	rBV2	2516	3515	0.31%	0.041%
85	12.574	1912	1914	1918	rVB2	1006	1139	0.10%	0.013%
86	12.606	1918	1920	1924	rBV2	1185	1305	0.12%	0.015%
87	12.783	1949	1953	1955	rVB	1070	1199	0.11%	0.014%
88	12.932	1977	1981	1982	rVB2	1023	1141	0.10%	0.013%
89	12.949	1982	1984	1989	rBV2	1763	1711	0.15%	0.020%
90	12.986	1989	1991	1994	rBV2	1108	1106	0.10%	0.013%
91	13.018	1994	1997	2001	rVV3	2171	2336	0.21%	0.027%
92	13.088	2005	2010	2013	rBV4	799	1293	0.12%	0.015%
93	13.168	2021	2025	2032	rVB3	14878	15440	1.37%	0.180%
94	13.211	2032	2033	2036	rBV2	1153	1013	0.09%	0.012%
95	13.312	2048	2052	2056	rBV3	783	1104	0.10%	0.013%
96	13.467	2076	2081	2085	rBV4	1974	1494	0.13%	0.017%
97	13.580	2100	2102	2108	rVB5	1713	1488	0.13%	0.017%
98	13.665	2116	2118	2121	rBV2	1522	1176	0.10%	0.014%
99	13.697	2123	2124	2128	rBV4	1290	1510	0.13%	0.018%
100	13.767	2129	2137	2143	rVB	17499	22844	2.03%	0.267%
101	13.847	2150	2152	2154	rVB3	1741	1411	0.13%	0.016%
102	13.901	2154	2162	2177	rBV	887607	1019641	90.79%	11.900%
103	14.034	2185	2187	2193	rVB5	3297	2283	0.20%	0.027%
104	14.131	2204	2205	2212	rBV6	2338	3677	0.33%	0.043%
105	14.184	2212	2215	2217	rBV3	1994	1920	0.17%	0.022%
106	14.318	2238	2240	2244	rVB4	2148	2272	0.20%	0.027%
107	14.350	2244	2246	2248	rBV3	2741	1664	0.15%	0.019%
108	14.371	2248	2250	2253	rVB4	1788	1649	0.15%	0.019%
109	14.403	2253	2256	2259	rBV5	1859	2649	0.24%	0.031%
110	14.430	2259	2261	2265	rBV4	1433	1392	0.12%	0.016%
111	14.462	2265	2267	2270	rBV4	1266	1465	0.13%	0.017%
112	14.494	2272	2273	2276	rBV3	2041	1661	0.15%	0.019%
113	14.628	2296	2298	2300	rBV3	1920	1039	0.09%	0.012%
114	14.687	2308	2309	2311	rBV2	1964	1023	0.09%	0.012%

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03263.D
Acq On : 3 Mar 2009 11:16
Operator : AHD
Sample : WMB4058
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Title : @GCMS_10,mg,625,8270

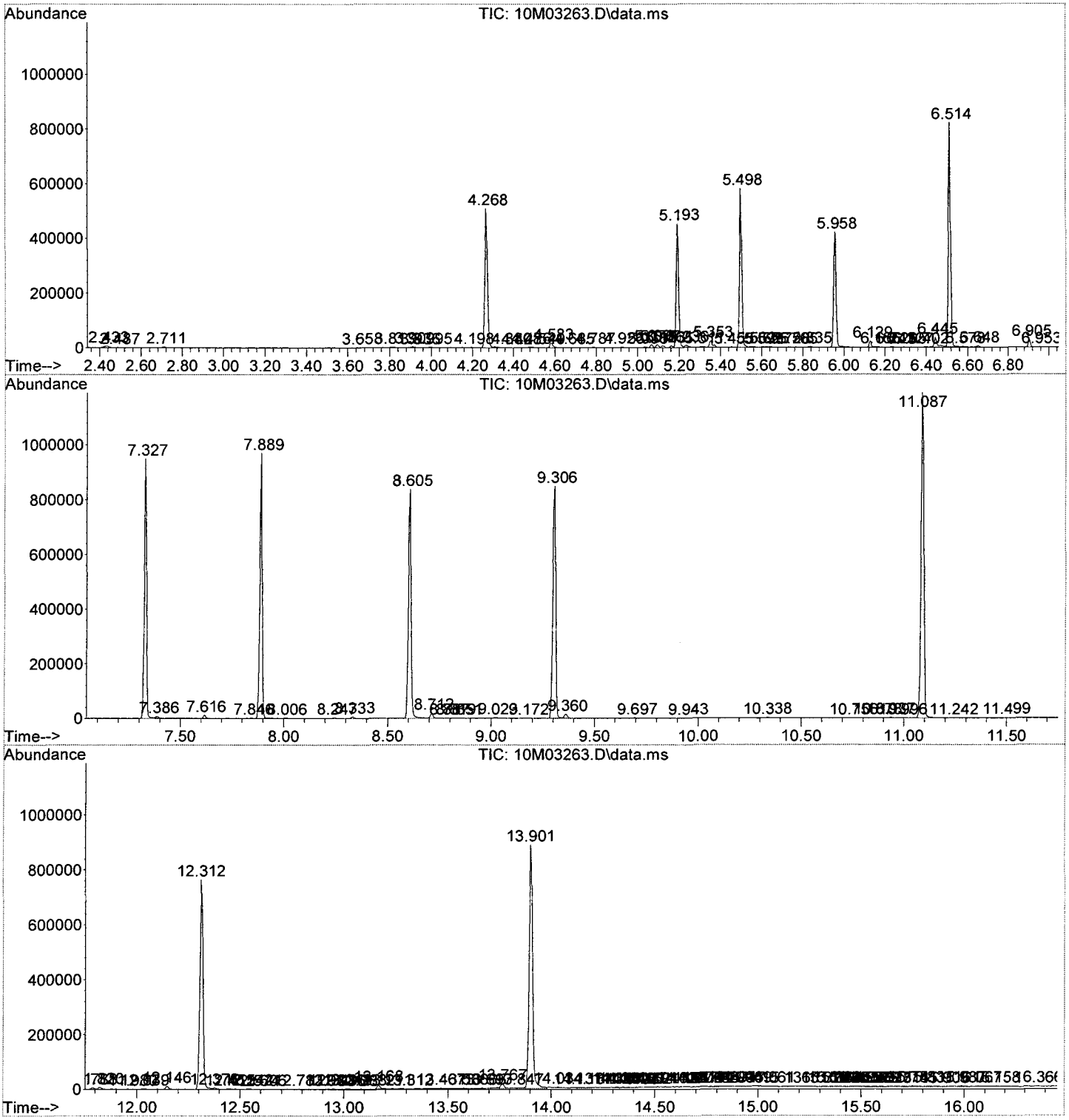
115	14.708	2311	2313	2316	rBV3	2186	2371	0.21%	0.028%
116	14.751	2316	2321	2323	rVB5	2559	3468	0.31%	0.040%
117	14.772	2323	2325	2327	rVB2	2670	1477	0.13%	0.017%
118	14.788	2327	2328	2332	rBV4	2741	3147	0.28%	0.037%
119	14.874	2343	2344	2347	rVB3	2003	963	0.09%	0.011%
120	14.906	2347	2350	2351	rVB3	2715	1819	0.16%	0.021%
121	14.917	2351	2352	2357	rBV5	2998	3666	0.33%	0.043%
122	14.949	2357	2358	2360	rBV2	2189	1391	0.12%	0.016%
123	15.061	2375	2379	2381	rBV4	2266	2539	0.23%	0.030%
124	15.136	2388	2393	2395	rBV3	2030	2971	0.26%	0.035%
125	15.329	2426	2429	2432	rVB5	2089	1824	0.16%	0.021%
126	15.361	2432	2435	2436	rVB3	2395	1651	0.15%	0.019%
127	15.382	2437	2439	2441	rVB3	2870	1403	0.12%	0.016%
128	15.420	2444	2446	2448	rBV3	1403	1096	0.10%	0.013%
129	15.468	2451	2455	2456	rVB4	1790	1806	0.16%	0.021%
130	15.494	2458	2460	2462	rBV3	1982	1875	0.17%	0.022%
131	15.527	2465	2466	2470	rBV4	2418	2785	0.25%	0.033%
132	15.569	2471	2474	2477	rVB5	2623	2967	0.26%	0.035%
133	15.591	2477	2478	2484	rBV6	2754	3491	0.31%	0.041%
134	15.628	2484	2485	2487	rBV2	2291	1463	0.13%	0.017%
135	15.714	2498	2501	2504	rVB4	2585	2746	0.24%	0.032%
136	15.751	2506	2508	2517	rBV8	3318	4315	0.38%	0.050%
137	15.831	2518	2523	2526	rBV6	2817	3433	0.31%	0.040%
138	15.906	2534	2537	2538	rVB2	1719	1377	0.12%	0.016%
139	15.987	2548	2552	2554	rVB3	2891	2685	0.24%	0.031%
140	16.067	2564	2567	2570	rBV5	2631	2200	0.20%	0.026%
141	16.158	2583	2584	2587	rBV3	2337	1518	0.14%	0.018%
142	16.366	2620	2623	2625	rBV4	1620	1305	0.12%	0.015%

Sum of corrected areas: 8568476

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03263.D
Acq On : 3 Mar 2009 11:16
Operator : AHD
Sample : WMB4058
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2009\GCMS_10\Data\03-03-09\
Data File : 10M03263.D
Acq On : 3 Mar 2009 11:16
Operator : AHD
Sample : WMB4058
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0303.M
Quant Title : @GCMS_10,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc

No Library Search Compounds Detected
****

Form3

MBS Data

Method: 625

Data File:==>					5M49166.D														
Data/Batch/Sample ID:==>					WMB4058(MS)														
Date/Time:==>					03/03/09 12:31														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,2,4-Trichlorobenz		44-142	1	0	72.97	100	73												
2,4,6-Trichlorophen		37-144	1	0	87.03	100	87												
2,4-Dichlorophenol		39-135	1	0	79.31	100	79												
2,4-Dimethylphenol		32-119	1	0	73.15	100	73												
2,4-Dinitrophenol		1-191	1	0	74.82	100	75												
2,4-Dinitrotoluene		39-139	1	0	79.56	100	80												
2,6-Dinitrotoluene		50-158	1	0	80.71	100	81												
2-Chloronaphthalen		60-118	1	0	79.69	100	80												
2-Chlorophenol		23-134	1	0	72.62	100	73												
2-Nitrophenol		29-182	1	0	80.97	100	81												
3,3'-Dichlorobenzidi		1-262	1	0	112.5	100	113												
4,6-Dinitro-2-methyl		1-181	1	0	91.5	100	92												
4-Bromophenyl-phe		53-127	1	0	84.62	100	85												
4-Chloro-3-methylph		22-147	1	0	82.9	100	83												
4-Chlorophenyl-phe		25-158	1	0	79.91	100	80												
4-Nitrophenol		1-132	1	0	45.19	100	45												
Acenaphthene		47-145	1	0	78.71	100	79												
Acenaphthylene		33-145	1	0	80.86	100	81												
Anthracene		27-133	1	0	80.35	100	80												
Benzo[a]anthracene		33-143	1	0	82.43	100	82												
Benzo[a]pyrene		17-163	1	0	86.44	100	86												
Benzo[b]fluoranthen		24-159	1	0	80.72	100	81												
Benzo[g,h,i]perylene		1-219	1	0	90.73	100	91												
Benzo[k]fluoranthen		11-162	1	0	86.92	100	87												
bis(2-Chloroethoxy)		33-184	1	0	77.47	100	77												
bis(2-Chloroethyl)et		12-158	1	0	73.39	100	73												
bis(2-chloroisopropy		36-166	1	0	73.19	100	73												
bis(2-Ethylhexyl)pht		8-158	1	0	87.71	100	88												
Butylbenzylphthalat		1-152	1	0	88.09	100	88												
Chrysene		17-168	1	0	83.97	100	84												
Dibenzo[a,h]anthrac		1-227	1	0	90.21	100	90												
Diethylphthalate		1-114	1	0	79.51	100	80												
Dimethylphthalate		1-112	1	0	83.31	100	83												
Di-n-butylphthalate		1-118	1	0	83.24	100	83												
Di-n-octylphthalate		4-146	1	0	84.41	100	84												
Fluoranthene		26-137	1	0	84.01	100	84												
Fluorene		59-121	1	0	76.07	100	76												
Hexachlorobenzene		1-152	1	0	80.55	100	81												
Hexachlorobutadien		24-116	1	0	73.05	100	73												
Hexachloroethane		40-113	1	0	70.73	100	71												
Indeno[1,2,3-cd]pyr		1-171	1	0	89.81	100	90												
Isophorone		21-196	1	0	73.18	100	73												
Naphthalene		21-133	1	0	76.12	100	76												
Nitrobenzene		35-180	1	0	80.3	100	80												
N-Nitrosodimethyla		40-109	1	0	54.25	100	54												
N-Nitroso-di-n-propy		1-230	1	0	73.66	100	74												
Pentachlorophenol		14-176	1	0	96.38	100	96												
Phenanthrene		54-120	1	0	85.16	100	85												
Phenol		5-112	1	0	35.73	100	36												
Pyrene		52-115	1	0	81.25	100	81												

Flags/Notes: **** - Values outside of limits for this column/run***

Quantitation Report (Not Reviewed)

SampleID : WMB4058(MS) Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49166.D Sam Mult : 1 Vial# : 13 Qt On : 03/03/09 13:46
Acq On : 03/ 3/09 12:31 Misc : A,BNA Qt Upd On: 03/03/09 13:40

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.717	152	22244	40.00	ng	0.00
23) Naphthalene-d8	6.737	136	76517	40.00	ng	0.00
41) Acenaphthene-d10	8.153	164	49528	40.00	ng	0.00
67) Phenanthrene-d10	9.606	188	90149	40.00	ng	0.00
81) Chrysene-d12	12.662	240	90772	40.00	ng	0.00
96) Perylene-d12	14.270	264	88379	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.494	112	32669	48.43	ng	0.00
Spiked Amount 100.000			Recovery = 48.43%			
9) Phenol-d5	5.402	99	32973	37.98	ng	0.00
Spiked Amount 100.000			Recovery = 37.98%			
24) Nitrobenzene-d5	6.176	128	13747	41.25	ng	0.00
Spiked Amount 50.000			Recovery = 82.50%			
46) 2-Fluorobiphenyl	7.571	172	70788	40.29	ng	0.00
Spiked Amount 50.000			Recovery = 80.58%			
70) 2,4,6-Tribromophenol	8.890	330	28785	91.60	ng	0.00
Spiked Amount 100.000			Recovery = 91.60%			
84) Terphenyl-d14	11.412	244	125692	47.09	ng	0.00
Spiked Amount 50.000			Recovery = 94.18%			
Target Compounds						Qvalue
2) Pyridine	2.891	79	16477	28.91	ng	71
3) N-Nitrosodimethylamine	2.816	74	17004	54.25	ng	82
8) bis(2-Chloroethyl)ether	5.493	93	43540	73.39	ng	73
10) Phenol	5.413	94	32599	35.73	ng	96
11) 2-Chlorophenol	5.535	128	54692	72.62	ng	73
13) 1,3-Dichlorobenzene	5.664	146	59377	69.89	ng	99
14) 1,4-Dichlorobenzene	5.733	146	60956	69.01	ng	98
15) 1,2-Dichlorobenzene	5.856	146	57080	71.24	ng	98
17) bis(2-chloroisopropyl)...	5.952	45	37246	73.19	ng	57
18) 2-Methylphenol	5.925	108	43148	69.18	ng	99
20) Hexachloroethane	6.134	117	21135	70.73	ng	56
21) N-Nitroso-di-n-propyla...	6.054	70	33033	73.66	ng	68
22) 3&4-Methylphenol	6.054	108	43467	65.87	ng	83
25) Nitrobenzene	6.192	77	51647	80.30	ng	75
26) Isophorone	6.379	82	86296	73.18	ng	79
27) 2-Nitrophenol	6.438	139	30769	80.97	ng	94
28) 2,4-Dimethylphenol	6.470	107	51559	73.15	ng	98
29) Benzoic Acid	6.550	105	10607	32.52	ng	81
30) bis(2-Chloroethoxy)met...	6.545	93	52167	77.47	ng	96
31) 2,4-Dichlorophenol	6.625	162	49521	79.31	ng	86
32) 1,2,4-Trichlorobenzene	6.689	180	55659	72.97	ng	97
33) Naphthalene	6.753	128	155520	76.12	ng	99
35) Hexachlorobutadiene	6.839	225	35359	73.05	ng	96
36) Caprolactam	7.149	113	1641	7.88	ng	3
37) 4-Chloro-3-methylphenol	7.149	107	50907	82.90	ng	85
43) Hexachlorocyclopentadiene	7.405	237	40349	80.01	ng	98
44) 2,4,6-Trichlorophenol	7.507	196	42572	87.03	ng	94
45) 2,4,5-Trichlorophenol	7.533	196	46838	87.82	ng	99
47) 2-Chloronaphthalene	7.678	162	118235	79.69	ng	93
51) 2-Nitroaniline	7.961	65	1858	4.21	ng	44
52) Acenaphthylene	8.030	152	181902	80.86	ng	98
53) Dimethylphthalate	7.902	163	147199	83.31	ng	98
54) 2,6-Dinitrotoluene	7.961	165	32663	80.71	ng	58
55) Acenaphthene	8.185	153	117202	78.71	ng	95
57) 2,4-Dinitrophenol	8.201	184	17839	74.82	ng	79
58) Dibenzofuran	8.442	168	9305	4.34	ng	30
59) 2,4-Dinitrotoluene	8.319	165	44046	79.56	ng	57
60) 4-Nitrophenol	8.239	65	11562	45.19	ng	61
61) 2,3,4,6-Tetrachlorophenol	8.442	232	36156	74.34	ng	82
62) Fluorene	8.661	166	136295	76.07	ng	100
63) 4-Chlorophenyl-phenyle...	8.650	204	77514	79.91	ng	84
64) Diethylphthalate	8.532	149	137695	79.51	ng	96
65) 4-Nitroaniline	8.661	138	2030	4.92	ng	11
66) Atrazine	9.398	200	5759	9.23	ng	35
68) 4,6-Dinitro-2-methylph...	8.698	198	29932	91.50	ng	100
69) n-Nitrosodiphenylamine	8.762	169	99246	67.82	ng	99
71) 1,2-Diphenylhydrazine	8.805	77	110557	82.00	ng	73
72) 4-Bromophenyl-phenylether	9.136	248	53977	84.62	ng	80
73) Hexachlorobenzene	9.200	284	55565	80.55	ng	59
75) Pentachlorophenol	9.398	266	35705	96.38	ng	99
76) Phenanthrene	9.633	178	228537	85.16	ng	99
77) Anthracene	9.692	178	217902	80.35	ng	100

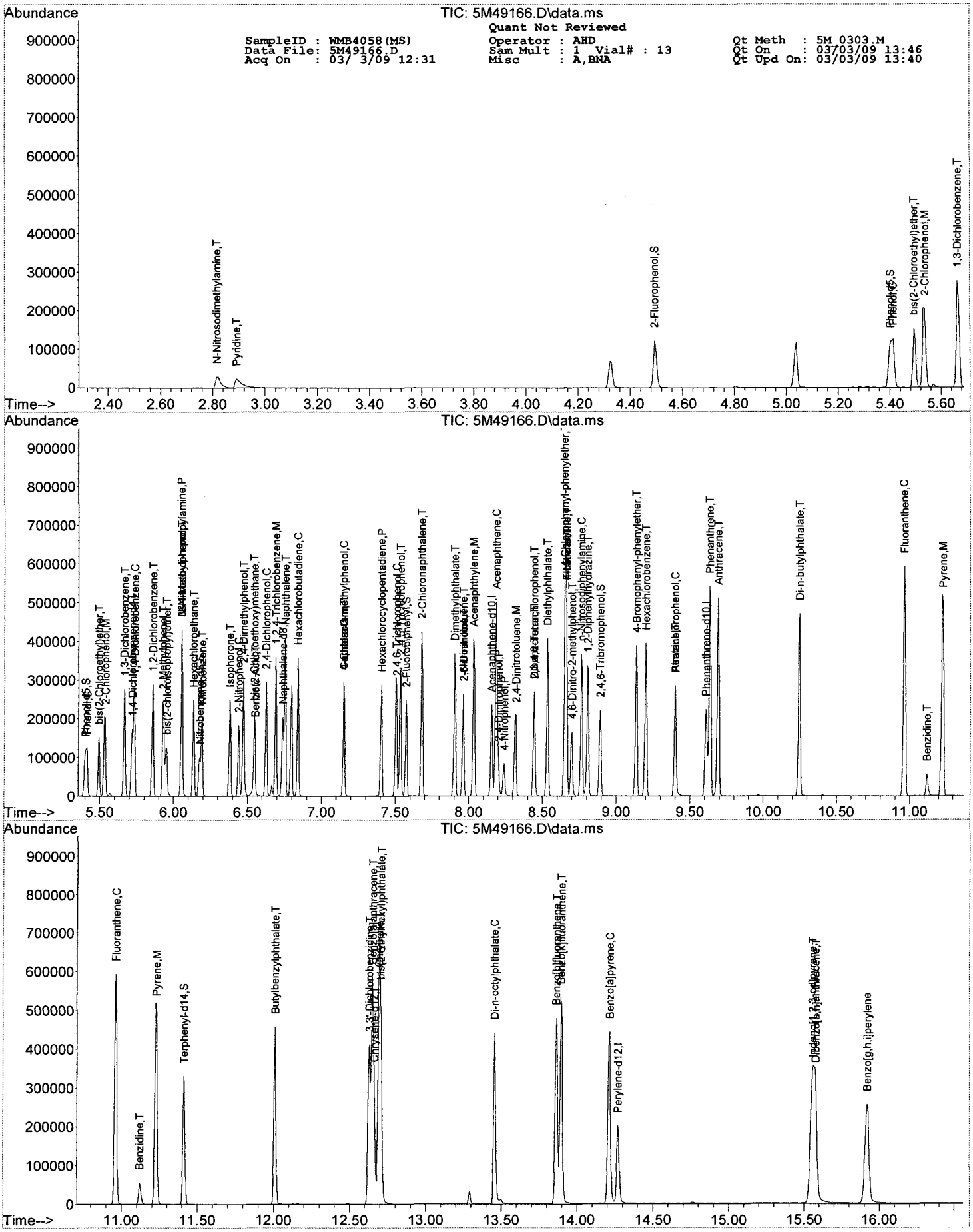
Quantitation Report (Not Reviewed)

SampleID : WMB4058(MS) Operator : AHD Qt Meth : 5M_0303.M
Data File: 5M49166.D Sam Mult : 1 Vial# : 13 Qt On : 03/03/09 13:46
Acq On : 03/ 3/09 12:31 Misc : A,BNA Qt Upd On: 03/03/09 13:40

Data Path : G:\GcMsData\2009\GCMS_5\Data\03-03-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Di-n-butylphthalate	10.247	149	245281	83.24	ng	98
80) Fluoranthene	10.963	202	274945	84.01	ng	79
82) Pyrene	11.230	202	265670	81.25	ng	74
83) Benzidine	11.118	184	25104	27.99	ng	79
88) Butylbenzylphthalate	12.010	149	110025	88.09	ng	82
92) 3,3'-Dichlorobenzidine	12.630	252	98375	112.53	ng	94
93) Benzo[a]anthracene	12.651	228	264002	82.43	ng	99
94) Chrysene	12.694	228	248511	83.97	ng	99
95) bis(2-Ethylhexyl)phtha...	12.705	149	140917	87.71	ng	90
97) Di-n-octylphthalate	13.458	149	246766	84.41	ng	100
98) Benzo[b]fluoranthene	13.864	252	240388	80.72	ng	89
99) Benzo[k]fluoranthene	13.896	252	244768	86.92	ng	89
100) Benzo[a]pyrene	14.217	252	232846	86.44	ng	86
101) Indeno[1,2,3-cd]pyrene	15.557	276	262600	89.81	ng	63
102) Dibenzo[a,h]anthracene	15.579	278	216112	90.21	ng	79
103) Benzo[g,h,i]perylene	15.921	276	217876	90.73	ng	72

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M49166.D\data.ms
Quant Not Reviewed
SampleID : WMB4058(MS)
Data File: 5M49166.D
Acq On : 03/ 3/09 12:31
Operator : AHD
Sam Mult : 1 Vial# : 13
Misc : A,BNA
Qt Meth : 5M 0303.M
Qt On : 03/03/09 13:46
Qt Upd On: 03/03/09 13:40
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Phenol-d5,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
1,3-Dichlorobenzene,T
Time-->

Abundance
TIC: 5M49166.D\data.ms
Time-->

Abundance
TIC: 5M49166.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

FORM 3

Spike Recovery

Batch Number: WMB4057
Mbs Name: WMB4057(MS)
Ns Name: AC42874-001(T)
Ms Name: AC42874-001(T)(M
Msd Name: AC42874-001(T)(M

Mbs File: 5M49123.D
Non Spk'd File: 5M49125.D
Spike File: 5M49126.D
Spike Dup File: 5M49127.D
Matrix: Aqueous
Method: EPA 625

Mbs Date: 02/26/09 14:07
Non Spk'd Date: 02/26/09 14:52
Spike Date : 02/26/09 15:14
Spike Dup Date: 02/26/09 15:36

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
N-Nitrosodimethylami	3	1	0	100	40	109	17	54.20	0.00	74.84	77.53	54	75	78	3.5
bis(2-Chloroethyl)ethe	8	1	0	100	12	158	12	81.17	0.00	79.12	82.95	81	79	83	4.7
Phenol	10	1	0	100	5	112	27	37.37	0.00	69.18	72.87	37	69	73	5.2
2-Chlorophenol	11	1	0	100	23	134	21	86.32	0.00	88.69	92.54	86	89	93	4.2
bis(2-chloroisopropyl)	17	1	0	100	36	166	14	71.21	0.00	72.21	76.11	71	72	76	5.3
Hexachloroethane	20	1	0	100	40	113	39	83.81	0.00	85.01	88.98	84	85	89	4.6
N-Nitroso-di-n-propyla	21	1	0	100	1	230	14	83.00	0.00	82.68	87.27	83	83	87	5.4
Nitrobenzene	25	1	0	100	35	180	13	89.74	0.00	91.98	95.74	90	92	96	4
Isophorone	26	1	0	100	21	196	12	79.09	0.00	81.02	82.31	79	81	82	1.6
2-Nitrophenol	27	1	0	100	29	182	31	98.52	0.00	101.33	105.00	99	101	105	3.6
2,4-Dimethylphenol	28	1	0	100	32	119	18	87.29	0.00	94.17	97.22	87	94	97	3.2
bis(2-Chloroethoxy)m	30	1	0	100	33	184	12	83.85	0.00	85.79	87.16	84	86	87	1.6
2,4-Dichlorophenol	31	1	0	100	39	135	21	94.98	0.00	97.74	101.46	95	98	101	3.7
1,2,4-Trichlorobenzen	32	1	0	100	44	142	17	90.75	0.00	91.90	93.55	91	92	94	1.8
Naphthalene	33	1	0	100	21	133	16	89.79	0.00	91.48	93.03	90	91	93	1.7
Hexachlorobutadiene	35	1	0	100	24	116	24	91.22	0.00	93.42	94.87	91	93	95	1.5
4-Chloro-3-methylphe	37	1	0	100	22	147	16	96.70	0.00	101.69	106.68	97	102	107	4.8
2,4,6-Trichlorophenol	44	1	0	100	37	144	24	103.59	0.00	106.51	111.09	104	107	111	4.2
2-Chloronaphthalene	47	1	0	100	60	118	13	97.44	0.00	95.99	100.63	97	96	101	4.7
Acenaphthylene	52	1	0	100	33	145	13	95.34	0.00	93.89	98.10	95	94	98	4.4
Dimethylphthalate	53	1	0	100	1	112	12	99.06	0.00	97.58	102.63	99	98	103	5
2,6-Dinitrotoluene	54	1	0	100	50	158	13	101.38	0.00	99.18	107.84	101	99	108	8.4
Acenaphthene	55	1	0	100	47	145	14	92.00	0.00	91.82	95.88	92	92	96	4.3
2,4-Dinitrophenol	57	1	0	100	1	191	37	91.13	0.00	93.19	99.69	91	93	100	6.7
2,4-Dinitrotoluene	59	1	0	100	39	139	13	97.76	0.00	96.57	105.24	98	97	105	8.6
4-Nitrophenol	60	1	0	100	1	132	41	46.98	0.00	90.73	93.44	47	91	93	2.9
Fluorene	62	1	0	100	59	121	14	91.18	0.00	89.37	95.00	91	89	95	6.1
4-Chlorophenyl-phenv	63	1	0	100	25	158	13	93.83	0.00	93.03	98.24	94	93	98	5.4
Diethylphthalate	64	1	0	100	1	114	12	94.75	0.00	92.11	98.16	95	92	98	6.4
4,6-Dinitro-2-methylph	68	1	0	100	1	181	25	96.29	0.00	97.99	103.09	96	98	103	5.1
4-Bromophenyl-phenv	72	1	0	100	53	127	13	97.12	0.00	93.86	98.02	97	94	98	4.3
Hexachlorobenzene	73	1	0	100	1	152	12	94.84	0.00	94.55	99.02	95	95	99	4.6
Pentachlorophenol	75	1	0	100	14	176	31	88.07	0.00	95.24	100.25	88	95	100	5.1
Phenanthrene	76	1	0	100	54	120	12	96.25	0.00	96.28	98.32	96	96	98	2.1
Anthracene	77	1	0	100	27	133	12	92.19	0.00	91.62	94.84	92	92	95	3.5
Di-n-butylphthalate	79	1	0	100	1	118	12	95.98	0.00	94.28	97.78	96	94	98	3.6
Fluoranthene	80	1	0	100	26	137	13	94.72	0.00	95.57	97.93	95	96	98	2.4
Pyrene	82	1	0	100	52	115	13	87.32	0.00	83.53	90.59	87	84	91	8.1
Butylbenzylphthalate	88	1	0	100	1	152	12	98.75	0.00	93.77	101.30	99	94	101	7.7
3,3'-Dichlorobenzidine	92	1	0	100	1	262	40	151.97	0.00	108.34	111.11	152	108	111	2.5
Benzo[a]anthracene	93	1	0	100	33	143	12	92.46	0.00	90.56	96.18	92	91	96	6
Chrysene	94	1	0	100	17	168	12	95.84	0.00	94.17	99.14	96	94	99	5.1
bis(2-Ethylhexyl)phtha	95	1	0	100	8	158	14	100.83	0.00	95.94	103.23	101	96	103	7.3
Di-n-octylphthalate	97	1	0	100	4	146	14	106.06	0.00	97.67	105.01	106	98	105	7.2
Benzo[b]fluoranthene	98	1	0	100	24	159	15	95.57	0.00	88.70	93.78	96	89	94	5.6
Benzo[k]fluoranthene	99	1	0	100	11	162	14	93.68	0.00	96.72	102.40	94	97	102	5.7
Benzo[a]pyrene	1001		0	100	17	163	13	96.35	0.00	94.46	99.24	96	94	99	4.9
Indeno[1,2,3-cd]pyren	1011		0	100	1	171	14	96.78	0.00	100.02	106.28	97	100	106	6.1
Dibenzo[a,h]anthrace	1021		0	100	1	227	14	98.16	0.00	100.23	106.04	98	100	106	5.6
Benzo[g,h,i]perylene	1031		0	100	1	219	15	92.06	0.00	96.08	102.46	92	96	102	6.4

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (QT Reviewed)

SampleID : WMB4057(MS) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49123.D Sam Mult : 1 Vial# : 15 Qt On : 02/26/09 14:37
Acq On : 02/26/09 14:07 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-26-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.749	152	28596	40.00	ng	-0.04
23) Naphthalene-d8	6.764	136	99113	40.00	ng	-0.04
41) Acenaphthene-d10	8.185	164	62449	40.00	ng	-0.05
67) Phenanthrene-d10	9.644	188	116148	40.00	ng	-0.05
81) Chrysene-d12	12.705	240	113968	40.00	ng	-0.05
96) Perylene-d12	14.313	264	111021	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	4.531	112	52667	56.37	ng	-0.04
Spiked Amount 100.000			Recovery = 56.37%			
9) Phenol-d5	5.434	99	48366	40.36	ng	-0.04
Spiked Amount 100.000			Recovery = 40.36%			
24) Nitrobenzene-d5	6.203	128	20594	48.23	ng	-0.04
Spiked Amount 50.000			Recovery = 96.46%			
46) 2-Fluorobiphenyl	7.603	172	97804	45.36	ng	-0.04
Spiked Amount 50.000			Recovery = 90.72%			
70) 2,4,6-Tribromophenol	8.928	330	37343	107.03	ng	-0.05
Spiked Amount 100.000			Recovery = 107.03%			
84) Terphenyl-d14	11.455	244	165751	51.50	ng	-0.05
Spiked Amount 50.000			Recovery = 103.00%			
Target Compounds						Qvalue
2) Pyridine	2.934	79	43249	47.53	ng	66
3) N-Nitrosodimethylamine	2.870	74	28013	54.20	ng	77
8) bis(2-Chloroethyl)ether	5.525	93	69286	81.17	ng	75
10) Phenol	5.445	94	46772	37.37	ng	95
11) 2-Chlorophenol	5.568	128	82716	86.32	ng	74
13) 1,3-Dichlorobenzene	5.696	146	92549	86.22	ng	97
14) 1,4-Dichlorobenzene	5.760	146	93884	87.40	ng	98
15) 1,2-Dichlorobenzene	5.888	146	87310	88.12	ng	98
17) bis(2-chloroisopropyl)...	5.979	45	59567	71.21	ng	68
18) 2-Methylphenol	5.958	108	62377	76.22	ng	99
20) Hexachloroethane	6.166	117	32025	83.81	ng	50
21) N-Nitroso-di-n-propyla...	6.086	70	49959	83.00	ng	64
22) 3&4-Methylphenol	6.086	108	62153	75.12	ng	84
25) Nitrobenzene	6.219	77	76102	89.74	ng	79
26) Isophorone	6.412	82	126819	79.09	ng	81
27) 2-Nitrophenol	6.470	139	44776	98.52	ng	90
28) 2,4-Dimethylphenol	6.503	107	76252	87.29	ng	99
29) Benzoic Acid	6.567	105	12116	28.63	ng	85
30) bis(2-Chloroethoxy)met...	6.577	93	77845	83.85	ng	96
31) 2,4-Dichlorophenol	6.657	162	70783	94.98	ng	84
32) 1,2,4-Trichlorobenzene	6.722	180	83082	90.75	ng	97
33) Naphthalene	6.780	128	227148	89.79	ng	99
35) Hexachlorobutadiene	6.871	225	51312	91.22	ng	97
36) Caprolactam	7.181	113	2265	8.36	ng	1
37) 4-Chloro-3-methylphenol	7.181	107	72739	96.70	ng	83
43) Hexachlorocyclopentadiene	7.437	237	58976	107.78	ng	97
44) 2,4,6-Trichlorophenol	7.534	196	60014	103.59	ng	96
45) 2,4,5-Trichlorophenol	7.566	196	64916	104.84	ng	97
47) 2-Chloronaphthalene	7.710	162	171591	97.44	ng	94
51) 2-Nitroaniline	7.993	65	2398	4.41	ng	33
52) Acenaphthylene	8.062	152	257300	95.34	ng	99
53) Dimethylphthalate	7.934	163	206582	99.06	ng	98
54) 2,6-Dinitrotoluene	7.993	165	45847	101.38	ng	59
55) Acenaphthene	8.217	153	163170	92.00	ng	96
57) 2,4-Dinitrophenol	8.233	184	22188	91.13	ng	77
58) Dibenzofuran	8.479	168	12911	5.09	ng	30
59) 2,4-Dinitrotoluene	8.351	165	60790	97.76	ng	58
60) 4-Nitrophenol	8.276	65	13960	46.98	ng	65
61) 2,3,4,6-Tetrachlorophenol	8.479	232	47849	87.63	ng	82
62) Fluorene	8.698	166	189982	91.18	ng	99
63) 4-Chlorophenyl-phenyle...	8.687	204	105812	93.83	ng	80
64) Diethylphthalate	8.570	149	190416	94.75	ng	94
65) 4-Nitroaniline	8.693	138	2755	5.56	ng	17
66) Atrazine	9.435	200	6510	9.10	ng	35
68) 4,6-Dinitro-2-methylph...	8.736	198	36626	96.29	ng	100
69) n-Nitrosodiphenylamine	8.800	169	140555	76.49	ng	99
71) 1,2-Diphenylhydrazine	8.842	77	155703	83.80	ng	71
72) 4-Bromophenyl-phenylether	9.174	248	73781	97.12	ng	79
73) Hexachlorobenzene	9.238	284	74996	94.84	ng	60
75) Pentachlorophenol	9.435	266	39316	88.07	ng	97
76) Phenanthrene	9.676	178	318465	96.25	ng	99
77) Anthracene	9.729	178	302808	92.19	ng	100

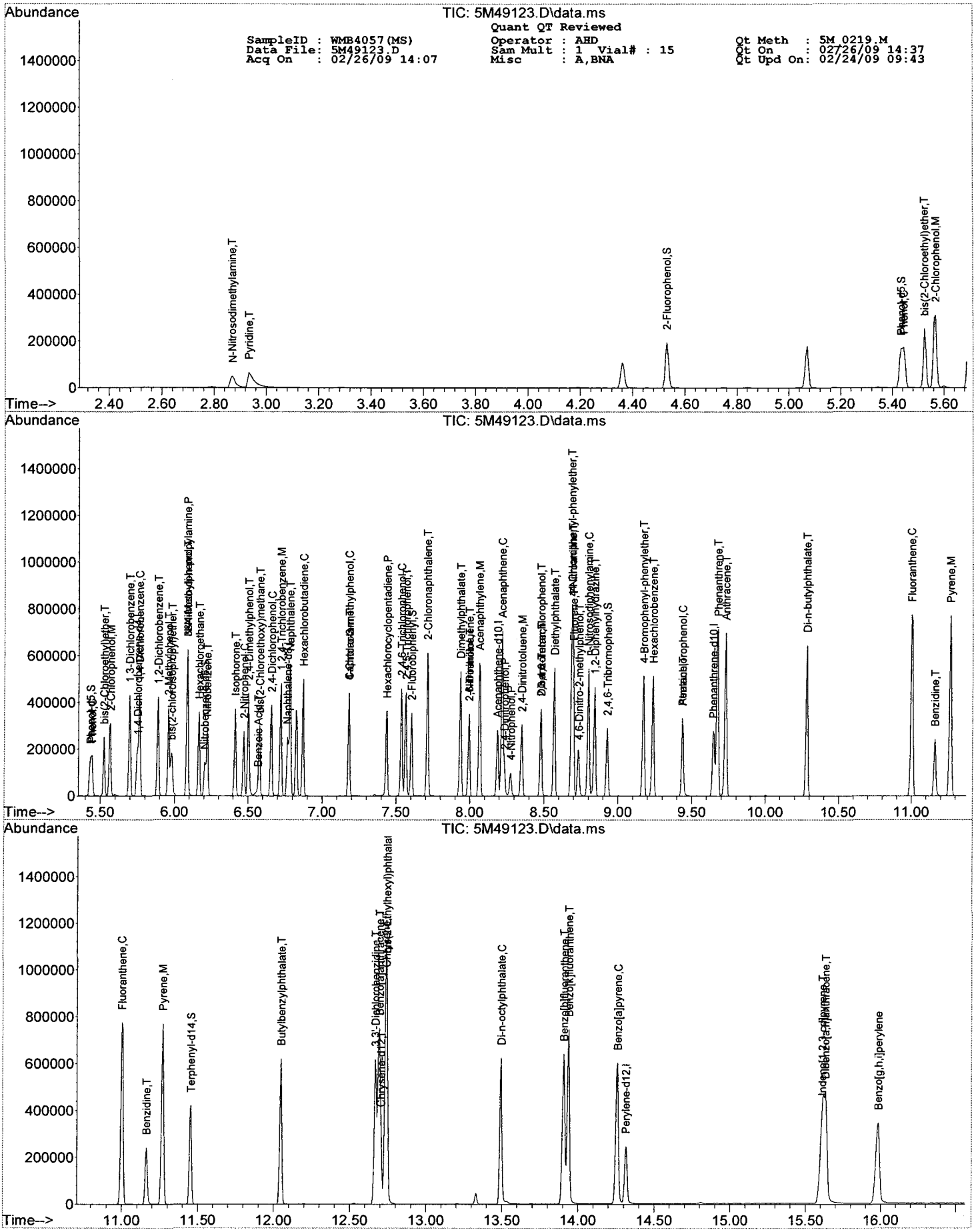
Quantitation Report (QT Reviewed)

SampleID : WMB4057(MS) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49123.D Sam Mult : 1 Vial# : 15 Qt On : 02/26/09 14:37
Acq On : 02/26/09 14:07 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-26-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
79)	Di-n-butylphthalate	10.285	149	342883	95.98 ng	97
80)	Fluoranthene	11.001	202	376871	94.72 ng	81
82)	Pyrene	11.268	202	364222	87.32 ng	76
83)	Benzidine	11.161	184	101209	151.93 ng	78
88)	Butylbenzylphthalate	12.048	149	153965	98.75 ng	64
92)	3,3'-Dichlorobenzidine	12.667	252	144268	151.97 ng	94
93)	Benzo[a]anthracene	12.694	228	354625	92.46 ng	99
94)	Chrysene	12.737	228	336903	95.84 ng	98
95)	bis(2-Ethylhexyl)phtha...	12.742	149	192874	100.83 ng	91
97)	Di-n-octylphthalate	13.496	149	348630	106.06 ng	99
98)	Benzo[b]fluoranthene	13.907	252	336931	95.57 ng	89
99)	Benzo[k]fluoranthene	13.939	252	321064m	93.68 ng	
100)	Benzo[a]pyrene	14.259	252	316470	96.35 ng	86
101)	Indeno[1,2,3-cd]pyrene	15.611	276	348110	96.78 ng	65
102)	Dibenzo[a,h]anthracene	15.632	278	291903	98.16 ng	82
103)	Benzo[g,h,i]perylene	15.985	276	273275	92.06 ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M49123.D\data.ms
Quant QT Reviewed
SampleID : WMB4057(MS)
Data File: 5M49123.D
Acq On : 02/26/09 14:07
Operator : AHD
Sam Mult : 1 Vial# : 15
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/26/09 14:37
Qt Upd On: 02/24/09 09:43
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
Time-->
Abundance
TIC: 5M49123.D\data.ms
Isophorone,T
2-Nitrophenol,T
2,4-Dichlorophenol,C
Hexachlorobutadiene,C
Hexachlorocyclopentadiene,P
2-Chloronaphthalene,T
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene,C
2,4-Dinitrotoluene,M
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Phenanthrene,T
Anthracene,T
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->
Abundance
TIC: 5M49123.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : AC42874-001(T)(MS) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49126.D Sam Mult : 1 Vial# : 18 Qt On : 02/26/09 15:32
Acq On : 02/26/09 15:14 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-26-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.749	152	25197	40.00	ng	-0.04
23) Naphthalene-d8	6.764	136	84354	40.00	ng	-0.04
41) Acenaphthene-d10	8.185	164	54170	40.00	ng	-0.05
67) Phenanthrene-d10	9.644	188	98922	40.00	ng	-0.05
81) Chrysene-d12	12.700	240	101301	40.00	ng	-0.05
96) Perylene-d12	14.313	264	100884	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	4.531	112	58565	71.14	ng	-0.04
Spiked Amount 100.000			Recovery = 71.14%			
9) Phenol-d5	5.434	99	76723	72.66	ng	-0.04
Spiked Amount 100.000			Recovery = 72.66%			
24) Nitrobenzene-d5	6.203	128	17149	47.19	ng	-0.04
Spiked Amount 50.000			Recovery = 94.38%			
46) 2-Fluorobiphenyl	7.603	172	82361	44.03	ng	-0.04
Spiked Amount 50.000			Recovery = 88.06%			
70) 2,4,6-Tribromophenol	8.928	330	31144	104.81	ng	-0.05
Spiked Amount 100.000			Recovery = 104.81%			
84) Terphenyl-d14	11.449	244	137800	48.17	ng	-0.06
Spiked Amount 50.000			Recovery = 96.34%			
Target Compounds						Qvalue
2) Pyridine	2.945	79	61815	75.26	ng	69
3) N-Nitrosodimethylamine	2.875	74	34080	74.84	ng	76
5) Benzaldehyde	5.450	77	843	1.45	ng	11
8) bis(2-Chloroethyl)ether	5.525	93	59509	79.12	ng	75
10) Phenol	5.450	94	76292	69.18	ng	91
11) 2-Chlorophenol	5.568	128	74883	88.69	ng	75
13) 1,3-Dichlorobenzene	5.696	146	81316	85.98	ng	97
14) 1,4-Dichlorobenzene	5.760	146	83058	87.75	ng	97
15) 1,2-Dichlorobenzene	5.888	146	77154	88.37	ng	99
17) bis(2-chloroisopropyl)...	5.979	45	53229	72.21	ng	67
18) 2-Methylphenol	5.958	108	61392	85.14	ng	99
20) Hexachloroethane	6.166	117	28621	85.01	ng	50
21) N-Nitroso-di-n-propyla...	6.086	70	43852	82.68	ng	65
22) 3&4-Methylphenol	6.086	108	64021	87.81	ng	83
25) Nitrobenzene	6.219	77	66380	91.98	ng	77
26) Isophorone	6.412	82	110566	81.02	ng	80
27) 2-Nitrophenol	6.470	139	39193	101.33	ng	91
28) 2,4-Dimethylphenol	6.503	107	70014	94.17	ng	98
29) Benzoic Acid	6.599	105	41606	90.42	ng	87
30) bis(2-Chloroethoxy)met...	6.577	93	67786	85.79	ng	95
31) 2,4-Dichlorophenol	6.657	162	61991	97.74	ng	85
32) 1,2,4-Trichlorobenzene	6.722	180	71609	91.90	ng	97
33) Naphthalene	6.780	128	196964	91.48	ng	99
35) Hexachlorobutadiene	6.871	225	44725	93.42	ng	97
36) Caprolactam	7.181	113	2075	9.00	ng	3
37) 4-Chloro-3-methylphenol	7.181	107	65097	101.69	ng	82
43) Hexachlorocyclopentadiene	7.437	237	51479	108.46	ng	97
44) 2,4,6-Trichlorophenol	7.534	196	53525	106.51	ng	98
45) 2,4,5-Trichlorophenol	7.566	196	55912	104.10	ng	95
47) 2-Chloronaphthalene	7.710	162	146619	95.99	ng	94
51) 2-Nitroaniline	7.993	65	2103	4.46	ng	33
52) Acenaphthylene	8.062	152	219801	93.89	ng	99
53) Dimethylphthalate	7.934	163	176525	97.58	ng	99
54) 2,6-Dinitrotoluene	7.993	165	38908	99.18	ng	57
55) Acenaphthene	8.217	153	141262	91.82	ng	95
57) 2,4-Dinitrophenol	8.233	184	19736	93.19	ng	76
58) Dibenzofuran	8.479	168	11208	5.10	ng	30
59) 2,4-Dinitrotoluene	8.351	165	52086	96.57	ng	58
60) 4-Nitrophenol	8.276	65	23383	90.73	ng	58
61) 2,3,4,6-Tetrachlorophenol	8.479	232	41250	87.09	ng	82
62) Fluorene	8.693	166	161521	89.37	ng	100
63) 4-Chlorophenyl-phenyle...	8.688	204	91001	93.03	ng	80
64) Diethylphthalate	8.570	149	160572	92.11	ng	93
65) 4-Nitroaniline	8.693	138	2257	5.25	ng	15
66) Atrazine	9.435	200	5939	9.57	ng	35
68) 4,6-Dinitro-2-methylph...	8.730	198	31778	97.99	ng	100
69) n-Nitrosodiphenylamine	8.800	169	118293	75.58	ng	99
71) 1,2-Diphenylhydrazine	8.842	77	132466	83.71	ng	70
72) 4-Bromophenyl-phenylether	9.174	248	60734	93.86	ng	78
73) Hexachlorobenzene	9.238	284	63675	94.55	ng	58
75) Pentachlorophenol	9.435	266	36417	95.24	ng	97
76) Phenanthrene	9.670	178	271311	96.28	ng	99

16

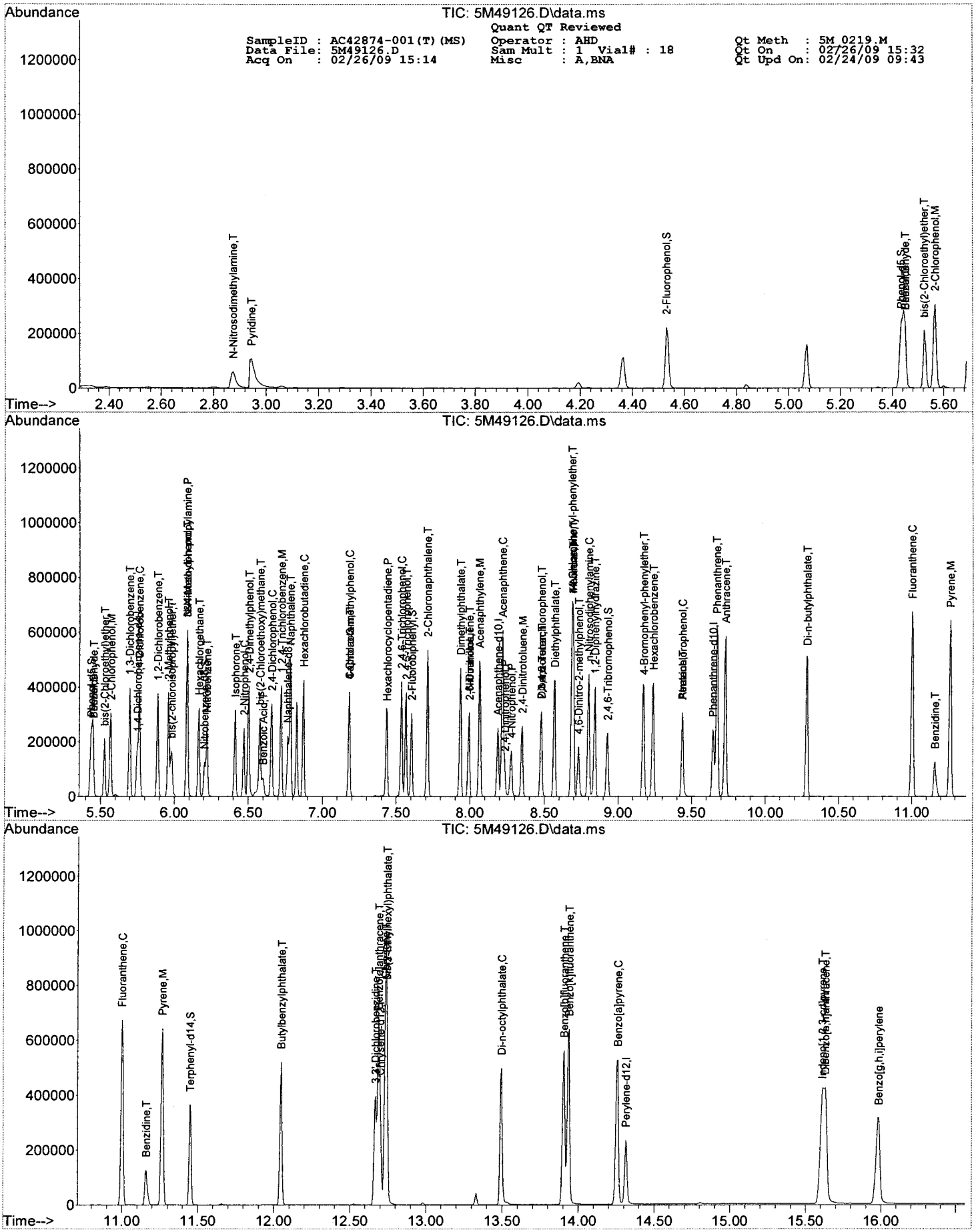
Quantitation Report (QT Reviewed)

SampleID : AC42874-001(T)(MS) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49126.D Sam Mult : 1 Vial# : 18 Qt On : 02/26/09 15:32
Acq On : 02/26/09 15:14 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-26-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) Anthracene	9.729	178	256301	91.62 ng	100
79) Di-n-butylphthalate	10.285	149	286853	94.28 ng	97
80) Fluoranthene	11.001	202	323866	95.57 ng	80
82) Pyrene	11.268	202	309698	83.53 ng	75
83) Benzidine	11.161	184	56494	70.79 ng	79
88) Butylbenzylphthalate	12.048	149	129963	93.77 ng	66
92) 3,3'-Dichlorobenzidine	12.667	252	96715	108.34 ng	94
93) Benzo[a]anthracene	12.689	228	308741	90.56 ng	99
94) Chrysene	12.732	228	294232	94.17 ng	98
95) bis(2-Ethylhexyl)phtha...	12.742	149	163114	95.94 ng	89
97) Di-n-octylphthalate	13.496	149	291741	97.67 ng	100
98) Benzo[b]fluoranthene	13.907	252	284186	88.70 ng	88
99) Benzo[k]fluoranthene	13.939	252	301242m	96.72 ng	
100) Benzo[a]pyrene	14.259	252	281933	94.46 ng	85
101) Indeno[1,2,3-cd]pyrene	15.611	276	326932	100.02 ng	63
102) Dibenzo[a,h]anthracene	15.632	278	270838	100.23 ng	80
103) Benzo[g,h,i]perylene	15.985	276	259174	96.08 ng	72

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 5M49126.D\data.ms
Quant QT Reviewed
SampleID : AC42874-001(T)(MS)
Data File: 5M49126.D
Acq On : 02/26/09 15:14
Operator : AHD
Sam Mult : 1 Vial# : 18
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/26/09 15:32
Qt Upd On: 02/24/09 09:43
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
bis(2-Chloroethylether,T
2-Chlorophenol,M
Time-->
Abundance
TIC: 5M49126.D\data.ms
Hexachlorocyclopentadiene,P
2-Chloronaphthalene,T
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene,C
Diethylphthalate,T
4,6-Dinitro-2-methylphenol,T
1,2-Diphenylhydrazine,I
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Phenanthrene,T
Anthracene,T
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->
Abundance
TIC: 5M49126.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : AC42874-001(T)(MSD) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49127.D Sam Mult : 1 Vial# : 19 Qt On : 02/26/09 15:58
Acq On : 02/26/09 15:36 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-26-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.749	152	24637	40.00	ng	-0.04
23) Naphthalene-d8	6.764	136	86043	40.00	ng	-0.04
41) Acenaphthene-d10	8.185	164	54250	40.00	ng	-0.05
67) Phenanthrene-d10	9.644	188	102083	40.00	ng	-0.05
81) Chrysene-d12	12.699	240	101055	40.00	ng	-0.05
96) Perylene-d12	14.313	264	101276	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	4.531	112	49858	61.94	ng	-0.04
Spiked Amount 100.000			Recovery = 61.94%			
9) Phenol-d5	5.434	99	70269	68.06	ng	-0.04
Spiked Amount 100.000			Recovery = 68.06%			
24) Nitrobenzene-d5	6.203	128	15119	40.78	ng	-0.04
Spiked Amount 50.000			Recovery = 81.56%			
46) 2-Fluorobiphenyl	7.603	172	83483	44.57	ng	-0.04
Spiked Amount 50.000			Recovery = 89.14%			
70) 2,4,6-Tribromophenol	8.928	330	33453	109.09	ng	-0.05
Spiked Amount 100.000			Recovery = 109.09%			
84) Terphenyl-d14	11.455	244	147556	51.70	ng	-0.05
Spiked Amount 50.000			Recovery = 103.40%			
Target Compounds						Qvalue
2) Pyridine	2.944	79	57221	71.48	ng	67
3) N-Nitrosodimethylamine	2.875	74	34519	77.53	ng	79
8) bis(2-Chloroethyl)ether	5.525	93	61003	82.95	ng	75
10) Phenol	5.450	94	78582	72.87	ng	90
11) 2-Chlorophenol	5.567	128	76396	92.54	ng	74
13) 1,3-Dichlorobenzene	5.696	146	83016	89.77	ng	98
14) 1,4-Dichlorobenzene	5.760	146	85316	92.19	ng	98
15) 1,2-Dichlorobenzene	5.888	146	79855	93.55	ng	98
17) bis(2-chloroisopropyl)...	5.979	45	54854	76.11	ng	68
18) 2-Methylphenol	5.957	108	64299	91.20	ng	99
20) Hexachloroethane	6.166	117	29292	88.98	ng	51
21) N-Nitroso-di-n-propyla...	6.086	70	45257	87.27	ng	63
22) 3&4-Methylphenol	6.086	108	66179	92.83	ng	83
25) Nitrobenzene	6.219	77	70483	95.74	ng	79
26) Isophorone	6.411	82	114585	82.31	ng	80
27) 2-Nitrophenol	6.470	139	41429	105.00	ng	89
28) 2,4-Dimethylphenol	6.502	107	73728	97.22	ng	98
29) Benzoic Acid	6.598	105	42889	91.31	ng	89
30) bis(2-Chloroethoxy)met...	6.577	93	70252	87.16	ng	94
31) 2,4-Dichlorophenol	6.657	162	65642	101.46	ng	85
32) 1,2,4-Trichlorobenzene	6.721	180	74350	93.55	ng	95
33) Naphthalene	6.780	128	204329	93.03	ng	99
35) Hexachlorobutadiene	6.871	225	46325	94.87	ng	97
36) Caprolactam	7.181	113	2130	9.06	ng	5
37) 4-Chloro-3-methylphenol	7.181	107	69661	106.68	ng	85
43) Hexachlorocyclopentadiene	7.437	237	54648	114.97	ng	99
44) 2,4,6-Trichlorophenol	7.533	196	55905	111.09	ng	96
45) 2,4,5-Trichlorophenol	7.565	196	59032	109.74	ng	96
47) 2-Chloronaphthalene	7.710	162	153934	100.63	ng	95
51) 2-Nitroaniline	7.993	65	2416	5.12	ng	36
52) Acenaphthylene	8.068	152	230010	98.10	ng	99
53) Dimethylphthalate	7.934	163	185934	102.63	ng	98
54) 2,6-Dinitrotoluene	7.993	165	42365	107.84	ng	57
55) Acenaphthene	8.217	153	147730	95.88	ng	96
57) 2,4-Dinitrophenol	8.233	184	21320	99.69	ng	82
58) Dibenzofuran	8.479	168	12111	5.50	ng	30
59) 2,4-Dinitrotoluene	8.351	165	56846	105.24	ng	55
60) 4-Nitrophenol	8.276	65	24118	93.44	ng	60
61) 2,3,4,6-Tetrachlorophenol	8.479	232	44468	93.75	ng	82
62) Fluorene	8.693	166	171956	95.00	ng	100
63) 4-Chlorophenyl-phenyle...	8.687	204	96244	98.24	ng	82
64) Diethylphthalate	8.570	149	171356	98.16	ng	94
65) 4-Nitroaniline	8.693	138	2308	5.36	ng	17
66) Atrazine	9.435	200	6716	10.81	ng	35
68) 4,6-Dinitro-2-methylph...	8.735	198	34608	103.09	ng	100
69) n-Nitrosodiphenylamine	8.799	169	127131	78.72	ng	99
71) 1,2-Diphenylhydrazine	8.842	77	138652	84.90	ng	71
72) 4-Bromophenyl-phenylether	9.173	248	65450	98.02	ng	81
73) Hexachlorobenzene	9.238	284	68819	99.02	ng	59
75) Pentachlorophenol	9.435	266	39700	100.25	ng	98
76) Phenanthrene	9.676	178	285901	98.32	ng	99
77) Anthracene	9.729	178	273801	94.84	ng	100

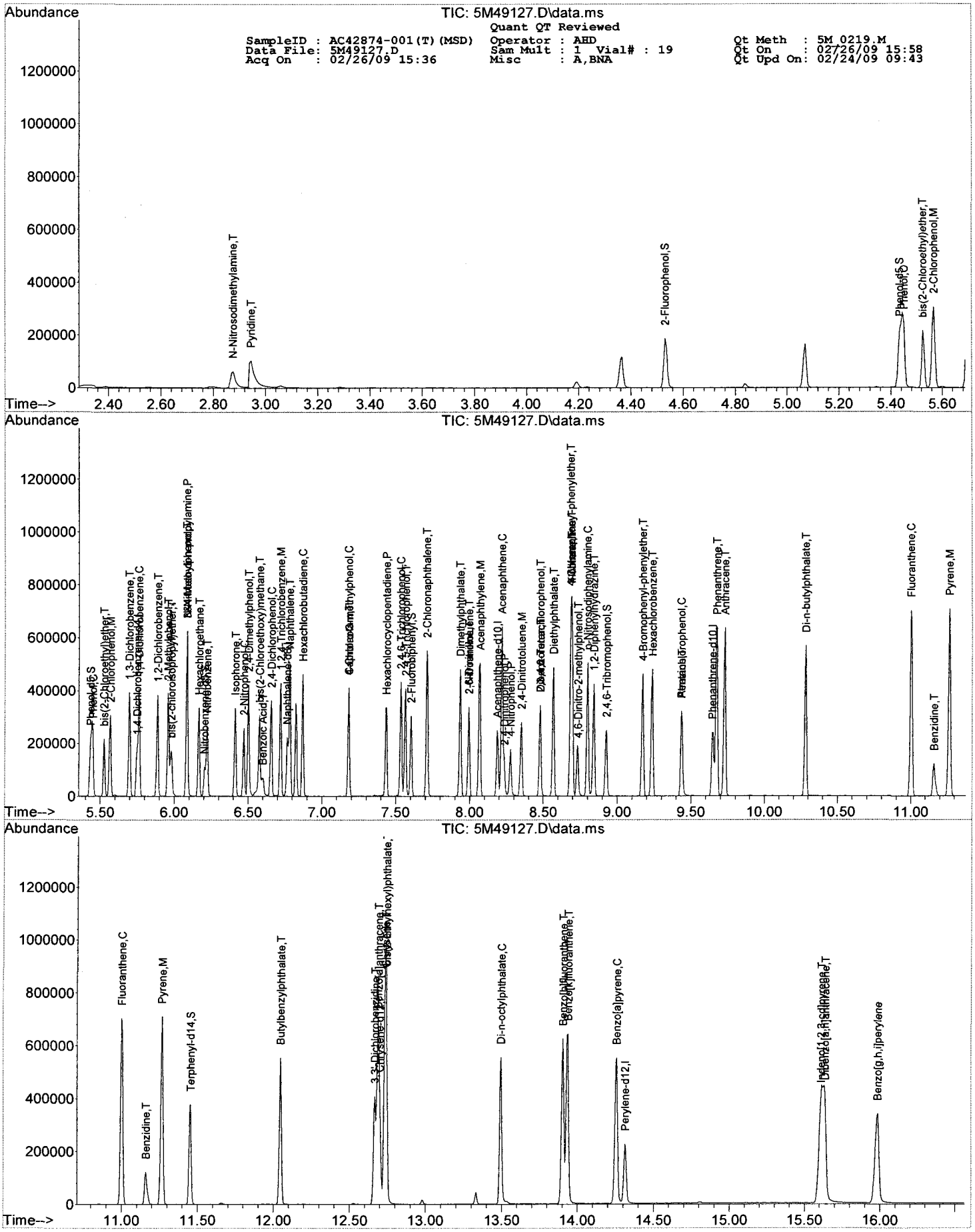
Quantitation Report (QT Reviewed)

SampleID : AC42874-001(T)(MSD) Operator : AHD Qt Meth : 5M_0219.M
Data File: 5M49127.D Sam Mult : 1 Vial# : 19 Qt On : 02/26/09 15:58
Acq On : 02/26/09 15:36 Misc : A,BNA Qt Upd On: 02/24/09 09:43

Data Path : G:\GcMsData\2009\GCMS_5\Data\02-26-09\
Qt Path : G:\GCMSDATA\2009\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
79) Di-n-butylphthalate	10.285	149	307024	97.78 ng	98
80) Fluoranthene	11.000	202	342455	97.93 ng	80
82) Pyrene	11.268	202	335033	90.59 ng	75
83) Benzidine	11.161	184	52931	65.36 ng	77
88) Butylbenzylphthalate	12.048	149	140056	101.30 ng	65
92) 3,3'-Dichlorobenzidine	12.667	252	98603	111.11 ng	94
93) Benzo[a]anthracene	12.689	228	327107	96.18 ng	99
94) Chrysene	12.737	228	309000	99.14 ng	97
95) bis(2-Ethylhexyl)phtha...	12.742	149	175079	103.23 ng	91
97) Di-n-octylphthalate	13.495	149	314864	105.01 ng	100
98) Benzo[b]fluoranthene	13.907	252	301599	93.78 ng	89
99) Benzo[k]fluoranthene	13.939	252	320173m	102.40 ng	
100) Benzo[a]pyrene	14.259	252	297365	99.24 ng	86
101) Indeno[1,2,3-cd]pyrene	15.611	276	348731	106.28 ng	65
102) Dibenzo[a,h]anthracene	15.638	278	287656	106.04 ng	79
103) Benzo[g,h,i]perylene	15.985	276	277444	102.46 ng	72

(#) = qualifier out of range (m) = manual integration (+) = signals summed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TIC: 5M49127.D\data.ms
Quant QT Reviewed
SampleID : AC42874-001(T)(MSD)
Data File: 5M49127.D
Acq On : 02/26/09 15:36
Operator : AHD
Sam Mult : 1 Vial# : 19
Misc : A,BNA
Qt Meth : 5M_0219.M
Qt On : 02/26/09 15:58
Qt Upd On: 02/24/09 09:43
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Phenol-d5,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
Time-->
Abundance
TIC: 5M49127.D\data.ms
Phenol-d5,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
1,2-Dichlorobenzene,T
bis(2-Chloroisopropyl)ether,T
Hexachloroethane,T
Nitrobenzene-d5,S
Isophorone,T
2-Nitrophenol,T
2,4-Dimethylphenol,T
Benzoic Acid,P
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene-d8,S
Naphthalene,T
Hexachlorobutadiene,C
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,P
2,4,6-Trichlorophenol,T
2-Fluorobiphenyl,S
2-Chloronaphthalene,T
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene-d10,I
Acenaphthene,C
2,4-Dinitrophenol,P
4-Nitrophenol,P
2,4-Dinitrotoluene,M
Fluorene,C
Diethylphthalate,T
4-Chlorophenyl-phenylether,T
4,6-Dinitro-2-methylphenol,T
N-Nitrosodiphenylamine,C
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Pentachlorophenol,C
Phenanthrene-d10,I
Phenanthrene,T
Anthracene,T
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->
Abundance
TIC: 5M49127.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
3,3'-Dichlorobenzidine,T
Benzo[a]anthracene,T
Chrysene-d12,I
Chrysene,C
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Indeno[1,2,3-cd]pyrene-d12,I
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene
Time-->

GC/MS Semi-Volatile Data
Logbook Data

RUN LOG

1-1-5M48935

Instrument: GCMS_5 Year: 2006 44
Analyst: AHD

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5M48935.	CAL DFTPP	Ed1=1.2:Oc	OK,V-60070	AHD		Aqueous	1	1		02/19 09:21
5M48936.	CAL BNA@50PPM	IsC16	NOT USED	AHD		Aqueous	1	1	625 8270	02/19 09:54
5M48937.	CAL BNA@196PPM	Oc	OK,V-61071	AHD		Aqueous	1	1	625 8270	02/19 10:17
5M48938.	CAL BNA@160PPM	Oc	OK,V-61070	AHD		Aqueous	1	1	625 8270	02/19 10:52
5M48939.	CAL BNA@120PPM		OK,V-61069	AHD		Aqueous	1	1	625 8270	02/19 11:15
5M48940.	CAL BNA@80PPM		OK,V-61068	AHD		Aqueous	1	1	625 8270	02/19 11:37
5M48941.	CAL BNA@50PPM		OK,V-61067	AHD		Aqueous	1	1	625 8270	02/19 11:59
5M48942.	CAL BNA@20PPM		OK,V-61066	AHD		Aqueous	1	1	625 8270	02/19 12:22
5M48943.	CAL BNA@10PPM	IsAoC16C18	RR	AHD		Aqueous	1	1	625 8270	02/19 12:45
5M48944.	CAL BNA@2PPM		OK,V-61073	AHD		Aqueous	1	1	625 8270	02/19 13:07
5M48945.	CAL BNA@10PPM		OK,V-61065	AHD		Aqueous	1	1	625 8270	02/19 13:57
5M48946.	ICV BNA@50PPM	Ivo	OK,V-61074	AHD		Aqueous	1	1	625 8270	02/19 14:20
5M48947.	WMB4050		OK	AHD		Aqueous	1	1	625 8270	02/19 14:43
5M48948.	WMB4050(MS)		OK WMB4050	AHD		Aqueous	1	1	625 8270	02/19 15:05
5M48949.	SMB4045(MS)		OK SMB4045	AHD		Soil	1	1	8270	02/19 15:28
5M48950.	SMB4045		OK	AHD		Soil	1	1	8270	02/19 15:50
5M48951.	AC42730-008		OK SMB4045	AHD	BNA25-8270	Soil	1	1	8270	02/19 16:13
5M48952.	AC42730-008(MS)		OK SMB4045	AHD	BNA25-8270	Soil	1	1	8270	02/19 16:35
5M48953.	AC42730-008(MSD)		OK SMB4045	AHD	BNA25-8270	Soil	1	1	8270	02/19 16:58
5M48954.	AC42730-009		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 17:20
5M48955.	AC42730-010		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 17:43
5M48956.	AC42730-012		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 18:05
5M48957.	AC42730-003		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 18:27
5M48958.	AC42730-004		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 18:50
5M48959.	AC42730-005		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 19:12
5M48960.	AC42730-006		OK	AHD	BNA25-8270	Soil	1	1	8270	02/19 19:34
5M48961.	AC42680-001(T)	Esm	OK	AHD	BNATCLP-82	Aqueous	1	1	8270	02/19 19:57
5M48962.	AC42724-001(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	02/19 20:19
5M48963.	AC42750-009(R)	Sa6	EXTRACT AS BNA	AHD	BNA25-625	Aqueous	1	1	625	02/19 20:41
5M48964.	AC42756-002		OK	AHD	BN-625	Aqueous	1	1	625	02/19 21:03
5M48965.	AC42756-003		OK	AHD	BN-625	Aqueous	1	1	625	02/19 21:25
5M48966.	AC42756-004		OK	AHD	BN-625	Aqueous	1	1	625	02/19 21:48
5M48967.	AC42756-005		OK	AHD	BN-625	Aqueous	1	1	625	02/19 22:10
5M48968.	AC42756-006		OK	AHD	BN-625	Aqueous	1	1	625	02/19 22:32
5M48969.	AC42733-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/19 22:54
5M48970.	AC42733-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/19 23:16
5M48971.	AC42734-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/19 23:38
5M48972.	AC42734-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/20 00:00
5M48973.	AC42760-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/20 00:23
5M48974.	AC42760-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/20 00:45
5M48975.	AC42762-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/20 01:07
5M48976.	AC42762-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/20 01:29

Anc	Area Not Checked
Ao	Area Out
B6m	Blank 600 series missing
B8m	Blank 8000 series missing
Bnf	Blank Not Found/Assigned
C16	Calibration Column 1 Out (600 Series)
C18	Calibration Column 1 Out (8000 Series)
C26	Calibration Column 2 Out (600 Series)
C28	Calibration Column 2 Out (8000 Series)
C6f	600 series sample/blank did not have passing cal
C8f	8000 series sample/blank did not have passing cal
Cme	Ending Cal missing for sample (8000 series)
Cn	Calibration Not Checked for sample/blank/eval
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals
Dnc	Drift Not Checked
Do	Drift Out
Eba	An Extraction Before Collection Date
Emp	Problem Checking Prep/rundates modcheckprepruncds
En	Eval Time Not Checked

Eo	Extraction Performed Past Hold
Esm	Solvent Extraction Date Missing/Not check'd
Etn	Tclo/Solvent Extraction Date Missing/Not check'd
Eto	Tclo Extraction Performed Outside of Hold
Ev	Eval Time Exceeded
Hb	Analysis Before Collection Date
Ho	Sample Analyzed outside of hold time
I16 I26	Initial cal 600 series failed Column 1 and or 2
I18 I28	Initial cal 8000 series failed Column 1 and or 2
Is	Initial Cal Not Checked
Iv	Prob with calrpt csv for init calibration chek rls
Iw	Initial cal warning Ini cal file <> method
Ix	Initial Cal Files Not Updated Properly for a sampl
M16 M26	Spike Out Col 1 and or Col 2 600 series
M16a M16b	Spike Out Col 1 600 series Acid and or BN
M18 M28	Spike Out Col 1 and or Col 2 8000 series
M18a M18b	Spike Out Col 1 8000 series Acid and or BN
Mnc	Spike Not Checked for this ms/msd
Oc	Warning Compound(s) Over Calibration

Co	Warning Possible Carry Over
EvF	Eval Mix Failed
Evnc	Eval Mix Not Checked
Evrc	Eval Mix missing ddt or endrin
R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
Ro	Retention Time Out Or %Diff Out
Rtn	Can't Calculate Drift
S6	600 series surrogate out
S8	8000 series surrogate out
Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Sd	Surrogate Diluted Out
Snc	Surrogate Not Checked
Ti5	Outside of 500 series Tune time
Ti6	Outside of 600 series Tune time/Cal Time
Ti8	Outside of 8000 series Tune time/Cal Time
Tm	Too Many Samples/ for beginning Calibration
Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_5 Year: 20Q645
Analyst: AHD

1-1-5M49109

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5M49109.	CAL DFTPP	Ed1=1;Oc	OK,V-60070	AHD		Aqueous	1	1		02/26 08:52
5M49110.	CAL BNA@50PPM		OK,V-61067	AHD		Aqueous	1	1	625 8270	02/26 09:16
5M49111.	WMB4056		OK	AHD		Aqueous	1	1	625 8270	02/26 09:42
5M49112.	WMB4056(MS)		OK WMB4056	AHD		Aqueous	1	1	625 8270	02/26 10:04
5M49113.	AC42869-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/26 10:26
5M49114.	AC42869-002(10X)		OK	AHD	BN15-625	Aqueous	10	10	625	02/26 10:48
5M49115.	AC42869-003(10X)	Oc	RR 30X	AHD	BN15-625	Aqueous	10	10	625	02/26 11:10
5M49116.	AC42869-004(20X)	Oc	RR 60X	AHD	BN15-625	Aqueous	20	20	625	02/26 11:32
5M49117.	AC42857-006(2X)(R)		OK	AHD	BNA25-625	Aqueous	2	2	625	02/26 11:54
5M49118.	AC42869-003(30X)		OK	AHD	BN15-625	Aqueous	30	30	625	02/26 12:16
5M49119.	AC42857-004(R)		OK	AHD	BNA25-625	Aqueous	1	1	625	02/26 12:38
5M49120.	AC42849-004(R)		OK	AHD	BN-8270	Aqueous	1	1	8270	02/26 13:01
5M49121.	AC42849-005(R)		OK	AHD	BN-8270	Aqueous	1	1	8270	02/26 13:23
5M49122.	AC42869-004(60X)	Sd	OK	AHD	BN15-625	Aqueous	60	60	625	02/26 13:45
5M49123.	WMB4057(MS)		OK WMB4057	AHD		Aqueous	1	1	625 8270	02/26 14:07
5M49124.	WMB4057		OK	AHD		Aqueous	1	1	625 8270	02/26 14:29
5M49125.	AC42874-001(T)		OK WMB4057	AHD	BNATCLP-82	Aqueous	1	1	8270	02/26 14:52
5M49126.	AC42874-001(T)(MS)		OK WMB4057	AHD	BNATCLP-82	Aqueous	1	1	625 8270	02/26 15:14
5M49127.	AC42874-001(T)(MSD)		OK WMB4057	AHD	BNATCLP-82	Aqueous	1	1	625 8270	02/26 15:36
5M49128.	AC42894-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/26 15:59
5M49129.	AC42894-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/26 16:21
5M49130.	AC42873-001		OK	AHD	BN15-625	Aqueous	1	1	625	02/26 16:43
5M49131.	AC42873-002		OK	AHD	BN15-625	Aqueous	1	1	625	02/26 17:06
5M49132.	SMB4054		OK	JB		Soil	1	1	8270	02/26 17:28
5M49133.	AC42896-001		OK	JB	BN15-625	Aqueous	1	1	625	02/26 17:50
5M49134.	AC42918-010		OK	JB	BN15-8270	Soil	1	1	8270	02/26 18:13
5M49135.	AC42918-011		OK	JB	BN15-8270	Soil	1	1	8270	02/26 18:35
5M49136.	AC42918-012		OK	JB	BN15-8270	Soil	1	1	8270	02/26 18:57
5M49137.	AC42896-002		OK	JB	BN15-625	Aqueous	1	1	625	02/26 19:20
5M49138.	AC42897-002		OK	JB	BN15-625	Aqueous	1	1	625	02/26 19:42
5M49139.	AC42901-001	Sb6	RE-EXTRACT	JB	BN15-625	Aqueous	1	1	625	02/26 20:04
5M49140.	AC42901-002		OK	JB	BN15-625	Aqueous	1	1	625	02/26 20:26
5M49141.	AC42902-001		OK	JB	BN15-625	Aqueous	1	1	625	02/26 20:48
5M49142.	AC42902-002		OK	JB	BN15-625	Aqueous	1	1	625	02/26 21:11
5M49143.	AC42908-001		OK	JB	BN15-625	Aqueous	1	1	625	02/26 21:33
5M49144.	AC42924-008		OK	JB	BN15-625	Aqueous	1	1	625	02/26 21:55

Anc	Area Not Checked
Ao	Area Out
B6m	Blank 600 series missing
B8m	Blank 8000 series missing
Bnf	Blank Not Found/Assigned
C16	Calibration Column 1 Out (600 Series)
C18	Calibration Column 1 Out (8000 Series)
C26	Calibration Column 2 Out (600 Series)
C28	Calibration Column 2 Out (8000 Series)
C6f	600 series sample/blank did not have passing cal
C8f	8000 series sample/blank did not have passing cal
Cme	Ending Cal missing for sample (8000 series)
Cn	Calibration Not Checked for sample/blank/eval
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals
Dnc	Drift Not Checked
Do	Drift Out
Eba	An Extraction Before Collection Date
Emp	Problem Checking Prep/rundates modcheckpreprundate
En	Eval Time Not Checked

Eo	Extraction Performed Past Hold
Esm	Solvent Extraction Date Missing/Not check'd
Etn	Tnln/Solvent Extraction Date Missing/Not check'd
Eto	Tnln Extraction Performed Outside of Hold
Ev	Eval Time Exceeded
Hb	Analysis Before Collection Date
Ho	Sample Analyzed outside of hold time
I16 I26	Initial cal 600 series failed Column 1 and or 2
I18 I28	Initial cal 8000 series failed Column 1 and or 2
Is	Initial Cal Not Checked
Iv	Prob with calrpt csv for init calibration chek rfs
Iw	Initial cal warning Ini cal file <> method
Ix	Initial Cal Files Not Updated Properly for a sampl
M16 M26	Spike Out Col 1 and or Col 2 600 series
M16a M16b	Spike Out Col 1 600 series Acid and or BN
M18 M28	Spike Out Col 1 and or Col 2 8000 series
M18a M18b	Spike Out Col 1 8000 series Acid and or BN
Mnc	Spike Not Checked for this ms/msd
Oc	Warning Compound(s) Over Calibration

Co	Warning Possible Carry Over
EvF	Eval Mix Failed
Evnc	Eval Mix Not Checked
Evrc	Eval Mix missing ddt or endrin
R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
Ro	Retention Time Out Or %Diff Out
Rtn	Can't Calculate Drift
S6	600 series surrogate out
S8	8000 series surrogate out
Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Sd	Surrogate Diluted Out
Snc	Surrogate Not Checked
Ti5	Outside of 500 series Tune time
Ti6	Outside of 600 series Tune time/Cal Time
Ti8	Outside of 8000 series Tune time/Cal Time
Tm	Too Many Samples/ for beginning Calibration
Tmw	If for 600 ser Too many samples begin Calibratinn

RUN LOG

Instrument: GCMS_10 Year: 2006 46
Analyst: AHD

1-1-10M03253

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
10M03253.	CAL DFTPP	Ed1=0.52:Oc	OK,V-60070	AHD		Aqueous	1	1		03/03 06:57
10M03254.	CAL BNA@196PPM	Oc	OK,V-61775	AHD		Aqueous	1	1	625 8270	03/03 07:54
10M03255.	CAL BNA@160PPM	Oc	OK,V-61774	AHD		Aqueous	1	1	625 8270	03/03 08:16
10M03256.	CAL BNA@120PPM		OK,V-61773	AHD		Aqueous	1	1	625 8270	03/03 08:38
10M03257.	CAL BNA@80PPM		OK,V-61772	AHD		Aqueous	1	1	625 8270	03/03 09:00
10M03258.	CAL BNA@50PPM		OK,V-61771	AHD		Aqueous	1	1	625 8270	03/03 09:22
10M03259.	CAL BNA@20PPM		OK,V-61770	AHD		Aqueous	1	1	625 8270	03/03 09:49
10M03260.	CAL BNA@10PPM		OK,V-61769	AHD		Aqueous	1	1	625 8270	03/03 10:10
10M03261.	CAL BNA@2PPM		OK,V-61777	AHD		Aqueous	1	1	625 8270	03/03 10:32
10M03262.	ICV BNA@50PPM	Ivolvo	OK,V-61074	AHD		Aqueous	1	1	625 8270	03/03 10:54
10M03263.	WMB4058		OK	AHD		Aqueous	1	1	625 8270	03/03 11:16
10M03264.	WMB4059		OK	AHD		Aqueous	1	1	625 8270	03/03 11:38
10M03265.	AC42940-001		OK	AHD	BNA25-625	Aqueous	1	1	625	03/03 12:00
10M03266.	AC42940-003		OK	AHD	BNA25-625	Aqueous	1	1	625	03/03 12:22
10M03267.	AC42940-005		OK	AHD	BNA25-625	Aqueous	1	1	625	03/03 12:45
10M03268.	AC42940-007		OK	AHD	BNA25-625	Aqueous	1	1	625	03/03 13:07
10M03269.	AC42940-009		OK	AHD	BNA25-625	Aqueous	1	1	625	03/03 13:29
10M03270.	AC42940-011		OK	AHD	BNA25-625	Aqueous	1	1	625	03/03 13:51
10M03271.	AC42940-013		OK	AHD	BNA25-625	Aqueous	1	1	625	03/03 14:13
10M03272.	AC42940-029		OK	AHD	BNA25-625	Aqueous	1	1	625	03/03 14:35
10M03273.	AC42940-015		ON HOLD	AHD	ERROR	Aqueous	1	1	625 8270	03/03 14:57
10M03274.	AC42940-017		ON HOLD	AHD	ERROR	Aqueous	1	1	625 8270	03/03 15:19
10M03275.	AC42940-019		ON HOLD	AHD	ERROR	Aqueous	1	1	625 8270	03/03 15:41
10M03276.	AC42940-021		ON HOLD	AHD	ERROR	Aqueous	1	1	625 8270	03/03 16:03
10M03277.	SMB4057		OK	AHD		Soil	1	1	8270	03/03 16:25
10M03278.	AC42830-003	Oc	RR 3X	AHD	BN15-8270	Soil	1	1	8270	03/03 16:47
10M03279.	AC42982-001		OK	AHD	BNA25-8270	Soil	1	1	8270	03/03 17:09
10M03280.	AC42982-002		OK	AHD	BNA25-8270	Soil	1	1	8270	03/03 17:31
10M03281.	AC42830-004(3X)		OK	AHD	BN15-8270	Soil	3	3	8270	03/03 17:53
10M03282.	AC42830-006(3X)		OK	AHD	BN15-8270	Soil	3	3	8270	03/03 18:15
10M03283.	TEST					Soil	1	1	8270	03/03 18:37
10M03284.	TEST	Ti8				Soil	1	1	8270	03/03 18:59

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclo/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclo Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	Ao Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	Problem Checking Preo/rundates modcheckprerunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_5 Year: 2003
Analyst: AHD

1-1-5M49154

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5M49154.	CAL DFTPP	Ed1=0.47:Oc	OK,V-60070	AHD		Aqueous	1	1		03/03 06:59
5M49155.	CAL BNA@196PPM	Oc	OK,V-61775	AHD		Aqueous	1	1	625 8270	03/03 07:57
5M49156.	CAL BNA@160PPM	Oc	OK,V-61774	AHD		Aqueous	1	1	625 8270	03/03 08:19
5M49157.	CAL BNA@120PPM		OK,V-61773	AHD		Aqueous	1	1	625 8270	03/03 08:48
5M49158.	CAL BNA@80PPM		OK,V-61772	AHD		Aqueous	1	1	625 8270	03/03 09:32
5M49159.	CAL BNA@50PPM		OK,V-61771	AHD		Aqueous	1	1	625 8270	03/03 09:54
5M49160.	CAL BNA@20PPM		OK,V-61770	AHD		Aqueous	1	1	625 8270	03/03 10:16
5M49161.	CAL BNA@10PPM		OK,V-61769	AHD		Aqueous	1	1	625 8270	03/03 10:38
5M49162.	CAL BNA@2PPM		OK,V-61777	AHD		Aqueous	1	1	625 8270	03/03 11:00
5M49163.	ICV BNA@50PPM	Ivo	OK,V-61074	AHD		Aqueous	1	1	625 8270	03/03 11:23
5M49164.	WMB4058		OK	AHD		Aqueous	1	1	625 8270	03/03 11:46
5M49165.	WMB4059		OK	AHD		Aqueous	1	1	625 8270	03/03 12:09
5M49166.	WMB4058(MS)		OK WMB4058	AHD		Aqueous	1	1	625 8270	03/03 12:31
5M49167.	WMB4059(MS)		OK WMB4059	AHD		Aqueous	1	1	625 8270	03/03 12:53
5M49168.	AC42945-001(T)		OK WMB4059	AHD	BNATCLP-82	Aqueous	1	1	8270	03/03 13:15
5M49169.	AC42945-001(T)(MS)		OK WMB4059	AHD	BNATCLP-82	Aqueous	1	1	625 8270	03/03 13:37
5M49170.	AC42945-001(T)(MSD)		OK WMB4059	AHD	BNATCLP-82	Aqueous	1	1	625 8270	03/03 13:59
5M49171.	AC42945-002(T)		OK	AHD	BNATCLP-82	Aqueous	1	1	8270	03/03 14:22
5M49172.	AC42901-001(R)		OK	AHD	BN15-625	Aqueous	1	1	625	03/03 14:44
5M49173.	AC42925-017	Sb6	RE-EXTRACT	AHD	BN15-625	Aqueous	1	1	625	03/03 15:06

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Go	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endjoo Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Extraction of Semi-volatile - Aqueous
Method 3510 C

Method Blank No. WMB- 4057 Date: 2/26/09
Blank Spike (MBS): 4055; 4057 Matrix Spike: 42874-001
42833-007

Sample Number	Number in Batch	Initial Volume	Final Volume	Fraction			Extracted By/ Comments	Ext. by	TCLP QC	Extract Fluid
				BN	BNA	AE				
MB 4057	X	1000 mL	1.0 mL		X			JA	42874-	EF-1
MBS 4057	X	↓	↓		↓				-001	V-61190
42873-001	11	900		X						
42873-002	12	950								
42894-001	13	920								
42894-002	14	920								
42896-001	15	1000								
42896-002	16	↓								
42897-002	17	↓								
42901-001	18	920					BAD MATRIX			
42901-002	19	950								
42908-001	20	1000		↓			BAD MATRIX			
MS 42874-001	X	250			X					
MSD 42874-001	X	↓			↓					
42874-001	↓	↓			↓				1	5
42902-001	2	950		X			BAD MATRIX			
42902-002	3	930		↓				↓		
42924-008	4	980	↓	↓						

Spike Standard

Vol (ul's)	Conc. (ppm/~~ppb~~)	Lot No.	
50	2000	V3752	BN SPK
		V3122	ACID COMP
↓	↓	V50966	PYRIDINE

Surrogate Standard

Vol (ul's)	Conc. (ppm/~~ppb~~)	Lot No.	
50	1000/2000	V-44166	BN SURR

Reagent Lots: MeCL2 V3858 Acetone _____ Hexane _____ Na2SO4 V3780

Other _____

Relinquished By: JA Date: 2/26/09
Received By: _____ Date: 02/26/09

Extraction of Semi-volatile - Aqueous
Method 3510 C

Method Blank No. WMB- 4058 Date: 2/27/09
Blank Spike (MBS): 4057 Matrix Spike: 42874-001

Sample Number	Number in Batch	Initial Volume	Final Volume	Fraction			Extracted By/ Comments	Ext. by	TCLP QC	Extract Fluid
				BN	BNA	AE				
MB4058	x	1000ml	1.0ml		x			RSL		
MBS4058		↓								
42940-001	5	900 ml								
42940-003	6									
42940-005	7									
42940-007	8									
42940-009	9									
42940-011	10									
42940-013	11									
42940-029	12	↓	↓		↓			↓		
42925-017	13	1000ml	.5ml	x			bad matrix			
42925-018	14	500ml	↓	↓						

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
5.0	200 ppm	V-3252	BN C/S
↓	↓	V-3122	Acid Comp.
		150862	Pyridine

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	1000 ppm	V-4466	BN Surr.

Reagent Lots: MeCL2 V-3858 Acetone _____ Hexane _____ Na2SO4 V-3780

Other _____

Relinquished By: RSL Date: 2/27/09
Received By: GJM Date: 02/27/09

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3780

Description
Sodium Sulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Seidler	140104	401203	12/09/08	12/08/10	Lopez, Jose	4	100lb	neat	neat

Veritech Control/Receipt Number: 3858

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G54403	01/20/09	01/19/11	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3122

Description
ACID COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	B7080296	03/04/08	09/04/10	Revolus, Jean	10	1ML	2000	PPM

Veritech Control/Receipt Number: 3752

Description
BASE/NEUTRAL COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-BN-PAK	B8050140	11/20/08	05/22/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-41906

Prepared By: Hamid, Akmal
Description: DFTPP STOCK STD.
Prep Date: 4/1/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3202	methylene chloride	5 ml	neat neat	
3203	DFTPP	.01 g	neat	2000 ppm

Veritech Lot Number: V-42748

Prepared By: Hamid,Akmal
Description: BNA-5 MIX
Prep Date: 4/16/2008
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2176	PENTACHLOROETHANE	.05 g	NEAT	5000 ppm
2394	n-Octadecane	.05 g	NEAT	5000 ppm
2395	n-Decane	.05 g	NEAT	5000 ppm
2185	BIPHENYL	.05 g	NEAT	5000 ppm
866	1,4-Dimethlnaphthlene	.05 g	neat	5000 ppm
3211	methylene chloride	10 ml	neat neat	5000

Veritech Lot Number: V-44166

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 5/6/2008
Expiration Date: 5/5/2009
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1690	2-Fluorobiphenyl	1 g	Neat neat	1000 ppm
2930	p-Terphenyl-d14	1 g	neat neat	1000 ppm
2586	Phenol-d5	2 g	neat neat	2000 ppm
2874	2-FLUOROPHENOL	1.6 ml	NEAT neat	2000 ppm
2585	2,4,6-Tribromophenol	2 g	Neat neat	2000 ppm
2584	Nitrobenzene-d5	800 ul	Neat neat	1000 ppm
3301	Acetone	1000 ml	neat neat	

Veritech Lot Number: V-47682

Prepared By: Hamid, Akmal
Description: BNA Internal Std.
Prep Date: 7/8/2008
Expiration Date: 7/7/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2613	Chrysene	1 g	neat neat	2000 ppm
2614	Perylene-d12	1 g	neat neat	2000 ppm
2612	Phenanthrene-d10	1 g	neat neat	2000 ppm
2616	Acenaphthene-d10	1 g	neat neat	2000 ppm
2611	Naphthalene-d8	1 g	neat neat	2000 ppm
2615	1,4-Dichlorobenzene-d4	1 g	neat neat	2000 ppm
3398	methylene chloride	500 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-50966

Prepared By: Hamid,Akmal
Description: Pyridine Spiking Std.
Prep Date: 8/28/2008
Expiration Date: 6/29/2009
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3428	PRYDINE	200 ul	neat neat	2000 ppm
3479	Acetone	100 ml	neat neat	

Veritech Lot Number: V-53065

Prepared By: Hamid,Akmal
Description: BNA-Pest Mix
Prep Date: 10/1/2008
Expiration Date: 10/1/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3639	4.4'-DDT	.01 g	NEAT	1000 ppm
3640	4.4'-DDD	.01 g	NEAT	1000 ppm
3641	4.4'-DDE	.01 g	NEAT	1000 ppm
3642	ENDRIN	.01 g	NEAT	1000 ppm
3643	Endrin aldehyde	.01 g	NEAT	1000 ppm
3644	Endrin ketone	.01	NEAT	1000 ppm
3650	Methylene Chlroide	10 ml	neat neat	

Veritech Lot Number: V-58452

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3790	methlyene chloride	10 ml	neat neat	

Veritech Lot Number: V-58453

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1(2nd Source)
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3792	Acetone	10 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58572

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#2
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2185	BIPHENYL	.1 g	NEAT	10000 ppm
2176	PENTACHLOROETHANE	.1 g	NEAT	10000 ppm
1886	CARBAZOLE	.1 g	NEAT	10000 ppm
2395	n-Decane	.1 g	NEAT	10000 ppm
2394	n-Octadecane	.1 g	NEAT	10000 ppm
866	1,4-Dimethlnaphthlene	.1 g	neat	10000 ppm
3792	Acetone	10 ml	neat neat	
3803	PYRIDINE	.1 g	NEAT neat	10000 ppm

Veritech Lot Number: V-58577

Prepared By: Hamid, Akmal
Description: CLP MIX
Prep Date: 1/7/2009
Expiration Date: 7/6/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3790	methlyene chloride	800 ul	neat neat	
V-58453	8270 EXTRA MIX#1(2nd Source)	100 ul	10000 ppm	1000 ppm
V-58572	8270 EXTRA MIX#2	100 ul	10000 ppm	1000 ppm

Veritech Lot Number: V-58578

Prepared By: Hamid, Akmal
Description: BN MIX
Prep Date: 1/7/2009
Expiration Date: 5/22/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3751	TOXIC SUBSTANCES MIX#2	5 ml	2000 ppm	1000 ppm
3752	BASE/NEUTRAL COMP MIX	5 ml	2000 ppm	1000 ppm

Veritech Lot Number: V-59624

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 1/26/2009
Expiration Date: 1/25/2010
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1690	2-Fluorobiphenyl	1 g	Neat neat	1000 ppm
2930	p-Terphenyl-d14	1 g	neat neat	1000 ppm
2586	Phenol-d5	2 g	neat neat	2000 ppm
2874	2-FLUOROPHENOL	1.6 ml	NEAT neat	2000 ppm
2585	2,4,6-Tribromophenol	2 g	Neat neat	2000 ppm
2584	Nitrobenzene-d5	800 ul	Neat neat	1000 ppm
3792	Acetone	1000 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60070

Prepared By: Hamid, Akmal
Description: DFTPP Mix
Prep Date: 2/2/2009
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 4 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-41906	DFTPP STOCK STD.	100 ul	2000 ppm	50 ppm
3790	methlyene chloride	2900 ul	neat neat	
3222	DDT/Endrin Mix	800 ul	500 ppm	100 ppm
3879	TCL Phenol/Benzidines Mix	200 ul	2000 ppm	100 ppm

Veritech Lot Number: V-61007

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.A
Prep Date: 2/17/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 250 ppm
Final Volume: 1.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3648	8270 MegaMix	300 ul	1000 ppm	250 ppm
V-53065	BNA-Pest Mix	300 ul	1000 ppm	50 ppm
3413	Benzoic Acid mix	150 ul	2000 ppm	250 ppm
3539	605 benzidines cal mix	150 ul	2000 ppm	250 ppm
V-42748	BNA-5 MIX	60 ul	5000 ppm	250 ppm
V-59624	BNA Surrog.Std.	150 ul	1000-2000 pp	125-250 pp
3904	methylene chloride	90 ul	neat neat	

Veritech Lot Number: V-61064

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 500 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61007	BNA STOCK Std.A	400 ul	250 ppm	200 ppm
V-58452	8270 EXTRA MIX#1	10 ul	10000 ppm	200 ppm
3904	methylene chloride	90 ul	neat neat	

Veritech Lot Number: V-61065

Prepared By: Hamid, Akmal
Description: BNA 10 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 10 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	93 ul	neat neat	

Veritech Lot Number: V-61066

Prepared By: Hamid, Akmal
Description: BNA 20 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 20 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	10 ul	200 ppm	25 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	88 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61067

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-47682	BNA Internal Std.	4 ul	2000 ppm	40 ppm
V-61064	BNA STOCK Std.	50 ul	200 ppm	50 ppm
3904	methylene chloride	146 ul	neat neat	

Veritech Lot Number: V-61068

Prepared By: Hamid, Akmal
Description: BNA 80 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 80 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	58 ul	neat neat	

Veritech Lot Number: V-61069

Prepared By: Hamid, Akmal
Description: BNA 120 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 120 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	38 ul	neat neat	

Veritech Lot Number: V-61070

Prepared By: Hamid, Akmal
Description: BNA 160 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 160 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	18 ul	neat neat	

Veritech Lot Number: V-61071

Prepared By: Hamid, Akmal
Description: BNA 196 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 196 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	98 ul	200 ppm	196 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	0	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61072

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61064	BNA STOCK Std.	50 ul	200 ppm	50 ppm
3904	methylene chloride	150 ul	neat neat	

Veritech Lot Number: V-61073

Prepared By: Hamid, Akmal
Description: BNA 2 ppm curve
Prep Date: 2/18/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5225
Concentration: 2 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61072	BNA 50 ppm curve	4 ul	50 ppm	1 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	94 ul	neat neat	

Veritech Lot Number: V-61074

Prepared By: Hamid, Akmal
Description: BNA ICV CAL@50PPM
Prep Date: 2/18/2009
Expiration Date: 5/5/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 0.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3904	methylene chloride	155 ul	neat neat	
V-58577	CLP MIX	10 ul	1000 ppm	50 ppm
V-58578	BN MIX	10 ul	1000 ppm	50 ppm
V-47682	BNA Internal Std.	4 ul	2000 ppm	40 ppm
V-59624	BNA Surrog.Std.	5	1000-2000 pp	50-100 ppm
3753	ACID COMP MIX	5	2000 ppm	50 ppm

Veritech Lot Number: V-61768

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.
Prep Date: 3/3/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 500 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61007	BNA STOCK Std.A	400 ul	250 ppm	200 ppm
V-58452	8270 EXTRA MIX#1	10 ul	10000 ppm	200 ppm
3904	methylene chloride	90 ul	neat neat	

Veritech Lot Number: V-61769

Prepared By: Hamid, Akmal
Description: BNA 10 ppm curve
Prep Date: 3/3/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5297
Concentration: 10 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61768	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	93 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61770

Prepared By: Hamid, Akmal
Description: BNA 20 ppm curve
Prep Date: 3/3/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5297
Concentration: 20 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61768	BNA STOCK Std.	10 ul	200 ppm	25 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	88 ul	neat neat	

Veritech Lot Number: V-61771

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 3/3/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5297
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-47682	BNA Internal Std.	4 ul	2000 ppm	40 ppm
3904	methylene chloride	146 ul	neat neat	
V-61768	BNA STOCK Std.	50 ul	200 ppm	50 ppm

Veritech Lot Number: V-61772

Prepared By: Hamid, Akmal
Description: BNA 80 ppm curve
Prep Date: 3/3/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5297
Concentration: 80 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61768	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	58 ul	neat neat	

Veritech Lot Number: V-61773

Prepared By: Hamid, Akmal
Description: BNA 120 ppm curve
Prep Date: 3/3/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5297
Concentration: 120 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61768	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	38 ul	neat neat	

Veritech Lot Number: V-61774

Prepared By: Hamid, Akmal
Description: BNA 160 ppm curve
Prep Date: 3/3/2009
Expiration Date: 4/15/2009
Department: Organics
BatchNumber: B-5297
Concentration: 160 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61768	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	18 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61775

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 196 ppm curve	BatchNumber:	B-5297
Prep Date:	3/3/2009	Concentration:	196 ppm
Expiration Date:	4/15/2009	Final Volume:	100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61768	BNA STOCK Std.	98 ul	200 ppm	196 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	0	neat neat	

Veritech Lot Number: V-61776

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 50 ppm curve	BatchNumber:	B-5297
Prep Date:	3/3/2009	Concentration:	50 ppm
Expiration Date:	4/15/2009	Final Volume:	200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3904	methylene chloride	150 ul	neat neat	
V-61768	BNA STOCK Std.	50 ul	200 ppm	50 ppm

Veritech Lot Number: V-61777

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 2 ppm curve	BatchNumber:	B-5297
Prep Date:	3/3/2009	Concentration:	2 ppm
Expiration Date:	4/15/2009	Final Volume:	100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61776	BNA 50 ppm curve	4 ul	50 ppm	1 ppm
V-47682	BNA Internal Std.	2 ul	2000 ppm	40 ppm
3904	methylene chloride	94 ul	neat neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 866

Description
1,4-Dimethlnaphthlene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	D17,030-5	14523CZ	11/18/97	11/25/10	Akmal	1	1ml	neat	

Veritech Control/Receipt Number: 1430

Description
Benzaldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	B1334-2G	08505LB	02/20/04	02/20/11	Hamid, Akmal	1	2G	Neat	Neat

Veritech Control/Receipt Number: 1431

Description
E-Caprolactam

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	C2204-5G	05824JI	02/20/04	02/20/11	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 1690

Description
2-Fluorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	102741-2.5	18309PD	05/02/06	05/07/10	Hamid, Akmal	2	2.5g	Neat	Neat

Veritech Control/Receipt Number: 1809

Description
DIPHENYL ETHER

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	240834-5G	09303PC	06/23/06	06/23/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1810

Description
1,2,4,5-TETRACHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	131857-5G	06024AI	06/27/06	06/27/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1886

Description
CARBAZOLE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2001	364-113C	08/09/06	07/31/11	Revolus, Jean	1	2G	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2176

Description
PENTACHLOROETHANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F937	376-75A	01/22/07	01/31/12	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2184

Description
ATRAZINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2208	348-144A	01/29/07	10/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2185

Description
BIPHENYL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F1062	348-144A	01/29/07	10/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2394

Description
n-Octadecane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2188	381-22A	05/03/07	04/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Control/Receipt Number: 2395

Description
n-Decane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2182	372-50A	05/03/07	11/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2584

Description
Nitrobenzene-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	151955	ST1692	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 2585

Description
2,4,6-Tribromophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	137715	14726KD	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2586

Description
Phenol-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	425370	EW0108	06/24/07	04/03/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2611

Description
Naphthalene-d8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-365	PR-15554/07164NP1	07/10/07	04/16/12	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2612

Description
Phenanthrene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-371	PR-17315	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2613

Description
Chrysene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-261-001	PR-17865/01227CH	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2614

Description
Perylene-d12

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-366	PR-15096/08115PR1	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2616

Description
Acenaphthene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-108	PR-17277	07/10/07	04/16/12	Hamid, Akmal	2	2g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2874

Description
2-FLUOROPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	F12804-10G	01816PE	11/15/07	11/15/20	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 2930

Description
p-Terphenyl-d14

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	T82-84074	EW1627	12/06/07	12/05/12	Hamid, Akmal	5	500m	neat	neat

Veritech Control/Receipt Number: 3202

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T. Baker	9264-03	E42404	04/01/08	04/01/10	Lopez, Jose	72	4L	neat	neat

Veritech Control/Receipt Number: 3203

Description
DFTPP

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	442543	LB52744	04/01/08	10/31/10	Hamid, Akmal	1	100m	neat	

Veritech Control/Receipt Number: 3211

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G01404	04/01/08	04/01/10	Lopez, Jose	48	4L	neat	neat

Veritech Control/Receipt Number: 3222

Description
DDT/Endrin Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48282	LB52469	04/14/08	10/31/10	Revolus, Jean	2	1ml	500	PPM

Veritech Control/Receipt Number: 3301

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	E48E25	04/29/08	04/28/10	Lopez, Jose	32	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3398

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G01404	06/10/08	06/09/10	Lopez, Jose	120	4L	neat	neat

Veritech Control/Receipt Number: 3413

Description
Benzoic Acid mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31879	A057908	06/16/08	01/31/12	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 3428

Description
PRYDINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P368-500	080819	06/30/08	06/29/09	Miller,Gael E.	1	500ml	neat	neat

Veritech Control/Receipt Number: 3479

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G15E38	07/22/08	07/21/10	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3539

Description
605 benzidines cal mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31030	A060469	08/18/08	06/30/16	Hamid, Akmal	1	iml	2000	ppm

Veritech Control/Receipt Number: 3639

Description
4.4'-DDT

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F92	402-104B	09/26/08	06/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3640

Description
4.4'-DDD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F94	407-7A	09/26/08	07/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3641

Description
4.4'-DDE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F93	407-64A	09/26/08	08/31/14	Revolus, Jean	1	100m	NEAT	

Veritech Control/Receipt Number: 3642

Description
ENDRIN

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F98	402-16A	09/26/08	04/30/12	Revolus, Jean	1	250m	NEAT	

Veritech Control/Receipt Number: 3643

Description
Endrin aldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F99	390-94A	09/26/08	10/31/10	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3644

Description
Endrin ketone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2022	390-21B	09/26/08	09/30/11	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3648

Description
8270 MegaMix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31850	A062641	09/30/08	02/28/10	Hamid, Akmal	1	1ml	1000	ppm

Veritech Control/Receipt Number: 3650

Description
Methylene Chlroride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G33403	09/30/08	09/29/10	Lopez, Jose	120	4L	neat	

Veritech Control/Receipt Number: 3751

Description
TOXIC SUBSTANCES MIX#2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	Z-014E-PAK	B7070275	11/20/08	07/25/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3752

Description
BASE/NEUTRAL COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-BN-PAK	B8050140	11/20/08	05/22/09	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3753

Description
ACID COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	B8060099	11/20/08	06/10/11	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 3790

Description
methlyene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926403	G454003	12/23/08	12/22/10	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Control/Receipt Number: 3792

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G44E07	12/23/08	12/22/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3798

Description
ACETOPHENONE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-821	383-95A	01/02/09	06/30/12	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 3803

Description
PYRIDINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	P368-500	085002	01/06/09	01/05/12	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3879

Description
TCL Phenol/Benzidines Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47992-U	LB59885	01/27/09	07/31/11	Hamid, Akmal	3	1ml	2000	ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3904

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G45403	02/03/09	02/02/11	Lopez, Jose	120	4L	neat	neat

GC PCB Data

GC PCB Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 608

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
5G20606.D	WMB3478	Aqueous	02/19/09 08:10	1		97	101	99	99		
5G20792.D	WMB3486	Aqueous	02/27/09 08:13	1		107	108	83	77		
5G20794.D	AC42940-001	Aqueous	02/27/09 08:50	1		96	89	100	94		
5G20795.D	AC42940-003	Aqueous	02/27/09 09:08	1		97	98	96	91		
5G20796.D	AC42940-005	Aqueous	02/27/09 09:26	1		115	119	115	109		
5G20797.D	AC42940-007	Aqueous	02/27/09 09:44	1		76	74	69	66		
5G20798.D	AC42940-009	Aqueous	02/27/09 10:02	1		68	69	72	67		
5G20799.D	AC42940-011	Aqueous	02/27/09 10:20	1		98	101	93	86		
5G20801.D	AC42940-013	Aqueous	02/27/09 10:57	1		81	88	74	69		
5G20800.D	AC42940-029	Aqueous	02/27/09 10:38	1		90	91	83	78		
5G20607.D	WMB3478(MS	Aqueous	02/19/09 08:28	1		98	106	105	105		
5G20608.D	AC42729-001(	Aqueous	02/19/09 08:46	1		104	107	62	62		
5G20609.D	AC42729-001(	Aqueous	02/19/09 09:04	1		95	99	63	63		
5G20610.D	AC42729-001	Aqueous	02/19/09 09:23	1		109	112	58	58		
5G20793.D	WMB3486(MS	Aqueous	02/27/09 08:31	1		101	100	96	92		

MJ 3/2/09

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 608

Aqueous Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	36-144
S2=TCMX-Surrogate	100	36-144
S3=DCB-Surrogate	100	28-175
S4=DCB-Surrogate	100	28-175

Form3

MBS Data

Method: 608

Data File:==>					5G20793.D																		
Data/Batch/Sample ID:==>					WMB3486(MS)																		
Date/Time:==>					02/27/09 08:31																		
Compound	Limit(s) Soil	Limit(s) Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aroclor-1016		50-114	1	0	1071	1000	107												
Aroclor-1260		8-127	1	0	1052	1000	105												

Flags/Notes: **** - Values outside of limits for this column/run***

FORM 3

Spike Recovery

Batch Number: WMB3478
Mbs Name: WMB3478(MS)
Ns Name: AC42729-001
Ms Name: AC42729-001(MS)
Msd Name: AC42729-001(MSD

Mbs File: 5G20607.D
Non Spk'd File: 5G20610.D
Spike File: 5G20608.D
Spike Dup File: 5G20609.D
Matrix: Aqueous
Method: EPA 608

Mbs Date: 02/19/09 08:28
Non Spk'd Date: 02/19/09 09:23
Spike Date : 02/19/09 08:46
Spike Dup Date: 02/19/09 09:04

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Aroclor-1016	2	1	0	1000	50	114	24	1103.51	0.00	1139.03	1026.24	110	114	103	10
Aroclor-1260	7	1	0	1000	8	127	19	1110.78	0.00	1150.46	1025.59	111	115	103	11

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: WMB3478
Blank Data File: 5G20606.D
Matrix: Aqueous

Blank Analysis Date: 02/19/09 08:10
Blank Extraction Date: 02/18/09
(If Applicable)
Method: EPA 608

Sample Number	Data File	Analysis Date
AC42729-001	5G20610.D	02/19/09 09:23
AC42729-001(MSD	5G20609.D	02/19/09 09:04
AC42729-001(MS)	5G20608.D	02/19/09 08:46
WMB3478(MS)	5G20607.D	02/19/09 08:28

FORM 4
Blank Summary

Blank Number: WMB3486
Blank Data File: 5G20792.D
Matrix: Aqueous

Blank Analysis Date: 02/27/09 08:13
Blank Extraction Date: 02/26/09
(If Applicable)
Method: EPA 608

Sample Number	Data File	Analysis Date
AC42940-001	5G20794.D	02/27/09 08:50
AC42940-003	5G20795.D	02/27/09 09:08
AC42940-005	5G20796.D	02/27/09 09:26
AC42940-007	5G20797.D	02/27/09 09:44
AC42940-009	5G20798.D	02/27/09 10:02
AC42940-011	5G20799.D	02/27/09 10:20
AC42940-013	5G20801.D	02/27/09 10:57
AC42940-029	5G20800.D	02/27/09 10:38
WMB3486(MS)	5G20793.D	02/27/09 08:31

Form 5

Method: EPA 608

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20436.	CAL 1660@500PPB	02/12/09 07:54	Soil	5G20441.	13.0375	0	13.5759	0.0191
5G20437.	CAL 1660@4000PPB	02/12/09 08:13	Soil	5G20441.	13.0374	0.0008	13.5767	0.0133
5G20438.	CAL 1660@50PPB	02/12/09 08:31	Soil	5G20441.	13.0372	0.0023	13.5776	0.0066
5G20439.	CAL 1660@2000PPB	02/12/09 08:50	Soil	5G20441.	13.0371	0.0031	13.5770	0.011
5G20440.	CAL 1660@1000PPB	02/12/09 09:08	Soil	5G20441.	13.0370	0.0038	13.5772	0.0096
5G20441.	CAL 1660@50PPB	02/12/09 09:26	Soil	5G20441.	13.0375	0	13.5785	0
5G20442.	CAL 1660@200PPB	02/12/09 09:44	Soil	5G20441.	13.0374	0.0008	13.5786	0.0007
5G20443.	CAL 1660@4000PPB	02/12/09 10:07	Soil	5G20441.	13.0408	0.0253	13.5782	0.0022
5G20444.	CAL 3268@500PPB	02/12/09 10:25	Soil	5G20441.	13.0365	0.0077	13.5770	0.011
5G20445.	CAL 1242@500PPB	02/12/09 10:43	Soil	5G20441.	13.0384	0.0069	13.5761	0.0177
5G20446.	CAL 1248@500PPB	02/12/09 11:02	Soil	5G20441.	13.0380	0.0038	13.5778	0.0052
5G20447.	CAL 2154@500PPB	02/12/09 11:20	Soil	5G20441.	13.0370	0.0038	13.5769	0.0118
5G20448.	CAL 1262@500PPB	02/12/09 11:38	Soil	5G20441.	13.0380	0.0038	13.5764	0.0155
5G20449.	ICV	02/12/09 11:56	Soil	5G20441.	13.0383	0.0061	13.5789	0.0029
5G20450.	CAL 1660@2000PPB	02/12/09 12:25	Soil	5G20441.	13.0415	0.0307	13.5774	0.0081

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20605.	CAL 1660@500PPB	02/19/09 07:50	OIL/OTHER	5G20605.	13.0360	0	13.5735	0
5G20606.	WMB3478	02/19/09 08:10	Aqueous	5G20605.	13.0350	0.0077	13.5740	0.0037
5G20607.	WMB3478(MS)	02/19/09 08:28	Aqueous	5G20605.	13.0327	0.0253	13.5743	0.0059
5G20608.	AC42729-001(MS)	02/19/09 08:46	Aqueous	5G20605.	13.0341	0.0146	13.5731	0.0029
5G20609.	AC42729-001(MSD)	02/19/09 09:04	Aqueous	5G20605.	13.0335	0.0192	13.5721	0.0103
5G20610.	AC42729-001	02/19/09 09:23	Aqueous	5G20605.	13.0338	0.0169	13.5744	0.0066
5G20611.	AC42702-001(R)	02/19/09 09:41	Aqueous	5G20605.	13.0335	0.0192	13.5723	0.0088
5G20612.	AC42713-003	02/19/09 09:59	Aqueous	5G20605.	13.0328	0.0246	13.5733	0.0015
5G20613.	AC42713-002	02/19/09 10:17	Aqueous	5G20605.	13.0346	0.0107	13.5751	0.0118
5G20614.	AC42750-009	02/19/09 10:36	Aqueous	5G20605.	13.0345	0.0115	13.5752	0.0125
5G20615.	AC42726-010	02/19/09 10:54	Aqueous	5G20605.	13.0348	0.0092	13.5741	0.0044
5G20616.	CAL 1660@2000PPB	02/19/09 11:24	Aqueous	5G20605.	13.0381	0.0161	13.5751	0.0118
5G20617.	AC42730-001	02/19/09 11:42	Soil	5G20616.	13.0357	0.0184	13.5747	0.0029
5G20618.	AC42730-002	02/19/09 12:00	Soil	5G20616.	13.0353	0.0215	13.5744	0.0052
5G20619.	AC42730-003	02/19/09 12:19	Soil	5G20616.	13.0342	0.0299	13.5732	0.014
5G20620.	AC42730-004	02/19/09 12:37	Soil	5G20616.	13.0346	0.0268	13.5746	0.0037
5G20621.	AC42730-005	02/19/09 12:55	Soil	5G20616.	13.0347	0.0261	13.5758	0.0052
5G20622.	AC42730-006	02/19/09 13:13	Soil	5G20616.	13.0356	0.0192	13.5759	0.0059
5G20623.	CAL 1660@1000PPB	02/19/09 13:32	Soil	5G20616.	13.0359	0.0169	13.5762	0.0081
5G20624.	SMB2172B	02/19/09 14:17	Soil	5G20623.	13.0392	0.0253	13.5756	0.0044
5G20625.	SMB2172B(MS)	02/19/09 14:35	Soil	5G20623.	13.0360	0.0008	13.5751	0.0081
5G20626.	AC42748-012(MS)	02/19/09 14:53	Soil	5G20623.	13.0348	0.0084	13.5745	0.0125
5G20627.	AC42748-012(MSD)	02/19/09 15:11	Soil	5G20623.	13.0341	0.0138	13.5747	0.011
5G20628.	AC42748-012	02/19/09 15:30	Soil	5G20623.	13.0361	0.0015	13.5763	0.0007
5G20629.	AC42748-003	02/19/09 15:52	Soil	5G20623.	13.0358	0.0008	13.5748	0.0103
5G20630.	AC42748-004	02/19/09 16:10	Soil	5G20623.	13.0345	0.0107	13.5748	0.0103
5G20631.	AC42748-006	02/19/09 16:29	Soil	5G20623.	13.0338	0.0161	13.5729	0.0243
5G20632.	AC42748-007	02/19/09 16:47	Soil	5G20623.	13.0341	0.0138	13.5744	0.0133
5G20633.	AC42748-008	02/19/09 17:05	Soil	5G20623.	13.0348	0.0084	13.5742	0.0147
5G20634.	AC42748-009	02/19/09 17:23	Soil	5G20623.	13.0336	0.0176	13.5755	0.0052
5G20635.	AC42748-011	02/19/09 17:41	Soil	5G20623.	13.0344	0.0115	13.5749	0.0096
5G20636.	AC42748-013	02/19/09 18:00	Soil	5G20623.	13.0345	0.0107	13.5744	0.0133
5G20637.	AC42748-014	02/19/09 18:18	Soil	5G20623.	13.0347	0.0092	13.5751	0.0081
5G20638.	AC42748-015	02/19/09 18:36	Soil	5G20623.	13.0338	0.0161	13.5751	0.0081
5G20639.	CAL 1660@1000PPB	02/19/09 18:54	Soil	5G20623.	13.0345	0.0107	13.5735	0.0199
5G20640.	2000PPB	02/19/09 19:12	Soil	5G20639.	13.0348	0.0023	13.5748	0.0096

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20791.	CAL 1660@500PPB	02/27/09 07:50	Aqueous	5G20791.	13.0262	0	13.5657	0
5G20792.	WMB3486	02/27/09 08:13	Aqueous	5G20791.	13.0280	0.0138	13.5658	0.0007
5G20793.	WMB3486(MS)	02/27/09 08:31	Aqueous	5G20791.	13.0269	0.0054	13.5683	0.0192
5G20794.	AC42940-001	02/27/09 08:50	Aqueous	5G20791.	13.0264	0.0015	13.5654	0.0022
5G20795.	AC42940-003	02/27/09 09:08	Aqueous	5G20791.	13.0253	0.0069	13.5655	0.0015
5G20796.	AC42940-005	02/27/09 09:26	Aqueous	5G20791.	13.0261	0.0008	13.5663	0.0044
5G20797.	AC42940-007	02/27/09 09:44	Aqueous	5G20791.	13.0257	0.0038	13.5665	0.0059
5G20798.	AC42940-009	02/27/09 10:02	Aqueous	5G20791.	13.0260	0.0015	13.5663	0.0044
5G20799.	AC42940-011	02/27/09 10:20	Aqueous	5G20791.	13.0263	0.0008	13.5654	0.0022
5G20800.	AC42940-029	02/27/09 10:38	Aqueous	5G20791.	13.0267	0.0038	13.5673	0.0118
5G20801.	AC42940-013	02/27/09 10:57	Aqueous	5G20791.	13.0257	0.0038	13.5672	0.0111
5G20802.	CAL 1660@500PPB	02/27/09 11:31	Aqueous	5G20791.	13.0308	0.0353	13.5679	0.0162
5G20803.	AC42870-001(R)	02/27/09 11:54	Soil	5G20802.	13.0294	0.0107	13.5671	0.0059
5G20804.	CAL 1660@500PPB	02/27/09 12:20	Soil	5G20802.	13.0307	0.0008	13.5677	0.0015
5G20813.	CAL 1660@500PPB	02/27/09 15:43	Soil	5G20804.	13.0283	0.0184	13.5680	0.0022
5G20814.	SMB2180B	02/27/09 16:04	Soil	5G20804.	13.0294	0.01	13.5675	0.0015
5G20815.	SMB2180B(MS)	02/27/09 16:22	Soil	5G20804.	13.0289	0.0138	13.5687	0.0074
5G20816.	SMB3038	02/27/09 16:40	Soil	5G20804.	13.0281	0.02	13.5674	0.0022
5G20817.	SMB3038(MS)	02/27/09 16:58	Soil	5G20804.	13.0286	0.0161	13.5669	0.0059
5G20818.	AC42805-001(MS)	02/27/09 17:16	Soil	5G20804.	13.0270	0.0284	13.5676	0.0007
5G20819.	AC42805-001(MSD)	02/27/09 17:35	Soil	5G20804.	13.0274	0.0253	13.5655	0.0162
5G20820.	AC42805-001	02/27/09 17:53	Soil	5G20804.	13.0254	0.0407	13.5668	0.0066
5G20821.	AC42805-007	02/27/09 18:11	Soil	5G20804.	13.0269	0.0292	13.5683	0.0044
5G20822.	AC42805-008	02/27/09 18:29	Soil	5G20804.	13.0265	0.0322	13.5662	0.0111
5G20823.	AC42805-009	02/27/09 18:47	Soil	5G20804.	13.0258	0.0376	13.5654	0.017
5G20824.	AC42805-036	02/27/09 19:06	Soil	5G20804.	13.0263	0.0338	13.5670	0.0052
5G20825.	AC42806-002	02/27/09 19:24	Soil	5G20804.	13.0265	0.0322	13.5640	0.0273
5G20826.	AC42806-003	02/27/09 19:42	Soil	5G20804.	13.0256	0.0391	13.5654	0.017
5G20827.	AC42806-019	02/27/09 20:00	Soil	5G20804.	13.0264	0.033	13.5673	0.003
5G20828.	CAL 1660@1000PPB	02/27/09 20:19	Soil	5G20804.	13.0279	0.0215	13.5686	0.0066
5G20829.	2000PPB	02/27/09 20:37	Soil	5G20828.	13.0291	0.0092	13.5691	0.0037
5G20830.	AC42806-020	02/27/09 20:55	Soil	5G20828.	13.0265	0.0107	13.5656	0.0221
5G20831.	AC42806-004	02/27/09 21:13	Soil	5G20828.	13.0249	0.023	13.5666	0.0147
5G20832.	AC42806-015	02/27/09 21:31	Soil	5G20828.	13.0262	0.013	13.5663	0.0169
5G20833.	AC42806-016	02/27/09 21:50	Soil	5G20828.	13.0258	0.0161	13.5676	0.0074
5G20834.	AC42805-037	02/27/09 22:08	Soil	5G20828.	13.0257	0.0169	13.5665	0.0155
5G20835.	AC42805-038	02/27/09 22:26	Soil	5G20828.	13.0275	0.0031	13.5692	0.0044
5G20836.	AC42806-001	02/27/09 22:44	Soil	5G20828.	13.0258	0.0161	13.5644	0.031
5G20837.	AC42806-022	02/27/09 23:02	Soil	5G20828.	13.0260	0.0146	13.5663	0.0169
5G20838.	AC42806-023	02/27/09 23:21	Soil	5G20828.	13.0259	0.0154	13.5647	0.0287
5G20839.	AC42806-010	02/27/09 23:39	Soil	5G20828.	13.0265	0.0107	13.5653	0.0243
5G20840.	AC42806-011	02/27/09 23:57	Soil	5G20828.	13.0264	0.0115	13.5666	0.0147
5G20841.	AC42806-017	02/28/09 00:15	Soil	5G20828.	13.0264	0.0115	13.5663	0.0169
5G20842.	AC42806-018	02/28/09 00:33	Soil	5G20828.	13.0261	0.0138	13.5661	0.0184
5G20843.	AC42806-021	02/28/09 00:51	Soil	5G20828.	13.0261	0.0138	13.5660	0.0192
5G20844.	1000PPB	02/28/09 01:10	Soil	5G20828.	13.0272	0.0054	13.5673	0.0096
5G20845.	CAL 1660@2000PPB	02/28/09 01:28	Soil	5G20828.	13.0259	0.0154	13.5666	0.0147

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

GC PCB Data
Sample Data

Form1

ORGANICS PCB REPORT

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 5G20794.D
Analysis Date: 02/27/09 08:50
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 940ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 110465

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20794.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 8:50
Operator : JP
Sample : AC42940-001
Misc : A,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 09:37:48 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

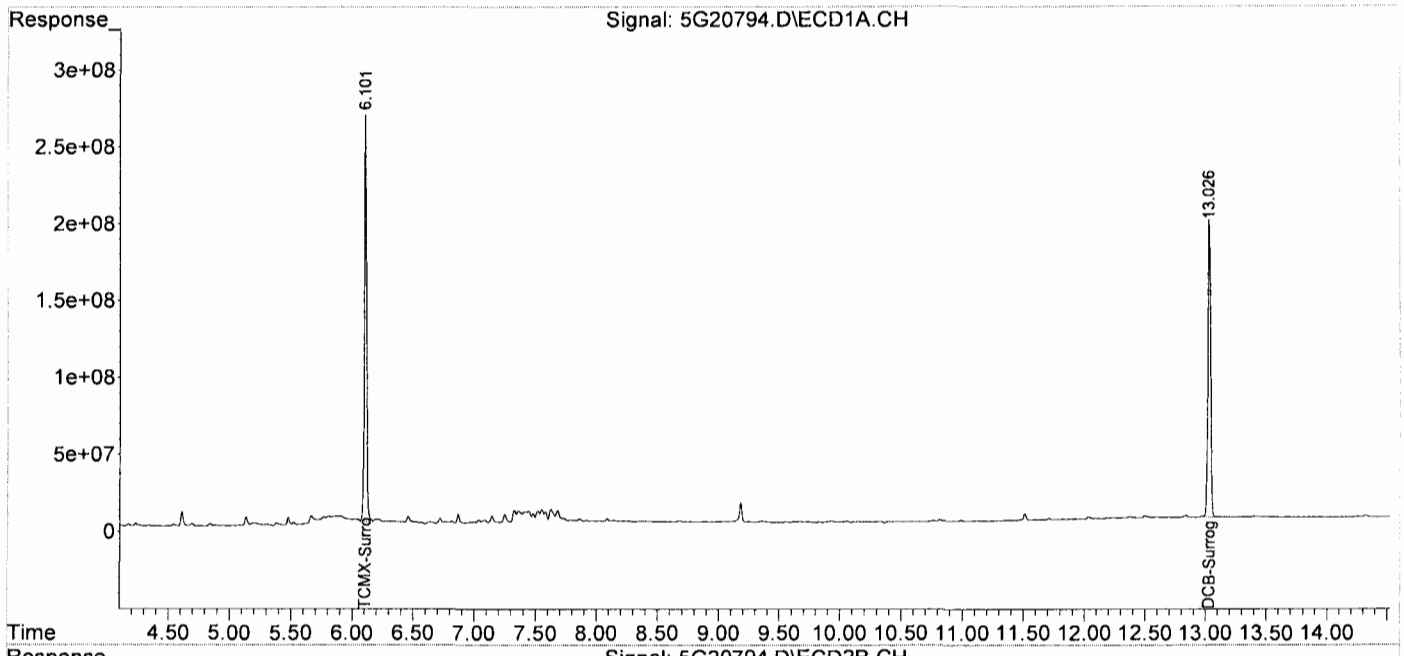
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.101	6.126	3359.4E6	2016.4E6	95.497m	88.946m
45)	DCB-Surrogate	13.026	13.565	3061.6E6	1838.8E6	99.722m	94.470m

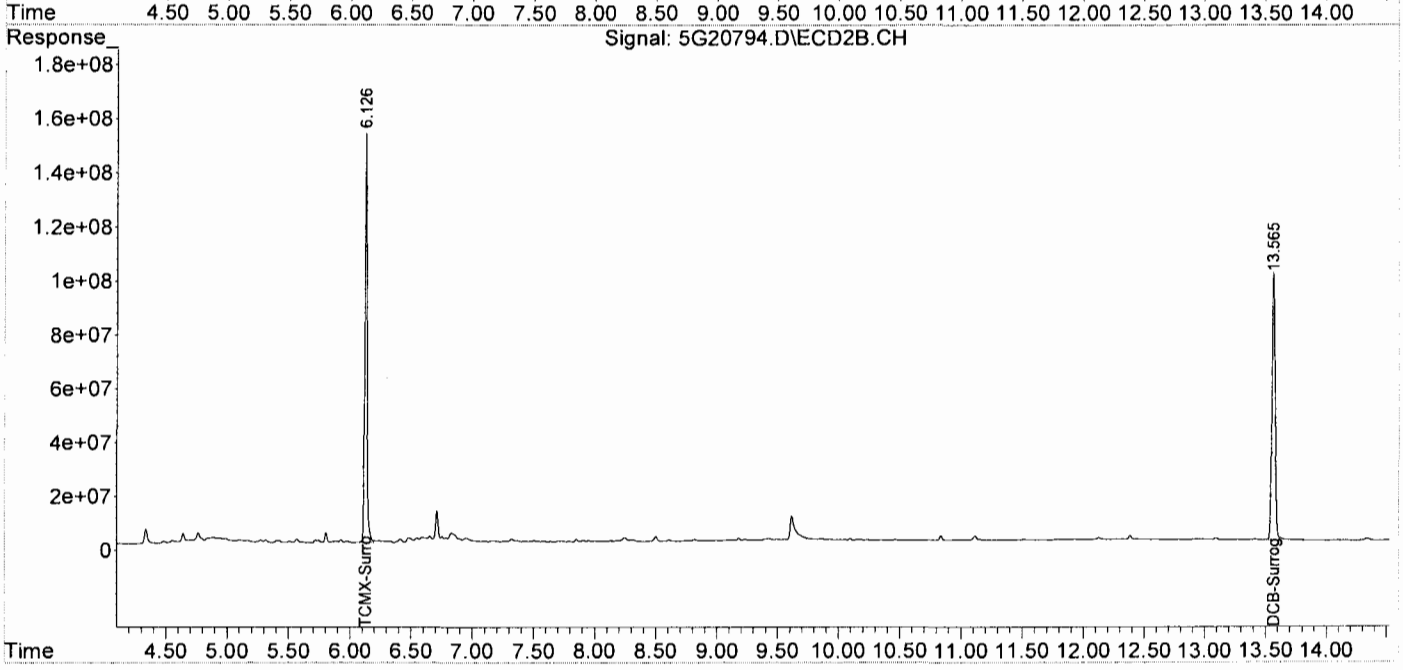
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20794.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 8:50
Operator : JP
Sample : AC42940-001
Misc : A,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 09:37:48 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 5G20795.D
Analysis Date: 02/27/09 09:08
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 110465

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

0683

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20795.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 9:08
Operator : JP
Sample : AC42940-003
Misc : A,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 09:38:24 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

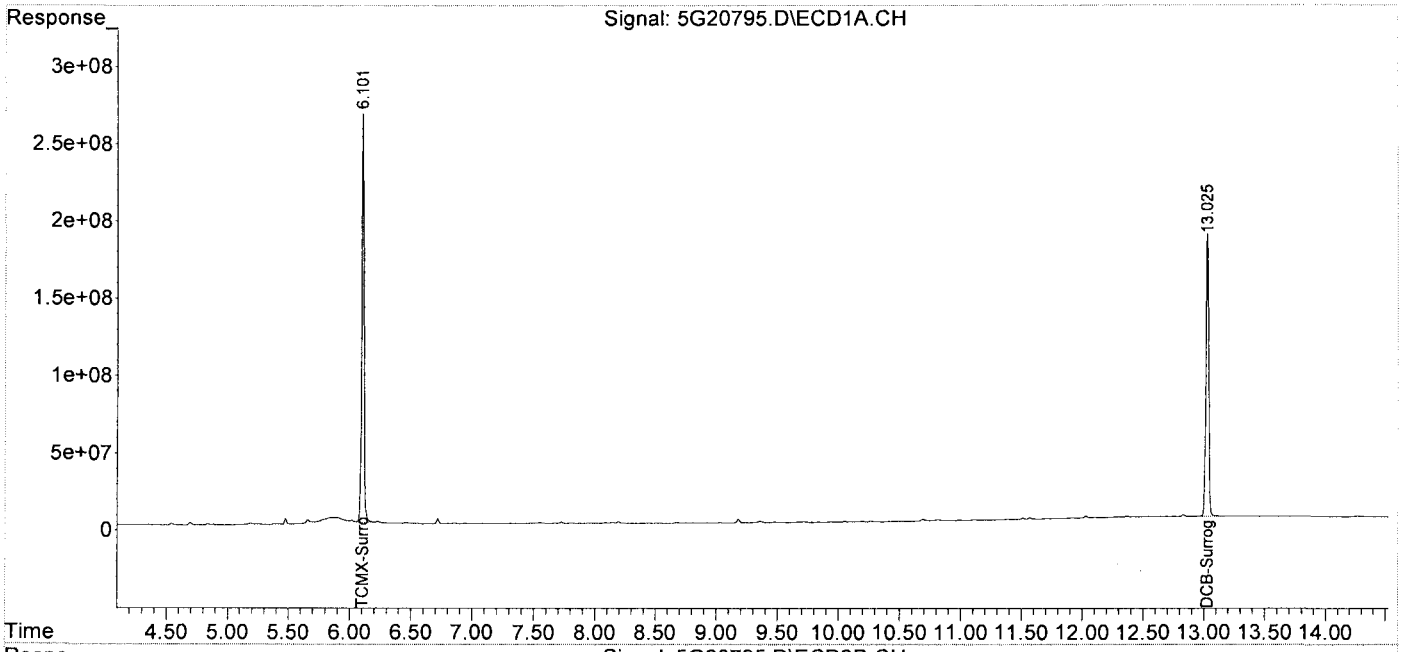
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.101	6.127	3415.8E6	2222.4E6	97.100m	98.028m
45)	DCB-Surrogate	13.025	13.566	2942.6E6	1764.6E6	95.845m	90.660m

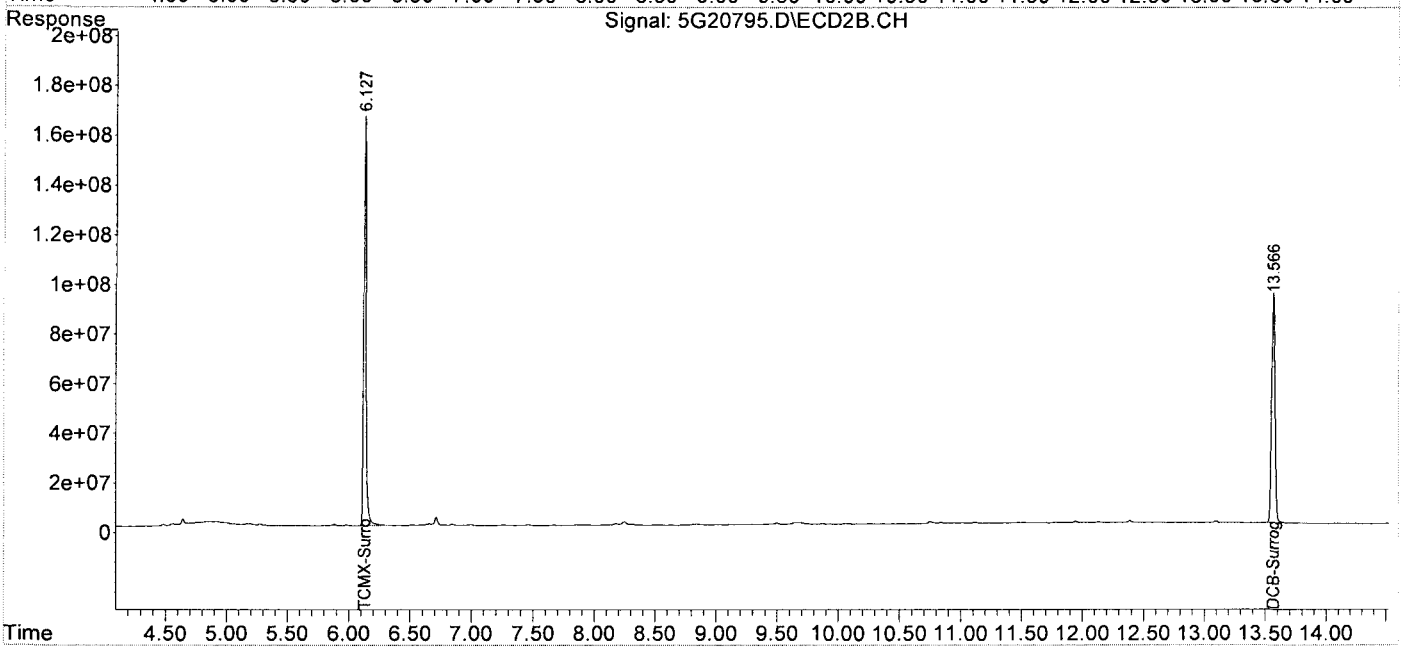
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20795.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 9:08
Operator : JP
Sample : AC42940-003
Misc : A,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 09:38:24 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 5G20796.D
Analysis Date: 02/27/09 09:26
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 110465

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20796.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 9:26
Operator : JP
Sample : AC42940-005
Misc : A,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 10:02:05 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.102	6.127	4030.8E6	2708.2E6	114.581m	119.460m
45)DCB-Surrogate	13.026	13.566	3532.1E6	2120.4E6	115.047m	108.942m

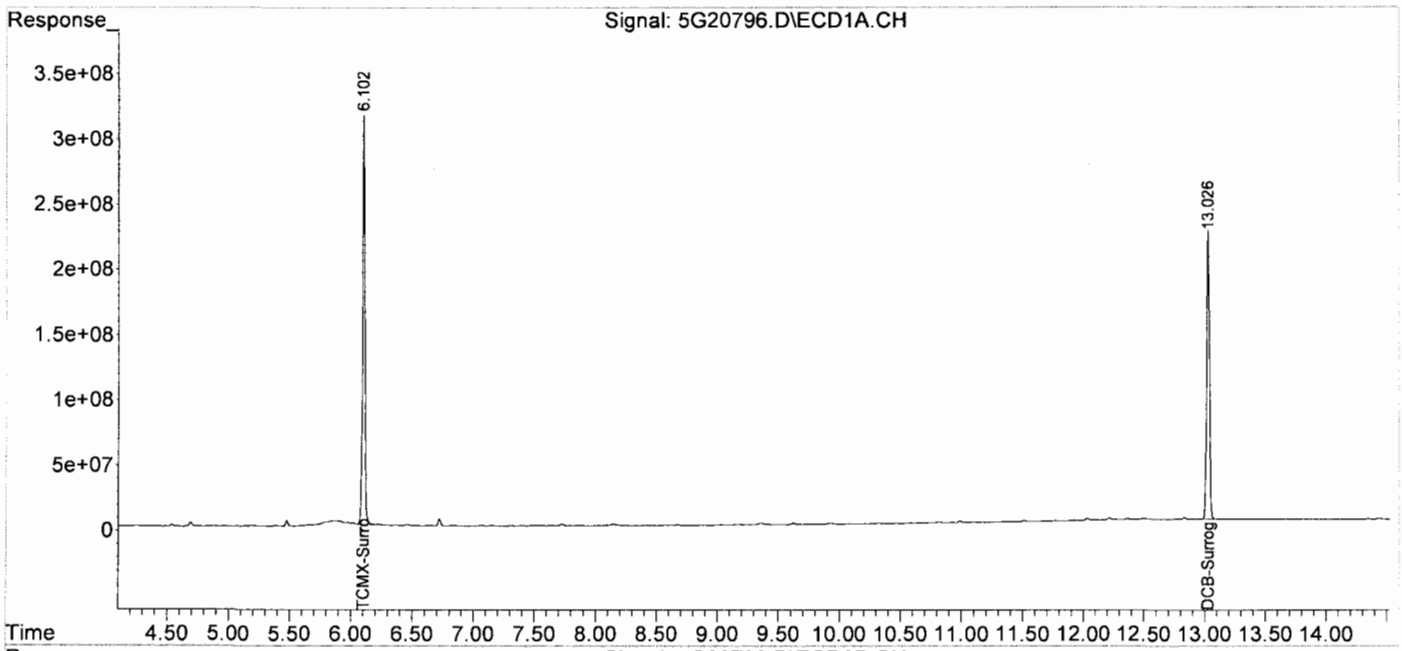
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

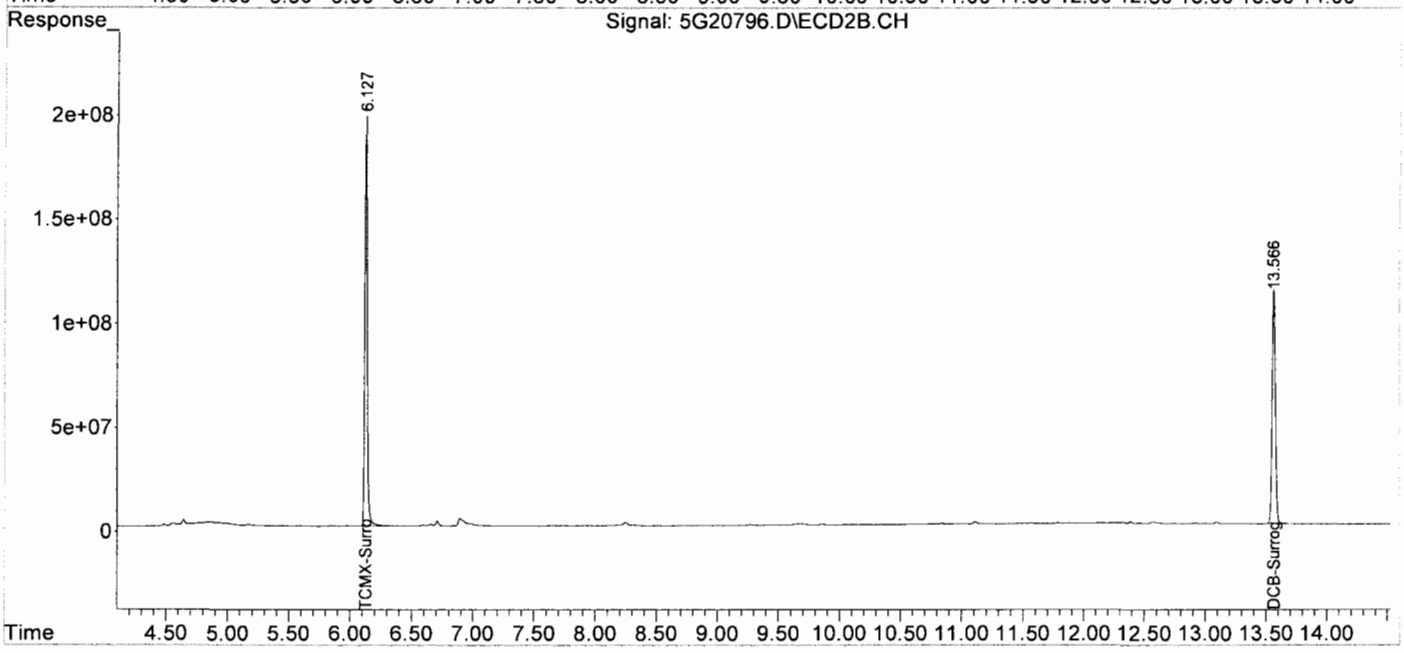
MS

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20796.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 9:26
Operator : JP
Sample : AC42940-005
Misc : A,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 10:02:05 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 5G20797.D
Analysis Date: 02/27/09 09:44
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110465

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20797.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 9:44
Operator : JP
Sample : AC42940-007
Misc : A,PCB:0.5
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 10:02:57 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

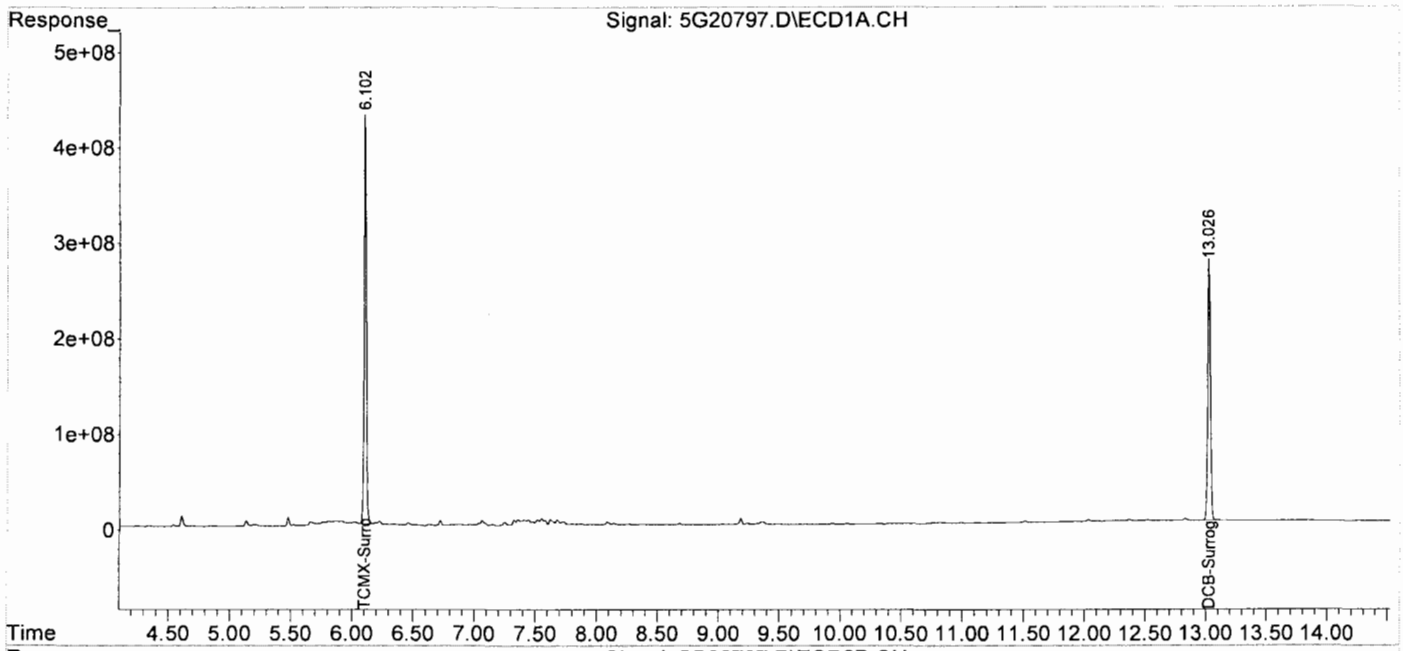
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.102	6.127	5373.5E6	3352.0E6	152.749m	147.858m
45)	DCB-Surrogate	13.026	13.567	4261.8E6	2551.6E6	138.816m	131.096m

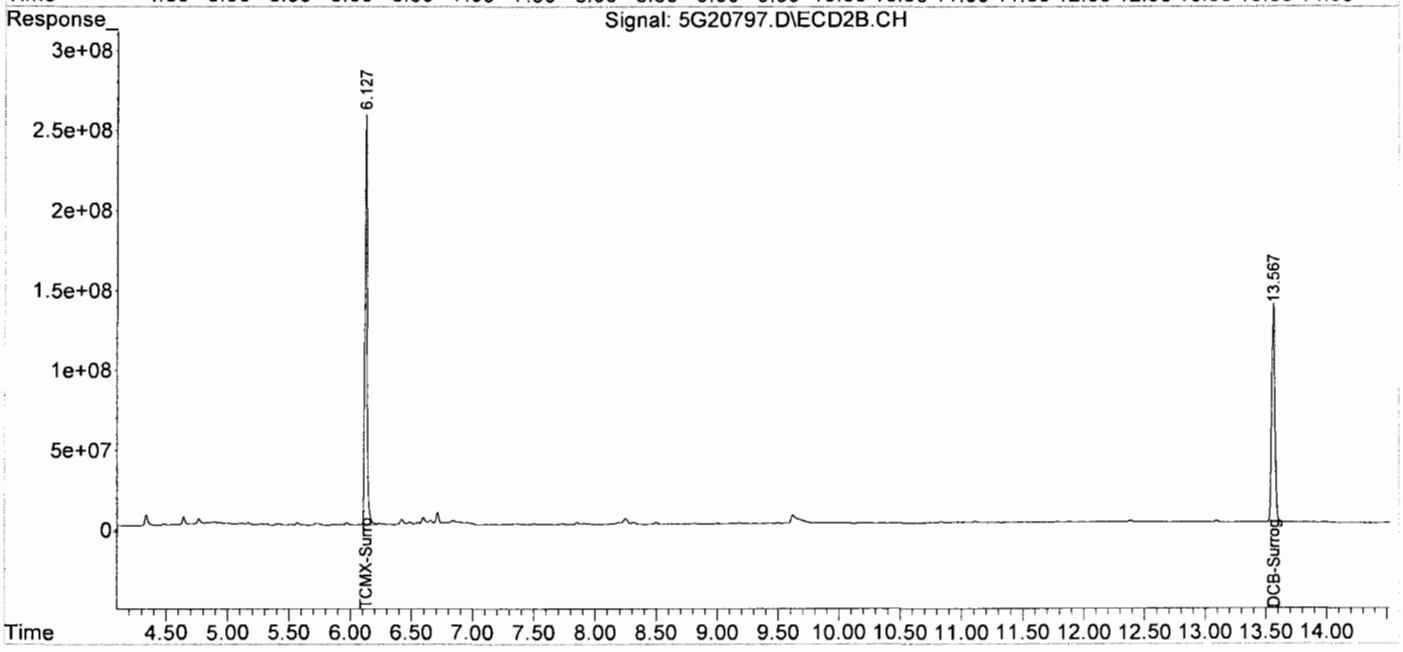
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20797.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 9:44
Operator : JP
Sample : AC42940-007
Misc : A,PCB:0.5
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 10:02:57 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC42940-009
Client Id: MW-5 U
Data File: 5G20798.D
Analysis Date: 02/27/09 10:02
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110465

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

0692

Data Path : G:\GCDATA\2009\GC_5\Data\02-27-09\
Data File : 5G20798.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 10:02
Operator : JP
Sample : AC42940-009
Misc : A,PCB:0.5
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 10:21:36 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

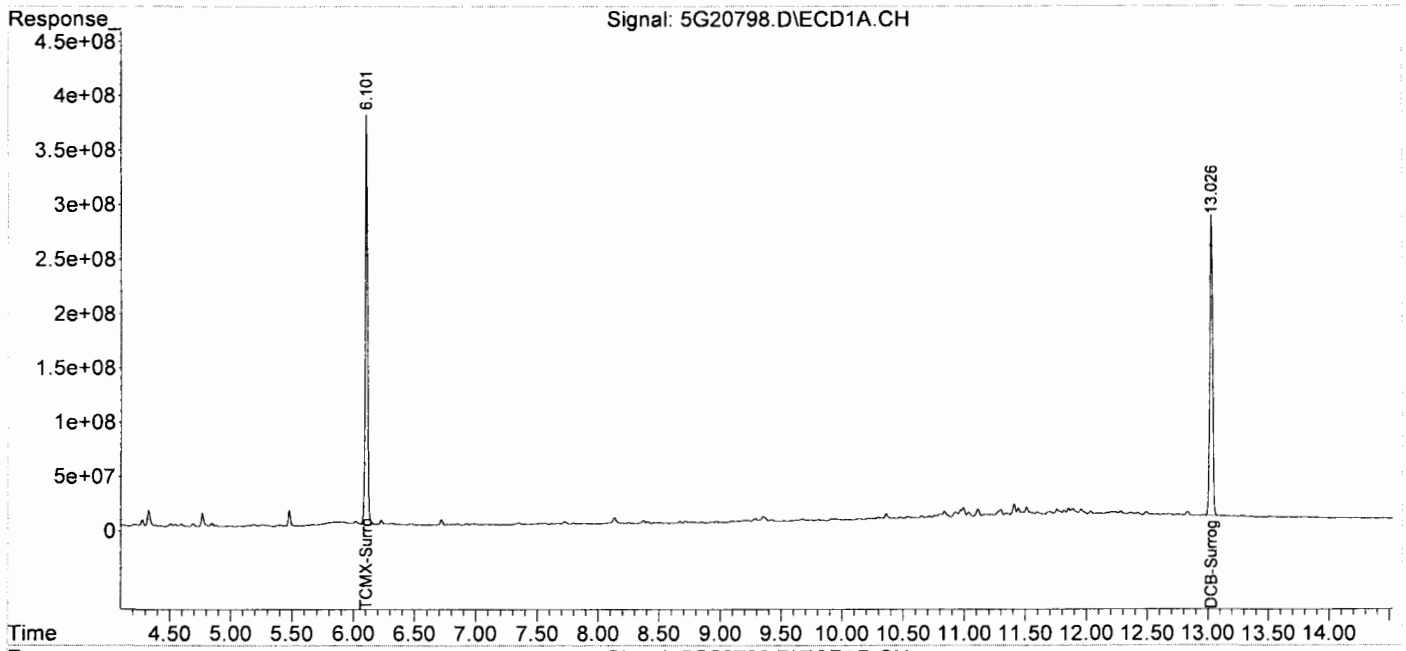
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.101	6.127	4779.6E6	3139.7E6	135.867m	138.494m
45)DCB-Surrogate	13.026	13.566	4428.9E6	2615.8E6	144.259m	134.390m

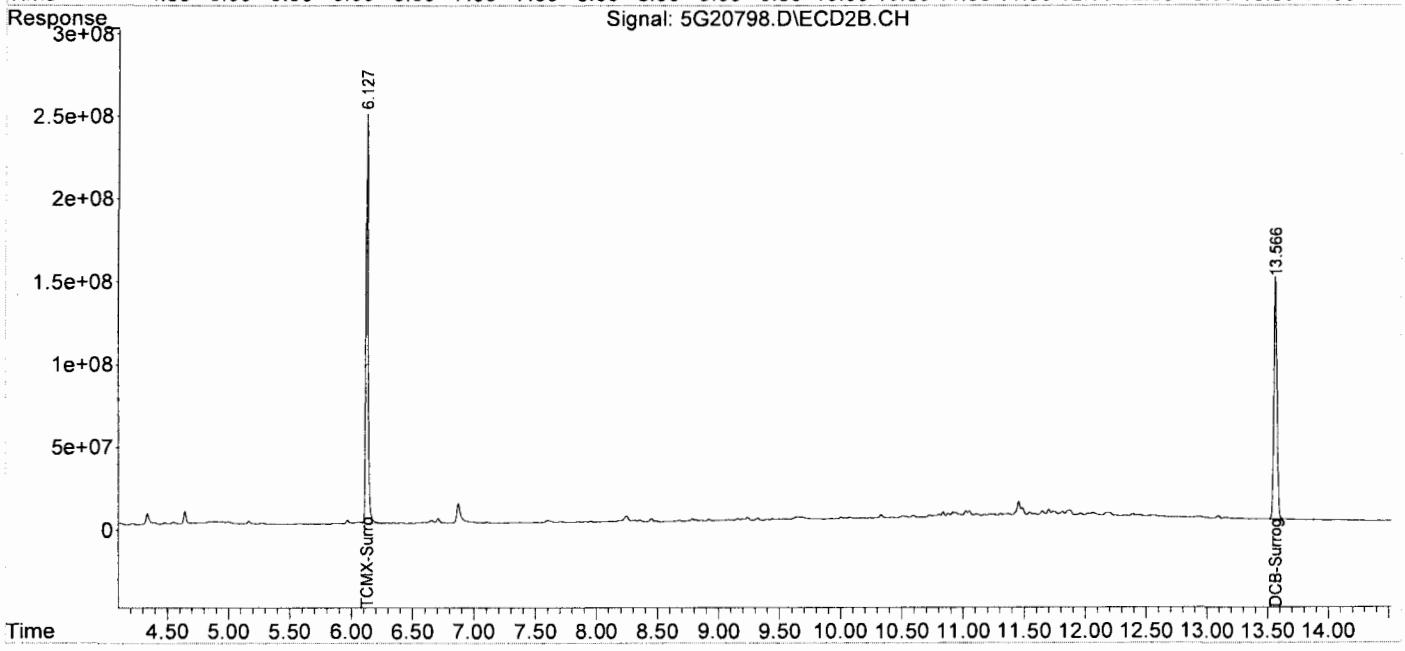
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\GCDATA\2009\GC_5\Data\02-27-09\
Data File : 5G20798.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 10:02
Operator : JP
Sample : AC42940-009
Misc : A,PCB:0.5
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 10:21:36 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 5G20799.D
Analysis Date: 02/27/09 10:20
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110475

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20799.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 10:20
Operator : JP
Sample : AC42940-011
Misc : A,PCB:0.5
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 11:02:11 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.101	6.127	6924.0E6	4589.4E6	196.824m	202.440m
45)	DCB-Surrogate	13.026	13.565	5706.2E6	3364.2E6	185.860m	172.841m

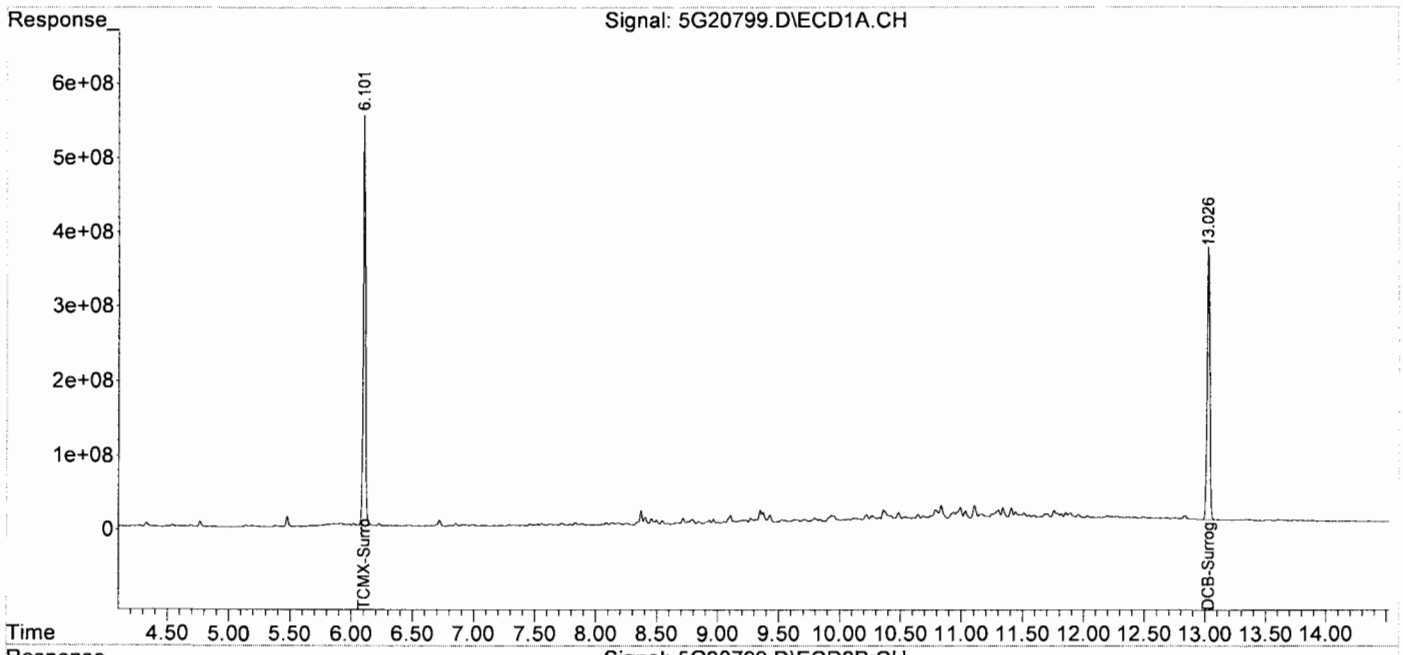
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

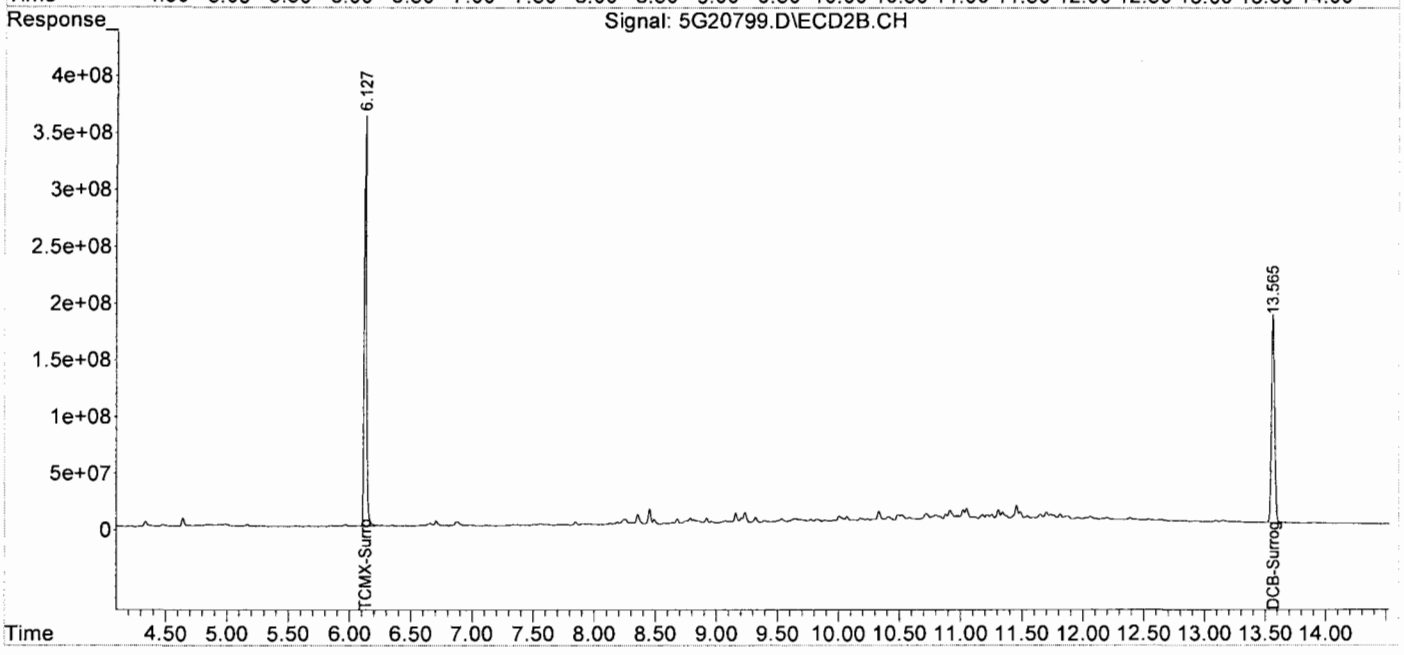
MJ

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20799.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 10:20
Operator : JP
Sample : AC42940-011
Misc : A,PCB:0.5
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 11:02:11 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 5G20801.D
Analysis Date: 02/27/09 10:57
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110475

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20801.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 10:57
Operator : JP
Sample : AC42940-013
Misc : A,PCB:0.5
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 11:25:39 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

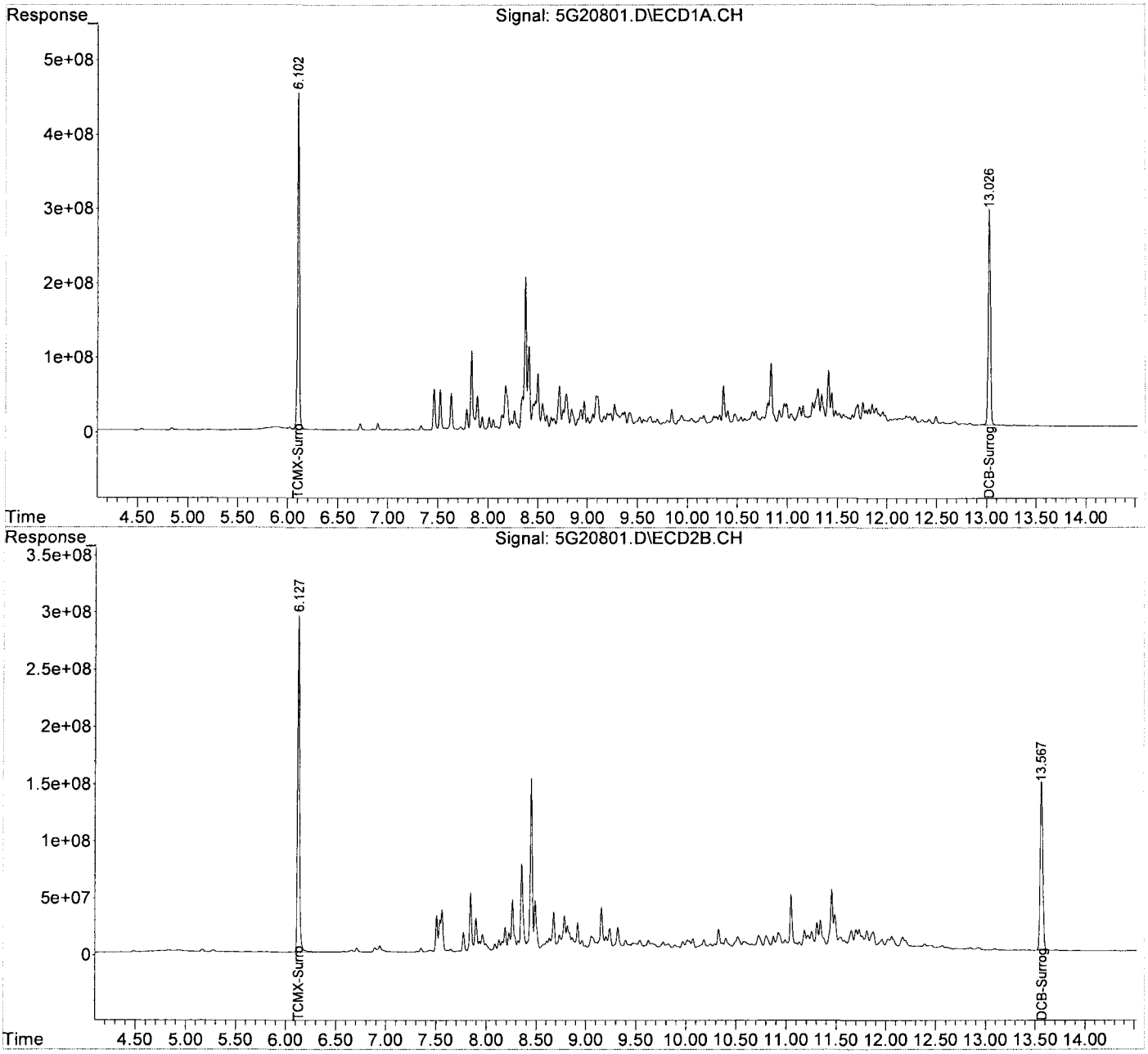
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.102	6.128	5710.1E6	3987.8E6	162.319m	175.902
45)	DCB-Surrogate	13.026	13.567	4534.3E6	2697.9E6	147.691m	138.611m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20801.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 10:57
Operator : JP
Sample : AC42940-013
Misc : A,PCB:0.5
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 11:25:39 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Form1

ORGANICS PCB REPORT

Sample Number: AC42940-029
Client Id: FB U
Data File: 5G20800.D
Analysis Date: 02/27/09 10:38
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 110475

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20800.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 10:38
Operator : JP
Sample : AC42940-029
Misc : A,PCB:0.5
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 11:05:14 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

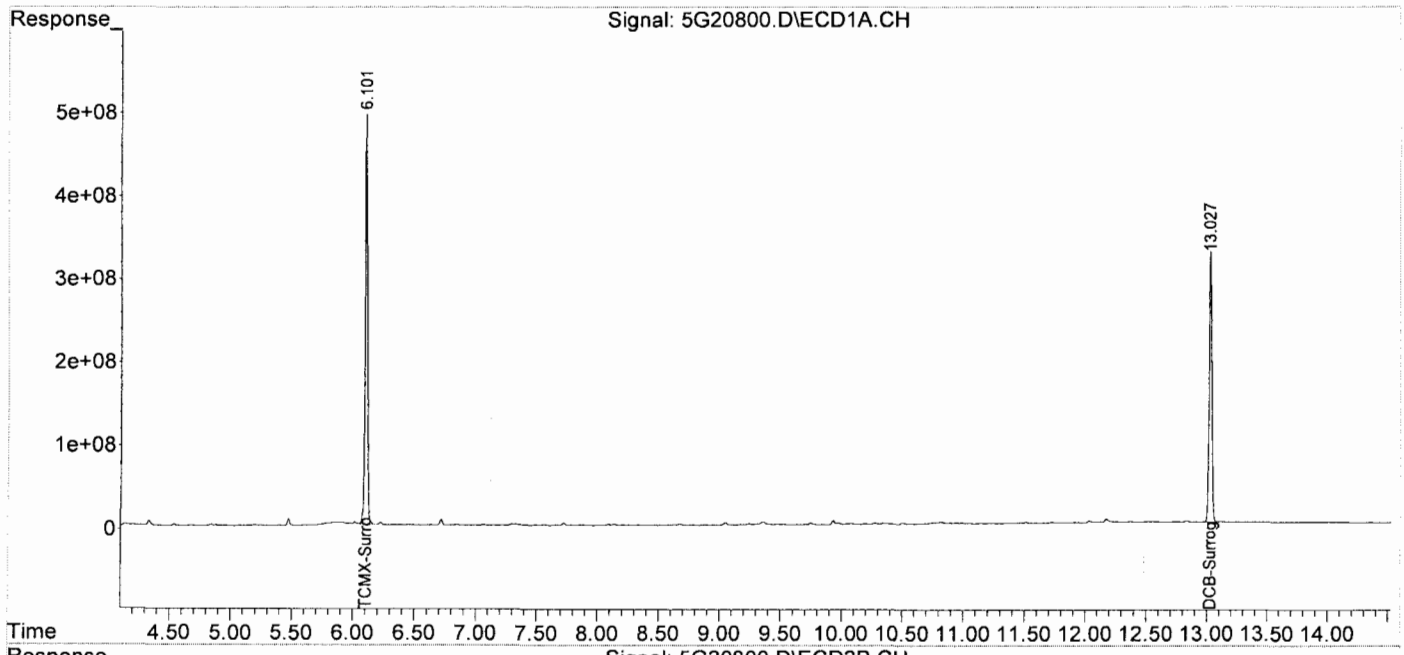
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.101	6.128	6317.1E6	4123.0E6	179.573m	181.868m
45)	DCB-Surrogate	13.027	13.567	5067.7E6	3039.5E6	165.065m	156.160m

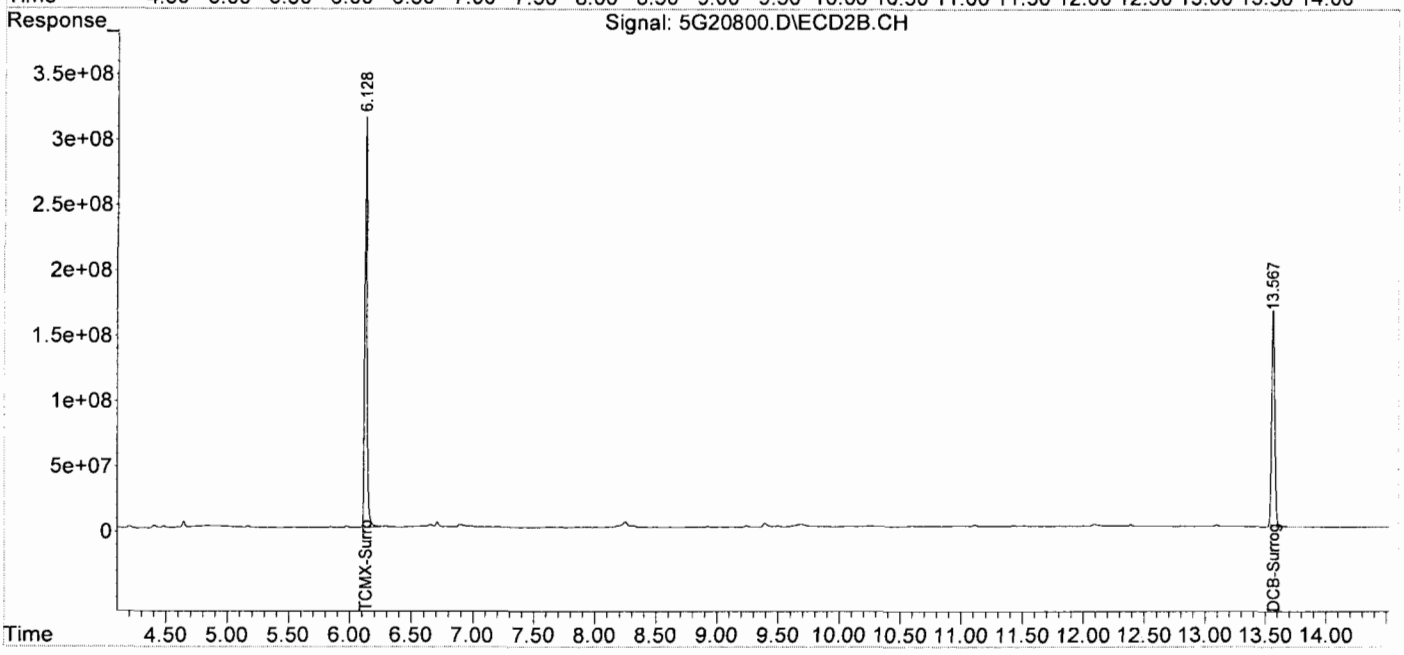
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20800.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 10:38
Operator : JP
Sample : AC42940-029
Misc : A,PCB:0.5
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 11:05:14 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





GC PCB Data
Standards Data

Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G20441.	CAL 1660@50PPB	02/12/09 09:26	2	5G20442.	CAL 1660@200PPB	02/12/09 09:44
3	5G20436.	CAL 1660@500PPB	02/12/09 07:54	4	5G20440.	CAL 1660@1000PPB	02/12/09 09:08
5	5G20439.	CAL 1660@2000PPB	02/12/09 08:50	6	5G20443.	CAL 1660@4000PPB	02/12/09 10:07
7	5G20444.	CAL 3268@500PPB	02/12/09 10:25	8	5G20445.	CAL 1242@500PPB	02/12/09 10:43
9	5G20446.	CAL 1248@500PPB	02/12/09 11:02	10	5G20447.	CAL 2154@500PPB	02/12/09 11:20
11	5G20448.	CAL 1262@500PPB	02/12/09 11:38				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	3724.5	3606.1	3477.3	3482.6	3352.7	3463.5	----	----	3520	6.10	1.00	1.00	3.7	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	1	1	Qua	68.783	70.216	62.167	58.632	53.923	52.626	----	----	61.1	6.92	0.999	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	2	Qua	149.76	142.11	110.92	122.85	113.95	112.49	----	----	125	7.43	0.999	1.00	13	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	3	Avg	320.68	294.82	279.34	275.70	261.98	266.67	----	----	283	8.03	1.00	1.00	7.6	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	4	Qua	136.70	112.58	107.27	101.74	95.802	96.515	----	----	108	8.19	1.00	1.00	14	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	5	Qua	105.06	91.500	80.214	86.019	81.628	83.279	----	----	88.0	8.32	1.00	1.00	11	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	1	Avg	180.42	163.91	152.13	154.35	146.99	153.09	----	----	158	10.11	0.999	1.00	7.6	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	2	Avg	233.65	214.60	203.20	205.81	197.62	206.27	----	----	210	10.38	0.999	1.00	6.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	3	Avg	95.783	87.289	77.532	82.646	78.244	82.416	----	----	84.0	10.87	0.999	1.00	8.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	4	Avg	154.40	148.04	140.07	143.70	139.37	147.30	----	----	145	11.16	0.999	1.00	3.9	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	5	LinF	246.29	243.54	241.40	244.78	240.98	256.07	----	----	246	11.87	0.999	1.00	2.3	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	1	1	Avg	----	----	----	----	----	----	----	----	37.1	6.62	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	2	Avg	----	----	----	----	----	----	----	----	29.5	6.83	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	3	Avg	----	----	----	----	----	----	----	----	92.1	6.92	-1	-1	Lvl=10	500.0							
Aroclor-1232	1	1	Avg	----	----	----	----	----	----	----	----	68.7	6.92	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	2	Avg	----	----	----	----	----	----	----	----	57.8	7.43	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	3	Avg	----	----	----	----	----	----	----	----	134	8.03	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	4	Avg	----	----	----	----	----	----	----	----	50.9	8.19	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	5	Avg	----	----	----	----	----	----	----	----	34.5	8.43	-1	-1	Lvl=7	500.0							
Aroclor-1242	1	1	Avg	----	----	----	----	----	----	----	----	52.0	6.92	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	2	Avg	----	----	----	----	----	----	----	----	100	7.43	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	3	Avg	----	----	----	----	----	----	----	----	231	8.03	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	4	Avg	----	----	----	----	----	----	----	----	53.0	8.43	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	5	Avg	----	----	----	----	----	----	----	----	101	8.74	-1	-1	Lvl=8	500.0							
Aroclor-1248	1	1	Avg	----	----	----	----	----	----	----	----	50.6	7.43	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	2	Avg	----	----	----	----	----	----	----	----	145	8.03	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	3	Avg	----	----	----	----	----	----	----	----	92.7	8.43	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	4	Avg	----	----	----	----	----	----	----	----	154	8.74	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	5	Avg	----	----	----	----	----	----	----	----	126	8.85	-1	-1	Lvl=9	500.0							
Aroclor-1254	1	1	Avg	----	----	----	----	----	----	----	----	233	9.95	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	2	Avg	----	----	----	----	----	----	----	----	114	10.12	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	3	Avg	----	----	----	----	----	----	----	----	121	10.38	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	4	Avg	----	----	----	----	----	----	----	----	98.0	10.63	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	5	Avg	----	----	----	----	----	----	----	----	195	10.77	-1	-1	Lvl=10	500.0							
Aroclor-1262	1	1	Avg	----	----	----	----	----	----	----	----	173	10.38	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	2	Avg	----	----	----	----	----	----	----	----	181	11.80	-1	-1	Lvl=11	500.0							

Avg Rsd Col 1: 7.76 Avg Rsd Col 2: 10.3

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte, >0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

0704

Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G20441.	CAL 1660@50PPB	02/12/09 09:26	2	5G20442.	CAL 1660@200PPB	02/12/09 09:44
3	5G20436.	CAL 1660@500PPB	02/12/09 07:54	4	5G20440.	CAL 1660@1000PPB	02/12/09 09:08
5	5G20439.	CAL 1660@2000PPB	02/12/09 08:50	6	5G20443.	CAL 1660@4000PPB	02/12/09 10:07
7	5G20444.	CAL 3268@500PPB	02/12/09 10:25	8	5G20445.	CAL 1242@500PPB	02/12/09 10:43
9	5G20446.	CAL 1248@500PPB	02/12/09 11:02	10	5G20447.	CAL 2154@500PPB	02/12/09 11:20
11	5G20448.	CAL 1262@500PPB	02/12/09 11:38				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1262	1	3	Avg	----	----	----	----	----	----	----	----	330	11.87	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	4	Avg	----	----	----	----	----	----	----	----	156	12.53	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	5	Avg	----	----	----	----	----	----	----	----	52.6	12.84	-1	-1	Lvl=11	500.0							
Aroclor-1268	1	1	Avg	----	----	----	----	----	----	----	----	128	11.07	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	2	Avg	----	----	----	----	----	----	----	----	41.8	11.16	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	3	Avg	----	----	----	----	----	----	----	----	58.9	11.48	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	4	Avg	----	----	----	----	----	----	----	----	433	12.04	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	5	Avg	----	----	----	----	----	----	----	----	101	12.13	-1	-1	Lvl=7	500.0							
DCB-Surrogate	1	0	Avg	3266.6	3023.5	2994.6	2968.3	2994.9	3172.5	----	----	3070	13.04	0.999	1.00	3.9	5.00	20.00	50.00	100.0	200.0	400.0		
TCMX-Surrogate	2	0	Avg	2498.5	2242.6	2228.2	2177.9	2223.7	2231.0	----	----	2270	6.13	1.00	1.00	5.1	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	2	1	Qua	44.101	45.748	34.125	37.857	34.034	33.673	----	----	38.3	7.08	0.999	0.999	14	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	2	Qua	114.96	98.595	88.909	86.101	79.617	78.455	----	----	91.1	7.65	1.00	1.00	15	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	3	Qua	168.90	144.02	119.64	119.00	109.10	109.69	----	----	128	8.13	1.00	1.00	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	4	Avg	59.241	55.065	51.975	50.745	48.403	48.931	----	----	52.4	8.34	1.00	1.00	7.9	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	5	Avg	95.470	84.104	79.592	79.372	74.832	76.989	----	----	81.7	8.52	1.00	1.00	9.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	1	LinF	144.72	123.22	118.16	115.51	109.60	112.38	----	----	121	10.34	1.00	1.00	11	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	2	Avg	154.77	131.08	126.91	123.86	117.55	120.43	----	----	129	10.43	1.00	1.00	10	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	3	Avg	96.158	84.860	78.501	77.265	74.316	77.352	----	----	81.4	11.41	0.999	1.00	9.9	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	4	Avg	126.88	109.87	106.62	103.83	98.770	104.64	----	----	108	12.10	0.999	1.00	9.0	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	5	Avg	79.293	74.286	67.160	67.636	65.299	69.002	----	----	70.4	12.63	0.999	1.00	7.5	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	2	1	Avg	----	----	----	----	----	----	----	----	27.6	6.78	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	2	Avg	----	----	----	----	----	----	----	----	17.8	6.99	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	3	Avg	----	----	----	----	----	----	----	----	54.2	7.08	-1	-1	Lvl=10	500.0							
Aroclor-1232	2	1	Avg	----	----	----	----	----	----	----	----	38.8	7.08	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	2	Avg	----	----	----	----	----	----	----	----	48.1	7.65	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	3	Avg	----	----	----	----	----	----	----	----	61.6	8.14	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	4	Avg	----	----	----	----	----	----	----	----	24.4	8.34	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	5	Avg	----	----	----	----	----	----	----	----	40.7	8.53	-1	-1	Lvl=7	500.0							
Aroclor-1242	2	1	Avg	----	----	----	----	----	----	----	----	33.0	7.09	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	2	Avg	----	----	----	----	----	----	----	----	75.2	7.65	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	3	Avg	----	----	----	----	----	----	----	----	106	8.14	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	4	Avg	----	----	----	----	----	----	----	----	65.2	8.53	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	5	Avg	----	----	----	----	----	----	----	----	54.3	8.94	-1	-1	Lvl=8	500.0							
Aroclor-1248	2	1	Avg	----	----	----	----	----	----	----	----	36.7	7.65	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	2	Avg	----	----	----	----	----	----	----	----	36.2	8.12	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	3	Avg	----	----	----	----	----	----	----	----	74.1	8.53	-1	-1	Lvl=9	500.0							

Avg Rsd Col 1: 7.76 Avg Rsd Col 2: 10.3

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G20441.	CAL 1660@50PPB	02/12/09 09:26	2	5G20442.	CAL 1660@200PPB	02/12/09 09:44
3	5G20436.	CAL 1660@500PPB	02/12/09 07:54	4	5G20440.	CAL 1660@1000PPB	02/12/09 09:08
5	5G20439.	CAL 1660@2000PPB	02/12/09 08:50	6	5G20443.	CAL 1660@4000PPB	02/12/09 10:07
7	5G20444.	CAL 3268@500PPB	02/12/09 10:25	8	5G20445.	CAL 1242@500PPB	02/12/09 10:43
9	5G20446.	CAL 1248@500PPB	02/12/09 11:02	10	5G20447.	CAL 2154@500PPB	02/12/09 11:20
11	5G20448.	CAL 1262@500PPB	02/12/09 11:38				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1248	2	4	Avg	----	----	----	----	----	----	----	----	78.2	8.94	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	5	Avg	----	----	----	----	----	----	----	----	97.9	9.35	-1	-1	Lvl=9	500.0							
Aroclor-1254	2	1	Avg	----	----	----	----	----	----	----	----	95.3	9.50	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	2	Avg	----	----	----	----	----	----	----	----	41.2	9.93	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	3	Avg	----	----	----	----	----	----	----	----	72.0	10.34	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	4	Avg	----	----	----	----	----	----	----	----	57.6	10.79	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	5	Avg	----	----	----	----	----	----	----	----	37.0	11.47	-1	-1	Lvl=10	500.0							
Aroclor-1262	2	1	Avg	----	----	----	----	----	----	----	----	82.6	10.85	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	2	Avg	----	----	----	----	----	----	----	----	100	12.00	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	3	Avg	----	----	----	----	----	----	----	----	113	12.10	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	4	Avg	----	----	----	----	----	----	----	----	133	12.63	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	5	Avg	----	----	----	----	----	----	----	----	34.5	13.11	-1	-1	Lvl=11	500.0							
Aroclor-1268	2	1	Avg	----	----	----	----	----	----	----	----	67.6	11.38	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	2	Avg	----	----	----	----	----	----	----	----	21.7	11.51	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	3	Avg	----	----	----	----	----	----	----	----	36.9	11.56	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	4	Avg	----	----	----	----	----	----	----	----	242	12.40	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	5	Avg	----	----	----	----	----	----	----	----	60.9	12.54	-1	-1	Lvl=7	500.0							
DCB-Surrogate	2	0	Avg	2190.3	1980.5	1869.7	1877.1	1835.1	1925.4	----	----	1950	13.58	0.999	1.00	6.7	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 7.76 Avg Rsd Col 2: 10.3

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

0706

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20441.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:26
Operator : JP
Sample : CAL 1660@50PPB
Misc : S,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:47:08 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	186.2E6	124.9E6	5.557m	5.595m
2)Aroclor-1016 {1}	6.922	7.089	34391874	22050834	60.179m	59.376m
3)Aroclor-1016 {2}	7.431	7.649	74881751	57481328	63.564m	66.583m
4)Aroclor-1016 {3}	8.030	8.142	160.3E6	84452880	59.856m	71.648m
5)Aroclor-1016 {4}	8.189	8.347	68354117	29620739	70.609	62.770m
6)Aroclor-1016 {5}	8.318	8.528	52534238	47735088	63.957	59.509
7)Aroclor-1260 {1}	10.117	10.343	90210797	72363375	63.125	65.984m
8)Aroclor-1260 {2}	10.379	10.436	116.8E6	77386533	60.438	70.630m
9)Aroclor-1260 {3}	10.867	11.418	47891614	48079098	64.695	70.081m
10)Aroclor-1260 {4}	11.162	12.101	77202685	63443648	60.305m	65.746m
11)Aroclor-1260 {5}	11.869	12.632	123.1E6	39646802	55.444m	63.721m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20441.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:26
Operator : JP
Sample : CAL 1660@50PPB
Misc : S,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:47:08 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

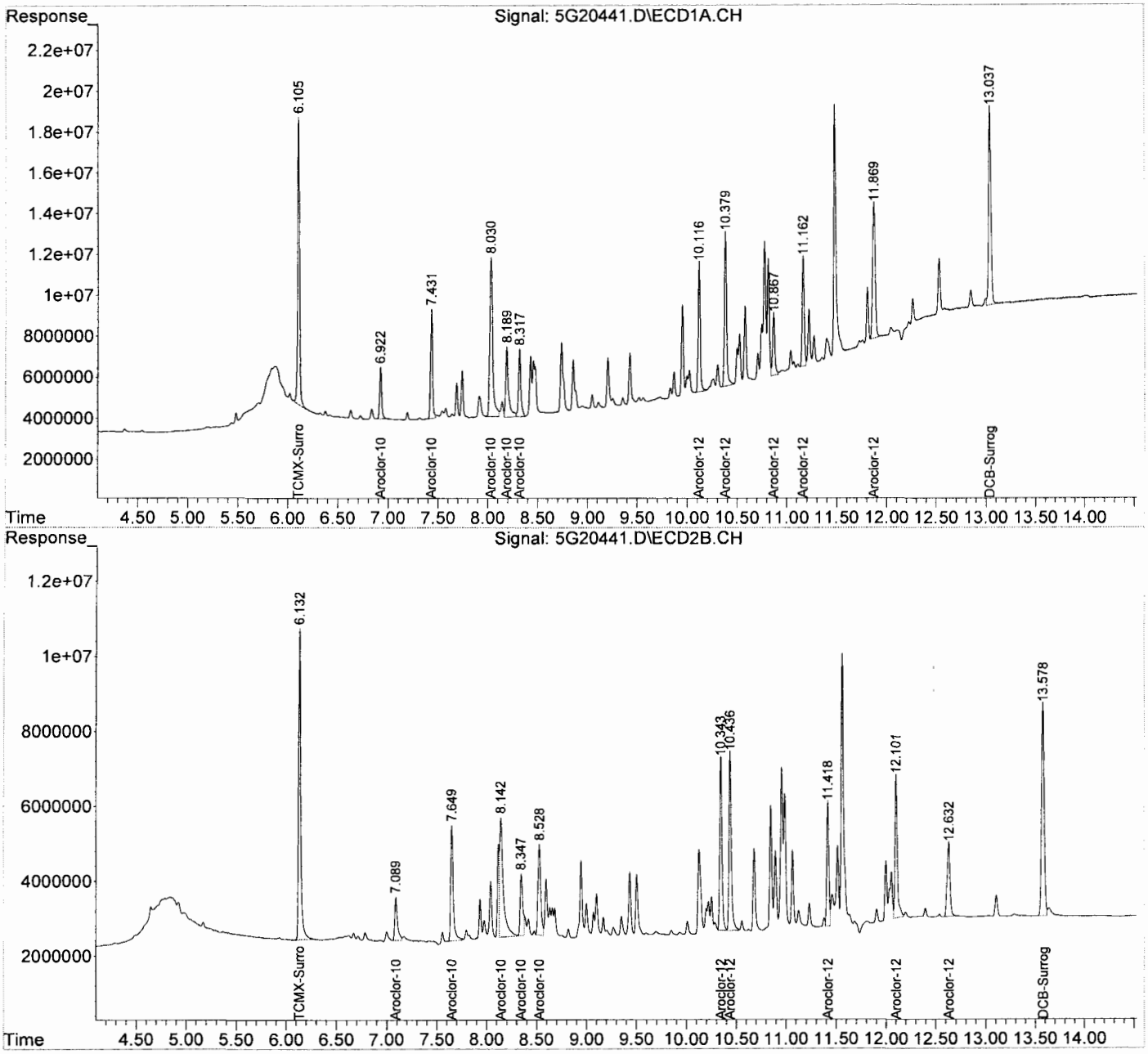
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.037	13.578	163.3E6	109.5E6	6.024m	6.359m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20441.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:26
Operator : JP
Sample : CAL 1660@50PPB
Misc : S,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:47:08 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20442.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:44
Operator : JP
Sample : CAL 1660@200PPB
Misc : S,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:01:17 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	721.2E6	448.5E6	21.522m	20.089m
2)Aroclor-1016 {1}	6.922	7.087	140.4E6	91497266	247.602	248.302
3)Aroclor-1016 {2}	7.432	7.650	284.2E6	197.2E6	242.587	229.914
4)Aroclor-1016 {3}	8.029	8.139	589.6E6	288.1E6	220.117	246.029m
5)Aroclor-1016 {4}	8.188	8.345	225.2E6	110.1E6	233.597	233.382m
6)Aroclor-1016 {5}	8.318	8.527	183.0E6	168.2E6	222.792	210.617m
7)Aroclor-1260 {1}	10.116	10.342	327.8E6	246.5E6	229.406	225.423m
8)Aroclor-1260 {2}	10.377	10.434	429.2E6	262.2E6	222.038	239.278m
9)Aroclor-1260 {3}	10.867	11.417	174.6E6	169.7E6	235.834	247.388
10)Aroclor-1260 {4}	11.162	12.101	296.1E6	219.7E6	231.285	227.716m
11)Aroclor-1260 {5}	11.870	12.632	487.1E6	148.6E6	219.293m	238.787m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20442.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:44
Operator : JP
Sample : CAL 1660@200PPB
Misc : S,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:01:17 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

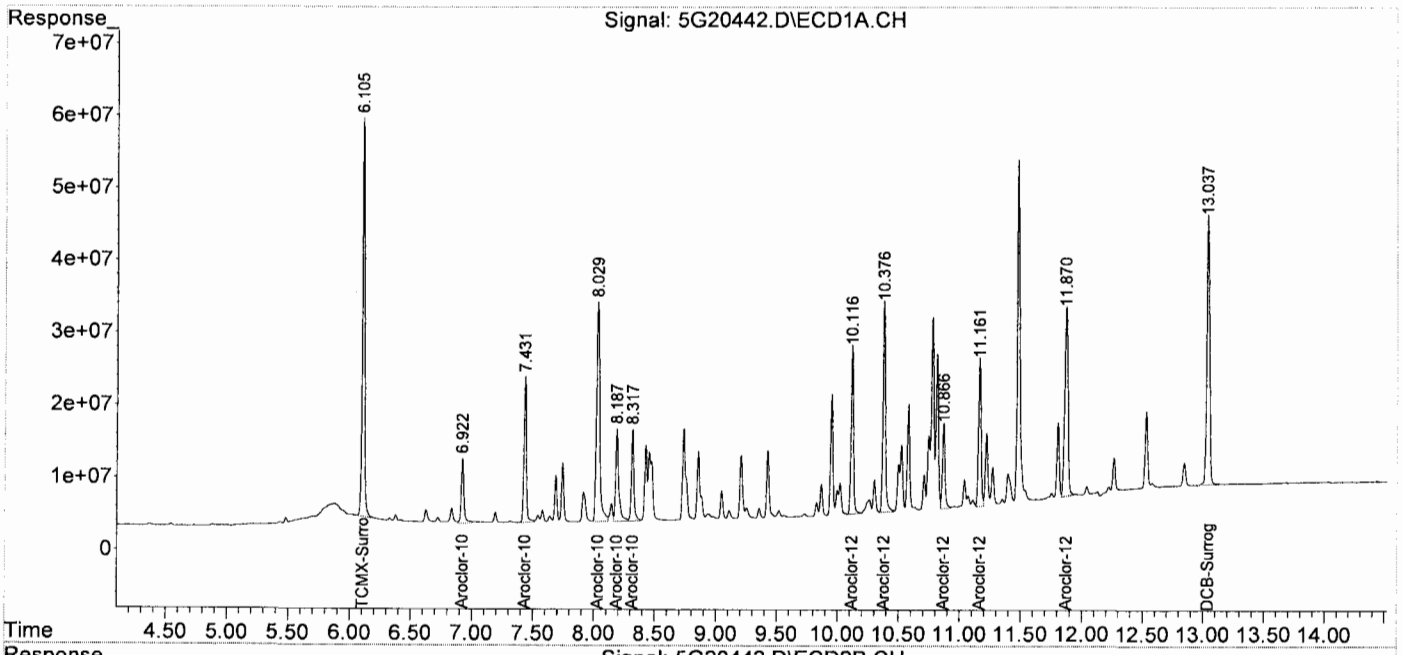
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.037	13.579	604.7E6	396.1E6	22.304m	22.999m

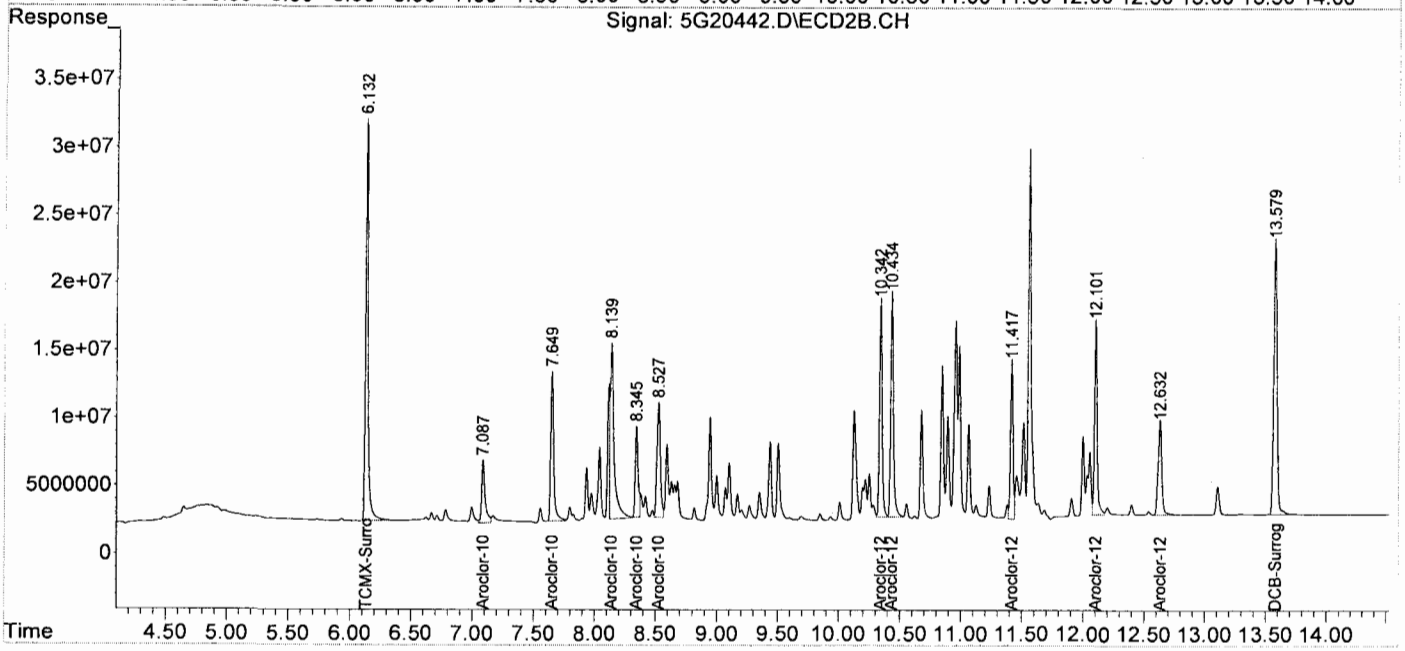
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20442.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:44
Operator : JP
Sample : CAL 1660@200PPB
Misc : S,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:01:17 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20436.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 7:54
Operator : JP
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 08:25:14 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Tue Feb 03 08:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.130	1738.7E6	1114.1E6	51.883m	49.901m
2)Aroclor-1016 {1}	6.922	7.081	310.8E6	170.6E6	554.972	467.281
3)Aroclor-1016 {2}	7.431	7.647	554.6E6	444.5E6	476.784	524.544
4)Aroclor-1016 {3}	8.028	8.134	1396.7E6	598.2E6	521.407	516.338
5)Aroclor-1016 {4}	8.187	8.339	536.4E6	259.9E6	561.219	550.715m
6)Aroclor-1016 {5}	8.317	8.524	401.1E6	398.0E6	488.284	502.549m
7)Aroclor-1260 {1}	10.114	10.340	760.7E6	590.8E6	532.276m	543.740
8)Aroclor-1260 {2}	10.376	10.431	1016.0E6	634.6E6	525.607m	579.166
9)Aroclor-1260 {3}	10.866	11.415	387.7E6	392.5E6	523.680m	572.124
10)Aroclor-1260 {4}	11.161	12.098	700.4E6	533.1E6	547.076m	552.484m
11)Aroclor-1260 {5}	11.869	12.630	1207.0E6	335.8E6	543.429m	539.710m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20436.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 7:54
Operator : JP
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 08:25:14 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Tue Feb 03 08:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

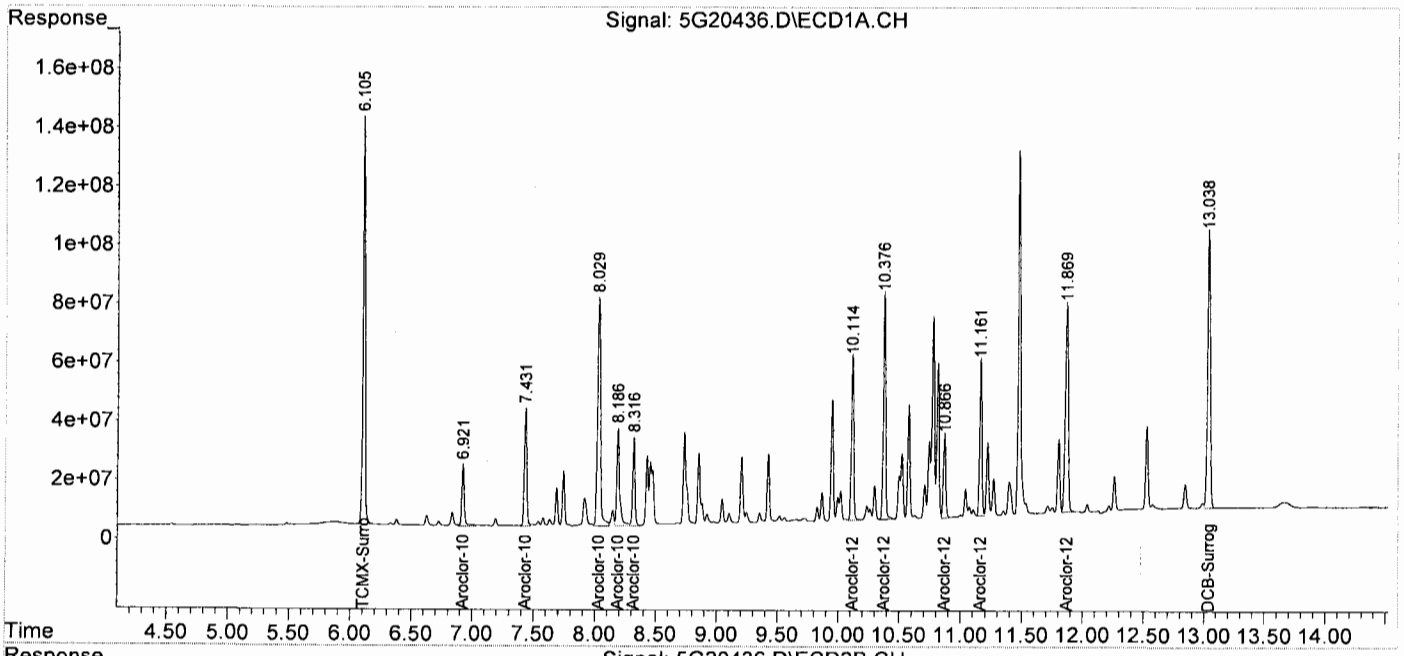
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.038	13.576	1497.3E6	934.9E6	55.228m	54.281m

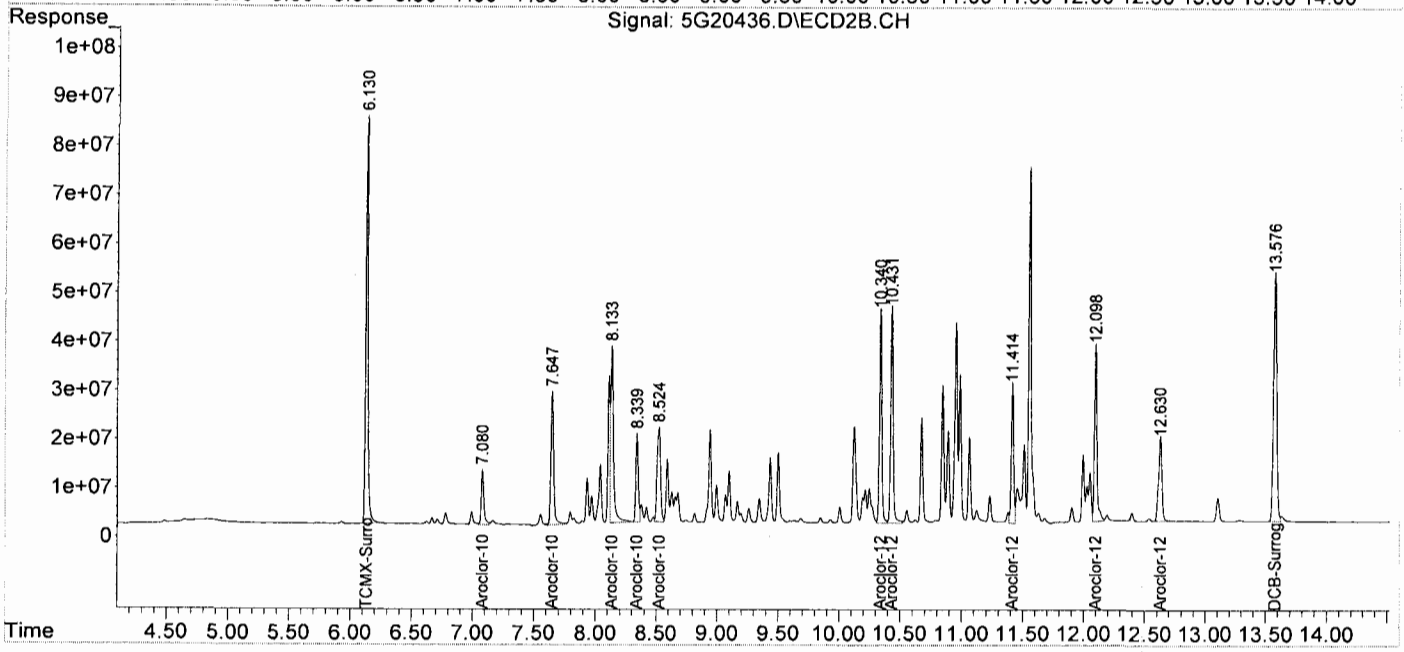
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20436.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 7:54
Operator : JP
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 08:25:14 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Tue Feb 03 08:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20440.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:08
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:44:18 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.104	6.131	3482.6E6	2178.0E6	103.924m	97.548m
2)Aroclor-1016 {1}	6.921	7.083	586.3E6	378.6E6	1069.440	1063.248
3)Aroclor-1016 {2}	7.431	7.648	1228.5E6	861.0E6	1075.873	1037.645
4)Aroclor-1016 {3}	8.028	8.135	2757.1E6	1190.1E6	1029.234	1048.967
5)Aroclor-1016 {4}	8.186	8.341	1017.4E6	507.5E6	1079.352	1075.364m
6)Aroclor-1016 {5}	8.316	8.525	860.2E6	793.7E6	1047.236	1017.647m
7)Aroclor-1260 {1}	10.114	10.341	1543.5E6	1155.2E6	1080.070	1074.231
8)Aroclor-1260 {2}	10.376	10.432	2058.1E6	1238.7E6	1064.721	1130.541
9)Aroclor-1260 {3}	10.865	11.416	826.5E6	772.7E6	1116.451	1126.225
10)Aroclor-1260 {4}	11.161	12.099	1437.1E6	1038.4E6	1122.535	1076.059m
11)Aroclor-1260 {5}	11.869	12.630	2447.9E6	676.4E6	1102.078m	1087.060m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20440.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:08
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:44:18 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.037	13.577	2968.3E6	1877.2E6	109.484m	108.998m

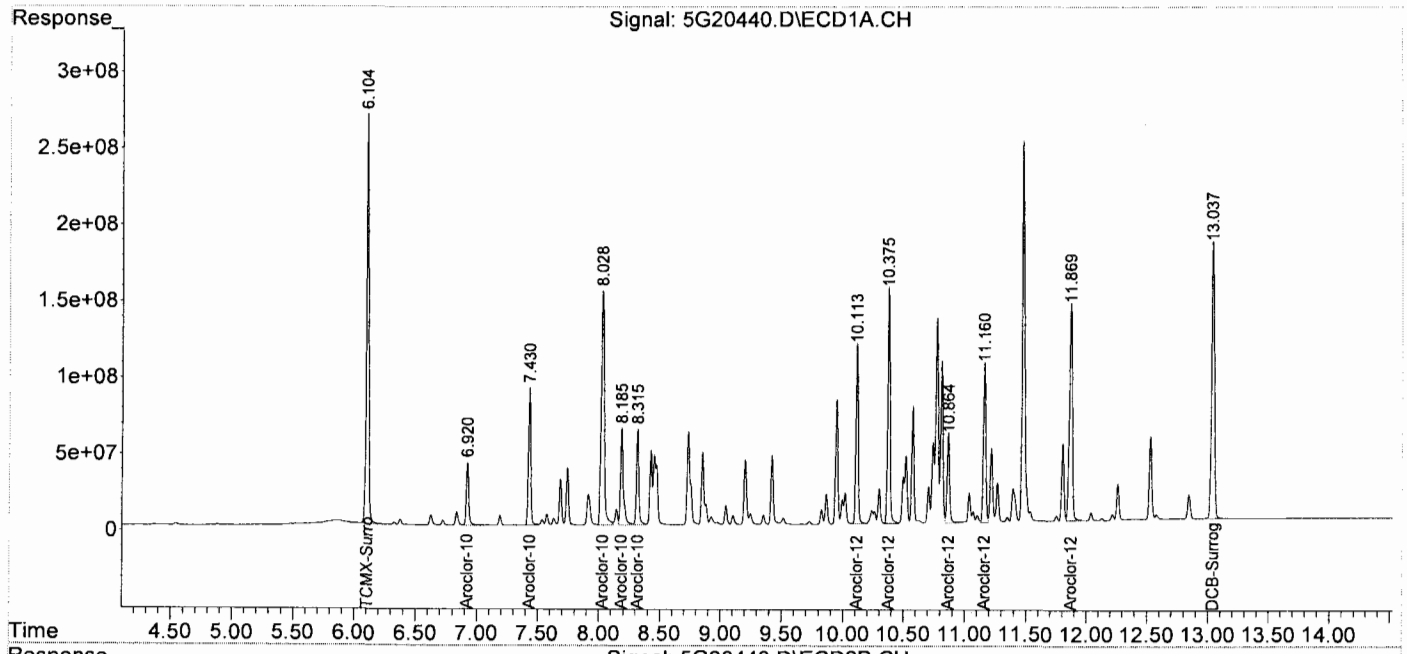
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

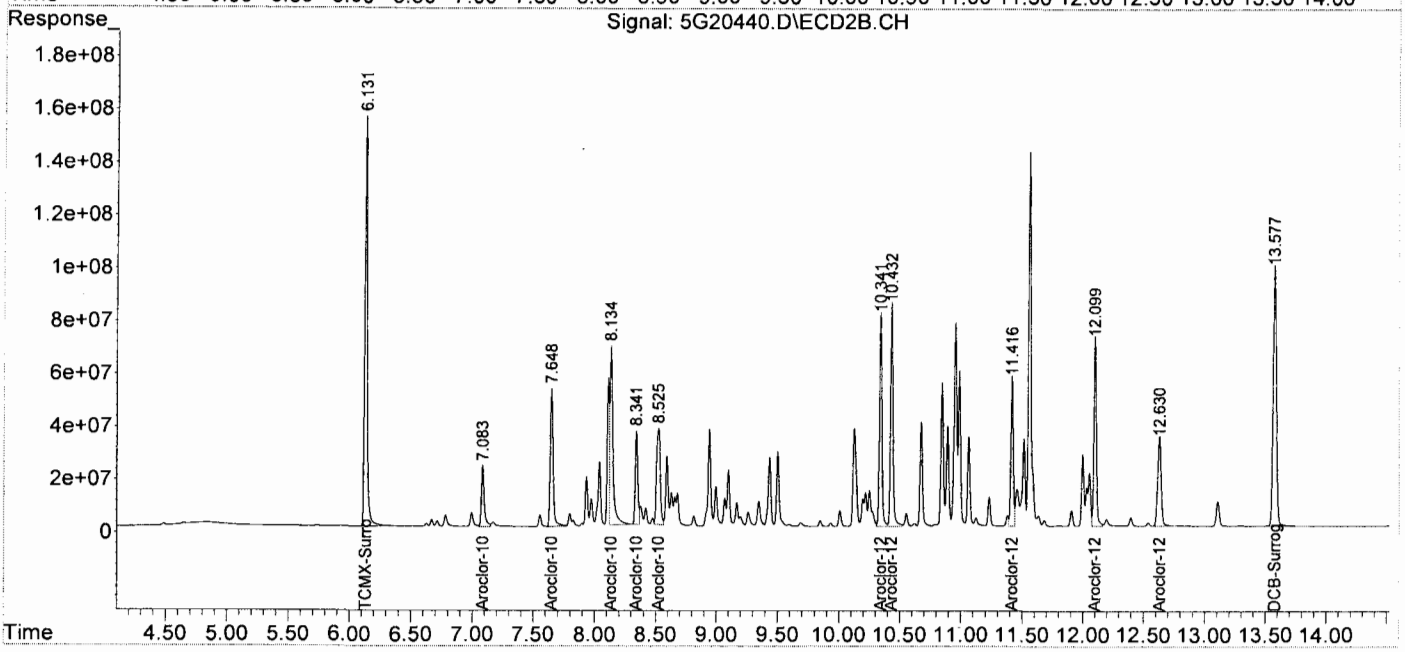
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20440.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 9:08
Operator : JP
Sample : CAL 1660@1000PPB
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:44:18 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20439.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 8:50
Operator : JP
Sample : CAL 1660@2000PPB
Misc : S,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:11:00 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.104	6.130	6705.5E6	4447.5E6	200.095m	199.199
2)Aroclor-1016 {1}	6.921	7.081	1078.5E6	680.7E6	2051.739	1990.959
3)Aroclor-1016 {2}	7.430	7.647	2279.0E6	1592.4E6	2059.119	1998.968
4)Aroclor-1016 {3}	8.026	8.133	5239.7E6	2182.0E6	1956.003	1998.960
5)Aroclor-1016 {4}	8.186	8.340	1916.1E6	968.1E6	2089.134	2051.459m
6)Aroclor-1016 {5}	8.315	8.523	1632.6E6	1496.7E6	1987.551	1975.027m
7)Aroclor-1260 {1}	10.114	10.340	2939.9E6	2192.1E6	2057.206	2079.603
8)Aroclor-1260 {2}	10.374	10.432	3952.6E6	2351.0E6	2044.772	2145.761
9)Aroclor-1260 {3}	10.865	11.417	1564.9E6	1486.3E6	2113.964	2166.482
10)Aroclor-1260 {4}	11.161	12.100	2787.5E6	1975.4E6	2177.389	2047.084m
11)Aroclor-1260 {5}	11.868	12.631	4819.7E6	1306.0E6	2169.903m	2098.998m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20439.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 8:50
Operator : JP
Sample : CAL 1660@2000PPB
Misc : S,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:11:00 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.037	13.577	5990.0E6	3670.3E6	220.936	213.114

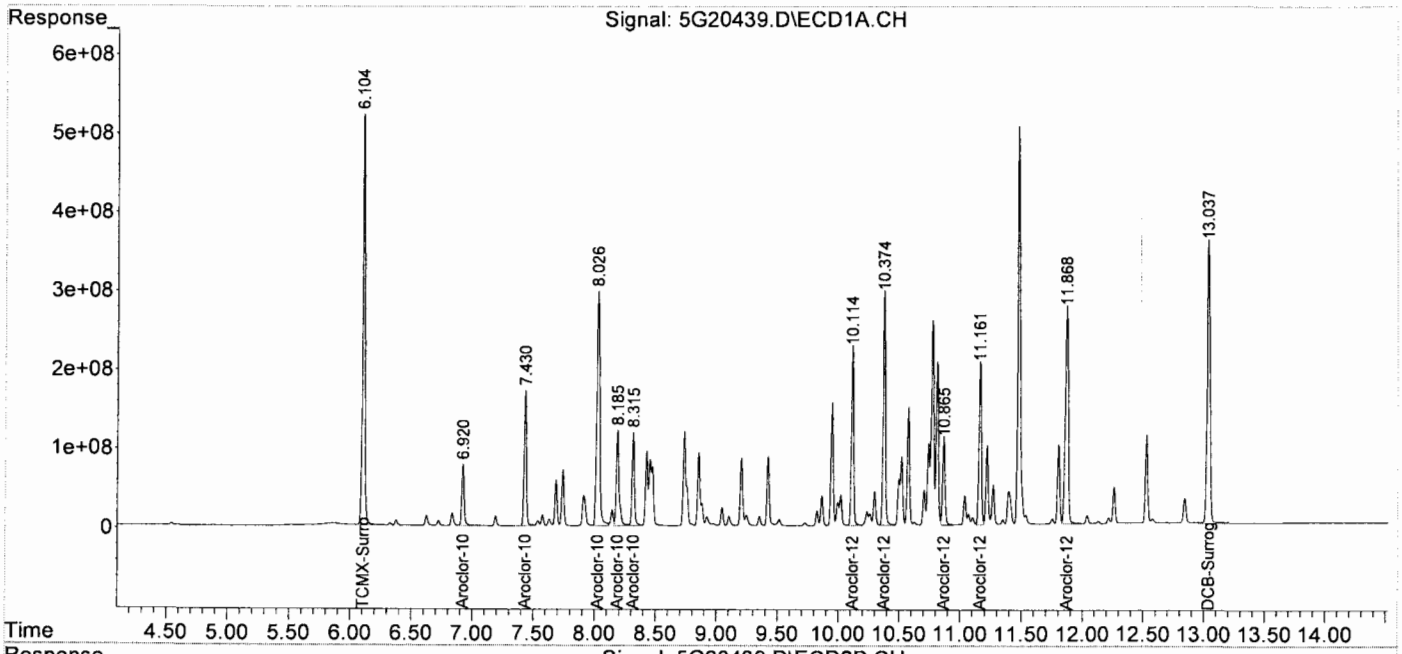
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

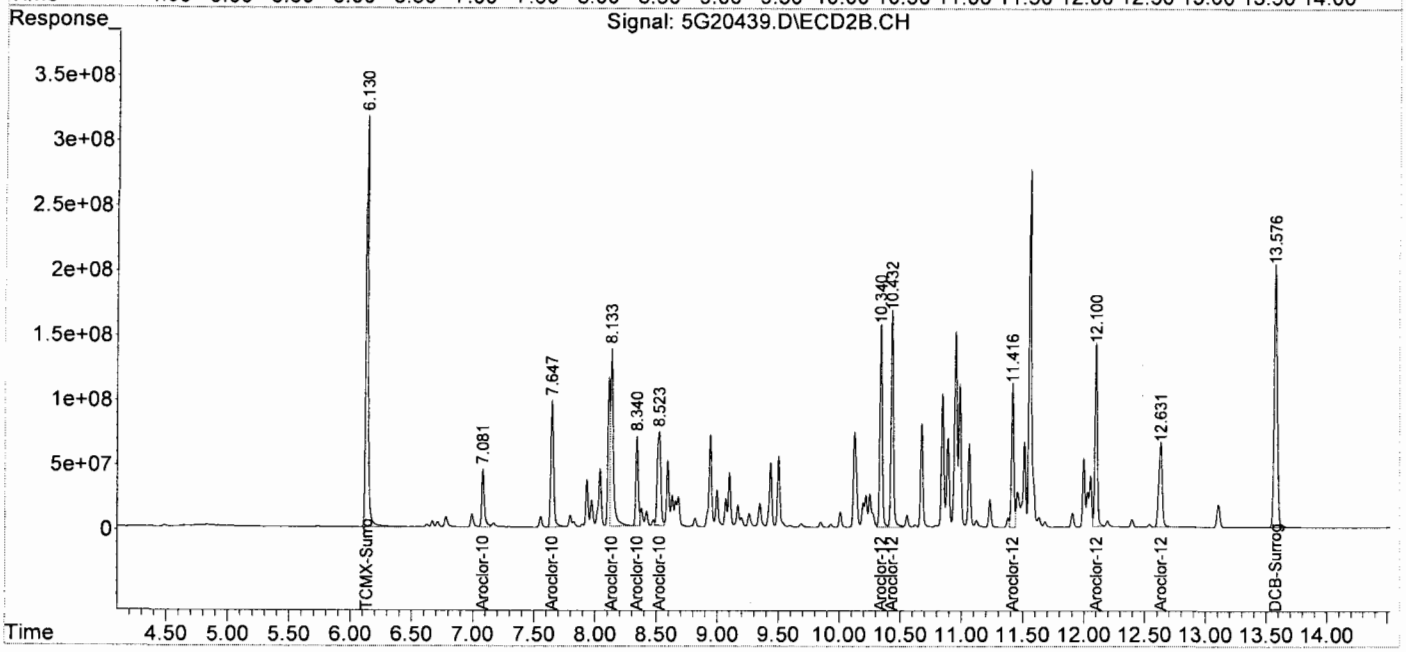
MS

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20439.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 8:50
Operator : JP
Sample : CAL 1660@2000PPB
Misc : S,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 09:11:00 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

0722

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20443.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:07
Operator : JP
Sample : CAL 1660@4000PPB
Misc : S,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:23:29 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.107	6.129	13854.2E6	8924.3E6	413.417m	399.708m
2)Aroclor-1016 {1}	6.923	7.080	2105.1E6	1346.9E6	4481.823	4418.393
3)Aroclor-1016 {2}	7.434	7.647	4499.9E6	3138.2E6	4397.381	4396.427
4)Aroclor-1016 {3}	8.030	8.132	10667.1E6	4387.6E6	3982.061	4479.727
5)Aroclor-1016 {4}	8.189	8.339	3860.6E6	1957.3E6	4509.491	4147.704m
6)Aroclor-1016 {5}	8.318	8.522	3331.2E6	3079.6E6	4055.528	4387.320m
7)Aroclor-1260 {1}	10.117	10.341	6123.8E6	4495.3E6	4285.157	4480.598
8)Aroclor-1260 {2}	10.377	10.433	8251.2E6	4817.3E6	4268.548	4396.724
9)Aroclor-1260 {3}	10.868	11.417	3296.6E6	3094.1E6	4453.328	4510.020
10)Aroclor-1260 {4}	11.163	12.099	5892.3E6	4185.7E6	4602.638	4337.617m
11)Aroclor-1260 {5}	11.870	12.630	10242.8E6	2760.1E6	4611.483m	4436.055m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20443.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:07
Operator : JP
Sample : CAL 1660@4000PPB
Misc : S,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:23:29 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

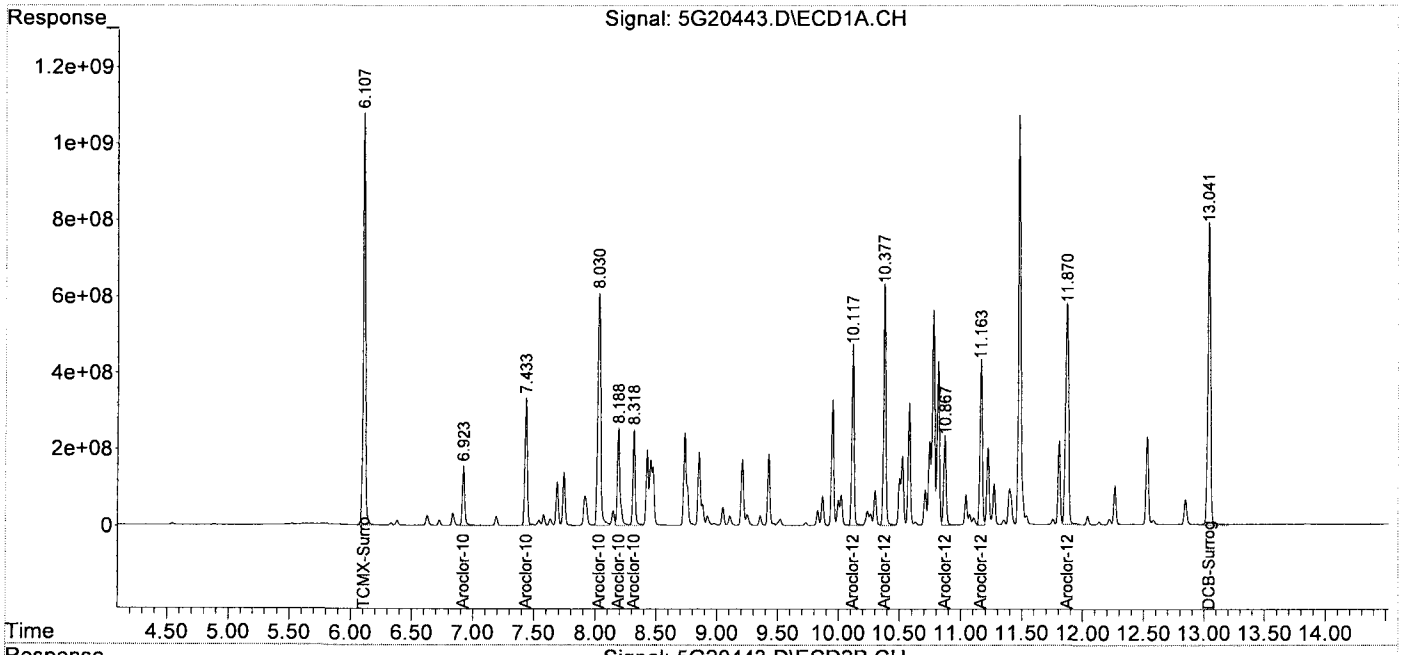
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.041	13.578	12690.1E6	7701.8E6	468.062	447.200

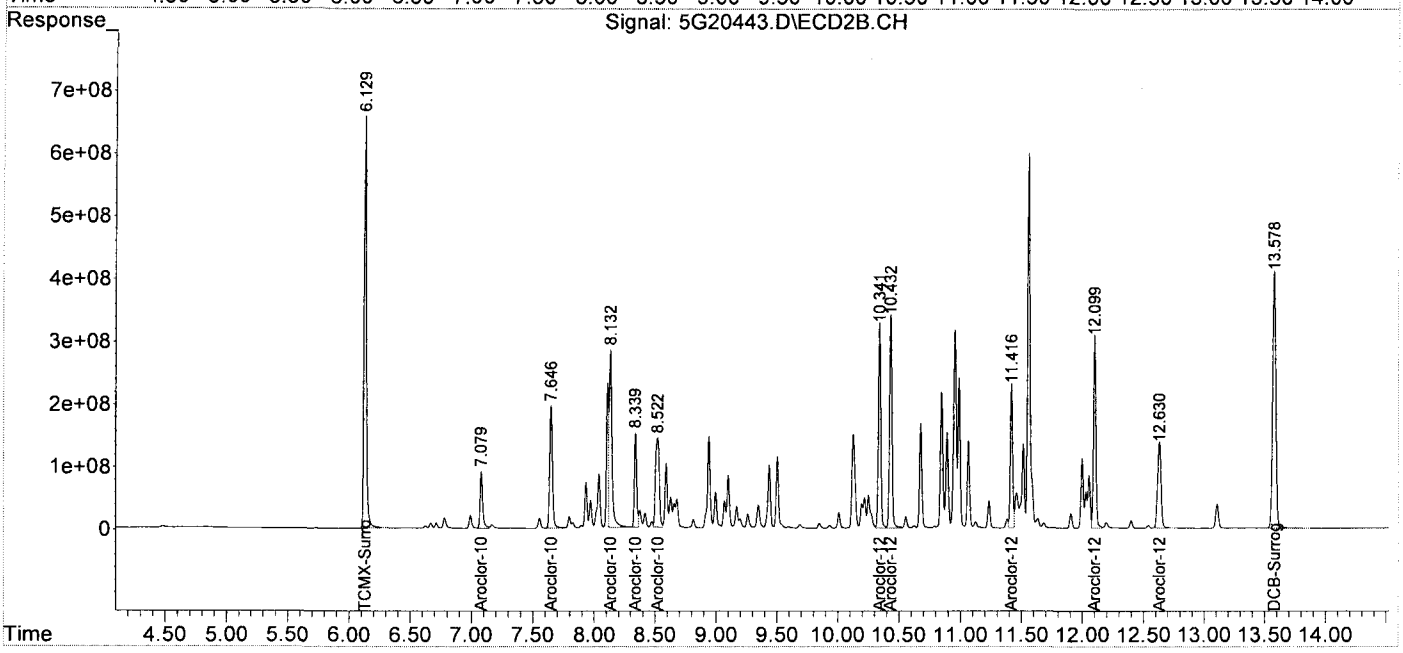
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20443.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:07
Operator : JP
Sample : CAL 1660@4000PPB
Misc : S,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:23:29 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 08:25:24 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20444.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:25
Operator : JP
Sample : CAL 3268@500PPB
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:45:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 10:42:42 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.104	6.131	1901.7E6	1160.2E6	56.748m	51.966m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	6.922	7.085	343.7E6	194.1E6	554.911	503.167
16)Aroclor-1232 {2}	7.432	7.649	288.9E6	240.6E6	524.537	517.351
17)Aroclor-1232 {3}	8.029	8.138	667.9E6	307.9E6	528.074	344.472m#
18)Aroclor-1232 {4}	8.188	8.344	254.6E6	122.0E6	533.868	501.756m
19)Aroclor-1232 {5}	8.427	8.526	172.6E6	203.4E6	521.220	495.509m
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	11.070	11.379	641.0E6	338.0E6	542.486m	536.271m
41)Aroclor-1268 {2}	11.160	11.509	209.1E6	108.4E6	546.992m	529.822m
42)Aroclor-1268 {3}	11.478	11.560	294.3E6	184.6E6	566.840m	567.778m

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20444.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:25
Operator : JP
Sample : CAL 3268@500PPB
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:45:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 10:42:42 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	12.038	12.396	2163.2E6	1211.8E6	537.965m	544.199m
44)Aroclor-1268 {5}	12.132	12.537	503.1E6	304.6E6	541.744m	552.310m
45)DCB-Surrogate	13.037	13.577	2731.6E6	1734.4E6	100.754m	100.708m

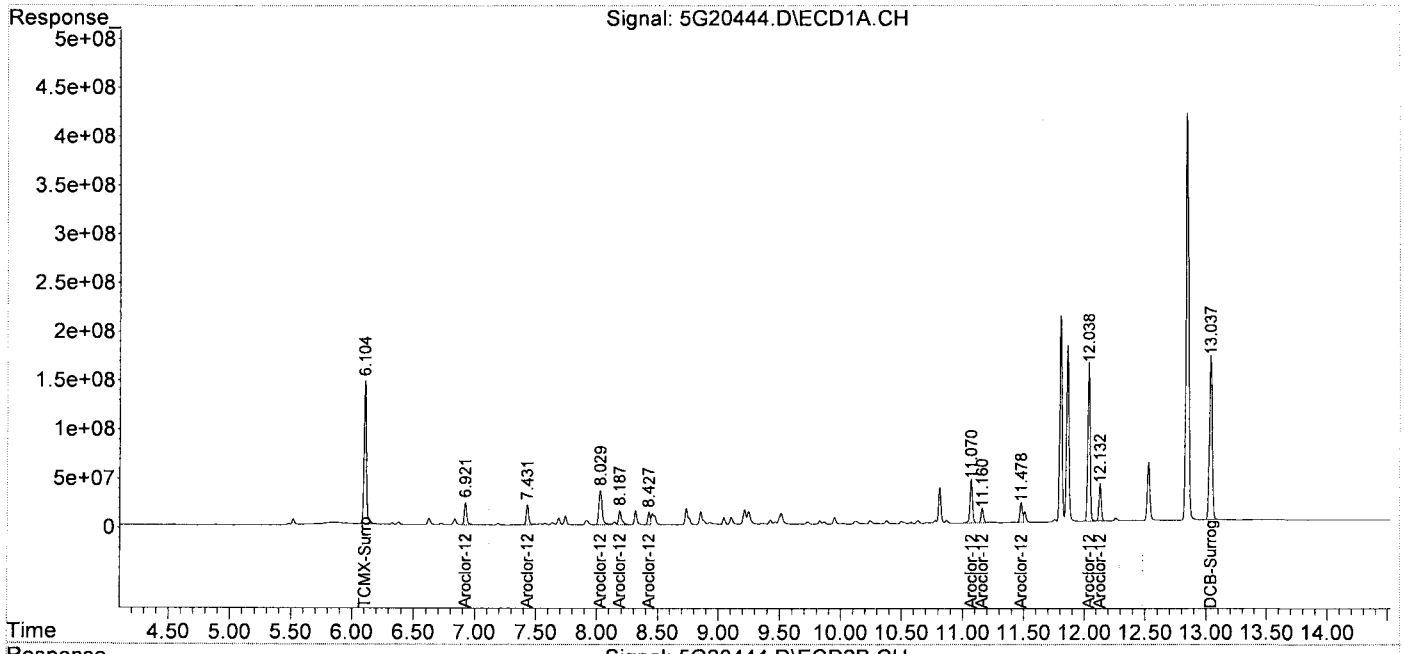
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

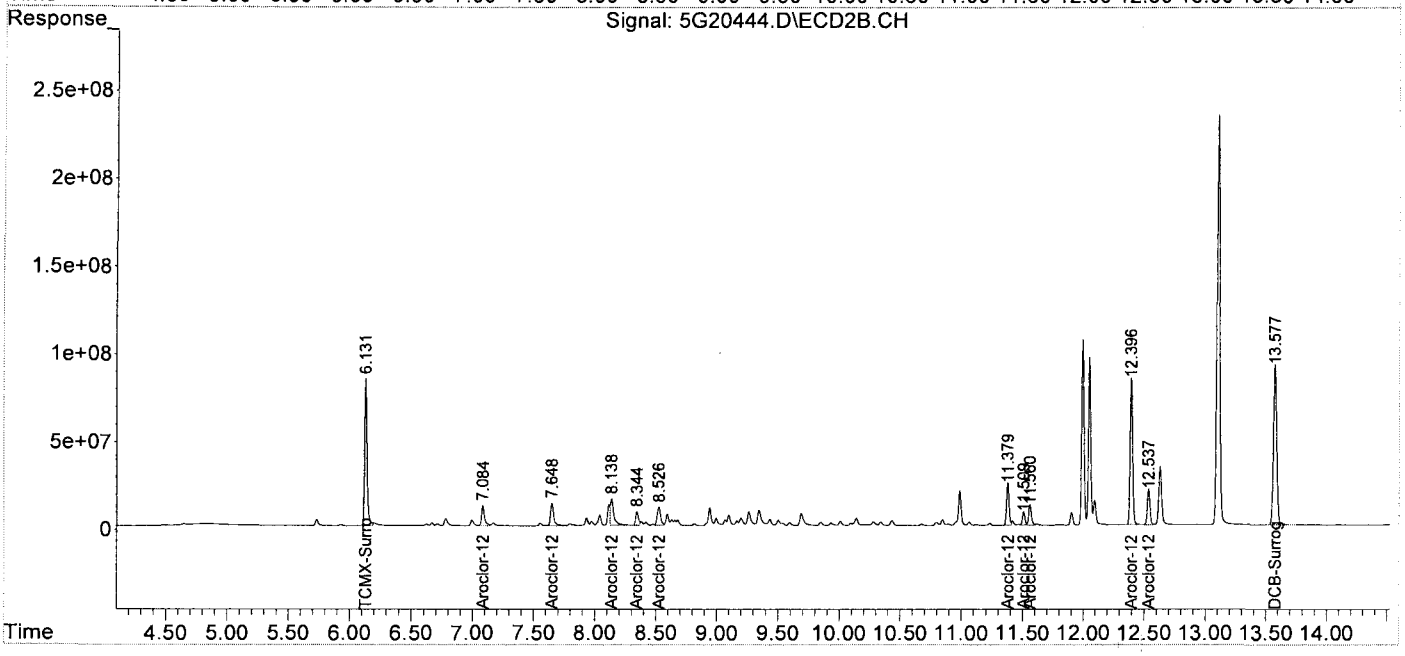
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20444.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:25
Operator : JP
Sample : CAL 3268@500PPB
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 10:45:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 10:42:42 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20445.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:43
Operator : JP
Sample : CAL 1242@500PPB
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:15:32 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:14:03 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.131	1840.4E6	1194.3E6	54.920m	53.489m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	6.921	7.086	260.2E6	164.8E6	503.204m	499.476m
21)Aroclor-1242 {2}	7.431	7.649	502.4E6	375.8E6	520.022m	511.623
22)Aroclor-1242 {3}	8.029	8.139	1155.9E6	527.7E6	520.392	519.928
23)Aroclor-1242 {4}	8.427	8.526	264.9E6	326.1E6	524.140m	487.151m
24)Aroclor-1242 {5}	8.736	8.944	504.6E6	271.3E6	534.011	488.553
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20445.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:43
Operator : JP
Sample : CAL 1242@500PPB
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:15:32 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:14:03 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.038	13.576	1528.5E6	979.1E6	56.376m	56.853m

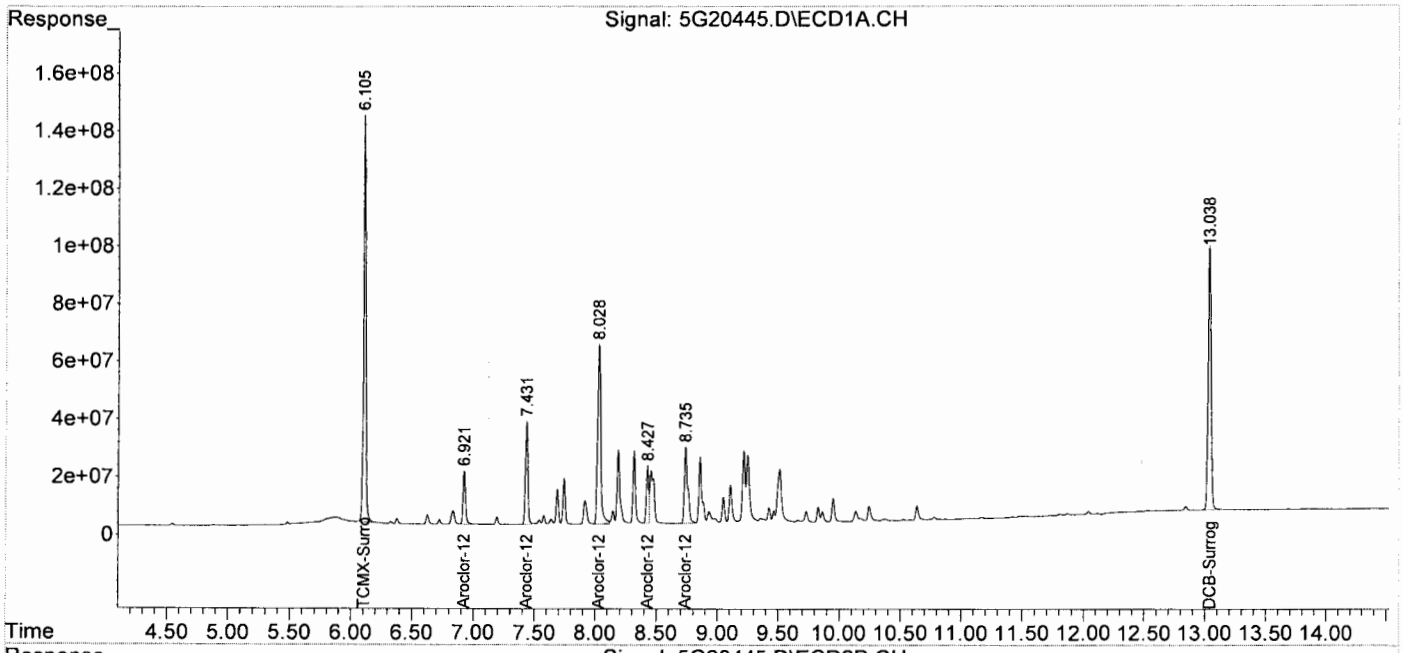
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

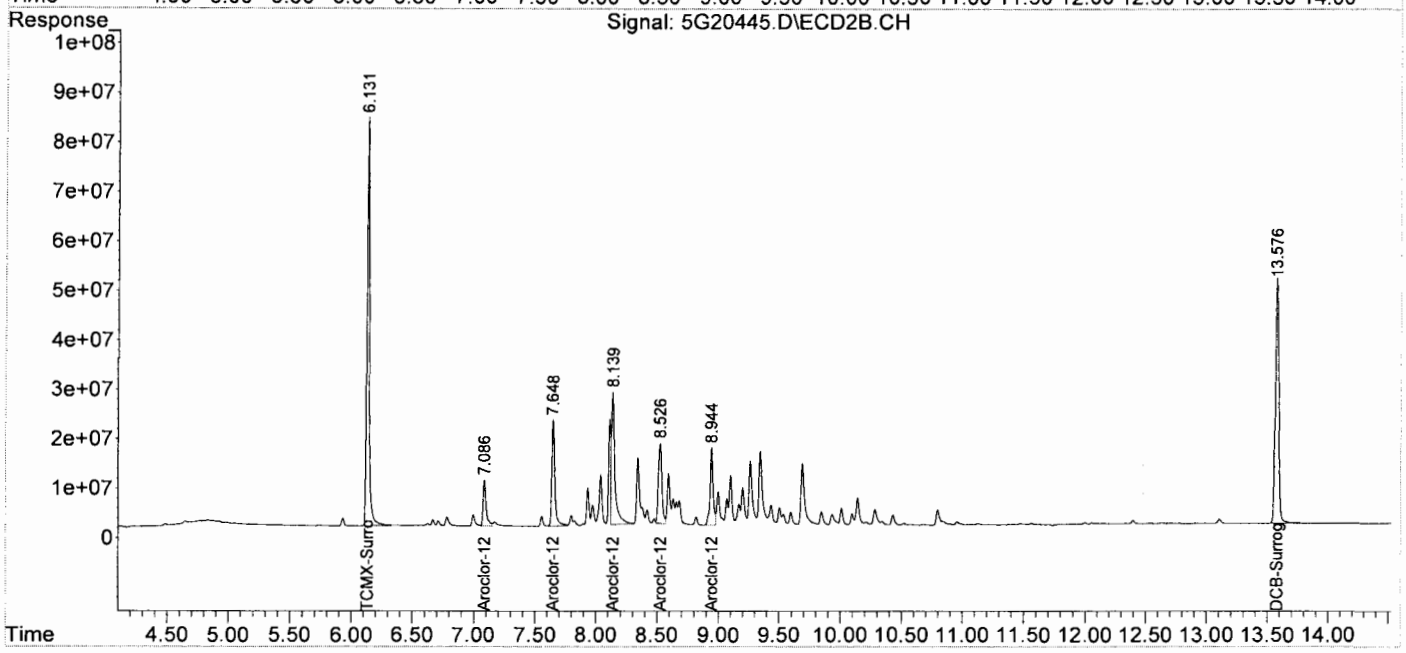
MS

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20445.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 10:43
Operator : JP
Sample : CAL 1242@500PPB
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:15:32 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:14:03 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20446.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:02
Operator : JP
Sample : CAL 1248@500PPB
Misc : S,PCB
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:30:57 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:29:58 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.104	6.132	1816.2E6	1162.9E6	54.195m	52.085m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	7.431	7.649	253.2E6	183.5E6	525.595m	514.178
26)Aroclor-1248 {2}	8.028	8.117	723.6E6	181.1E6	523.701	470.238
27)Aroclor-1248 {3}	8.428	8.529	463.4E6	370.5E6	517.578	497.424m
28)Aroclor-1248 {4}	8.736	8.944	771.8E6	391.1E6	530.331	506.662
29)Aroclor-1248 {5}	8.854	9.345	628.4E6	489.6E6	536.175	509.547
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20446.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:02
Operator : JP
Sample : CAL 1248@500PPB
Misc : S,PCB
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:30:57 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:29:58 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.038	13.578	1510.1E6	968.8E6	55.700m	56.251m

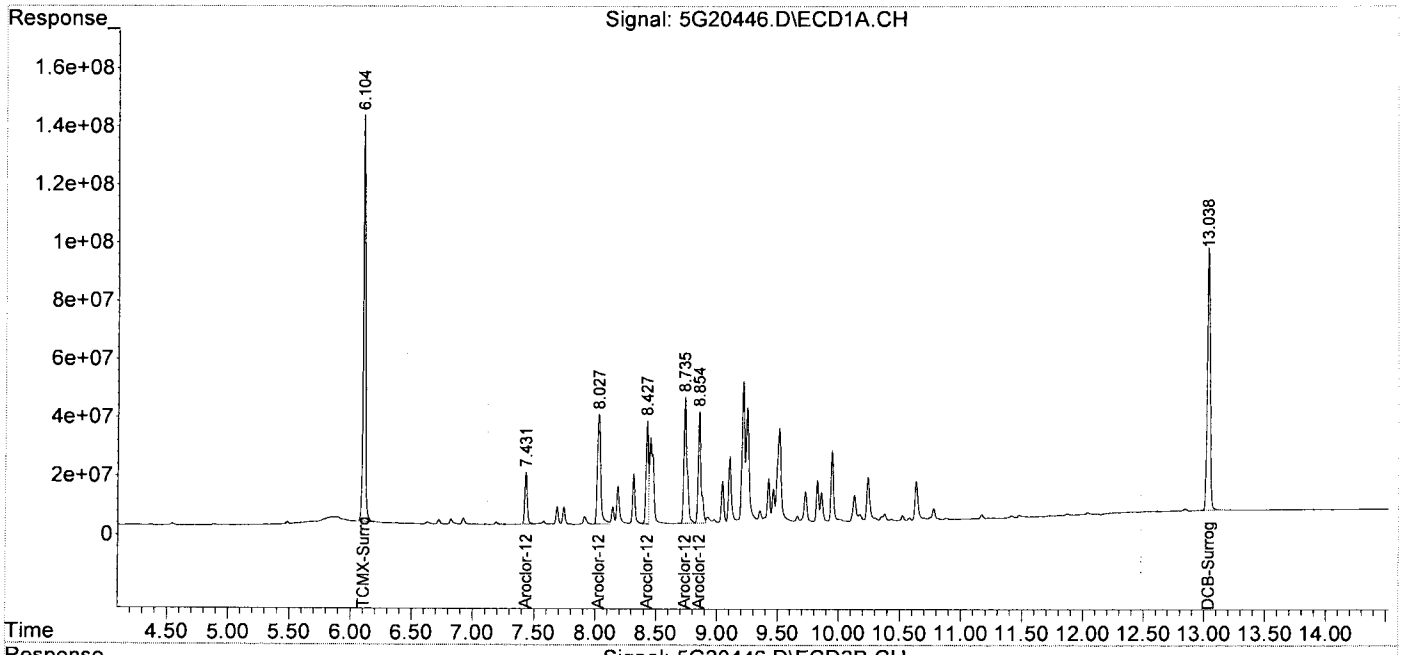
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

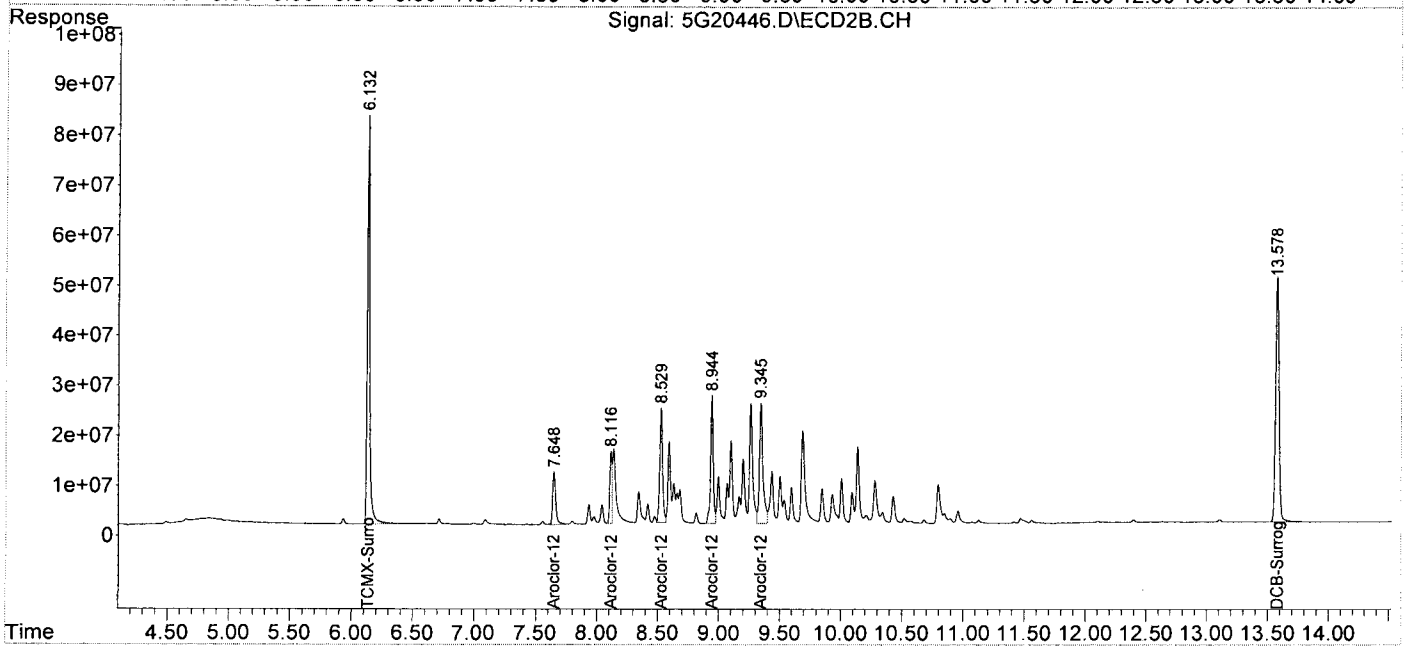
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20446.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:02
Operator : JP
Sample : CAL 1248@500PPB
Misc : S,PCB
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:30:57 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:29:58 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20447.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:20
Operator : JP
Sample : CAL 2154@500PPB
Misc : S,PCB
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:42:03 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.104	6.132	1854.2E6	1135.0E6	55.329m	50.836
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	6.622	6.780	185.4E6	138.1E6	511.924m	497.284m
13)Aroclor-1221 {2}	6.834	6.994	147.7E6	89116477	501.863m	493.770
14)Aroclor-1221 {3}	6.921	7.084	460.5E6	271.0E6	512.695m	497.341
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	9.947	9.501	1167.3E6	476.3E6	527.656	494.157m
31)Aroclor-1254 {2}	10.117	9.932	569.4E6	206.0E6	537.108	490.421m
32)Aroclor-1254 {3}	10.377	10.342	607.1E6	360.0E6	535.568	503.829m
33)Aroclor-1254 {4}	10.629	10.791	489.9E6	288.2E6	526.257	594.739m
34)Aroclor-1254 {5}	10.774	11.469	976.5E6	185.0E6	520.350m	498.052m
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20447.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:20
Operator : JP
Sample : CAL 2154@500PPB
Misc : S,PCB
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:42:03 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

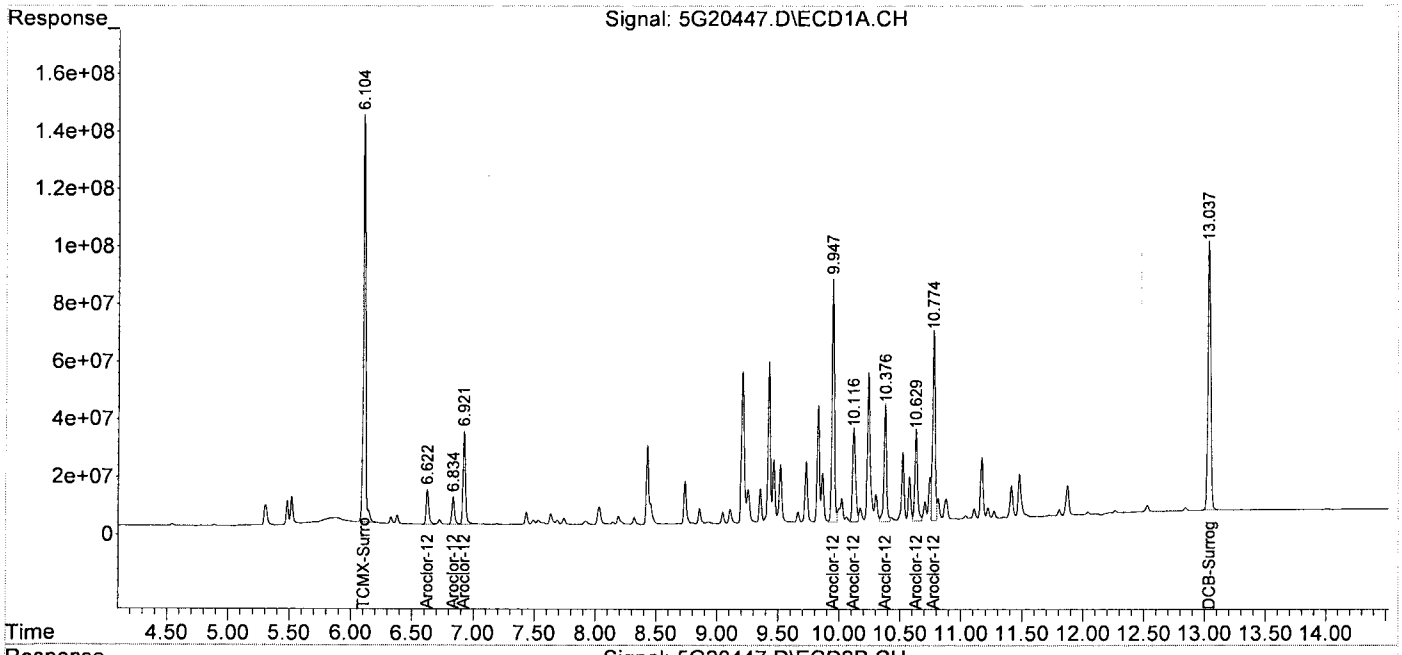
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.037	13.577	1514.0E6	980.2E6	55.843m	56.917m

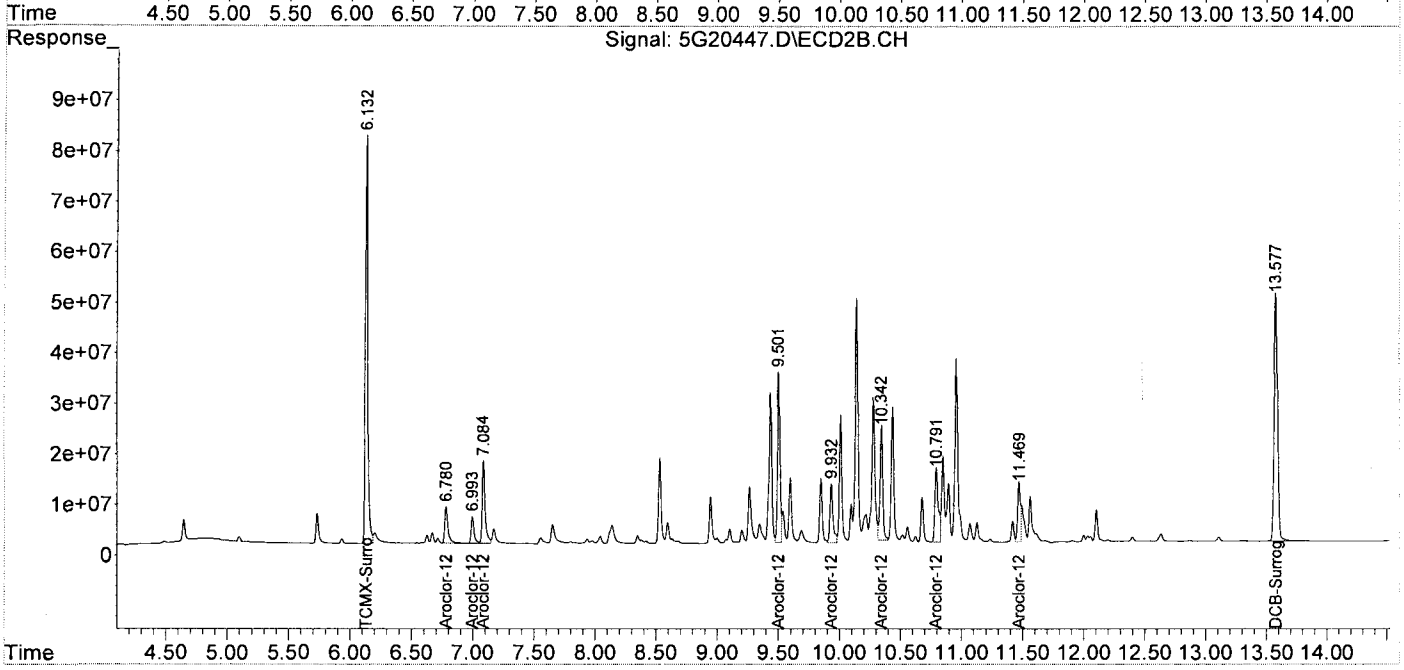
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20447.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:20
Operator : JP
Sample : CAL 2154@500PPB
Misc : S,PCB
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 11:42:03 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 11:37:59 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20448.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:38
Operator : JP
Sample : CAL 1262@500PPB
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 12:09:48 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:07:32 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	1881.6E6	1159.5E6	56.149m	51.934m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	10.377	10.846	863.1E6	412.9E6	530.079m	545.595
36)Aroclor-1262 {2}	11.803	11.996	907.5E6	500.8E6	547.380m	536.565m
37)Aroclor-1262 {3}	11.865	12.099	1651.0E6	565.9E6	547.696m	564.289m
38)Aroclor-1262 {4}	12.528	12.631	780.8E6	664.0E6	537.030m	542.936m
39)Aroclor-1262 {5}	12.843	13.107	262.8E6	172.3E6	539.128m	545.918m
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20448.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:38
Operator : JP
Sample : CAL 1262@500PPB
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 12:09:48 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:07:32 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

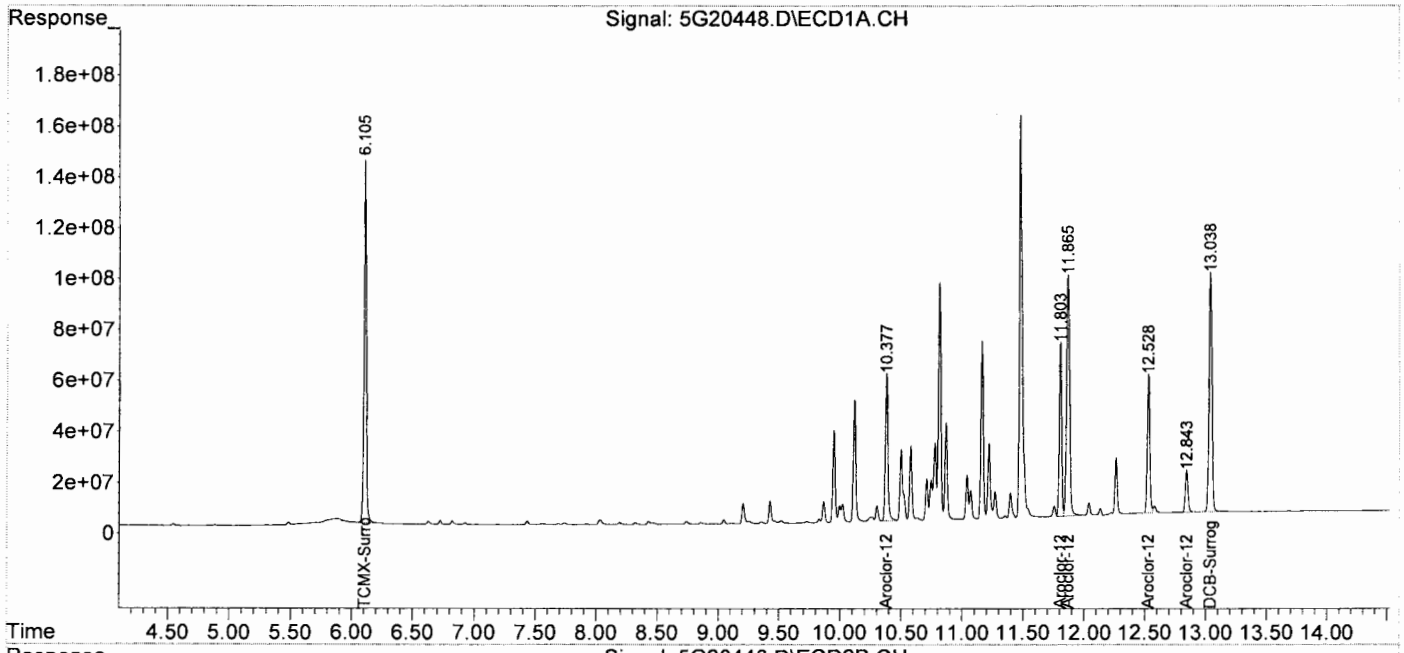
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	13.038	13.576	1576.1E6	1005.0E6	58.133m	58.357m

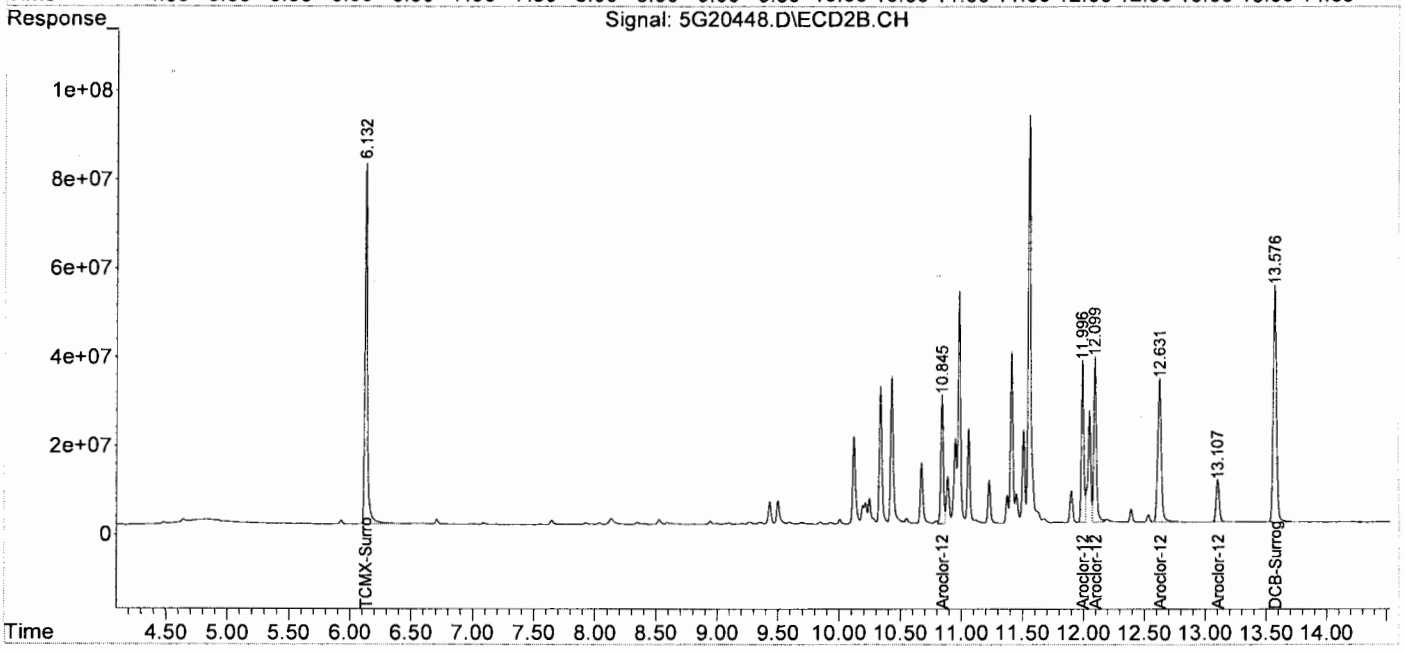
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-12-09\
Data File : 5G20448.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Feb 2009 11:38
Operator : JP
Sample : CAL 1262@500PPB
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 12 12:09:48 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:07:32 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form7
Continuing Calibration

Method: EPA 608

Data File:				5G20605.D			5G20791.D										
Method:				608			608										
Calibration Name:				CAL 1660@500PP			CAL 1660@500PP										
Calibration Date/Time				02/19/09 07:50			02/27/09 07:50										
					Conc			Conc			Conc			Conc			Conc	
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	52.22	50	4.4	54.45	50	8.9									
Aroclor-1016	15	1	1	580.1	500	16.0*	567.1	500	13.4									
Aroclor-1016	15	1	2	481.6	500	3.7	466.0	500	6.8									
Aroclor-1016	15	1	3	514.5	500	2.9	511.2	500	2.2									
Aroclor-1016	15	1	4	570.3	500	14.1	582.7	500	16.5*									
Aroclor-1016	15	1	5	535.7	500	7.1	575.6	500	15.1									
Aroclor-1260	15	1	1	519.1	500	3.8	518.3	500	3.7									
Aroclor-1260	15	1	2	518.6	500	3.7	517.2	500	3.4									
Aroclor-1260	15	1	3	510.9	500	2.2	531.6	500	6.3									
Aroclor-1260	15	1	4	491.0	500	1.8	501.7	500	0.3									
Aroclor-1260	15	1	5	510.6	500	2.1	494.1	500	1.2									
DCB-Surrogate	15	1	0	51.23	50	2.5	49.8	50	0.4									
TCMX-Surrogate	15	2	0	52.47	50	4.9	52.7	50	5.4									
Aroclor-1016	15	2	1	489.3	500	2.1	474.6	500	5.1									
Aroclor-1016	15	2	2	558.4	500	11.7	554.7	500	10.9									
Aroclor-1016	15	2	3	538.3	500	7.7	525.1	500	5.0									
Aroclor-1016	15	2	4	502.9	500	0.6	491.5	500	1.7									
Aroclor-1016	15	2	5	489.7	500	2.1	490.5	500	1.9									
Aroclor-1260	15	2	1	536.6	500	7.3	539.1	500	7.8									
Aroclor-1260	15	2	2	503.1	500	0.6	496.2	500	0.8									
Aroclor-1260	15	2	3	484.9	500	3.0	464.9	500	7.0									
Aroclor-1260	15	2	4	488.5	500	2.3	459.3	500	8.2									
Aroclor-1260	15	2	5	511.6	500	2.3	463.3	500	7.3									
DCB-Surrogate	15	2	0	50.32	50	0.6	46.96	50	6.1									

Flags/Notes: **** - Values outside of limits for this column/run***

Form7
RtWindow Summary

Method: EPA 608

			Data File: 5G20441.D		5G20605.D		5G20791.D					
			Calibration Name: CAL 1660@50PPB		CAL 1660@500PPB		CAL 1660@500PPB					
			Calibration Date/Time 2/12/2009 9:26:00 AM		2/19/2009 7:50:00 AM		2/27/2009 7:50:00 AM					
Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	6.10	(6.04 - 6.16)	6.10	(6.04 - 6.16)	6.10	(6.04 - 6.16)				
Aroclor-1016	1	1	6.92	(6.88 - 6.96)	6.92	(6.88 - 6.96)	6.92	(6.88 - 6.96)				
Aroclor-1016	1	2	7.43	(7.39 - 7.47)	7.43	(7.39 - 7.47)	7.43	(7.39 - 7.47)				
Aroclor-1016	1	3	8.03	(7.99 - 8.07)	8.03	(7.99 - 8.07)	8.02	(7.98 - 8.06)				
Aroclor-1016	1	4	8.19	(8.15 - 8.23)	8.19	(8.15 - 8.23)	8.18	(8.14 - 8.22)				
Aroclor-1016	1	5	8.32	(8.28 - 8.36)	8.32	(8.28 - 8.36)	8.31	(8.27 - 8.35)				
Aroclor-1260	1	1	10.12	(10.08 - 10.16)	10.11	(10.07 - 10.15)	10.11	(10.07 - 10.15)				
Aroclor-1260	1	2	10.38	(10.34 - 10.42)	10.37	(10.33 - 10.41)	10.37	(10.33 - 10.41)				
Aroclor-1260	1	3	10.87	(10.83 - 10.91)	10.86	(10.82 - 10.90)	10.86	(10.82 - 10.90)				
Aroclor-1260	1	4	11.16	(11.12 - 11.20)	11.16	(11.12 - 11.20)	11.15	(11.11 - 11.19)				
Aroclor-1260	1	5	11.87	(11.83 - 11.91)	11.87	(11.83 - 11.91)	11.86	(11.82 - 11.90)				
Aroclor-1221	1	1	6.62	(6.58 - 6.66)								
Aroclor-1221	1	2	6.83	(6.79 - 6.87)								
Aroclor-1221	1	3	6.92	(6.88 - 6.96)								
Aroclor-1232	1	1	6.92	(6.88 - 6.96)								
Aroclor-1232	1	2	7.43	(7.39 - 7.47)								
Aroclor-1232	1	3	8.03	(7.99 - 8.07)								
Aroclor-1232	1	4	8.19	(8.15 - 8.23)								
Aroclor-1232	1	5	8.43	(8.39 - 8.47)								
Aroclor-1242	1	1	6.92	(6.88 - 6.96)								
Aroclor-1242	1	2	7.43	(7.39 - 7.47)								
Aroclor-1242	1	3	8.03	(7.99 - 8.07)								
Aroclor-1242	1	4	8.43	(8.39 - 8.47)								
Aroclor-1242	1	5	8.74	(8.70 - 8.78)								
Aroclor-1248	1	1	7.43	(7.39 - 7.47)								
Aroclor-1248	1	2	8.03	(7.99 - 8.07)								
Aroclor-1248	1	3	8.43	(8.39 - 8.47)								
Aroclor-1248	1	4	8.74	(8.70 - 8.78)								
Aroclor-1248	1	5	8.85	(8.81 - 8.89)								
Aroclor-1254	1	1	9.95	(9.91 - 9.99)								
Aroclor-1254	1	2	10.12	(10.08 - 10.16)								
Aroclor-1254	1	3	10.38	(10.34 - 10.42)								
Aroclor-1254	1	4	10.63	(10.59 - 10.67)								
Aroclor-1254	1	5	10.77	(10.73 - 10.81)								
Aroclor-1262	1	1	10.38	(10.34 - 10.42)								
Aroclor-1262	1	2	11.80	(11.76 - 11.84)								
Aroclor-1262	1	3	11.86	(11.82 - 11.90)								
Aroclor-1262	1	4	12.53	(12.49 - 12.57)								
Aroclor-1262	1	5	12.84	(12.80 - 12.88)								
Aroclor-1268	1	1	11.07	(11.03 - 11.11)								
Aroclor-1268	1	2	11.16	(11.12 - 11.20)								
Aroclor-1268	1	3	11.48	(11.44 - 11.52)								
Aroclor-1268	1	4	12.04	(12.00 - 12.08)								
Aroclor-1268	1	5	12.13	(12.09 - 12.17)								
DCB-Surrogate	1	0	13.04	(12.98 - 13.10)	13.04	(12.98 - 13.10)	13.03	(12.97 - 13.09)				
TCMX-Surrogate	2	0	6.13	(6.07 - 6.19)	6.13	(6.07 - 6.19)	6.13	(6.07 - 6.19)				
Aroclor-1016	2	1	7.08	(7.04 - 7.12)	7.08	(7.04 - 7.12)	7.08	(7.04 - 7.12)				
Aroclor-1016	2	2	7.65	(7.61 - 7.69)	7.65	(7.61 - 7.69)	7.64	(7.60 - 7.68)				
Aroclor-1016	2	3	8.14	(8.10 - 8.18)	8.13	(8.09 - 8.17)	8.13	(8.09 - 8.17)				
Aroclor-1016	2	4	8.34	(8.30 - 8.38)	8.34	(8.30 - 8.38)	8.34	(8.30 - 8.38)				
Aroclor-1016	2	5	8.52	(8.48 - 8.56)	8.52	(8.48 - 8.56)	8.52	(8.48 - 8.56)				
Aroclor-1260	2	1	10.34	(10.30 - 10.38)	10.34	(10.30 - 10.38)	10.34	(10.30 - 10.38)				
Aroclor-1260	2	2	10.43	(10.39 - 10.47)	10.43	(10.39 - 10.47)	10.43	(10.39 - 10.47)				
Aroclor-1260	2	3	11.42	(11.38 - 11.46)	11.41	(11.37 - 11.45)	11.41	(11.37 - 11.45)				
Aroclor-1260	2	4	12.10	(12.06 - 12.14)	12.10	(12.06 - 12.14)	12.09	(12.05 - 12.13)				
Aroclor-1260	2	5	12.63	(12.59 - 12.67)	12.63	(12.59 - 12.67)	12.62	(12.58 - 12.66)				
Aroclor-1221	2	1	6.78	(6.74 - 6.82)								
Aroclor-1221	2	2	6.99	(6.95 - 7.03)								
Aroclor-1221	2	3	7.08	(7.04 - 7.12)								
Aroclor-1232	2	1	7.08	(7.04 - 7.12)								
Aroclor-1232	2	2	7.65	(7.61 - 7.69)								
Aroclor-1232	2	3	8.14	(8.10 - 8.18)								
Aroclor-1232	2	4	8.34	(8.30 - 8.38)								
Aroclor-1232	2	5	8.53	(8.49 - 8.57)								
Aroclor-1242	2	1	7.09	(7.05 - 7.13)								
Aroclor-1242	2	2	7.65	(7.61 - 7.69)								
Aroclor-1242	2	3	8.14	(8.10 - 8.18)								
Aroclor-1242	2	4	8.53	(8.49 - 8.57)								
Aroclor-1242	2	5	8.94	(8.90 - 8.98)								
Aroclor-1248	2	1	7.65	(7.61 - 7.69)								
Aroclor-1248	2	2	8.12	(8.08 - 8.16)								
Aroclor-1248	2	3	8.53	(8.49 - 8.57)								
Aroclor-1248	2	4	8.94	(8.90 - 8.98)								
Aroclor-1248	2	5	9.35	(9.31 - 9.39)								
Aroclor-1254	2	1	9.50	(9.46 - 9.54)								
Aroclor-1254	2	2	9.93	(9.89 - 9.97)								
Aroclor-1254	2	3	10.34	(10.30 - 10.38)								
Aroclor-1254	2	4	10.79	(10.75 - 10.83)								
Aroclor-1254	2	5	11.47	(11.43 - 11.51)								
Aroclor-1262	2	1	10.85	(10.81 - 10.89)								
Aroclor-1262	2	2	12.00	(11.96 - 12.04)								
Aroclor-1262	2	3	12.10	(12.06 - 12.14)								
Aroclor-1262	2	4	12.63	(12.59 - 12.67)								
Aroclor-1262	2	5	13.11	(13.07 - 13.15)								
Aroclor-1268	2	1	11.38	(11.34 - 11.42)								
Aroclor-1268	2	2	11.51	(11.47 - 11.55)								
Aroclor-1268	2	3	11.56	(11.52 - 11.60)								
Aroclor-1268	2	4	12.40	(12.36 - 12.44)								
Aroclor-1268	2	5	12.54	(12.50 - 12.58)								
DCB-Surrogate	2	0	13.58	(13.52 - 13.64)	13.57	(13.51 - 13.63)	13.57	(13.51 - 13.63)				

Quantitation Report (QT Reviewed)

0742

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20605.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 7:50
Operator : JP
Sample : CAL 1660@500PPB
Misc : W,PCB
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 08:49:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

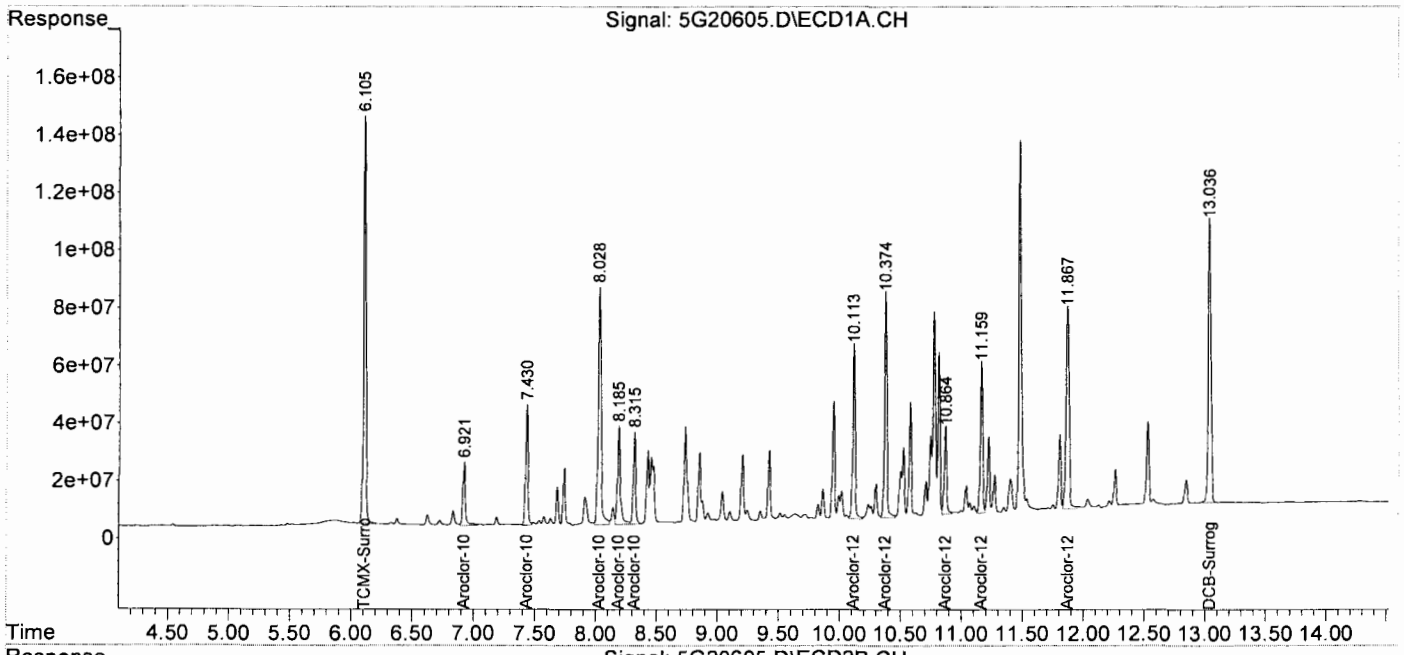
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.129	1836.9E6	1189.6E6	52.216m	52.474m
2)Aroclor-1016 {1}	6.921	7.081	333.0E6	175.6E6	580.071	489.344
3)Aroclor-1016 {2}	7.430	7.646	569.4E6	468.5E6	481.563	558.351
4)Aroclor-1016 {3}	8.028	8.134	1457.1E6	615.7E6	514.497	538.310m
5)Aroclor-1016 {4}	8.186	8.339	566.2E6	263.5E6	570.344	502.856m
6)Aroclor-1016 {5}	8.316	8.522	442.3E6	400.3E6	535.662	489.745m
7)Aroclor-1260 {1}	10.113	10.339	822.6E6	601.5E6	519.061m	536.579
8)Aroclor-1260 {2}	10.374	10.431	1090.1E6	649.5E6	518.610m	503.077
9)Aroclor-1260 {3}	10.864	11.415	429.1E6	394.8E6	510.917m	484.905m
10)Aroclor-1260 {4}	11.159	12.097	714.4E6	529.7E6	491.023m	488.485m
11)Aroclor-1260 {5}	11.867	12.628	1289.4E6	360.4E6	510.634m	511.642m
45)DCB-Surrogate	13.036	13.573	1572.7E6	979.4E6	51.227m	50.317m

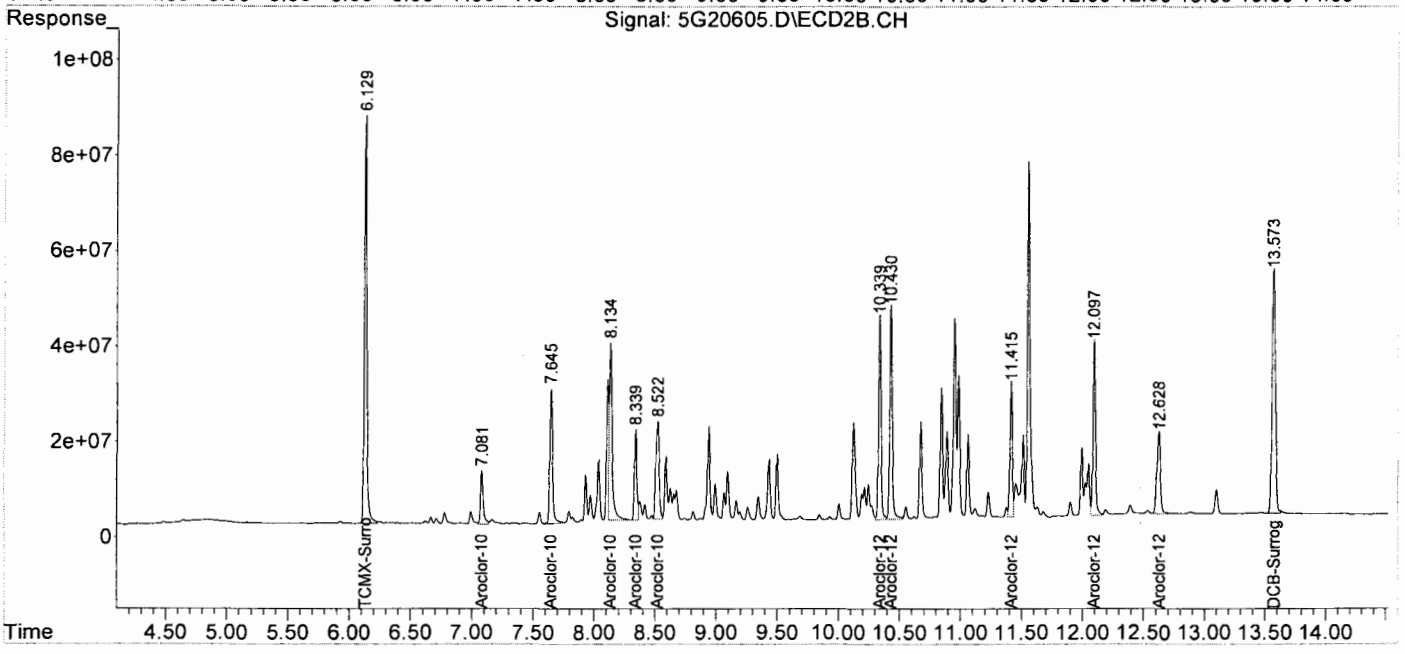
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20605.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 7:50
Operator : JP
Sample : CAL 1660@500PPB
Misc : W,PCB
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 08:49:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20791.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 7:50
Operator : JP
Sample : CAL 1660@500PPB
Misc : A,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 08:40:20 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

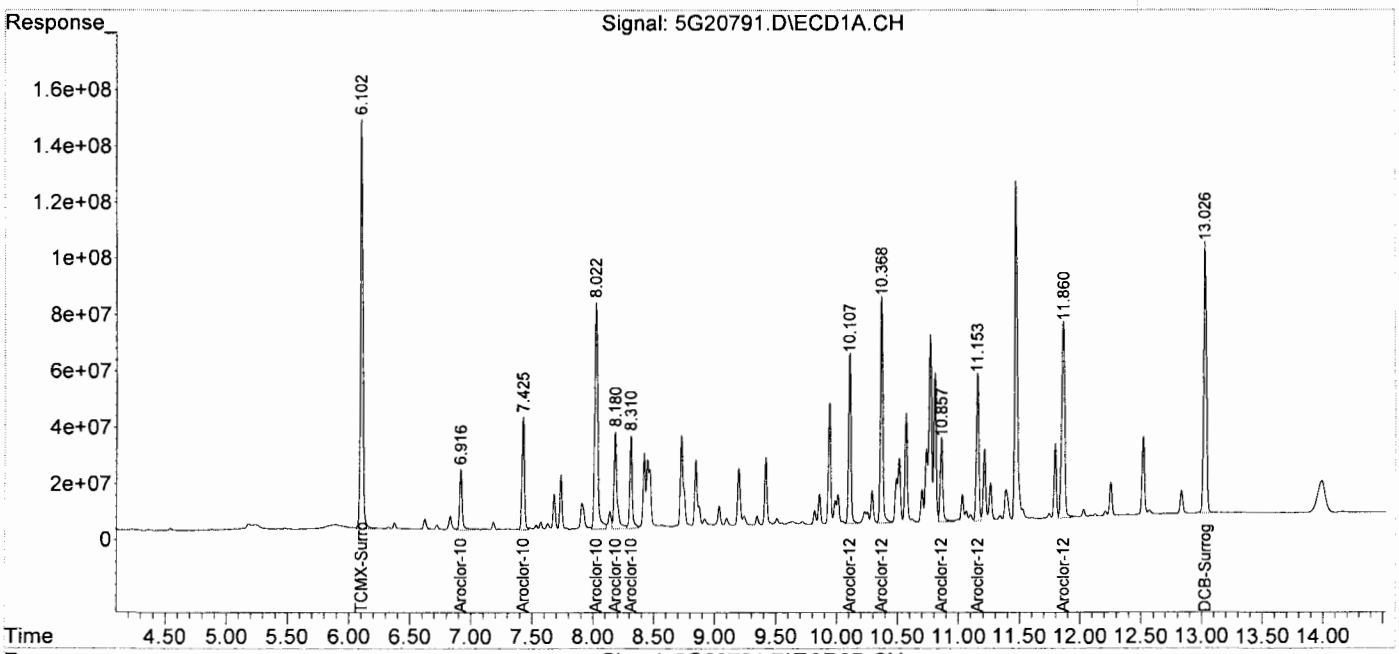
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.102	6.129	1915.6E6	1194.8E6	54.454m	52.702
2)Aroclor-1016 {1}	6.917	7.080	325.6E6	170.4E6	567.058	474.635
3)Aroclor-1016 {2}	7.426	7.644	551.1E6	465.5E6	466.037	554.674
4)Aroclor-1016 {3}	8.022	8.131	1447.7E6	600.7E6	511.172	525.073m
5)Aroclor-1016 {4}	8.181	8.337	578.4E6	257.5E6	582.699	491.526m
6)Aroclor-1016 {5}	8.310	8.521	475.3E6	400.8E6	575.562	490.461m
7)Aroclor-1260 {1}	10.107	10.336	821.5E6	604.3E6	518.319	539.118
8)Aroclor-1260 {2}	10.369	10.427	1087.2E6	640.6E6	517.215	496.181
9)Aroclor-1260 {3}	10.858	11.409	446.4E6	378.4E6	531.566	464.858m
10)Aroclor-1260 {4}	11.153	12.091	729.9E6	498.0E6	501.695	459.250m
11)Aroclor-1260 {5}	11.860	12.623	1247.7E6	326.4E6	494.110m	463.332m
45)DCB-Surrogate	13.026	13.566	1529.0E6	914.1E6	49.802m	46.964m

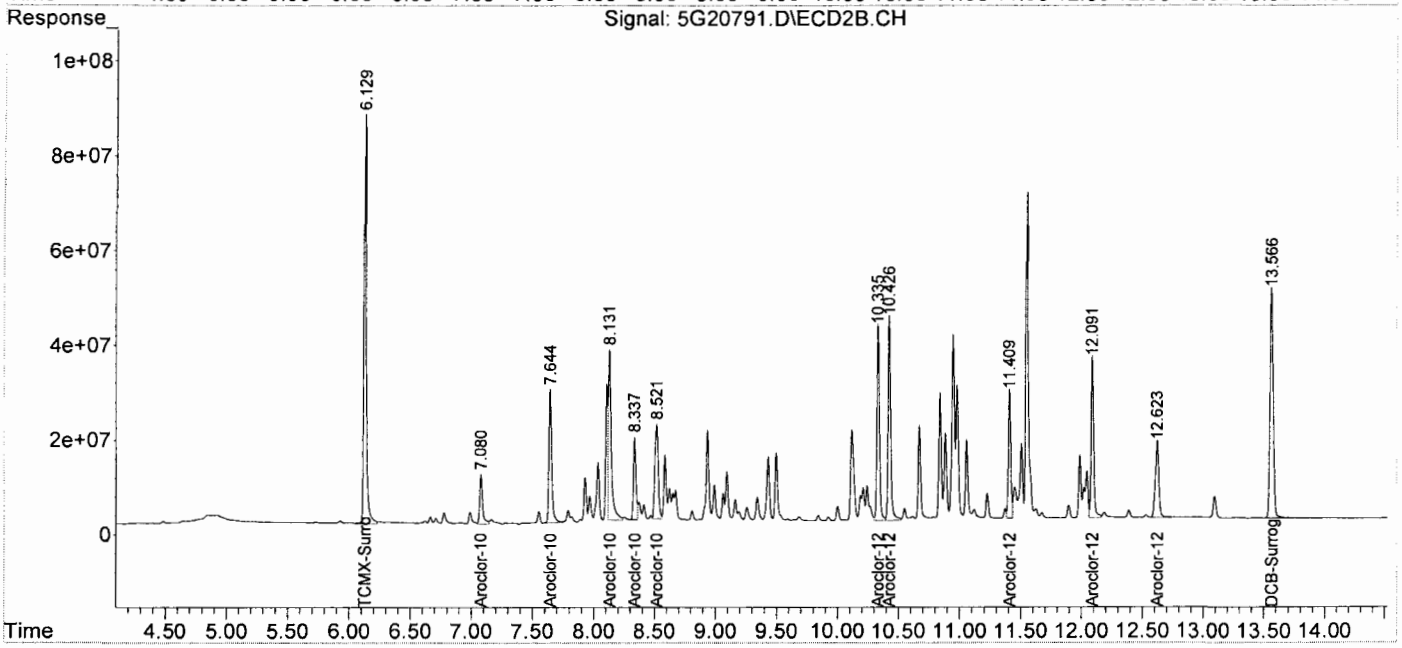
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20791.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 7:50
Operator : JP
Sample : CAL 1660@500PPB
Misc : A,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 08:40:20 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





GC PCB Data
Raw QC Data

Form1

ORGANICS PCB REPORT

Sample Number: WMB3486
Client Id:
Data File: 5G20792.D
Analysis Date: 02/27/09 08:13
Date Rec/Extracted: NA-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U				

Worksheet #: 110465

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20792.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 8:13
Operator : JP
Sample : WMB3486
Misc : A,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 08:41:34 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

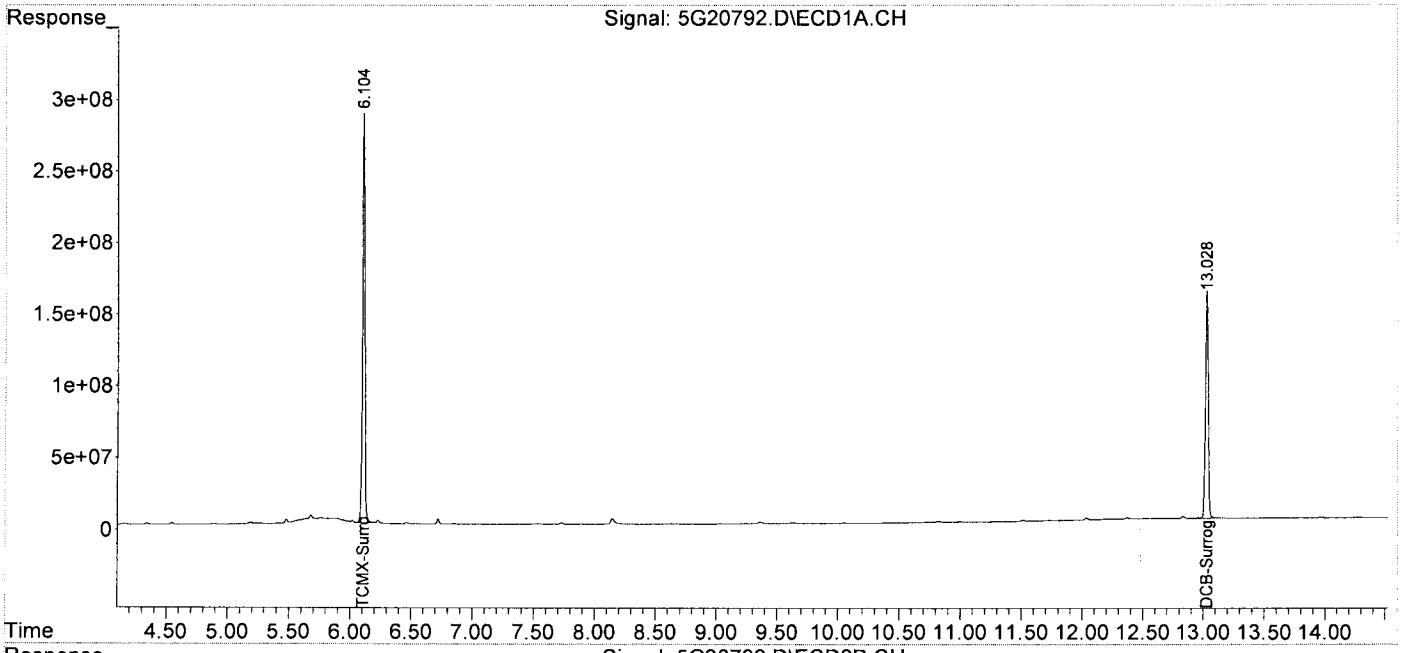
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.104	6.125	3754.2E6	2449.2E6	106.718m	108.034m
45)	DCB-Surrogate	13.028	13.566	2537.0E6	1504.0E6	82.633m	77.272m

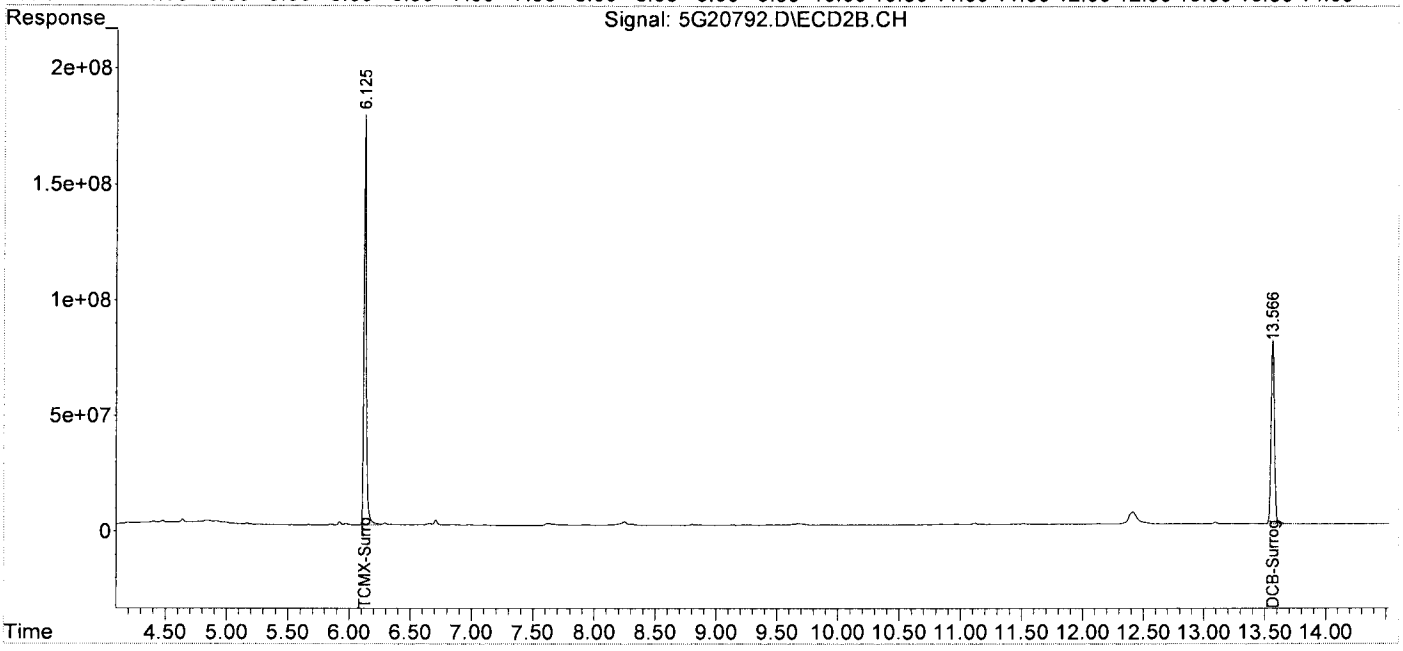
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20792.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 8:13
Operator : JP
Sample : WMB3486
Misc : A,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 08:41:34 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form3

MBS Data

Method: 608

Data File:===>					5G20793.D														
Data/Batch/Sample ID:===>					WMB3486(MS)														
Date/Time:===>					02/27/09 08:31														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aroclor-1016		50-114	1	0	1071	1000	107												
Aroclor-1260		8-127	1	0	1052	1000	105												

Flags/Notes: **** - Values outside of limits for this column/run***

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20793.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 8:31
Operator : JP
Sample : WMB3486(MS)
Misc : A,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 08:57:57 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.102	6.128	3560.0E6	2258.1E6	101.200	99.605m
2)Aroclor-1016 {1}	6.917	7.079	594.7E6	374.8E6	1048.232	1055.352
3)Aroclor-1016 {2}	7.426	7.644	1257.7E6	872.3E6	1072.661	1049.527
4)Aroclor-1016 {3}	8.023	8.131	2889.3E6	1214.1E6	1020.222	1068.524
5)Aroclor-1016 {4}	8.181	8.337	1075.8E6	516.9E6	1088.616	986.629m
6)Aroclor-1016 {5}	8.311	8.523	929.8E6	803.6E6	1124.651	983.252m
7)Aroclor-1260 {1}	10.109	10.337	1674.4E6	1204.4E6	1056.499	1074.424
8)Aroclor-1260 {2}	10.370	10.428	2221.1E6	1293.4E6	1056.661	1001.854
9)Aroclor-1260 {3}	10.859	11.410	893.1E6	792.3E6	1063.399m	973.207m
10)Aroclor-1260 {4}	11.154	12.094	1509.4E6	1049.6E6	1037.470m	967.874m
11)Aroclor-1260 {5}	11.860	12.623	2639.2E6	678.8E6	1045.197m	963.636m
45)DCB-Surrogate	13.027	13.568	2959.6E6	1783.0E6	96.399m	91.607m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

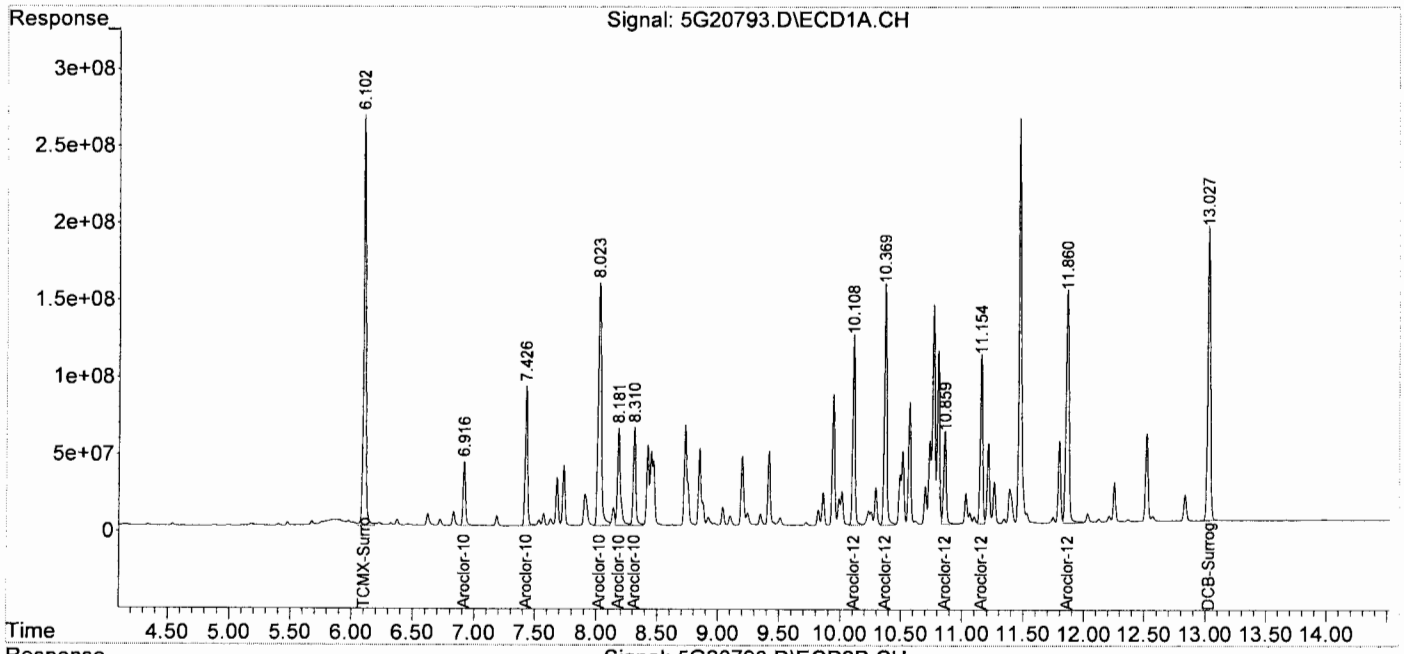
MJ

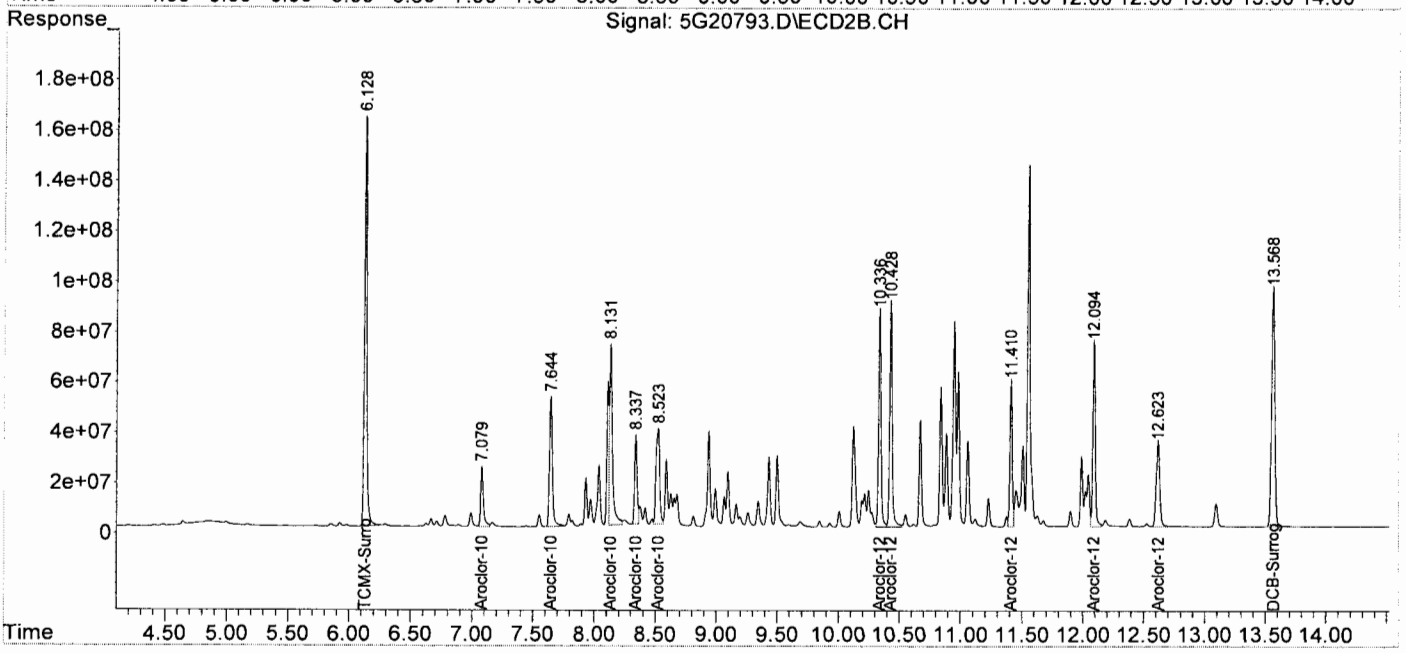
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20793.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 8:31
Operator : JP
Sample : WMB3486(MS)
Misc : A,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 27 08:57:57 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





FORM 3

Spike Recovery

Batch Number: WMB3478
Mbs Name: WMB3478(MS)
Ns Name: AC42729-001
Ms Name: AC42729-001(MS)
Msd Name: AC42729-001(MSD

Mbs File: 5G20607.D
Non Spk'd File: 5G20610.D
Spike File: 5G20608.D
Spike Dup File: 5G20609.D
Matrix: Aqueous
Method: EPA 608

Mbs Date: 02/19/09 08:28
Non Spk'd Date: 02/19/09 09:23
Spike Date : 02/19/09 08:46
Spike Dup Date: 02/19/09 09:04

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Aroclor-1016	2	1	0	1000	50	114	24	1103.51	0.00	1139.03	1026.24	110	114	103	10
Aroclor-1260	7	1	0	1000	8	127	19	1110.78	0.00	1150.46	1025.59	111	115	103	11

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20607.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 8:28
Operator : JP
Sample : WMB3478(MS)
Misc : A,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 08:51:20 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.103	6.129	3448.5E6	2402.8E6	98.029m	105.987m
2)Aroclor-1016 {1}	6.919	7.081	636.0E6	394.9E6	1123.093	1113.142
3)Aroclor-1016 {2}	7.428	7.646	1305.7E6	917.0E6	1114.334	1104.578
4)Aroclor-1016 {3}	8.025	8.132	2991.5E6	1268.6E6	1056.297	1117.242
5)Aroclor-1016 {4}	8.184	8.338	1084.9E6	545.5E6	1097.905	1041.162m
6)Aroclor-1016 {5}	8.313	8.522	930.9E6	848.9E6	1125.912	1038.644m
7)Aroclor-1260 {1}	10.111	10.339	1725.5E6	1283.0E6	1088.729	1144.522
8)Aroclor-1260 {2}	10.373	10.430	2310.4E6	1354.7E6	1099.164	1049.307
9)Aroclor-1260 {3}	10.862	11.413	956.4E6	860.3E6	1138.796	1056.711
10)Aroclor-1260 {4}	11.158	12.097	1623.6E6	1168.6E6	1115.995	1077.666m
11)Aroclor-1260 {5}	11.865	12.627	2806.0E6	769.4E6	1111.231m	1092.184m
45)DCB-Surrogate	13.033	13.574	3221.2E6	2039.9E6	104.921m	104.806m

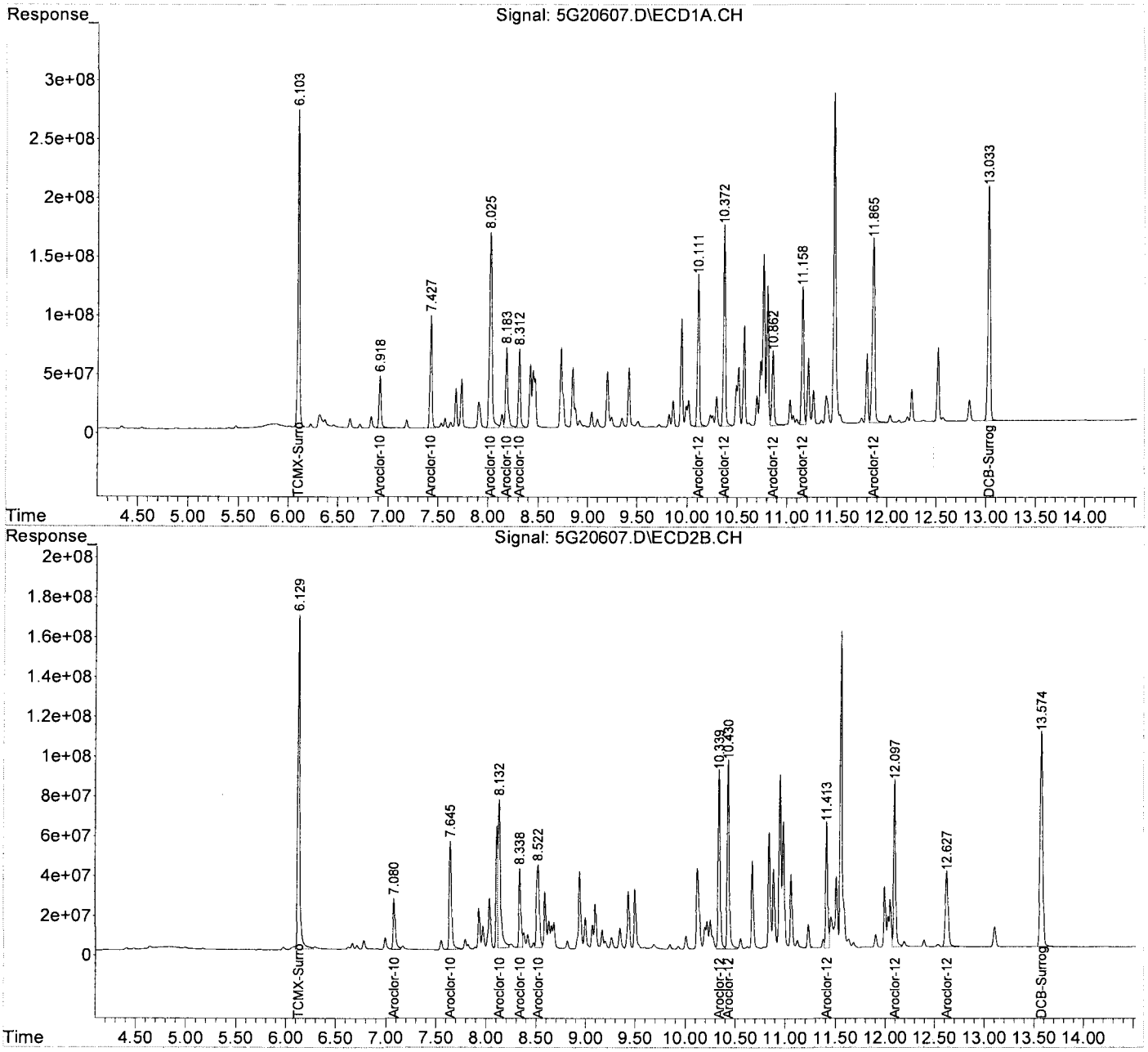
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

MS

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20607.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 8:28
Operator : JP
Sample : WMB3478(MS)
Misc : A,PCB
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 08:51:20 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20608.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 8:46
Operator : JP
Sample : AC42729-001(MS)
Misc : A,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 09:38:39 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.103	6.129	3669.1E6	2420.2E6	104.300m	106.756m
2)Aroclor-1016 {1}	6.919	7.081	653.4E6	420.6E6	1154.756	1187.021
3)Aroclor-1016 {2}	7.429	7.646	1348.1E6	934.9E6	1151.065	1126.646
4)Aroclor-1016 {3}	8.025	8.133	3118.8E6	1288.5E6	1101.250	1134.998
5)Aroclor-1016 {4}	8.184	8.338	1101.5E6	569.7E6	1114.911	1087.376m
6)Aroclor-1016 {5}	8.313	8.521	970.0E6	890.4E6	1173.146	1089.494m
7)Aroclor-1260 {1}	10.112	10.340	1814.3E6	1316.2E6	1144.788	1174.148
8)Aroclor-1260 {2}	10.373	10.431	2241.6E6	1396.4E6	1066.422	1081.629
9)Aroclor-1260 {3}	10.863	11.414	1020.9E6	905.0E6	1215.598	1111.679
10)Aroclor-1260 {4}	11.158	12.098	1686.5E6	1254.3E6	1159.204	1156.689
11)Aroclor-1260 {5}	11.865	12.628	2945.0E6	806.4E6	1166.300m	1144.710m
45)DCB-Surrogate	13.034	13.573	1911.1E6	1199.1E6	62.249m	61.604m

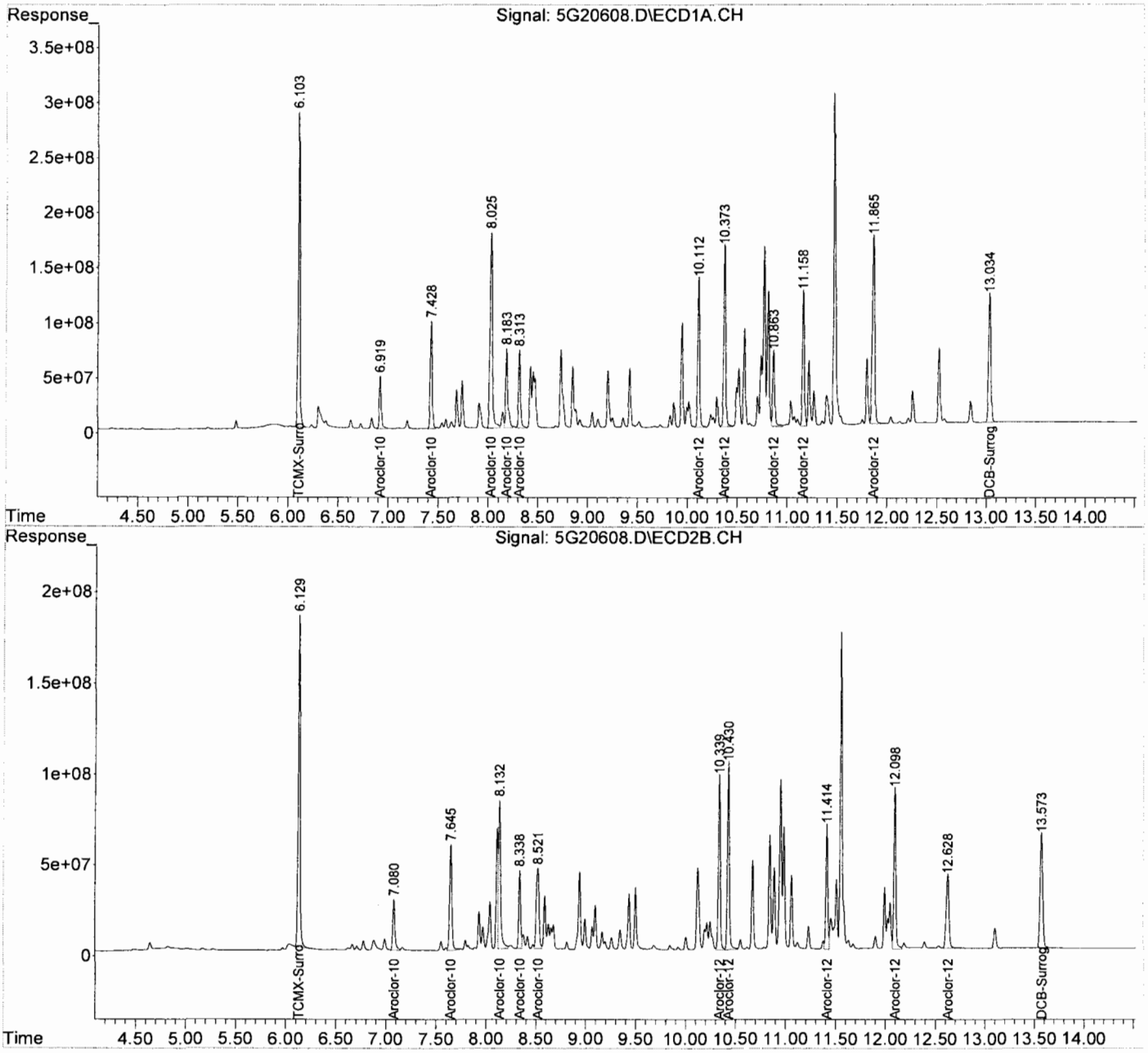
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

MS

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20608.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 8:46
Operator : JP
Sample : AC42729-001(MS)
Misc : A,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 09:38:39 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20609.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 9:04
Operator : JP
Sample : AC42729-001(MSD)
Misc : A,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 09:40:51 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

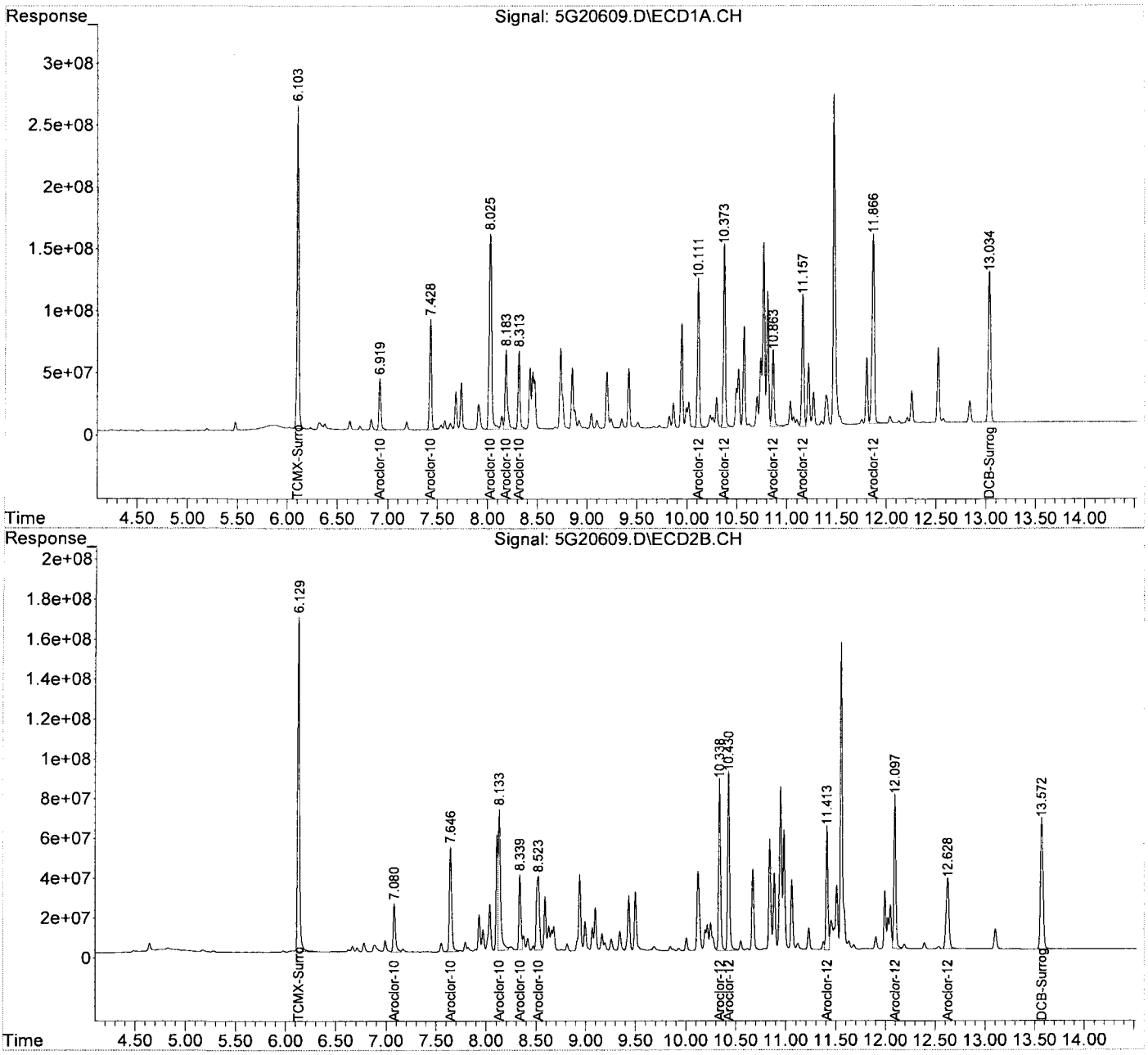
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.103	6.129	3333.8E6	2244.6E6	94.769m	99.009m
2)Aroclor-1016 {1}	6.919	7.081	591.2E6	367.4E6	1041.825	1034.045
3)Aroclor-1016 {2}	7.429	7.646	1211.6E6	841.5E6	1032.830	1011.735
4)Aroclor-1016 {3}	8.025	8.133	2774.8E6	1149.5E6	979.791	1010.955
5)Aroclor-1016 {4}	8.184	8.339	1020.6E6	507.9E6	1032.282	969.438m
6)Aroclor-1016 {5}	8.313	8.523	863.4E6	794.7E6	1044.450	972.416m
7)Aroclor-1260 {1}	10.112	10.339	1617.1E6	1171.8E6	1020.321	1045.351
8)Aroclor-1260 {2}	10.373	10.430	1987.3E6	1244.7E6	945.431	964.089
9)Aroclor-1260 {3}	10.863	11.413	920.5E6	806.5E6	1095.989	990.702
10)Aroclor-1260 {4}	11.158	12.097	1506.5E6	1086.4E6	1035.483	1001.874m
11)Aroclor-1260 {5}	11.866	12.628	2602.7E6	718.6E6	1030.752m	1020.062m
45)DCB-Surrogate	13.034	13.572	1935.2E6	1224.2E6	63.031m	62.897m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\02-19-09\
Data File : 5G20609.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 9:04
Operator : JP
Sample : AC42729-001(MSD)
Misc : A,PCB
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Feb 19 09:40:51 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PCB0212.M
Quant Title : @GC_5,ug,608,8082
QLast Update : Thu Feb 12 12:48:47 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



GC PCB Data
Logbook Data

Hampton-Clarke/Veritech

Method Blank No. WMB- 3486
Blank Spike (WMBS): Pest: 3476, 3486
Blank Spike (WMBS): PCB: 3478

Date: 02/26/09
Matrix Spike: Pest: 42612-001, 42874-001
Matrix Spike: PCB: 42729-001

Extraction: Pest (3510C)/ PCB (3510C) / Herb (8151A) / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Extracted By/ Comments	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other					
MB 3486	x	x			1000ml	5.0ml	KR	42874	EF-1
MBS 3486	x	x			↓			-001	V-61190
42940-001	20	7			940ml				
MS 42874-001	x				100ml				
MSD 42874-001	x				↓				
42874-001	1							1	2
42940-0023	2	8			930ml				
42940-0035	3	9			↓				
42940-0047	4	10			500ml	2.5ml	~~½ SURR~~ Full SURR		
42940-0059	5	11			↓	↓	↓		
42940-011	6	12							
42940-013	7	13							
42940-029	8	14							

KR 02/26/09

KR 02/26/09

Rack #49

Cleanup: Acid ___ TBA ___ Copper ___ Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	100	V-58194	Pest / PCB / Herb/ Other
↓	10	V-53079	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V-59621	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCL2 V-3858 Acetone _____ Hexane V-3792 Na2SO4 V-3780 Ether _____

MTBE _____ Other _____

Relinquished By: KR Date: 02/26/09 Received
By: _____ Date: 2/27/09

T:\QC\FORMS\LOGBOOK FORMS\extractions\PestPCB Herb Aq Ext Log.doc

Hampton-Clarke/Veritech

Method Blank No. WMB- 3478
Blank Spike (WMBS): PEST: 3476
Blank Spike (WMBS): PCB: 3469, 3478

Date: 02/18/2009
Matrix Spike: PEST: 42612-001
Matrix Spike: PCB: 42538-002; 42729-001

Extraction: Pest (3510C)/ PCB (3510C) / Herb (8151A) / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Extracted By/ Comments	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other			Abm 2/18/09		
MB 3478	X	X			1000mL	~~5m~~ 1mL	Abm, RACK	10ul	SURR
MBS 3478	X	X			↓	5mL			
42726-001	3	14			1000mL	1mL			
42726-004	4	15			↓	↓ RQ	2/23/09.	10ul	Surr
42726-007	5	16			980mL	~~5mL~~ 1mL			
42726-010	6	17			1000mL				
42750-009	7	18			1000mL				
42713-002		19			980mL				
42713-003		20			1000mL				
MS 42729-001		X			500mL				
MSD 42729-001		X			↓	↓			
42729-001	8	1			↓	2.5mL	½ SURR		
42702-001	R	R			970mL	5.0mL	↓		

Cleanup: Acid ___ TBA ___ Copper ___ Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	100	V-58194	Pest (PCB) / Herb/ Other
↓	10	V-53079	(Pest) / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V-59621	(Pest / PCB) / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCL2 V-3658 Acetone V-3762 Hexane V-3793 Na2SO4 V-3781 Ether ___

MTBE ___ Other ___

Relinquished By: Abm Date: 02/18/2009 Received
By: [signature] Date: 2/19/09

RUN LOG

Instrument: GC_5 Year: 2006 Analyst: JP

0763

1-1-5G20436

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5G20436.	CAL 1660@500PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 07:54
5G20437.	CAL 1660@4000PPB	C16C26C18C28	NOT USED	JP		Soil	1	1	608 8082	02/12 08:13
5G20438.	CAL 1660@50PPB	C16C26C18C28	NOT USED	JP		Soil	1	1	608 8082	02/12 08:31
5G20439.	CAL 1660@2000PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 08:50
5G20440.	CAL 1660@1000PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 09:08
5G20441.	CAL 1660@50PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 09:26
5G20442.	CAL 1660@200PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 09:44
5G20443.	CAL 1660@4000PPB		OK,B-4418	JP		Soil	1	1	608 8082	02/12 10:07
5G20444.	CAL 3268@500PPB		OK,V-53147	JP		Soil	1	1	608 8082	02/12 10:25
5G20445.	CAL 1242@500PPB		OK,V-53155	JP		Soil	1	1	608 8082	02/12 10:43
5G20446.	CAL 1248@500PPB		OK,V-53153	JP		Soil	1	1	608 8082	02/12 11:02
5G20447.	CAL 2154@500PPB		OK,V-53151	JP		Soil	1	1	608 8082	02/12 11:20
5G20448.	CAL 1262@500PPB		OK,V-53149	JP		Soil	1	1	608 8082	02/12 11:38
5G20449.	ICV	Ivo	OK,V-53156	JP		Soil	1	1	8082	02/12 11:56
5G20450.	CAL 1660@2000PPB		NOT USED	JP		Soil	0.25	1	608 8082	02/12 12:25

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or aodrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endinn Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/runDates modcheckprepruns	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-5G20605

Instrument: GC_5 Year: 2020764
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)		Analysis Date
5G20605.	CAL 1660@500PPB		OK,V-53144, V-53143	JP		OIL/OTH	1	1	608	8082	02/19 07:50
5G20606.	WMB3478		OK	JP		Aqueous	1	1	608	8082	02/19 08:10
5G20607.	WMB3478(MS)		OK WMB3478	JP		Aqueous	1	1	608	8082	02/19 08:28
5G20608.	AC42729-001(MS)		OK WMB3478	JP	PCB-608	Aqueous	1	1	608	8082	02/19 08:46
5G20609.	AC42729-001(MSD)		OK WMB3478	JP	PCB-608	Aqueous	1	1	608	8082	02/19 09:04
5G20610.	AC42729-001		OK	JP	PCB-608	Aqueous	1	1	608		02/19 09:23
5G20611.	AC42702-001(R)		OK	JP	PCB-608	Aqueous	1	1	608		02/19 09:41
5G20612.	AC42713-003		OK	JP	PCB-8082	Aqueous	1	1		8082	02/19 09:59
5G20613.	AC42713-002		OK	JP	PCB-8082	Aqueous	1	1		8082	02/19 10:17
5G20614.	AC42750-009		OK	JP	PCB-608	Aqueous	1	1	608		02/19 10:36
5G20615.	AC42726-010		OK	JP	PCB-608	Aqueous	1	1	608		02/19 10:54
5G20616.	CAL 1660@2000PPB		OK,, V-53142,OK,V-53142	JP		Aqueous	0.25	1	608	8082	02/19 11:24
5G20617.	AC42730-001		OK	JP	PCB-8082	Soil	1	1		8082	02/19 11:42
5G20618.	AC42730-002		OK	JP	PCB-8082	Soil	1	1		8082	02/19 12:00
5G20619.	AC42730-003		OK	JP	PCB-8082	Soil	1	1		8082	02/19 12:19
5G20620.	AC42730-004		OK	JP	PCB-8082	Soil	1	1		8082	02/19 12:37
5G20621.	AC42730-005		OK	JP	PCB-8082	Soil	1	1		8082	02/19 12:55
5G20622.	AC42730-006		OK	JP	PCB-8082	Soil	1	1		8082	02/19 13:13
5G20623.	CAL 1660@1000PPB		OK	JP		Soil	0.5	1	608	8082	02/19 13:32
5G20624.	SMB2172B		OK	JP		Soil	1	1		8082	02/19 14:17
5G20625.	SMB2172B(MS)		OK	JP		Soil	1	1		8082	02/19 14:35
5G20626.	AC42748-012(MS)		OK	JP	PCB-8082	Soil	1	1		8082	02/19 14:53
5G20627.	AC42748-012(MSD)		OK	JP	PCB-8082	Soil	1	1		8082	02/19 15:11
5G20628.	AC42748-012		OK	MS	PCB-8082	Soil	1	1		8082	02/19 15:30
5G20629.	AC42748-003		OK	MS	PCB-8082	Soil	1	1		8082	02/19 15:52
5G20630.	AC42748-004		OK	MS	PCB-8082	Soil	1	1		8082	02/19 16:10
5G20631.	AC42748-006		OK	MS	PCB-8082	Soil	1	1		8082	02/19 16:29
5G20632.	AC42748-007		OK	MS	PCB-8082	Soil	1	1		8082	02/19 16:47
5G20633.	AC42748-008		OK	MS	PCB-8082	Soil	1	1		8082	02/19 17:05
5G20634.	AC42748-009		OK	MS	PCB-8082	Soil	1	1		8082	02/19 17:23
5G20635.	AC42748-011		OK	MS	PCB-8082	Soil	1	1		8082	02/19 17:41
5G20636.	AC42748-013		OK	MS	PCB-8082	Soil	1	1		8082	02/19 18:00
5G20637.	AC42748-014		OK	MS	PCB-8082	Soil	1	1		8082	02/19 18:18
5G20638.	AC42748-015		OK	MS	PCB-8082	Soil	1	1		8082	02/19 18:36
5G20639.	CAL 1660@1000PPB		OK	MS		Soil	0.5	1	608	8082	02/19 18:54
5G20640.	2000PPB	Cme	NOT USED	MS		Soil	0.25	1		8082	02/19 19:12

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepround	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GC_5 Year: 2009
Analyst: JP

0765

1-1-5G20791

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)		Analysis Date
5G20791.	CAL 1660@500PPB		OK,OK,V-53144, V-53143	MS		Aqueous	1	1	608	8082	02/27 07:50
5G20792.	WMB3486		OK	MS		Aqueous	1	1	608	8082	02/27 08:13
5G20793.	WMB3486(MS)		OK WMB3486	MS		Aqueous	1	1	608	8082	02/27 08:31
5G20794.	AC42940-001		OK	MS	PCB-608	Aqueous	1	1	608		02/27 08:50
5G20795.	AC42940-003		OK	MS	PCB-608	Aqueous	1	1	608		02/27 09:08
5G20796.	AC42940-005		OK	MS	PCB-608	Aqueous	1	1	608		02/27 09:26
5G20797.	AC42940-007		OK	MS	PCB-608	Aqueous	0.5	1	608		02/27 09:44
5G20798.	AC42940-009		OK	MS	PCB-608	Aqueous	0.5	1	608		02/27 10:02
5G20799.	AC42940-011		OK	MS	PCB-608	Aqueous	0.5	1	608		02/27 10:20
5G20800.	AC42940-029		OK	MS	PCB-608	Aqueous	0.5	1	608		02/27 10:38
5G20801.	AC42940-013		OK	MS	PCB-608	Aqueous	0.5	1	608		02/27 10:57
5G20802.	CAL 1660@500PPB		OK	MS		Aqueous	1	1	608	8082	02/27 11:31
5G20803.	AC42870-001(R)		OK	MS	PCB-8082	Soil	1	1		8082	02/27 11:54
5G20804.	CAL 1660@500PPB		OK	MS		Soil	1	1	608	8082	02/27 12:20
5G20813.	CAL 1660@500PPB		OK	MS		Soil	1	1	608	8082	02/27 15:43
5G20814.	SMB2180B		OK	MS		Soil	1	1		8082	02/27 16:04
5G20815.	SMB2180B(MS)		OK SMB2180B	MS		Soil	1	1		8082	02/27 16:22
5G20816.	SMB3038		OK	MS		Soil	1	1		8082	02/27 16:40
5G20817.	SMB3038(MS)		OK SMB3038	MS		Soil	1	1		8082	02/27 16:58
5G20818.	AC42805-001(MS)		OK SMB3038	MS	PCB-8082	Soil	1	1		8082	02/27 17:16
5G20819.	AC42805-001(MSD)		OK SMB3038	MS	PCB-8082	Soil	1	1		8082	02/27 17:35
5G20820.	AC42805-001		OK SMB3038	MS	PCB-8082	Soil	1	1		8082	02/27 17:53
5G20821.	AC42805-007		OK	MS	PCB-8082	Soil	1	1		8082	02/27 18:11
5G20822.	AC42805-008		RR 2X	MS	PCB-8082	Soil	1	1		8082	02/27 18:29
5G20823.	AC42805-009		OK	MS	PCB-8082	Soil	1	1		8082	02/27 18:47
5G20824.	AC42805-036		OK	MS	PCB-8082	Soil	1	1		8082	02/27 19:06
5G20825.	AC42806-002		OK	MS	ERROR	Soil	1	1		8082	02/27 19:24
5G20826.	AC42806-003		OK	MS	ERROR	Soil	1	1		8082	02/27 19:42
5G20827.	AC42806-019		OK	MS	ERROR	Soil	1	1		8082	02/27 20:00
5G20828.	CAL 1660@1000PPB		OK	MS		Soil	0.5	1	608	8082	02/27 20:19
5G20829.	2000PPB		OK	MS		Soil	0.25	1		8082	02/27 20:37
5G20830.	AC42806-020		OK	MS	ERROR	Soil	1	1		8082	02/27 20:55
5G20831.	AC42806-004		OK	MS	PCB-8082	Soil	1	1		8082	02/27 21:13
5G20832.	AC42806-015		OK	MS	PCB-8082	Soil	1	1		8082	02/27 21:31
5G20833.	AC42806-016		RR 5X	MS	PCB-8082	Soil	1	1		8082	02/27 21:50
5G20834.	AC42805-037		RR 50X	MS	PCB-8082	Soil	1	1		8082	02/27 22:08
5G20835.	AC42805-038		RR 20X	MS	PCB-8082	Soil	1	1		8082	02/27 22:26
5G20836.	AC42806-001		OK	MS	ERROR	Soil	1	1		8082	02/27 22:44
5G20837.	AC42806-022		OK	MS	PCB-8082	Soil	1	1		8082	02/27 23:02
5G20838.	AC42806-023		OK	MS	PCB-8082	Soil	1	1		8082	02/27 23:21
5G20839.	AC42806-010		OK	MS	ERROR	Soil	1	1		8082	02/27 23:39
5G20840.	AC42806-011		OK	MS	ERROR	Soil	1	1		8082	02/27 23:57
5G20841.	AC42806-017		RR 5X	MS	PCB-8082	Soil	1	1		8082	02/28 00:15
5G20842.	AC42806-018		RR 5X	MS	PCB-8082	Soil	1	1		8082	02/28 00:33
5G20843.	AC42806-021		RR 10X	MS	ERROR	Soil	1	1		8082	02/28 00:51
5G20844.	1000PPB		NOT USED	MS		Soil	0.5	1		8082	02/28 01:10
5G20845.	CAL 1660@2000PPB		OK	MS		Soil	0.25	1	608	8082	02/28 01:28

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek.rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini.cal file <> method	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tuna time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tuna time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	Problem Checking Prep/rundates modcheckprepruncs	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-50725

Prepared By: Desai, Kinjal
Description: PEST/PCB SURR
Prep Date: 8/26/2008
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2833	Acetone	100 ml	neat neat	
2886	2,4,5,6-Tetrachloro-m-xylene	20 mg	neat neat	200 ppm
2885	Decachlorobiphenyl	20 mg	neat neat	200 ppm

Veritech Lot Number: V-51693

Prepared By: Shah, Meghaben A.
Description: PCB SPIKE
Prep Date: 9/10/2008
Expiration Date: 3/9/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3533	AROCLOR 1016	8 ml	1000 ppm	100 ppm
3014	Aroclor 1016	2 ml	1000 ppm	100 ppm
3532	AROCLOR 1260	10 ml	1000 ppm	100 ppm
3512	acetone	80 ml	neat neat	100 ppm

Veritech Lot Number: V-53139

Prepared By: Patel, Jignesh
Description: 1660-INTERMEDIATE
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	3750 ul	neat neat	neat
2983	Aroclor 1016	500 ul	1000 ppm	100 ppm
3012	Aroclor 1260	500 ul	1000 ppm	100 ppm
V-50725	PEST/PCB SURR	250 ul	200 ppm	10 ppm

Veritech Lot Number: V-53140

Prepared By: Patel, Jignesh
Description: CAL 1660@50PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 50 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53139	1660-INTERMEDIATE	25 ul	100 ppm	50 ppb
3590	hexanes	49975 ul	neat neat	neat

Veritech Lot Number: V-53141

Prepared By: Patel, Jignesh
Description: CAL 1660@4000PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 4000 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53139	1660-INTERMEDIATE	2000 ul	100 ppm	4000 ppb
3590	hexanes	48000 ul	neat neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53142

Prepared By: Patel, Jignesh
Description: CAL 1660@2000PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 2000 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53139	1660-INTERMEDIATE	1000 ul	100 ppm	2000 ppb
3590	hexanes	49000 ul	neat neat	neat

Veritech Lot Number: V-53143

Prepared By: Patel, Jignesh
Description: CAL 1660@1000PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 1000 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53139	1660-INTERMEDIATE	500 ul	100 ppm	1000 ppb
3590	hexanes	49500 ul	neat neat	neat

Veritech Lot Number: V-53144

Prepared By: Patel, Jignesh
Description: CAL 1660@500PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 500 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49750 ul	neat neat	neat
V-53139	1660-INTERMEDIATE	250 ul	100 ppm	500 ppb

Veritech Lot Number: V-53145

Prepared By: Patel, Jignesh
Description: CAL 1660@200PPB
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber: B-4418
Concentration: 200 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49900 ul	neat neat	neat
V-53139	1660-INTERMEDIATE	100 ul	100 ppm	200 ppb

Veritech Lot Number: V-53146

Prepared By: Patel, Jignesh
Description: 3268 inter
Prep Date: 10/2/1980
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
1656	AROCLOR 1232	100 ul	1000 ppm	100 ppm
3114	AROCLOR 1268	100 ul	1000 ppm	100 ppm
3590	hexanes	750 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53147

Prepared By: Patel, Jignesh
Description: 3268 ws
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-53146	3268 inter	50 ul	100 ppm	500 ppb
3590	hexanes	9950 ul	neat neat	

Veritech Lot Number: V-53148

Prepared By: Patel, Jignesh
Description: 1262 inter
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
3636	Aroclor 1262	100 ul	1000 ppm	100 ppm
3590	hexanes	850 ul	neat neat	

Veritech Lot Number: V-53149

Prepared By: Patel, Jignesh
Description: 1262 ws
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	9950 ul	neat neat	
V-53148	1262 inter	50 ul	100 ppm	500 ppb

Veritech Lot Number: V-53150

Prepared By: Patel, Jignesh
Description: 2154 inter
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3011	Aroclor 1254	100 ul	1000 ppm	100 ppm
3590	hexanes	750 ul	neat neat	
3007	Aroclor 1221	100 ul	1000 ppm	100 ppm
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-53151

Prepared By: Patel, Jignesh
Description: 2154 ws
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53150	2154 inter	50 ul	100 ppm	500 ppb
3590	hexanes	9950 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53152

Prepared By: Patel, Jignesh
Description: 1248 inter
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	850 ul	neat neat	
3010	Aroclor 1248	100 ul	1000 ppm	100 ppm
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-53153

Prepared By: Patel, Jignesh
Description: 1248 ws
Prep Date: 10/2/2008
Expiration Date: 4/1/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	9950 ul	neat neat	
V-53152	1248 inter	50 ul	100 ppm	500 ppb

Veritech Lot Number: V-53154

Prepared By: Patel, Jignesh
Description: 1242 inter
Prep Date: 10/2/2008
Expiration Date: 2/28/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3009	Aroclor 1242	100 ul	1000 ppm	100 ppm
3590	hexanes	850 ul	neat neat	
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-53155

Prepared By: Patel, Jignesh
Description: 1242 ws
Prep Date: 10/2/2008
Expiration Date: 2/28/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	9950 ul	neat neat	
V-53154	1242 inter	50 ul	100 ppm	500 ppb

Veritech Lot Number: V-53156

Prepared By: Patel, Jignesh
Description: PCB1660@1000PPB ICV
Prep Date: 10/2/2008
Expiration Date: 3/9/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-51693	PCB SPIKE	100 ul	100 ppm	1000 ppb
3590	hexanes	9895 ul	neat neat	
V-50725	PEST/PCB SURR	5 ul	200 ppm	100 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-58194

Prepared By:	Shah, Meghaben A.	Department:	Organics
Description:	PCB SPIKE	BatchNumber:	
Prep Date:	12/31/2008	Concentration:	100 ppm
Expiration Date:	6/30/2009	Final Volume:	100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3611	Ar.1016	8 ml	1000 ug/ml	100 ppm
3610	Ar.1260	10 ml	1001 ug/ml	100 ppm
3701	acetone	80 ml	neat neat	100 ppm

Veritech Lot Number: V-59621

Prepared By:	Shah, Meghaben A.	Department:	Organics
Description:	PEST/PCB SURROGATE	BatchNumber:	
Prep Date:	1/26/2009	Concentration:	10 ppm
Expiration Date:	7/25/2009	Final Volume:	500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3740	Acetone	475 ml	neat neat	10 ppm
V-50725	PEST/PCB SURR	25 ml	200 ppm	10 ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1656

Description
AROCLOR 1232

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	4-4805	LB27674	03/23/06	02/28/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 2833

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A40-4	072330	10/29/07	10/28/09	Lopez, Jose	24	4L	neat	neat

Veritech Control/Receipt Number: 2885

Description
Decachlorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2537	LB51032	11/19/07	08/31/10	Hamid, Akmal	2	100m	neat	neat

Veritech Control/Receipt Number: 2886

Description
2,4,5,6-Tetrachloro-m-xylene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2298	LB51139	11/19/07	08/31/10	Hamid, Akmal	1	1000	neat	neat

Veritech Control/Receipt Number: 2983

Description
Aroclor 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	4-8097	LB51522	01/10/08	09/30/10	Hamid, Akmal	1	1ml	1000	ppm

Veritech Control/Receipt Number: 3007

Description
Aroclor 1221

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	4-8098	LB51523	01/25/08	08/31/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3009

Description
Aroclor 1242

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44806	LB36758	01/25/08	02/28/09	Revolus, Jean	1	1ML	1000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3010

Description
Aroclor 1248

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44807	LB38674	01/25/08	04/30/09	Revolus, Jean	1	1ml	1000	PPM

Veritech Control/Receipt Number: 3011

Description
Aroclor 1254

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44808	LB47434	01/25/08	04/30/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3012

Description
Aroclor 1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44809	LB44780	01/25/08	01/31/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3014

Description
Aroclor 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-216S-H-10X	B7040041	01/25/08	04/30/17	Revolus, Jean	10	1ML	1000	PPM

Veritech Control/Receipt Number: 3114

Description
AROCLOR 1268

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	32410	A047489	02/29/08	10/31/13	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3512

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9254-03	G11E28	08/05/08	08/04/10	Okomeng, Maxwel	24	4LT	neat	neat

Veritech Control/Receipt Number: 3532

Description
AROCLOR 1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-260S-H-10X-PAK	B7020234	08/07/08	02/23/17	Revolus, Jean	10	1ML	1000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3533

Description
AROCLOR 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-216S-H-10X-PAK	B8070163	08/07/08	07/15/18	Revolus, Jean	10	1ML	1000	PPM

Veritech Control/Receipt Number: 3590

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9262-03	G35E38	09/05/08	09/04/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Control/Receipt Number: 3610

Description
Ar.1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accu.Std	C260s-10x-pak	B-8080352	09/18/08	08/31/18	Hamid, Akmal	10	1ml	1001	ug/ml

Veritech Control/Receipt Number: 3611

Description
Ar.1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accu.Std	C-216-h-10x-pak	B8070163	09/18/08	07/31/18	Hamid, Akmal	10	1ml	1000	ug/ml

Veritech Control/Receipt Number: 3636

Description
Aroclor 1262

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44810	LB54743	09/26/08	01/31/11	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3701

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9254-03	G36E35	10/28/08	10/27/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3740

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	11/11/08	11/10/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3762

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	11/25/08	11/24/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3780

Description
Sodium Sulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Seidler	140104	401203	12/09/08	12/08/10	Lopez, Jose	4	100lb	neat	neat

Veritech Control/Receipt Number: 3792

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G44E07	12/23/08	12/22/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3793

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926203	G43E41	12/23/08	12/22/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Control/Receipt Number: 3858

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G54403	01/20/09	01/19/11	Okomeng, Maxwel	120	4LT	neat	neat

GC Pesticide Data

GC Pesticide Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 608

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
5G20807.D	WMB3486	Aqueous	02/27/09 13:34	1		106	108	83	85		
6G12556.D	WMB3476	Aqueous	02/18/09 08:32	1		78	80	98	102		
6G12820.D	AC42940-001	Aqueous	02/27/09 14:09	1		96	99	113	120		
6G12821.D	AC42940-003	Aqueous	02/27/09 14:24	1		100	106	112	115		
6G12822.D	AC42940-005	Aqueous	02/27/09 14:39	1		115	129	127	136		
6G12823.D	AC42940-007	Aqueous	02/27/09 14:54	~~0.5~~ 1		76	80	77	81		
6G12825.D	AC42940-009	Aqueous	02/27/09 15:25	~~0.5~~ 1		68	74	82	86		
6G12826.D	AC42940-011	Aqueous	02/27/09 15:40	~~0.5~~ 1	SD 3/13/09	98	106	103	108		
6G12824.D	AC42940-013	Aqueous	02/27/09 15:10	~~0.5~~ 1		76	102	75	81		
6G12827.D	AC42940-029	Aqueous	02/27/09 15:55	~~0.5~~ 1		93	102	93	98		
5G20808.D	WMB3486(MS	Aqueous	02/27/09 13:52	1		103	106	99	101		
5G20809.D	AC42874-001(	Aqueous	02/27/09 14:10	1		94	98	99	100		
5G20810.D	AC42874-001(	Aqueous	02/27/09 14:29	1		93	97	98	98		
5G20811.D	AC42874-001(	Aqueous	02/27/09 14:47	1		96	99	102	100		
6G12567.D	AC42612-001(	Aqueous	02/18/09 11:28	1		89	88	90	94		
6G12579.D	WMB3476(MS	Aqueous	02/19/09 00:47	1		96	92	109	108		
6G12580.D	AC42612-001(	Aqueous	02/19/09 01:02	1		90	86	109	106		
6G12581.D	AC42612-001(	Aqueous	02/19/09 01:17	1		81	79	102	99		

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 608

Aqueous Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	36-144
S2=TCMX-Surrogate	100	36-144
S3=DCB-Surrogate	100	28-175
S4=DCB-Surrogate	100	28-175

FORM2

Surrogate Recovery

Method: EPA 608

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
5G20807.D	WMB3486	Aqueous	02/27/09 13:34	1		106	108	83	85		
5G20897.D	WMB3488	Aqueous	03/03/09 11:45	1		82	80	78	75		
5G20938.D	AC42940-015	Aqueous	03/04/09 13:27	1		69	73	90	85		
5G20808.D	WMB3486(MS	Aqueous	02/27/09 13:52	1		103	106	99	101		
5G20809.D	AC42874-001(	Aqueous	02/27/09 14:10	1		94	98	99	100		
5G20810.D	AC42874-001(	Aqueous	02/27/09 14:29	1		93	97	98	98		
5G20811.D	AC42874-001(	Aqueous	02/27/09 14:47	1		96	99	102	100		
5G20898.D	WMB3488(MS	Aqueous	03/03/09 12:03	1		76	72	89	85		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 608

Aqueous Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	36-144
S2=TCMX-Surrogate	100	36-144
S3=DCB-Surrogate	100	28-175
S4=DCB-Surrogate	100	28-175

FORM 3

Spike Recovery

Batch Number: WMB3476
Mbs Name: WMB3476(MS)
Ns Name: AC42612-001(T)
Ms Name: AC42612-001(T)(M
Msd Name: AC42612-001(T)(M

Mbs File: 6G12579.D
Non Spk'd File: 6G12567.D
Spike File: 6G12580.D
Spike Dup File: 6G12581.D
Matrix: Aqueous
Method: EPA 608

Mbs Date: 02/19/09 00:47
Non Spk'd Date: 02/18/09 11:28
Spike Date : 02/19/09 01:02
Spike Dup Date: 02/19/09 01:17

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	37	134	23	107.65	0.00	103.02	96.81	108	103	97	6.2
gamma-BHC	3	1	0	100	32	127	23	114.44	0.00	110.51	102.79	114	111	103	7.2
beta-BHC	4	1	0	100	17	147	27	119.02	0.00	119.38	111.77	119	119	112	6.6
Heptachlor	5	1	0	100	34	111	21	108.98	0.00	107.21	100.79	109	107	101	6.2
delta-BHC	6	1	0	100	19	140	24	99.88	0.00	99.40	92.91	100	99	93	6.7
Aldrin	7	1	0	100	42	122	23	113.56	0.00	109.85	103.29	114	110	103	6.2
Heptachlor Epoxide	8	1	0	100	37	142	17	112.22	0.00	110.52	103.53	112	111	104	6.5
Endosulfan I	11	1	0	100	45	153	30	123.95	0.00	121.87	114.56	124	122	115	6.2
p,p'-DDE	12	1	0	100	30	145	18	119.01	0.00	117.15	109.56	119	117	110	6.7
Dieldrin	13	1	0	100	36	146	26	117.28	0.00	115.98	107.43	117	116	107	7.7
Endrin	14	1	0	100	30	147	20	119.34	0.00	118.26	111.57	119	118	112	5.8
p,p'-DDD	15	1	0	100	31	141	21	120.49	0.00	120.00	110.91	120	120	111	7.9
Endosulfan II	16	1	0	100	0	202	20	116.75	0.00	115.21	108.65	117	115	109	5.9
p,p'-DDT	17	1	0	100	25	160	22	117.22	0.00	117.74	109.58	117	118	110	7.2
Endosulfan Sulfate	19	1	0	100	26	144	26	110.79	0.00	110.08	107.35	111	110	107	2.5

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Form3

MBS Data

Method: 608

Data File:==>					5G20898.D														
Data/Batch/Sample ID:==>					WMB3488(MS)-Aq														
Date/Time:==>					03/03/09 12:03														
Compound	Limit(s) Soil	Limit(s) Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aldrin		42-122	1	0	91.42	100	91												
alpha-BHC		37-134	1	0	105.6	100	106												
beta-BHC		17-147	1	0	94.75	100	95												
delta-BHC		19-140	1	0	89.4	100	89												
Dieldrin		36-146	1	0	101.2	100	101												
Endosulfan I		45-153	1	0	100.8	100	101												
Endosulfan II		0-202	1	0	102.5	100	102												
Endosulfan Sulfate		26-144	1	0	93.45	100	93												
Endrin		30-147	1	0	95.8	100	96												
gamma-BHC		32-127	1	0	99.41	100	99												
Heptachlor		34-111	1	0	85.17	100	85												
Heptachlor Epoxide		37-142	1	0	100.7	100	101												
p,p'-DDD		31-141	1	0	103.7	100	104												
p,p'-DDE		30-145	1	0	98.05	100	98												
p,p'-DDT		25-160	1	0	91.93	100	92												

Flags/Notes: **** - Values outside of limits for this column/run***

FORM 3

Spike Recovery

Batch Number: WMB3486
Mbs Name: WMB3486(MS)
Ns Name: AC42874-001(T)
Ms Name: AC42874-001(T)(M
Msd Name: AC42874-001(T)(M

Mbs File: 5G20808.D
Non Spk'd File: 5G20809.D
Spike File: 5G20810.D
Spike Dup File: 5G20811.D
Matrix: Aqueous
Method: EPA 608

Mbs Date: 02/27/09 13:52
Non Spk'd Date: 02/27/09 14:10
Spike Date : 02/27/09 14:29
Spike Dup Date: 02/27/09 14:47

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	37	134	23	111.36	0.00	98.53	102.82	111	99	103	4.3
gamma-BHC	3	1	0	100	32	127	23	106.16	0.00	92.24	96.51	106	92	97	4.5
beta-BHC	4	1	0	100	17	147	27	101.50	0.00	86.76	89.96	101	87	90	3.6
Heptachlor	5	1	0	100	34	111	21	102.77	0.00	92.77	97.88	103	93	98	5.4
delta-BHC	6	1	0	100	19	140	24	96.39	0.00	83.13	85.47	96	83	85	2.8
Aldrin	7	1	0	100	42	122	23	107.08	0.00	94.28	97.65	107	94	98	3.5
Heptachlor Epoxide	8	1	0	100	37	142	17	108.02	0.00	96.26	99.18	108	96	99	3
Endosulfan I	11	1	0	100	45	153	30	107.92	0.00	96.95	99.82	108	97	100	2.9
p,p'-DDE	12	1	0	100	30	145	18	111.14	0.00	97.03	97.67	111	97	98	0.66
Dieldrin	13	1	0	100	36	146	26	109.62	0.00	97.13	99.68	110	97	100	2.6
Endrin	14	1	0	100	30	147	20	107.38	0.00	98.86	101.51	107	99	102	2.6
p,p'-DDD	15	1	0	100	31	141	21	111.07	0.00	100.74	102.59	111	101	103	1.8
Endosulfan II	16	1	0	100	0	202	20	112.01	0.00	100.78	103.07	112	101	103	2.2
p,p'-DDT	17	1	0	100	25	160	22	114.93	0.00	105.89	108.22	115	106	108	2.2
Endosulfan Sulfate	19	1	0	100	26	144	26	102.74	0.00	97.15	99.91	103	97	100	2.8

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: WMB3476
Blank Data File: 6G12556.D
Matrix: Aqueous

Blank Analysis Date: 02/18/09 08:32
Blank Extraction Date: 02/17/09
(If Applicable)
Method: EPA 608

Sample Number	Data File	Analysis Date
AC42612-001(T)(M	6G12581.D	02/19/09 01:17
AC42612-001(T)	6G12567.D	02/18/09 11:28
AC42612-001(T)(M	6G12580.D	02/19/09 01:02
WMB3476(MS)	6G12579.D	02/19/09 00:47

FORM 4
Blank Summary

Blank Number: WMB3486
Blank Data File: 5G20807.D
Matrix: Aqueous

Blank Analysis Date: 02/27/09 13:34
Blank Extraction Date: 02/26/09
(If Applicable)
Method: EPA 608

Sample Number	Data File	Analysis Date
AC42940-001	6G12820.D	02/27/09 14:09
AC42940-003	6G12821.D	02/27/09 14:24
AC42940-005	6G12822.D	02/27/09 14:39
AC42940-007	6G12823.D	02/27/09 14:54
AC42940-009	6G12825.D	02/27/09 15:25
AC42940-011	6G12826.D	02/27/09 15:40
AC42940-013	6G12824.D	02/27/09 15:10
AC42940-029	6G12827.D	02/27/09 15:55
AC42874-001(T)(M	5G20810.D	02/27/09 14:29
WMB3486(MS)	5G20808.D	02/27/09 13:52
AC42874-001(T)	5G20809.D	02/27/09 14:10
AC42874-001(T)(M	5G20811.D	02/27/09 14:47

FORM 4

Blank Summary

Blank Number: WMB3486
Blank Data File: 5G20807.D
Matrix: Aqueous

Blank Analysis Date: 02/27/09 13:34
Blank Extraction Date: 02/26/09
(If Applicable)
Method: EPA 608

Sample Number	Data File	Analysis Date
AC42874-001(T)(M	5G20811.D	02/27/09 14:47
AC42874-001(T)(M	5G20810.D	02/27/09 14:29
AC42874-001(T)	5G20809.D	02/27/09 14:10
WMB3486(MS)	5G20808.D	02/27/09 13:52

FORM 4
Blank Summary

Blank Number: WMB3488
Blank Data File: 5G20897.D
Matrix: Aqueous

Blank Analysis Date: 03/03/09 11:45
Blank Extraction Date: 03/02/09
(If Applicable)
Method: EPA 608

Sample Number	Data File	Analysis Date
AC42940-015	5G20938.D	03/04/09 13:27
WMB3488(MS)	5G20898.D	03/03/09 12:03

Form 5

Method: EPA 608

Instrument: GC_6 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
6G12334.	CAL EVAL	02/09/09 23:01	Soil					
6G12335.	CAL PEST@400PPB	02/09/09 23:16	Soil		10.5143	0	11.0255	0
6G12336.	CAL PEST@2PPB	02/09/09 23:31	Soil		10.5151	0	11.0272	0
6G12337.	CAL PEST@10PPB	02/09/09 23:46	Soil		10.5159	0	11.0285	0
6G12338.	CAL PEST@50PPB	02/10/09 00:01	Soil		10.5150	0.0171	11.0279	0
6G12339.	CAL PEST@100PPB	02/10/09 00:16	Soil	6G12342.	10.5151	0.0162	11.0282	0.01
6G12340.	CAL PEST@200PPB	02/10/09 00:32	Soil	6G12342.	10.5143	0.0238	11.0268	0.0227
6G12341.	CAL PEST@400PPB	02/10/09 00:47	Soil	6G12342.	10.5128	0.038	11.0261	0.029
6G12342.	CAL PEST@2PPB	02/10/09 01:02	Soil	6G12342.	10.5168	0	11.0293	0
6G12343.	CAL PEST@10PPB	02/10/09 01:17	Soil	6G12342.	10.5159	0.0086	11.0280	0.0118
6G12344.	CAL CHLO@100PPB	02/10/09 01:32	Soil	6G12342.	10.5145	0.0219	11.0292	0.0009
6G12345.	CAL TOX@500PPB	02/10/09 01:47	Soil	6G12342.	10.5151	0.0162	11.0284	0.0082
6G12346.	ICV	02/10/09 02:02	Soil	6G12342.	10.5135	0.0314	11.0270	0.0208
6G12347.	CAL EVAL	02/10/09 02:17	Soil					
6G12348.	SMB2161B	02/10/09 02:32	Soil	6G12342.	10.5132	0.0342	11.0274	0.0172
6G12349.	SMB2161B(MS)	02/10/09 02:48	Soil	6G12342.	10.5135	0.0314	11.0275	0.0163
6G12350.	SMB2162B	02/10/09 03:03	Soil	6G12342.	10.5139	0.0276	11.0284	0.0082
6G12351.	SMB2162B(MS)	02/10/09 03:18	Soil	6G12342.	10.5134	0.0323	11.0270	0.0208
6G12352.	AC42499-008	02/10/09 03:33	Soil	6G12342.	10.5144	0.0228	11.0270	0.0208
6G12353.	AC42499-014	02/10/09 03:48	Soil	6G12342.	10.5138	0.0285	11.0262	0.0281
6G12354.	AC42499-016	02/10/09 04:03	Soil	6G12342.	10.5140	0.0266	11.0268	0.0227
6G12355.	AC42499-017	02/10/09 04:18	Soil	6G12342.	10.5161	0.0067	11.0300	0.0063
6G12356.	AC42499-018	02/10/09 04:33	Soil	6G12342.	10.5169	0.001	11.0286	0.0063
6G12357.	AC42499-019	02/10/09 04:48	Soil	6G12342.	10.5177	0.0086	11.0297	0.0036
6G12358.	AC42499-020	02/10/09 05:03	Soil	6G12342.	10.5175	0.0067	11.0303	0.0091
6G12359.	AC42499-021	02/10/09 05:18	Soil	6G12342.	10.5186	0.0171	11.0310	0.0154
6G12360.	AC42546-001	02/10/09 05:34	Soil	6G12342.	10.5181	0.0124	11.0302	0.0082
6G12361.	AC42546-002	02/10/09 05:49	Soil	6G12342.	10.5167	0.001	11.0311	0.0163
6G12362.	AC42546-003	02/10/09 06:04	Soil	6G12342.	10.5180	0.0114	11.0307	0.0127
6G12363.	AC42546-004	02/10/09 06:19	Soil	6G12342.	10.5172	0.0038	11.0310	0.0154
6G12364.	AC42546-005	02/10/09 06:34	Soil	6G12342.	10.5177	0.0086	11.0312	0.0172
6G12365.	AC42499-007	02/10/09 06:49	Soil	6G12342.	10.5187	0.0181	11.0309	0.0145
6G12366.	AC42499-006	02/10/09 07:04	Soil	6G12342.	10.5197	0.0276	11.0323	0.0272
6G12367.	CAL PEST@200PPB	02/10/09 08:22	Soil	6G12342.	10.5172	0.0038	11.0266	0.0245
6G12368.	CAL EVAL	02/10/09 09:08	Soil					
6G12369.	AC42524-003	02/10/09 09:34	Soil	6G12367.	10.5210	0.0361	11.0279	0.0118
6G12370.	AC42524-003(MS)	02/10/09 09:49	Soil	6G12367.	10.5184	0.0114	11.0285	0.0172
6G12371.	AC42524-003(MSD)	02/10/09 10:04	Soil	6G12367.	10.5172	0	11.0292	0.0236
6G12372.	AC42524-001	02/10/09 10:23	Soil	6G12367.	10.5223	0.0485	11.0324	0.0526
6G12373.	AC42524-002	02/10/09 10:38	Soil	6G12367.	10.5199	0.0257	11.0317	0.0462
6G12374.	AC42524-004	02/10/09 10:54	Soil	6G12367.	10.5212	0.038	11.0330	0.058
6G12375.	AC42524-005	02/10/09 11:09	Soil	6G12367.	10.5194	0.0209	11.0341	0.068
6G12376.	AC42524-006	02/10/09 11:26	Soil	6G12367.	10.5213	0.039	11.0332	0.0598
6G12377.	AC42524-007	02/10/09 11:41	Soil	6G12367.	10.5205	0.0314	11.0325	0.0535
6G12378.	AC42524-008	02/10/09 11:56	Soil	6G12367.	10.5218	0.0437	11.0340	0.0671
6G12379.	AC42524-009	02/10/09 12:14	Soil	6G12367.	10.5243	0.0675	11.0337	0.0644
6G12380.	AC42524-010	02/10/09 12:30	Soil	6G12367.	10.5238	0.0627	11.0351	0.0771
6G12381.	AC42524-011	02/10/09 12:45	Soil	6G12367.	10.5234	0.0589	11.0342	0.0689
6G12382.	AC42524-012	02/10/09 13:00	Soil	6G12367.	10.5225	0.0504	11.0348	0.0743
6G12383.	AC42524-013	02/10/09 13:15	Soil	6G12367.	10.5231	0.0561	11.0343	0.0698
6G12384.	AC42524-014	02/10/09 13:30	Soil	6G12367.	10.5226	0.0513	11.0347	0.0734
6G12385.	AC42499-006(2X)	02/10/09 13:45	Soil	6G12367.	10.5260	0.0836	11.0376	0.0997
6G12386.	CAL PEST@200PPB	02/10/09 14:35	Soil	6G12367.	10.5199	0.0257	11.0305	0.0354
6G12387.	MBS2161B	02/10/09 14:54	Soil	6G12386.	10.5207	0.0076	11.0307	0.0018
6G12388.	MBS2163B	02/10/09 15:09	Soil	6G12386.	10.5163	0.0342	11.0282	0.0209
6G12389.	MBS2161B	02/10/09 15:25	Soil	6G12386.	10.5161	0.0361	11.0281	0.0218
6G12390.	SMB2163B	02/10/09 15:40	Soil	6G12386.	10.5154	0.0428	11.0284	0.019
6G12391.	CAL PEST@200PPB	02/10/09 16:29	Soil	6G12386.	10.5182	0.0162	11.0287	0.0163

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20470.	CAL EVAL	02/13/09 08:43	Aqueous					
5G20471.	CAL PEST@200PPB	02/13/09 09:59	Aqueous	5G20471.	13.0327	0	13.5727	0
5G20472.	200PPB	02/13/09 10:31	Aqueous	5G20471.	13.0355	0.0215	13.5726	0.0007
5G20473.	TEST	02/13/09 11:14	Aqueous	5G20471.	13.0399	0.0552	13.5710	0.0125
5G20474.	CAL EVAL	02/13/09 11:35	Aqueous					
5G20475.	CAL PEST@400PPB	02/13/09 11:53	Aqueous	5G20471.	13.0328	0.0008	13.5717	0.0074
5G20476.	CAL PEST@2PPB	02/13/09 12:11	Aqueous	5G20471.	13.0336	0.0069	13.5731	0.003
5G20477.	CAL PEST@10PPB	02/13/09 12:30	Aqueous	5G20471.	13.0335	0.0061	13.5728	0.0007
5G20478.	CAL PEST@50PPB	02/13/09 12:48	Aqueous	5G20471.	13.0330	0.0261	13.5718	0.0066
5G20479.	CAL PEST@100PPB	02/13/09 13:06	Aqueous	5G20482.	13.0333	0.0238	13.5743	0.0111
5G20480.	CAL PEST@200PPB	02/13/09 13:24	Aqueous	5G20482.	13.0323	0.0315	13.5725	0.0022
5G20481.	CAL PEST@400PPB	02/13/09 13:42	Aqueous	5G20482.	13.0334	0.023	13.5731	0.0022
5G20482.	CAL PEST@2PPB	02/13/09 15:57	Aqueous	5G20482.	13.0364	0	13.5728	0
5G20483.	CAL PEST@10PPB	02/13/09 16:16	Aqueous	5G20482.	13.0339	0.0192	13.5733	0.0037
5G20484.	CAL CHLOR@100PPB	02/13/09 16:37	Aqueous	5G20482.	13.0343	0.0161	13.5717	0.0081
5G20485.	CAL TOX@500PPB	02/13/09 16:55	Aqueous	5G20482.	13.0322	0.0322	13.5725	0.0022
5G20486.	ICV	02/13/09 17:14	Aqueous	5G20482.	13.0309	0.0422	13.5710	0.0133
5G20487.	CAL EVAL	02/13/09 17:37	Aqueous					
5G20488.	AC42651-004	02/13/09 17:55	Aqueous	5G20482.	13.0307	0.0437	13.5712	0.0118
5G20489.	AC42651-005	02/13/09 18:14	Aqueous	5G20482.	13.0321	0.033	13.5724	0.0029
5G20490.	AC42651-006	02/13/09 18:32	Aqueous	5G20482.	13.0309	0.0422	13.5713	0.0111
5G20491.	AC42651-007	02/13/09 18:50	Aqueous	5G20482.	13.0300	0.0491	13.5714	0.0103
5G20492.	AC42651-008	02/13/09 19:08	Aqueous	5G20482.	13.0303	0.0468	13.5702	0.0192
5G20493.	AC42651-009	02/13/09 19:26	Aqueous	5G20482.	13.0295	0.0529	13.5693	0.0258
5G20494.	AC42651-010	02/13/09 19:45	Aqueous	5G20482.	13.0312	0.0399	13.5725	0.0022
5G20495.	AC42651-011	02/13/09 20:03	Aqueous	5G20482.	13.0312	0.0399	13.5705	0.0169
5G20496.	AC42651-012	02/13/09 20:21	Aqueous	5G20482.	13.0308	0.043	13.5712	0.0118
5G20497.	AC42644-002(T)	02/13/09 20:39	Aqueous	5G20482.	13.0308	0.043	13.5706	0.0162
5G20498.	CAL PEST@200PPB	02/13/09 20:57	Aqueous	5G20482.	13.0314	0.0384	13.5723	0.0037
5G20499.	400PPB	02/13/09 21:15	Aqueous	5G20498.	13.0314	0	13.5719	0.0029

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_6

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
6G12535.	CAL EVAL	02/18/09 02:01	Soil					
6G12536.	CAL PEST@100PPB	02/18/09 02:16	Soil	6G12536.	10.5133	0	11.0216	0
6G12537.	200PPB	02/18/09 02:31	Soil	6G12536.	10.5124	0.0086	11.0234	0.0163
6G12538.	AC42703-001	02/18/09 02:46	Soil	6G12536.	10.5105	0.0266	11.0224	0.0073
6G12539.	AC42703-002	02/18/09 03:01	Soil	6G12536.	10.5131	0.0019	11.0246	0.0272
6G12540.	AC42703-003	02/18/09 03:17	Soil	6G12536.	10.5121	0.0114	11.0243	0.0245
6G12541.	AC42703-004	02/18/09 03:32	Soil	6G12536.	10.5134	0.001	11.0264	0.0435
6G12542.	AC42703-005	02/18/09 03:47	Soil	6G12536.	10.5142	0.0086	11.0242	0.0236
6G12543.	AC42703-006	02/18/09 04:02	Soil	6G12536.	10.5148	0.0143	11.0256	0.0363
6G12544.	AC42703-007	02/18/09 04:17	Soil	6G12536.	10.5136	0.0029	11.0251	0.0318
6G12545.	AC42703-008	02/18/09 04:32	Soil	6G12536.	10.5117	0.0152	11.0253	0.0336
6G12546.	AC42703-009	02/18/09 04:47	Soil	6G12536.	10.5124	0.0086	11.0239	0.0209
6G12547.	AC42703-010	02/18/09 05:02	Soil	6G12536.	10.5143	0.0095	11.0257	0.0372
6G12548.	AC42706-001	02/18/09 05:17	Soil	6G12536.	10.5136	0.0029	11.0263	0.0426
6G12549.	AC42706-002	02/18/09 05:33	Soil	6G12536.	10.5146	0.0124	11.0273	0.0517
6G12550.	AC42706-003	02/18/09 05:48	Soil	6G12536.	10.5167	0.0323	11.0284	0.0617
6G12551.	AC42706-004	02/18/09 06:03	Soil	6G12536.	10.5162	0.0276	11.0283	0.0608
6G12552.	AC42706-005	02/18/09 06:18	Soil	6G12536.	10.5166	0.0314	11.0284	0.0617
6G12553.	AC42706-006	02/18/09 06:33	Soil	6G12536.	10.5170	0.0352	11.0288	0.0653
6G12554.	AC42706-007	02/18/09 06:48	Soil	6G12536.	10.5165	0.0304	11.0274	0.0526
6G12555.	CAL PEST@200PPB	02/18/09 08:09	Soil	6G12536.	10.5136	0.0029	11.0240	0.0218
6G12556.	WMB3476	02/18/09 08:32	Aqueous	6G12555.	10.5179	0.0409	11.0248	0.0073
6G12557.	WMB3476(MS)	02/18/09 08:47	Aqueous	6G12555.	10.5141	0.0048	11.0239	0.0009
6G12558.	CAL EVAL	02/18/09 09:02	Aqueous					
6G12559.	AC42702-001	02/18/09 09:17	Aqueous	6G12555.	10.5138	0.0019	11.0244	0.0036
6G12560.	AC42684-001	02/18/09 09:32	Aqueous	6G12555.	10.5131	0.0048	11.0249	0.0082
6G12561.	AC42684-002	02/18/09 09:47	Aqueous	6G12555.	10.5136	0	11.0248	0.0073
6G12562.	AC42684-003	02/18/09 10:02	Aqueous	6G12555.	10.5124	0.0114	11.0240	0
6G12563.	AC42684-004	02/18/09 10:17	Aqueous	6G12555.	10.5145	0.0086	11.0254	0.0127
6G12564.	AC42686-001	02/18/09 10:32	Aqueous	6G12555.	10.5138	0.0019	11.0254	0.0127
6G12565.	AC42686-002	02/18/09 10:47	Aqueous	6G12555.	10.5157	0.02	11.0252	0.0109
6G12566.	AC42684-003(20X)	02/18/09 11:10	Aqueous	6G12555.	10.5217	0.077	11.0268	0.0254
6G12567.	AC42612-001(T)	02/18/09 11:28	Aqueous	6G12555.	10.5190	0.0513	11.0266	0.0236
6G12568.	AC42612-001(T)(MS)	02/18/09 11:43	Aqueous	6G12555.	10.5170	0.0323	11.0273	0.0299
6G12569.	AC42612-001(T)(MSD)	02/18/09 11:58	Aqueous	6G12555.	10.5165	0.0276	11.0277	0.0336
6G12570.	AC42612-002(T)	02/18/09 12:13	Aqueous	6G12555.	10.5175	0.0371	11.0265	0.0227
6G12571.	AC42683-001(T)	02/18/09 12:28	Aqueous	6G12555.	10.5154	0.0171	11.0256	0.0145
6G12572.	AC42612-003(T)	02/18/09 12:43	Aqueous	6G12555.	10.5164	0.0266	11.0271	0.0281
6G12573.	EF SPLP V-59413	02/18/09 12:58	Aqueous	6G12555.	10.5168	0.0304	11.0283	0.039
6G12574.	AC42683-001(3X)	02/18/09 13:29	Aqueous	6G12555.	10.5172	0.0342	11.0272	0.029
6G12575.	CAL PEST@200PPB	02/18/09 15:15	Aqueous	6G12555.	10.5238	0.097	11.0299	0.0535

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_6

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
6G12576.	CAL EVAL	02/19/09 00:01	Aqueous					
6G12577.	100PPB	02/19/09 00:16	Aqueous					
6G12578.	CAL PEST@200PPB	02/19/09 00:31	Aqueous	6G12578.	10.5219	0	11.0294	0
6G12579.	WMB3476(MS)	02/19/09 00:47	Aqueous	6G12578.	10.5205	0.0133	11.0306	0.0109
6G12580.	AC42612-001(T)(MS)	02/19/09 01:02	Aqueous	6G12578.	10.5216	0.0029	11.0302	0.0073
6G12581.	AC42612-001(T)(MSD)	02/19/09 01:17	Aqueous	6G12578.	10.5211	0.0076	11.0295	0.0009
6G12582.	SMB2169B	02/19/09 01:32	Soil	6G12578.	10.5206	0.0124	11.0311	0.0154
6G12583.	SMB2169B(MS)	02/19/09 01:47	Soil	6G12578.	10.5205	0.0133	11.0298	0.0036
6G12584.	AC42726-003	02/19/09 02:02	Soil	6G12578.	10.5207	0.0114	11.0299	0.0045
6G12585.	AC42726-006	02/19/09 02:17	Soil	6G12578.	10.5222	0.0028	11.0309	0.0136
6G12586.	AC42726-009	02/19/09 02:33	Soil	6G12578.	10.5228	0.0086	11.0309	0.0136
6G12587.	AC42726-012	02/19/09 02:48	Soil	6G12578.	10.5223	0.0038	11.0311	0.0154
6G12588.	AC42706-019	02/19/09 03:03	Soil	6G12578.	10.5221	0.0019	11.0306	0.0109
6G12589.	AC42706-008	02/19/09 03:18	Soil	6G12578.	10.5205	0.0133	11.0298	0.0036
6G12590.	AC42706-009	02/19/09 03:33	Soil	6G12578.	10.5220	0.001	11.0317	0.0209
6G12591.	AC42706-010	02/19/09 03:48	Soil	6G12578.	10.5238	0.0181	11.0333	0.0354
6G12592.	AC42706-011	02/19/09 04:03	Soil	6G12578.	10.5239	0.019	11.0328	0.0308
6G12593.	AC42706-012	02/19/09 04:18	Soil	6G12578.	10.5239	0.019	11.0323	0.0263
6G12594.	AC42706-013	02/19/09 04:34	Soil	6G12578.	10.5233	0.0133	11.0320	0.0236
6G12595.	AC42706-014	02/19/09 04:49	Soil	6G12578.	10.5235	0.0152	11.0319	0.0227
6G12596.	AC42706-015	02/19/09 05:04	Soil	6G12578.	10.5243	0.0228	11.0325	0.0281
6G12597.	AC42706-016	02/19/09 05:19	Soil	6G12578.	10.5283	0.0608	11.0357	0.0571
6G12598.	AC42706-017	02/19/09 05:34	Soil	6G12578.	10.5277	0.0551	11.0371	0.0698
6G12599.	100PPB	02/19/09 08:20	Soil	6G12578.	10.5183	0.0342	11.0259	0.0317
6G12600.	CAL PEST@100PPB	02/19/09 08:46	Soil	6G12578.	10.5221	0.0019	11.0289	0.0045
6G12601.	CAL EVAL	02/19/09 09:07	Soil					
6G12602.	SMB2171B	02/19/09 09:25	Soil	6G12600.	10.5218	0.0029	11.0291	0.0018
6G12603.	SMB2171B(MS)	02/19/09 09:40	Soil	6G12600.	10.5204	0.0162	11.0284	0.0045
6G12604.	SMB2170B	02/19/09 09:56	Soil	6G12600.	10.5180	0.039	11.0288	0.0009
6G12605.	SMB2170B(MS)	02/19/09 10:11	Soil	6G12600.	10.5201	0.019	11.0295	0.0054
6G12606.	AC42781-002	02/19/09 10:26	Soil	6G12600.	10.5236	0.0142	11.0337	0.0435
6G12607.	AC42781-002(MS)	02/19/09 10:41	Soil	6G12600.	10.5237	0.0152	11.0333	0.0399
6G12608.	AC42781-002(MSD)	02/19/09 10:56	Soil	6G12600.	10.5264	0.0409	11.0349	0.0544
6G12609.	AC42706-018	02/19/09 11:11	Soil	6G12600.	10.4667	0.5279 *	11.0344	0.0499
6G12610.	AC42587-007	02/19/09 12:10	Soil	6G12600.	10.5262	0.039	11.0336	0.0426
6G12611.	AC42587-008	02/19/09 12:25	Soil	6G12600.	10.5245	0.0228	11.0342	0.048
6G12612.	AC42587-010	02/19/09 12:40	Soil	6G12600.	10.5252	0.0295	11.0326	0.0335
6G12613.	AC42750-001	02/19/09 12:55	Soil	6G12600.	10.5242	0.02	11.0333	0.0399
6G12614.	AC42750-002	02/19/09 13:10	Soil	6G12600.	10.5243	0.0209	11.0335	0.0417
6G12615.	AC42750-005	02/19/09 13:25	Soil	6G12600.	10.5250	0.0275	11.0341	0.0471
6G12616.	AC42730-007	02/19/09 13:41	Soil	6G12600.	10.5249	0.0266	11.0347	0.0526
6G12617.	CAL PEST@400PPB	02/19/09 15:01	Soil	6G12600.	10.5242	0.02	11.0304	0.0136
6G12618.	400PPB	02/19/09 15:31	Soil	6G12617.	10.5273	0.0294	11.0329	0.0227

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_6

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
6G12801.	CAL EVAL	02/27/09 02:01	Soil					
6G12802.	CAL PEST@400PPB	02/27/09 02:16	Soil		10.5071	0	11.0178	0
6G12803.	CAL PEST@2PPB	02/27/09 02:31	Soil		10.5099	0	11.0209	0
6G12804.	CAL PEST@10PPB	02/27/09 02:46	Soil	6G12803.	10.5088	0.0105	11.0202	0.0064
6G12805.	CAL PEST@50PPB	02/27/09 03:02	Soil	6G12803.	10.5082	0.0162	11.0204	0.0045
6G12806.	CAL PEST@100PPB	02/27/09 03:17	Soil	6G12803.	10.5072	0.0257	11.0194	0.0136
6G12807.	CAL PEST@200PPB	02/27/09 03:32	Soil	6G12803.	10.5071	0.0266	11.0177	0.029
6G12808.	CAL PEST@400PPB	02/27/09 03:47	Soil	6G12803.	10.5060	0.0371	11.0190	0.0172
6G12809.	CAL CHLO@100PPB	02/27/09 04:02	Soil	6G12803.	10.5082	0.0162	11.0204	0.0045
6G12810.	CAL TOX@500PPB	02/27/09 04:17	Soil	6G12803.	10.5089	0.0095	11.0208	0.0009
6G12811.	ICV	02/27/09 04:32	Soil	6G12803.	10.5081	0.0171	11.0205	0.0036
6G12812.	AC42820-006	02/27/09 04:47	Soil	6G12803.	10.5034	0.0619	11.0173	0.0327
6G12813.	AC42820-010	02/27/09 05:03	Soil	6G12803.	10.5028	0.0676	11.0191	0.0163
6G12814.	AC42930-001	02/27/09 05:18	Soil	6G12803.	10.5111	0.0114	11.0259	0.0454
6G12815.	AC42820-007	02/27/09 05:33	Soil	6G12803.	10.5147	0.0457	11.0268	0.0535
6G12816.	AC42820-009	02/27/09 05:48	Soil	6G12803.	10.5108	0.0086	11.0291	0.0744
6G12817.	100PPB	02/27/09 09:42	Soil	6G12803.	10.5114	0.0143	11.0199	0.0091
6G12818.	CAL PEST@50PPB	02/27/09 13:29	Soil	6G12803.	10.5210	0.1056	11.0309	0.0907
6G12819.	CAL EVAL	02/27/09 13:50	Soil					
6G12820.	AC42940-001	02/27/09 14:09	Aqueous	6G12818.	10.5172	0.0361	11.0271	0.0345
6G12821.	AC42940-003	02/27/09 14:24	Aqueous	6G12818.	10.5142	0.0647	11.0271	0.0345
6G12822.	AC42940-005	02/27/09 14:39	Aqueous	6G12818.	10.5133	0.0732	11.0257	0.0472
6G12823.	AC42940-007	02/27/09 14:54	Aqueous	6G12818.	10.5112	0.0932	11.0251	0.0526
6G12824.	AC42940-013	02/27/09 15:10	Aqueous	6G12818.	10.5109	0.096	11.0254	0.0499
6G12825.	AC42940-009	02/27/09 15:25	Aqueous	6G12818.	10.5116	0.0894	11.0260	0.0444
6G12826.	AC42940-011	02/27/09 15:40	Aqueous	6G12818.	10.5115	0.0903	11.0267	0.0381
6G12827.	AC42940-029	02/27/09 15:55	Aqueous	6G12818.	10.5122	0.0837	11.0273	0.0326
6G12828.	CAL PEST@200PPB	02/27/09 16:10	Aqueous	6G12818.	10.5150	0.057	11.0286	0.0209
6G12829.	100PPB	02/27/09 16:29	Aqueous	6G12828.	10.5176	0.0247	11.0296	0.0091

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20805.	CAL EVAL	02/27/09 12:45	Soil					
5G20806.	CAL PEST@100PPB	02/27/09 13:16	Aqueous	5G20806.	13.0314	0	13.5686	0
5G20807.	WMB3486	02/27/09 13:34	Aqueous	5G20806.	13.0285	0.0223	13.5684	0.0015
5G20808.	WMB3486(MS)	02/27/09 13:52	Aqueous	5G20806.	13.0282	0.0246	13.5668	0.0133
5G20809.	AC42874-001(T)	02/27/09 14:10	Aqueous	5G20806.	13.0263	0.0391	13.5673	0.0096
5G20810.	AC42874-001(T)(MS)	02/27/09 14:29	Aqueous	5G20806.	13.0264	0.0384	13.5663	0.0169
5G20811.	AC42874-001(T)(MSD)	02/27/09 14:47	Aqueous	5G20806.	13.0271	0.033	13.5673	0.0096
5G20812.	CAL PEST@100PPB	02/27/09 15:25	Aqueous	5G20806.	13.0294	0.0153	13.5699	0.0096

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20470.	CAL EVAL	02/13/09 08:43	Aqueous					
5G20471.	CAL PEST@200PPB	02/13/09 09:59	Aqueous	5G20471.	13.0327	0	13.5727	0
5G20472.	200PPB	02/13/09 10:31	Aqueous	5G20471.	13.0355	0.0215	13.5726	0.0007
5G20473.	TEST	02/13/09 11:14	Aqueous	5G20471.	13.0399	0.0552	13.5710	0.0125
5G20474.	CAL EVAL	02/13/09 11:35	Aqueous					
5G20475.	CAL PEST@400PPB	02/13/09 11:53	Aqueous	5G20471.	13.0328	0.0008	13.5717	0.0074
5G20476.	CAL PEST@2PPB	02/13/09 12:11	Aqueous	5G20471.	13.0336	0.0069	13.5731	0.003
5G20477.	CAL PEST@10PPB	02/13/09 12:30	Aqueous	5G20471.	13.0335	0.0061	13.5728	0.0007
5G20478.	CAL PEST@50PPB	02/13/09 12:48	Aqueous	5G20471.	13.0330	0.0261	13.5718	0.0066
5G20479.	CAL PEST@100PPB	02/13/09 13:06	Aqueous	5G20482.	13.0333	0.0238	13.5743	0.0111
5G20480.	CAL PEST@200PPB	02/13/09 13:24	Aqueous	5G20482.	13.0323	0.0315	13.5725	0.0022
5G20481.	CAL PEST@400PPB	02/13/09 13:42	Aqueous	5G20482.	13.0334	0.023	13.5731	0.0022
5G20482.	CAL PEST@2PPB	02/13/09 15:57	Aqueous	5G20482.	13.0364	0	13.5728	0
5G20483.	CAL PEST@10PPB	02/13/09 16:16	Aqueous	5G20482.	13.0339	0.0192	13.5733	0.0037
5G20484.	CAL CHLOR@100PPB	02/13/09 16:37	Aqueous	5G20482.	13.0343	0.0161	13.5717	0.0081
5G20485.	CAL TOX@500PPB	02/13/09 16:55	Aqueous	5G20482.	13.0322	0.0322	13.5725	0.0022
5G20486.	ICV	02/13/09 17:14	Aqueous	5G20482.	13.0309	0.0422	13.5710	0.0133
5G20487.	CAL EVAL	02/13/09 17:37	Aqueous					
5G20488.	AC42651-004	02/13/09 17:55	Aqueous	5G20482.	13.0307	0.0437	13.5712	0.0118
5G20489.	AC42651-005	02/13/09 18:14	Aqueous	5G20482.	13.0321	0.033	13.5724	0.0029
5G20490.	AC42651-006	02/13/09 18:32	Aqueous	5G20482.	13.0309	0.0422	13.5713	0.0111
5G20491.	AC42651-007	02/13/09 18:50	Aqueous	5G20482.	13.0300	0.0491	13.5714	0.0103
5G20492.	AC42651-008	02/13/09 19:08	Aqueous	5G20482.	13.0303	0.0468	13.5702	0.0192
5G20493.	AC42651-009	02/13/09 19:26	Aqueous	5G20482.	13.0295	0.0529	13.5693	0.0258
5G20494.	AC42651-010	02/13/09 19:45	Aqueous	5G20482.	13.0312	0.0399	13.5725	0.0022
5G20495.	AC42651-011	02/13/09 20:03	Aqueous	5G20482.	13.0312	0.0399	13.5705	0.0169
5G20496.	AC42651-012	02/13/09 20:21	Aqueous	5G20482.	13.0308	0.043	13.5712	0.0118
5G20497.	AC42644-002(T)	02/13/09 20:39	Aqueous	5G20482.	13.0308	0.043	13.5706	0.0162
5G20498.	CAL PEST@200PPB	02/13/09 20:57	Aqueous	5G20482.	13.0314	0.0384	13.5723	0.0037
5G20499.	400PPB	02/13/09 21:15	Aqueous	5G20498.	13.0314	0	13.5719	0.0029

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20805.	CAL EVAL	02/27/09 12:45	Soil					
5G20806.	CAL PEST@100PPB	02/27/09 13:16	Aqueous	5G20806.	13.0314	0	13.5686	0
5G20807.	WMB3486	02/27/09 13:34	Aqueous	5G20806.	13.0285	0.0223	13.5684	0.0015
5G20808.	WMB3486(MS)	02/27/09 13:52	Aqueous	5G20806.	13.0282	0.0246	13.5668	0.0133
5G20809.	AC42874-001(T)	02/27/09 14:10	Aqueous	5G20806.	13.0263	0.0391	13.5673	0.0096
5G20810.	AC42874-001(T)(MS)	02/27/09 14:29	Aqueous	5G20806.	13.0264	0.0384	13.5663	0.0169
5G20811.	AC42874-001(T)(MSD)	02/27/09 14:47	Aqueous	5G20806.	13.0271	0.033	13.5673	0.0096
5G20812.	CAL PEST@100PPB	02/27/09 15:25	Aqueous	5G20806.	13.0294	0.0153	13.5699	0.0096

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20894.	CAL EVAL	03/03/09 09:10	Soil					
5G20895.	400PPB	03/03/09 10:43	Soil					
5G20896.	CAL PEST@400PPB	03/03/09 11:21	Soil	5G20896.	13.0310	0	13.5668	0
5G20897.	WMB3488	03/03/09 11:45	Aqueous	5G20896.	13.0290	0.0153	13.5668	0
5G20898.	WMB3488(MS)	03/03/09 12:03	Aqueous	5G20896.	13.0257	0.0407	13.5661	0.0052
5G20899.	AC42975-023	03/03/09 12:22	Aqueous	5G20896.	13.0253	0.0438	13.5655	0.0096
5G20900.	AC42945-001(T)	03/03/09 12:40	Aqueous	5G20896.	13.0239	0.0545	13.5639	0.0214
5G20901.	AC42945-002(T)	03/03/09 12:58	Aqueous	5G20896.	13.0254	0.043	13.5653	0.0111
5G20902.	CAL PEST@100PPB	03/03/09 13:41	Aqueous	5G20896.	13.0274	0.0276	13.5655	0.0096
5G20903.	AC42975-022	03/03/09 14:01	Aqueous	5G20902.	13.0256	0.0138	13.5653	0.0015
5G20904.	SMB2182B(MS)	03/03/09 14:19	Soil	5G20902.	13.0249	0.0192	13.5644	0.0081
5G20905.	SMB2182B	03/03/09 14:37	Soil	5G20902.	13.0251	0.0177	13.5653	0.0015
5G20906.	AC42982-001	03/03/09 14:55	Soil	5G20902.	13.0237	0.0284	13.5640	0.0111
5G20907.	AC42982-002	03/03/09 15:13	Soil	5G20902.	13.0235	0.0299	13.5639	0.0118
5G20908.	AC43007-001	03/03/09 15:31	Aqueous	5G20902.	13.0259	0.0115	13.5663	0.0059
5G20909.	SMB2183B(MS)	03/03/09 15:49	Soil	5G20902.	13.0244	0.023	13.5646	0.0066
5G20910.	SMB2183B	03/03/09 16:08	Soil	5G20902.	13.0251	0.0177	13.5665	0.0074
5G20911.	100PPB	03/03/09 16:26	Soil	5G20902.	13.0262	0.0092	13.5673	0.0133
5G20912.	400PPB	03/03/09 16:44	Soil	5G20902.	13.0253	0.0161	13.5655	0
5G20913.	AC42940-015	03/03/09 17:02	Aqueous	5G20902.	13.0253	0.0161	13.5649	0.0044
5G20914.	AC42940-017	03/03/09 17:20	Aqueous	5G20902.	13.0258	0.0123	13.5655	0
5G20915.	AC42940-019	03/03/09 17:38	Aqueous	5G20902.	13.0243	0.0238	13.5642	0.0096
5G20916.	AC42940-021	03/03/09 17:56	Aqueous	5G20902.	13.0236	0.0292	13.5649	0.0044
5G20917.	AC42940-023	03/03/09 18:14	Aqueous	5G20902.	13.0255	0.0146	13.5642	0.0096
5G20918.	AC42940-025	03/03/09 18:33	Aqueous	5G20902.	13.0244	0.023	13.5639	0.0118
5G20919.	AC42940-027	03/03/09 18:51	Aqueous	5G20902.	13.0240	0.0261	13.5650	0.0037
5G20920.	100PPB	03/03/09 19:09	Aqueous	5G20902.	13.0261	0.01	13.5655	0
5G20921.	CAL PEST@400PPB	03/03/09 19:27	Aqueous	5G20902.	13.0258	0.0123	13.5657	0.0015

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 608

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G20922.	CAL EVAL	03/04/09 07:59	Aqueous					
5G20923.	100PPB	03/04/09 08:40	Aqueous					
5G20924.	CAL PEST@100PPB	03/04/09 09:05	Aqueous	5G20924.	13.0249	0	13.5625	0
5G20925.	WMB3490	03/04/09 09:31	Aqueous	5G20924.	13.0257	0.0061	13.5630	0.0037
5G20926.	WMB3490(MS)	03/04/09 09:49	Aqueous	5G20924.	13.0233	0.0123	13.5635	0.0074
5G20927.	AC43008-002(T)(MS)	03/04/09 10:07	Aqueous	5G20924.	13.0220	0.0223	13.5620	0.0037
5G20928.	AC43008-002(T)(MSD)	03/04/09 10:26	Aqueous	5G20924.	13.0210	0.03	13.5610	0.0111
5G20929.	AC43008-002(T)	03/04/09 10:44	Aqueous	5G20924.	13.0227	0.0169	13.5624	0.0007
5G20930.	AC43008-004(T)	03/04/09 11:02	Aqueous	5G20924.	13.0218	0.0238	13.5610	0.0111
5G20931.	AC43008-006(T)	03/04/09 11:20	Aqueous	5G20924.	13.0219	0.023	13.5627	0.0015
5G20932.	AC43008-008(T)	03/04/09 11:38	Aqueous	5G20924.	13.0216	0.0253	13.5621	0.0029
5G20933.	AC43008-010(T)	03/04/09 11:56	Aqueous	5G20924.	13.0220	0.0223	13.5623	0.0015
5G20934.	AC42958-001(T)	03/04/09 12:14	Aqueous	5G20924.	13.0229	0.0154	13.5632	0.0052
5G20935.	EF-1 V-61687	03/04/09 12:33	Aqueous	5G20924.	13.0231	0.0138	13.5639	0.0103
5G20936.	EF-2 V-60229	03/04/09 12:51	Aqueous	5G20924.	13.0236	0.01	13.5621	0.0029
5G20937.	CAL PEST@100PPB	03/04/09 13:09	Aqueous	5G20924.	13.0239	0.0077	13.5639	0.0103
5G20938.	AC42940-015	03/04/09 13:27	Aqueous	5G20937.	13.0227	0.0092	13.5626	0.0096
5G20939.	SMB2185B(MS)	03/04/09 13:46	Soil	5G20937.	13.0223	0.0123	13.5638	0.0007
5G20940.	SMB2185B	03/04/09 14:04	Soil	5G20937.	13.0230	0.0069	13.5628	0.0081
5G20941.	CAL PEST@200PPB	03/04/09 14:43	Soil	5G20937.	13.0258	0.0146	13.5648	0.0066
5G20942.	AC42992-001	03/04/09 15:21	Soil	5G20941.	13.0263	0.0038	13.5628	0.0147
5G20943.	AC42992-001(MS)	03/04/09 15:40	Soil	5G20941.	13.0239	0.0146	13.5631	0.0125
5G20944.	AC42992-001(MSD)	03/04/09 15:58	Soil	5G20941.	13.0236	0.0169	13.5643	0.0037
5G20945.	AC42992-002	03/04/09 16:16	Soil	5G20941.	13.0241	0.013	13.5647	0.0007
5G20946.	AC42992-003	03/04/09 16:34	Soil	5G20941.	13.0241	0.013	13.5648	0
5G20947.	AC42992-004	03/04/09 16:52	Soil	5G20941.	13.0242	0.0123	13.5653	0.0037
5G20948.	AC42992-005	03/04/09 17:10	Soil	5G20941.	13.0226	0.0246	13.5638	0.0074
5G20949.	200PPB	03/04/09 17:28	Soil	5G20941.	13.0239	0.0146	13.5640	0.0059
5G20950.	CAL PEST@400PPB	03/04/09 17:47	Soil	5G20941.	13.0243	0.0115	13.5656	0.0059

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

GC Pesticide Data
Sample Data

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-001
Client Id: MW-1 U
Data File: 6G12820.D
Analysis Date: 02/27/09 14:09
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 940ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12820.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:09
Operator : JP
Sample : AC42940-001
Misc : A,PEST
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:42:17 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.688	3.723	2053114	1220842	95.863m	98.919m
22)DCB-Surrogate	10.517	11.027	1980827	1877120	112.505	119.730

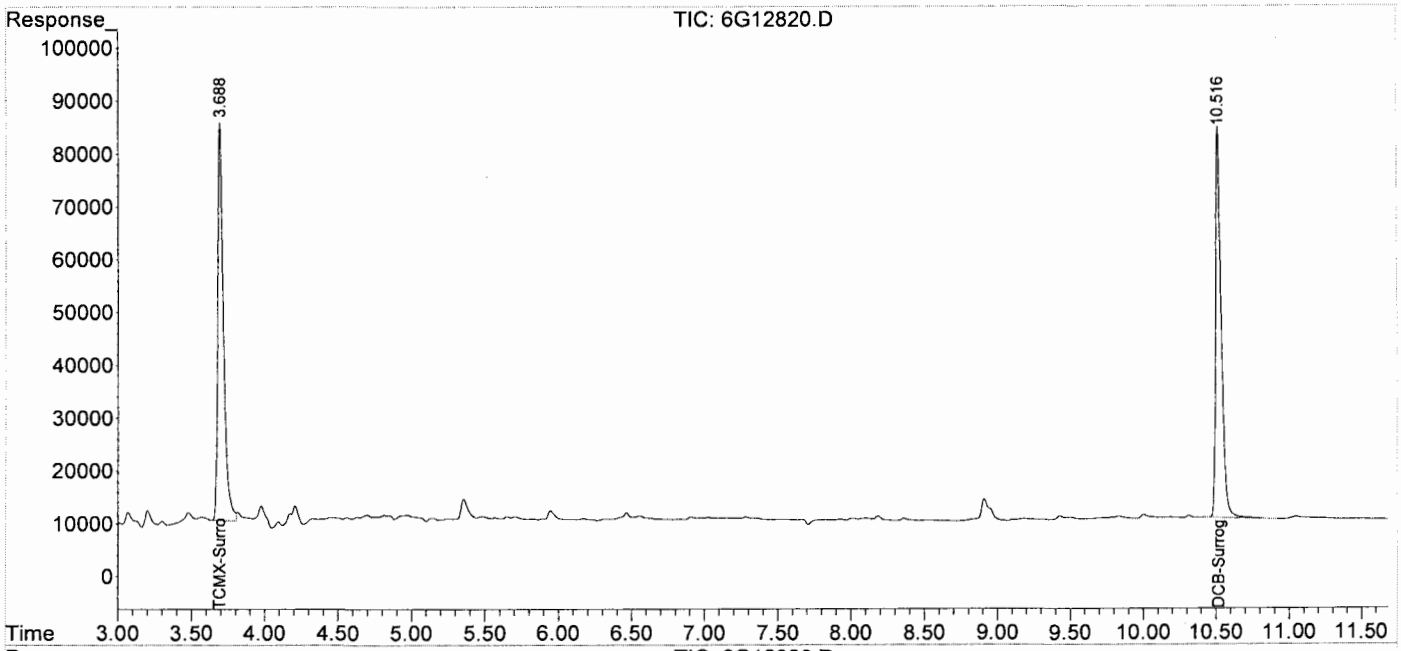
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

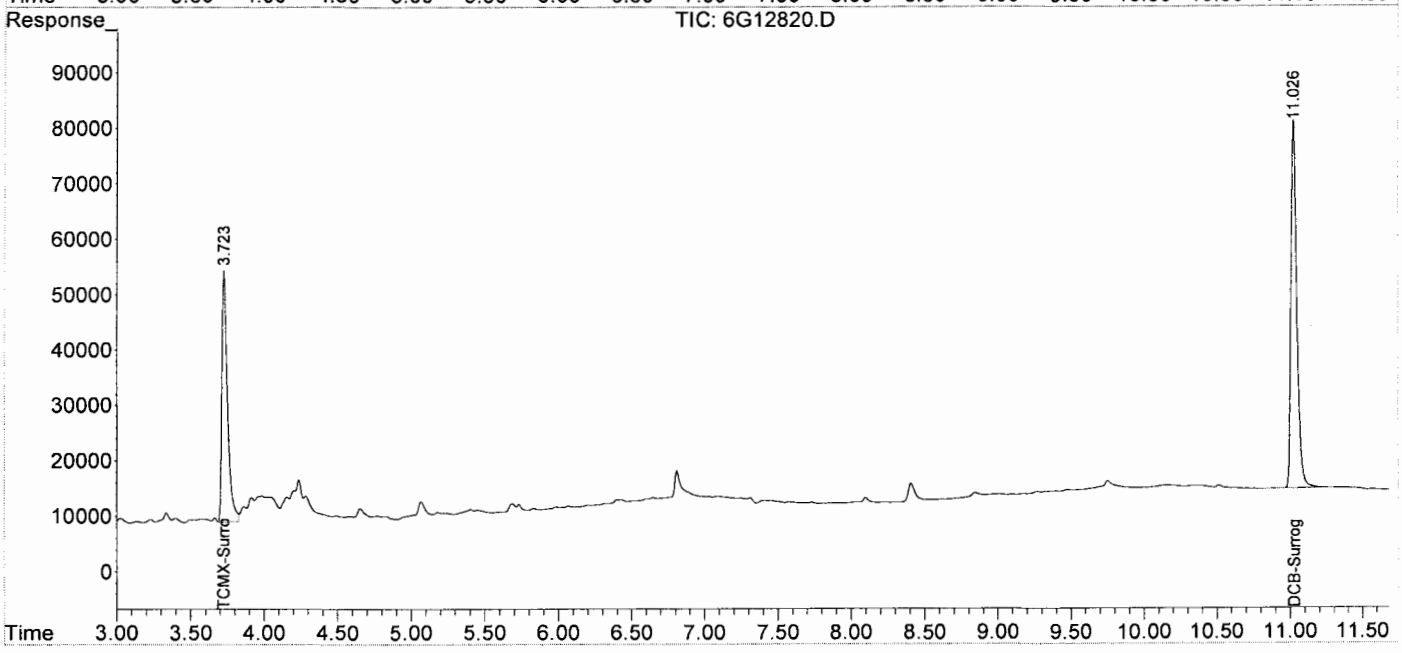
9P

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12820.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:09
Operator : JP
Sample : AC42940-001
Misc : A,PEST
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:42:17 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-003
Client Id: MW-2 U
Data File: 6G12821.D
Analysis Date: 02/27/09 14:24
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12821.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:24
Operator : JP
Sample : AC42940-003
Misc : A,PEST
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:44:07 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	3.687	3.725	2146696	1304751	100.233	105.718
22)	DCB-Surrogate	10.514	11.027	1971053	1801768	111.950	114.923

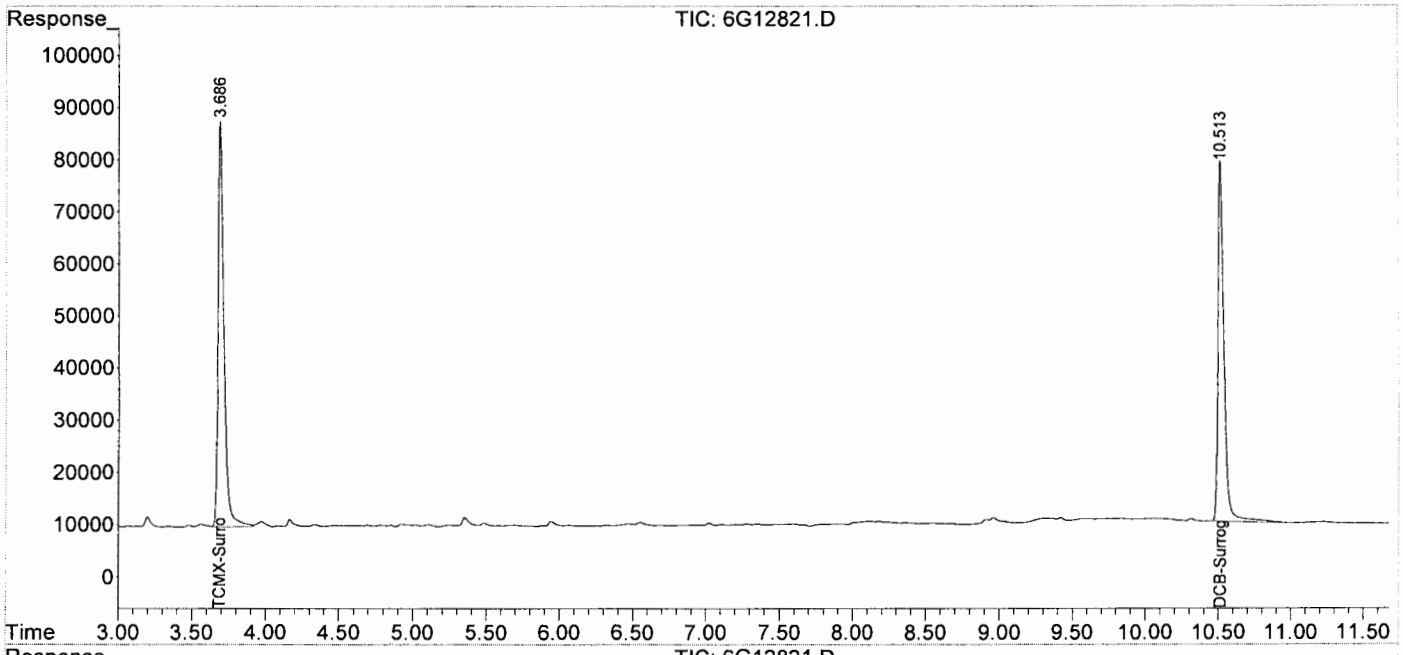
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

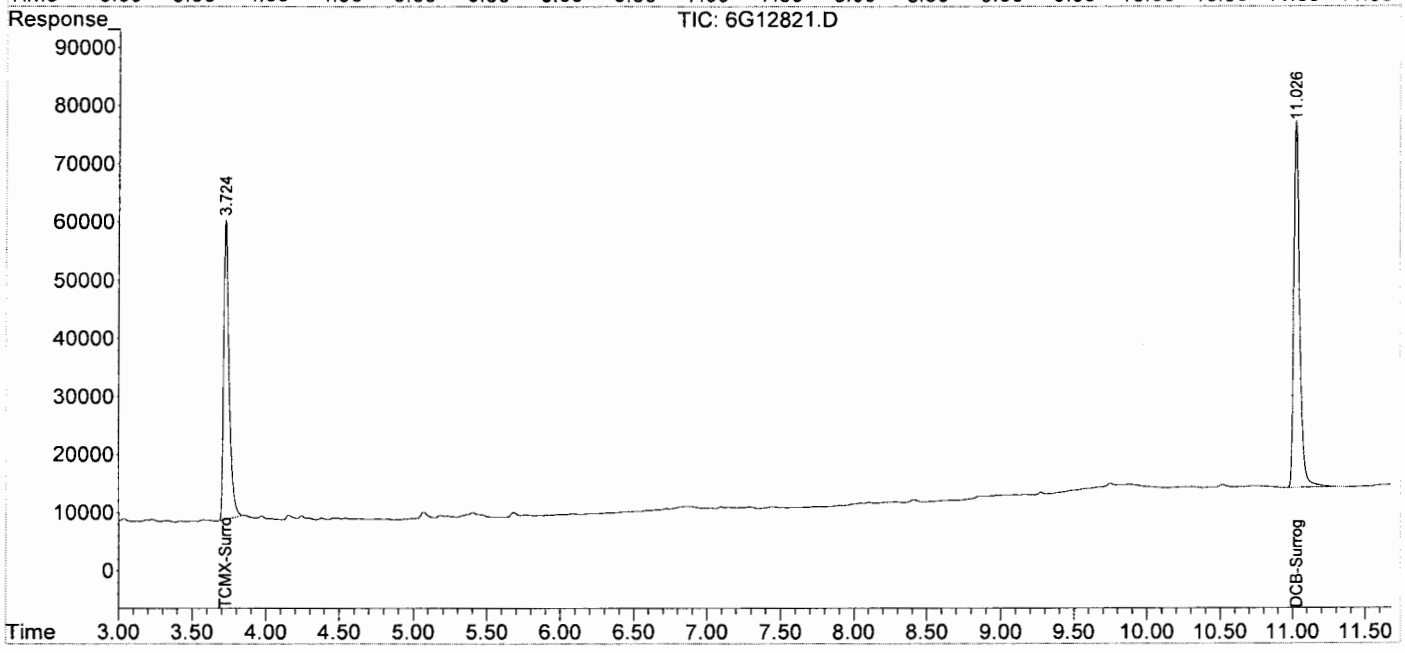
9P

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12821.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:24
Operator : JP
Sample : AC42940-003
Misc : A,PEST
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:44:07 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-005
Client Id: MW-3 U
Data File: 6G12822.D
Analysis Date: 02/27/09 14:39
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12822.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:39
Operator : JP
Sample : AC42940-005
Misc : A,PEST
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 15:03:51 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.686	3.724	2466386	1596937	115.159m	129.392m
22)DCB-Surrogate	10.513	11.026	2234275	2133428	126.901	136.078m

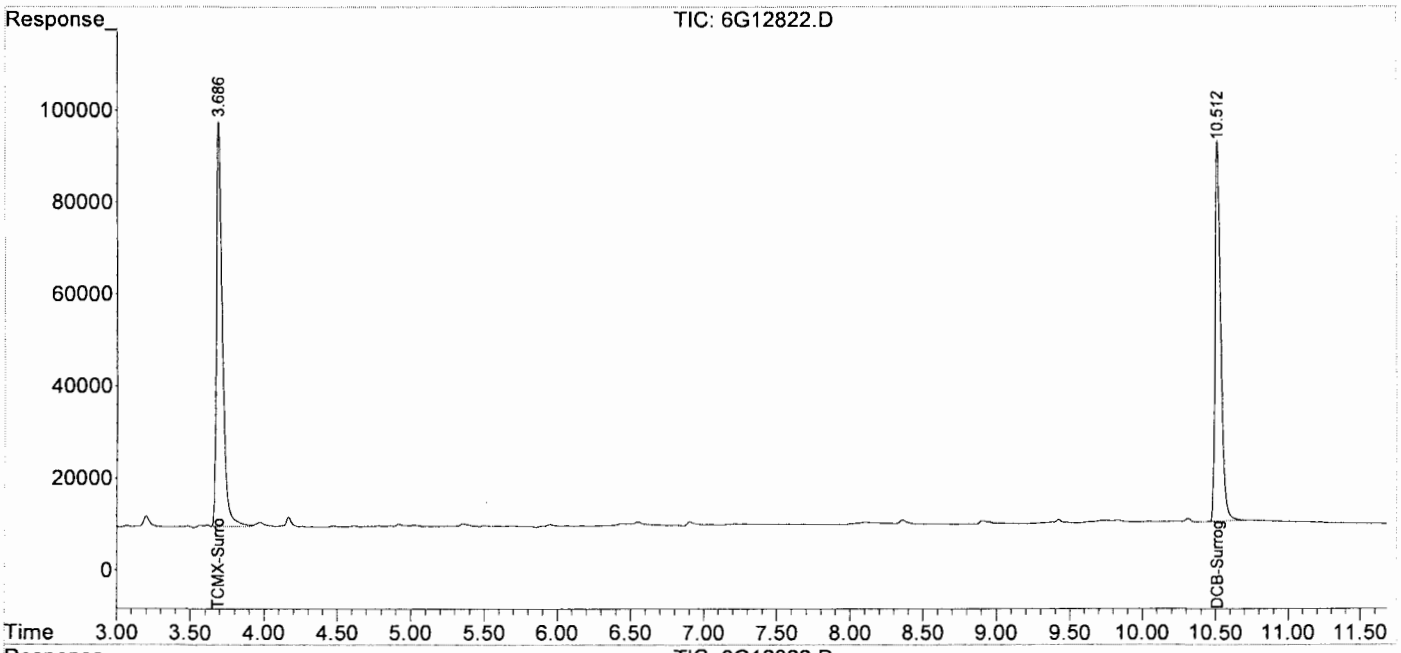
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

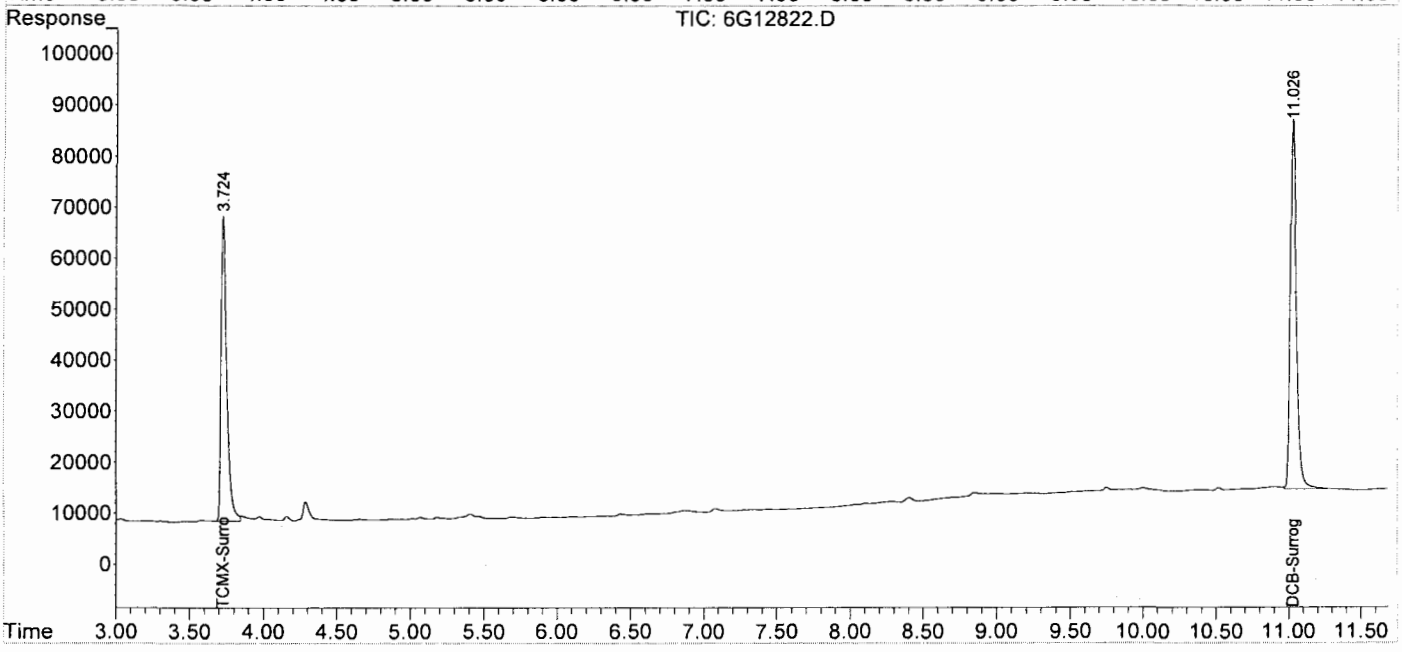
9P

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12822.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:39
Operator : JP
Sample : AC42940-005
Misc : A,PEST
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 15:03:51 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-007
Client Id: MW-4 U
Data File: 6G12823.D
Analysis Date: 02/27/09 14:54
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12823.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:54
Operator : JP
Sample : AC42940-007
Misc : A,PEST:0.5
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 15:20:32 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	3.685	3.724	3253024	1965977	151.889m	159.294m
22)	DCB-Surrogate	10.511	11.025	2723187	2538270	154.669m	161.900m

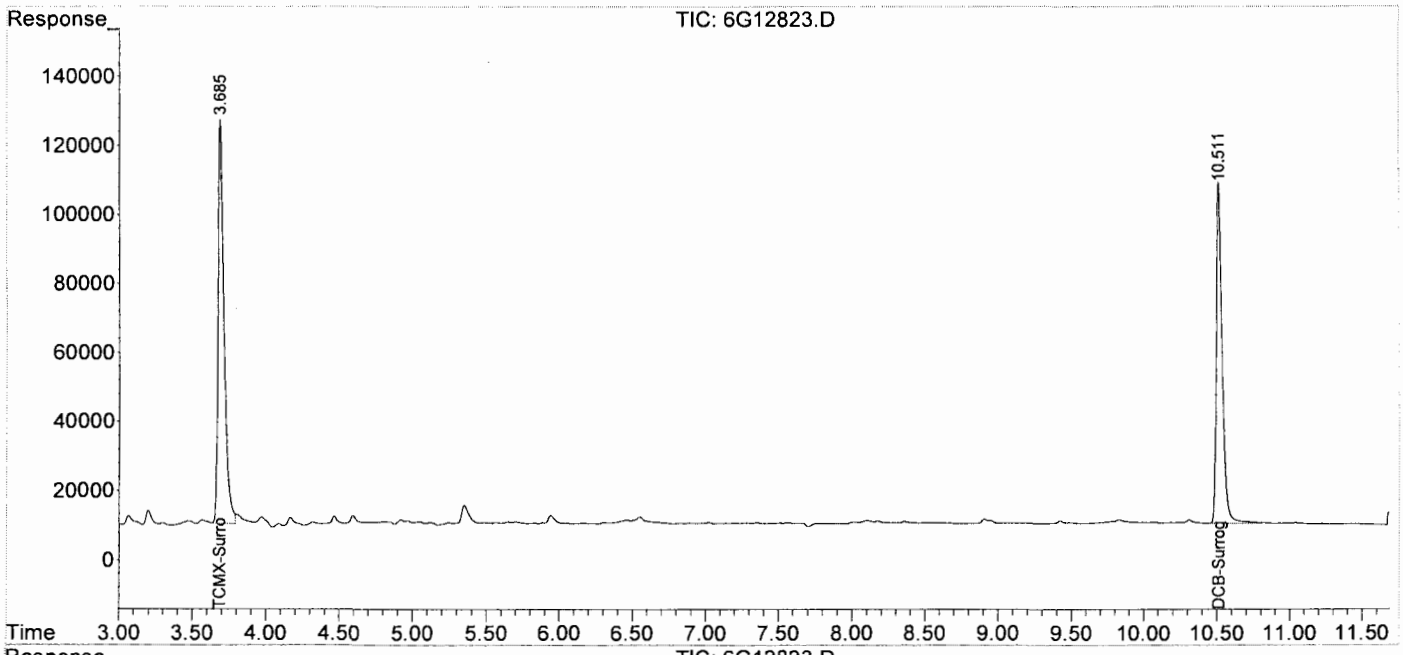
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

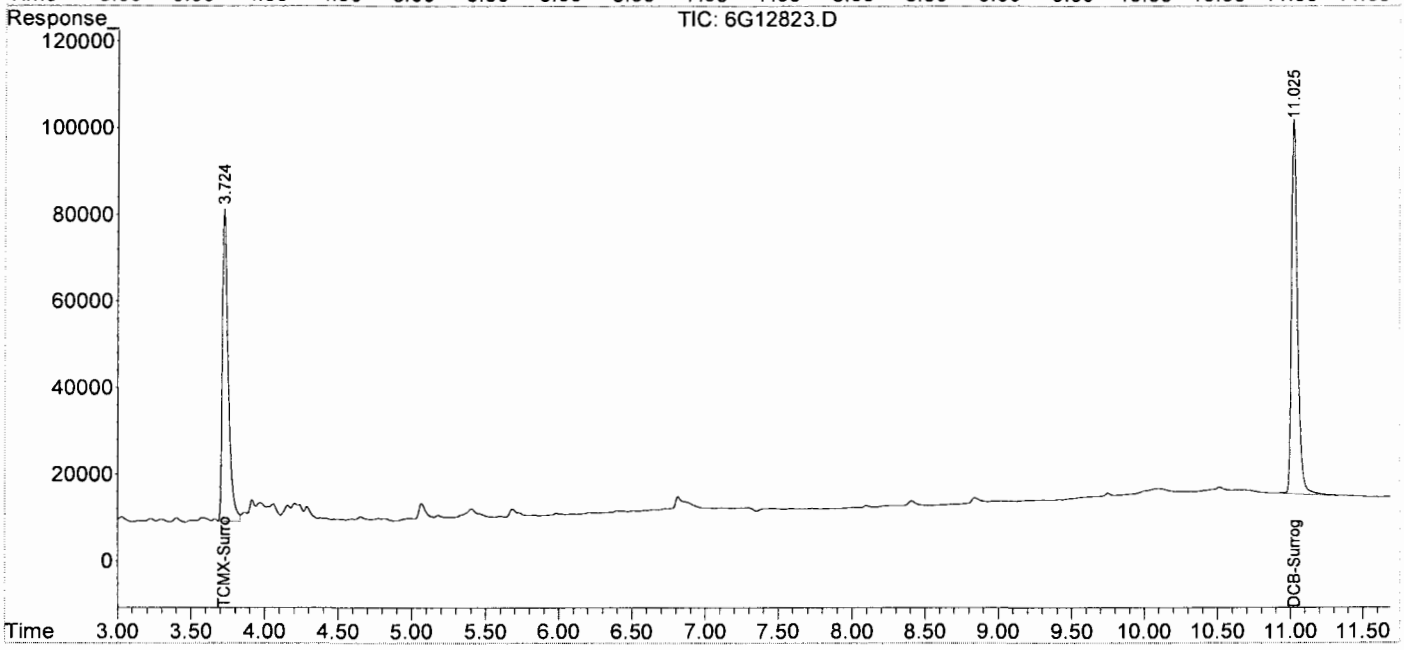
JP

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12823.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:54
Operator : JP
Sample : AC42940-007
Misc : A,PEST:0.5
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 15:20:32 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-009
Client Id: MW-5 U
Data File: 6G12825.D
Analysis Date: 02/27/09 15:25
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

0810

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12825.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 15:25
Operator : JP
Sample : AC42940-009
Misc : A,PEST:0.5
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 16:15:58 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	3.686	3.725	2895263	1838621	135.184m	148.975m
22)	DCB-Surrogate	10.512	11.026	2903930	2688816	164.935m	171.502m

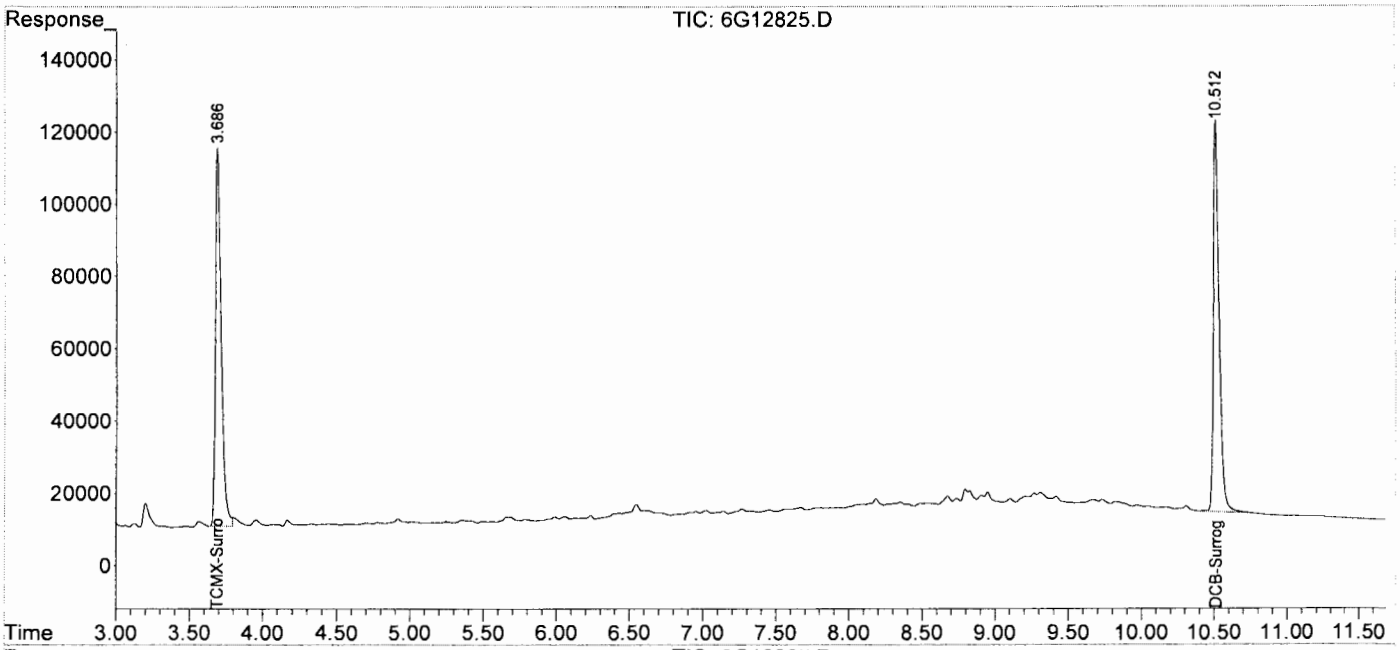
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

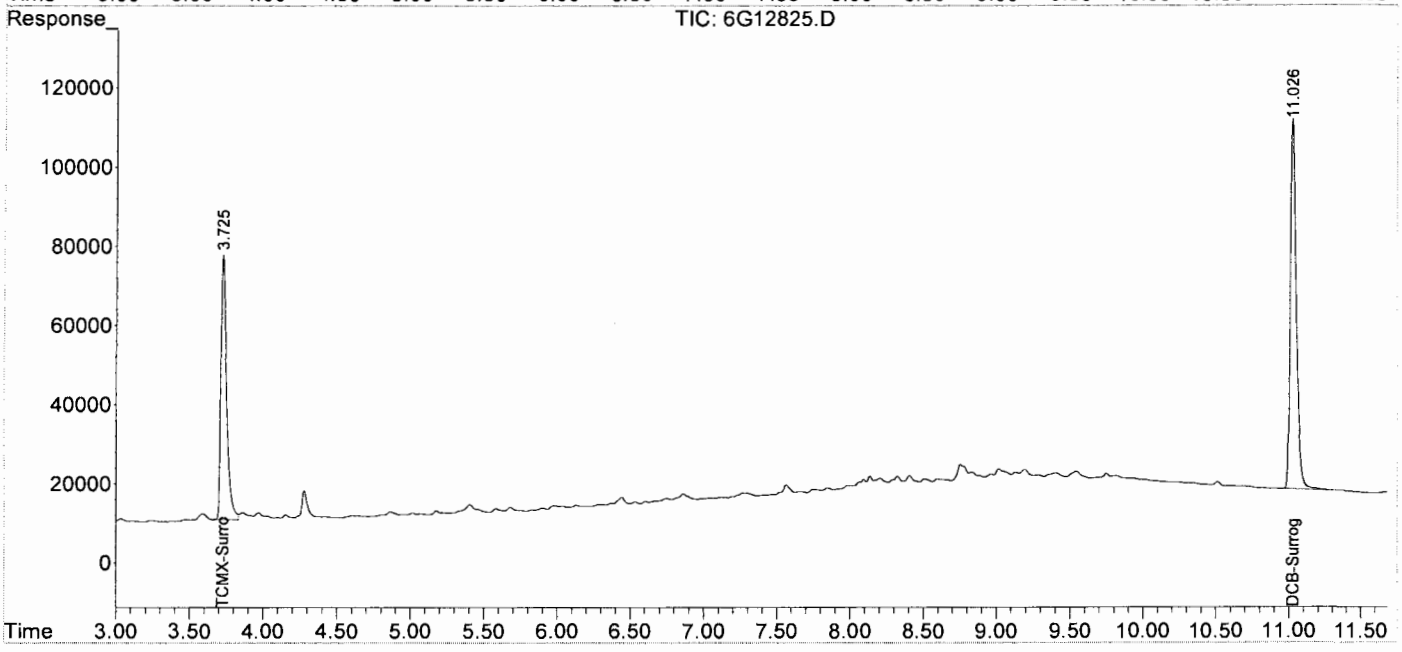
JP

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12825.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 15:25
Operator : JP
Sample : AC42940-009
Misc : A,PEST:0.5
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 16:15:58 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-011
Client Id: MW-6 U
Data File: 6G12826.D
Analysis Date: 02/27/09 15:40
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12826.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 15:40
Operator : JP
Sample : AC42940-011
Misc : A,PEST:0.5
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 02 11:51:11 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.687	3.725	4213078	2620605	196.715	212.335
22)DCB-Surrogate	10.511	11.027	3644019	3373817	206.970m	215.194

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

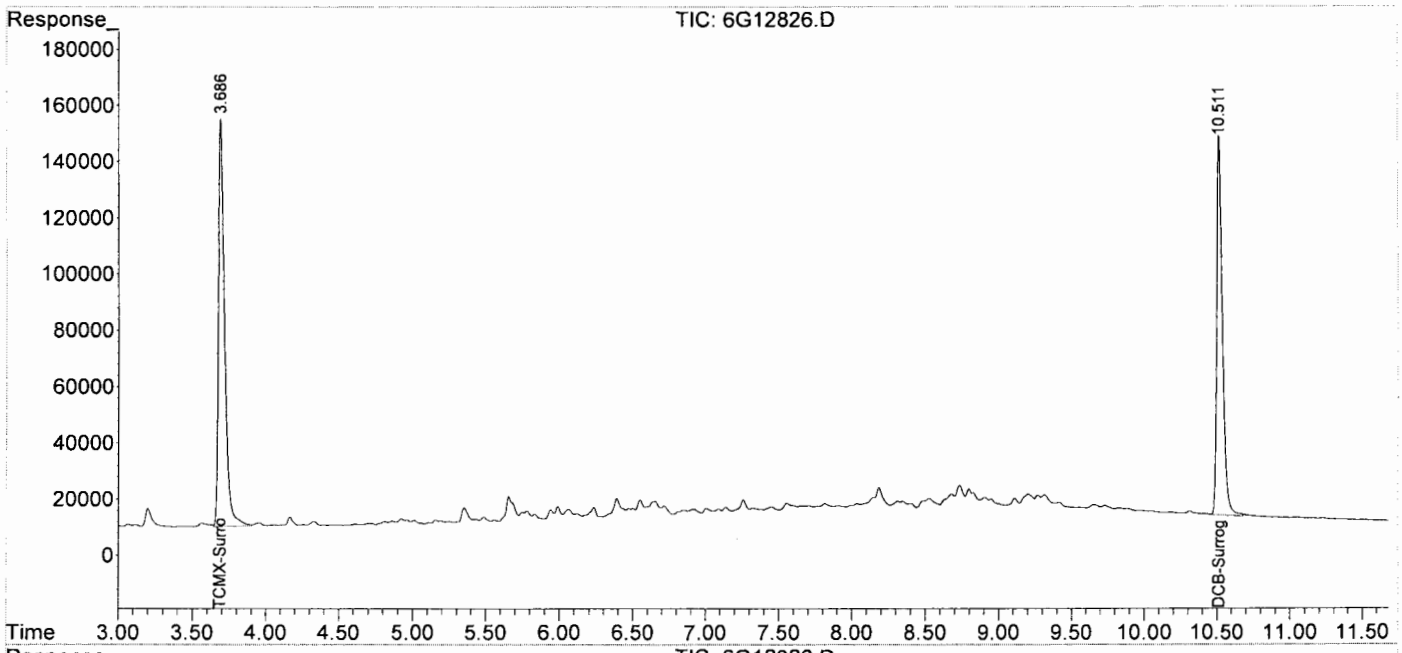
SP

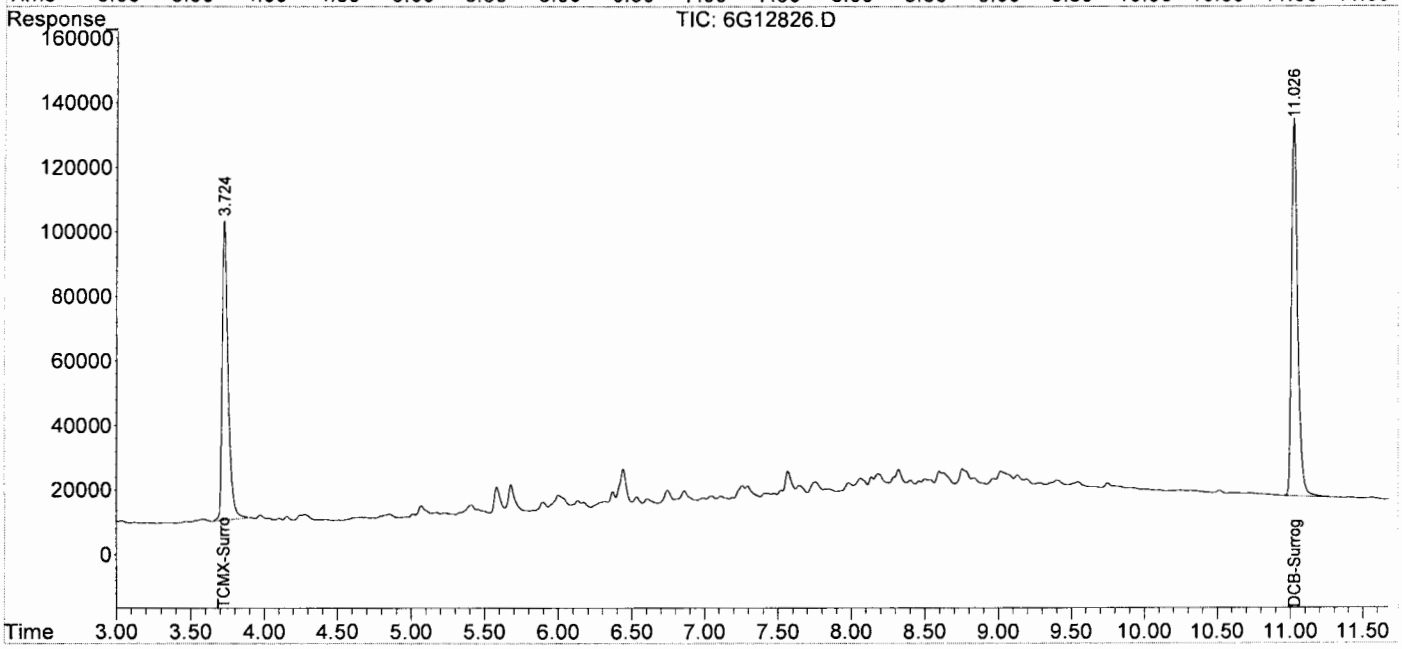
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12826.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 15:40
Operator : JP
Sample : AC42940-011
Misc : A,PEST:0.5
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 02 11:51:11 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-013
Client Id: MW-7 U
Data File: 6G12824.D
Analysis Date: 02/27/09 15:10
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	**beta-BHC**	**0.010**	**0.19**	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110485

Total Target Concentration 0.19

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 15:10
Operator : JP
Sample : AC42940-013
Misc : A,PEST:0.5
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 02 11:51:50 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.686	3.724	3269256	2529559	152.647	204.958 #
4)beta-BHC	5.987	5.004	380316	389935	27.640m	38.156m#
22)DCB-Surrogate	10.511	11.025	2657124	2532219	150.917m	161.514

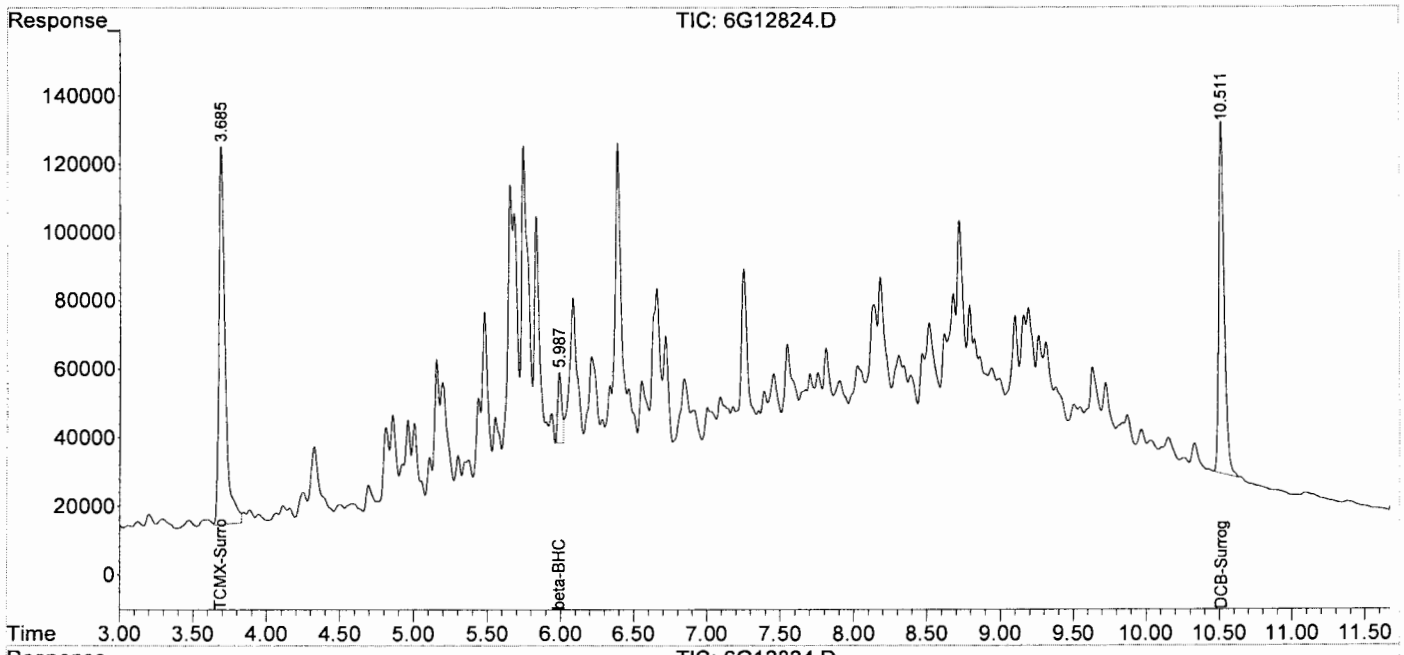
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

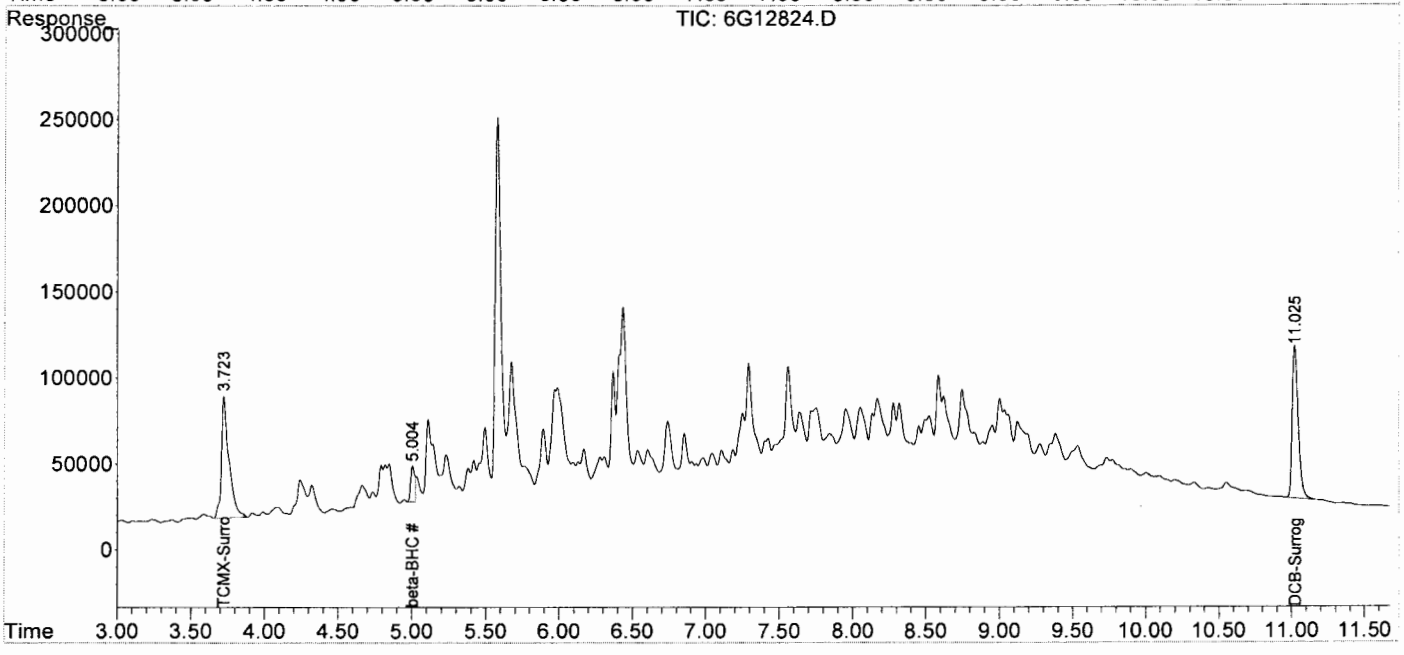
9P

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 15:10
Operator : JP
Sample : AC42940-013
Misc : A,PEST:0.5
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 02 11:51:50 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-015
Client Id: DUP-A U
Data File: 5G20938.D
Analysis Date: 03/04/09 13:27
Date Rec/Extracted: 02/25/09-03/02/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	**Dieldrin**	**0.011**	**0.024 d**	**72-43-5**	**Methoxychlor**	**0.011**	**0.044**
959-98-8	Endosulfan I	0.011	U	**72-54-8**	**p,p'-DDD**	**0.011**	**0.021**
33213-65-9	**Endosulfan II**	**0.011**	**0.10**	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.28	U

Worksheet #: 111421

Total Target Concentration 0.024

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\03-04-09\
Data File : 5G20938.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Mar 2009 13:27
Operator : JP
Sample : AC42940-015
Misc : A,PEST
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 06 09:48:01 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.101	6.126	76870111	52549806	69.177m	73.145m
13)Dieldrin	10.066	10.063	5712538	12629681	4.320m	14.580m#
15)p,p'-DDD	10.708	10.607	3879777	2593702	3.740m	3.803m
16)Endosulfan II	10.828	10.702	19636168	10634470	18.505m	13.934m
20)Methoxychlor	11.583	11.951	3014315	1607910	7.912m	6.219m
22)DCB-Surrogate	13.023	13.563	88853038	50731088	90.225	84.930

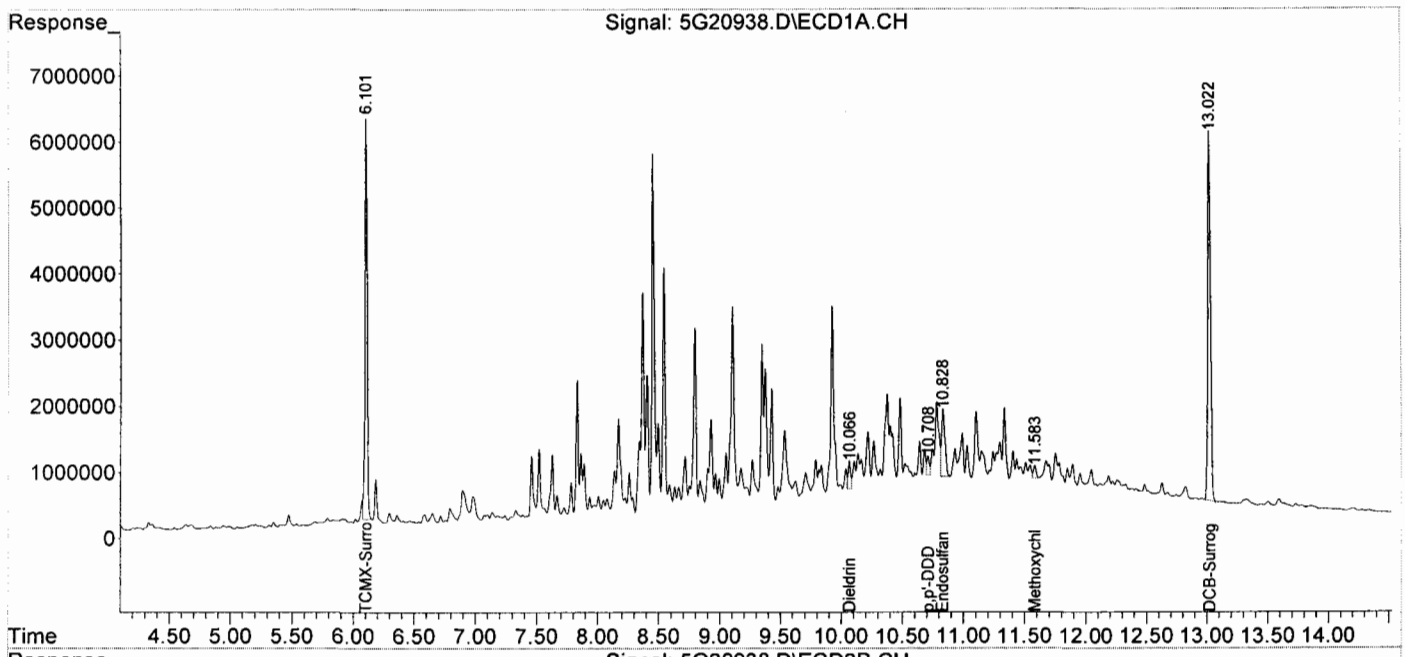
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

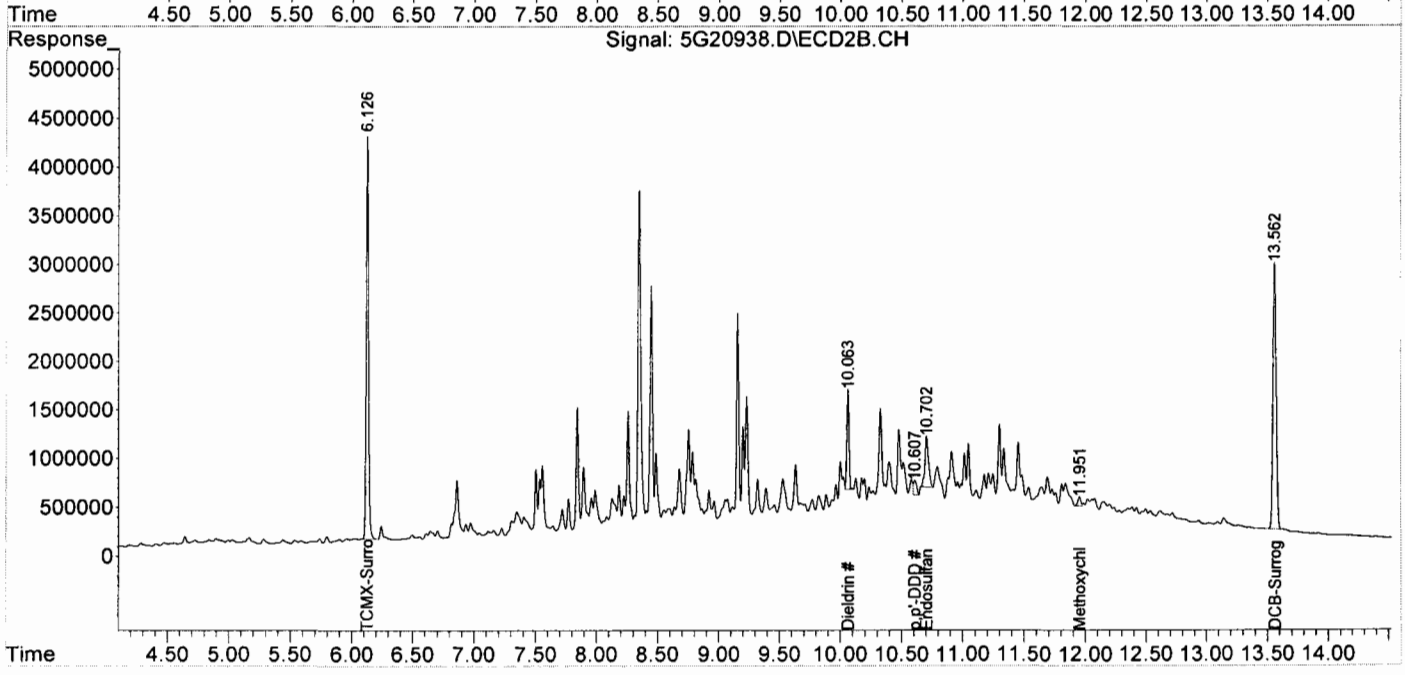
MS

Data Path : G:\Gcdata\2009\GC_5\Data\03-04-09\
Data File : 5G20938.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Mar 2009 13:27
Operator : JP
Sample : AC42940-015
Misc : A,PEST
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 06 09:48:01 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC42940-029
Client Id: FB U
Data File: 6G12827.D
Analysis Date: 02/27/09 15:55
Date Rec/Extracted: 02/25/09-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 2.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12827.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 15:55
Operator : JP
Sample : AC42940-029
Misc : A,PEST:0.5
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 16:22:19 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	3.686	3.726	3979506	2518962	185.809m	204.100m
22)	DCB-Surrogate	10.512	11.027	3272220	3065370	185.853m	195.520m

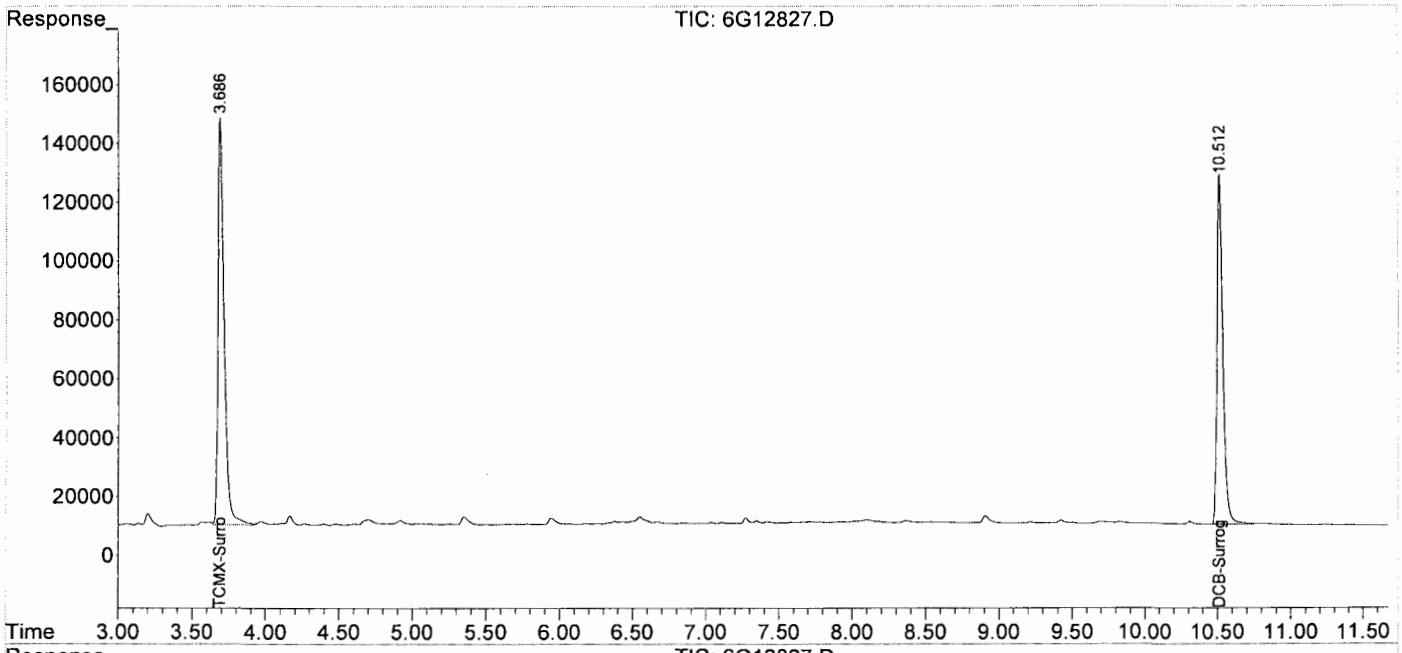
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

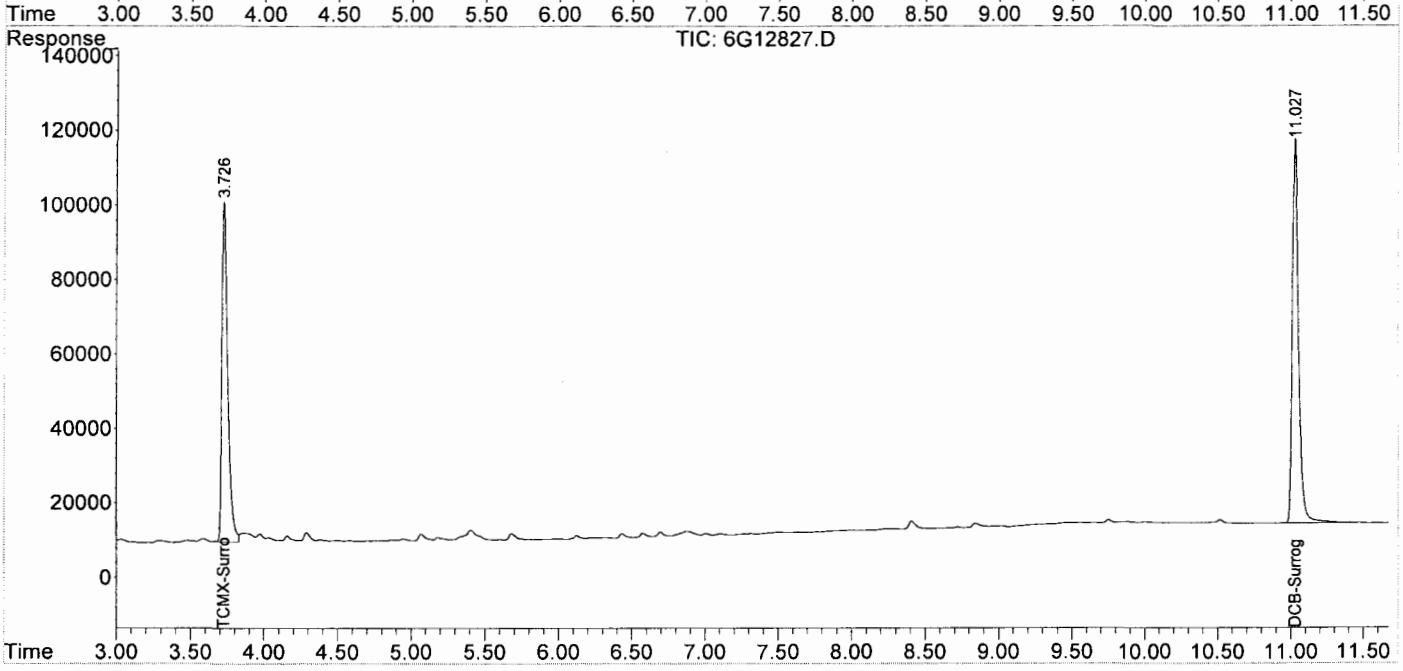
9P

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12827.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 15:55
Operator : JP
Sample : AC42940-029
Misc : A,PEST:0.5
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 16:22:19 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:58:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





GC Pesticide Data
Standards Data

Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6G12342.	CAL PEST@2PPB	02/10/09 01:02	2	6G12343.	CAL PEST@10PPB	02/10/09 01:17
3	6G12338.	CAL PEST@50PPB	02/10/09 00:01	4	6G12339.	CAL PEST@100PPB	02/10/09 00:16
5	6G12340.	CAL PEST@200PPB	02/10/09 00:32	6	6G12341.	CAL PEST@400PPB	02/10/09 00:47
7	6G12344.	CAL CHLO@100PPB	02/10/09 01:32	8	6G12345.	CAL TOX@500PPB	02/10/09 01:47

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	2.0400	1.8357	1.6204	1.6604	1.6699	1.5708	----	----	1.73	3.69	0.999	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	LinF	2.0514	1.9139	2.2724	2.5173	2.5426	2.5923	----	----	2.32	4.68	1.00	1.00	12	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Avg	2.2973	2.1241	2.1706	2.3519	2.3513	2.3010	----	----	2.27	5.16	1.00	1.00	4.2	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	LinF	1.7355	1.3999	1.1894	1.2096	1.1625	1.1313	----	----	1.30	5.99	1.00	1.00	18	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Avg	2.6357	2.2699	2.1388	2.2104	2.1645	2.1404	----	----	2.26	5.42	1.00	1.00	8.4	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Avg	2.3925	1.9060	1.9982	2.1967	2.2188	2.2562	----	----	2.16	6.32	1.00	1.00	8.2	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Avg	2.3166	2.0624	2.0806	2.2336	2.2184	2.2211	----	----	2.19	5.77	1.00	1.00	4.5	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	2.4953	2.1363	1.9570	2.0387	1.9948	1.9733	----	----	2.10	6.57	1.00	1.00	9.7	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Avg	2.6778	2.3425	2.2484	2.4264	2.4081	2.3834	----	----	2.41	6.96	1.00	1.00	6.0	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	2.6201	2.3121	2.1274	2.2266	2.2128	2.2113	----	----	2.29	7.03	1.00	1.00	7.6	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	LinF	1.9347	1.6686	1.5207	1.5372	1.4492	1.3805	----	----	1.58	6.92	0.999	1.00	13	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	1.8519	1.7129	1.7650	1.9503	1.9983	2.0475	----	----	1.89	7.11	1.00	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	2.0511	1.8046	1.8076	1.9680	1.9857	1.9808	----	----	1.93	7.36	1.00	1.00	5.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	1.7745	1.5981	1.5769	1.7160	1.7390	1.7574	----	----	1.69	7.62	1.00	1.00	5.0	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	1.4953	1.2701	1.2918	1.4275	1.4692	1.5021	----	----	1.41	8.06	1.00	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	1.9157	1.7332	1.6398	1.7474	1.7361	1.7396	----	----	1.75	8.18	1.00	1.00	5.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Qua	0.7982	0.9795	1.1312	1.3193	1.4053	1.5001	----	----	1.19	8.27	0.998	1.00	23	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Avg	1.4306	1.2115	1.1653	1.2341	1.2622	1.2951	----	----	1.27	8.67	1.00	1.00	7.2	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	1.6459	1.4422	1.4043	1.5124	1.5277	1.6125	----	----	1.52	9.04	0.999	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	LinF	0.6777	0.6364	0.6952	0.7351	0.7451	0.7789	----	----	0.711	8.97	0.999	1.00	7.2	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Avg	1.6789	1.5346	1.5494	1.6755	1.6858	1.7197	----	----	1.64	9.55	1.00	1.00	4.8	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	LinF	2.3464	1.8588	1.5353	1.5493	1.4581	1.4207	----	----	1.69	10.52	1.00	1.00	21	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	----	----	----	----	----	----	----	----	0.0848	5.24	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	----	----	----	----	----	----	----	----	0.255	6.96	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	----	----	----	----	----	----	----	----	0.452	7.03	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	----	----	----	----	----	----	----	----	0.00821	7.18	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	----	----	----	----	----	----	----	----	0.0155	7.87	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	----	----	----	----	----	----	----	----	0.0224	8.09	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	----	----	----	----	----	----	----	----	0.0296	8.53	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	----	----	----	----	----	----	----	----	0.0123	9.07	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Avg	1.3835	1.2272	1.1398	1.1626	1.1276	1.1035	----	----	1.19	3.73	1.00	1.00	8.7	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Qua	1.4618	1.3208	1.5577	1.7718	1.8353	1.9022	----	----	1.64	4.49	0.999	1.00	14	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	1.4444	1.3469	1.4593	1.6153	1.6269	1.6346	----	----	1.52	4.96	1.00	1.00	7.9	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	Avg	1.0762	0.9432	0.8968	0.9275	0.9342	0.9546	----	----	0.955	5.02	1.00	1.00	6.5	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	LinF	2.2150	1.6496	1.4754	1.5666	1.5651	1.5707	----	----	1.67	5.37	1.00	1.00	16	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	LinF	1.5007	1.2437	1.4001	1.5777	1.6257	1.6914	----	----	1.51	5.48	0.999	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 9.09 Avg Rsd Col 2: 9.75

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6G12342.	CAL PEST@2PPB	02/10/09 01:02	2	6G12343.	CAL PEST@10PPB	02/10/09 01:17
3	6G12338.	CAL PEST@50PPB	02/10/09 00:01	4	6G12339.	CAL PEST@100PPB	02/10/09 00:16
5	6G12340.	CAL PEST@200PPB	02/10/09 00:32	6	6G12341.	CAL PEST@400PPB	02/10/09 00:47
7	6G12344.	CAL CHLO@100PPB	02/10/09 01:32	8	6G12345.	CAL TOX@500PPB	02/10/09 01:47

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	1.5493	1.4176	1.4652	1.5935	1.6166	1.6552	----	----	1.55	5.78	1.00	1.00	5.9	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	1.6757	1.4031	1.3809	1.4558	1.4514	1.4650	----	----	1.47	6.46	1.00	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
γ-chlordane	2	0	Avg	1.7199	1.4836	1.4358	1.5286	1.5359	1.5622	----	----	1.54	6.67	1.00	1.00	6.3	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	Avg	1.5798	1.4034	1.3486	1.4048	1.3624	1.3362	----	----	1.41	6.86	1.00	1.00	6.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	1.5547	1.4694	1.4300	1.5421	1.5781	1.6156	----	----	1.53	6.91	1.00	1.00	4.5	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	1.4546	1.2735	1.3140	1.4225	1.4471	1.4871	----	----	1.40	7.15	1.00	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	1.3435	1.2558	1.3010	1.4256	1.4557	1.4949	----	----	1.38	7.29	1.00	1.00	6.8	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	1.2613	1.1096	1.1067	1.1927	1.2106	1.2352	----	----	1.19	7.75	1.00	1.00	5.4	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Qua	0.8373	0.8432	0.8786	0.9815	1.0349	1.1001	----	----	0.946	7.84	0.999	1.00	12	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	1.3434	1.2808	1.1988	1.2745	1.2815	1.3150	----	----	1.28	7.97	1.00	1.00	3.8	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Qua	0.8418	0.8276	0.9303	1.0524	1.1090	1.1718	----	----	0.989	8.22	0.999	1.00	15	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	LinF	1.6231	1.0647	0.9145	0.9404	0.9243	0.9288	----	----	1.07	8.37	1.00	1.00	26	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Avg	1.1191	0.9879	0.9895	1.0591	1.0749	1.1107	----	----	1.06	8.52	1.00	1.00	5.4	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	LinF	0.8299	0.5307	0.5412	0.5743	0.5918	0.6057	----	----	0.612	9.27	1.00	1.00	18	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Avg	1.2921	1.1833	1.1369	1.2239	1.2286	1.2435	----	----	1.22	9.49	1.00	1.00	4.4	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	LinF	2.1136	1.6529	1.4487	1.4623	1.4050	1.3720	----	----	1.58	11.03	1.00	1.00	18	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	----	----	----	----	----	----	----	----	0.0618	5.17	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	----	----	----	----	----	----	----	----	0.354	6.67	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	----	----	----	----	----	----	----	----	0.137	6.86	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	----	----	----	----	----	----	----	----	0.00770	7.12	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	----	----	----	----	----	----	----	----	0.0237	8.01	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	----	----	----	----	----	----	----	----	0.00638	8.31	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	----	----	----	----	----	----	----	----	0.0188	9.01	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	----	----	----	----	----	----	----	----	0.0127	9.08	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 9.09 Avg Rsd Col 2: 9.75

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Quantitation Report (QT Reviewed)

0827

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12342.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:02
Operator : JP
Sample : CAL PEST@2PPB
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 09:20:04 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.693	3.733	40800	27672	2.333m	2.255m
2)alpha-BHC	4.685	4.487	41028	29237	1.560	1.596m
3)gamma-BHC	5.156	4.955	45946	28889	2.021	1.844m
4)beta-BHC	5.991	5.021	34710	21525	2.746m	2.176
5)Heptachlor	5.425	5.365	52716	44301	2.332m	2.755m
6)delta-BHC	6.319	5.480	47850	30016	2.320m	1.812
7)Aldrin	5.773	5.783	46332	30987	2.103m	1.938
8)Heptachlor Epoxid	6.572	6.465	49906	33516	2.449m	2.262
9)y-chlordane	6.961	6.666	53556	34399	2.326	2.179m
10)a-chlordane	7.027	6.863	52403	31597	2.432	2.230m
11)Endosulfan I	6.924	6.915	38696	31095	2.479	2.008
12)p,p'-DDE	7.113	7.147	37038	29092	1.944	2.152m
13)Dieldrin	7.361	7.295	41023	26871	2.207	1.949
14)Endrin	7.617	7.756	35492	25227	1.897m	1.971m
15)p,p'-DDD	8.060	7.840	29907	16748	2.028	1.565
16)Endosulfan II	8.181	7.972	38316	26869	2.154	2.088m
17)p,p'-DDT	8.270	8.216	15966	16837	1.267	1.689m#
18)Endrin Aldehyde	8.674	8.373	28612	32463	2.188	3.566m#
19)Endosulfan Sulfat	9.042	8.522	32919	22383	1.930	2.106
20)Methoxychlor	8.973	9.278	13556	16599	2.022	2.912m#
21)Endrin Ketone	9.554	9.495	33578	25842	1.925m	2.145m
22)DCB-Surrogate	10.517	11.029	46930	42273	3.056	2.965m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

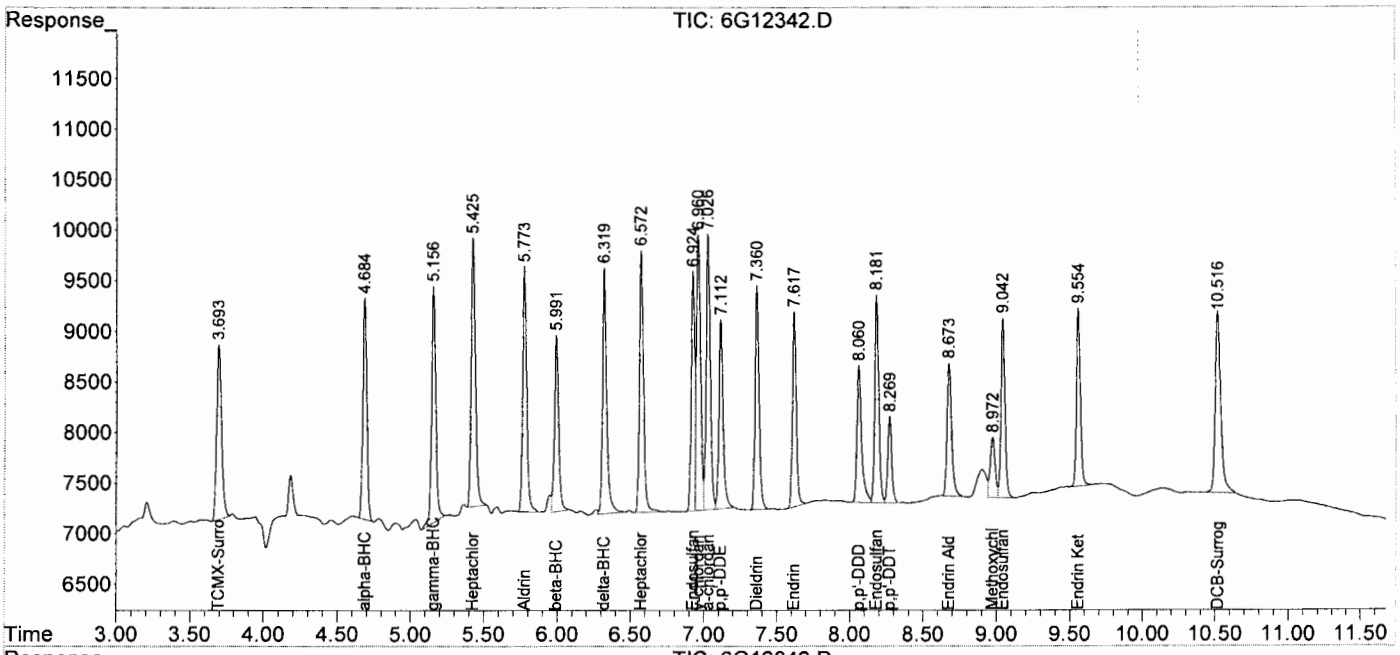
DP

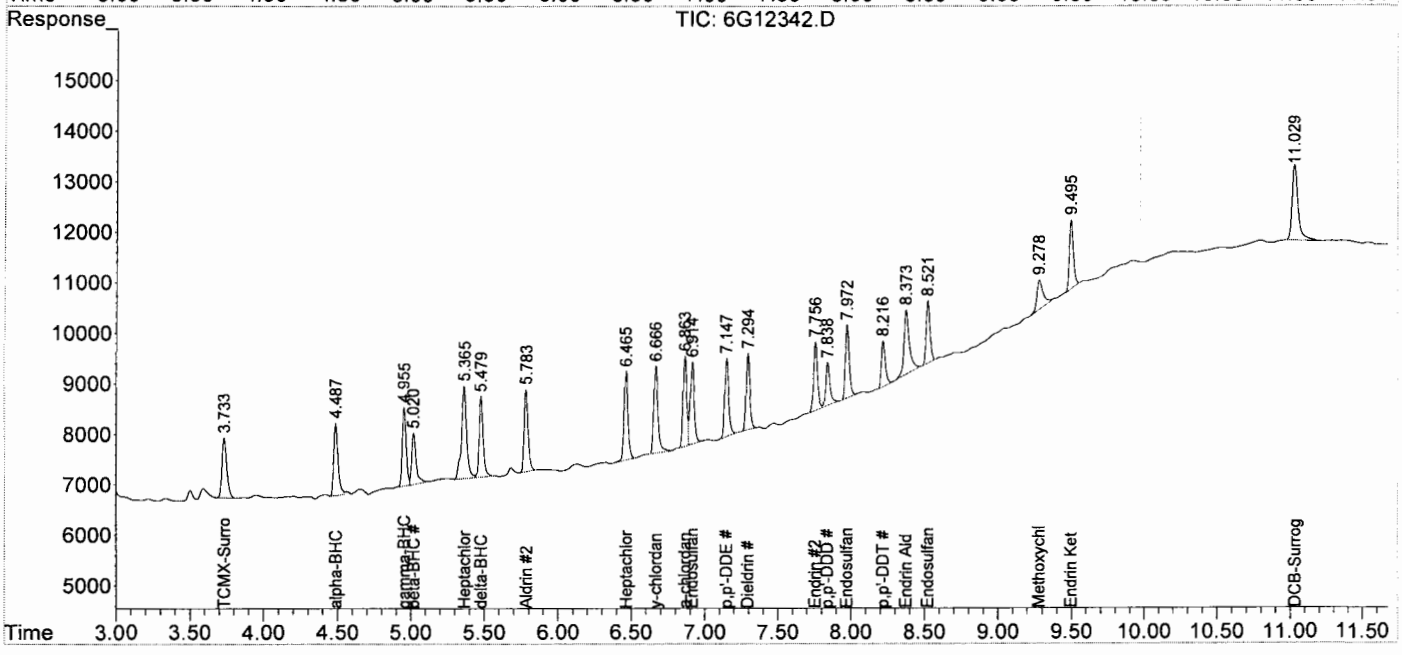
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12342.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:02
Operator : JP
Sample : CAL PEST@2PPB
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 09:20:04 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12343.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:17
Operator : JP
Sample : CAL PEST@10PPB
Misc : S,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:41:09 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.693	3.733	183575	122720	10.499m	9.999
2)alpha-BHC	4.684	4.488	191396	132081	7.276m	7.206
3)gamma-BHC	5.156	4.957	212413	134690	9.345	8.597
4)beta-BHC	5.990	5.021	139991	94325	11.074m	9.536
5)Heptachlor	5.425	5.366	226996	164969	10.044	10.258
6)delta-BHC	6.320	5.480	190608	124371	9.241	7.509
7)Aldrin	5.773	5.784	206240	141765	9.363m	8.868
8)Heptachlor Epoxid	6.572	6.465	213636	140317	10.482m	9.471
9)y-chlordane	6.960	6.666	234255	148365	10.175	9.399m
10)a-chlordane	7.027	6.864	231213	140340	10.731	9.903
11)Endosulfan I	6.924	6.914	166869	146949	10.689	9.474
12)p,p'-DDE	7.113	7.148	171294	127350	8.977	9.419
13)Dieldrin	7.360	7.294	180464	125586	9.709	9.109
14)Endrin	7.618	7.755	159815	110968	8.547	8.671m
15)p,p'-DDD	8.060	7.840	127017	84327	8.613	7.882
16)Endosulfan II	8.181	7.973	173320	128084	9.742	9.954
17)p,p'-DDT	8.269	8.217	97955	82760	7.749	8.273
18)Endrin Aldehyde	8.673	8.373	121153	106472	9.286	11.706 #
19)Endosulfan Sulfat	9.042	8.522	144228	98799	8.473	9.294
20)Methoxychlor	8.971	9.276	63645	53076	9.474m	9.310m
21)Endrin Ketone	9.555	9.495	153460	118336	8.802	9.822
22)DCB-Surrogate	10.516	11.028	185881	165293	12.106	11.615m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

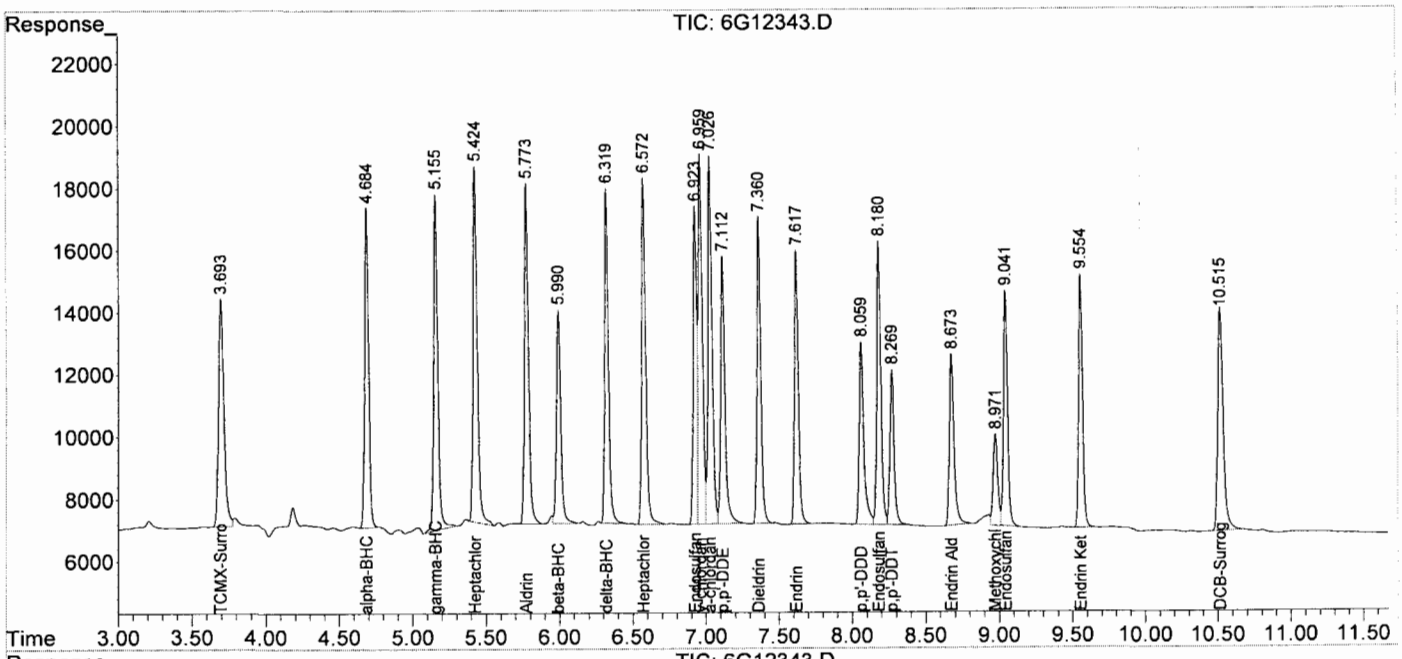
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

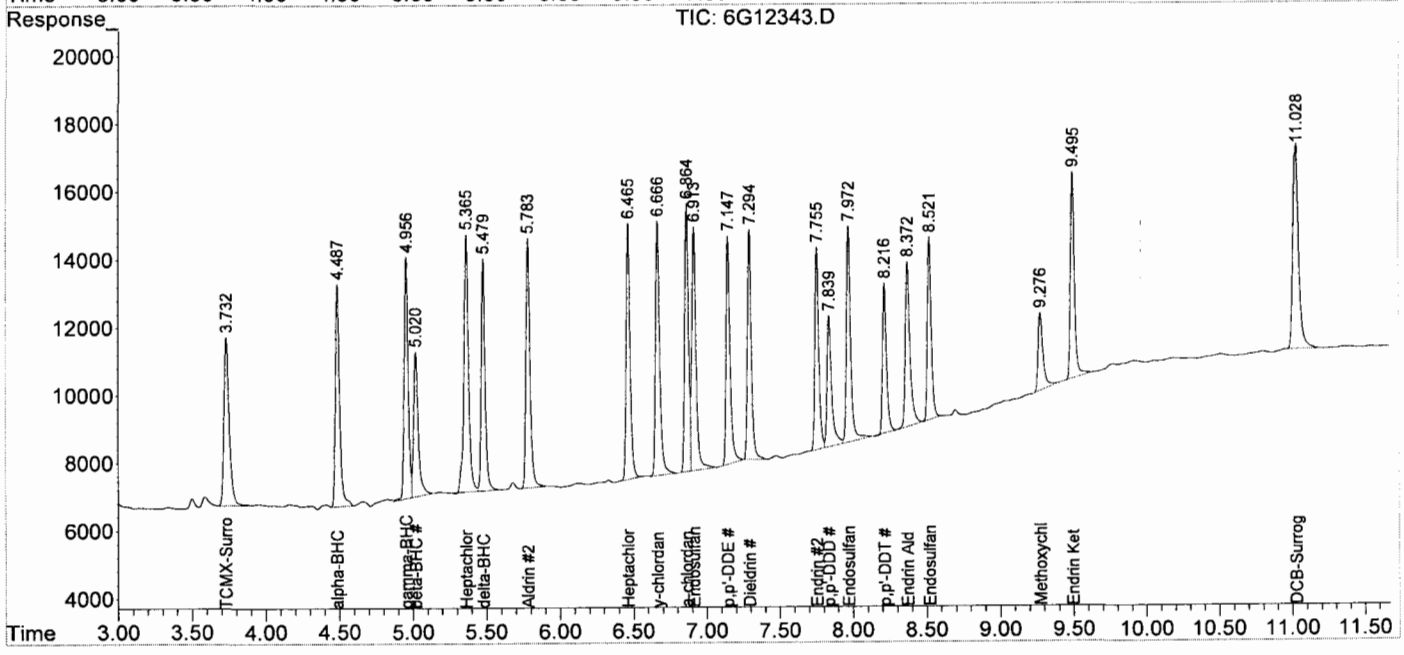
9P

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12343.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:17
Operator : JP
Sample : CAL PEST@10PPB
Misc : S,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:41:09 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12338.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:01
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:24:48 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.692	3.732	810198	569922	46.336m	46.436
2)alpha-BHC	4.685	4.487	1136237	778884	43.195	42.294
3)gamma-BHC	5.156	4.956	1085302	729665	47.745	46.573
4)beta-BHC	5.990	5.021	594741	448426	47.046	45.333
5)Heptachlor	5.425	5.365	1069431	737733	47.318	45.876
6)delta-BHC	6.320	5.480	999122	700070	48.439	42.270
7)Aldrin	5.773	5.783	1040311	732600	47.230	45.827
8)Heptachlor Epoxid	6.572	6.465	978501	690492	48.010	46.608
9)y-chlordane	6.960	6.667	1124240	717907	48.834	45.479
10)a-chlordane	7.026	6.864	1063734	674340	49.370	47.577
11)Endosulfan I	6.924	6.914	760374	715022	48.708	45.781
12)p,p'-DDE	7.112	7.147	882541	657043	45.937	48.597m
13)Dieldrin	7.359	7.293	903831	650524	48.627m	47.181m
14)Endrin	7.617	7.755	788465	553381	42.242	43.241m
15)p,p'-DDD	8.060	7.838	645935	439328	43.800	41.063
16)Endosulfan II	8.180	7.972	819905	599425	46.073	46.585
17)p,p'-DDT	8.269	8.216	565646	465161	43.966	45.657
18)Endrin Aldehyde	8.672	8.372	582673	457282	45.174	50.461
19)Endosulfan Sulfat	9.042	8.522	702193	494764	41.635	46.544
20)Methoxychlor	8.970	9.275	347616	270647	51.224m	47.473m
21)Endrin Ketone	9.554	9.495	774724	568474	44.589	47.184
22)DCB-Surrogate	10.515	11.028	767688	724368	49.997	51.316m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

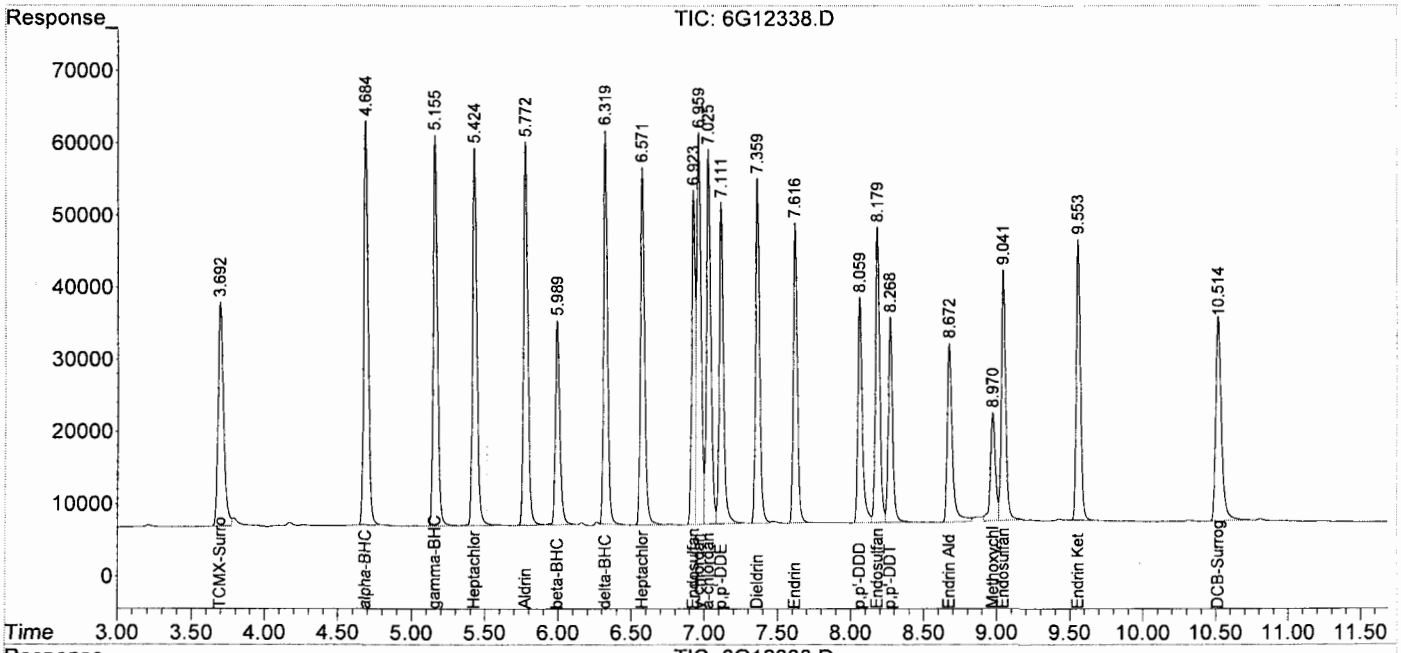
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

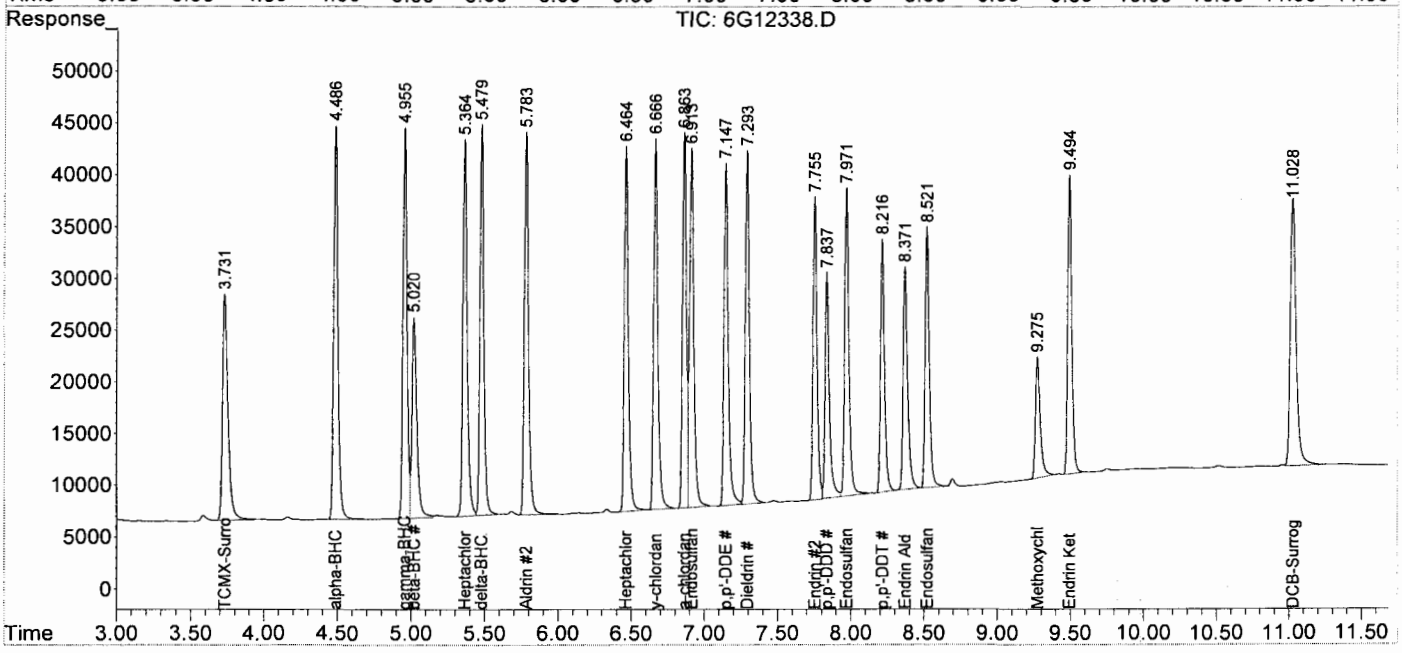
9P

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12338.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:01
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:24:48 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12339.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:16
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:26:52 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.695	3.734	1660469	1162693	94.963	94.734
2)alpha-BHC	4.686	4.489	2517312	1771870	95.697	95.535
3)gamma-BHC	5.157	4.958	2351932	1615296	103.467	103.102
4)beta-BHC	5.991	5.021	1209662	927542	95.689	93.769
5)Heptachlor	5.426	5.366	2210408	1566691	97.801	97.424
6)delta-BHC	6.320	5.481	2196775	1577751	106.503	95.263
7)Aldrin	5.774	5.785	2233643	1593544	101.407	99.682
8)Heptachlor Epoxid	6.573	6.466	2038724	1455882	100.029	98.271
9)y-chlordane	6.960	6.667	2426459	1528655	105.399	96.839
10)a-chlordane	7.027	6.864	2226647	1404803	103.343	99.088
11)Endosulfan I	6.924	6.915	1537286	1542184	98.476	97.773
12)p,p'-DDE	7.113	7.147	1950347	1422527	100.507	105.214m
13)Dieldrin	7.360	7.294	1968015	1425634	105.882m	103.399m
14)Endrin	7.618	7.756	1716044	1192754	92.187	93.201m
15)p,p'-DDD	8.060	7.840	1427552	981497	96.801	91.739
16)Endosulfan II	8.181	7.973	1747476	1274561	98.153	99.055
17)p,p'-DDT	8.270	8.217	1319391	1052458	99.859	100.625
18)Endrin Aldehyde	8.673	8.373	1234144	940403	97.311	104.310
19)Endosulfan Sulfat	9.042	8.523	1512415	1059148	90.932	99.637
20)Methoxychlor	8.971	9.275	735157	574376	106.890	100.749m
21)Endrin Ketone	9.555	9.495	1675569	1223950	96.926	101.590
22)DCB-Surrogate	10.515	11.028	1549302	1462306	100.900	104.743m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

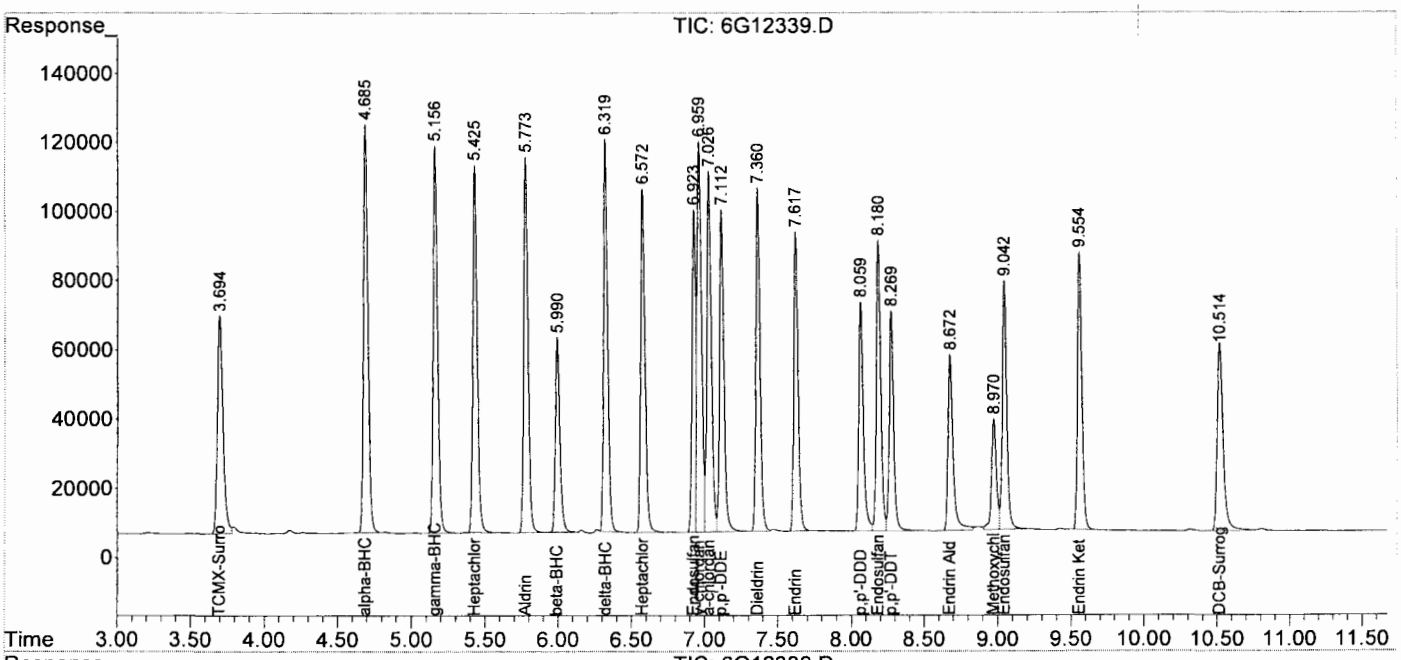
JP

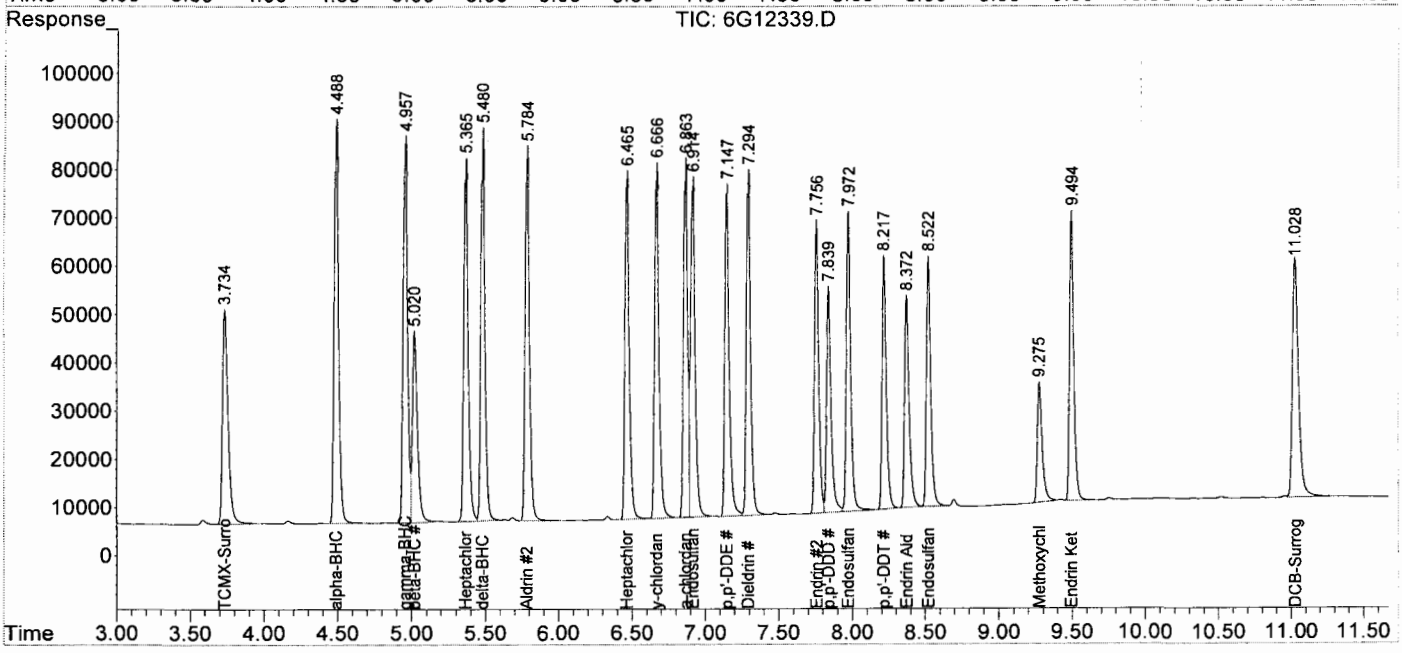
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12339.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:16
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:26:52 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:32
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:29:41 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.691	3.732	3339814	2255293	191.005m	183.756
2)alpha-BHC	4.684	4.487	5085315	3670770	193.321	195.337
3)gamma-BHC	5.155	4.955	4702744	3253957	206.884	207.695
4)beta-BHC	5.989	5.019	2325147	1868391	183.928	188.884
5)Heptachlor	5.424	5.365	4329142	3130370	191.547	194.661
6)delta-BHC	6.319	5.479	4437635	3251408	215.143	196.317
7)Aldrin	5.773	5.783	4436934	3233245	201.436	202.252
8)Heptachlor Epoxid	6.572	6.465	3989683	2902817	195.752	195.938
9)y-chlordane	6.959	6.666	4816360	3071952	209.210	194.606
10)a-chlordane	7.026	6.863	4425751	2724916	205.408	192.118
11)Endosulfan I	6.923	6.914	2898438	3156317	185.668	196.450
12)p,p'-DDE	7.112	7.146	3996670	2894238	202.209	214.065m
13)Dieldrin	7.359	7.293	3971561	2911406	213.675m	211.159m
14)Endrin	7.617	7.756	3478169	2421298	187.826	189.198
15)p,p'-DDD	8.059	7.838	2938403	2069974	199.250	193.477
16)Endosulfan II	8.180	7.972	3472194	2563118	194.872	199.197
17)p,p'-DDT	8.268	8.216	2810732	2218096	202.907	202.364
18)Endrin Aldehyde	8.672	8.372	2524548	1848680	206.413	207.100
19)Endosulfan Sulfat	9.042	8.522	3055518	2149837	188.980	202.241
20)Methoxychlor	8.969	9.274	1490317	1183781	211.406	207.642m
21)Endrin Ketone	9.554	9.495	3371701	2457292	196.955	203.959
22)DCB-Surrogate	10.514	11.027	2916331	2810169	189.929	205.600m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

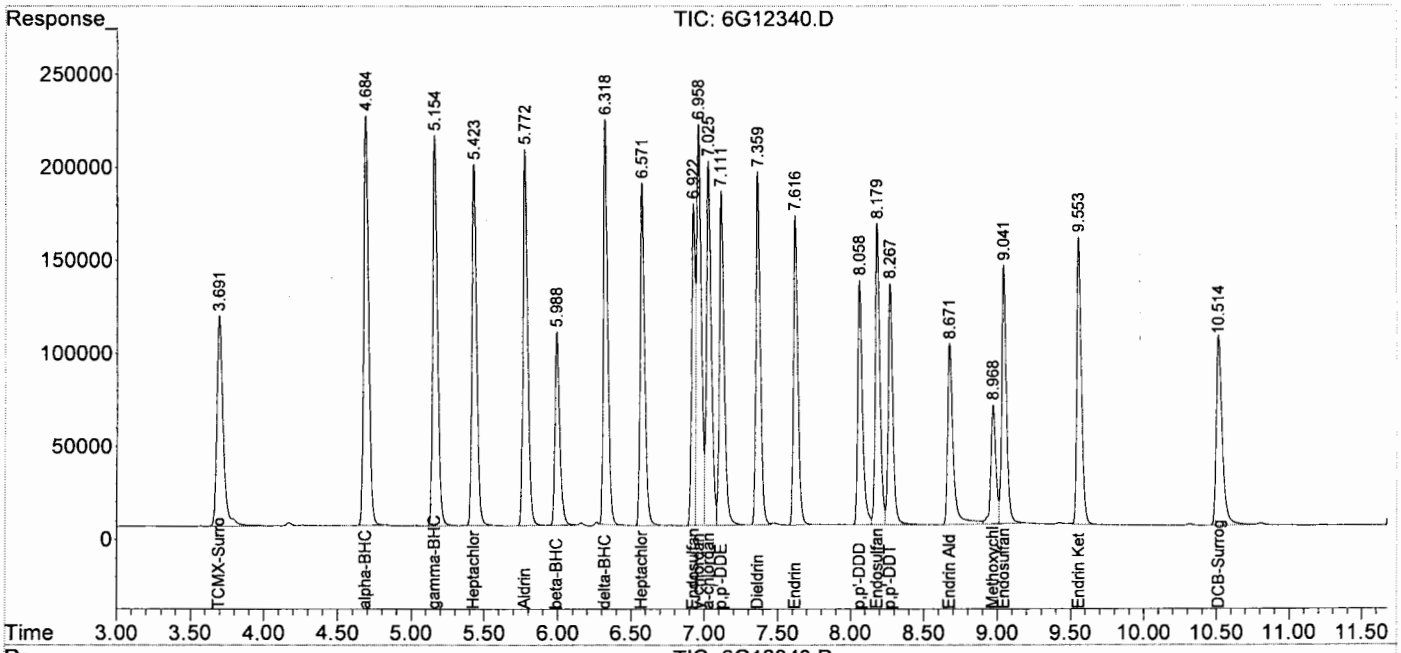
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

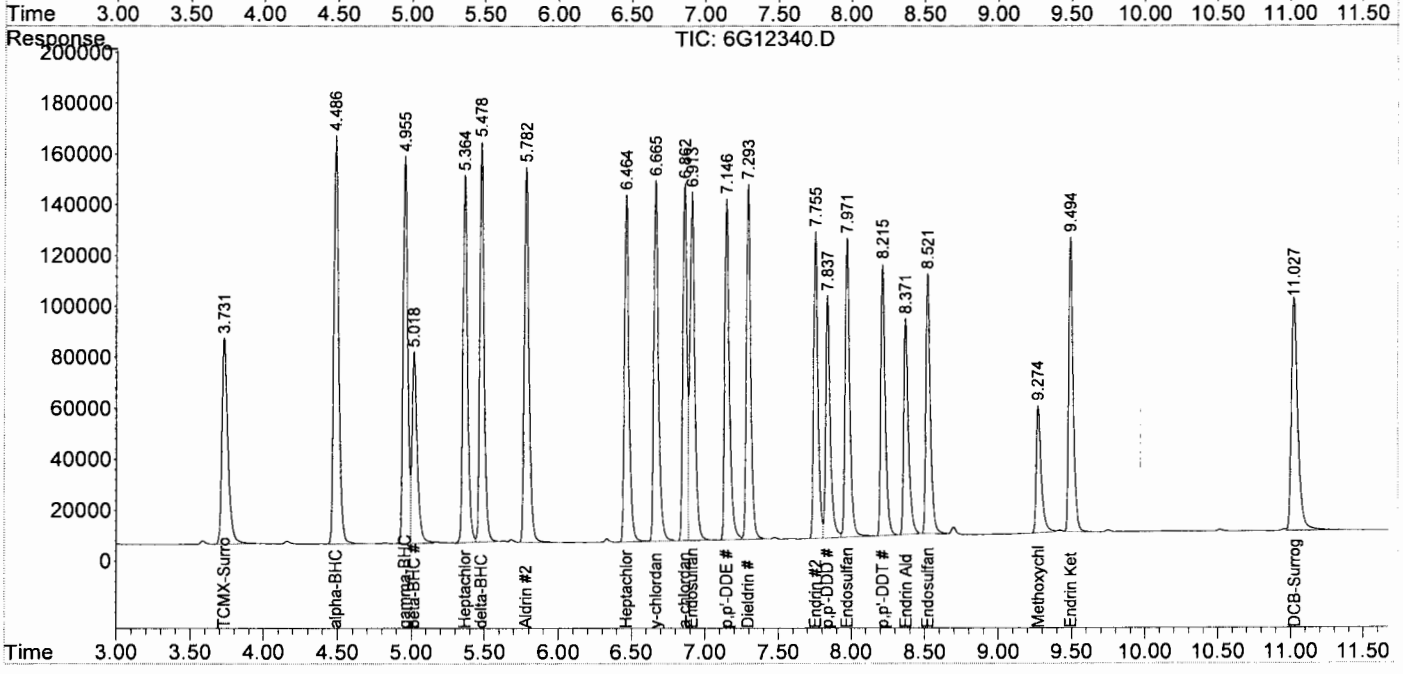
JP

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:32
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:29:41 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

0837

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12341.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:47
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:32:40 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.692	3.732	6283553	4414277	359.359	359.666
2)alpha-BHC	4.685	4.488	10369257	7609088	394.193	394.630
3)gamma-BHC	5.155	4.957	9204327	6538492	404.918	417.342
4)beta-BHC	5.989	5.019	4525372	3818468	357.974	386.026
5)Heptachlor	5.425	5.366	8561664	6283065	378.818	390.709
6)delta-BHC	6.319	5.480	9025087	6765585	437.549	408.500
7)Aldrin	5.773	5.784	8884599	6621098	403.358	414.176
8)Heptachlor Epoxid	6.572	6.465	7893475	5859982	387.290	395.544
9)y-chlordane	6.959	6.667	9533758	6248822	414.121	395.859
10)a-chlordane	7.025	6.864	8845399	5344953	410.533	376.510
11)Endosulfan I	6.924	6.914	5521999	6462776	353.728	388.431
12)p,p'-DDE	7.112	7.147	8190046	5948731	400.185	439.984m
13)Dieldrin	7.359	7.294	7923388	5979762	426.289m	433.702m
14)Endrin	7.617	7.757	7029909	4940881	383.732	386.077
15)p,p'-DDD	8.059	7.839	6008617	4400617	407.438	411.317
16)Endosulfan II	8.180	7.972	6958591	5260289	389.914	408.812
17)p,p'-DDT	8.268	8.217	6000770	4687394	398.315	393.743
18)Endrin Aldehyde	8.672	8.372	5180541	3715486	464.066	425.224
19)Endosulfan Sulfat	9.041	8.522	6450319	4442972	429.090	417.963
20)Methoxychlor	8.968	9.273	3115846	2423129	421.360	425.031m
21)Endrin Ketone	9.553	9.494	6878850	4974133	410.416	412.861
22)DCB-Surrogate	10.513	11.026	5683081	5488257	370.117	420.761m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

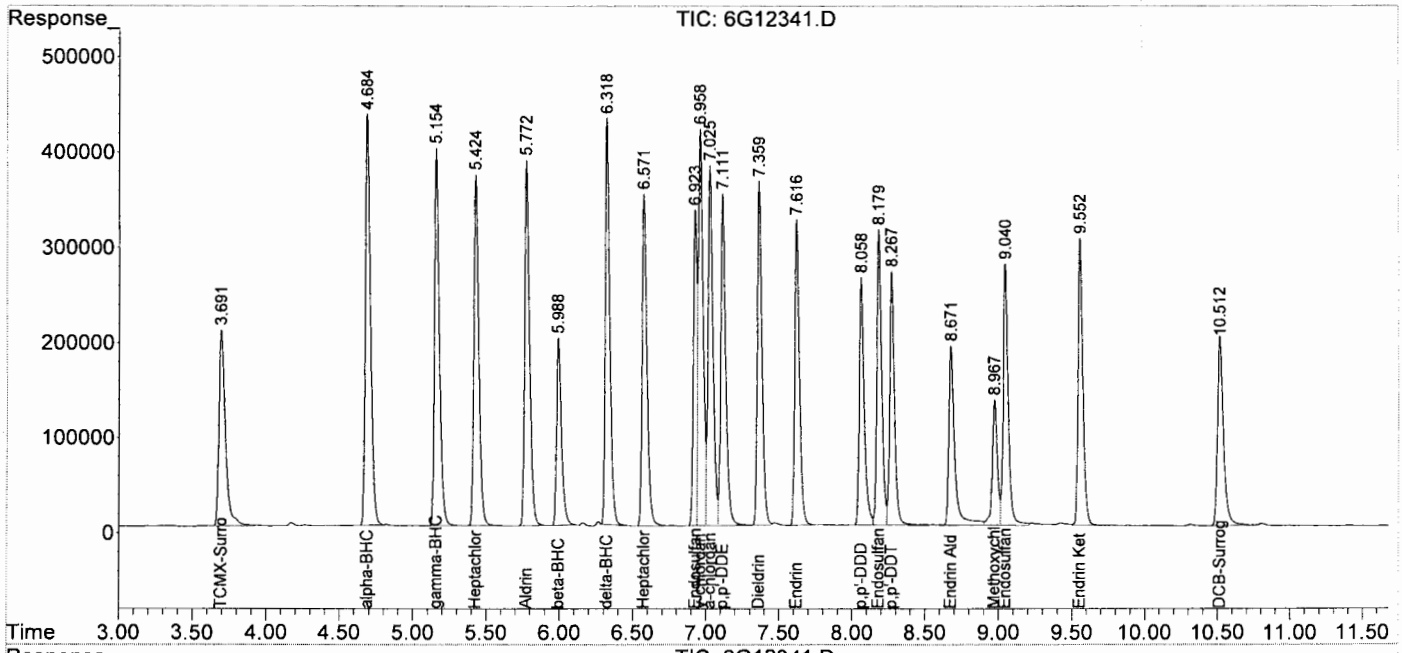
9P

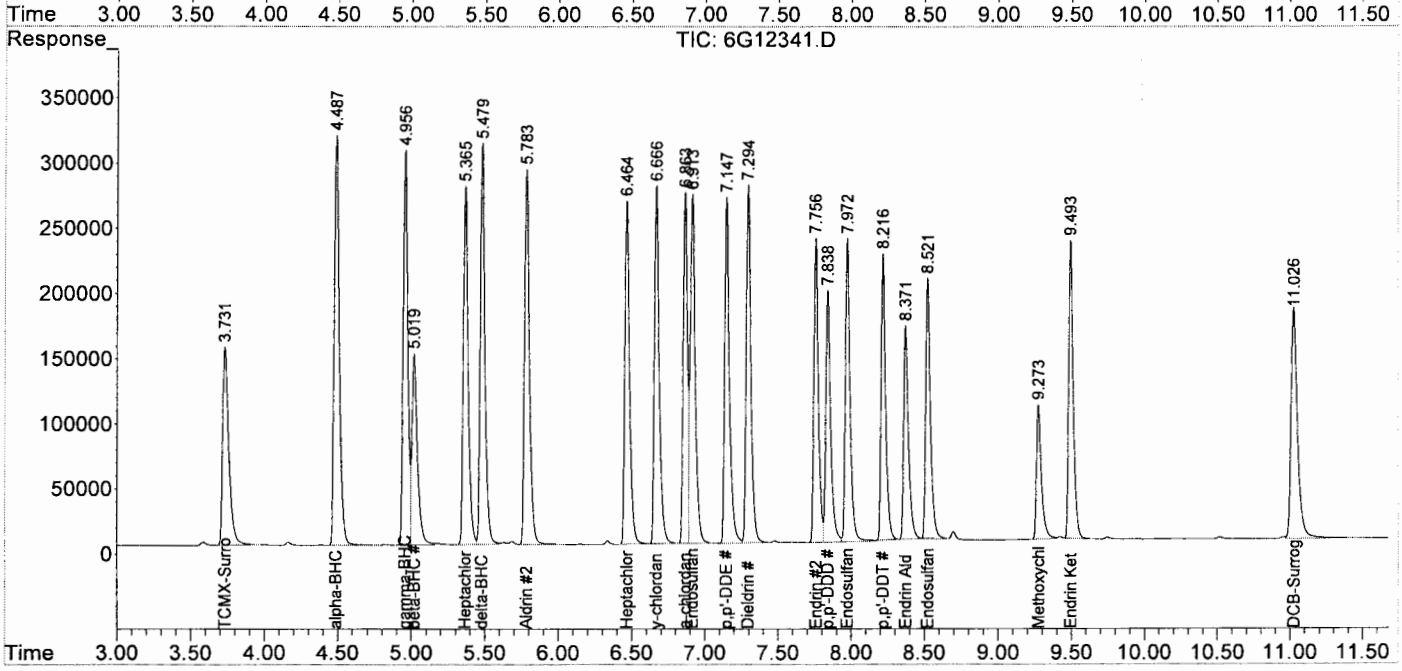
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12341.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 00:47
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:32:40 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:11:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

0839

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12344.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:32
Operator : JP
Sample : CAL CHLO@100PPB
Misc : S,PEST
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:46:15 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:45:11 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.694	3.733	1852340	1249193	105.936m	101.781m
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	10.515	11.029	1710510	1612113	111.399	115.738
23)Chlordane {1}	5.242	5.173	84810	61755	95.030m	58.620 #
24)Chlordane {2}	6.962	6.668	254663	354431	105.037	96.451m
25)Chlordane {3}	7.027	6.864	452387	137107	104.115	98.686
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

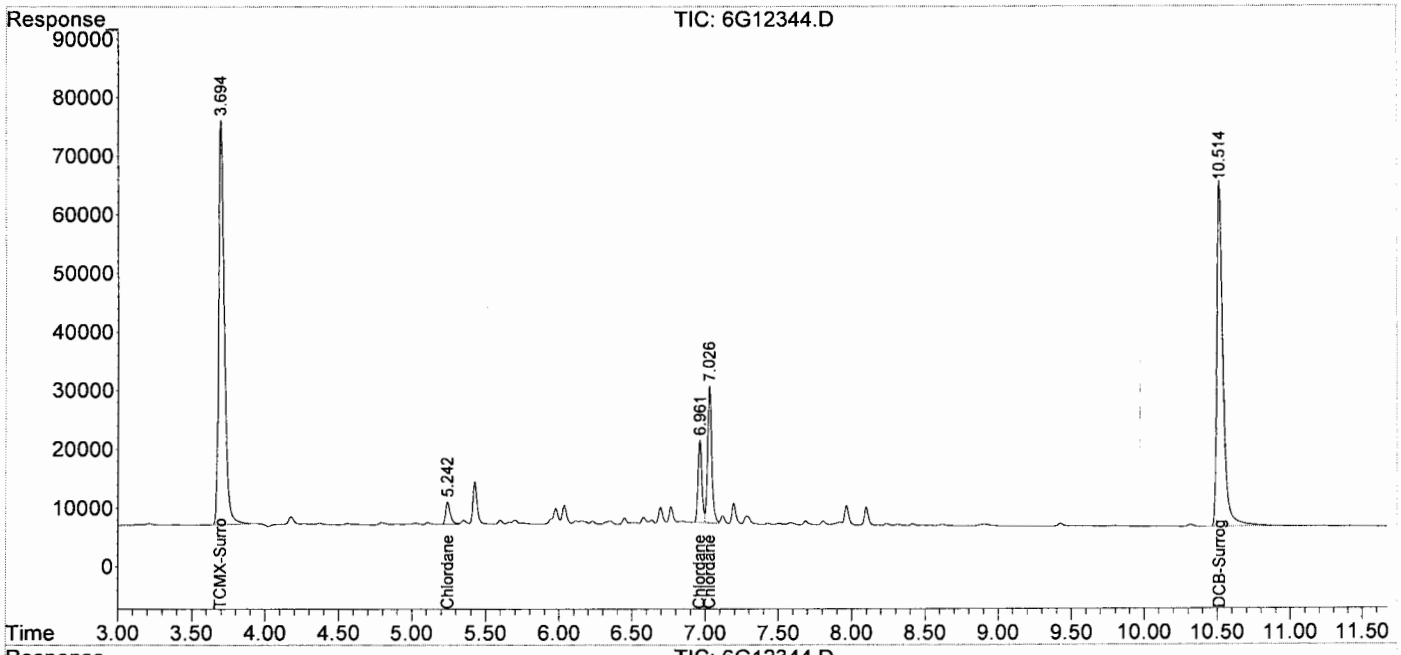
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

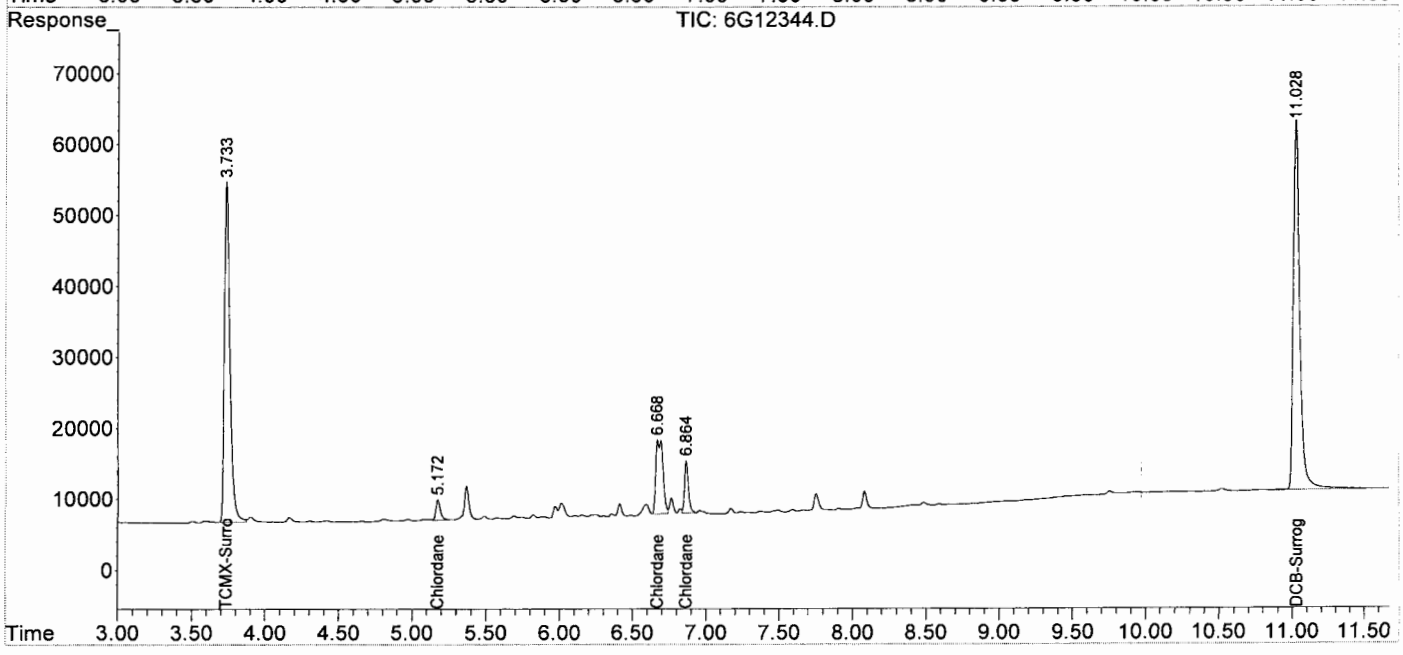
JP

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12344.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:32
Operator : JP
Sample : CAL CHLO@100PPB
Misc : S,PEST
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:46:15 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:45:11 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12345.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:47
Operator : JP
Sample : CAL TOX@500PPB
Misc : S,PEST
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:54:03 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:52:21 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.694	3.733	941557	639921	53.848	52.139
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	10.515	11.028	905085	834465	58.945	59.211m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	7.183	7.121	41071	38508	560.139m	512.133m
27)Toxaphene {2}	7.871	8.009	77366	118407	537.942m	503.500m
28)Toxaphene {3}	8.092	8.314	111932	31924	535.350	337.820m#
29)Toxaphene {4}	8.533	9.008	148168	94011	450.979m	1107.092m#
30)Toxaphene {5}	9.068	9.079	61622	63363	438.997m	415.761m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

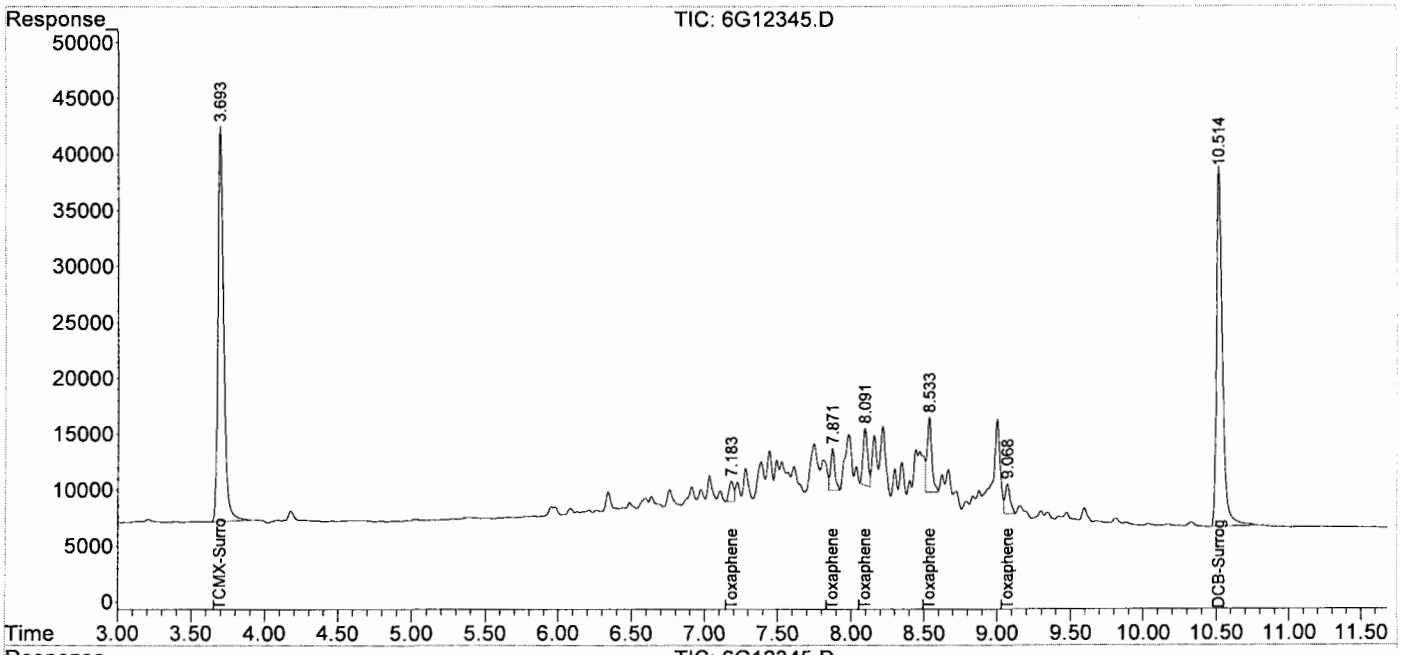
9P

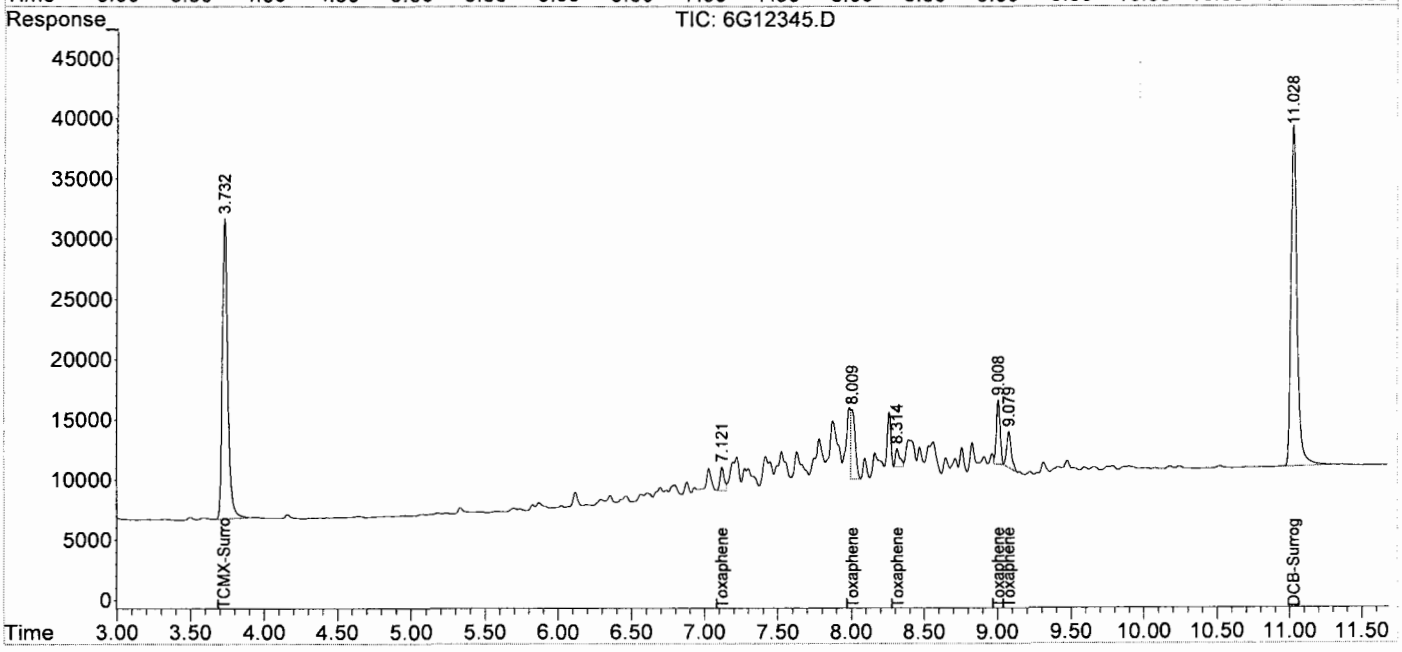
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-10-09\
Data File : 6G12345.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Feb 2009 1:47
Operator : JP
Sample : CAL TOX@500PPB
Misc : S,PEST
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 10 08:54:03 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 08:52:21 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G20482.	CAL PEST@2PPB	02/13/09 15:57	2	5G20483.	CAL PEST@10PPB	02/13/09 16:16
3	5G20478.	CAL PEST@50PPB	02/13/09 12:48	4	5G20479.	CAL PEST@100PPB	02/13/09 13:06
5	5G20480.	CAL PEST@200PPB	02/13/09 13:24	6	5G20481.	CAL PEST@400PPB	02/13/09 13:42
7	5G20484.	CAL CHLOR@100PP	02/13/09 16:37	8	5G20485.	CAL TOX@500PPB	02/13/09 16:55

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	112.23	117.00	111.82	109.13	107.23	109.28	----	----	111	6.10	1.00	1.00	3.1	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	Avg	154.64	151.34	168.93	155.66	170.89	169.50	----	----	162	7.32	1.00	1.00	5.5	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Avg	157.14	160.11	160.36	159.74	158.85	167.26	----	----	161	7.84	0.999	1.00	2.2	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	Avg	83.535	73.011	69.507	68.155	67.601	69.771	----	----	71.9	8.69	1.00	1.00	8.3	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Avg	143.45	143.21	142.93	137.03	136.75	139.87	----	----	141	8.15	1.00	1.00	2.2	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Avg	181.63	148.98	153.95	153.64	153.98	161.16	----	----	159	9.02	0.999	1.00	7.4	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Avg	139.63	151.25	148.64	145.81	141.35	145.41	----	----	145	8.51	1.00	1.00	3.0	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	132.30	133.23	128.77	125.89	122.65	126.42	----	----	128	9.30	1.00	1.00	3.2	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Avg	137.00	138.86	135.70	132.16	130.24	138.19	----	----	135	9.68	0.999	1.00	2.5	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	133.46	134.00	129.26	128.05	125.67	130.83	----	----	130	9.75	1.00	1.00	2.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Avg	118.58	122.34	116.18	116.27	111.94	120.68	----	----	118	9.65	0.999	1.00	3.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	129.24	130.24	130.41	129.46	127.74	132.77	----	----	130	9.84	1.00	1.00	1.3	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	128.65	135.00	133.65	132.02	129.74	134.35	----	----	132	10.06	1.00	1.00	1.9	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	111.70	114.71	116.07	115.38	113.10	117.69	----	----	115	10.31	1.00	1.00	1.9	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	108.33	91.403	105.27	105.09	103.58	108.75	----	----	104	10.72	0.999	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	113.49	96.332	106.51	103.97	106.32	110.02	----	----	106	10.83	1.00	1.00	5.5	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Qua	68.460	56.001	79.964	86.566	91.066	100.57	----	----	80.4	10.93	0.998	1.00	20	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Avg	75.202	68.786	70.941	71.238	70.833	74.023	----	----	71.8	11.27	1.00	1.00	3.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	106.40	94.754	93.675	94.041	94.636	99.137	----	----	97.1	11.61	0.999	1.00	5.1	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	Qua	35.586	35.118	39.492	41.598	42.425	46.791	----	----	40.2	11.58	0.998	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Avg	124.10	100.10	98.327	100.21	100.82	107.31	----	----	105	12.10	0.999	1.00	9.3	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	Avg	108.25	101.71	94.152	93.800	94.139	98.820	----	----	98.5	13.03	0.999	1.00	5.8	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	----	----	----	----	----	----	----	----	10.2	8.15	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	----	----	----	----	----	----	----	----	18.3	9.68	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	----	----	----	----	----	----	----	----	28.4	9.75	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	----	----	----	----	----	----	----	----	1.09	10.81	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	----	----	----	----	----	----	----	----	0.928	10.99	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	----	----	----	----	----	----	----	----	2.30	11.17	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	----	----	----	----	----	----	----	----	2.37	11.60	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	----	----	----	----	----	----	----	----	0.599	11.67	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Avg	76.237	74.653	73.243	68.211	70.022	68.692	----	----	71.8	6.13	1.00	1.00	4.6	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Avg	111.67	117.12	119.52	120.27	118.75	123.38	----	----	118	7.14	1.00	1.00	3.3	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	105.65	99.578	104.81	100.06	103.96	104.17	----	----	103	7.68	1.00	1.00	2.5	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	LinF	64.153	53.040	48.605	47.548	46.573	47.558	----	----	51.2	7.77	1.00	1.00	13	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	Avg	100.11	84.753	84.801	83.318	81.519	83.474	----	----	86.3	8.11	1.00	1.00	7.9	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	Avg	104.36	99.861	106.15	105.97	105.66	109.43	----	----	105	8.26	1.00	1.00	3.0	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 5.2 Avg Rsd Col 2: 6.5

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G20482.	CAL PEST@2PPB	02/13/09 15:57	2	5G20483.	CAL PEST@10PPB	02/13/09 16:16
3	5G20478.	CAL PEST@50PPB	02/13/09 12:48	4	5G20479.	CAL PEST@100PPB	02/13/09 13:06
5	5G20480.	CAL PEST@200PPB	02/13/09 13:24	6	5G20481.	CAL PEST@400PPB	02/13/09 13:42
7	5G20484.	CAL CHLOR@100PP	02/13/09 16:37	8	5G20485.	CAL TOX@500PPB	02/13/09 16:55

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	94.782	98.156	96.564	94.689	91.785	92.968	----	----	94.8	8.54	1.00	1.00	2.4	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	91.268	87.171	83.798	81.966	79.283	80.543	----	----	84.0	9.25	1.00	1.00	5.4	2.00	10.00	50.00	100.0	200.0	400.0		
γ-chlordane	2	0	Avg	88.466	87.092	85.789	85.202	84.136	86.141	----	----	86.1	9.45	1.00	1.00	1.7	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	Avg	88.251	82.779	81.424	80.988	80.157	82.484	----	----	82.7	9.64	1.00	1.00	3.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	88.795	80.493	78.333	74.652	74.414	74.576	----	----	78.5	9.69	1.00	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	83.298	81.083	82.485	82.256	81.504	83.491	----	----	82.4	9.93	1.00	1.00	1.2	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	90.047	89.067	86.262	85.570	83.423	85.373	----	----	86.6	10.06	1.00	1.00	2.9	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	74.476	70.420	71.426	71.284	69.958	72.039	----	----	71.6	10.51	1.00	1.00	2.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Avg	73.090	66.566	66.868	67.038	66.491	69.121	----	----	68.2	10.60	1.00	1.00	3.8	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	85.959	79.761	74.355	72.954	71.526	73.371	----	----	76.3	10.72	1.00	1.00	7.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Qua	39.341	42.971	51.699	55.824	58.754	64.310	----	----	52.2	10.95	0.998	1.00	18	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	Qua	75.061	54.270	49.825	49.368	48.575	49.879	----	----	54.5	11.10	1.00	1.00	19	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Avg	77.522	64.515	63.415	63.747	62.982	65.245	----	----	66.2	11.24	1.00	1.00	8.4	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	Avg	24.972	23.549	24.795	26.398	26.594	28.814	----	----	25.9	11.95	0.998	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Avg	85.783	72.832	70.892	71.611	71.128	74.571	----	----	74.5	12.16	0.999	1.00	7.7	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	LinF	75.248	66.301	59.419	58.259	57.962	60.267	----	----	62.9	13.57	1.00	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	----	----	----	----	----	----	----	----	6.31	8.11	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	----	----	----	----	----	----	----	----	12.8	9.45	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	----	----	----	----	----	----	----	----	8.82	9.64	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	----	----	----	----	----	----	----	----	0.926	10.54	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	----	----	----	----	----	----	----	----	1.01	10.75	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	----	----	----	----	----	----	----	----	1.44	10.99	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	----	----	----	----	----	----	----	----	1.34	11.70	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	----	----	----	----	----	----	----	----	0.926	11.77	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 5.2 Avg Rsd Col 2: 6.5

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

0844

Quantitation Report (QT Reviewed)

0845

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20482.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 15:57
Operator : JP
Sample : CAL PEST@2PPB
Misc : A,PEST
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 16:19:21 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 15:50:42 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.109	6.130	2244703	1524747	1.916m	2.007m
2)alpha-BHC	7.322	7.137	3092967	2233412	1.790m	1.783
3)gamma-BHC	7.840	7.676	3142866	2113107	1.849	1.931m
4)beta-BHC	8.698	7.775	1670706	1283067	2.126m	2.314m
5)Heptachlor	8.152	8.107	2869103	2002376	1.919	2.149m
6)delta-BHC	9.021	8.260	3632604	2087302	2.065m	1.799m
7)Aldrin	8.515	8.541	2792651	1895651	1.815	1.882m
8)Heptachlor Epoxid	9.301	9.245	2646123	1825376	1.947m	2.047m
9)y-chlordane	9.682	9.446	2740026	1769322	1.924m	1.940m
10)a-chlordane	9.748	9.642	2669332	1765040	1.939m	2.153
11)Endosulfan I	9.648	9.687	2371746	1775916	1.894m	2.368 #
12)p,p'-DDE	9.847	9.932	2584963	1665960	1.877	1.907m
13)Dieldrin	10.065	10.060	2573109	1800952	1.831m	1.973
14)Endrin	10.312	10.504	2234008	1489531	1.820	1.951
15)p,p'-DDD	10.725	10.600	2166754	1461807	1.927m	2.001
16)Endosulfan II	10.830	10.716	2269833	1719194	1.975	2.117
17)p,p'-DDT	10.934	10.954	1369219	786835	1.687	1.492
18)Endrin Aldehyde	11.273	11.098	1504044	1501221	1.933m	3.110m#
19)Endosulfan Sulfat	11.615	11.242	2128038	1550447	2.025m	2.142
20)Methoxychlor	11.578	11.950	711730	499453	1.837m	2.016m
21)Endrin Ketone	12.099	12.159	2482068	1715671	2.231m	2.179m
22)DCB-Surrogate	13.036	13.573	2165007	1504970	2.075m	2.276m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

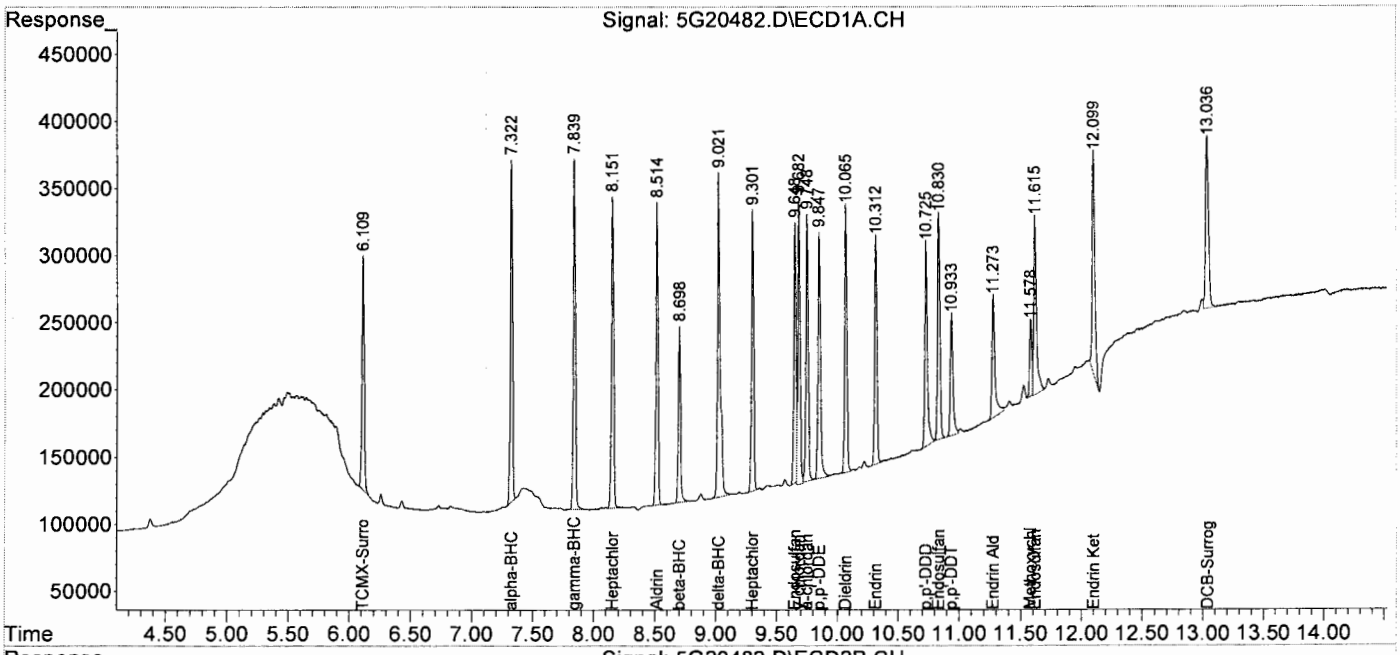
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

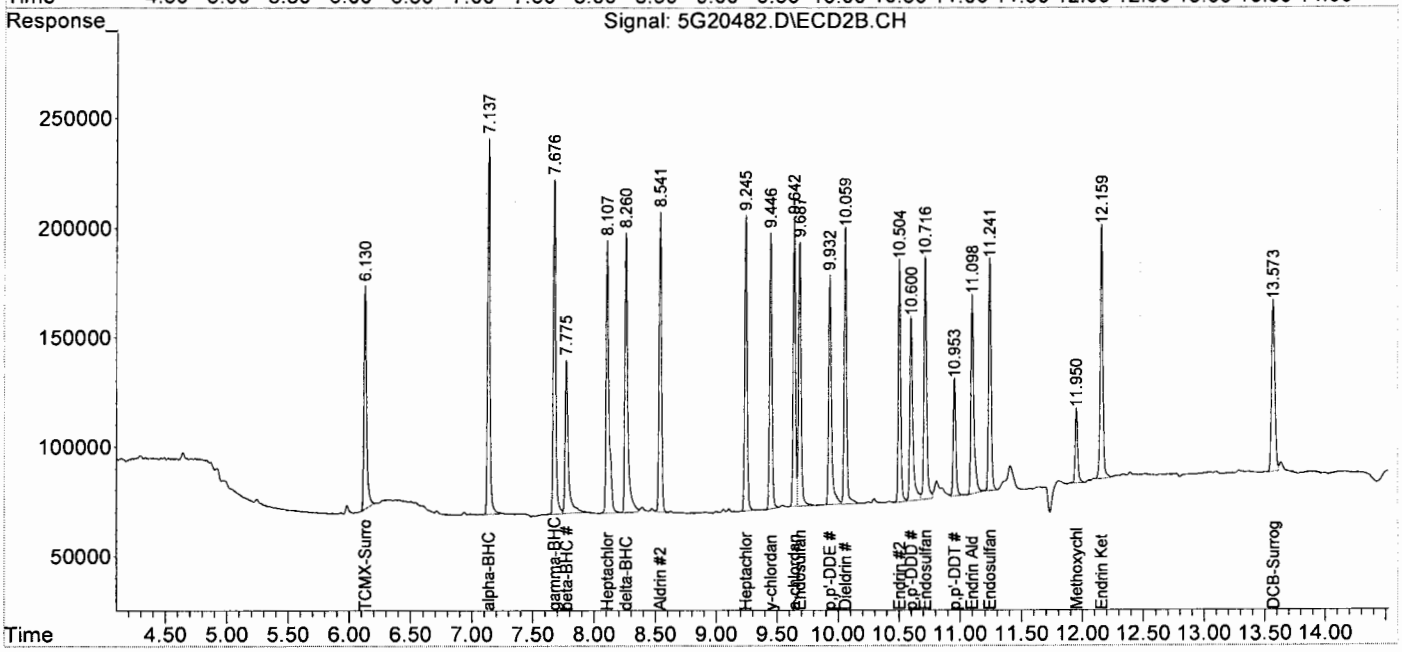
9P

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20482.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 15:57
Operator : JP
Sample : CAL PEST@2PPB
Misc : A,PEST
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 16:19:21 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 15:50:42 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

0847

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20483.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:16
Operator : JP
Sample : CAL PEST@10PPB
Misc : A,PEST
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 16:59:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 16:22:07 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.133	11700515	7465322	10.451m	10.298m
2)alpha-BHC	7.319	7.139	15134372	11712615	9.131	9.811
3)gamma-BHC	7.836	7.678	16011150	9957857	9.904	9.524
4)beta-BHC	8.695	7.775	7301143	5304001	10.081	10.277
5)Heptachlor	8.149	8.110	14321249	8475326	10.063	9.661
6)delta-BHC	9.018	8.262	14898803	9986195	9.244	9.361
7)Aldrin	8.511	8.542	15125527	9815612	10.338	10.268
8)Heptachlor Epoxid	9.298	9.246	13323736	8717125	10.314	10.299
9)y-chlordane	9.680	9.447	13886352	8709203	10.216m	10.041m
10)a-chlordane	9.745	9.643	13400821	8277948	10.238m	10.099
11)Endosulfan I	9.645	9.689	12234798	8049303	10.318m	10.736
12)p,p'-DDE	9.845	9.935	13024971	8108322	9.928	9.749
13)Dieldrin	10.062	10.059	13500367	8906784	10.126	10.228
14)Endrin	10.309	10.506	11471159	7042028	9.872	9.714
15)p,p'-DDD	10.725	10.603	9140329	6656626	8.562	9.661
16)Endosulfan II	10.828	10.717	9633276	7976104	8.857	10.436
17)p,p'-DDT	10.931	10.954	5600133	4297159	6.879	8.117
18)Endrin Aldehyde	11.270	11.099	6878660	5427060	9.448m	11.238
19)Endosulfan Sulfat	11.612	11.242	9475470	6451598	9.689m	9.637
20)Methoxychlor	11.577	11.950	3511855	2354920	9.032m	9.476
21)Endrin Ketone	12.096	12.159	10010205	7283258	9.460	9.735
22)DCB-Surrogate	13.034	13.573	10171292	6630110	10.273	10.517
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

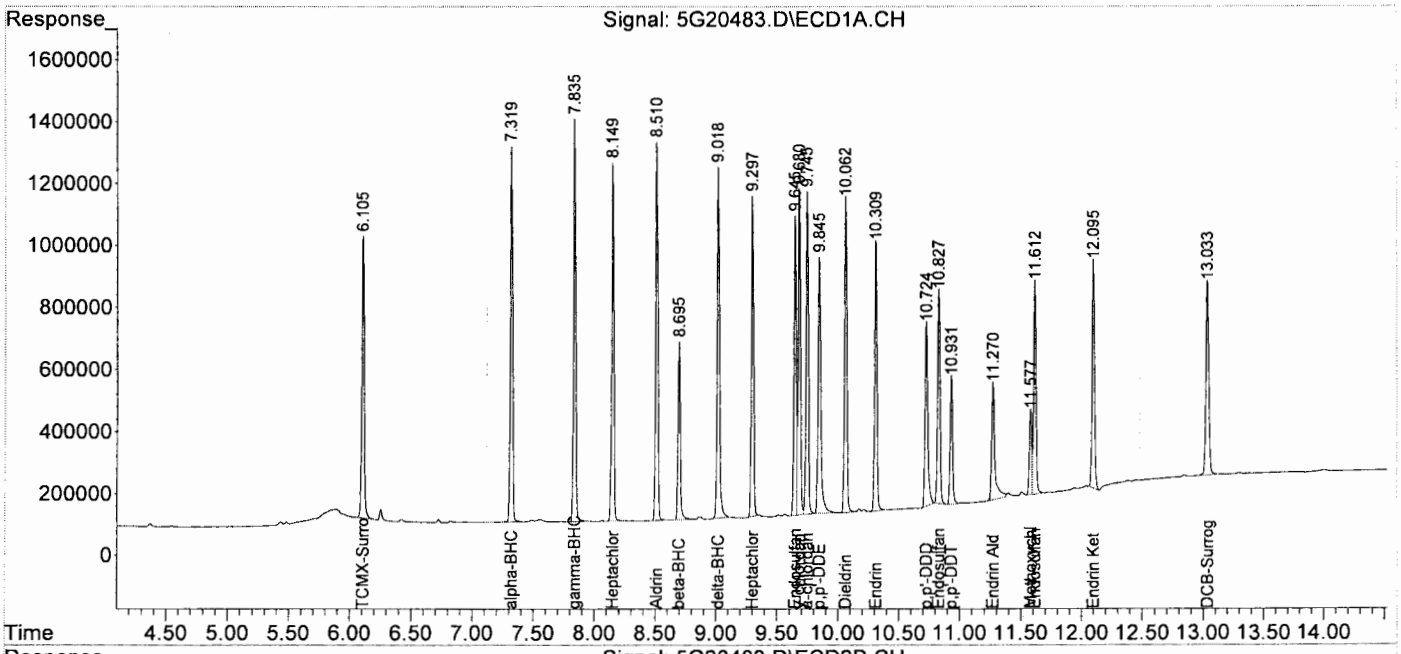
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

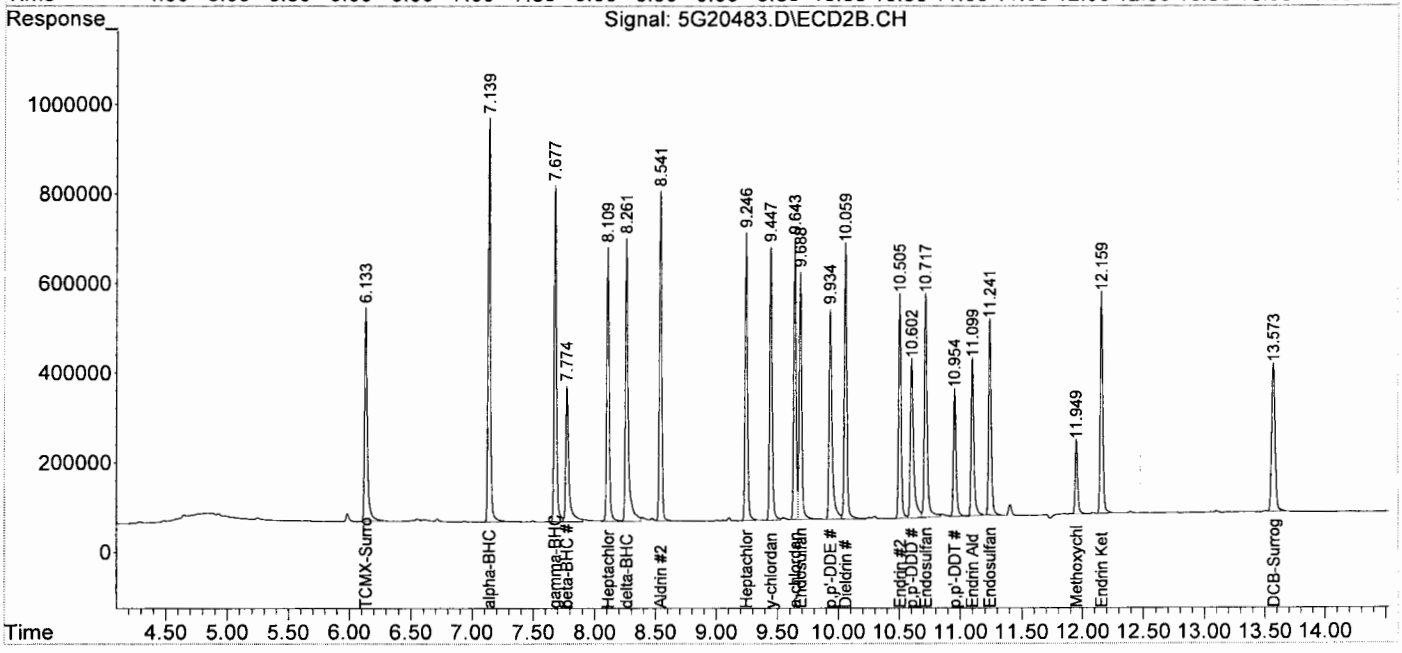
DP

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20483.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:16
Operator : JP
Sample : CAL PEST@10PPB
Misc : A,PEST
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 16:59:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 16:22:07 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

0849

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20478.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 12:48
Operator : JP
Sample : CAL PEST@50PPB
Misc : A,PEST
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:51:08 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	55914920	36621503	52.336m	49.456
2)alpha-BHC	7.319	7.139	84468603	59760591	54.823	51.703
3)gamma-BHC	7.836	7.678	80180762	52405347	56.514	51.992
4)beta-BHC	8.694	7.773	34753631	24302641	56.051	50.679
5)Heptachlor	8.149	8.110	71468277	42400672	56.854	53.043
6)delta-BHC	9.017	8.258	76976305	53076145	57.599	52.251
7)Aldrin	8.511	8.542	74323519	48282248	55.974	51.837
8)Heptachlor Epoxid	9.298	9.246	64385886	41899452	55.155	50.622
9)y-chlordane	9.679	9.447	67851987	42894685	57.738m	51.438m
10)a-chlordane	9.745	9.643	64630938	40712132	56.512m	51.031
11)Endosulfan I	9.645	9.688	58093250	39166677	53.046m	52.855
12)p,p'-DDE	9.842	9.931	65209532	41242947	56.070	50.858
13)Dieldrin	10.062	10.059	66826730	43131209	56.465	51.714
14)Endrin	10.308	10.505	58039162	35713363	55.536m	51.253
15)p,p'-DDD	10.720	10.596	52636143	33434299	53.703m	49.742
16)Endosulfan II	10.826	10.715	53256558	37177876	55.411	51.504
17)p,p'-DDT	10.929	10.952	39982322	25849589	67.746	58.068
18)Endrin Aldehyde	11.269	11.097	35470959	24912894	57.471	54.612
19)Endosulfan Sulfat	11.612	11.240	46837758	31707657	58.918m	53.287
20)Methoxychlor	11.575	11.948	19746388	12397728	61.949m	61.037
21)Endrin Ketone	12.097	12.159	49163544	35446119	54.419	53.931
22)DCB-Surrogate	13.033	13.572	47076101	29709900	54.363	54.355m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

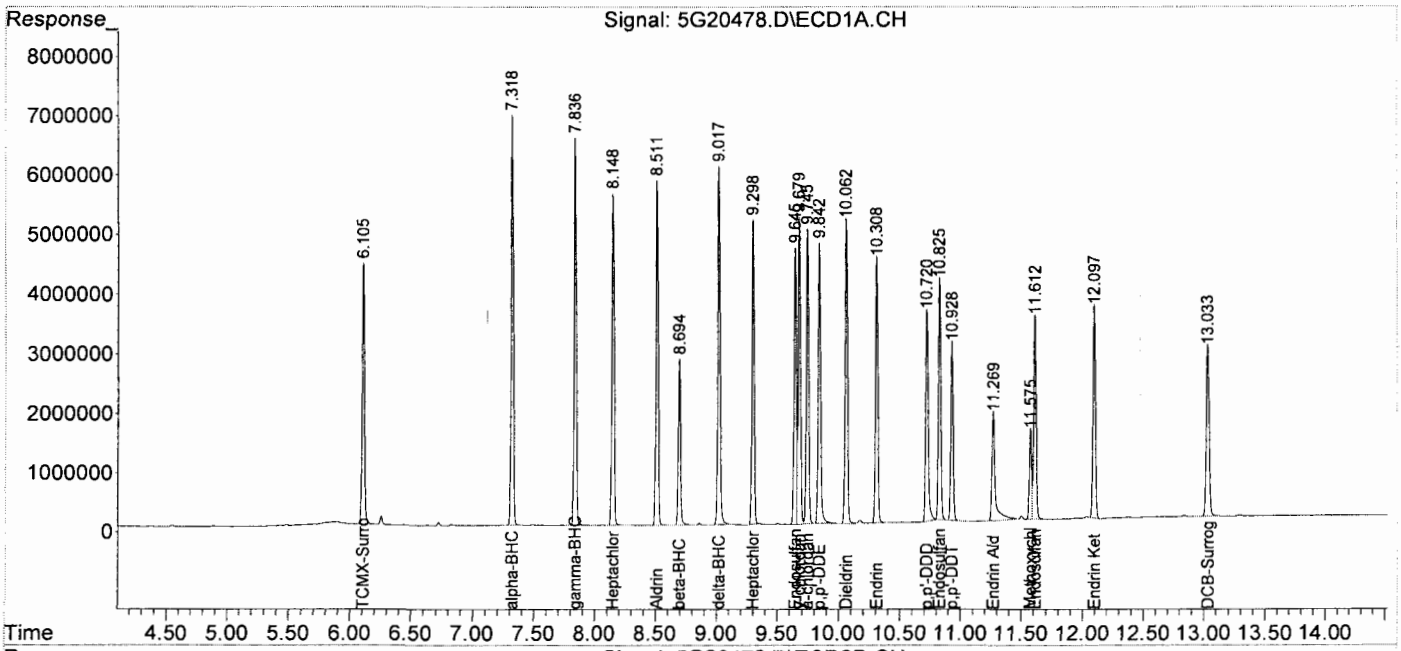
JP

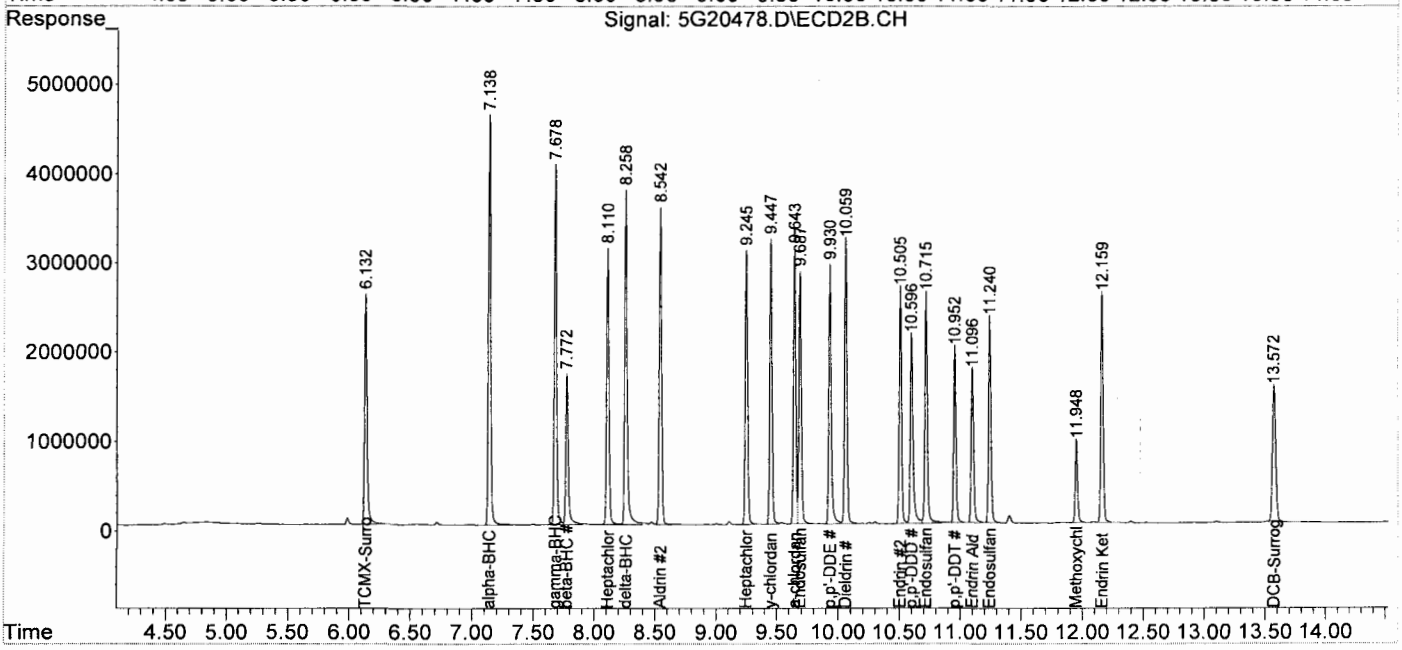
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20478.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 12:48
Operator : JP
Sample : CAL PEST@50PPB
Misc : A,PEST
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:51:08 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20479.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:06
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:46:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	109.1E6	68211914	102.150m	92.118
2)alpha-BHC	7.319	7.139	155.7E6	120.3E6	101.033	104.061
3)gamma-BHC	7.837	7.679	159.7E6	100.1E6	112.591	99.273
4)beta-BHC	8.694	7.772	68155868	47548209	109.922	99.153
5)Heptachlor	8.149	8.111	137.0E6	83318833	109.009	104.232
6)delta-BHC	9.018	8.258	153.6E6	106.0E6	114.970	104.328
7)Aldrin	8.512	8.543	145.8E6	94689352	109.819	101.661
8)Heptachlor Epoxid	9.299	9.247	125.9E6	81966979	107.841	99.031
9)y-chlordane	9.679	9.447	132.2E6	85202497	112.467m	102.171m
10)a-chlordane	9.746	9.644	128.1E6	80988883	111.971m	101.516
11)Endosulfan I	9.645	9.688	116.3E6	74652857	106.169m	101.217
12)p,p'-DDE	9.842	9.931	129.5E6	82256669	111.320	101.433
13)Dieldrin	10.063	10.060	132.0E6	85570114	111.556	102.598
14)Endrin	10.309	10.506	115.4E6	71284067	110.410m	102.301
15)p,p'-DDD	10.720	10.596	105.1E6	67038731	107.226m	99.736
16)Endosulfan II	10.826	10.716	104.0E6	72954950	108.184	101.068
17)p,p'-DDT	10.928	10.952	86566499	55824606	135.228	118.925
18)Endrin Aldehyde	11.269	11.098	71238458	49368678	115.422m	107.878
19)Endosulfan Sulfat	11.612	11.242	94041407	63747602	118.297m	107.133
20)Methoxychlor	11.576	11.949	41598418	26398325	123.955m	123.839
21)Endrin Ketone	12.097	12.159	100.2E6	71611959	110.924	108.956
22)DCB-Surrogate	13.033	13.574	93800034	58259234	108.319	106.586m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

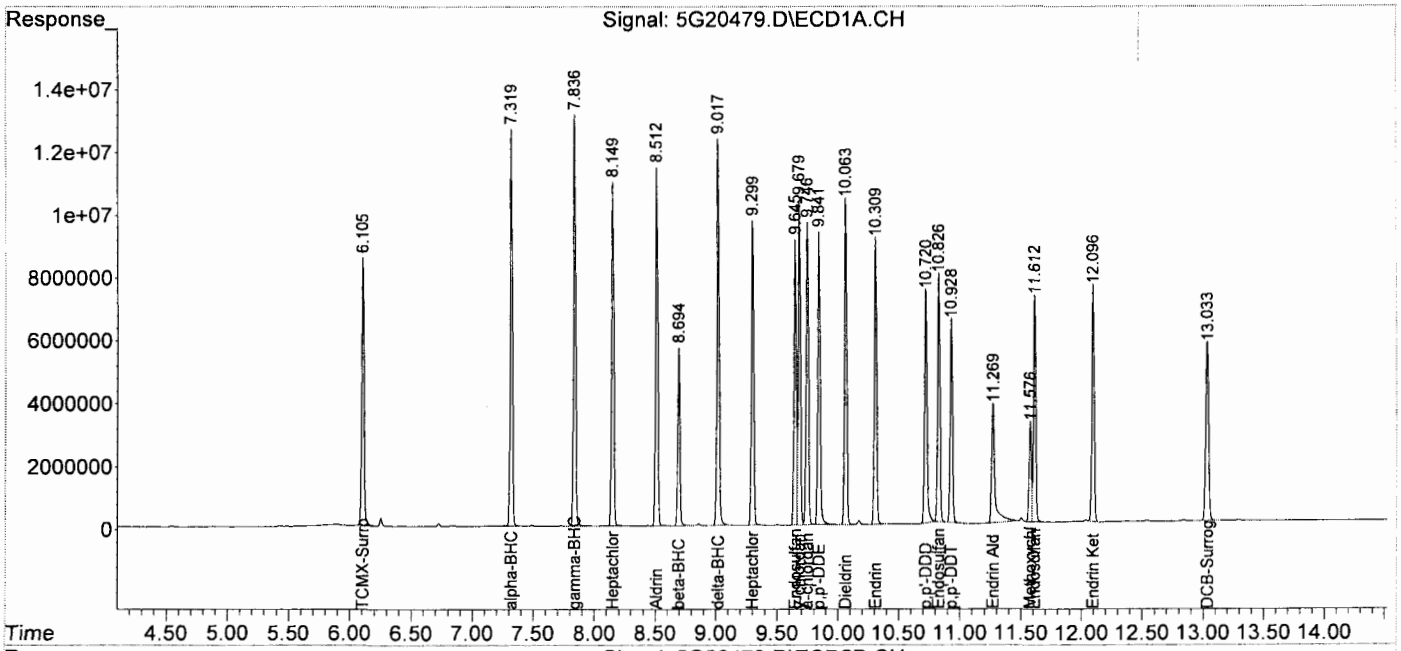
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

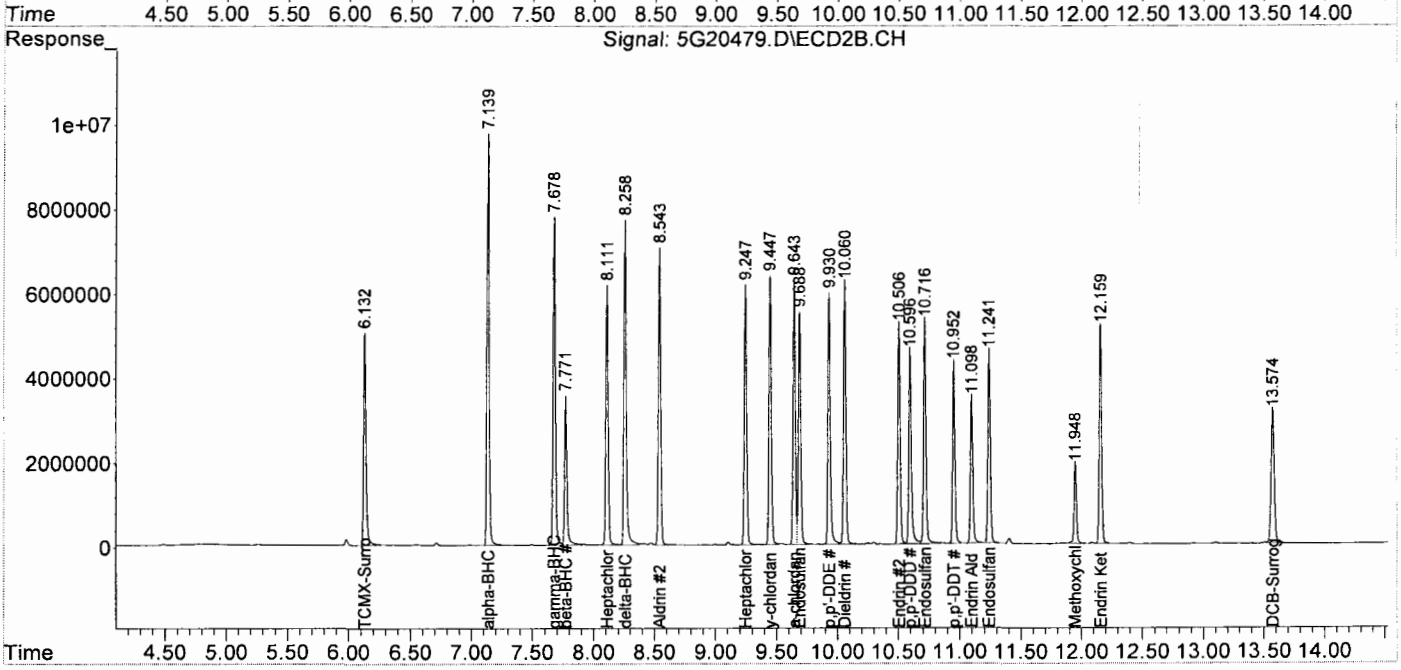
9P

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20479.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:06
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:46:23 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20480.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:24
Operator : JP
Sample : CAL PEST@200PPB
Misc : A,PEST
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:49:28 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	214.5E6	140.0E6	200.746	189.126
2)alpha-BHC	7.319	7.138	341.8E6	237.5E6	221.826	205.486
3)gamma-BHC	7.837	7.678	317.7E6	207.9E6	223.929	206.297
4)beta-BHC	8.694	7.771	135.2E6	93146287	218.055	194.240
5)Heptachlor	8.149	8.110	273.5E6	163.0E6	217.577	203.960
6)delta-BHC	9.018	8.258	308.0E6	211.3E6	230.448	208.053
7)Aldrin	8.512	8.543	282.7E6	183.6E6	212.911	197.088
8)Heptachlor Epoxid	9.299	9.247	245.3E6	158.6E6	210.130	191.579
9)y-chlordane	9.679	9.448	260.5E6	168.3E6	221.662m	201.787m
10)a-chlordane	9.746	9.643	251.4E6	160.3E6	219.776m	200.947
11)Endosulfan I	9.645	9.688	223.9E6	148.8E6	204.438m	203.820
12)p,p'-DDE	9.842	9.930	255.5E6	163.0E6	219.683	201.011
13)Dieldrin	10.063	10.060	259.5E6	166.8E6	219.257	200.049
14)Endrin	10.309	10.506	226.2E6	139.9E6	216.447m	200.796
15)p,p'-DDD	10.719	10.595	207.2E6	133.0E6	211.361	197.845
16)Endosulfan II	10.826	10.716	212.7E6	143.1E6	221.259	198.179
17)p,p'-DDT	10.928	10.951	182.1E6	117.5E6	250.928	228.948
18)Endrin Aldehyde	11.269	11.098	141.7E6	97151120	229.532	210.993
19)Endosulfan Sulfat	11.612	11.241	189.3E6	126.0E6	238.091m	211.695
20)Methoxychlor	11.575	11.947	84850975	53188238	232.434m	230.949
21)Endrin Ketone	12.096	12.159	201.6E6	142.3E6	223.203	216.442m
22)DCB-Surrogate	13.032	13.572	188.3E6	115.9E6	217.422	212.087m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

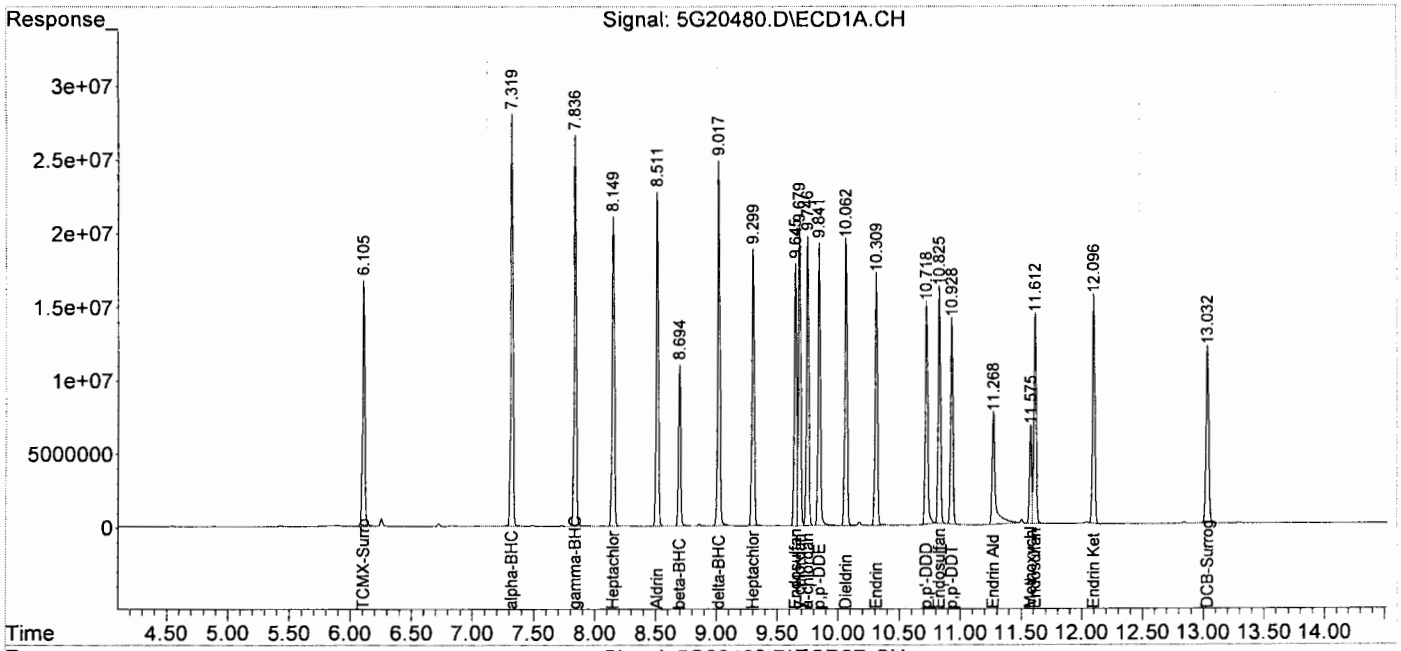
98

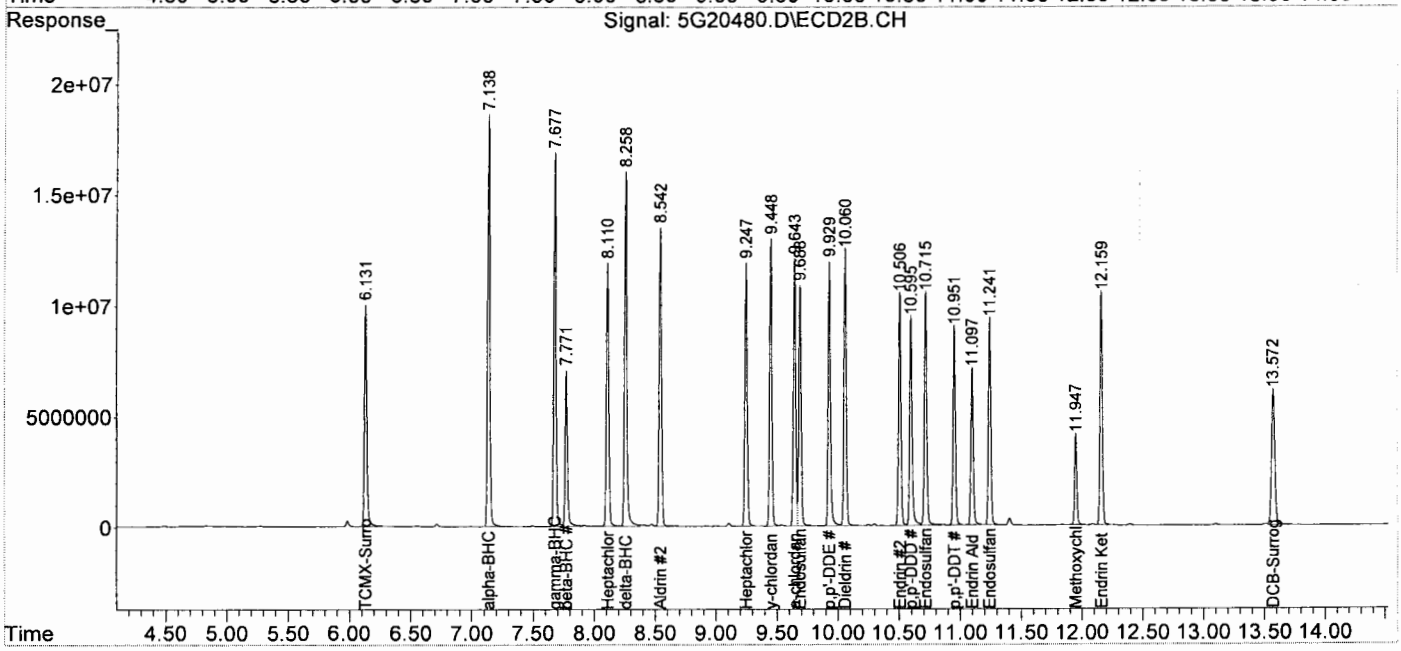
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20480.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:24
Operator : JP
Sample : CAL PEST@200PPB
Misc : A,PEST
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 13:49:28 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20481.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:42
Operator : JP
Sample : CAL PEST@400PPB
Misc : A,PEST
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 14:00:46 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.131	437.1E6	274.8E6	409.148	371.072
2)alpha-BHC	7.319	7.139	678.0E6	493.6E6	440.046m	427.009
3)gamma-BHC	7.837	7.678	669.1E6	416.7E6	471.576	413.397
4)beta-BHC	8.694	7.770	279.1E6	190.2E6	450.109	396.697
5)Heptachlor	8.150	8.110	559.5E6	333.9E6	445.076	417.704
6)delta-BHC	9.018	8.257	644.7E6	437.7E6	482.381m	430.933
7)Aldrin	8.512	8.543	581.7E6	371.9E6	438.073	399.256
8)Heptachlor Epoxid	9.299	9.247	505.7E6	322.2E6	433.205	389.246
9)y-chlordane	9.680	9.447	552.8E6	344.6E6	470.400m	413.190m
10)a-chlordane	9.746	9.644	523.3E6	329.9E6	457.604m	413.559
11)Endosulfan I	9.646	9.688	482.7E6	298.3E6	440.791m	417.277
12)p,p'-DDE	9.841	9.930	531.1E6	334.0E6	456.653	411.820
13)Dieldrin	10.063	10.061	537.4E6	341.5E6	454.072	409.451
14)Endrin	10.309	10.505	470.8E6	288.2E6	450.489	413.536
15)p,p'-DDD	10.719	10.593	435.0E6	276.5E6	443.818	411.342
16)Endosulfan II	10.826	10.715	440.1E6	293.5E6	457.908	406.580
17)p,p'-DDT	10.928	10.951	402.3E6	257.2E6	457.685	432.727
18)Endrin Aldehyde	11.268	11.097	296.1E6	199.5E6	479.737m	427.819
19)Endosulfan Sulfat	11.612	11.239	396.6E6	261.0E6	498.833m	438.597
20)Methoxychlor	11.574	11.947	187.2E6	115.3E6	443.210m	437.628
21)Endrin Ketone	12.096	12.158	429.2E6	298.3E6	475.129	453.834
22)DCB-Surrogate	13.033	13.573	395.3E6	241.1E6	456.466	441.043m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

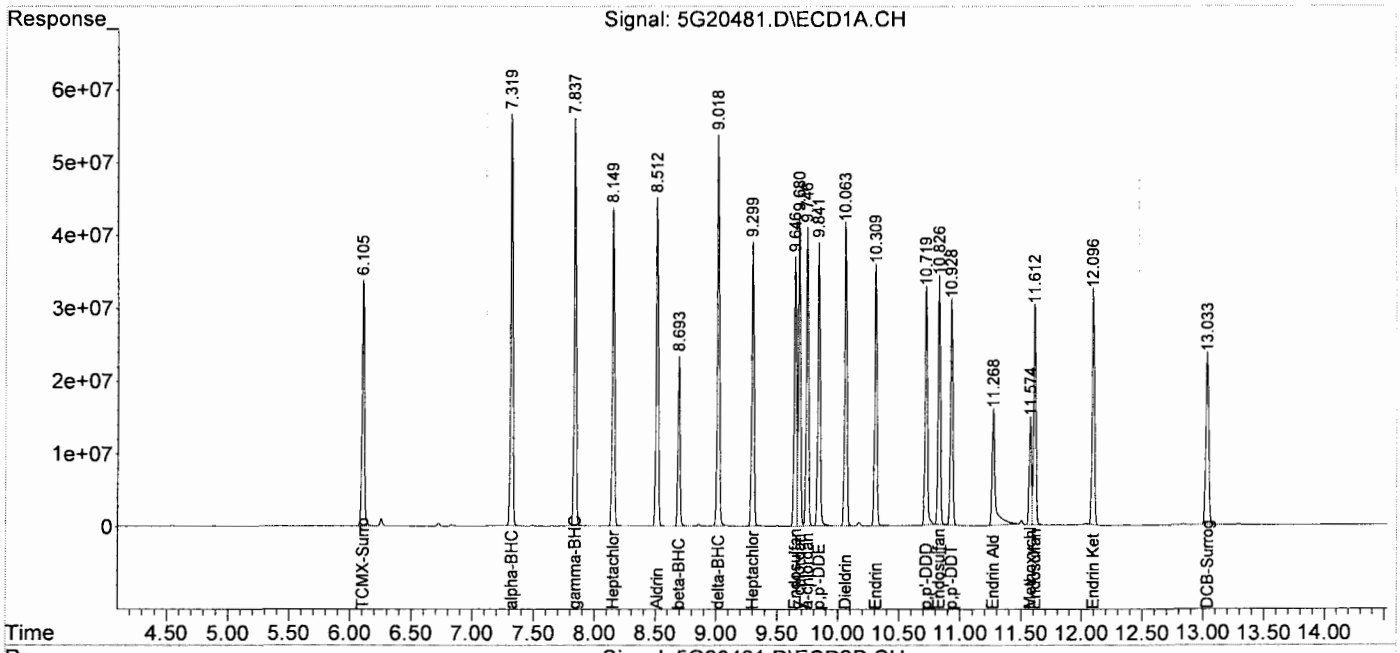
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

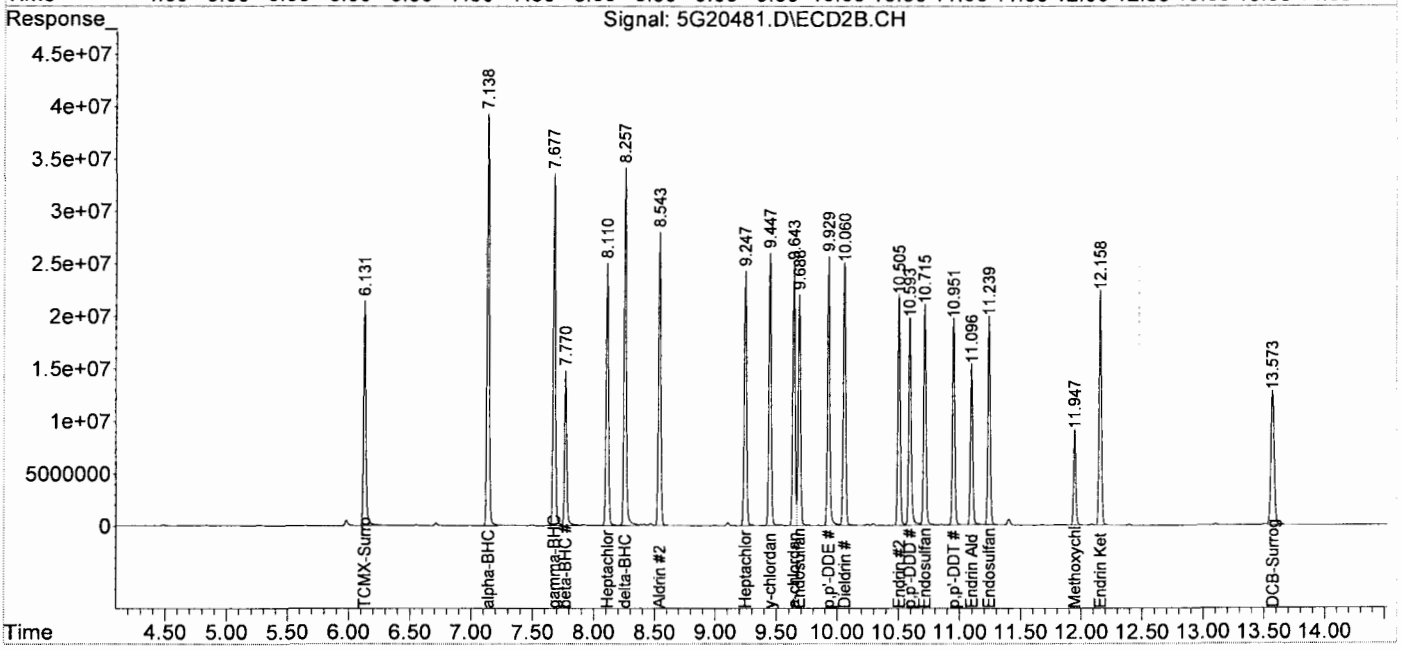
9P

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20481.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 13:42
Operator : JP
Sample : CAL PEST@400PPB
Misc : A,PEST
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 14:00:46 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 13:30:39 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20484.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:37
Operator : JP
Sample : CAL CHLOR@100PPB
Misc : A,PEST
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 17:27:38 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 17:27:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.106	6.130	126.7E6	80421613	108.178	105.870
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	13.034	13.572	110.9E6	68516738	106.316	103.640
23)Chlordane {1}	8.149	8.108	10177990	6312964	108.591	108.849
24)Chlordane {2}	9.680	9.447	18305581	12808593	109.901	108.285m
25)Chlordane {3}	9.749	9.642	28374518	8823467	109.898	109.529
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

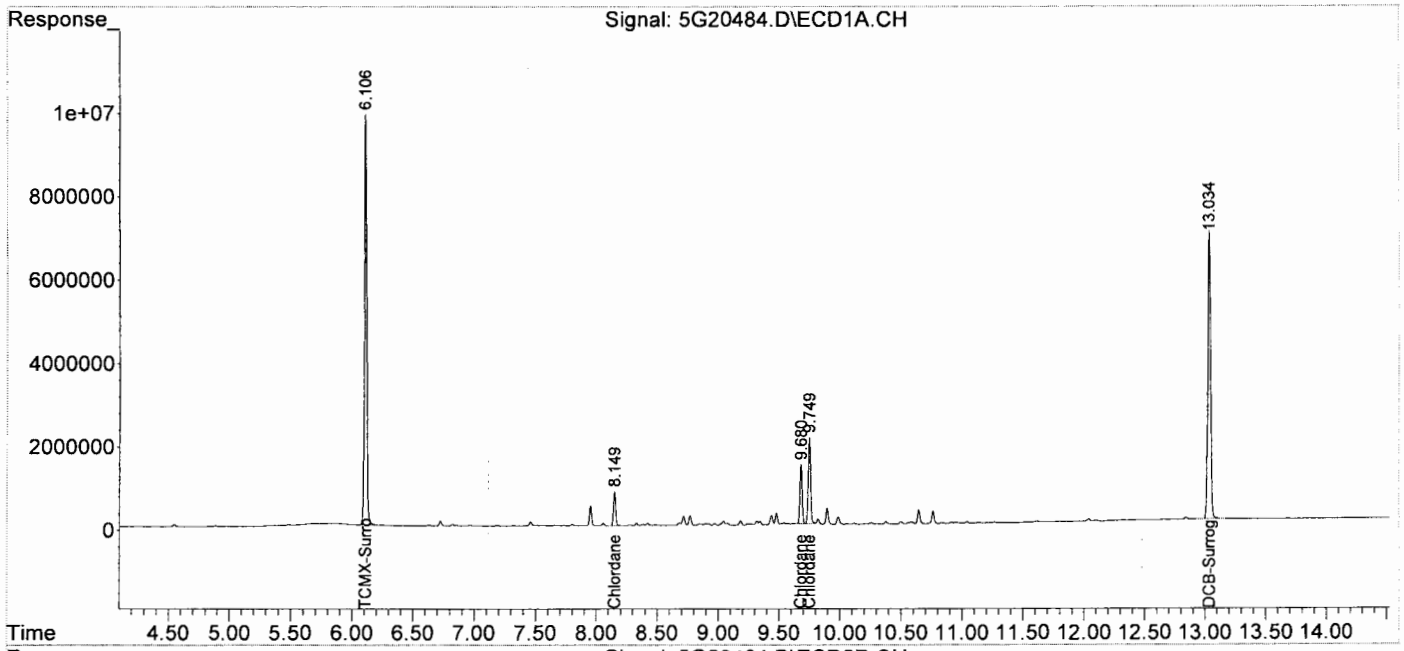
gp

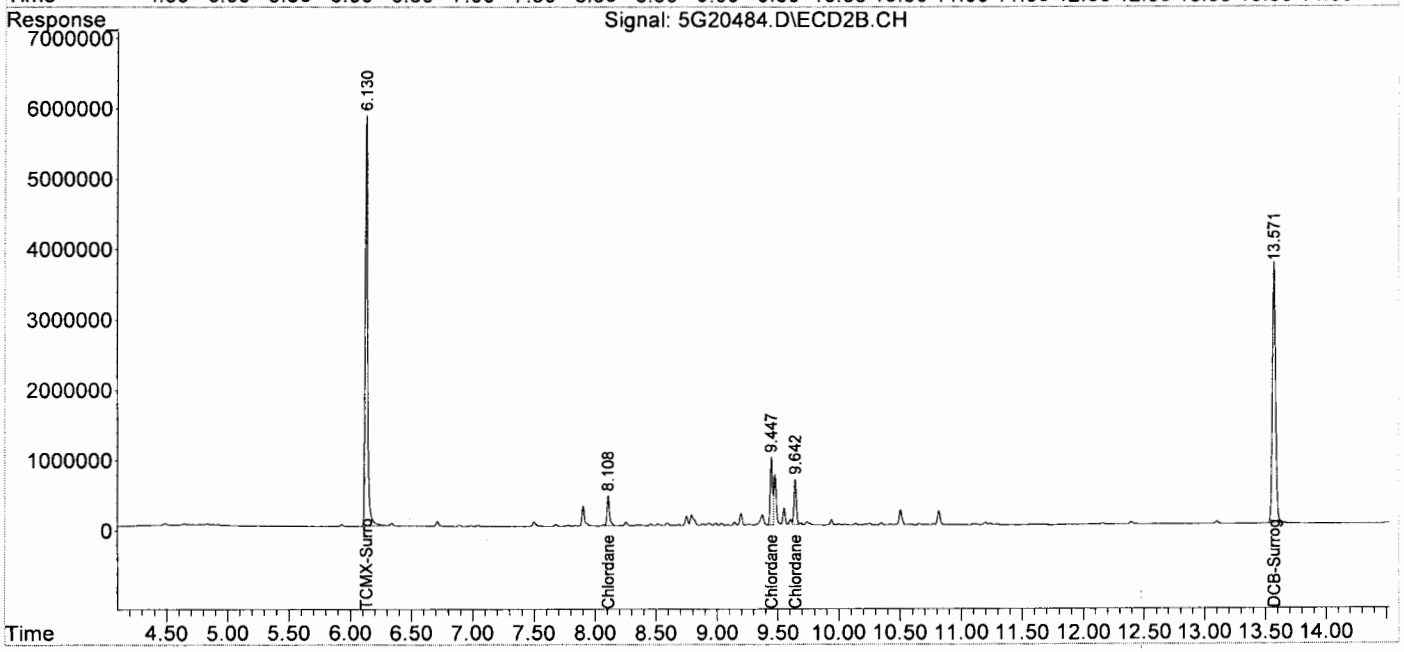
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20484.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:37
Operator : JP
Sample : CAL CHLOR@100PPB
Misc : A,PEST
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 17:27:38 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 17:27:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

0859

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20485.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:55
Operator : JP
Sample : CAL TOX@500PPB
Misc : A,PEST
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 17:29:29 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 17:28:22 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.105	6.132	64052321	39628781	54.686	52.169
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	13.032	13.573	53400543	33421888	51.183	50.555
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	10.806	10.535	5440935	4630077	550.614m	588.246
27)Toxaphene {2}	10.995	10.754	4642195	5035520	528.815	554.250m
28)Toxaphene {3}	11.167	10.994	11511208	7201528	518.159	506.415
29)Toxaphene {4}	11.605	11.699	11866968	6716849	523.308m	517.091m
30)Toxaphene {5}	11.672	11.768	2994506	4629158	514.630	529.740m

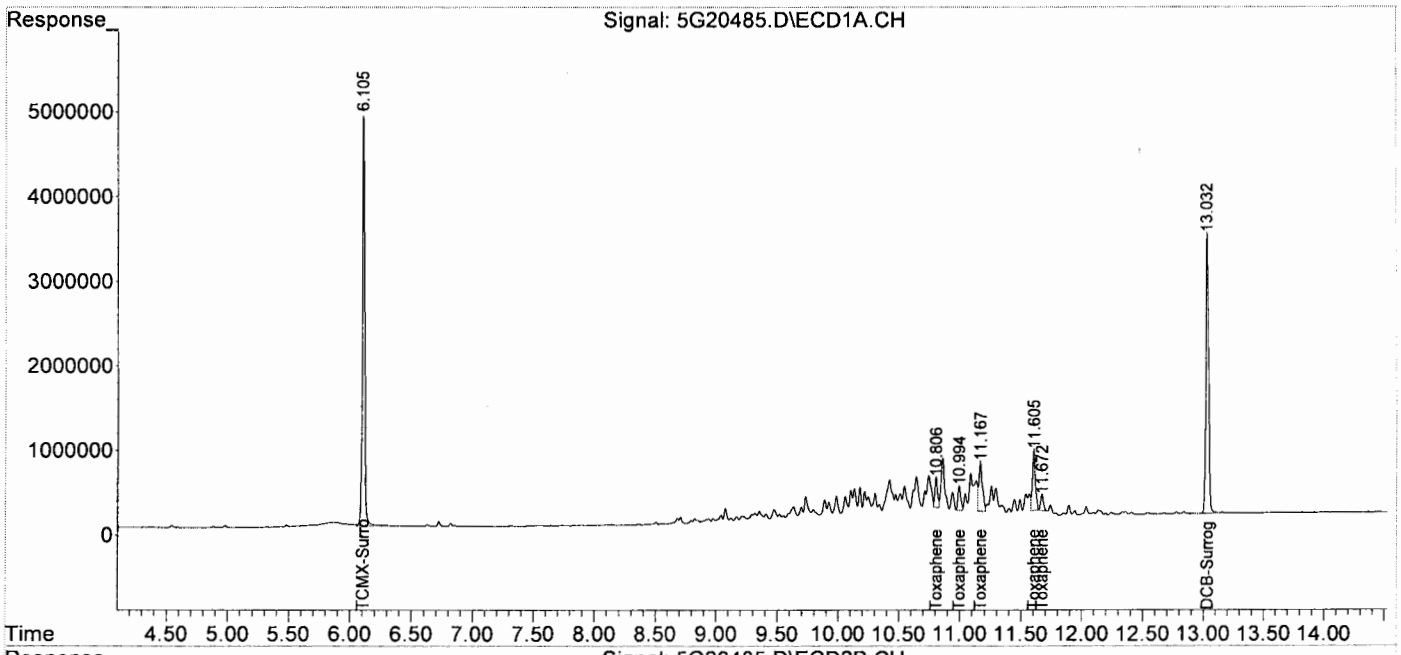
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

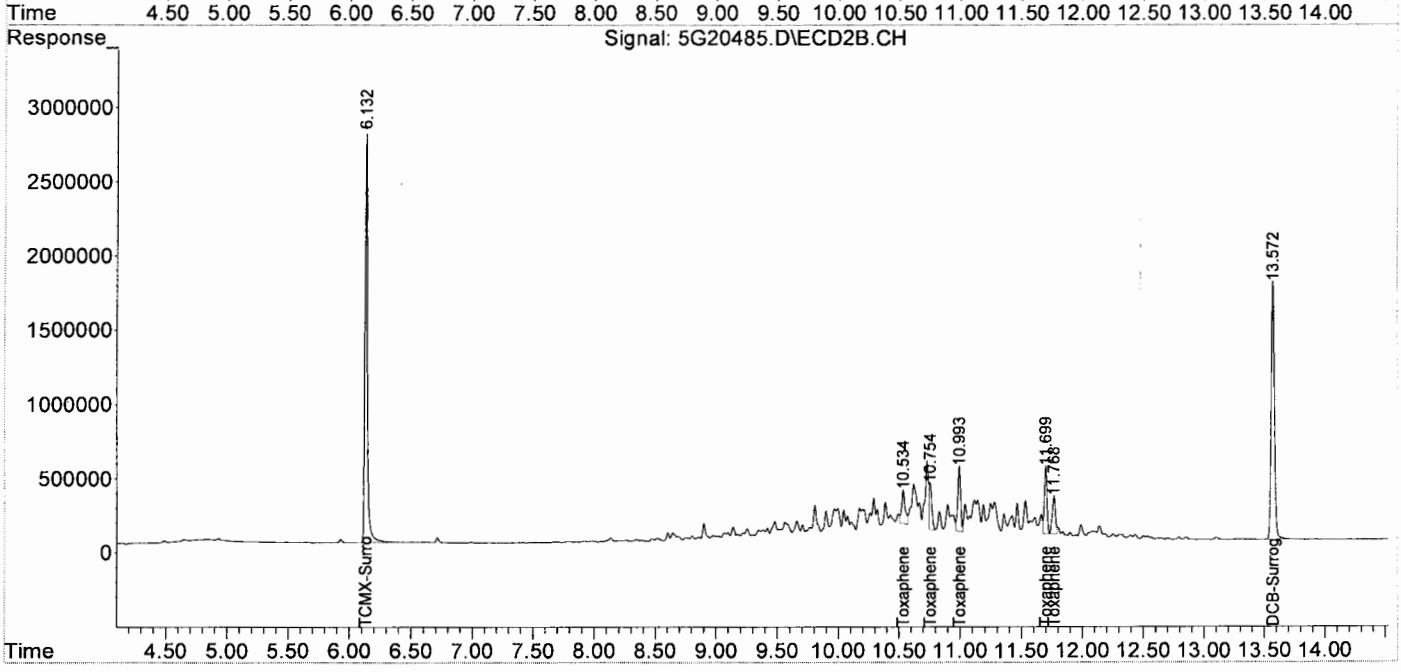
9P

Data Path : G:\Gcdata\2009\GC_5\Data\02-13-09\
Data File : 5G20485.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Feb 2009 16:55
Operator : JP
Sample : CAL TOX@500PPB
Misc : A,PEST
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 13 17:29:29 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Fri Feb 13 17:28:22 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6G12803.	CAL PEST@2PPB	02/27/09 02:31	2	6G12804.	CAL PEST@10PPB	02/27/09 02:46
3	6G12805.	CAL PEST@50PPB	02/27/09 03:02	4	6G12806.	CAL PEST@100PPB	02/27/09 03:17
5	6G12807.	CAL PEST@200PPB	02/27/09 03:32	6	6G12808.	CAL PEST@400PPB	02/27/09 03:47
7	6G12809.	CAL CHLO@100PPB	02/27/09 04:02	8	6G12810.	CAL TOX@500PPB	02/27/09 04:17

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	2.5533	2.1178	2.0891	2.0965	2.0596	1.9337	----	----	2.14	3.69	0.999	1.00	9.9	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	LinF	2.6515	2.4187	2.9314	3.1431	3.1319	3.0999	----	----	2.90	4.68	1.00	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Avg	2.6301	2.4070	2.7873	2.9332	2.8757	2.8064	----	----	2.74	5.15	1.00	1.00	7.0	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	LinF	2.1874	1.6285	1.5132	1.5076	1.4263	1.3528	----	----	1.60	5.98	0.999	1.00	19	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Avg	2.9347	2.5308	2.5561	2.6275	2.5302	2.4341	----	----	2.60	5.42	0.999	1.00	6.7	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	LinF	3.3176	2.3333	2.6533	2.7971	2.7969	2.7666	----	----	2.78	6.31	1.00	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Avg	2.7354	2.3761	2.6255	2.7427	2.6656	2.5769	----	----	2.62	5.77	1.00	1.00	5.2	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	2.7894	2.4223	2.4708	2.5094	2.3937	2.2941	----	----	2.48	6.56	0.999	1.00	6.8	2.00	10.00	50.00	100.0	200.0	400.0		
γ-chlordane	1	0	Avg	3.1047	2.6812	2.8958	3.0223	2.9308	2.8009	----	----	2.91	6.95	0.999	1.00	5.2	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	2.9715	2.6330	2.6887	2.7633	2.6861	2.5917	----	----	2.72	7.02	1.00	1.00	5.0	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Qua	2.2994	1.9518	1.9226	1.8900	1.7286	1.5888	----	----	1.90	6.92	0.997	1.00	13	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	2.1660	2.0002	2.2932	2.4454	2.4375	2.3983	----	----	2.29	7.11	1.00	1.00	7.7	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	2.4496	2.0732	2.3124	2.4300	2.3885	2.3237	----	----	2.33	7.35	1.00	1.00	5.9	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	1.9371	1.8058	2.0162	2.1025	2.0954	2.0568	----	----	2.00	7.61	1.00	1.00	5.7	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	1.6797	1.5362	1.7165	1.8326	1.8397	1.8266	----	----	1.74	8.05	1.00	1.00	6.9	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	2.2087	1.9070	2.1050	2.1690	2.1156	2.0484	----	----	2.09	8.17	1.00	1.00	5.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Qua	0.7407	0.9156	1.4358	1.5730	1.6671	1.7374	----	----	1.34	8.26	0.999	1.00	31	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	LinF	1.3745	0.7952	1.1892	1.2413	1.3144	1.3999	----	----	1.22	8.66	0.999	1.00	18	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	1.9389	1.5445	1.7330	1.8541	1.9016	1.8817	----	----	1.81	9.03	1.00	1.00	8.1	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	LinF	0.5223	0.6159	0.7681	0.8557	0.8787	0.8875	----	----	0.755	8.96	1.00	1.00	20	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Avg	2.1128	1.7158	1.9425	2.0801	2.0377	2.0265	----	----	1.99	9.54	1.00	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	LinF	2.5196	2.2005	1.9687	1.9646	1.7928	1.7363	----	----	2.03	10.51	0.999	1.00	14	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	----	----	----	----	----	----	----	----	0.104	5.23	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	----	----	----	----	----	----	----	----	0.332	6.95	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	----	----	----	----	----	----	----	----	0.578	7.02	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	----	----	----	----	----	----	----	----	0.00986	7.17	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	----	----	----	----	----	----	----	----	0.0196	7.86	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	----	----	----	----	----	----	----	----	0.0277	8.08	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	----	----	----	----	----	----	----	----	0.0345	8.52	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	----	----	----	----	----	----	----	----	0.0150	9.06	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	LinF	1.6001	1.3304	1.3162	1.3316	1.2713	1.2174	----	----	1.34	3.73	0.999	1.00	9.9	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Qua	1.5681	1.4015	1.7802	1.9894	2.0434	2.0685	----	----	1.81	4.48	1.00	1.00	15	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	1.5820	1.3875	1.6647	1.8083	1.8080	1.7845	----	----	1.67	4.95	1.00	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	LinF	1.3730	1.0083	0.9863	1.0231	1.0281	1.0208	----	----	1.07	5.02	1.00	1.00	14	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	LinF	2.2874	1.6962	1.6111	1.6878	1.6823	1.6636	----	----	1.77	5.36	1.00	1.00	14	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	LinF	1.7797	1.3488	1.6333	1.8042	1.8540	1.8537	----	----	1.71	5.47	1.00	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 10.4 Avg Rsd Col 2: 10.4

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

0861

Method: EPA 608

Form 6
Initial Calibration

Instrument: GC_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6G12803.	CAL PEST@2PPB	02/27/09 02:31	2	6G12804.	CAL PEST@10PPB	02/27/09 02:46
3	6G12805.	CAL PEST@50PPB	02/27/09 03:02	4	6G12806.	CAL PEST@100PPB	02/27/09 03:17
5	6G12807.	CAL PEST@200PPB	02/27/09 03:32	6	6G12808.	CAL PEST@400PPB	02/27/09 03:47
7	6G12809.	CAL CHLO@100PPB	02/27/09 04:02	8	6G12810.	CAL TOX@500PPB	02/27/09 04:17

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	1.6661	1.4477	1.6320	1.7656	1.7710	1.7675	----	----	1.68	5.78	1.00	1.00	7.5	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	1.7607	1.4568	1.5388	1.6128	1.5885	1.5678	----	----	1.59	6.46	1.00	1.00	6.3	2.00	10.00	50.00	100.0	200.0	400.0		
γ-chlordane	2	0	Avg	1.8381	1.5216	1.6001	1.6953	1.6804	1.6741	----	----	1.67	6.66	1.00	1.00	6.3	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	Avg	1.8164	1.4717	1.5182	1.5609	1.4960	1.4444	----	----	1.55	6.86	0.999	1.00	8.8	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	1.6939	1.4521	1.5721	1.6983	1.7102	1.7122	----	----	1.64	6.91	1.00	1.00	6.5	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	1.5118	1.3122	1.4281	1.5530	1.5651	1.5783	----	----	1.49	7.14	1.00	1.00	6.9	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	1.6036	1.2901	1.4295	1.5508	1.5669	1.5776	----	----	1.50	7.29	1.00	1.00	8.0	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	1.2938	1.1019	1.2240	1.3058	1.3272	1.3379	----	----	1.27	7.75	1.00	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	LinF	0.9690	0.8538	1.0050	1.1135	1.1532	1.2013	----	----	1.05	7.83	0.999	1.00	12	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	1.5839	1.2388	1.3508	1.4216	1.4100	1.4213	----	----	1.40	7.97	1.00	1.00	8.0	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Qua	0.7888	0.7787	0.9659	1.1004	1.1639	1.2234	----	----	1.00	8.21	0.999	1.00	19	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	LinF	1.1452	0.5754	0.8740	0.8275	0.8562	0.9208	----	----	0.867	8.37	0.999	1.00	21	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Avg	1.3736	1.0603	1.1201	1.1885	1.1976	1.2109	----	----	1.19	8.52	1.00	1.00	8.9	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	Avg	0.6066	0.5110	0.5719	0.6121	0.6261	0.6383	----	----	0.594	9.27	1.00	1.00	7.8	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Avg	1.3492	1.1864	1.3251	1.4141	1.4079	1.4067	----	----	1.35	9.49	1.00	1.00	6.5	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	LinF	2.1728	1.7515	1.6735	1.6598	1.6031	1.5514	----	----	1.74	11.02	1.00	1.00	13	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	----	----	----	----	----	----	----	----	0.0667	5.17	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	----	----	----	----	----	----	----	----	0.409	6.66	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	----	----	----	----	----	----	----	----	0.159	6.86	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	----	----	----	----	----	----	----	----	0.00881	7.12	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	----	----	----	----	----	----	----	----	0.0245	8.00	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	----	----	----	----	----	----	----	----	0.00602	8.31	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	----	----	----	----	----	----	----	----	0.0204	9.00	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	----	----	----	----	----	----	----	----	0.0131	9.07	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 10.4 Avg Rsd Col 2: 10.4

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12803.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 2:31
Operator : JP
Sample : CAL PEST@2PPB
Misc : S,PEST
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:34:27 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.688	3.726	51067	32004	2.947m	2.688
2)alpha-BHC	4.675	4.479	53030	31363	2.059m	1.819m
3)gamma-BHC	5.146	4.948	52603	31641	2.321m	2.080m
4)beta-BHC	5.979	5.014	43749	27460	3.832m	2.874m
5)Heptachlor	5.418	5.357	58694	45748	2.597m	2.917m
6)delta-BHC	6.307	5.473	66353	35594	3.070m	2.131 #
7)Aldrin	5.766	5.776	54709	33324	2.499m	2.150
8)Heptachlor Epoxid	6.565	6.457	55788	35214	2.658	2.392m
9)y-chlordane	6.952	6.659	62095	36762	2.572	2.380m
10)a-chlordane	7.019	6.856	59431	36329	2.601	2.584m
11)Endosulfan I	6.916	6.907	45990	33880	3.279	2.212 #
12)p,p'-DDE	7.105	7.140	43320	30237	2.295	2.160m
13)Dieldrin	7.352	7.287	48993	32074	2.535	2.325
14)Endrin	7.609	7.748	38743	25877	2.287	2.182m
15)p,p'-DDD	8.050	7.833	33596	19381	2.384m	2.047
16)Endosulfan II	8.171	7.966	44175	31679	2.521	2.470
17)p,p'-DDT	8.261	8.210	14816	15776	1.170m	1.550m#
18)Endrin Aldehyde	8.661	8.367	27492	22906	2.171m	2.467
19)Endosulfan Sulfat	9.030	8.516	38778	27473	2.544m	2.599
20)Methoxychlor	8.964	9.273	10448	12133	1.358m	2.019m#
21)Endrin Ketone	9.543	9.488	42258	26986	2.576m	2.215m
22)DCB-Surrogate	10.510	11.021	50394	43456	3.511m	3.141m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

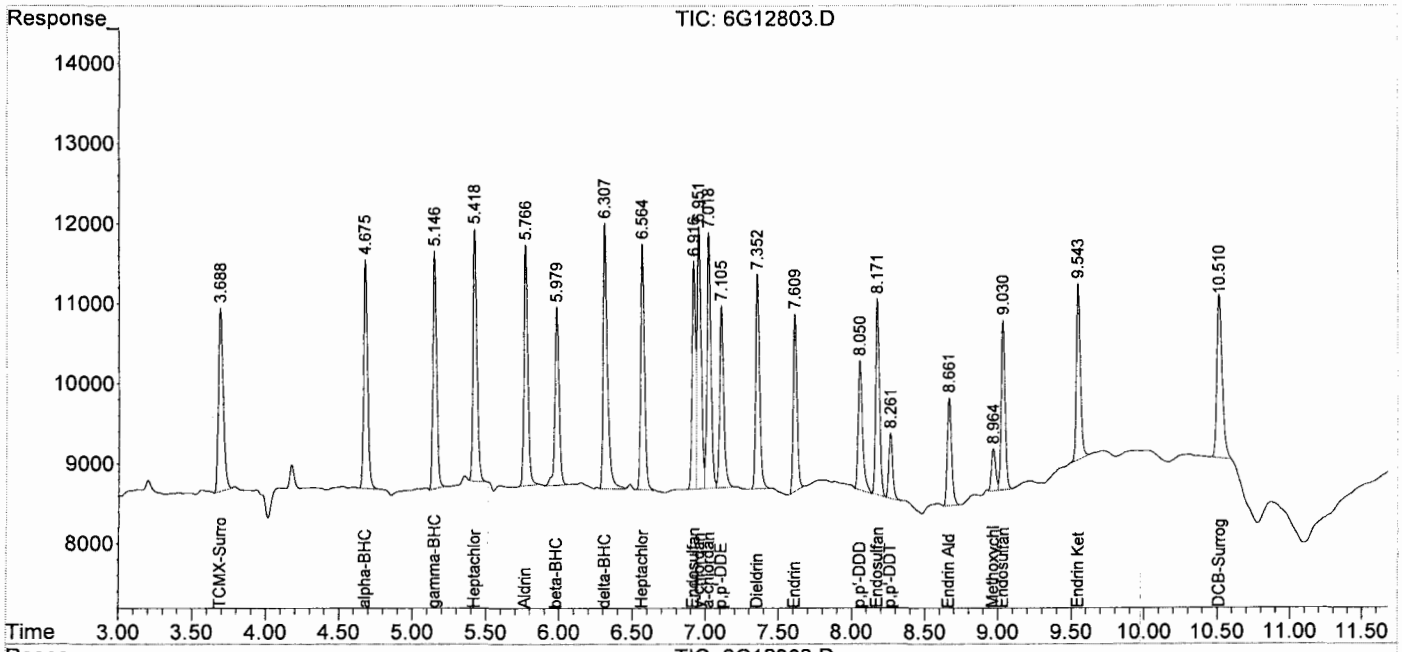
9P

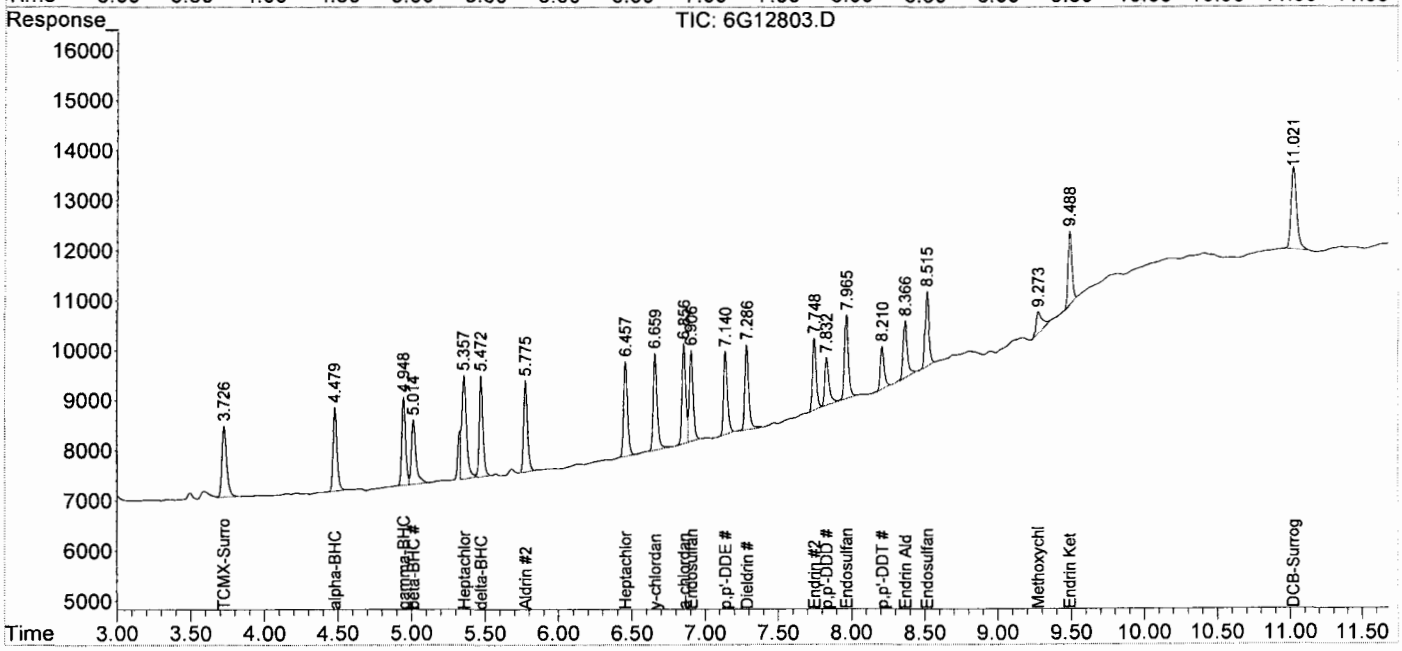
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12803.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 2:31
Operator : JP
Sample : CAL PEST@2PPB
Misc : S,PEST
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:34:27 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12804.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 2:46
Operator : JP
Sample : CAL PEST@10PPB
Misc : S,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:57:56 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.688	3.727	211783	133040	12.221m	11.173
2)alpha-BHC	4.676	4.481	241875	140151	9.392m	8.115
3)gamma-BHC	5.147	4.949	240707	138756	10.622	9.121m
4)beta-BHC	5.979	5.015	162852	100836	14.264	10.554 #
5)Heptachlor	5.417	5.357	253089	169627	11.199m	10.815m
6)delta-BHC	6.307	5.472	233331	134880	10.795m	8.076m#
7)Aldrin	5.766	5.776	237619	144773	10.856	9.343m
8)Heptachlor Epoxid	6.564	6.458	242235	145683	11.539	9.897
9)y-chlordane	6.952	6.660	268128	152168	11.105	9.853
10)a-chlordane	7.019	6.857	263302	147172	11.523	10.468
11)Endosulfan I	6.916	6.907	195185	145215	13.916	9.481 #
12)p,p'-DDE	7.105	7.140	200021	131222	10.596	9.374m
13)Dieldrin	7.352	7.287	207325	129017	10.725	9.353
14)Endrin	7.609	7.749	180583	110196	10.662m	9.291m
15)p,p'-DDD	8.051	7.834	153623	85384	10.900	8.992
16)Endosulfan II	8.171	7.966	190700	123880	10.885	9.660
17)p,p'-DDT	8.261	8.210	91566	77873	7.212	7.635m
18)Endrin Aldehyde	8.661	8.367	79521	57546	6.279m	6.198
19)Endosulfan Sulfat	9.030	8.516	154458	106032	10.134	10.032
20)Methoxychlor	8.963	9.270	61597	51101	8.005m	8.504m
21)Endrin Ketone	9.543	9.488	171587	118640	10.458m	9.740m
22)DCB-Surrogate	10.509	11.020	220053	175159	15.330m	12.660m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

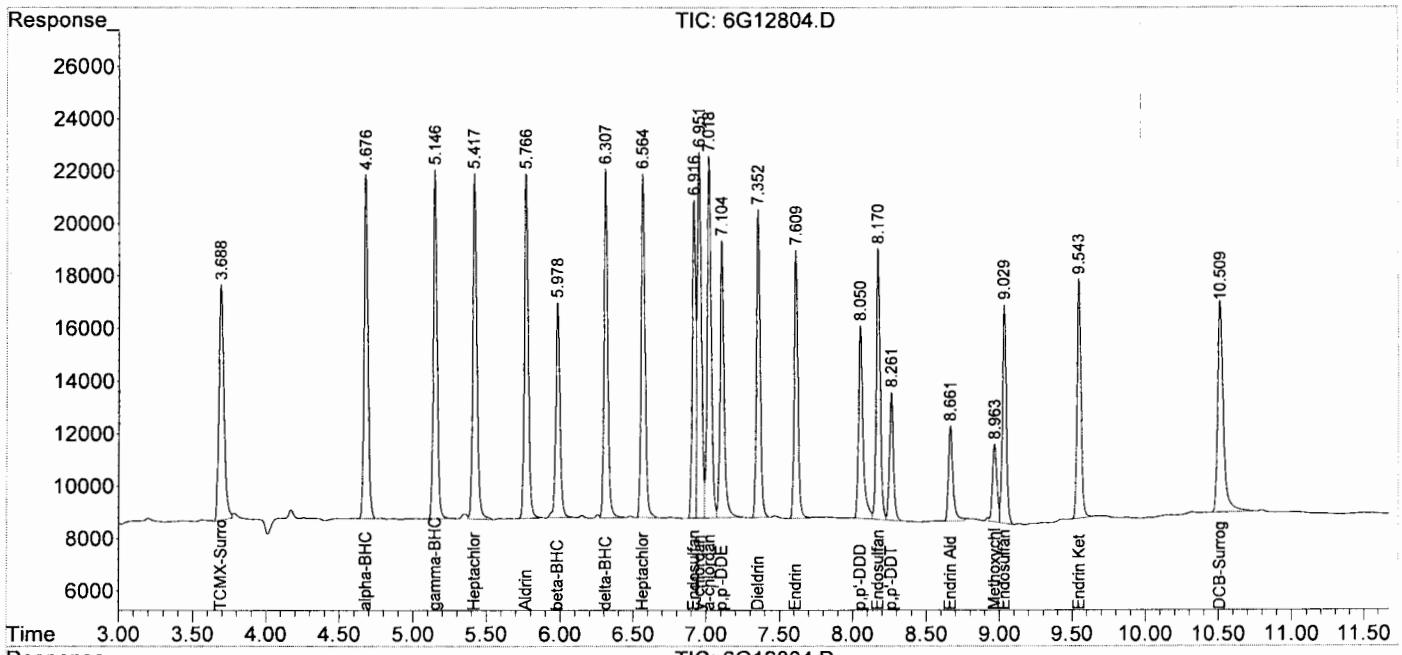
JP

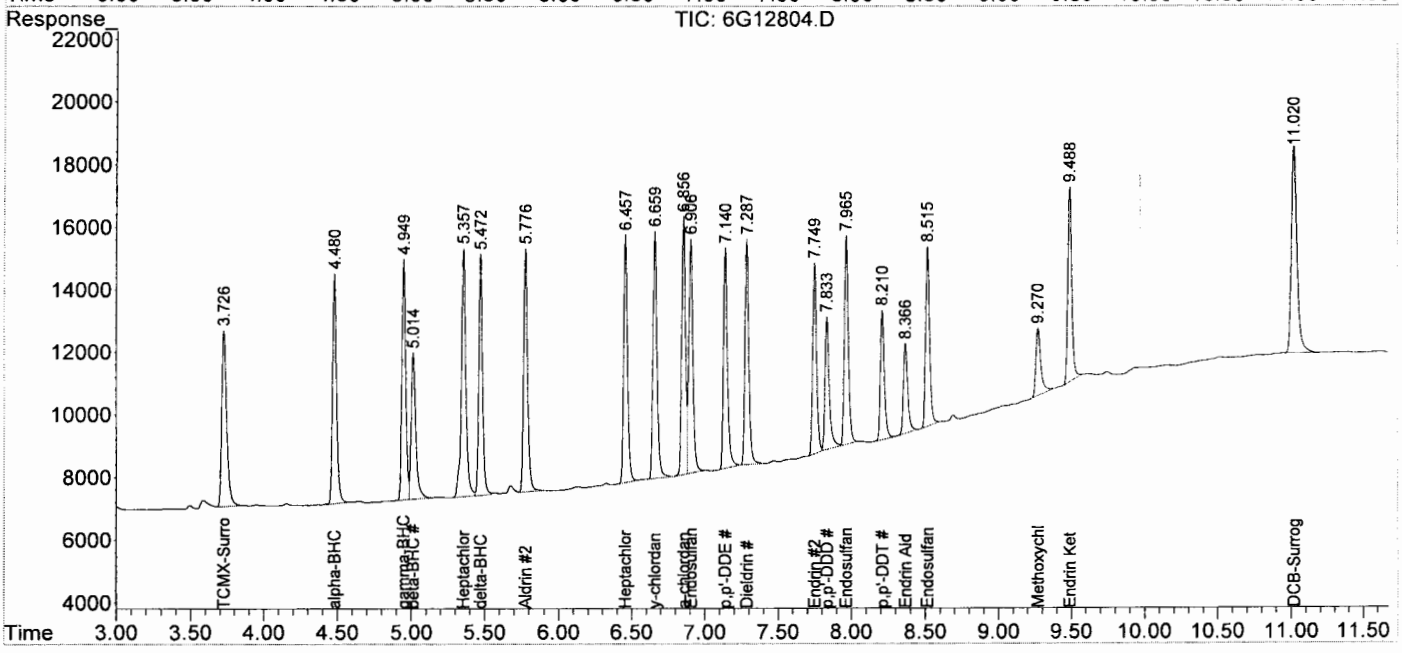
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12804.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 2:46
Operator : JP
Sample : CAL PEST@10PPB
Misc : S,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:57:56 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12805.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 3:02
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:56:54 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.688	3.727	1044561	658112	60.278	55.268
2)alpha-BHC	4.677	4.482	1465727	890133	56.914	50.969
3)gamma-BHC	5.148	4.950	1393679	832355	61.502	54.715
4)beta-BHC	5.979	5.015	756599	493187	66.268	51.618
5)Heptachlor	5.418	5.359	1278048	805569	56.551	51.361
6)delta-BHC	6.308	5.475	1326667	816652	61.379m	48.900
7)Aldrin	5.767	5.778	1312762	816013	59.976	52.659
8)Heptachlor Epoxid	6.564	6.459	1235400	769398	58.849	52.268
9)y-chlordane	6.952	6.661	1447935	800077	59.969	51.806
10)a-chlordane	7.019	6.858	1344352	759116	58.831	53.995
11)Endosulfan I	6.917	6.908	961311	786057	68.538	51.319 #
12)p,p'-DDE	7.106	7.143	1146646	714072	60.743	51.011
13)Dieldrin	7.352	7.289	1156198	714777	59.813	51.816
14)Endrin	7.610	7.751	1008106	612042	59.521	51.603
15)p,p'-DDD	8.051	7.835	858253	502516	60.896	52.008
16)Endosulfan II	8.171	7.967	1052531	675430	60.076	52.670
17)p,p'-DDT	8.261	8.212	717931	482987	55.302	46.658
18)Endrin Aldehyde	8.661	8.367	594598	437015	46.948m	47.068
19)Endosulfan Sulfat	9.029	8.517	866511	560048	56.849m	52.989
20)Methoxychlor	8.962	9.270	384051	285980	49.910m	47.592m
21)Endrin Ketone	9.544	9.490	971256	662572	59.198	54.394
22)DCB-Surrogate	10.508	11.020	984390	836761	68.578	60.478
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

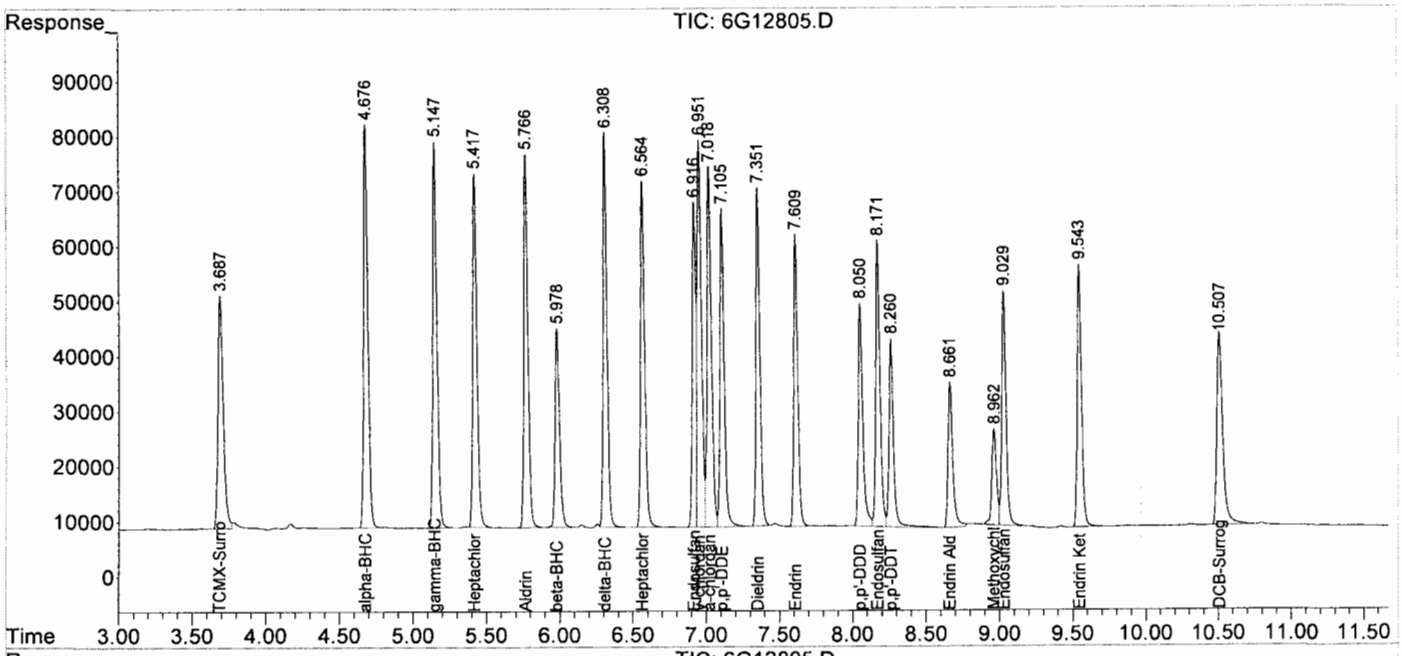
9P

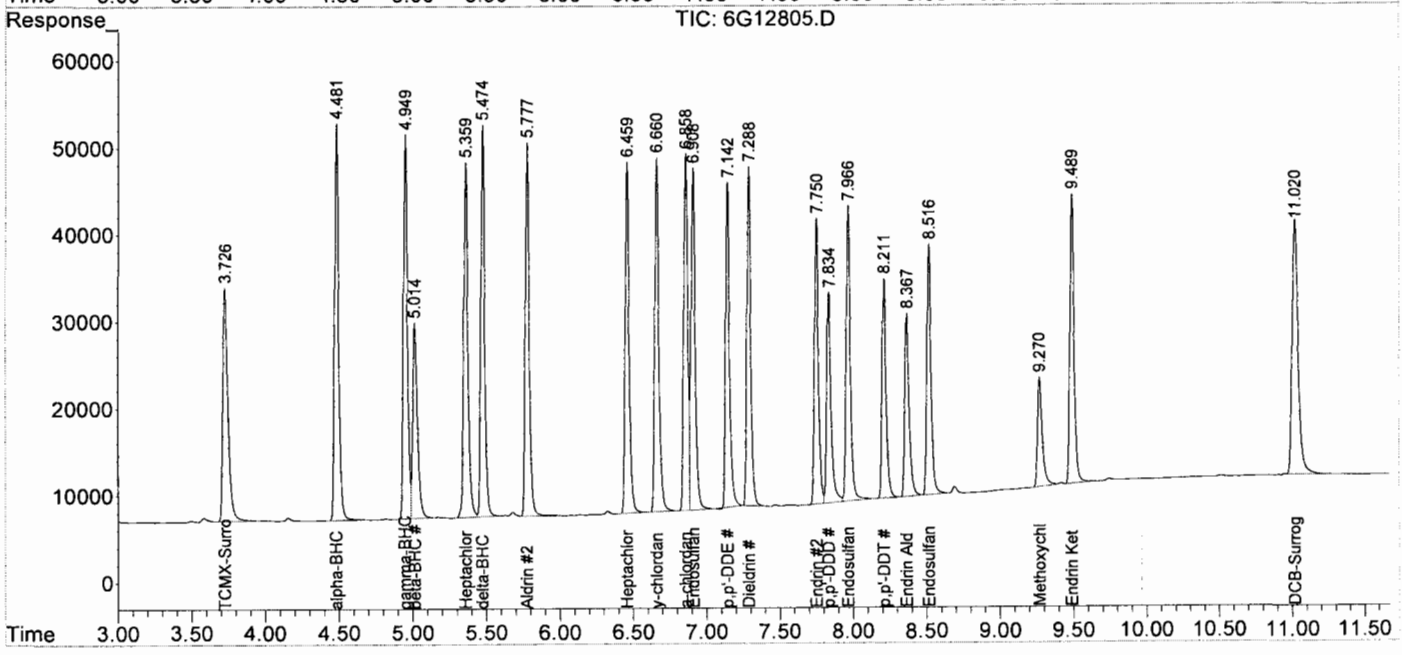
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12805.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 3:02
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:56:54 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

0869

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12806.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 3:17
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:07:21 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.688	3.726	2096541	1331605	120.984	111.829m
2)alpha-BHC	4.677	4.481	3143151	1989479	122.047	112.137
3)gamma-BHC	5.147	4.950	2933257	1808368	129.442	118.873
4)beta-BHC	5.978	5.014	1507643	1023109	132.050	107.081
5)Heptachlor	5.418	5.359	2627593	1687797	116.265	107.609
6)delta-BHC	6.307	5.474	2797095	1804218	129.408m	108.034
7)Aldrin	5.767	5.777	2742731	1765641	125.307	113.941
8)Heptachlor Epoxid	6.564	6.458	2509479	1612816	119.541	109.563
9)y-chlordane	6.951	6.660	3022302	1695389	125.174	109.778
10)a-chlordane	7.018	6.857	2763373	1560904	120.930	111.025
11)Endosulfan I	6.916	6.907	1890017	1698300	134.751	110.875
12)p,p'-DDE	7.105	7.141	2445403	1553046	129.545	110.945
13)Dieldrin	7.352	7.287	2430035	1550893	125.712	112.428
14)Endrin	7.609	7.750	2102535	1305832	124.138	110.097
15)p,p'-DDD	8.050	7.833	1832635	1113526	130.031	112.509
16)Endosulfan II	8.171	7.966	2169081	1421660	123.806	110.860
17)p,p'-DDT	8.260	8.210	1573047	1100436	117.809	104.050
18)Endrin Aldehyde	8.661	8.366	1241338	827579	98.013	89.134
19)Endosulfan Sulfat	9.029	8.515	1854126	1188516	121.643	112.451
20)Methoxychlor	8.961	9.269	855764	612152	111.212	101.872m
21)Endrin Ketone	9.543	9.489	2080125	1414176	126.784	116.098
22)DCB-Surrogate	10.507	11.019	1964610	1659816	136.866	119.966
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

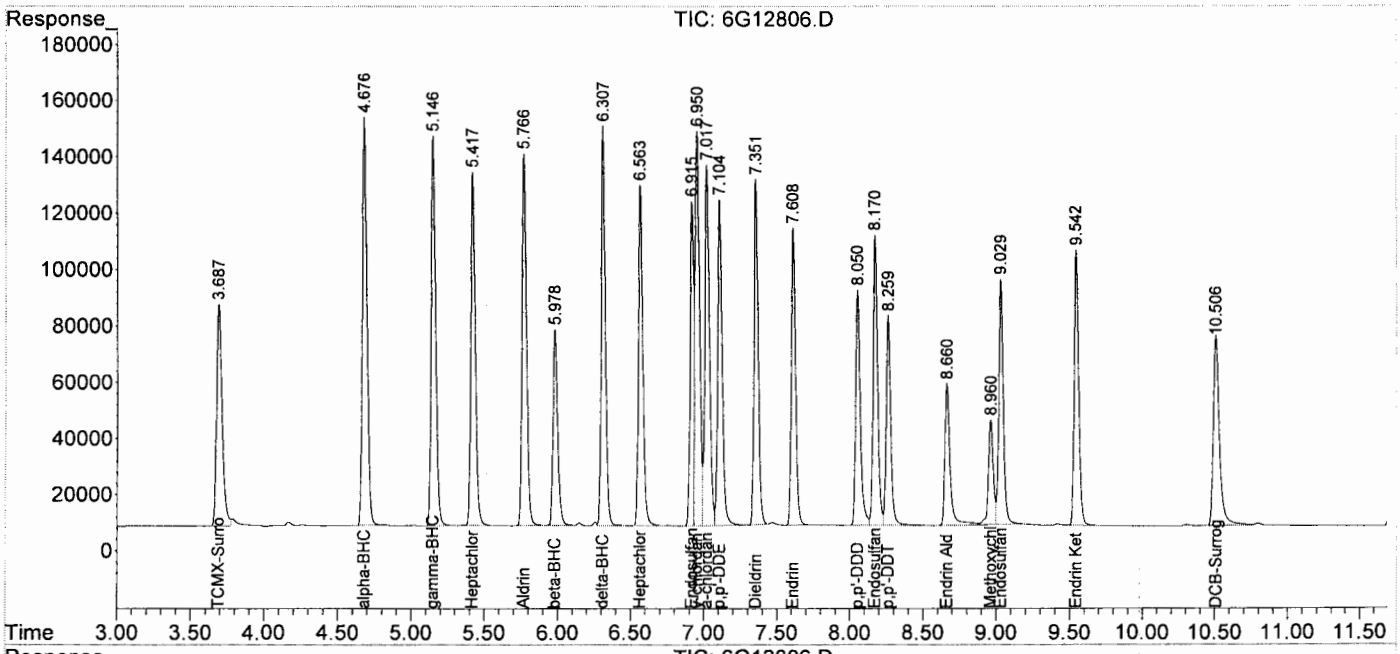
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

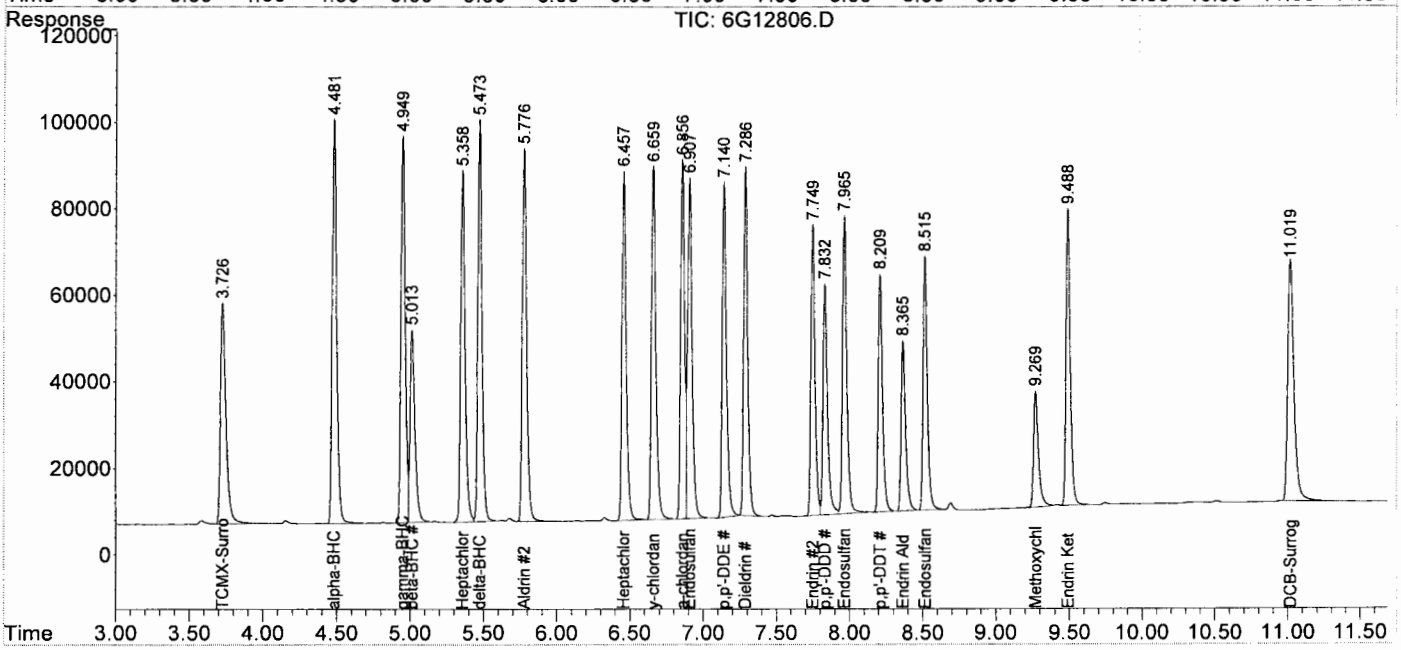
JP

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12806.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 3:17
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:07:21 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12807.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 3:32
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:12:23 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.688	3.726	4119296	2542747	237.711	213.541
2)alpha-BHC	4.676	4.481	6263868	4086900	243.224m	223.960
3)gamma-BHC	5.147	4.950	5751487	3616007	253.809	237.698
4)beta-BHC	5.978	5.014	2852782	2056241	249.866	215.212
5)Heptachlor	5.418	5.359	5060424	3364611	223.913	214.518
6)delta-BHC	6.307	5.474	5593827	3708131	258.800m	222.037
7)Aldrin	5.767	5.777	5331381	3542098	243.574	228.581
8)Heptachlor Epoxid	6.565	6.459	4787530	3177119	228.057	215.831
9)y-chlordane	6.951	6.660	5861759	3360886	242.775	217.621
10)a-chlordane	7.018	6.857	5372214	2992057	235.097	212.820
11)Endosulfan I	6.916	6.907	3457320	3420427	246.494	223.307
12)p,p'-DDE	7.105	7.142	4875164	3130373	258.261	223.624
13)Dieldrin	7.352	7.288	4777015	3133863	247.128	227.181
14)Endrin	7.609	7.750	4190980	2654406	247.444	223.799
15)p,p'-DDD	8.050	7.834	3679484	2306488	261.070	223.335
16)Endosulfan II	8.171	7.967	4231363	2820099	241.516	219.910
17)p,p'-DDT	8.261	8.211	3334211	2327921	237.148	211.688
18)Endrin Aldehyde	8.661	8.366	2628951	1712554	207.575	184.449
19)Endosulfan Sulfat	9.030	8.515	3803330	2395205	249.525	226.622
20)Methoxychlor	8.961	9.268	1757433	1252193	228.390	208.385m
21)Endrin Ketone	9.542	9.488	4075505	2815929	248.403m	231.176
22)DCB-Surrogate	10.507	11.018	3585758	3206284	249.805	231.740m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

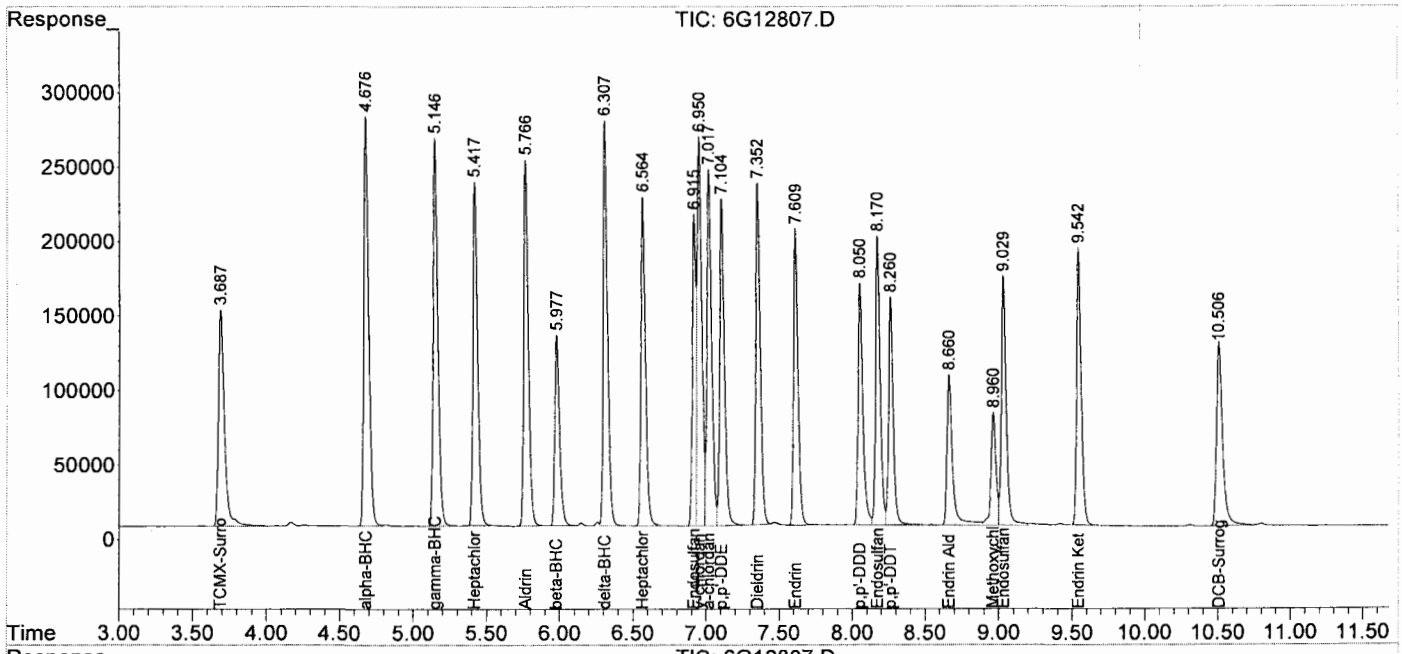
JP

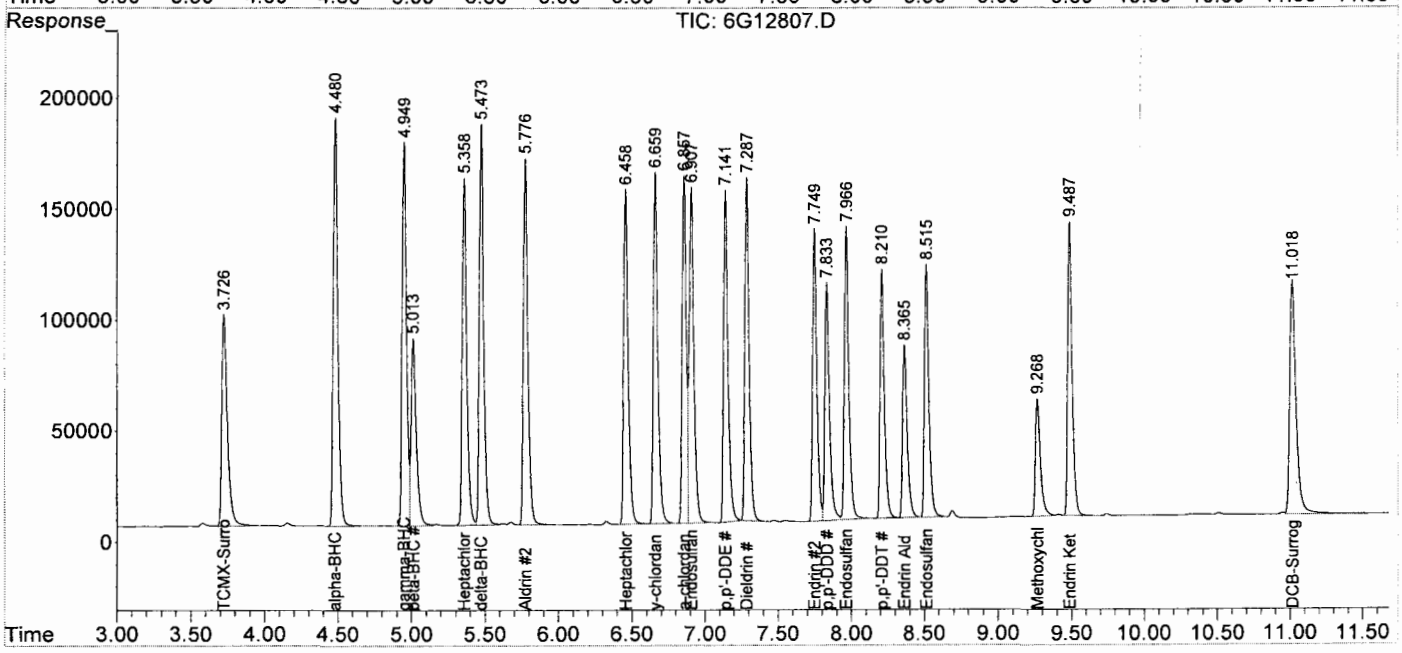
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12807.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 3:32
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:12:23 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 3:47
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:26:35 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.687	3.726	7731304	4869772	446.148m	408.965
2)alpha-BHC	4.675	4.481	12399630	8274328	481.473m	431.229
3)gamma-BHC	5.147	4.950	11225742	7138265	495.383	469.233
4)beta-BHC	5.978	5.014	5411248	4083546	473.954	427.395
5)Heptachlor	5.418	5.359	9736622	6654451	430.824	424.268
6)delta-BHC	6.307	5.474	11066449	7415049	511.992m	444.001
7)Aldrin	5.767	5.777	10307735	7070194	470.927	456.258
8)Heptachlor Epoxid	6.564	6.459	9176604	6271397	437.133	426.035
9)y-chlordane	6.951	6.660	11203620	6696534	464.017	433.607
10)a-chlordane	7.018	6.857	10366838	5777940	453.670	410.976
11)Endosulfan I	6.916	6.908	6355395	6848941	453.116	447.141
12)p,p'-DDE	7.105	7.141	9593347	6313455	508.206	451.013
13)Dieldrin	7.352	7.288	9294850	6310474	480.847	457.461
14)Endrin	7.610	7.750	8227487	5351819	485.767	451.223
15)p,p'-DDD	8.050	7.833	7306741	4805320	518.435	431.520
16)Endosulfan II	8.171	7.967	8193733	5685188	467.678	443.329
17)p,p'-DDT	8.261	8.210	6949583	4893791	453.064	415.012
18)Endrin Aldehyde	8.661	8.366	5599847	3683491	442.149	396.727
19)Endosulfan Sulfat	9.029	8.516	7526803	4843861	493.810	458.302
20)Methoxychlor	8.960	9.268	3550089	2553523	461.357	424.948m
21)Endrin Ketone	9.542	9.488	8106264	5626868	494.079	461.942
22)DCB-Surrogate	10.506	11.019	6945201	6205725	483.844	448.530
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

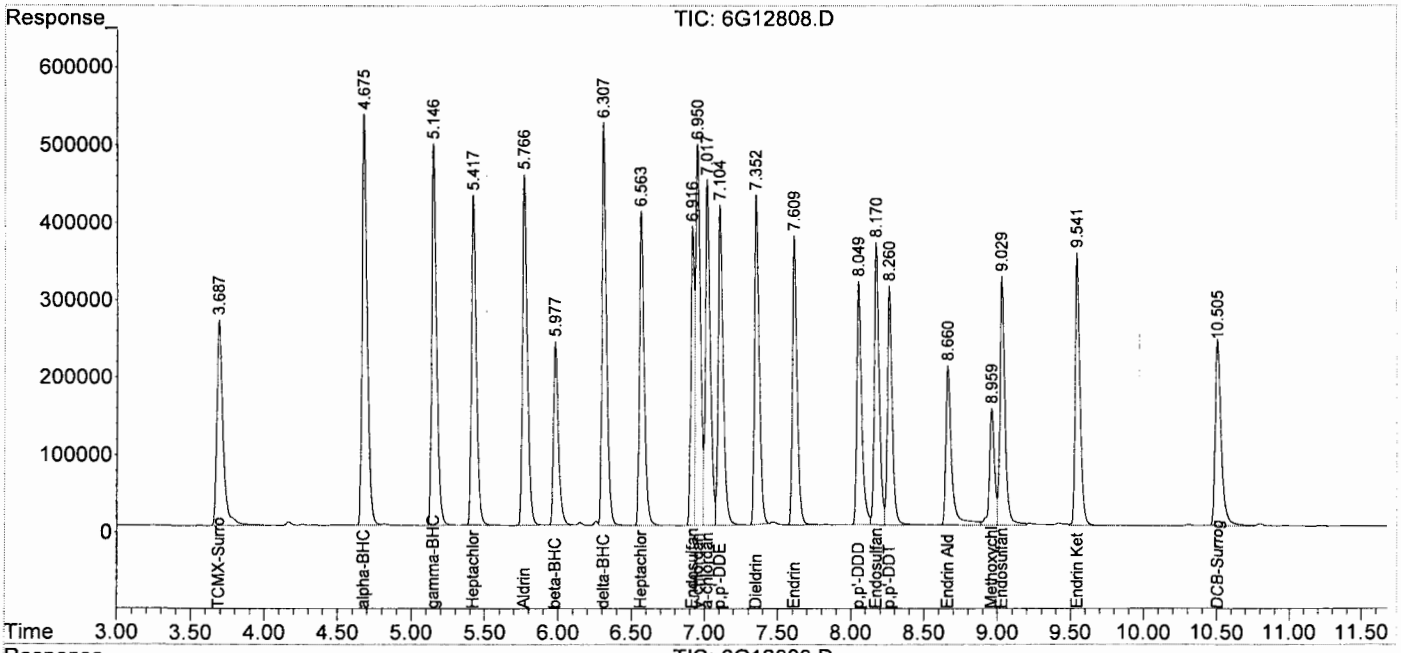
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

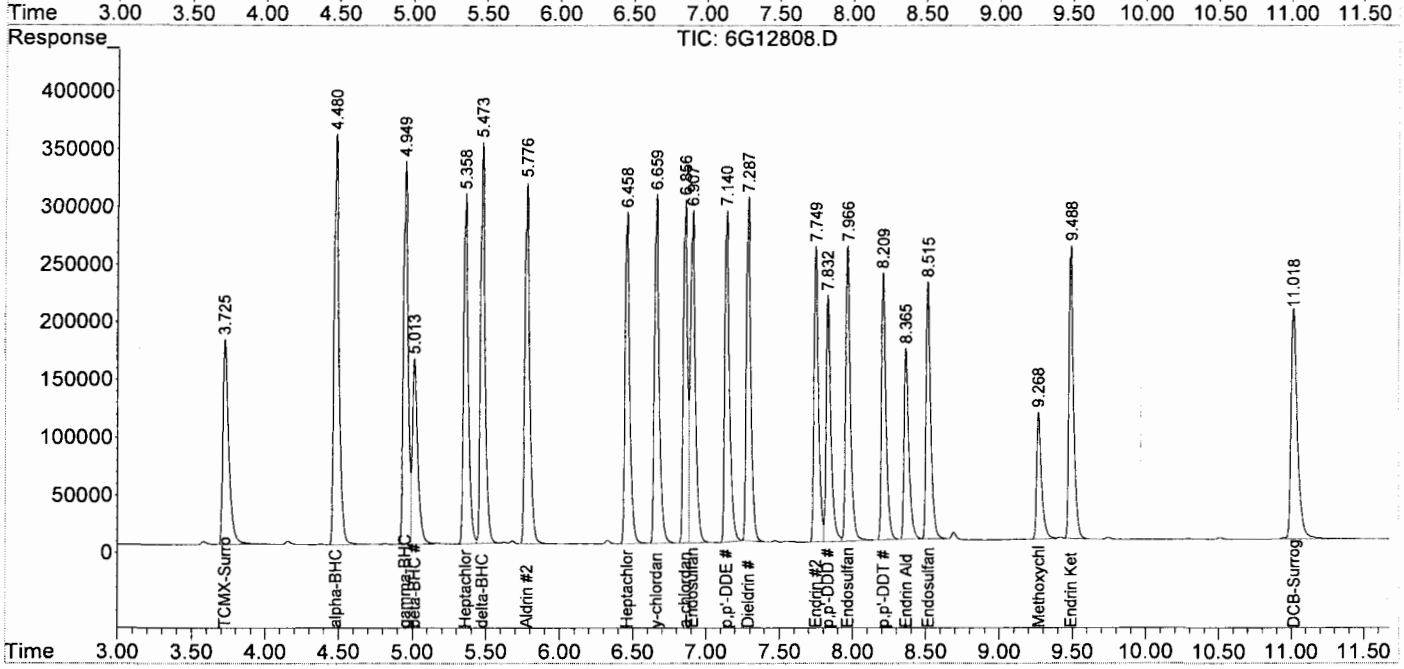
JP

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 3:47
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:26:35 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 07:50:17 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 4:02
Operator : JP
Sample : CAL CHLO@100PPB
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:16:38 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:15:18 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.688	3.726	2279101	1402925	131.519	117.818m
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	10.508	11.020	2067700	1816027	144.048	131.257m
23)Chlordane {1}	5.234	5.164	104394	66738	123.091m	108.069m
24)Chlordane {2}	6.952	6.661	331678	409010	130.242m	115.399m
25)Chlordane {3}	7.018	6.858	578059	158980	127.780	115.953
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

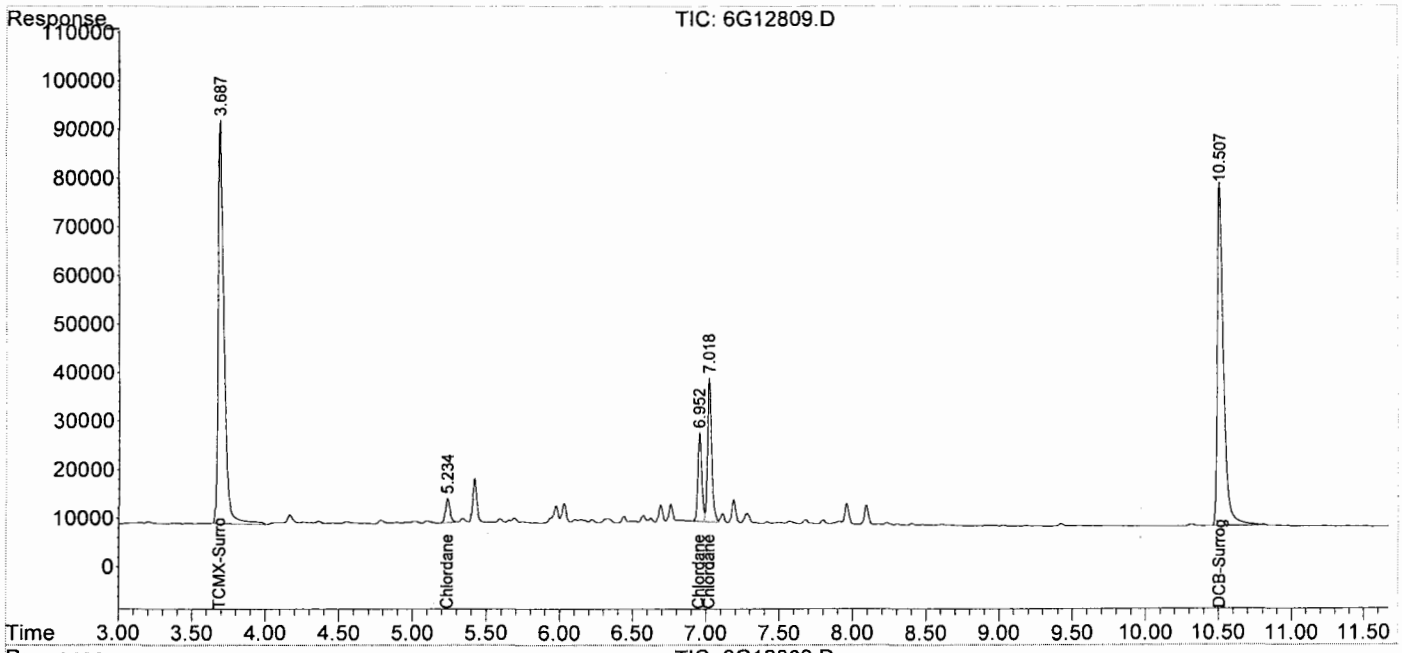
gp

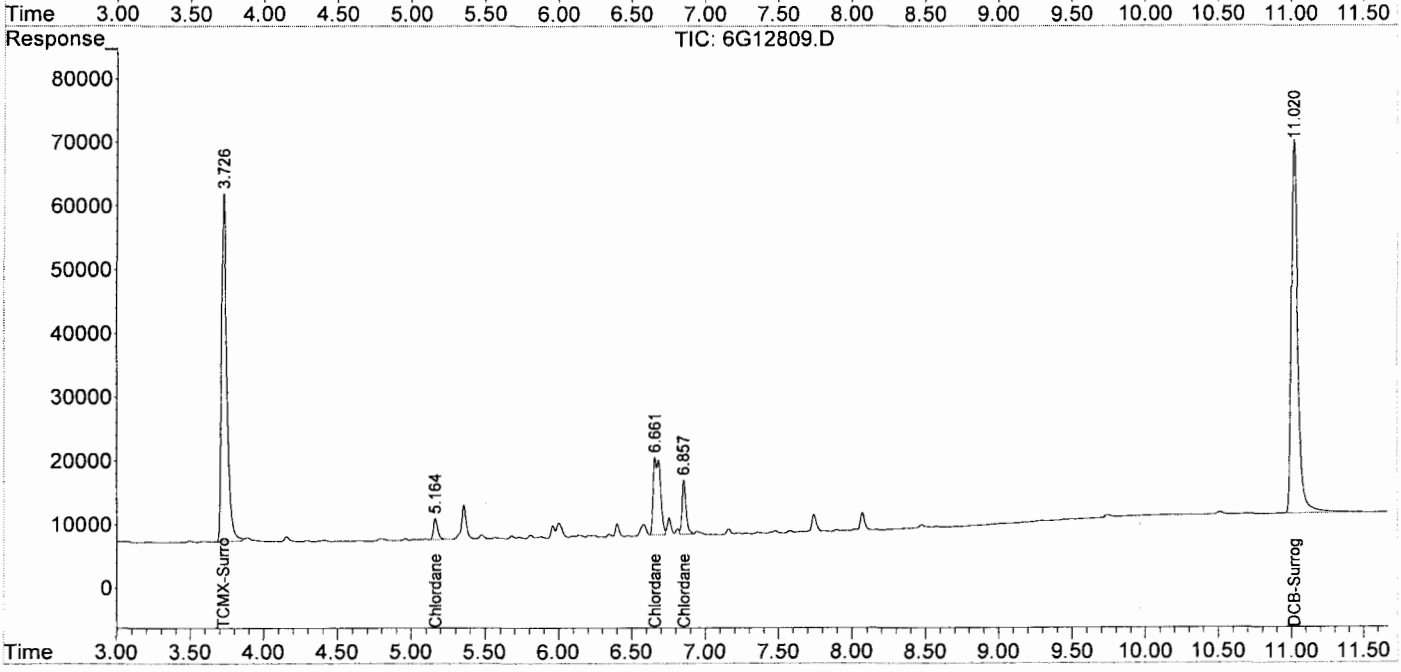
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 4:02
Operator : JP
Sample : CAL CHLO@100PPB
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:16:38 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:15:18 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 4:17
Operator : JP
Sample : CAL TOX@500PPB
Misc : S,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:21:47 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:19:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.689	3.727	1173547	717119	67.721	60.224
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	10.509	11.021	1089369	926737	75.892	66.982
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	7.174	7.115	49289	44036	600.045m	571.768m
27)Toxaphene {2}	7.862	8.003	97923	122719	632.852m	518.210m
28)Toxaphene {3}	8.083	8.308	138304	30084	617.803	471.184m
29)Toxaphene {4}	8.524	9.001	172530	101984	582.210m	542.406m
30)Toxaphene {5}	9.059	9.073	75190	65520	610.089m	517.021m

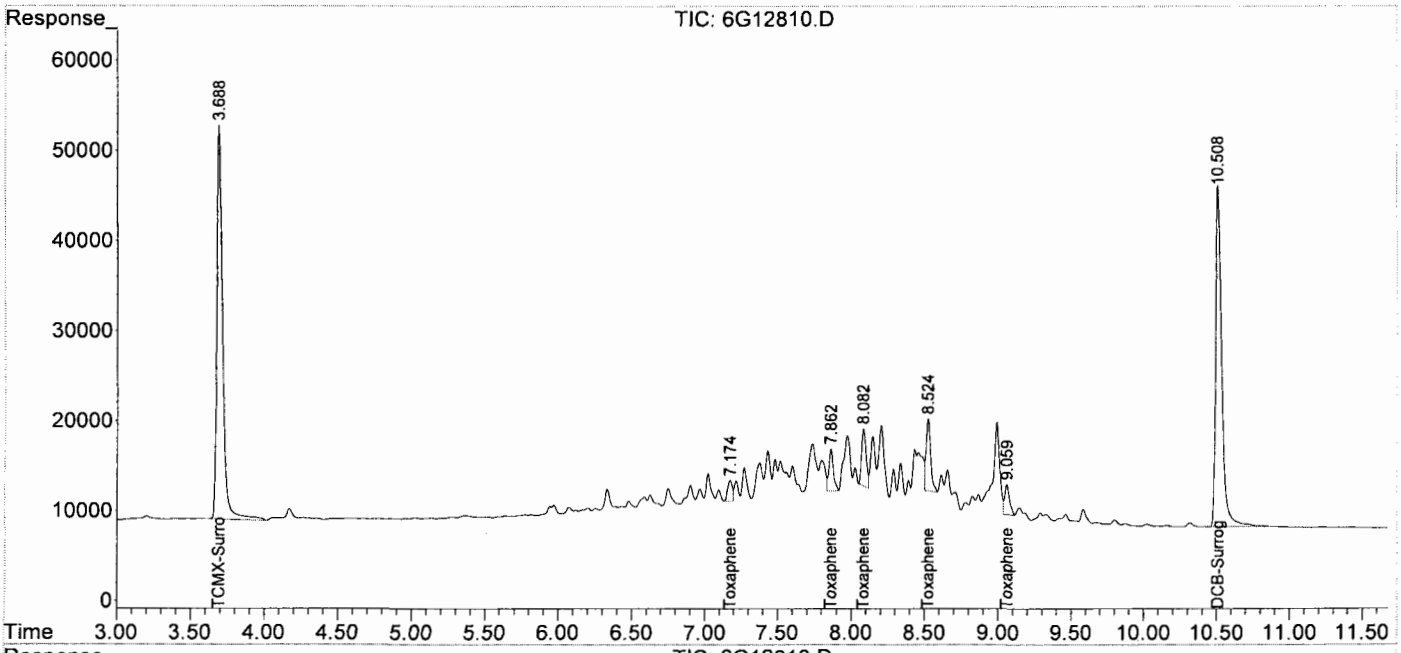
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

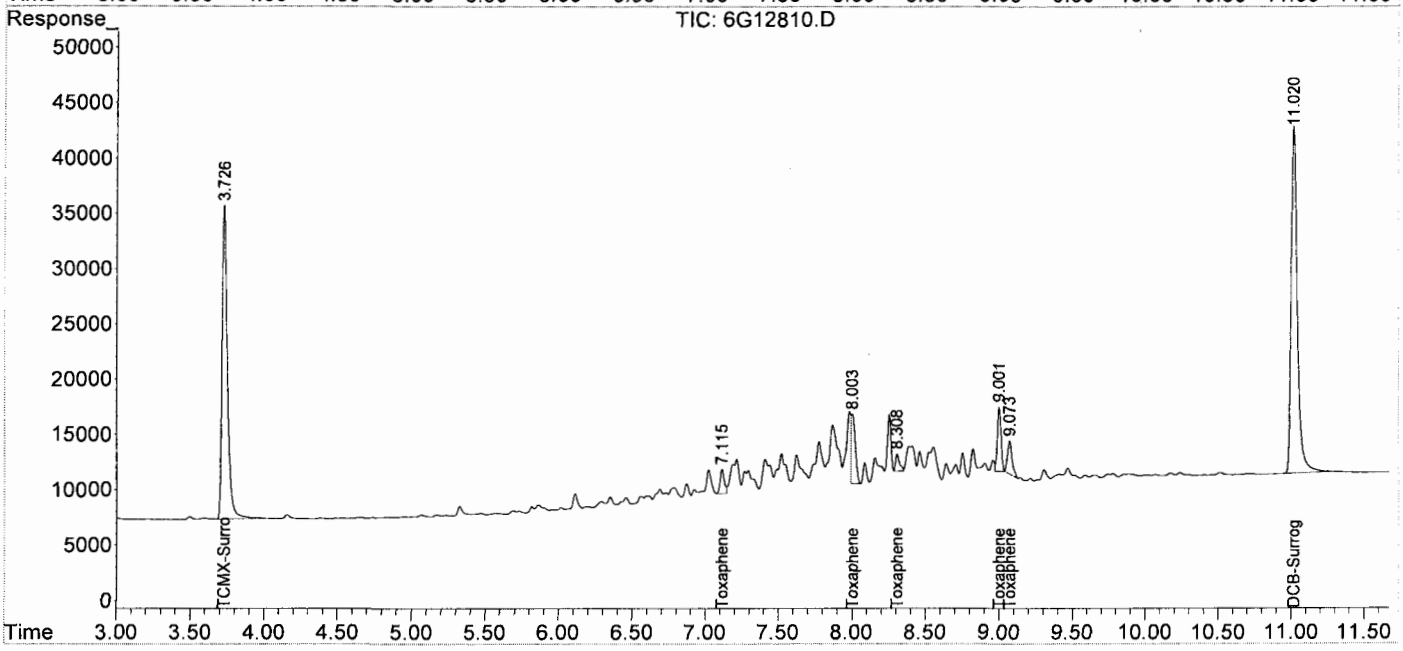
JP

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 4:17
Operator : JP
Sample : CAL TOX@500PPB
Misc : S,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 08:21:47 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 08:19:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form7
Continuing Calibration

Method: EPA 608

Data File:				5G20806.D				6G12555.D				6G12578.D				6G12818.D						
Method:				608				608				608				608						
Calibration Name:				CAL PEST@100PP				CAL PEST@200PP				CAL PEST@200PP				CAL PEST@50PPB						
Calibration Date/Time				02/27/09 13:16				02/18/09 08:09				02/19/09 00:31				02/27/09 13:29						
				Conc				Conc				Conc				Conc				Conc		
Compound	Limit	Col	Mr	Conc	Exp	%Diff		Conc	Exp	%Diff		Conc	Exp	%Diff		Conc	Exp	%Diff		Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	100.5	100	0.5		170.3	200	14.8		198.1	200	1.0		51.12	50	2.2				
alpha-BHC	15	1	0	96.9	100	3.1		182.9	200	8.5		211.9	200	5.9		50.48	50	1.0				
gamma-BHC	15	1	0	100.7	100	0.7		187.0	200	6.5		223.3	200	11.7		50.85	50	1.7				
beta-BHC	15	1	0	97.21	100	2.8		183.3	200	8.4		218.3	200	9.2		56.81	50	13.6				
Heptachlor	15	1	0	97.94	100	2.1		184.1	200	7.9		208.3	200	4.1		54.64	50	9.3				
delta-BHC	15	1	0	99.75	100	0.3		186.5	200	6.8		218.4	200	9.2		49.77	50	0.5				
Aldrin	15	1	0	102	100	2.0		189.4	200	5.3		218	200	9.0		53.58	50	7.2				
Heptachlor Epoxide	15	1	0	98.77	100	1.2		177.9	200	11.0		204.9	200	2.4		51.43	50	2.9				
y-chlordane	15	1	0	99.87	100	0.1		182.6	200	8.7		216.3	200	8.2		51.47	50	2.9				
a-chlordane	15	1	0	100.3	100	0.3		173.9	200	13.0		207.3	200	3.7		51.1	50	2.2				
Endosulfan I	15	1	0	100.6	100	0.6		195	200	2.5		222.5	200	11.2		51.89	50	3.8				
p,p'-DDE	15	1	0	100.9	100	0.8		190.9	200	4.6		229.5	200	14.8		52.11	50	4.2				
Dieldrin	15	1	0	101.2	100	1.2		188.4	200	5.8		222.4	200	11.2		48.97	50	2.1				
Endrin	15	1	0	101.3	100	1.3		178.2	200	10.9		223.9	200	12.0		54.34	50	8.7				
p,p'-DDD	15	1	0	100.7	100	0.7		194.5	200	2.8		225.0	200	12.5		47	50	6.0				
Endosulfan II	15	1	0	96.98	100	3.0		181.9	200	9.0		215.0	200	7.5		50.28	50	0.6				
p,p'-DDT	15	1	0	102.5	100	2.5		187.6	200	6.2		219.1	200	9.5		51.09	50	2.2				
Endrin Aldehyde	15	1	0	98.55	100	1.4		176	200	12.0		212.6	200	6.3		47.03	50	5.9				
Endosulfan Sulfate	15	1	0	97.85	100	2.2		189.9	200	5.1		217.1	200	8.6		52.33	50	4.7				
Methoxychlor	15	1	0	93.3	100	6.7		208.6	200	4.3		204.4	200	2.2		51.91	50	3.8				
Endrin Ketone	15	1	0	94.49	100	5.5		196.8	200	1.6		219.4	200	9.7		49.7	50	0.6				
DCB-Surrogate	15	1	0	94.32	100	5.7		193.9	200	3.0		222.6	200	11.3		54.43	50	8.9				
TCMX-Surrogate	15	2	0	99.14	100	0.9		193.5	200	3.3		200.1	200	0.1		54.24	50	8.5				
alpha-BHC	15	2	0	102.9	100	2.9		208.5	200	4.3		214.0	200	7.0		51.01	50	2.0				
gamma-BHC	15	2	0	95.91	100	4.1		221.7	200	10.8		229.1	200	14.6		56.58	50	13.2				
beta-BHC	15	2	0	102.3	100	2.3		195	200	2.5		207	200	3.5		54.2	50	8.4				
Heptachlor	15	2	0	100.2	100	0.2		214.4	200	7.2		215.4	200	7.7		55.34	50	10.7				
delta-BHC	15	2	0	103.5	100	3.5		203	200	1.5		205.4	200	2.7		51.34	50	2.7				
Aldrin	15	2	0	102.2	100	2.2		214.0	200	7.0		224.7	200	12.4		53.81	50	7.6				
Heptachlor Epoxide	15	2	0	99.09	100	0.9		203.6	200	1.8		212.8	200	6.4		52.83	50	5.7				
y-chlordane	15	2	0	100.6	100	0.6		200.8	200	0.4		214.8	200	7.4		51.83	50	3.7				
a-chlordane	15	2	0	99.97	100	0.0		195.2	200	2.4		210.4	200	5.2		51.93	50	3.9				
Endosulfan I	15	2	0	97.04	100	3.0		210.7	200	5.4		220.0	200	10.0		52.97	50	5.9				
p,p'-DDE	15	2	0	101.4	100	1.4		212	200	6.0		220.8	200	10.4		53.16	50	6.3				
Dieldrin	15	2	0	100.8	100	0.8		216.3	200	8.2		224.9	200	12.5		51.75	50	3.5				
Endrin	15	2	0	100.4	100	0.4		228.2	200	14.1		219.6	200	9.8		56.94	50	13.9				
p,p'-DDD	15	2	0	98.04	100	2.0		212.9	200	6.4		218.7	200	9.4		48.6	50	2.8				
Endosulfan II	15	2	0	98.42	100	1.6		206.4	200	3.2		216.3	200	8.1		51.67	50	3.3				
p,p'-DDT	15	2	0	104.9	100	4.9		212.2	200	6.1		218.1	200	9.1		55.98	50	12.0				
Endrin Aldehyde	15	2	0	102.7	100	2.7		197.6	200	1.2		214	200	7.0		50.04	50	0.1				
Endosulfan Sulfate	15	2	0	96.45	100	3.6		210.8	200	5.4		223.9	200	11.9		52.61	50	5.2				
Methoxychlor	15	2	0	101.7	100	1.7		215.2	200	7.6		205.3	200	2.7		54.9	50	9.8				
Endrin Ketone	15	2	0	96.54	100	3.5		218.8	200	9.4		210.1	200	5.0		53.94	50	7.9				
DCB-Surrogate	15	2	0	95.17	100	4.8		202.0	200	1.0		210.3	200	5.2		55.89	50	11.8				

Flags/Notes: **** - Values outside of limits for this column/run***

Form7
RtWindow Summary

Method: EPA 608

Data File:	5G20482.D		6G12342.D		6G12803.D		5G20806.D		6G12555.D	
Calibration Name:	CAL PEST@2PPB		CAL PEST@2PPB		CAL PEST@2PPB		CAL PEST@100PPB		CAL PEST@200PPB	
Calibration Date/Time	2/13/2009 3:57:00 PM		2/10/2009 1:02:00 AM		2/27/2009 2:31:00 AM		2/27/2009 1:16:00 PM		2/18/2009 8:09:00 AM	

Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	6.11	(6.05 - 6.17)	3.69	(3.63 - 3.75)	3.69	(3.63 - 3.75)	6.11	(6.05 - 6.17)	3.70	(3.64 - 3.76)
alpha-BHC	1	0	7.32	(7.28 - 7.36)	4.68	(4.64 - 4.72)	4.68	(4.64 - 4.72)	7.32	(7.28 - 7.36)	4.69	(4.64 - 4.72)
gamma-BHC	1	0	7.84	(7.80 - 7.88)	5.16	(5.12 - 5.20)	5.15	(5.11 - 5.19)	7.83	(7.79 - 7.87)	5.16	(5.12 - 5.20)
beta-BHC	1	0	8.69	(8.61 - 8.77)	5.99	(5.91 - 6.07)	5.98	(5.90 - 6.06)	8.69	(8.61 - 8.77)	5.99	(5.91 - 6.07)
Heptachlor	1	0	8.15	(8.11 - 8.19)	5.42	(5.38 - 5.46)	5.42	(5.38 - 5.46)	8.15	(8.11 - 8.19)	5.42	(5.38 - 5.46)
delta-BHC	1	0	9.02	(8.94 - 9.10)	6.32	(6.24 - 6.40)	6.31	(6.23 - 6.39)	9.01	(8.93 - 9.09)	6.32	(6.24 - 6.40)
Aldrin	1	0	8.51	(8.43 - 8.59)	5.77	(5.69 - 5.85)	5.77	(5.69 - 5.85)	8.51	(8.43 - 8.59)	5.77	(5.69 - 5.85)
Heptachlor Epoxide	1	0	9.30	(9.26 - 9.34)	6.57	(6.53 - 6.61)	6.56	(6.52 - 6.60)	9.30	(9.26 - 9.34)	6.57	(6.53 - 6.61)
v-chlordane	1	0	9.68	(9.64 - 9.72)	6.96	(6.92 - 7.00)	6.95	(6.91 - 6.99)	9.68	(9.64 - 9.72)	6.96	(6.92 - 7.00)
a-chlordane	1	0	9.75	(9.71 - 9.79)	7.03	(6.99 - 7.07)	7.02	(6.98 - 7.06)	9.74	(9.70 - 9.78)	7.03	(6.99 - 7.07)
Endosulfan I	1	0	9.65	(9.61 - 9.69)	6.92	(6.88 - 6.96)	6.92	(6.88 - 6.96)	9.64	(9.60 - 9.68)	6.92	(6.88 - 6.96)
p,p'-DDE	1	0	9.84	(9.76 - 9.92)	7.11	(7.03 - 7.19)	7.11	(7.03 - 7.19)	9.84	(9.76 - 9.92)	7.11	(7.03 - 7.19)
Dieldrin	1	0	10.06	(9.98 - 10.14)	7.36	(7.28 - 7.44)	7.35	(7.27 - 7.43)	10.06	(9.98 - 10.14)	7.36	(7.28 - 7.44)
Endrin	1	0	10.31	(10.27 - 10.35)	7.62	(7.58 - 7.66)	7.61	(7.57 - 7.65)	10.31	(10.27 - 10.35)	7.62	(7.58 - 7.66)
o,p'-DDD	1	0	10.72	(10.64 - 10.80)	8.06	(7.98 - 8.14)	8.05	(7.97 - 8.13)	10.72	(10.64 - 10.80)	8.06	(7.98 - 8.14)
Endosulfan II	1	0	10.83	(10.75 - 10.91)	8.18	(8.10 - 8.26)	8.17	(8.09 - 8.25)	10.82	(10.74 - 10.90)	8.18	(8.10 - 8.26)
o,p'-DDT	1	0	10.93	(10.85 - 11.01)	8.27	(8.19 - 8.35)	8.26	(8.18 - 8.34)	10.93	(10.85 - 11.01)	8.27	(8.19 - 8.35)
Endrin Aldehyde	1	0	11.27	(11.19 - 11.35)	8.67	(8.59 - 8.75)	8.66	(8.58 - 8.74)	11.27	(11.19 - 11.35)	8.67	(8.59 - 8.75)
Endosulfan Sulfate	1	0	11.61	(11.57 - 11.65)	9.04	(9.00 - 9.08)	9.03	(8.99 - 9.07)	11.61	(11.57 - 11.65)	9.04	(9.00 - 9.08)
Methoxychlor	1	0	11.58	(11.54 - 11.62)	8.97	(8.93 - 9.01)	8.96	(8.92 - 9.00)	11.57	(11.53 - 11.61)	8.97	(8.93 - 9.01)
Endrin Ketone	1	0	12.10	(12.02 - 12.18)	9.55	(9.47 - 9.63)	9.54	(9.46 - 9.62)	12.09	(12.01 - 12.17)	9.55	(9.47 - 9.63)
DCB-Surrogate	1	0	13.03	(12.97 - 13.09)	10.51	(10.45 - 10.57)	10.51	(10.45 - 10.57)	13.03	(12.97 - 13.09)	10.51	(10.45 - 10.57)
Chlordane	1	1	8.15	(8.11 - 8.19)	5.24	(5.20 - 5.28)	5.23	(5.19 - 5.27)				
Chlordane	1	2	9.68	(9.64 - 9.72)	6.96	(6.92 - 7.00)	6.95	(6.91 - 6.99)				
Chlordane	1	3	9.75	(9.71 - 9.79)	7.03	(6.99 - 7.07)	7.02	(6.98 - 7.06)				
Toxaphene	1	1	10.81	(10.77 - 10.85)	7.18	(7.14 - 7.22)	7.17	(7.13 - 7.21)				
Toxaphene	1	2	10.99	(10.95 - 11.03)	7.87	(7.83 - 7.91)	7.86	(7.82 - 7.90)				
Toxaphene	1	3	11.17	(11.13 - 11.21)	8.09	(8.05 - 8.13)	8.08	(8.04 - 8.12)				
Toxaphene	1	4	11.60	(11.56 - 11.64)	8.53	(8.49 - 8.57)	8.52	(8.48 - 8.56)				
Toxaphene	1	5	11.67	(11.63 - 11.71)	9.07	(9.03 - 9.11)	9.06	(9.02 - 9.10)				
TCMX-Surrogate	2	0	6.13	(6.07 - 6.19)	3.73	(3.67 - 3.79)	3.73	(3.67 - 3.79)	6.13	(6.07 - 6.19)	3.73	(3.67 - 3.79)
alpha-BHC	2	0	7.14	(7.10 - 7.18)	4.49	(4.45 - 4.53)	4.48	(4.44 - 4.52)	7.13	(7.09 - 7.17)	4.49	(4.45 - 4.53)
gamma-BHC	2	0	7.68	(7.64 - 7.72)	4.96	(4.92 - 5.00)	4.95	(4.91 - 4.99)	7.67	(7.63 - 7.71)	4.96	(4.92 - 5.00)
beta-BHC	2	0	7.77	(7.69 - 7.85)	5.02	(4.94 - 5.10)	5.01	(4.93 - 5.09)	7.77	(7.69 - 7.85)	5.02	(4.94 - 5.10)
Heptachlor	2	0	8.11	(8.07 - 8.15)	5.37	(5.33 - 5.41)	5.36	(5.32 - 5.40)	8.11	(8.07 - 8.15)	5.36	(5.32 - 5.40)
delta-BHC	2	0	8.26	(8.18 - 8.34)	5.48	(5.40 - 5.56)	5.47	(5.39 - 5.55)	8.25	(8.17 - 8.33)	5.48	(5.40 - 5.56)
Aldrin	2	0	8.54	(8.46 - 8.62)	5.78	(5.70 - 5.86)	5.78	(5.70 - 5.86)	8.54	(8.46 - 8.62)	5.78	(5.70 - 5.86)
Heptachlor Epoxide	2	0	9.25	(9.21 - 9.29)	6.47	(6.43 - 6.51)	6.46	(6.42 - 6.50)	9.24	(9.20 - 9.28)	6.46	(6.42 - 6.50)
v-chlordane	2	0	9.45	(9.41 - 9.49)	6.67	(6.63 - 6.71)	6.66	(6.62 - 6.70)	9.44	(9.40 - 9.48)	6.66	(6.62 - 6.70)
a-chlordane	2	0	9.64	(9.60 - 9.68)	6.86	(6.82 - 6.90)	6.86	(6.82 - 6.90)	9.64	(9.60 - 9.68)	6.86	(6.82 - 6.90)
Endosulfan I	2	0	9.69	(9.65 - 9.73)	6.91	(6.87 - 6.95)	6.91	(6.87 - 6.95)	9.68	(9.64 - 9.72)	6.91	(6.87 - 6.95)
p,p'-DDE	2	0	9.93	(9.85 - 10.01)	7.15	(7.07 - 7.23)	7.14	(7.06 - 7.22)	9.93	(9.85 - 10.01)	7.14	(7.06 - 7.22)
Dieldrin	2	0	10.06	(9.98 - 10.14)	7.29	(7.21 - 7.37)	7.29	(7.21 - 7.37)	10.06	(9.98 - 10.14)	7.29	(7.21 - 7.37)
Endrin	2	0	10.51	(10.47 - 10.55)	7.76	(7.72 - 7.80)	7.75	(7.71 - 7.79)	10.50	(10.46 - 10.54)	7.75	(7.71 - 7.79)
o,p'-DDD	2	0	10.60	(10.52 - 10.68)	7.84	(7.76 - 7.92)	7.83	(7.75 - 7.91)	10.59	(10.51 - 10.67)	7.84	(7.76 - 7.92)
Endosulfan II	2	0	10.72	(10.64 - 10.80)	7.97	(7.89 - 8.05)	7.97	(7.89 - 8.05)	10.71	(10.63 - 10.79)	7.97	(7.89 - 8.05)
o,p'-DDT	2	0	10.95	(10.87 - 11.03)	8.22	(8.14 - 8.30)	8.21	(8.13 - 8.29)	10.95	(10.87 - 11.03)	8.21	(8.13 - 8.29)
Endrin Aldehyde	2	0	11.10	(11.02 - 11.18)	8.37	(8.29 - 8.45)	8.37	(8.29 - 8.45)	11.09	(11.01 - 11.17)	8.37	(8.29 - 8.45)
Endosulfan Sulfate	2	0	11.24	(11.20 - 11.28)	8.52	(8.48 - 8.56)	8.52	(8.48 - 8.56)	11.24	(11.20 - 11.28)	8.52	(8.48 - 8.56)
Methoxychlor	2	0	11.95	(11.91 - 11.99)	9.28	(9.24 - 9.32)	9.27	(9.23 - 9.31)	11.95	(11.91 - 11.99)	9.27	(9.23 - 9.31)
Endrin Ketone	2	0	12.16	(12.08 - 12.24)	9.49	(9.41 - 9.57)	9.49	(9.41 - 9.57)	12.16	(12.08 - 12.24)	9.49	(9.41 - 9.57)
DCB-Surrogate	2	0	13.57	(13.51 - 13.63)	11.03	(10.97 - 11.09)	11.02	(10.96 - 11.08)	13.57	(13.51 - 13.63)	11.02	(10.96 - 11.08)
Chlordane	2	1	8.11	(8.07 - 8.15)	5.17	(5.13 - 5.21)	5.16	(5.12 - 5.20)				
Chlordane	2	2	9.45	(9.41 - 9.49)	6.67	(6.63 - 6.71)	6.66	(6.62 - 6.70)				
Chlordane	2	3	9.64	(9.60 - 9.68)	6.86	(6.82 - 6.90)	6.86	(6.82 - 6.90)				
Toxaphene	2	1	10.53	(10.49 - 10.57)	7.12	(7.08 - 7.16)	7.12	(7.08 - 7.16)				
Toxaphene	2	2	10.75	(10.71 - 10.79)	8.01	(7.97 - 8.05)	8.00	(7.96 - 8.04)				
Toxaphene	2	3	10.99	(10.95 - 11.03)	8.31	(8.27 - 8.35)	8.31	(8.27 - 8.35)				
Toxaphene	2	4	11.70	(11.66 - 11.74)	9.01	(8.97 - 9.05)	9.00	(8.96 - 9.04)				
Toxaphene	2	5	11.77	(11.73 - 11.81)	9.08	(9.04 - 9.12)	9.07	(9.03 - 9.11)				

Form7
RtWindow Summary

Method: EPA 608

			Data File:	6G12578.D		6G12818.D					
			Calibration Name:	CAL PEST@200PPB		CAL PEST@50PPB					
			Calibration Date/Time	2/19/2009 12:31:00 AM		2/27/2009 1:29:00 PM					
Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	3.70	(3.64 - 3.76)	3.69	(3.63 - 3.75)						
alpha-BHC	1	0	4.69	(4.65 - 4.73)	4.68	(4.64 - 4.72)						
gamma-BHC	1	0	5.16	(5.12 - 5.20)	5.15	(5.11 - 5.19)						
beta-BHC	1	0	5.99	(5.91 - 6.07)	5.99	(5.91 - 6.07)						
Heptachlor	1	0	5.43	(5.39 - 5.47)	5.42	(5.38 - 5.46)						
delta-BHC	1	0	6.32	(6.24 - 6.40)	6.32	(6.24 - 6.40)						
Aldrin	1	0	5.78	(5.70 - 5.86)	5.77	(5.69 - 5.85)						
Heptachlor Epoxide	1	0	6.57	(6.53 - 6.61)	6.57	(6.53 - 6.61)						
v-chlordane	1	0	6.96	(6.92 - 7.00)	6.96	(6.92 - 7.00)						
a-chlordane	1	0	7.03	(6.99 - 7.07)	7.03	(6.99 - 7.07)						
Endosulfan I	1	0	6.93	(6.89 - 6.97)	6.92	(6.88 - 6.96)						
p,p'-DDE	1	0	7.12	(7.04 - 7.20)	7.11	(7.03 - 7.19)						
Dieldrin	1	0	7.36	(7.28 - 7.44)	7.36	(7.28 - 7.44)						
Endrin	1	0	7.62	(7.58 - 7.66)	7.62	(7.58 - 7.66)						
p,p'-DDD	1	0	8.06	(7.98 - 8.14)	8.06	(7.98 - 8.14)						
Endosulfan II	1	0	8.18	(8.10 - 8.26)	8.18	(8.10 - 8.26)						
p,p'-DDT	1	0	8.27	(8.19 - 8.35)	8.27	(8.19 - 8.35)						
Endrin Aldehyde	1	0	8.68	(8.60 - 8.76)	8.67	(8.59 - 8.75)						
Endosulfan Sulfate	1	0	9.04	(9.00 - 9.08)	9.04	(9.00 - 9.08)						
Methoxychlor	1	0	8.97	(8.93 - 9.01)	8.97	(8.93 - 9.01)						
Endrin Ketone	1	0	9.56	(9.48 - 9.64)	9.55	(9.47 - 9.63)						
DCB-Surrogate	1	0	10.52	(10.46 - 10.58)	10.52	(10.46 - 10.58)						
Chlordane	1	1										
Chlordane	1	2										
Chlordane	1	3										
Toxaphene	1	1										
Toxaphene	1	2										
Toxaphene	1	3										
Toxaphene	1	4										
Toxaphene	1	5										
TCMX-Surrogate	2	0	3.74	(3.67 - 3.79)	3.72	(3.66 - 3.78)						
alpha-BHC	2	0	4.49	(4.45 - 4.53)	4.48	(4.44 - 4.52)						
gamma-BHC	2	0	4.96	(4.92 - 5.00)	4.95	(4.91 - 4.99)						
beta-BHC	2	0	5.02	(4.94 - 5.10)	5.01	(4.93 - 5.09)						
Heptachlor	2	0	5.37	(5.33 - 5.41)	5.36	(5.32 - 5.40)						
delta-BHC	2	0	5.48	(5.40 - 5.56)	5.48	(5.40 - 5.56)						
Aldrin	2	0	5.78	(5.70 - 5.86)	5.78	(5.70 - 5.86)						
Heptachlor Epoxide	2	0	6.47	(6.43 - 6.51)	6.46	(6.42 - 6.50)						
v-chlordane	2	0	6.67	(6.63 - 6.71)	6.66	(6.62 - 6.70)						
a-chlordane	2	0	6.86	(6.82 - 6.90)	6.86	(6.82 - 6.90)						
Endosulfan I	2	0	6.91	(6.87 - 6.95)	6.91	(6.87 - 6.95)						
p,p'-DDE	2	0	7.15	(7.07 - 7.23)	7.15	(7.07 - 7.23)						
Dieldrin	2	0	7.29	(7.21 - 7.37)	7.29	(7.21 - 7.37)						
Endrin	2	0	7.76	(7.72 - 7.80)	7.75	(7.71 - 7.79)						
p,p'-DDD	2	0	7.84	(7.76 - 7.92)	7.84	(7.76 - 7.92)						
Endosulfan II	2	0	7.97	(7.89 - 8.05)	7.97	(7.89 - 8.05)						
p,p'-DDT	2	0	8.22	(8.14 - 8.30)	8.22	(8.14 - 8.30)						
Endrin Aldehyde	2	0	8.37	(8.29 - 8.45)	8.37	(8.29 - 8.45)						
Endosulfan Sulfate	2	0	8.52	(8.48 - 8.56)	8.52	(8.48 - 8.56)						
Methoxychlor	2	0	9.28	(9.24 - 9.32)	9.28	(9.24 - 9.32)						
Endrin Ketone	2	0	9.50	(9.42 - 9.58)	9.49	(9.41 - 9.57)						
DCB-Surrogate	2	0	11.03	(10.97 - 11.09)	11.03	(10.97 - 11.09)						
Chlordane	2	1										
Chlordane	2	2										
Chlordane	2	3										
Toxaphene	2	1										
Toxaphene	2	2										
Toxaphene	2	3										
Toxaphene	2	4										
Toxaphene	2	5										

Form7
Continuing Calibration

Method: EPA 608

				5G20806.D			5G20896.D			5G20937.D							
Data File:				5G20806.D			5G20896.D			5G20937.D							
Method:				608			608			608							
Calibration Name:				CAL PEST@100PP			CAL PEST@400PP			CAL PEST@100PP							
Calibration Date/Time				02/27/09 13:16			03/03/09 11:21			03/04/09 13:09							
				Conc			Conc			Conc			Conc			Conc		
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	100.5	100	0.5	370.7	400	7.3	97.74	100	2.3						
alpha-BHC	15	1	0	96.9	100	3.1	426.4	400	6.6	96.26	100	3.7						
gamma-BHC	15	1	0	100.7	100	0.7	394.2	400	1.4	99.26	100	0.7						
beta-BHC	15	1	0	97.21	100	2.8	361.6	400	9.6	94.97	100	5.0						
Heptachlor	15	1	0	97.94	100	2.1	370.2	400	7.5	94.56	100	5.4						
delta-BHC	15	1	0	99.75	100	0.3	376.5	400	5.9	95.22	100	4.8						
Aldrin	15	1	0	102	100	2.0	377.6	400	5.6	99.86	100	0.1						
Heptachlor Epoxide	15	1	0	98.77	100	1.2	367.7	400	8.1	96.21	100	3.8						
y-chlordane	15	1	0	99.87	100	0.1	370.7	400	7.3	97.16	100	2.8						
a-chlordane	15	1	0	100.3	100	0.3	368.8	400	7.8	98.86	100	1.1						
Endosulfan I	15	1	0	100.6	100	0.6	372.8	400	6.8	97.5	100	2.5						
p,p'-DDE	15	1	0	100.9	100	0.8	375.7	400	6.1	98.9	100	1.1						
Dieldrin	15	1	0	101.2	100	1.2	376.5	400	5.9	99.64	100	0.4						
Endrin	15	1	0	101.3	100	1.3	361.5	400	9.6	97.67	100	2.3						
p,p'-DDD	15	1	0	100.7	100	0.7	392.4	400	1.9	102.1	100	2.1						
Endosulfan II	15	1	0	96.98	100	3.0	384.3	400	3.9	96.64	100	3.4						
p,p'-DDT	15	1	0	102.5	100	2.5	345.6	400	13.6	87.89	100	12.1						
Endrin Aldehyde	15	1	0	98.55	100	1.4	364.6	400	8.8	101.7	100	1.7						
Endosulfan Sulfate	15	1	0	97.85	100	2.2	361.5	400	9.6	99.97	100	0.0						
Methoxychlor	15	1	0	93.3	100	6.7	348.5	400	12.9	89.42	100	10.6						
Endrin Ketone	15	1	0	94.49	100	5.5	372	400	7.0	97.1	100	2.9						
DCB-Surrogate	15	1	0	94.32	100	5.7	352	400	12.0	94.57	100	5.4						
TCMX-Surrogate	15	2	0	99.14	100	0.9	372.5	400	6.9	96.71	100	3.3						
alpha-BHC	15	2	0	102.9	100	2.9	392.8	400	1.8	100.8	100	0.8						
gamma-BHC	15	2	0	95.91	100	4.1	387.8	400	3.1	92.68	100	7.3						
beta-BHC	15	2	0	102.3	100	2.3	370.0	400	7.5	98.88	100	1.1						
Heptachlor	15	2	0	100.2	100	0.2	364.4	400	8.9	94.57	100	5.4						
delta-BHC	15	2	0	103.5	100	3.5	388.9	400	2.8	98.87	100	1.1						
Aldrin	15	2	0	102.2	100	2.2	366.6	400	8.3	98.57	100	1.4						
Heptachlor Epoxide	15	2	0	99.09	100	0.9	359	400	10.3	96.57	100	3.4						
y-chlordane	15	2	0	100.6	100	0.6	366.2	400	8.5	97.16	100	2.8						
a-chlordane	15	2	0	99.97	100	0.0	366.2	400	8.5	96.6	100	3.4						
Endosulfan I	15	2	0	97.04	100	3.0	357.7	400	10.6	95.51	100	4.5						
p,p'-DDE	15	2	0	101.4	100	1.4	372.2	400	7.0	98.15	100	1.8						
Dieldrin	15	2	0	100.8	100	0.8	362	400	9.5	98.02	100	2.0						
Endrin	15	2	0	100.4	100	0.4	355.6	400	11.1	96.42	100	3.6						
p,p'-DDD	15	2	0	98.04	100	2.0	371.6	400	7.1	99.26	100	0.7						
Endosulfan II	15	2	0	98.42	100	1.6	345.5	400	13.6	96.18	100	3.8						
p,p'-DDT	15	2	0	104.9	100	4.9	346.7	400	13.3	89.55	100	10.5						
Endrin Aldehyde	15	2	0	102.7	100	2.7	367.7	400	8.1	100.5	100	0.5						
Endosulfan Sulfate	15	2	0	96.45	100	3.6	346	400	13.5	94.53	100	5.5						
Methoxychlor	15	2	0	101.7	100	1.7	369.8	400	7.6	91.01	100	9.0						
Endrin Ketone	15	2	0	96.54	100	3.5	352.9	400	11.8	96.51	100	3.5						
DCB-Surrogate	15	2	0	95.17	100	4.8	340.7	400	14.8	95.37	100	4.6						

Flags/Notes: **** - Values outside of limits for this column/run***

Form7

RtWindow Summary

Method: EPA 608

			Data File: 5G20482.D Calibration Name: CAL PEST@2PPB Calibration Date/Time 2/13/2009 3:57:00 PM		Data File: 5G20806.D Calibration Name: CAL PEST@100PPB Calibration Date/Time 2/27/2009 1:16:00 PM		Data File: 5G20896.D Calibration Name: CAL PEST@400PPB Calibration Date/Time 3/3/2009 11:21:00 AM		Data File: 5G20937.D Calibration Name: CAL PEST@100PPB Calibration Date/Time 3/4/2009 1:09:00 PM			
Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	6.11	(6.05 - 6.17)	6.11	(6.05 - 6.17)	6.11	(6.05 - 6.17)	6.10	(6.04 - 6.16)		
alpha-BHC	1	0	7.32	(7.28 - 7.36)	7.32	(7.28 - 7.36)	7.32	(7.28 - 7.36)	7.31	(7.27 - 7.35)		
gamma-BHC	1	0	7.84	(7.80 - 7.88)	7.83	(7.79 - 7.87)	7.83	(7.79 - 7.87)	7.83	(7.79 - 7.87)		
beta-BHC	1	0	8.69	(8.61 - 8.77)	8.69	(8.61 - 8.77)	8.69	(8.61 - 8.77)	8.68	(8.60 - 8.76)		
Heptachlor	1	0	8.15	(8.11 - 8.19)	8.15	(8.11 - 8.19)	8.15	(8.11 - 8.19)	8.14	(8.10 - 8.18)		
delta-BHC	1	0	9.02	(8.94 - 9.10)	9.01	(8.93 - 9.09)	9.01	(8.93 - 9.09)	9.01	(8.93 - 9.09)		
Aldrin	1	0	8.51	(8.43 - 8.59)	8.51	(8.43 - 8.59)	8.51	(8.43 - 8.59)	8.51	(8.43 - 8.59)		
Heptachlor Epoxide	1	0	9.30	(9.26 - 9.34)	9.30	(9.26 - 9.34)	9.30	(9.26 - 9.34)	9.29	(9.25 - 9.33)		
v-chlordane	1	0	9.68	(9.64 - 9.72)	9.68	(9.64 - 9.72)	9.68	(9.64 - 9.72)	9.67	(9.63 - 9.71)		
a-chlordane	1	0	9.75	(9.71 - 9.79)	9.74	(9.70 - 9.78)	9.74	(9.70 - 9.78)	9.74	(9.70 - 9.78)		
Endosulfan I	1	0	9.65	(9.61 - 9.69)	9.64	(9.60 - 9.68)	9.64	(9.60 - 9.68)	9.64	(9.60 - 9.68)		
p,p'-DDE	1	0	9.84	(9.76 - 9.92)	9.84	(9.76 - 9.92)	9.84	(9.76 - 9.92)	9.84	(9.76 - 9.92)		
Dieldrin	1	0	10.06	(9.98 - 10.14)	10.06	(9.98 - 10.14)	10.06	(9.98 - 10.14)	10.05	(9.97 - 10.13)		
Endrin	1	0	10.31	(10.27 - 10.35)	10.31	(10.27 - 10.35)	10.31	(10.27 - 10.35)	10.30	(10.26 - 10.34)		
p,p'-DDD	1	0	10.72	(10.64 - 10.80)	10.72	(10.64 - 10.80)	10.71	(10.63 - 10.79)	10.71	(10.63 - 10.79)		
Endosulfan II	1	0	10.83	(10.75 - 10.91)	10.82	(10.74 - 10.90)	10.82	(10.74 - 10.90)	10.82	(10.74 - 10.90)		
p,p'-DDT	1	0	10.93	(10.85 - 11.01)	10.93	(10.85 - 11.01)	10.93	(10.85 - 11.01)	10.92	(10.84 - 11.00)		
Endrin Aldehyde	1	0	11.27	(11.19 - 11.35)	11.27	(11.19 - 11.35)	11.26	(11.18 - 11.34)	11.26	(11.18 - 11.34)		
Endosulfan Sulfate	1	0	11.61	(11.57 - 11.65)	11.61	(11.57 - 11.65)	11.61	(11.57 - 11.65)	11.60	(11.56 - 11.64)		
Methoxychlor	1	0	11.58	(11.54 - 11.62)	11.57	(11.53 - 11.61)	11.57	(11.53 - 11.61)	11.57	(11.53 - 11.61)		
Endrin Ketone	1	0	12.10	(12.02 - 12.18)	12.09	(12.01 - 12.17)	12.09	(12.01 - 12.17)	12.08	(12.00 - 12.16)		
DCB-Surrogate	1	0	13.03	(12.97 - 13.09)	13.03	(12.97 - 13.09)	13.03	(12.97 - 13.09)	13.02	(12.96 - 13.08)		
Chlordane	1	1	8.15	(8.11 - 8.19)								
Chlordane	1	2	9.68	(9.64 - 9.72)								
Chlordane	1	3	9.75	(9.71 - 9.79)								
Toxaphene	1	1	10.81	(10.77 - 10.85)								
Toxaphene	1	2	10.99	(10.95 - 11.03)								
Toxaphene	1	3	11.17	(11.13 - 11.21)								
Toxaphene	1	4	11.60	(11.56 - 11.64)								
Toxaphene	1	5	11.67	(11.63 - 11.71)								
TCMX-Surrogate	2	0	6.13	(6.07 - 6.19)	6.13	(6.07 - 6.19)	6.12	(6.06 - 6.18)	6.13	(6.07 - 6.19)		
alpha-BHC	2	0	7.14	(7.10 - 7.18)	7.13	(7.09 - 7.17)	7.13	(7.09 - 7.17)	7.13	(7.09 - 7.17)		
gamma-BHC	2	0	7.68	(7.64 - 7.72)	7.67	(7.63 - 7.71)	7.67	(7.63 - 7.71)	7.67	(7.63 - 7.71)		
beta-BHC	2	0	7.77	(7.69 - 7.85)	7.77	(7.69 - 7.85)	7.77	(7.69 - 7.85)	7.77	(7.69 - 7.85)		
Heptachlor	2	0	8.11	(8.07 - 8.15)	8.11	(8.07 - 8.15)	8.11	(8.07 - 8.15)	8.11	(8.07 - 8.15)		
delta-BHC	2	0	8.26	(8.18 - 8.34)	8.25	(8.17 - 8.33)	8.25	(8.17 - 8.33)	8.25	(8.17 - 8.33)		
Aldrin	2	0	8.54	(8.46 - 8.62)	8.54	(8.46 - 8.62)	8.54	(8.46 - 8.62)	8.54	(8.46 - 8.62)		
Heptachlor Epoxide	2	0	9.25	(9.21 - 9.29)	9.24	(9.20 - 9.28)	9.24	(9.20 - 9.28)	9.24	(9.20 - 9.28)		
v-chlordane	2	0	9.45	(9.41 - 9.49)	9.44	(9.40 - 9.48)	9.44	(9.40 - 9.48)	9.44	(9.40 - 9.48)		
a-chlordane	2	0	9.64	(9.60 - 9.68)	9.64	(9.60 - 9.68)	9.64	(9.60 - 9.68)	9.64	(9.60 - 9.68)		
Endosulfan I	2	0	9.69	(9.65 - 9.73)	9.68	(9.64 - 9.72)	9.68	(9.64 - 9.72)	9.68	(9.64 - 9.72)		
p,p'-DDE	2	0	9.93	(9.85 - 10.01)	9.93	(9.85 - 10.01)	9.93	(9.85 - 10.01)	9.93	(9.85 - 10.01)		
Dieldrin	2	0	10.06	(9.98 - 10.14)	10.06	(9.98 - 10.14)	10.06	(9.98 - 10.14)	10.06	(9.98 - 10.14)		
Endrin	2	0	10.51	(10.47 - 10.55)	10.50	(10.46 - 10.54)	10.50	(10.46 - 10.54)	10.50	(10.46 - 10.54)		
p,p'-DDD	2	0	10.60	(10.52 - 10.68)	10.59	(10.51 - 10.67)	10.59	(10.51 - 10.67)	10.59	(10.51 - 10.67)		
Endosulfan II	2	0	10.72	(10.64 - 10.80)	10.71	(10.63 - 10.79)	10.71	(10.63 - 10.79)	10.71	(10.63 - 10.79)		
p,p'-DDT	2	0	10.95	(10.87 - 11.03)	10.95	(10.87 - 11.03)	10.95	(10.87 - 11.03)	10.95	(10.87 - 11.03)		
Endrin Aldehyde	2	0	11.10	(11.02 - 11.18)	11.09	(11.01 - 11.17)	11.09	(11.01 - 11.17)	11.09	(11.01 - 11.17)		
Endosulfan Sulfate	2	0	11.24	(11.20 - 11.28)	11.24	(11.20 - 11.28)	11.23	(11.19 - 11.27)	11.23	(11.19 - 11.27)		
Methoxychlor	2	0	11.95	(11.91 - 11.99)	11.95	(11.91 - 11.99)	11.94	(11.90 - 11.98)	11.94	(11.90 - 11.98)		
Endrin Ketone	2	0	12.16	(12.08 - 12.24)	12.16	(12.08 - 12.24)	12.15	(12.07 - 12.23)	12.15	(12.07 - 12.23)		
DCB-Surrogate	2	0	13.57	(13.51 - 13.63)	13.57	(13.51 - 13.63)	13.57	(13.51 - 13.63)	13.56	(13.50 - 13.62)		
Chlordane	2	1	8.11	(8.07 - 8.15)								
Chlordane	2	2	9.45	(9.41 - 9.49)								
Chlordane	2	3	9.64	(9.60 - 9.68)								
Toxaphene	2	1	10.53	(10.49 - 10.57)								
Toxaphene	2	2	10.75	(10.71 - 10.79)								
Toxaphene	2	3	10.99	(10.95 - 11.03)								
Toxaphene	2	4	11.70	(11.66 - 11.74)								
Toxaphene	2	5	11.77	(11.73 - 11.81)								

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20806.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:16
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 13:32:27 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.106	6.127	111.7E6	71227122	100.483	99.142
2)	alpha-BHC	7.319	7.134	156.8E6	121.8E6	96.904	102.855
3)	gamma-BHC	7.835	7.674	161.7E6	98829781	100.727	95.913
4)	beta-BHC	8.691	7.769	69920504	48487486	97.206	102.321
5)	Heptachlor	8.149	8.106	137.7E6	86503993	97.942	100.200
6)	delta-BHC	9.015	8.255	158.5E6	108.9E6	99.747	103.513
7)	Aldrin	8.512	8.539	148.2E6	96898178	101.969	102.187
8)	Heptachlor Epoxid	9.297	9.243	126.6E6	83242860	98.774	99.092
9)	y-chlordane	9.678	9.444	135.2E6	86627521	99.871m	100.568
10)	a-chlordane	9.744	9.640	130.5E6	82653820	100.253m	99.967
11)	Endosulfan I	9.644	9.685	118.4E6	76220221	100.578m	97.041
12)	p,p'-DDE	9.842	9.928	131.1E6	83513268	100.845	101.409
13)	Dieldrin	10.061	10.056	133.8E6	87310987	101.185	100.793
14)	Endrin	10.308	10.502	116.3E6	71893831	101.309	100.409
15)	p,p'-DDD	10.719	10.594	104.4E6	66861441	100.660m	98.043
16)	Endosulfan II	10.824	10.712	102.9E6	75113186	96.984	98.417
17)	p,p'-DDT	10.928	10.949	88203543	58476756	102.527	104.894
18)	Endrin Aldehyde	11.266	11.094	70796617	49935630	98.551	102.648
19)	Endosulfan Sulfat	11.608	11.237	95015510	63886746	97.845m	96.450
20)	Methoxychlor	11.574	11.946	37838193	26297989	93.301m	101.717
21)	Endrin Ketone	12.093	12.156	99355067	71895719	94.492	96.543
22)	DCB-Surrogate	13.031	13.569	92881211	56846415	94.316	95.168

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

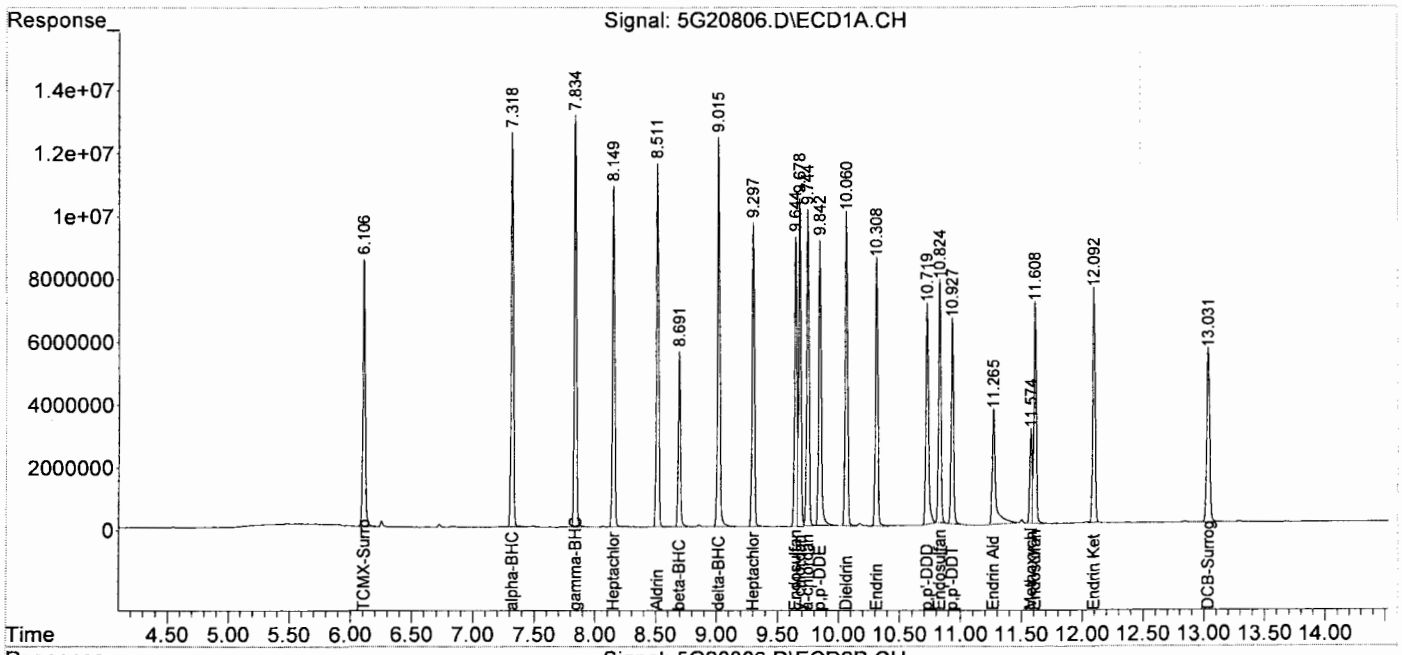
JP

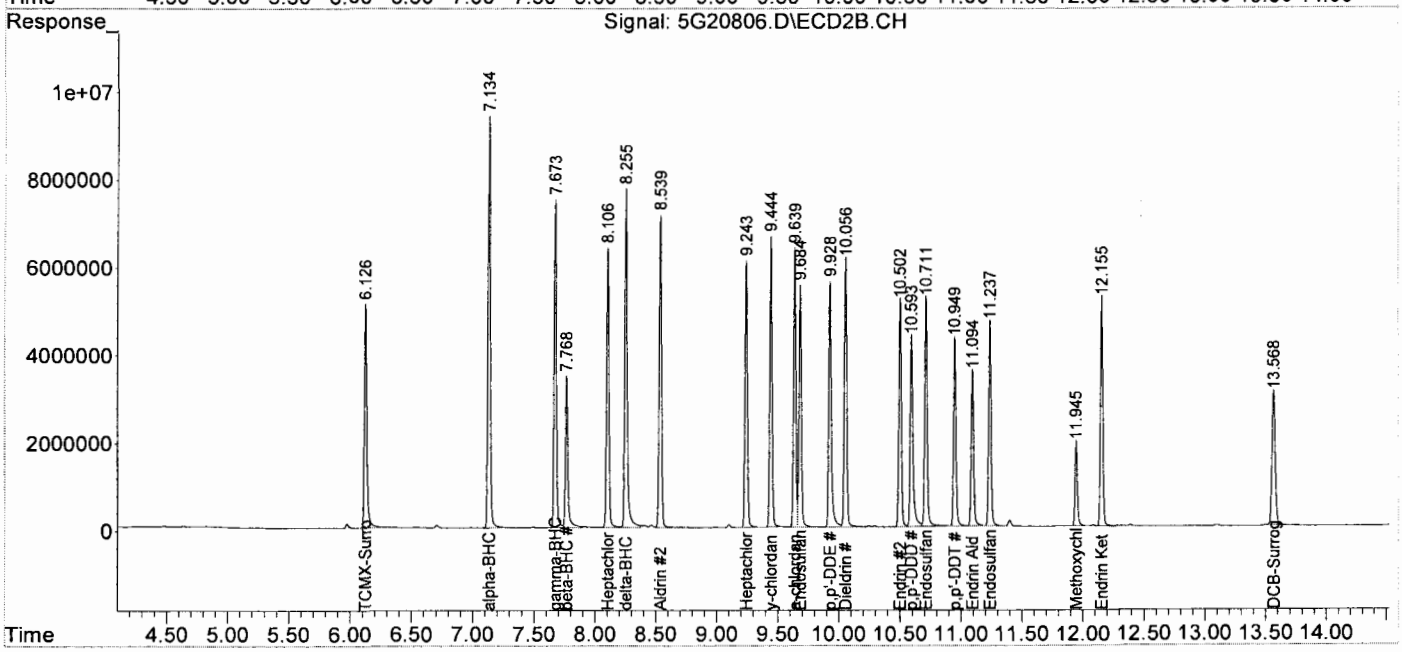
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20806.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:16
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 13:32:27 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-18-09\
Data File : 6G12555.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Feb 2009 8:09
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 18 08:27:33 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Wed Feb 18 08:26:13 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.696	3.734	2951846	2303871	170.341	193.480
2)alpha-BHC	4.685	4.488	4710724	3790734	182.916	208.530
3)gamma-BHC	5.155	4.956	4238036	3372048	187.021	221.661
4)beta-BHC	5.987	5.020	2092163	1862845	183.246	194.971
5)Heptachlor	5.425	5.365	4161330	3362956	184.130	214.412
6)delta-BHC	6.317	5.479	4030350	3389965	186.465	202.986
7)Aldrin	5.773	5.783	4144494	3316727	189.349	214.037
8)Heptachlor Epoxid	6.571	6.463	3523668	2997461	177.929	203.626
9)y-chlordane	6.958	6.665	4409365	3100458	182.621	200.758
10)a-chlordane	7.025	6.862	3974441	2744736	173.928	195.229
11)Endosulfan I	6.923	6.912	2734416	3227438	194.954	210.707
12)p,p'-DDE	7.112	7.145	3603641	2967714	190.902	212.004m
13)Dieldrin	7.360	7.291	3640901	2983765	188.353	216.300m
14)Endrin	7.617	7.755	3018897	2706188	178.242	228.164 #
15)p,p'-DDD	8.058	7.837	2740733	2189988	194.463	212.890
16)Endosulfan II	8.179	7.970	3187002	2646581	181.906	206.379
17)p,p'-DDT	8.268	8.214	2581984	2333799	187.565	212.185
18)Endrin Aldehyde	8.670	8.369	2228926	1834823	175.990	197.618
19)Endosulfan Sulfat	9.039	8.520	2893839	2227646	189.856	210.769
20)Methoxychlor	8.966	9.270	1605253	1293405	208.613	215.244m
21)Endrin Ketone	9.551	9.492	3229385	2665441	196.832	218.821
22)DCB-Surrogate	10.514	11.024	2783363	2795334	193.905	202.038

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

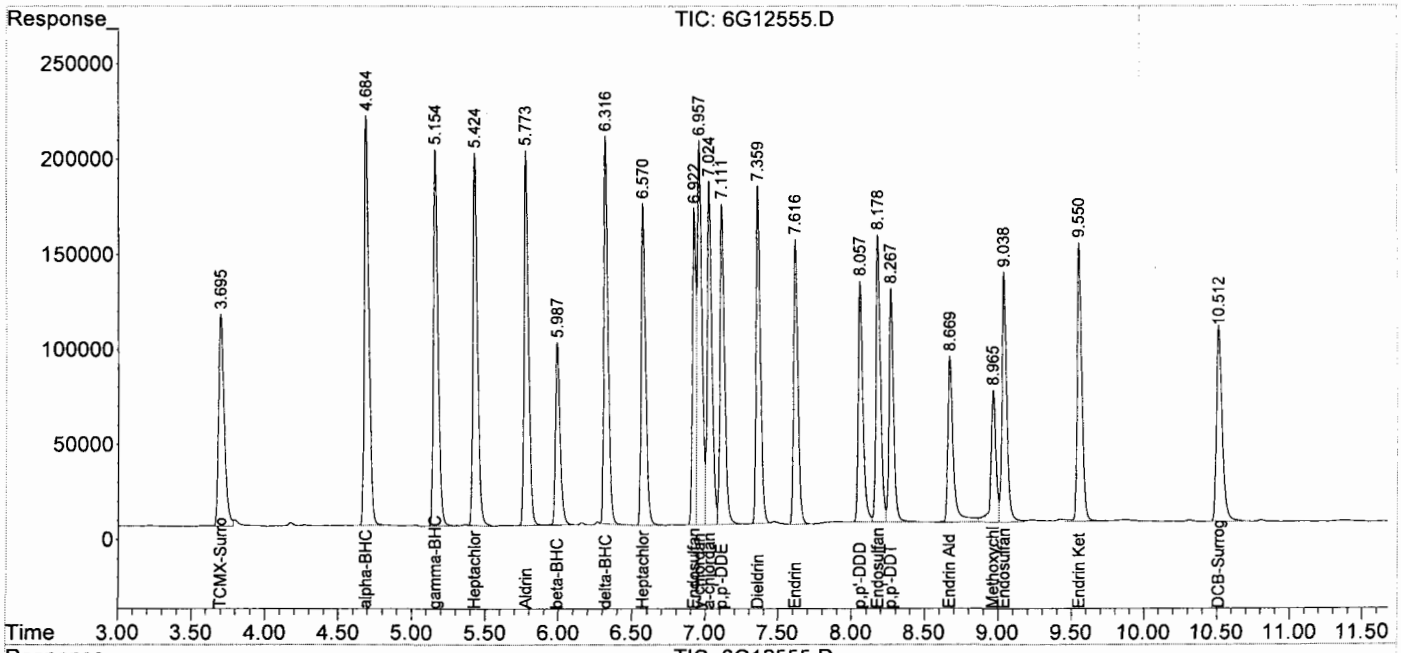
9P

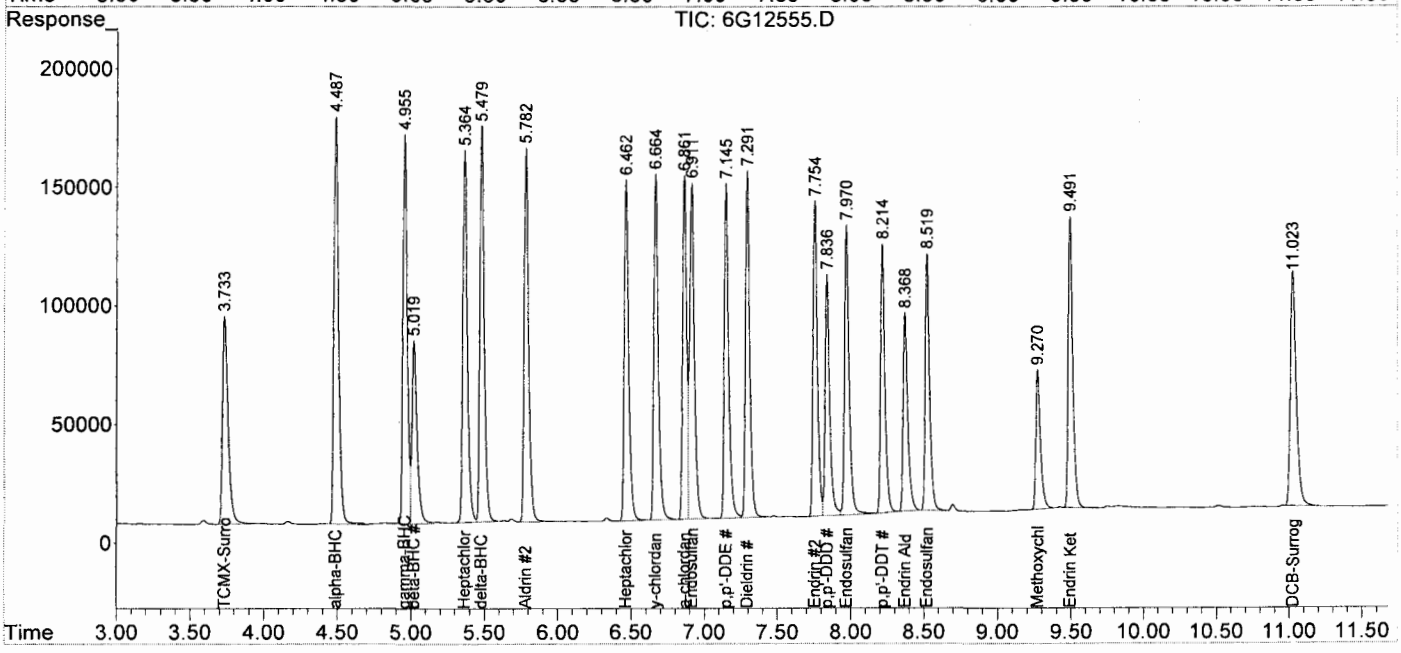
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-18-09\
Data File : 6G12555.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Feb 2009 8:09
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 18 08:27:33 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Wed Feb 18 08:26:13 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

0888

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12578.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 00:31
Operator : JP
Sample : CAL PEST@200PPB
Misc : A,PEST:0.25
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 07:25:06 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.697	3.735	3432699	2382714	198.090	200.101
2)alpha-BHC	4.687	4.489	5455911	3896135	211.851	214.034
3)gamma-BHC	5.158	4.957	5060622	3485381	223.321	229.111
4)beta-BHC	5.990	5.021	2492350	1977585	218.297	206.979
5)Heptachlor	5.428	5.366	4707175	3377801	208.282	215.359
6)delta-BHC	6.320	5.481	4720913	3430600	218.414	205.419
7)Aldrin	5.776	5.784	4771202	3482510	217.981	224.735
8)Heptachlor Epoxid	6.575	6.465	4300950	3131810	204.878	212.753
9)y-chlordane	6.962	6.667	5223199	3317883	216.327	214.836
10)a-chlordane	7.029	6.864	4737393	2957846	207.316	210.387
11)Endosulfan I	6.927	6.914	3120699	3370415	222.494	220.041
12)p,p'-DDE	7.116	7.148	4332490	3090609	229.513	220.783
13)Dieldrin	7.363	7.295	4298289	3102722	222.362	224.923
14)Endrin	7.621	7.756	3792843	2605064	223.937	219.638
15)p,p'-DDD	8.063	7.840	3171502	2255098	225.027	218.737
16)Endosulfan II	8.183	7.973	3767135	2773713	215.019	216.293
17)p,p'-DDT	8.273	8.218	3056475	2404343	219.064	218.137
18)Endrin Aldehyde	8.675	8.373	2692231	1986883	212.571	213.995
19)Endosulfan Sulfat	9.044	8.523	3309097	2366041	217.099	223.863
20)Methoxychlor	8.975	9.277	1573041	1233660	204.427	205.301
21)Endrin Ketone	9.558	9.496	3599388	2559140	219.384	210.094
22)DCB-Surrogate	10.522	11.029	3194777	2909627	222.567	210.299

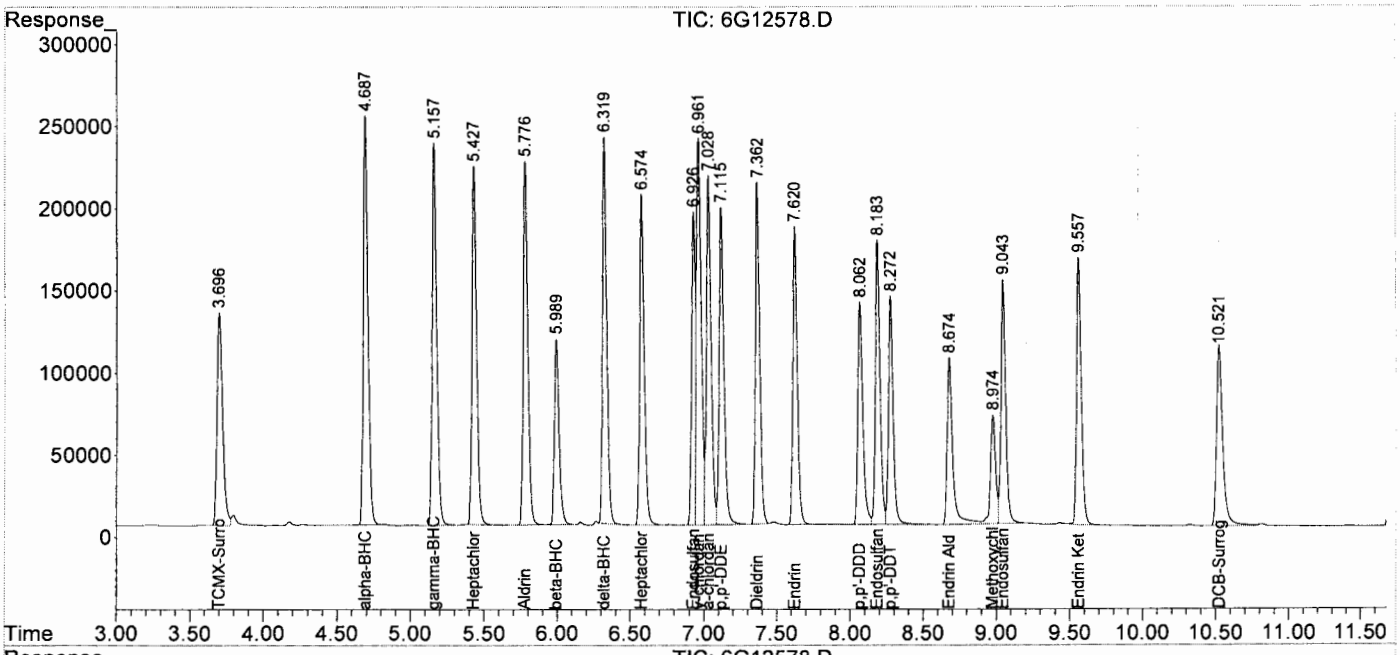
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

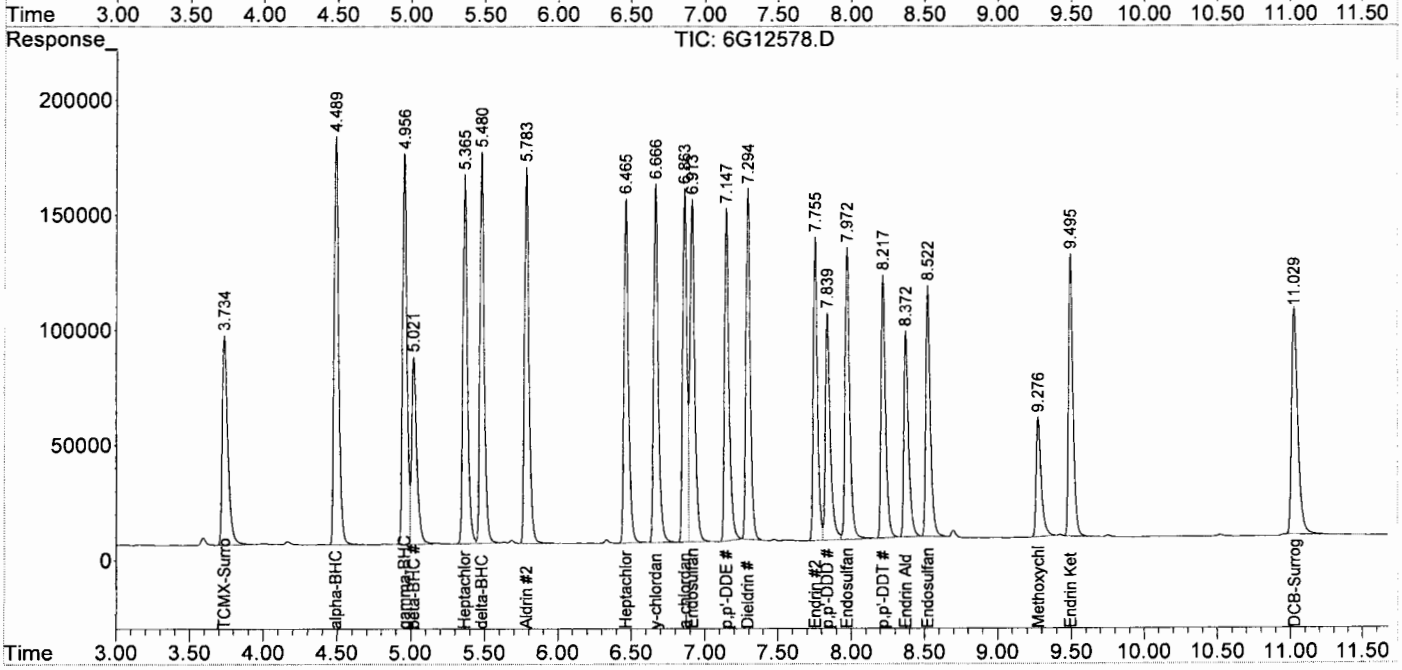
JP

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12578.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 00:31
Operator : JP
Sample : CAL PEST@200PPB
Misc : A,PEST:0.25
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 07:25:06 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

0890

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12818.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:29
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 13:45:49 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 13:44:42 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.691	3.724	1094916	717950	51.123	54.237
2)alpha-BHC	4.682	4.481	1567859	1009340	50.484	51.014
3)gamma-BHC	5.153	4.950	1393190	946353	50.846	56.582
4)beta-BHC	5.986	5.015	781742	553902	56.814	54.201
5)Heptachlor	5.425	5.360	1421907	922822	54.641	55.336
6)delta-BHC	6.316	5.475	1379680	949012	49.768	51.335
7)Aldrin	5.774	5.779	1403939	901267	53.577	53.806
8)Heptachlor Epoxid	6.572	6.462	1275430	838696	51.429	52.828
9)y-chlordane	6.960	6.664	1495663	864766	51.468	51.835
10)a-chlordane	7.026	6.861	1391273	805659	51.104	51.934
11)Endosulfan I	6.924	6.911	974011	868668	51.886	52.973
12)p,p'-DDE	7.113	7.146	1193504	792868	52.115	53.160
13)Dieldrin	7.360	7.292	1140891	777926	48.974	51.753
14)Endrin	7.618	7.754	1088112	720335	54.342	56.937
15)p,p'-DDD	8.059	7.838	817220	576194	47.004	48.596
16)Endosulfan II	8.180	7.971	1052050	725683	50.281	51.671
17)p,p'-DDT	8.270	8.216	801566	610204	51.090	55.984
18)Endrin Aldehyde	8.670	8.371	646042	452136	47.031	50.036
19)Endosulfan Sulfat	9.039	8.521	946680	627047	52.332	52.611
20)Methoxychlor	8.971	9.276	458320	348063	51.915	54.900m
21)Endrin Ketone	9.551	9.495	986988	727314	49.698m	53.944
22)DCB-Surrogate	10.521	11.031	958359	925589	54.432	55.894

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

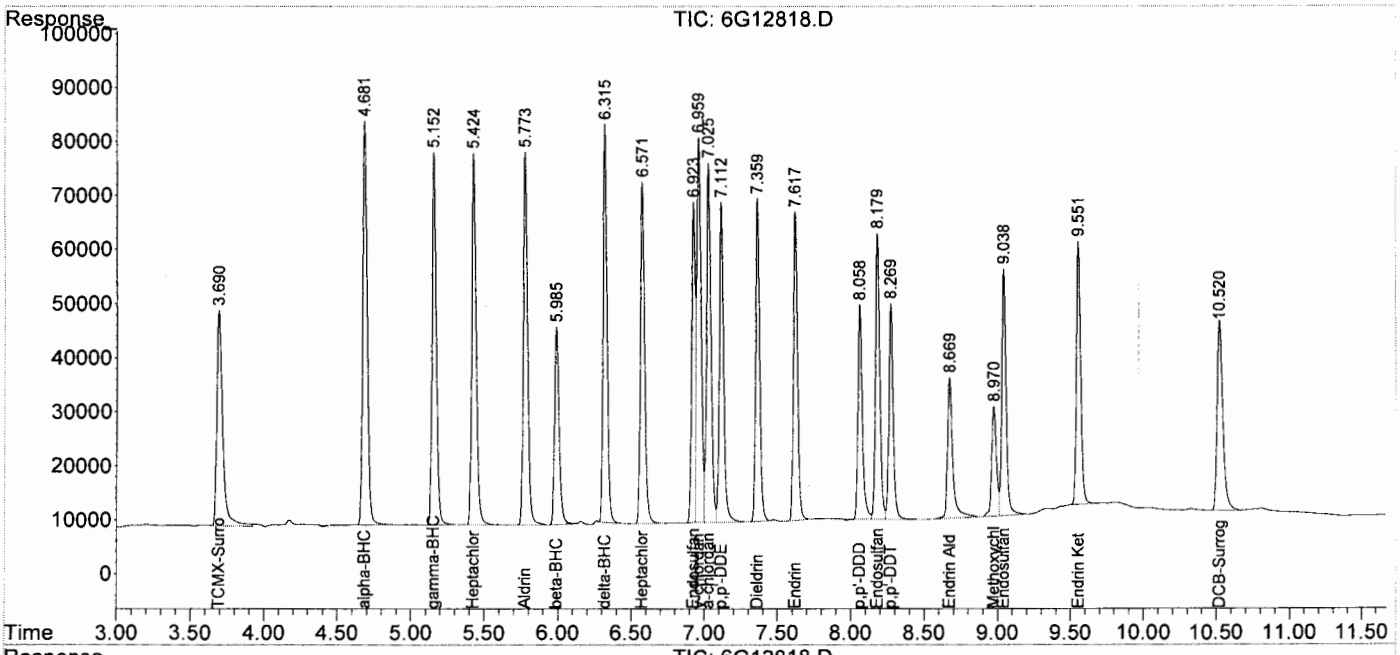
JP

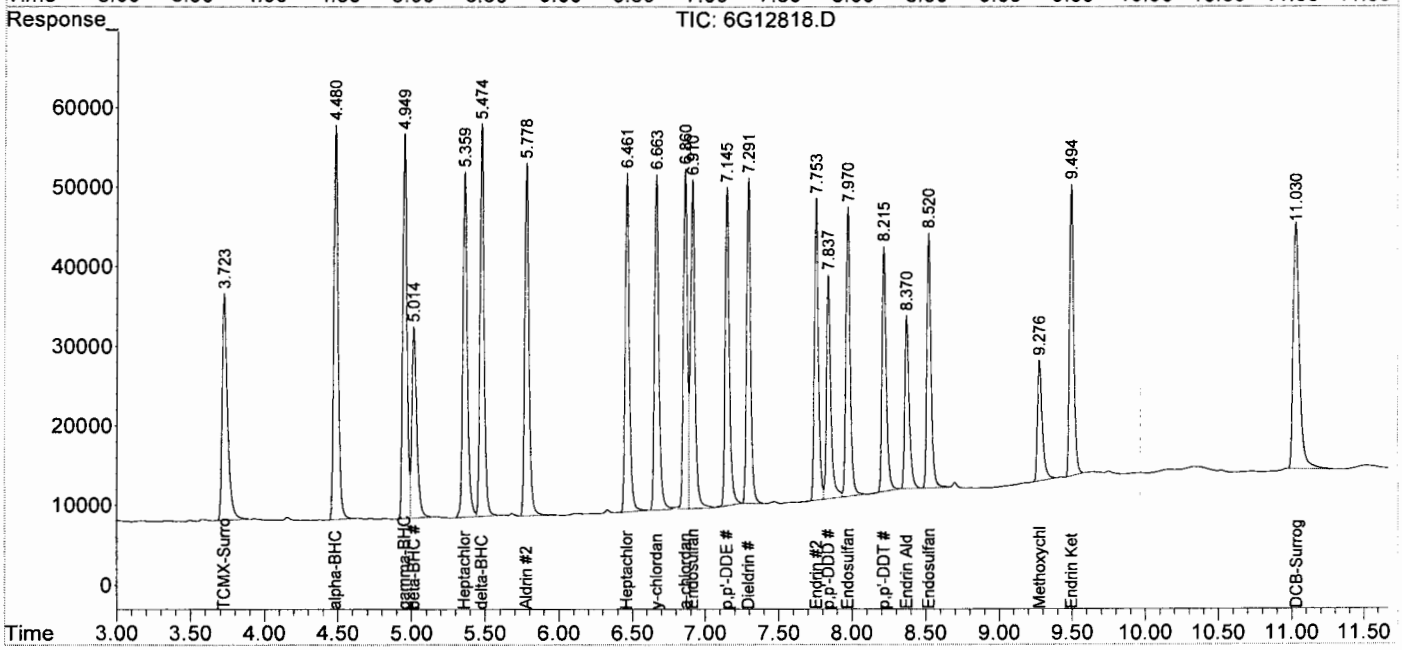
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-27-09\
Data File : 6G12818.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:29
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 13:45:49 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0227.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Fri Feb 27 13:44:42 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20806.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:16
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:32:27 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.106	6.127	111.7E6	71227122	100.483	99.142
2)alpha-BHC	7.319	7.134	156.8E6	121.8E6	96.904	102.855
3)gamma-BHC	7.835	7.674	161.7E6	98829781	100.727	95.913
4)beta-BHC	8.691	7.769	69920504	48487486	97.206	102.321
5)Heptachlor	8.149	8.106	137.7E6	86503993	97.942	100.200
6)delta-BHC	9.015	8.255	158.5E6	108.9E6	99.747	103.513
7)Aldrin	8.512	8.539	148.2E6	96898178	101.969	102.187
8)Heptachlor Epoxid	9.297	9.243	126.6E6	83242860	98.774	99.092
9)y-chlordane	9.678	9.444	135.2E6	86627521	99.871m	100.568
10)a-chlordane	9.744	9.640	130.5E6	82653820	100.253m	99.967
11)Endosulfan I	9.644	9.685	118.4E6	76220221	100.578m	97.041
12)p,p'-DDE	9.842	9.928	131.1E6	83513268	100.845	101.409
13)Dieldrin	10.061	10.056	133.8E6	87310987	101.185	100.793
14)Endrin	10.308	10.502	116.3E6	71893831	101.309	100.409
15)p,p'-DDD	10.719	10.594	104.4E6	66861441	100.660m	98.043
16)Endosulfan II	10.824	10.712	102.9E6	75113186	96.984	98.417
17)p,p'-DDT	10.928	10.949	88203543	58476756	102.527	104.894
18)Endrin Aldehyde	11.266	11.094	70796617	49935630	98.551	102.648
19)Endosulfan Sulfat	11.608	11.237	95015510	63886746	97.845m	96.450
20)Methoxychlor	11.574	11.946	37838193	26297989	93.301m	101.717
21)Endrin Ketone	12.093	12.156	99355067	71895719	94.492	96.543
22)DCB-Surrogate	13.031	13.569	92881211	56846415	94.316	95.168

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

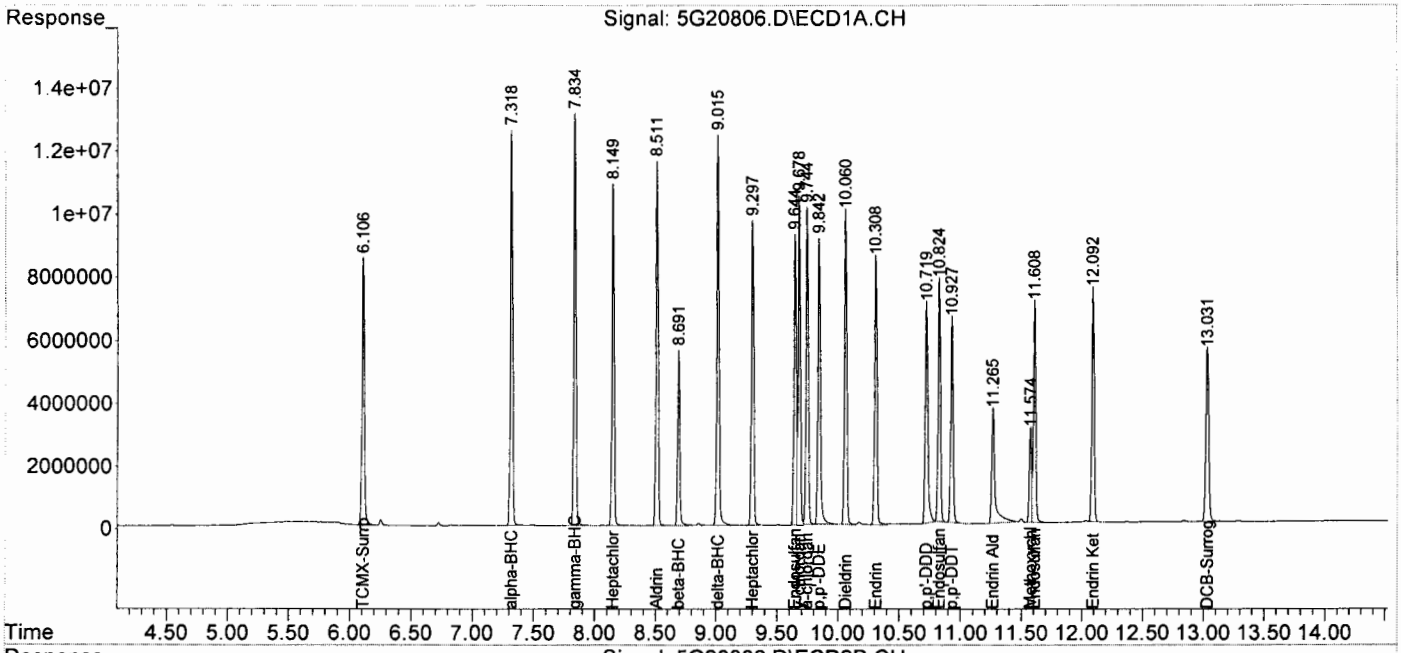
MS

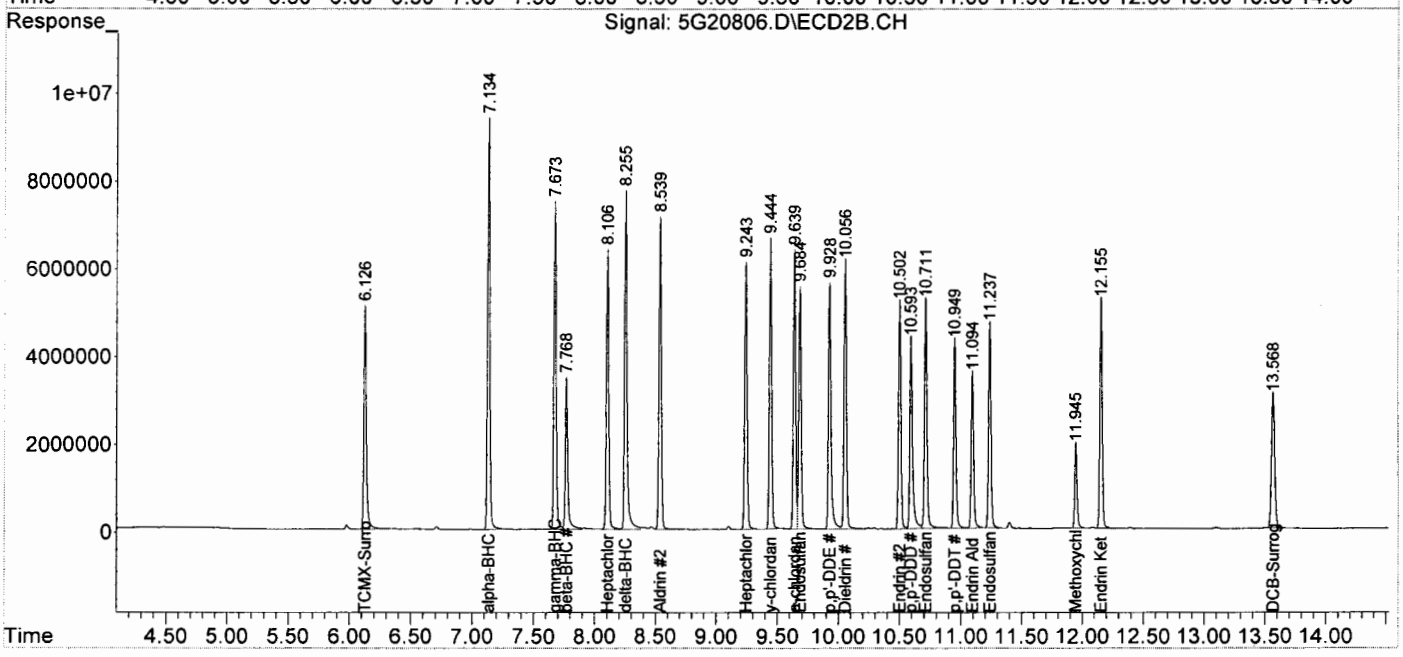
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20806.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:16
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:32:27 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

0894

Data Path : G:\Gcdata\2009\GC_5\Data\03-0309\
Data File : 5G20896.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Mar 2009 11:21
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST:0.125
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 03 12:43:07 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Mar 03 11:18:49 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

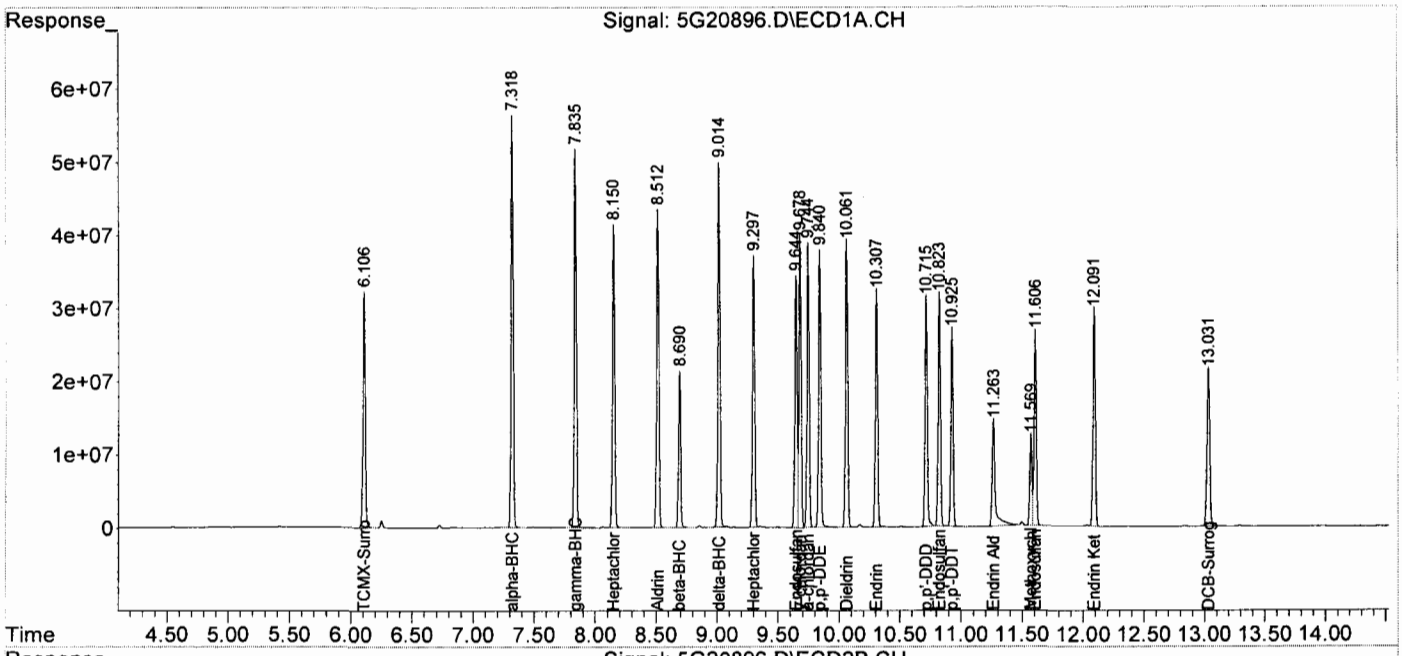
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.106	6.124	411.9E6	267.6E6	370.718	372.510
2)alpha-BHC	7.318	7.133	690.0E6	465.3E6	426.396m	392.812
3)gamma-BHC	7.835	7.672	633.0E6	399.6E6	394.207	387.803
4)beta-BHC	8.690	7.765	260.1E6	175.3E6	361.583	370.033
5)Heptachlor	8.150	8.106	520.2E6	314.6E6	370.163	364.362
6)delta-BHC	9.014	8.252	598.2E6	409.3E6	376.456	388.889
7)Aldrin	8.513	8.538	548.9E6	347.6E6	377.605	366.603
8)Heptachlor Epoxid	9.298	9.243	471.5E6	301.6E6	367.727	358.979
9)y-chlordane	9.678	9.444	501.8E6	315.4E6	370.724m	366.190
10)a-chlordane	9.744	9.639	480.2E6	302.8E6	368.766m	366.179
11)Endosulfan I	9.644	9.684	438.7E6	280.9E6	372.792m	357.666
12)p,p'-DDE	9.840	9.925	488.3E6	306.5E6	375.700	372.181
13)Dieldrin	10.061	10.055	497.9E6	313.5E6	376.504	361.948
14)Endrin	10.307	10.502	414.9E6	254.6E6	361.508	355.564
15)p,p'-DDD	10.715	10.590	407.0E6	253.4E6	392.365m	371.596
16)Endosulfan II	10.823	10.712	407.7E6	263.7E6	384.251	345.486
17)p,p'-DDT	10.925	10.947	338.5E6	217.7E6	345.641	346.699
18)Endrin Aldehyde	11.264	11.092	261.9E6	182.8E6	364.621	367.743
19)Endosulfan Sulfat	11.606	11.235	351.0E6	229.2E6	361.473m	346.001
20)Methoxychlor	11.569	11.943	159.4E6	95600298	348.494m	369.769
21)Endrin Ketone	12.091	12.154	391.1E6	262.8E6	372.004	352.927
22)DCB-Surrogate	13.031	13.567	346.7E6	203.5E6	352.004	340.666m

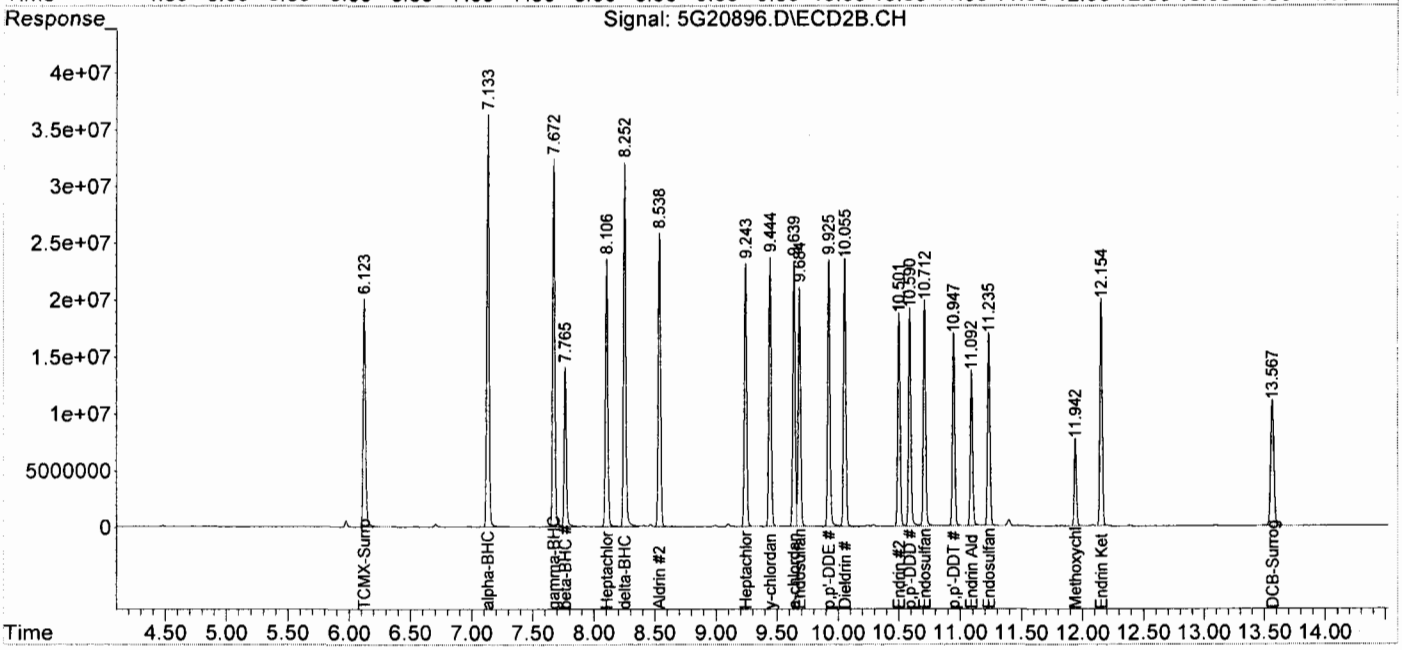
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\03-0309\
Data File : 5G20896.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Mar 2009 11:21
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST:0.125
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 03 12:43:07 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Mar 03 11:18:49 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\03-04-09\
Data File : 5G20937.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Mar 2009 13:09
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 04 14:27:43 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.102	6.128	108.6E6	69478313	97.742	96.708
2)alpha-BHC	7.312	7.135	155.8E6	119.4E6	96.259	100.826
3)gamma-BHC	7.829	7.674	159.4E6	95493868	99.255	92.676
4)beta-BHC	8.684	7.768	68311341	46858848	94.969	98.884
5)Heptachlor	8.143	8.106	132.9E6	81640106	94.562	94.566
6)delta-BHC	9.008	8.255	151.3E6	104.0E6	95.217	98.866
7)Aldrin	8.506	8.538	145.2E6	93466009	99.861	98.567
8)Heptachlor Epoxid	9.291	9.242	123.3E6	81124647	96.206	96.571
9)y-chlordane	9.672	9.443	131.5E6	83692215	97.162m	97.161
10)a-chlordane	9.738	9.639	128.7E6	79870366	98.864m	96.601
11)Endosulfan I	9.638	9.683	114.7E6	75021433	97.498m	95.515
12)p,p'-DDE	9.836	9.927	128.5E6	80831949	98.896	98.153
13)Dieldrin	10.055	10.055	131.8E6	84912817	99.641	98.024
14)Endrin	10.301	10.500	112.1E6	69035347	97.672	96.417
15)p,p'-DDD	10.712	10.592	106.0E6	67692482	102.134	99.261
16)Endosulfan II	10.817	10.710	102.5E6	73404674	96.638	96.178
17)p,p'-DDT	10.921	10.948	74977660	49524579	87.887	89.553
18)Endrin Aldehyde	11.258	11.092	73024999	48887212	101.653m	100.511
19)Endosulfan Sulfat	11.601	11.235	97079251	62615241	99.970m	94.530
20)Methoxychlor	11.567	11.943	36191904	23529985	89.420m	91.011
21)Endrin Ketone	12.085	12.152	102.1E6	71870766	97.095	96.510
22)DCB-Surrogate	13.024	13.564	93129074	56968372	94.567	95.372m

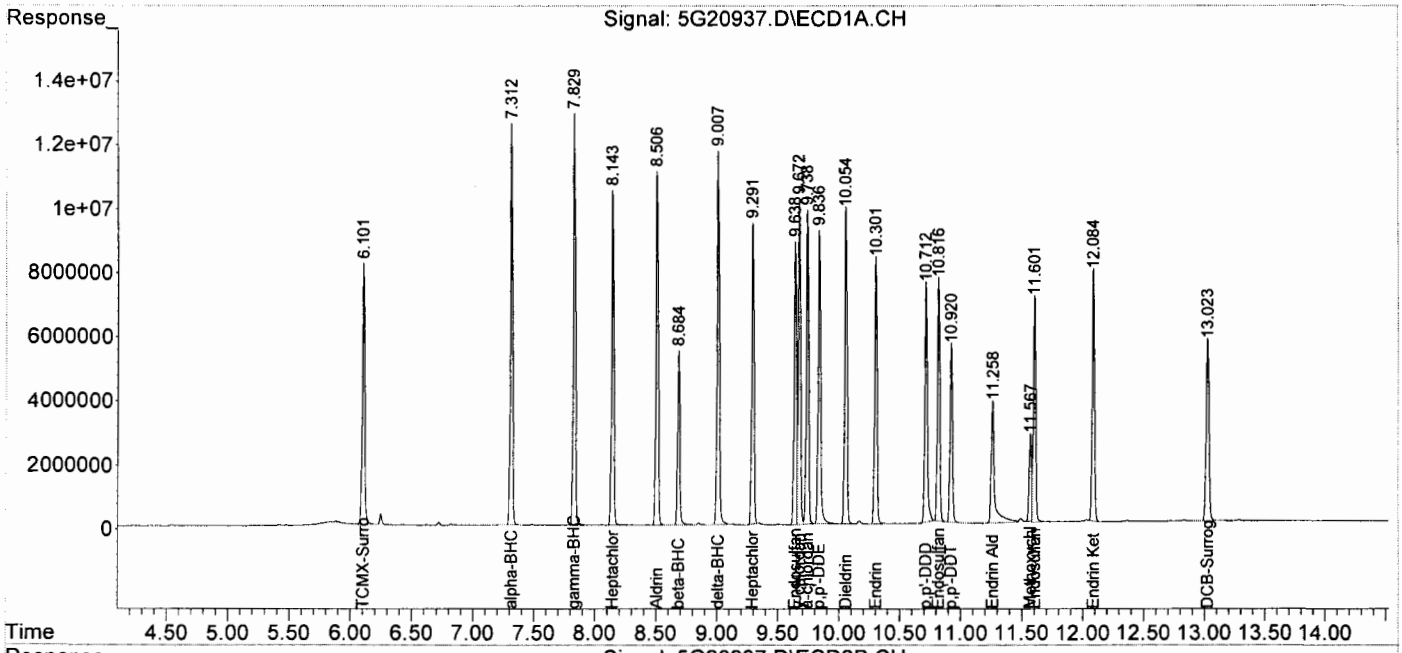
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

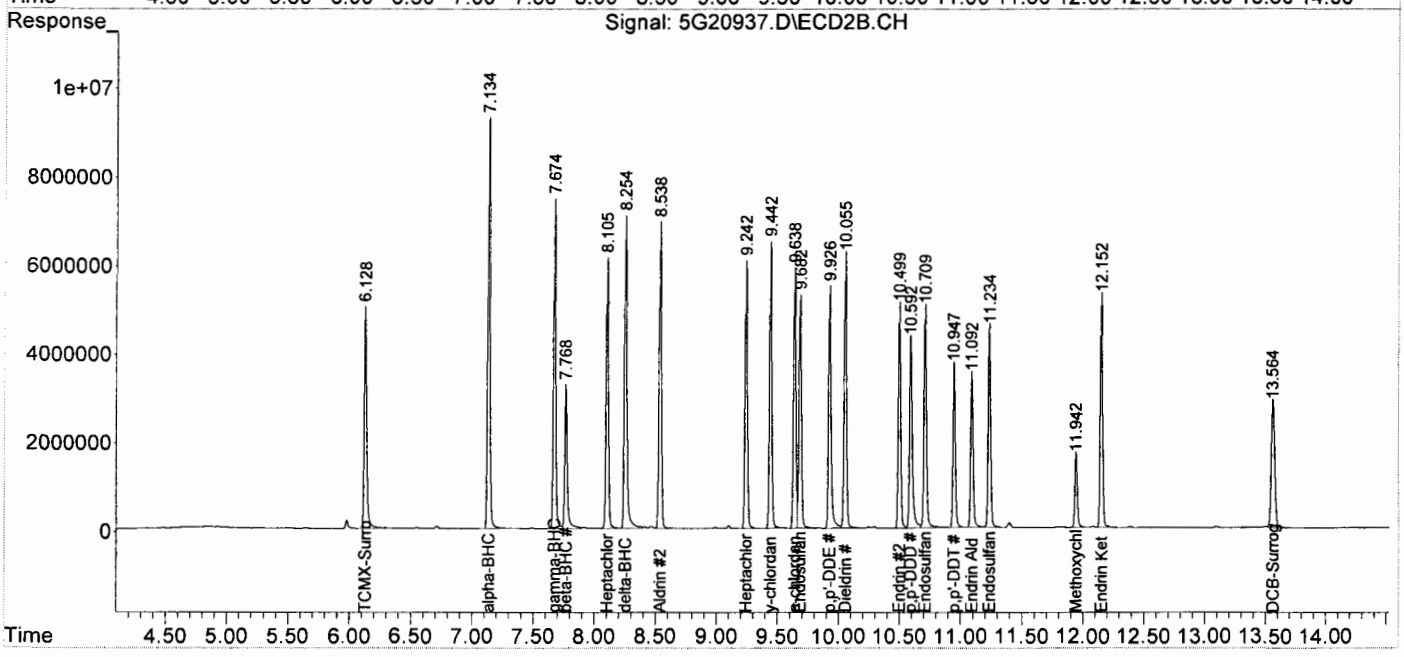
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\03-04-09\
Data File : 5G20937.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Mar 2009 13:09
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 04 14:27:43 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





GC Pesticide Data
Raw QC Data

Form1

ORGANICS PESTICIDE REPORT

Sample Number: WMB3486
Client Id:
Data File: 5G20807.D
Analysis Date: 02/27/09 13:34
Date Rec/Extracted: NA-02/26/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 110485

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

0900

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20807.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:34
Operator : JP
Sample : WMB3486
Misc : A,PEST
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:01:44 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.103	6.128	117.5E6	77697485	105.761m	108.148m
22)	DCB-Surrogate	13.029	13.568	81660044	50722628	82.921m	84.916m

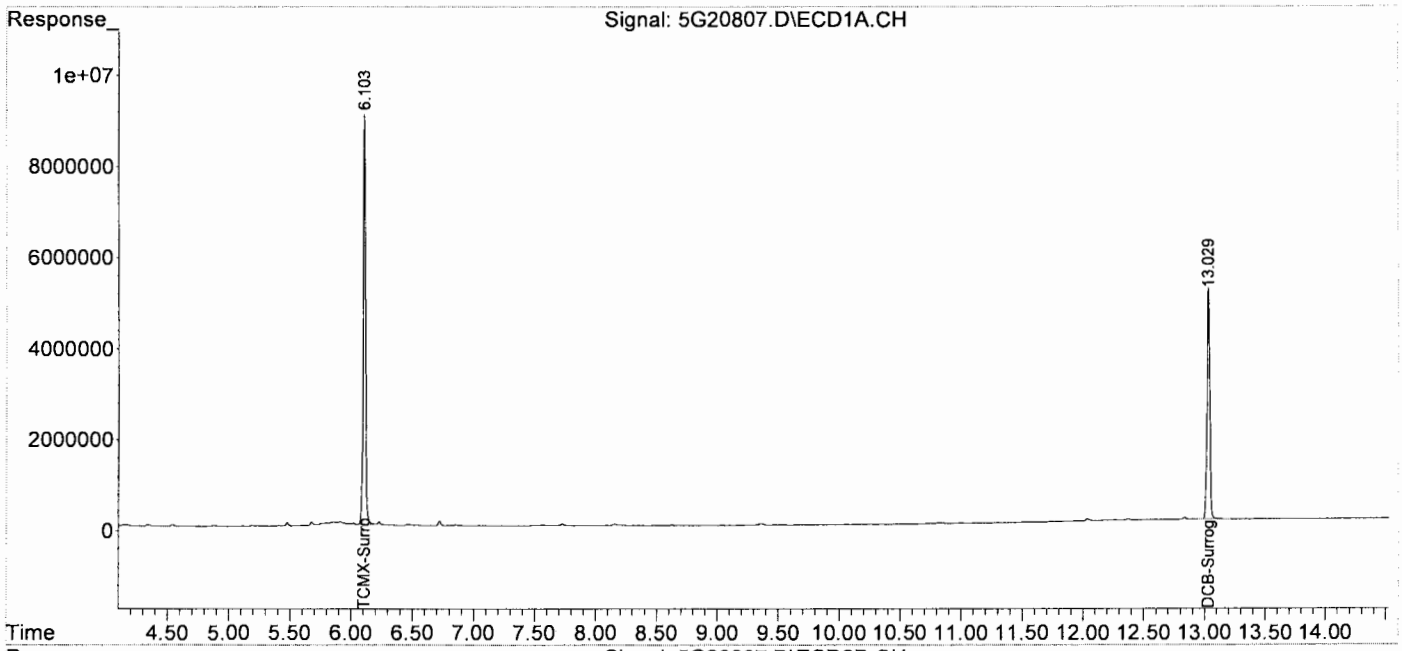
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

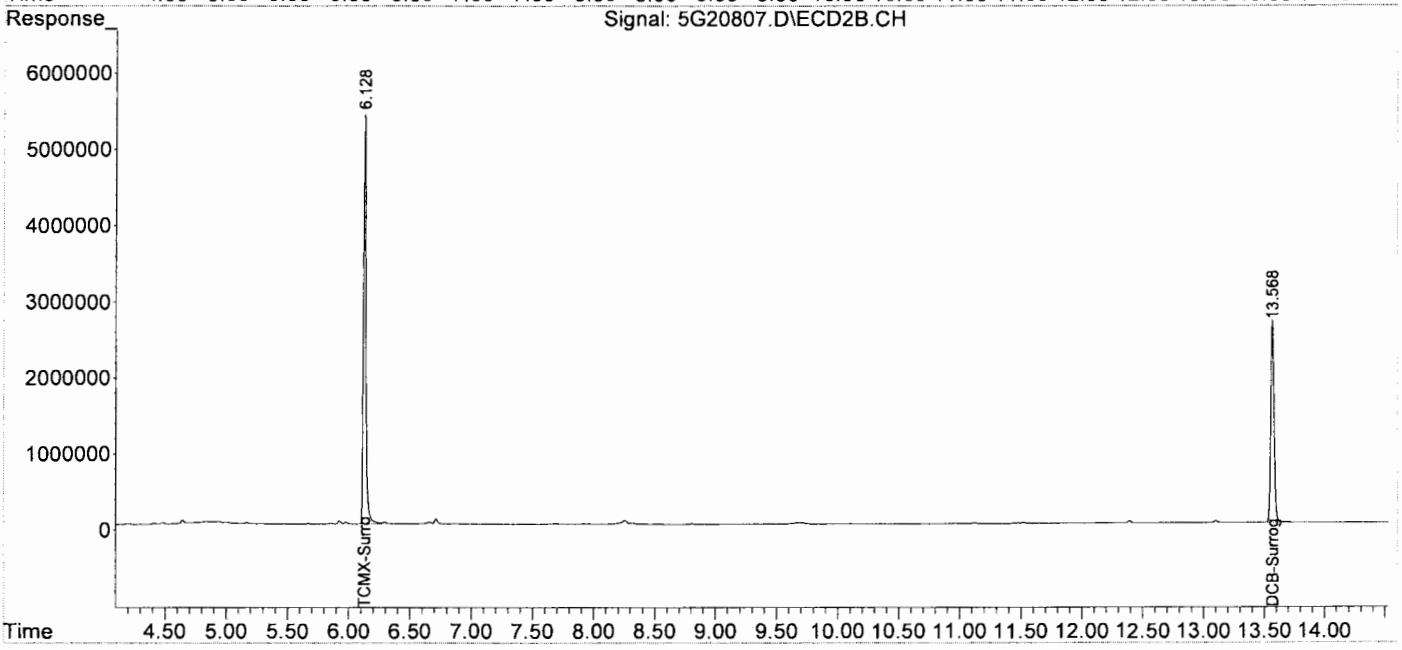
SP

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20807.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:34
Operator : JP
Sample : WMB3486
Misc : A,PEST
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:01:44 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: WMB3488
Client Id:
Data File: 5G20897.D
Analysis Date: 03/03/09 11:45
Date Rec/Extracted: NA-03/02/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 608
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 111421

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

0903

Data Path : G:\Gcdata\2009\GC_5\Data\03-0309\
Data File : 5G20897.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Mar 2009 11:45
Operator : JP
Sample : WMB3488
Misc : A,PEST
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 03 13:26:06 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Mar 03 11:18:49 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

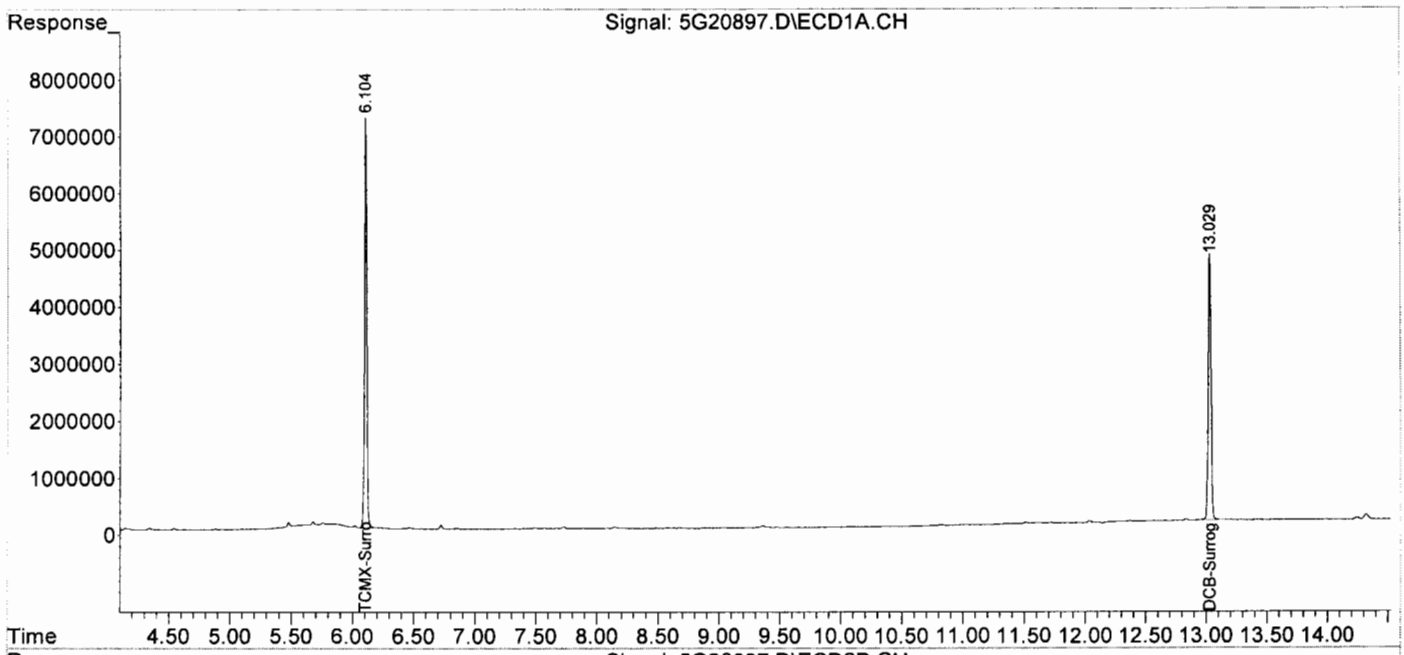
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.105	6.126	91258877	57641632	82.126	80.232
22)	DCB-Surrogate	13.029	13.567	76478484	44788479	77.660	74.981

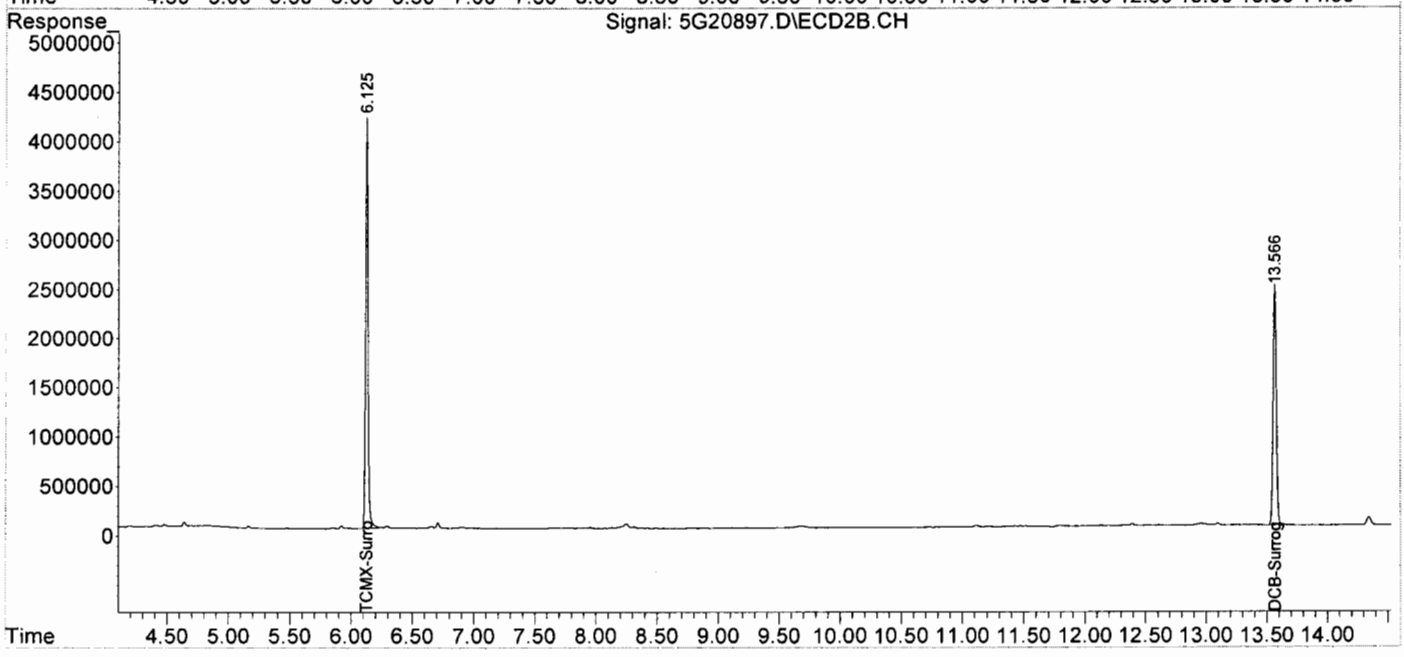
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\03-0309\
Data File : 5G20897.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Mar 2009 11:45
Operator : JP
Sample : WMB3488
Misc : A,PEST
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 03 13:26:06 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Mar 03 11:18:49 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





FORM 3

Spike Recovery

Batch Number: WMB3476
Mbs Name: WMB3476(MS)
Ns Name: AC42612-001(T)
Ms Name: AC42612-001(T)(M
Msd Name: AC42612-001(T)(M

Mbs File: 6G12579.D
Non Spk'd File: 6G12567.D
Spike File: 6G12580.D
Spike Dup File: 6G12581.D
Matrix: Aqueous
Method: EPA 608

Mbs Date: 02/19/09 00:47
Non Spk'd Date: 02/18/09 11:28
Spike Date : 02/19/09 01:02
Spike Dup Date: 02/19/09 01:17

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	37	134	23	107.65	0.00	103.02	96.81	108	103	97	6.2
gamma-BHC	3	1	0	100	32	127	23	114.44	0.00	110.51	102.79	114	111	103	7.2
beta-BHC	4	1	0	100	17	147	27	119.02	0.00	119.38	111.77	119	119	112	6.6
Heptachlor	5	1	0	100	34	111	21	108.98	0.00	107.21	100.79	109	107	101	6.2
delta-BHC	6	1	0	100	19	140	24	99.88	0.00	99.40	92.91	100	99	93	6.7
Aldrin	7	1	0	100	42	122	23	113.56	0.00	109.85	103.29	114	110	103	6.2
Heptachlor Epoxide	8	1	0	100	37	142	17	112.22	0.00	110.52	103.53	112	111	104	6.5
Endosulfan I	11	1	0	100	45	153	30	123.95	0.00	121.87	114.56	124	122	115	6.2
p,p'-DDE	12	1	0	100	30	145	18	119.01	0.00	117.15	109.56	119	117	110	6.7
Dieldrin	13	1	0	100	36	146	26	117.28	0.00	115.98	107.43	117	116	107	7.7
Endrin	14	1	0	100	30	147	20	119.34	0.00	118.26	111.57	119	118	112	5.8
p,p'-DDD	15	1	0	100	31	141	21	120.49	0.00	120.00	110.91	120	120	111	7.9
Endosulfan II	16	1	0	100	0	202	20	116.75	0.00	115.21	108.65	117	115	109	5.9
p,p'-DDT	17	1	0	100	25	160	22	117.22	0.00	117.74	109.58	117	118	110	7.2
Endosulfan Sulfate	19	1	0	100	26	144	26	110.79	0.00	110.08	107.35	111	110	107	2.5

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (QT Reviewed)

0906

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12579.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 00:47
Operator : JP
Sample : WMB3476(MS)
Misc : A,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:52:23 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.696	3.735	1666629	1089709	96.176	91.514
2)alpha-BHC	4.687	4.490	2772492	1891668	107.655	106.770
3)gamma-BHC	5.156	4.958	2593265	1740526	114.439m	114.413
4)beta-BHC	5.990	5.022	1358909	1014613	119.023	106.192
5)Heptachlor	5.427	5.365	2462861	1738865	108.976	110.865m
6)delta-BHC	6.319	5.481	2158803	1515318	99.878	90.735m
7)Aldrin	5.775	5.784	2485661	1749924	113.562	112.927
8)Heptachlor Epoxid	6.574	6.466	2355698	1648294	112.215	111.974
9)y-chlordane	6.961	6.667	2813922	1723143	116.543	111.575
10)a-chlordane	7.028	6.865	2550878	1600978	111.631	113.875
11)Endosulfan I	6.926	6.915	1738512	1748662	123.949	114.163
12)p,p'-DDE	7.115	7.149	2246628	1567593	119.015	111.984
13)Dieldrin	7.362	7.295	2266953	1590465	117.275	115.296
14)Endrin	7.620	7.757	2021280	1338494	119.340	112.851
15)p,p'-DDD	8.062	7.841	1698232	1167168	120.494	117.690
16)Endosulfan II	8.183	7.973	2045404	1460406	116.747	113.882
17)p,p'-DDT	8.272	8.219	1564819	1212048	117.224	114.175
18)Endrin Aldehyde	8.674	8.374	1549074	1148505	122.311	123.699
19)Endosulfan Sulfat	9.043	8.523	1688665	1161331	110.788	109.879
20)Methoxychlor	8.974	9.276	889042	670029	115.537	111.504m
21)Endrin Ketone	9.556	9.496	1975926	1388972	120.433	114.029
22)DCB-Surrogate	10.520	11.031	1569929	1500047	109.370	108.419

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

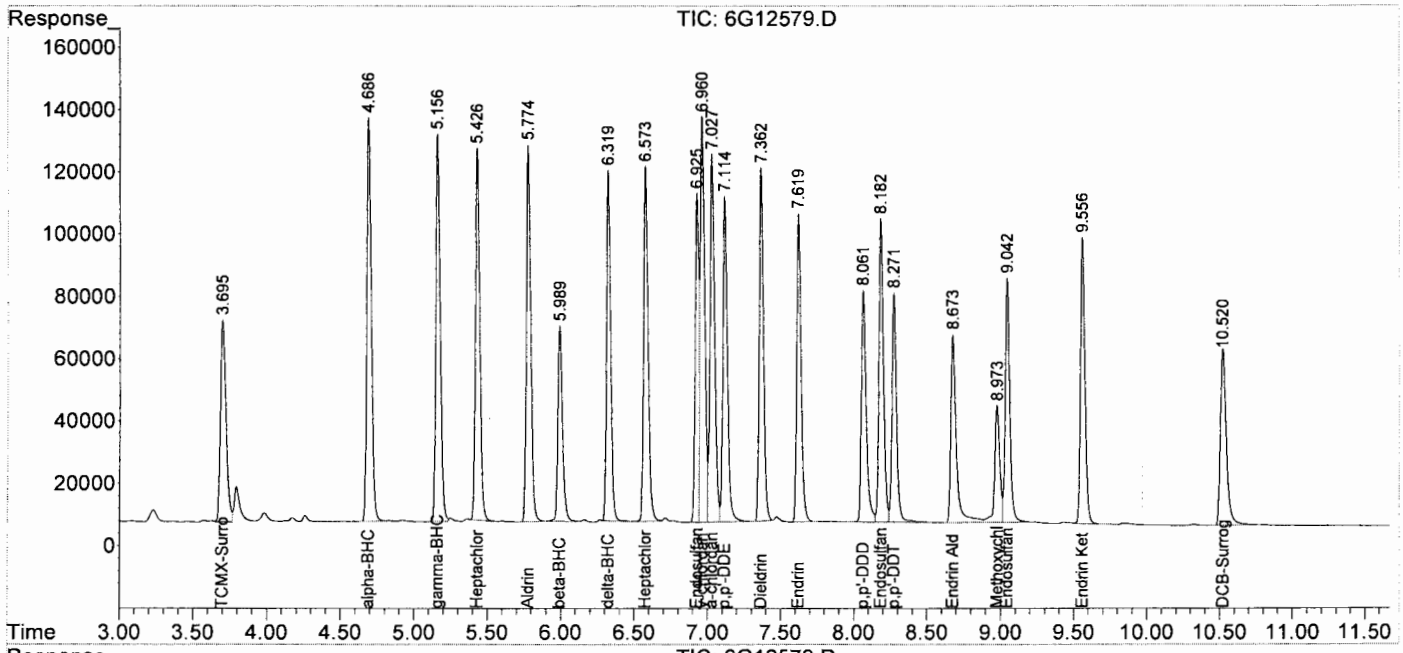
JP

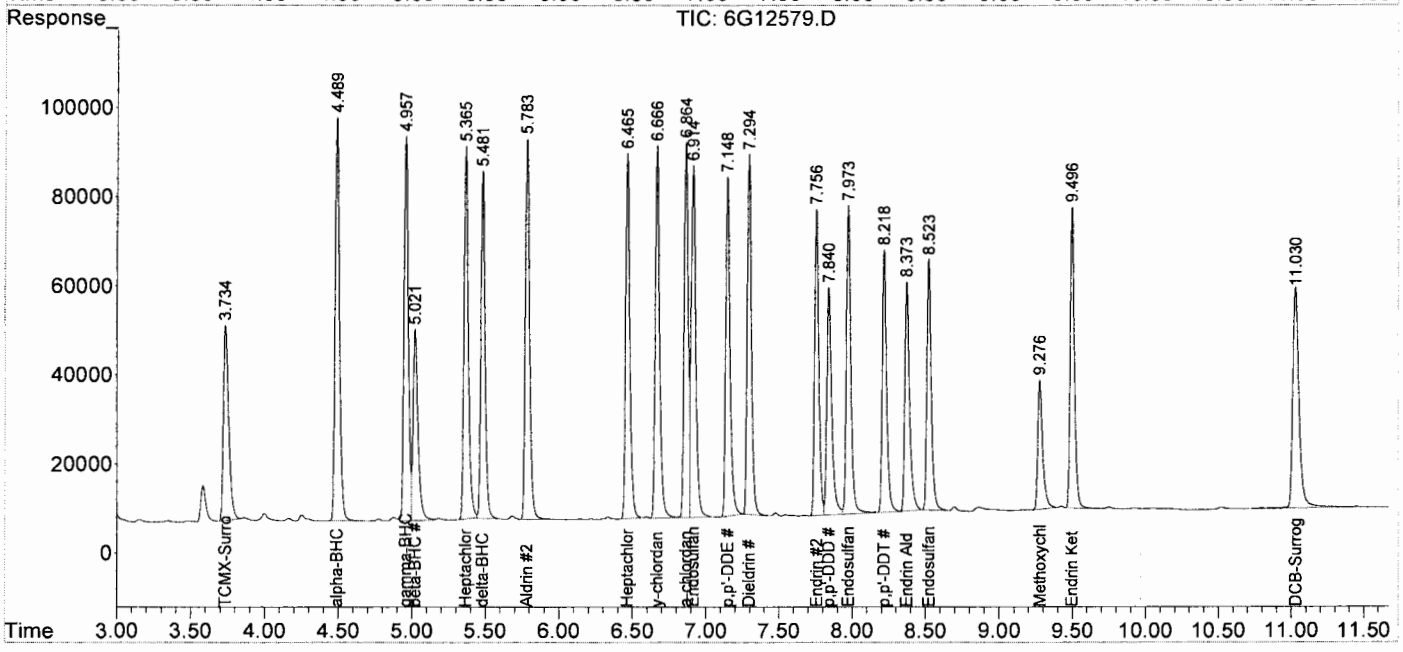
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12579.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 00:47
Operator : JP
Sample : WMB3476(MS)
Misc : A,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:52:23 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12580.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 1:02
Operator : JP
Sample : AC42612-001(T)(MS)
Misc : A,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:24:06 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.696	3.735	1555147	1028814	89.742	86.400
2)alpha-BHC	4.687	4.489	2653226	1796262	103.024	101.522
3)gamma-BHC	5.156	4.957	2504219	1675903	110.509m	110.165
4)beta-BHC	5.990	5.021	1362973	1016508	119.378	106.391
5)Heptachlor	5.426	5.366	2422930	1691164	107.209m	107.824
6)delta-BHC	6.320	5.481	2148384	1499613	99.396	89.794
7)Aldrin	5.776	5.784	2404415	1673358	109.850	107.986
8)Heptachlor Epoxid	6.574	6.466	2320078	1612216	110.518	109.523
9)y-chlordane	6.962	6.667	2751057	1684517	113.940	109.074
10)a-chlordane	7.028	6.864	2517927	1571104	110.189	111.750
11)Endosulfan I	6.926	6.914	1709310	1695488	121.867	110.692
12)p,p'-DDE	7.115	7.148	2211412	1530947	117.149	109.366
13)Dieldrin	7.363	7.294	2241873	1567045	115.978	113.599
14)Endrin	7.620	7.757	2003061	1316545	118.265	111.001
15)p,p'-DDD	8.063	7.841	1691256	1147817	120.000	115.823
16)Endosulfan II	8.183	7.973	2018521	1419960	115.212	110.728
17)p,p'-DDT	8.272	8.218	1572054	1180826	117.739	111.350
18)Endrin Aldehyde	8.675	8.373	1542294	1140087	121.775	122.792
19)Endosulfan Sulfat	9.044	8.523	1677837	1140724	110.078	107.930
20)Methoxychlor	8.974	9.276	899318	665206	116.872	110.701m
21)Endrin Ketone	9.557	9.496	1952598	1375924	119.011	112.957
22)DCB-Surrogate	10.522	11.030	1565284	1464106	109.047	105.821

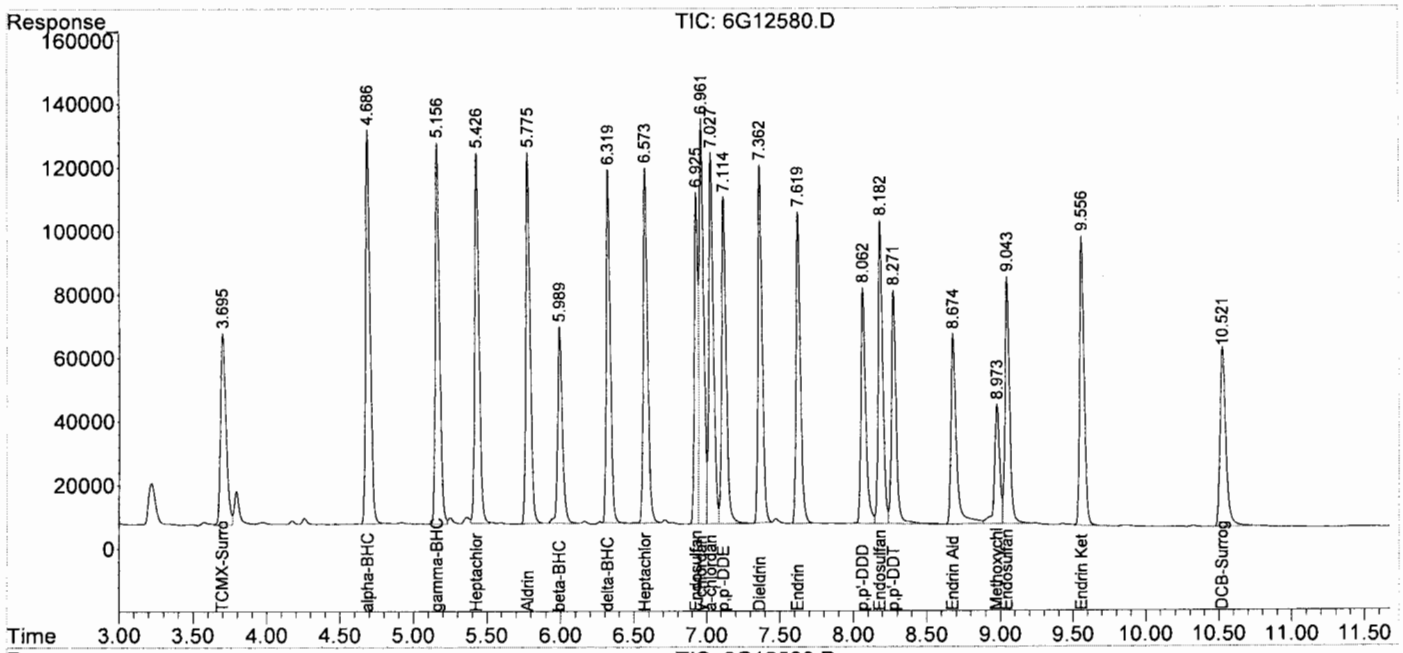
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

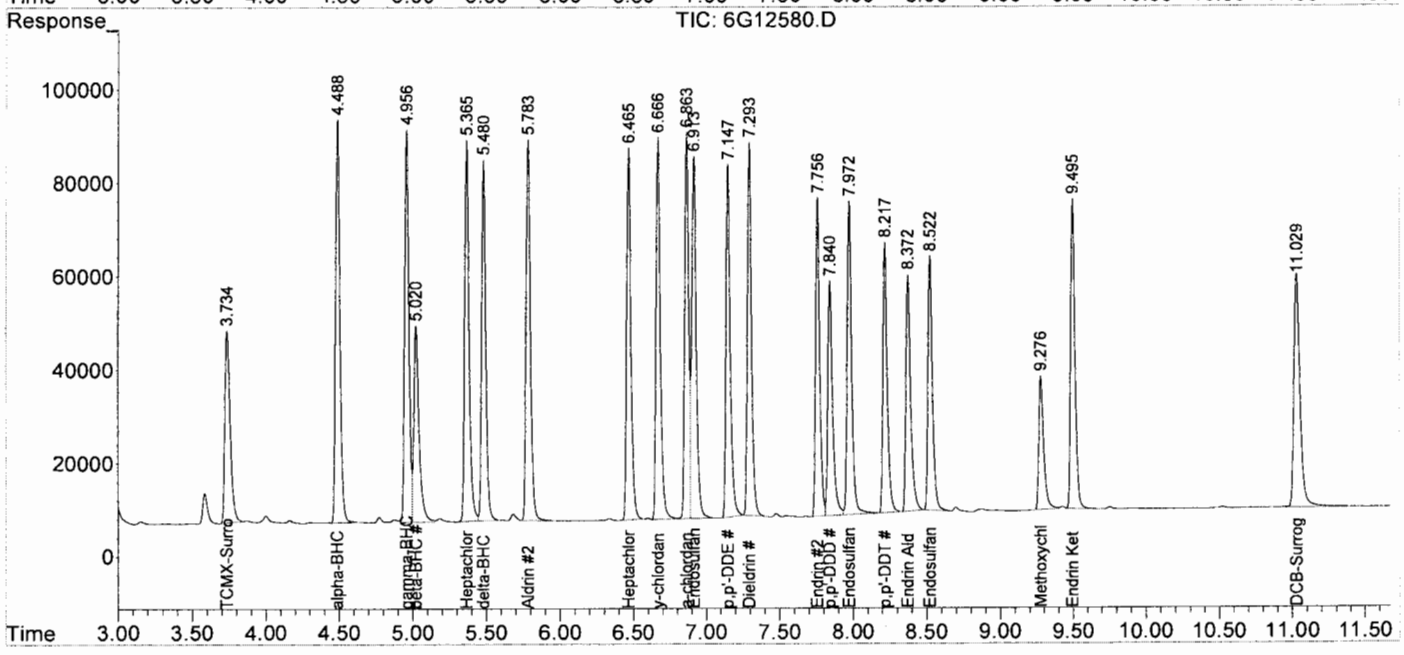
JP

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12580.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 1:02
Operator : JP
Sample : AC42612-001(T)(MS)
Misc : A,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:24:06 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12581.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 1:17
Operator : JP
Sample : AC42612-001(T)(MSD)
Misc : A,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:22:54 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.698	3.736	1405638	939987	81.115	78.940
2)alpha-BHC	4.688	4.490	2493076	1689863	96.805	95.652
3)gamma-BHC	5.158	4.958	2329192	1565720	102.785	102.922
4)beta-BHC	5.990	5.022	1276137	938742	111.773	98.251
5)Heptachlor	5.427	5.367	2277934	1568300	100.793m	99.990
6)delta-BHC	6.320	5.481	2008302	1401945	92.915	83.946
7)Aldrin	5.777	5.784	2260910	1559211	103.294	100.620
8)Heptachlor Epoxid	6.575	6.466	2173376	1501754	103.530	102.019
9)y-chlordane	6.962	6.667	2595143	1569709	107.482	101.640
10)a-chlordane	7.029	6.865	2358303	1470585	103.203	104.600
11)Endosulfan I	6.927	6.915	1606873	1574158	114.564	102.771
12)p,p'-DDE	7.116	7.149	2068235	1418067	109.564	101.302
13)Dieldrin	7.363	7.295	2076734	1454108	107.435	105.412
14)Endrin	7.621	7.756	1889737	1232302	111.574	103.898
15)p,p'-DDD	8.063	7.842	1563141	1054366	110.909	106.772
16)Endosulfan II	8.183	7.974	1903578	1332854	108.651	103.935
17)p,p'-DDT	8.273	8.219	1457759	1092247	109.576	103.304
18)Endrin Aldehyde	8.675	8.374	1462328	1063146	115.461	114.505
19)Endosulfan Sulfat	9.044	8.524	1636255	1059602	107.350	100.254
20)Methoxychlor	8.975	9.278	869582	602357	113.008	100.242
21)Endrin Ketone	9.557	9.497	1848258	1284821	112.652	105.478
22)DCB-Surrogate	10.521	11.029	1462850	1370435	101.911	99.051

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

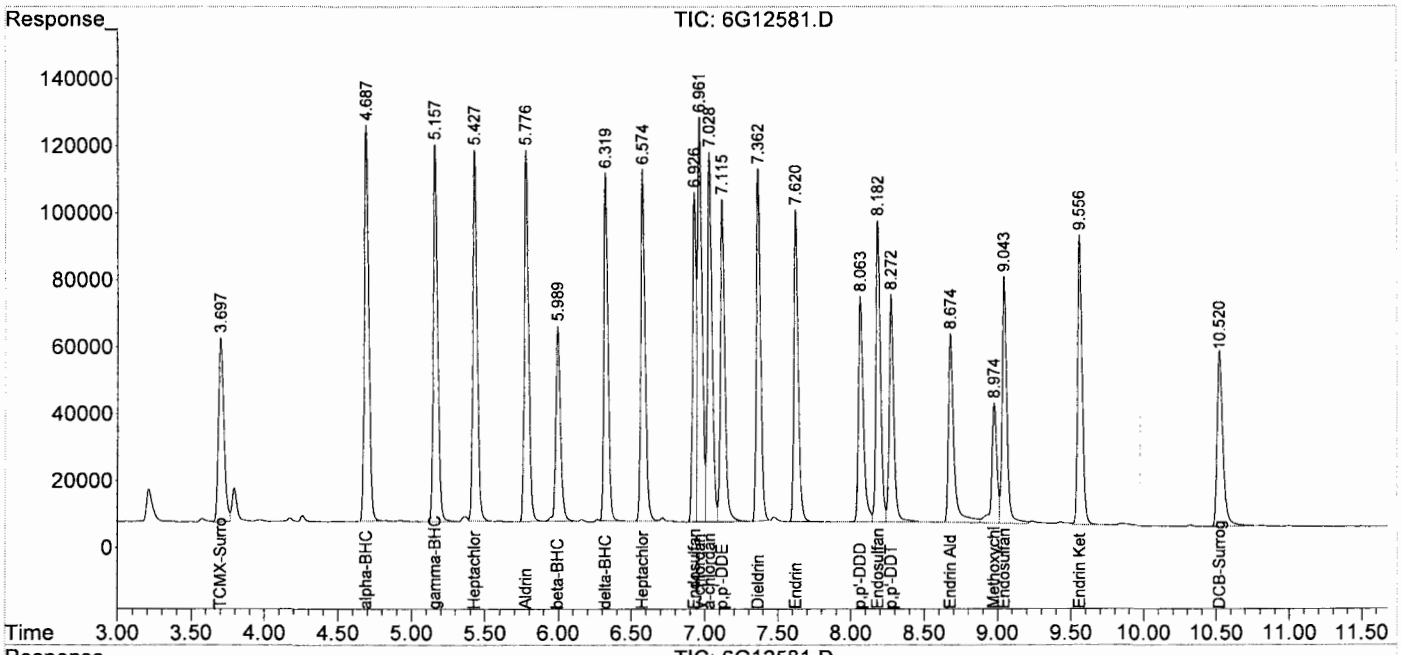
JP

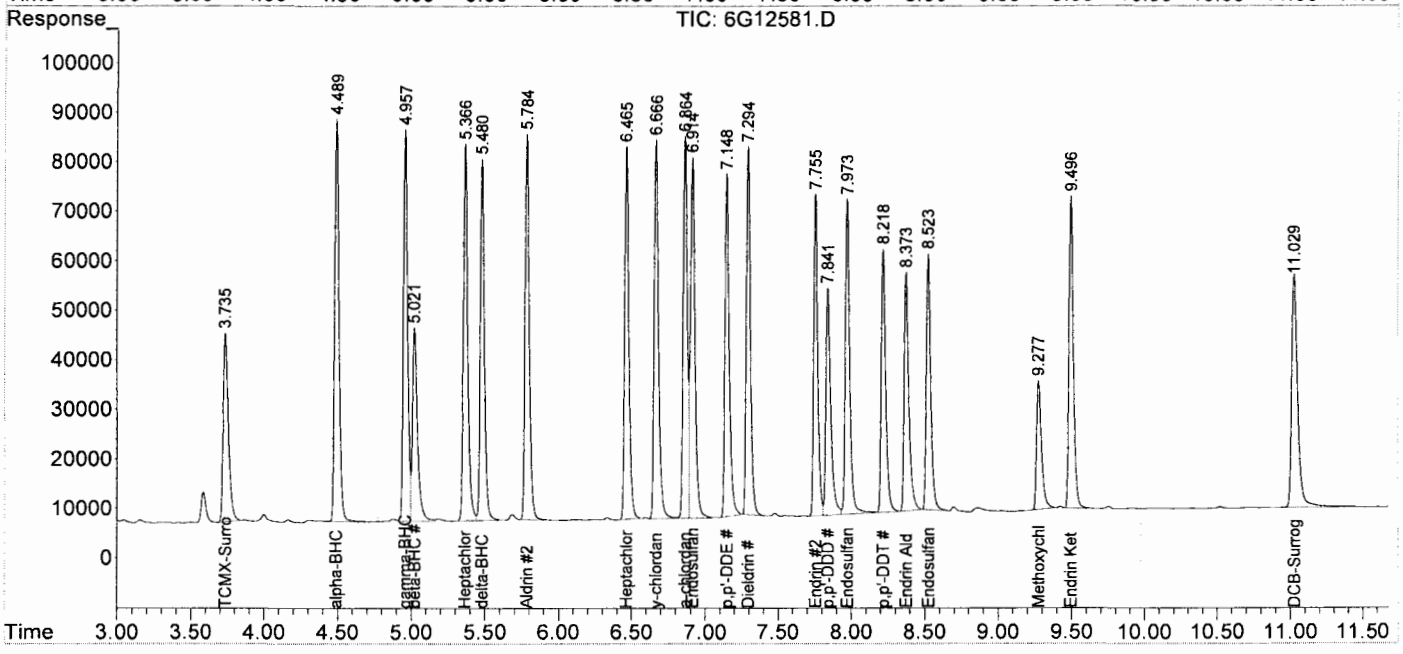
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\02-19-09\
Data File : 6G12581.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Feb 2009 1:17
Operator : JP
Sample : AC42612-001(T)(MSD)
Misc : A,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 19 08:22:54 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0210.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Feb 10 09:31:04 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





FORM 3

Spike Recovery

Batch Number: WMB3486
Mbs Name: WMB3486(MS)
Ns Name: AC42874-001(T)
Ms Name: AC42874-001(T)(M
Msd Name: AC42874-001(T)(M

Mbs File: 5G20808.D
Non Spk'd File: 5G20809.D
Spike File: 5G20810.D
Spike Dup File: 5G20811.D
Matrix: Aqueous
Method: EPA 608

Mbs Date: 02/27/09 13:52
Non Spk'd Date: 02/27/09 14:10
Spike Date : 02/27/09 14:29
Spike Dup Date: 02/27/09 14:47

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	37	134	23	111.36	0.00	98.53	102.82	111	99	103	4.3
gamma-BHC	3	1	0	100	32	127	23	106.16	0.00	92.24	96.51	106	92	97	4.5
beta-BHC	4	1	0	100	17	147	27	101.50	0.00	86.76	89.96	101	87	90	3.6
Heptachlor	5	1	0	100	34	111	21	102.77	0.00	92.77	97.88	103	93	98	5.4
delta-BHC	6	1	0	100	19	140	24	96.39	0.00	83.13	85.47	96	83	85	2.8
Aldrin	7	1	0	100	42	122	23	107.08	0.00	94.28	97.65	107	94	98	3.5
Heptachlor Epoxide	8	1	0	100	37	142	17	108.02	0.00	96.26	99.18	108	96	99	3
Endosulfan I	11	1	0	100	45	153	30	107.92	0.00	96.95	99.82	108	97	100	2.9
p,p'-DDE	12	1	0	100	30	145	18	111.14	0.00	97.03	97.67	111	97	98	0.66
Dieldrin	13	1	0	100	36	146	26	109.62	0.00	97.13	99.68	110	97	100	2.6
Endrin	14	1	0	100	30	147	20	107.38	0.00	98.86	101.51	107	99	102	2.6
p,p'-DDD	15	1	0	100	31	141	21	111.07	0.00	100.74	102.59	111	101	103	1.8
Endosulfan II	16	1	0	100	0	202	20	112.01	0.00	100.78	103.07	112	101	103	2.2
p,p'-DDT	17	1	0	100	25	160	22	114.93	0.00	105.89	108.22	115	106	108	2.2
Endosulfan Sulfate	19	1	0	100	26	144	26	102.74	0.00	97.15	99.91	103	97	100	2.8

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:52
Operator : JP
Sample : WMB3486(MS)
Misc : A,PEST
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:15:20 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.102	6.128	114.5E6	75844046	103.050m	105.569m
2)alpha-BHC	7.314	7.135	180.2E6	125.4E6	111.364	105.844
3)gamma-BHC	7.832	7.675	170.5E6	109.2E6	106.161	105.946
4)beta-BHC	8.688	7.769	73010750	50176091	101.502	105.884
5)Heptachlor	8.146	8.107	144.4E6	92116731	102.771	106.702
6)delta-BHC	9.011	8.256	153.2E6	109.3E6	96.387	103.883
7)Aldrin	8.509	8.540	155.7E6	101.3E6	107.085	106.846
8)Heptachlor Epoxid	9.295	9.244	138.5E6	90222571	108.024	107.401
9)y-chlordane	9.675	9.445	147.7E6	94064949	109.138m	109.202
10)a-chlordane	9.741	9.641	142.4E6	90491664	109.373m	109.447
11)Endosulfan I	9.641	9.685	127.0E6	84999360	107.922m	108.218
12)p,p'-DDE	9.839	9.928	144.5E6	89836527	111.141m	109.087
13)Dieldrin	10.059	10.057	145.0E6	93991946	109.625	108.505
14)Endrin	10.305	10.503	123.2E6	77346749	107.376	108.025
15)p,p'-DDD	10.716	10.594	115.2E6	75405965	111.070	110.572
16)Endosulfan II	10.821	10.712	118.9E6	80477993	112.012	105.446
17)p,p'-DDT	10.924	10.949	99572918	66414615	114.931	118.304
18)Endrin Aldehyde	11.263	11.094	78547372	55064373	109.340m	113.094
19)Endosulfan Sulfat	11.605	11.237	99768991	67430318	102.740m	101.800
20)Methoxychlor	11.569	11.945	46239804	30076894	112.889m	116.333
21)Endrin Ketone	12.089	12.155	111.3E6	78689105	105.861m	105.665m
22)DCB-Surrogate	13.028	13.567	97439342	60134943	98.944	100.673m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

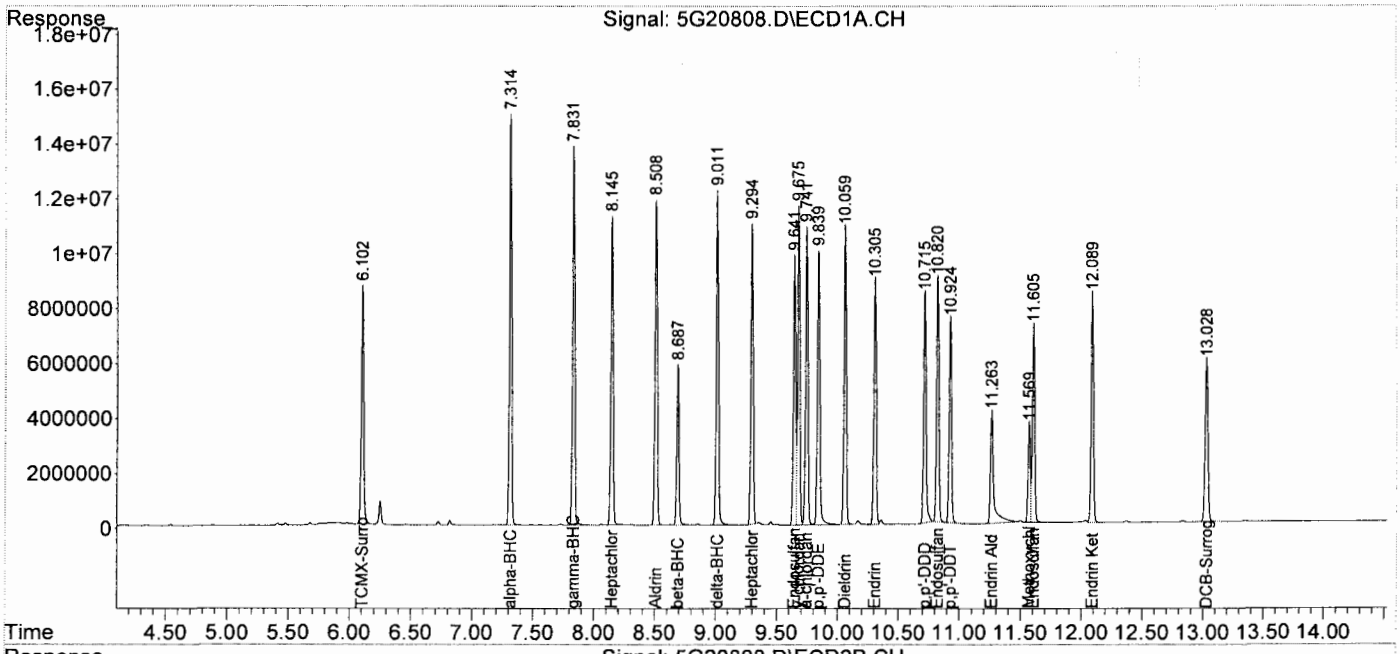
JP

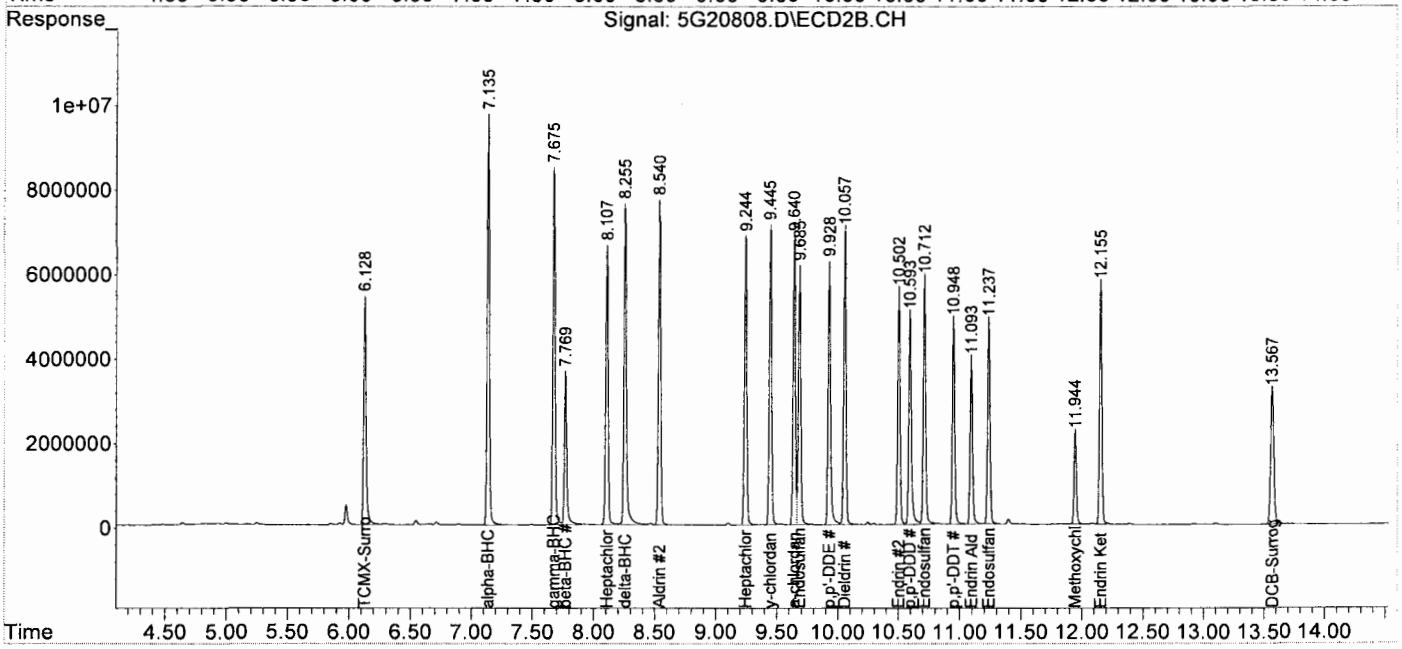
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:52
Operator : JP
Sample : WMB3486(MS)
Misc : A,PEST
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:15:20 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:29
Operator : JP
Sample : AC42874-001(T)(MS)
Misc : A,PEST
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:51:42 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.102	6.128	103.4E6	69437795	93.069	96.652
2)alpha-BHC	7.314	7.135	159.5E6	111.9E6	98.531	94.431
3)gamma-BHC	7.831	7.675	148.1E6	98578984	92.236	95.670
4)beta-BHC	8.686	7.768	62407814	43496418	86.761	91.788
5)Heptachlor	8.145	8.107	130.4E6	86610112	92.769	100.323
6)delta-BHC	9.010	8.255	132.1E6	97205707	83.133	92.363
7)Aldrin	8.508	8.540	137.0E6	90274416	94.275	95.202
8)Heptachlor Epoxid	9.293	9.243	123.4E6	81869764	96.260	97.458
9)y-chlordane	9.674	9.445	127.7E6	82250397	94.360m	95.487
10)a-chlordane	9.740	9.640	123.0E6	81742066	94.423m	98.864
11)Endosulfan I	9.640	9.685	114.1E6	76412312	96.946m	97.286
12)p,p'-DDE	9.836	9.927	126.1E6	79950025	97.032m	97.082
13)Dieldrin	10.057	10.056	128.4E6	84217994	97.133	97.222
14)Endrin	10.303	10.502	113.5E6	72896468	98.860	101.810
15)p,p'-DDD	10.713	10.591	104.5E6	69770029	100.737	102.308
16)Endosulfan II	10.819	10.711	106.9E6	71658992	100.778	93.891
17)p,p'-DDT	10.922	10.947	91267818	60904858	105.887	109.015
18)Endrin Aldehyde	11.260	11.092	60724335	46686586	84.530m	96.022m
19)Endosulfan Sulfat	11.603	11.236	94336224	62474126	97.146m	94.317
20)Methoxychlor	11.567	11.943	45095003	28188694	110.241m	109.030
21)Endrin Ketone	12.088	12.154	104.0E6	72894193	98.872m	97.884m
22)DCB-Surrogate	13.026	13.566	96143075	58348881	97.628	97.683m

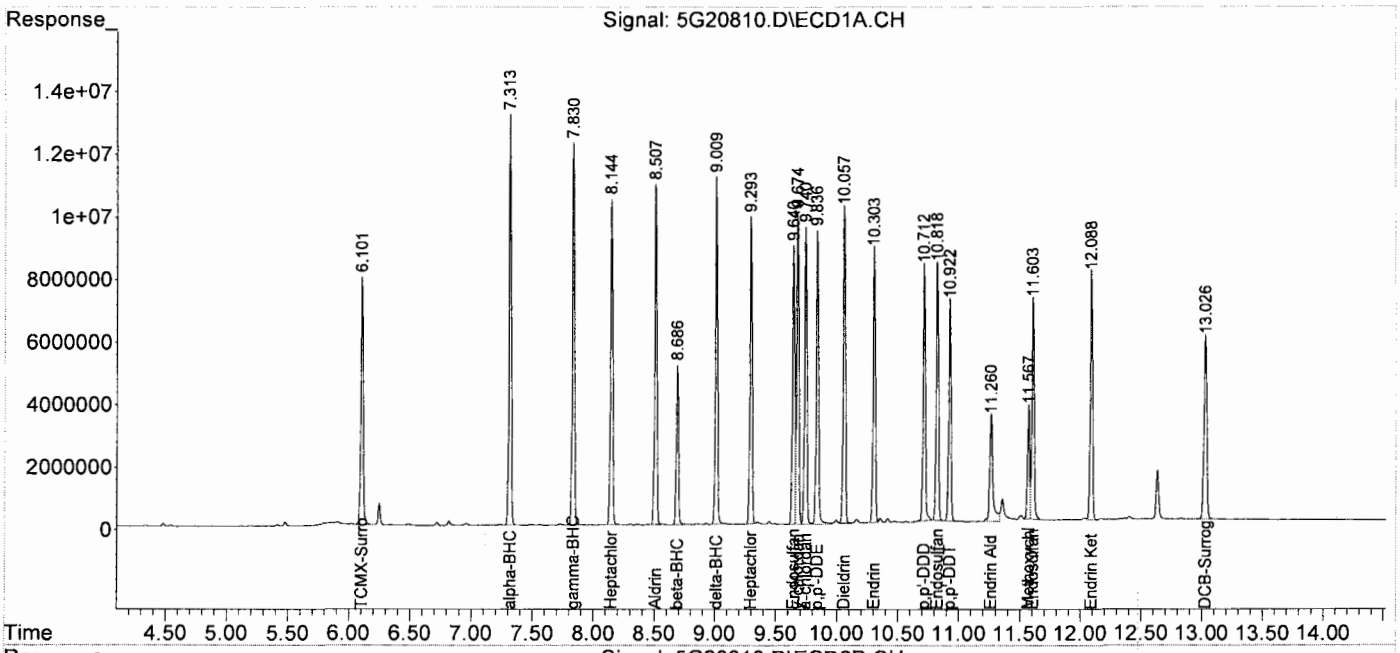
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

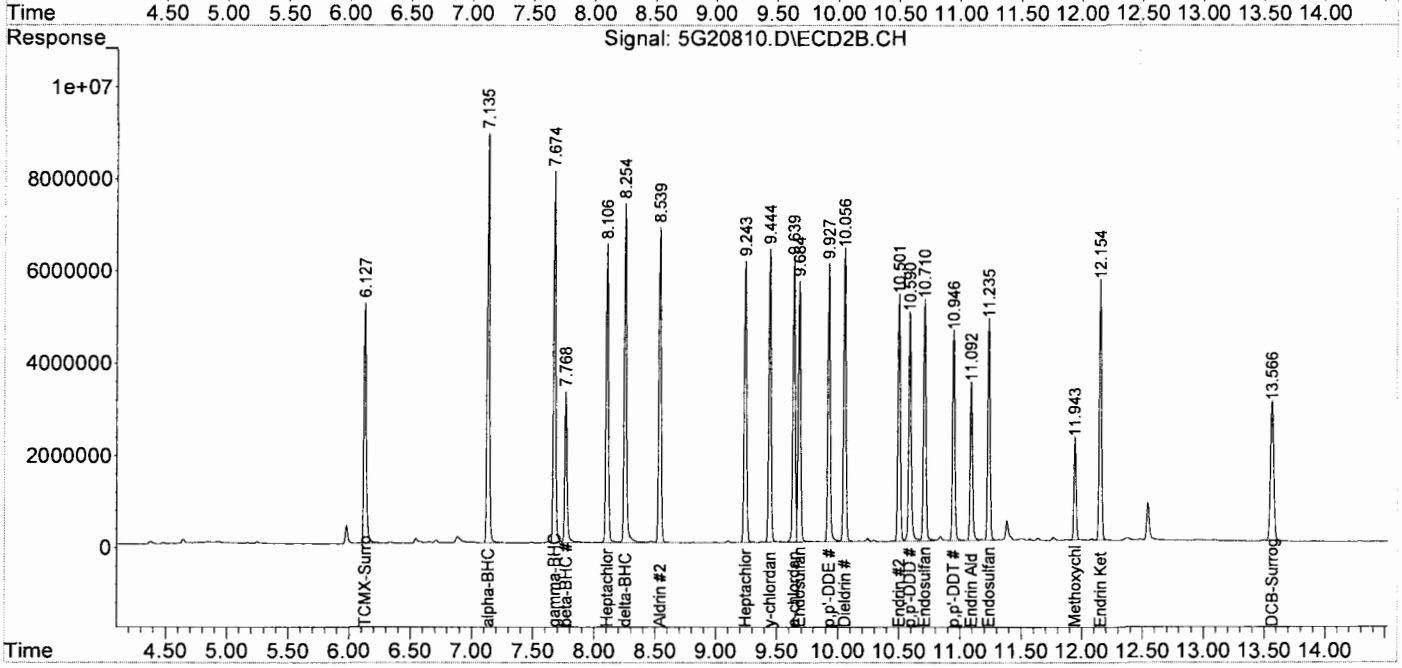
JP

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:29
Operator : JP
Sample : AC42874-001(T)(MS)
Misc : A,PEST
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 14:51:42 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:47
Operator : JP
Sample : AC42874-001(T)(MSD)
Misc : A,PEST
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 15:45:44 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.103	6.129	106.4E6	71121142	95.771	98.995
2)alpha-BHC	7.314	7.136	166.4E6	117.1E6	102.821	98.838
3)gamma-BHC	7.832	7.676	155.0E6	103.2E6	96.511	100.118
4)beta-BHC	8.688	7.769	64707586	45158246	89.959	95.295
5)Heptachlor	8.146	8.108	137.6E6	89615775	97.876	103.805
6)delta-BHC	9.010	8.255	135.8E6	100.1E6	85.475	95.137
7)Aldrin	8.508	8.541	141.9E6	93592779	97.651	98.701
8)Heptachlor Epoxid	9.294	9.244	127.2E6	84180275	99.176	100.208
9)y-chlordane	9.675	9.446	133.5E6	85014315	98.627m	98.695
10)a-chlordane	9.741	9.641	125.7E6	84059042	96.499m	101.667
11)Endosulfan I	9.641	9.686	117.5E6	78588318	99.817m	100.056
12)p,p'-DDE	9.838	9.928	127.0E6	82056854	97.667	99.640
13)Dieldrin	10.059	10.057	131.8E6	86838645	99.683	100.248
14)Endrin	10.305	10.502	116.5E6	74805035	101.513	104.475
15)p,p'-DDD	10.713	10.591	106.4E6	71373343	102.586	104.659
16)Endosulfan II	10.820	10.712	109.4E6	73005419	103.074	95.655
17)p,p'-DDT	10.923	10.948	93406236	62319052	108.224	111.407
18)Endrin Aldehyde	11.262	11.093	59132548	44541201	82.314	91.642
19)Endosulfan Sulfat	11.605	11.237	97015866	63947024	99.905m	96.541
20)Methoxychlor	11.568	11.943	45271155	28834297	110.649m	111.527
21)Endrin Ketone	12.089	12.155	105.1E6	74223937	99.920	99.670
22)DCB-Surrogate	13.027	13.567	100.1E6	59808230	101.655	100.126

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

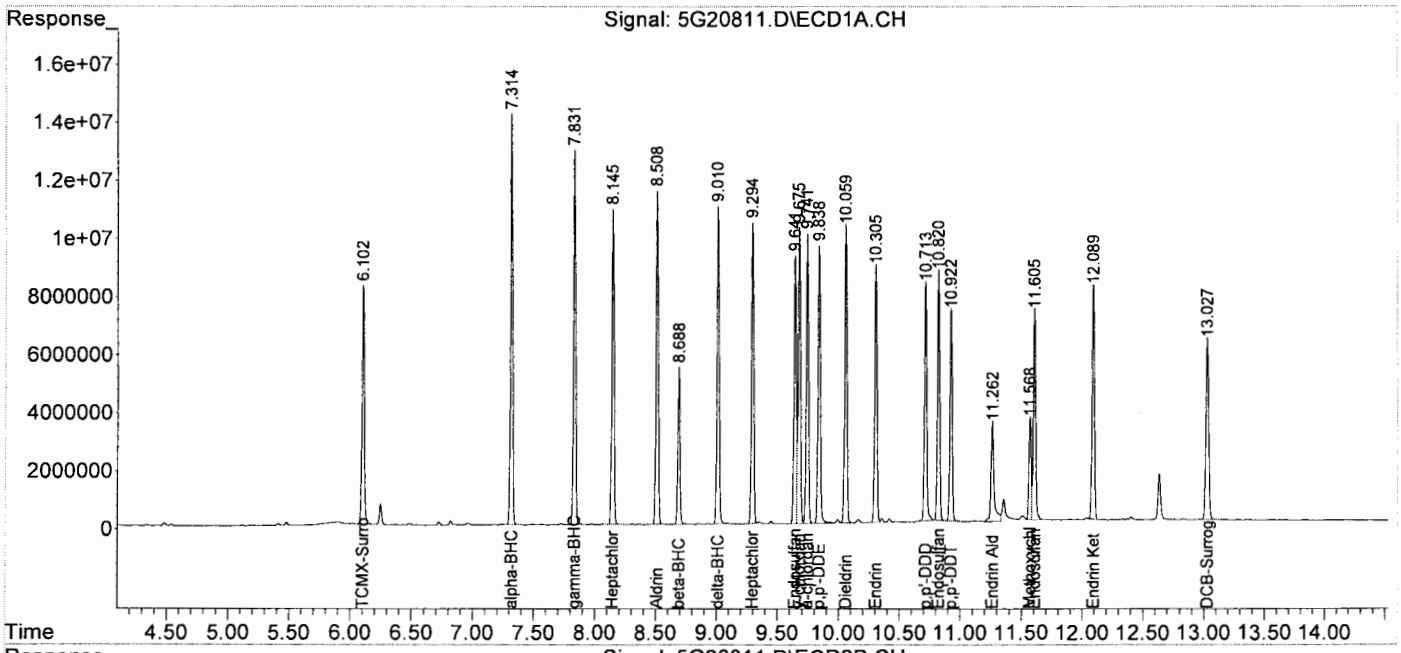
JP

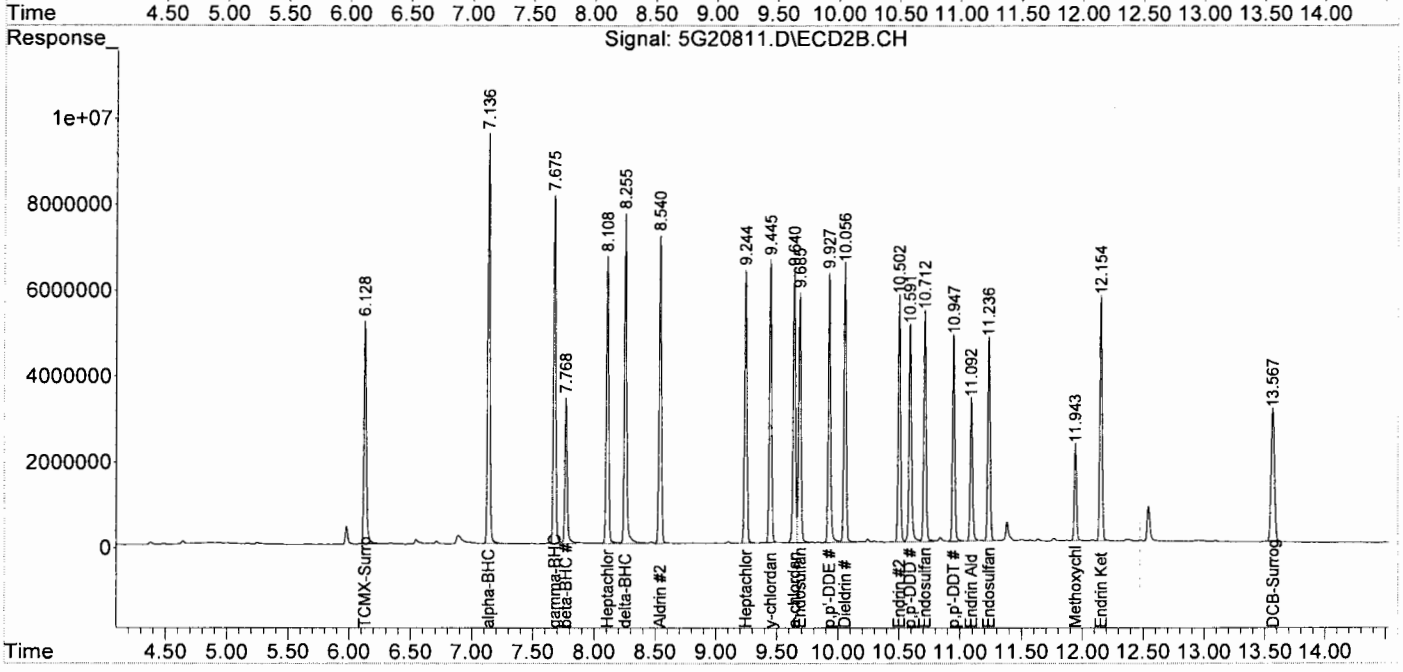
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:47
Operator : JP
Sample : AC42874-001(T)(MSD)
Misc : A,PEST
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 15:45:44 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form3

MBS Data

Method: 608

Data File:===>					5G20898.D														
Data/Batch/Sample ID:===>					WMB3488(MS)-Aq														
Date/Time:===>					03/03/09 12:03														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aldrin		42-122	1	0	91.42	100	91												
alpha-BHC		37-134	1	0	105.6	100	106												
beta-BHC		17-147	1	0	94.75	100	95												
delta-BHC		19-140	1	0	89.4	100	89												
Dieldrin		36-146	1	0	101.2	100	101												
Endosulfan I		45-153	1	0	100.8	100	101												
Endosulfan II		0-202	1	0	102.5	100	102												
Endosulfan Sulfate		26-144	1	0	93.45	100	93												
Endrin		30-147	1	0	95.8	100	96												
gamma-BHC		32-127	1	0	99.41	100	99												
Heptachlor		34-111	1	0	85.17	100	85												
Heptachlor Epoxide		37-142	1	0	100.7	100	101												
p,p'-DDD		31-141	1	0	103.7	100	104												
p,p'-DDE		30-145	1	0	98.05	100	98												
p,p'-DDT		25-160	1	0	91.93	100	92												

Flags/Notes: ** - Values outside of limits for this column/run*

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\03-0309\
Data File : 5G20898.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Mar 2009 12:03
Operator : JP
Sample : WMB3488(MS)
Misc : A,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 03 13:28:43 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Mar 03 11:18:49 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.102	6.127	84530979	51986182	76.072	72.360
2)alpha-BHC	7.312	7.134	170.9E6	116.6E6	105.613	98.416
3)gamma-BHC	7.830	7.674	159.6E6	100.4E6	99.406	97.396
4)beta-BHC	8.685	7.768	68153706	46885463	94.750	98.940
5)Heptachlor	8.145	8.106	119.7E6	77900054	85.172	90.234
6)delta-BHC	9.008	8.254	142.0E6	102.0E6	89.395	96.872
7)Aldrin	8.507	8.538	132.9E6	86331217	91.423	91.043
8)Heptachlor Epoxid	9.292	9.242	129.1E6	84034167	100.720	100.034
9)y-chlordane	9.672	9.444	134.3E6	84289176	99.186m	97.854
10)a-chlordane	9.739	9.639	128.4E6	81620983	98.587m	98.718
11)Endosulfan I	9.639	9.683	118.6E6	78333382	100.749m	99.731
12)p,p'-DDE	9.836	9.926	127.5E6	80369497	98.054	97.591
13)Dieldrin	10.056	10.055	133.8E6	85987776	101.180	99.265
14)Endrin	10.303	10.500	110.0E6	68009961	95.795	94.985
15)p,p'-DDD	10.713	10.591	107.5E6	69708958	103.661	102.218
16)Endosulfan II	10.818	10.710	108.7E6	72336996	102.465	94.779
17)p,p'-DDT	10.921	10.947	78613522	51627724	91.935	93.178
18)Endrin Aldehyde	11.259	11.092	66205900	45901863	92.160m	94.420
19)Endosulfan Sulfat	11.602	11.236	90744917	60281500	93.447m	91.007
20)Methoxychlor	11.567	11.944	38470671	23710409	94.788m	91.709
21)Endrin Ketone	12.086	12.154	102.1E6	71073523	97.130	95.439
22)DCB-Surrogate	13.026	13.566	87874080	50804791	89.231	85.053m

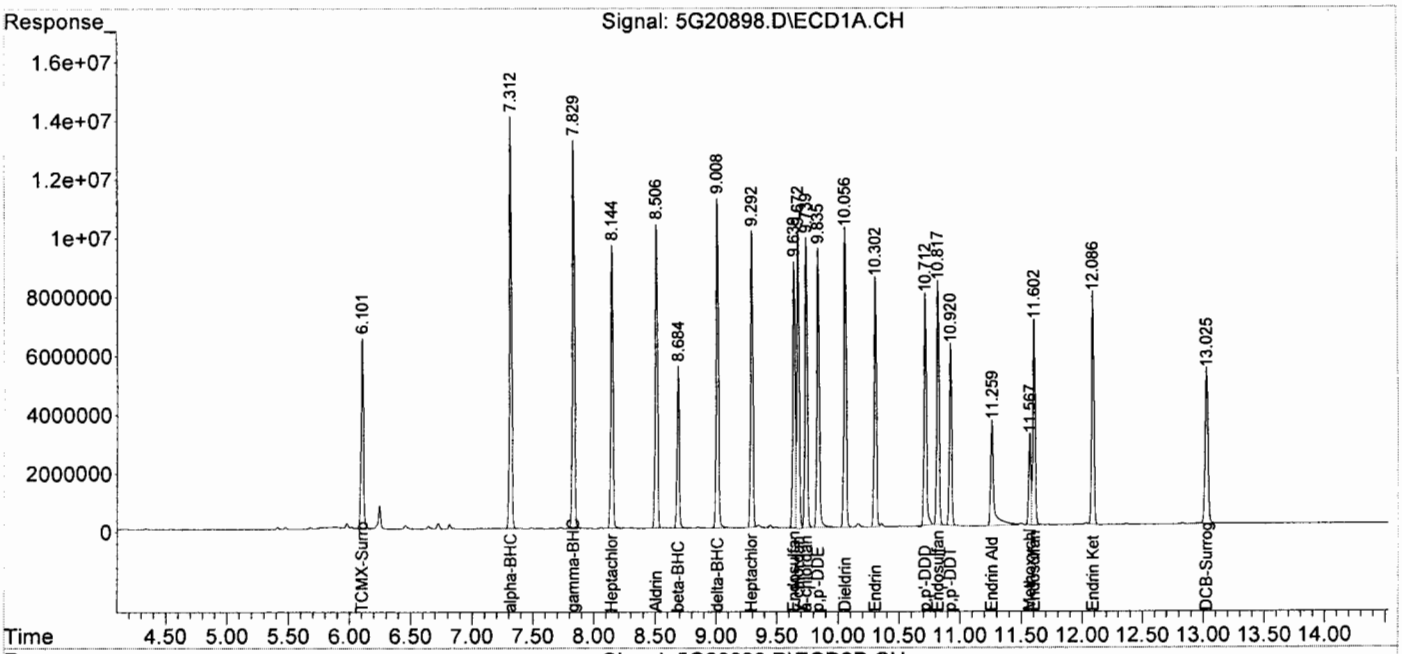
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

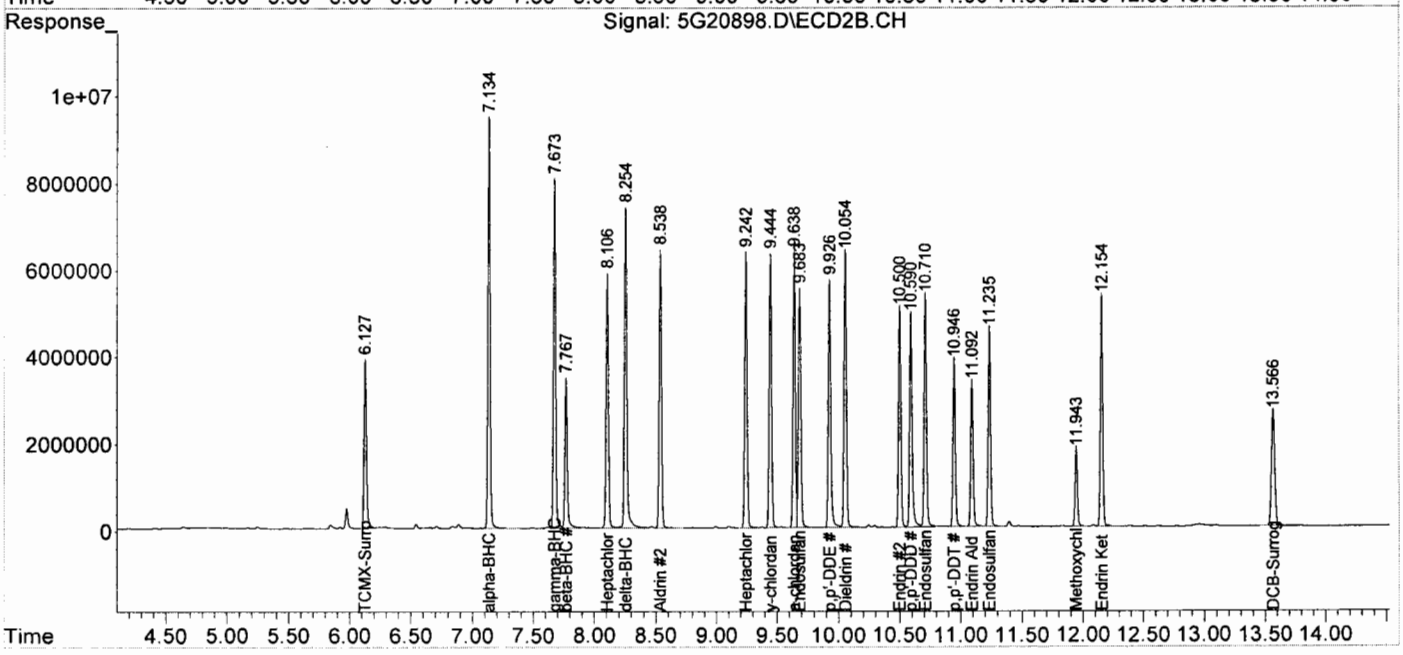
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\03-0309\
Data File : 5G20898.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Mar 2009 12:03
Operator : JP
Sample : WMB3488(MS)
Misc : A,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Mar 03 13:28:43 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Mar 03 11:18:49 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





FORM 3

Spike Recovery

Batch Number: WMB3486
Mbs Name: WMB3486(MS)
Ns Name: AC42874-001(T)
Ms Name: AC42874-001(T)(M
Msd Name: AC42874-001(T)(M

Mbs File: 5G20808.D
Non Spk'd File: 5G20809.D
Spike File: 5G20810.D
Spike Dup File: 5G20811.D
Matrix: Aqueous
Method: EPA 608

Mbs Date: 02/27/09 13:52
Non Spk'd Date: 02/27/09 14:10
Spike Date : 02/27/09 14:29
Spike Dup Date: 02/27/09 14:47

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	37	134	23	111.36	0.00	98.53	102.82	111	99	103	4.3
gamma-BHC	3	1	0	100	32	127	23	106.16	0.00	92.24	96.51	106	92	97	4.5
beta-BHC	4	1	0	100	17	147	27	101.50	0.00	86.76	89.96	101	87	90	3.6
Heptachlor	5	1	0	100	34	111	21	102.77	0.00	92.77	97.88	103	93	98	5.4
delta-BHC	6	1	0	100	19	140	24	96.39	0.00	83.13	85.47	96	83	85	2.8
Aldrin	7	1	0	100	42	122	23	107.08	0.00	94.28	97.65	107	94	98	3.5
Heptachlor Epoxide	8	1	0	100	37	142	17	108.02	0.00	96.26	99.18	108	96	99	3
Endosulfan I	11	1	0	100	45	153	30	107.92	0.00	96.95	99.82	108	97	100	2.9
p,p'-DDE	12	1	0	100	30	145	18	111.14	0.00	97.03	97.67	111	97	98	0.66
Dieldrin	13	1	0	100	36	146	26	109.62	0.00	97.13	99.68	110	97	100	2.6
Endrin	14	1	0	100	30	147	20	107.38	0.00	98.86	101.51	107	99	102	2.6
p,p'-DDD	15	1	0	100	31	141	21	111.07	0.00	100.74	102.59	111	101	103	1.8
Endosulfan II	16	1	0	100	0	202	20	112.01	0.00	100.78	103.07	112	101	103	2.2
p,p'-DDT	17	1	0	100	25	160	22	114.93	0.00	105.89	108.22	115	106	108	2.2
Endosulfan Sulfate	19	1	0	100	26	144	26	102.74	0.00	97.15	99.91	103	97	100	2.8

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:52
Operator : JP
Sample : WMB3486(MS)
Misc : A,PEST
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 15:15:20 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.102	6.128	114.5E6	75844046	103.050m	105.569m
2)alpha-BHC	7.314	7.135	180.2E6	125.4E6	111.364	105.844
3)gamma-BHC	7.832	7.675	170.5E6	109.2E6	106.161	105.946
4)beta-BHC	8.688	7.769	73010750	50176091	101.502	105.884
5)Heptachlor	8.146	8.107	144.4E6	92116731	102.771	106.702
6)delta-BHC	9.011	8.256	153.2E6	109.3E6	96.387	103.883
7)Aldrin	8.509	8.540	155.7E6	101.3E6	107.085	106.846
8)Heptachlor Epoxid	9.295	9.244	138.5E6	90222571	108.024	107.401
9)y-chlordane	9.675	9.445	147.7E6	94064949	109.138m	109.202
10)a-chlordane	9.741	9.641	142.4E6	90491664	109.373m	109.447
11)Endosulfan I	9.641	9.685	127.0E6	84999360	107.922m	108.218
12)p,p'-DDE	9.839	9.928	144.5E6	89836527	111.141m	109.087
13)Dieldrin	10.059	10.057	145.0E6	93991946	109.625	108.505
14)Endrin	10.305	10.503	123.2E6	77346749	107.376	108.025
15)p,p'-DDD	10.716	10.594	115.2E6	75405965	111.070	110.572
16)Endosulfan II	10.821	10.712	118.9E6	80477993	112.012	105.446
17)p,p'-DDT	10.924	10.949	99572918	66414615	114.931	118.304
18)Endrin Aldehyde	11.263	11.094	78547372	55064373	109.340m	113.094
19)Endosulfan Sulfat	11.605	11.237	99768991	67430318	102.740m	101.800
20)Methoxychlor	11.569	11.945	46239804	30076894	112.889m	116.333
21)Endrin Ketone	12.089	12.155	111.3E6	78689105	105.861m	105.665m
22)DCB-Surrogate	13.028	13.567	97439342	60134943	98.944	100.673m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

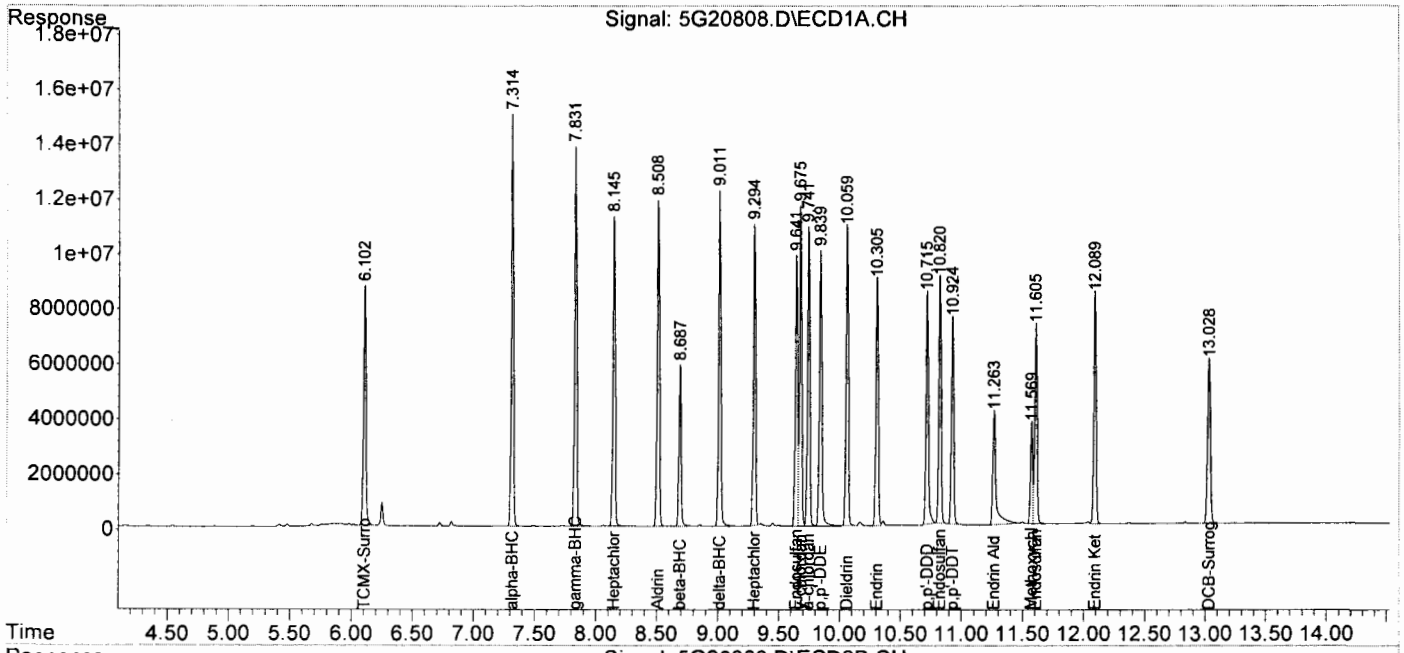
MJ

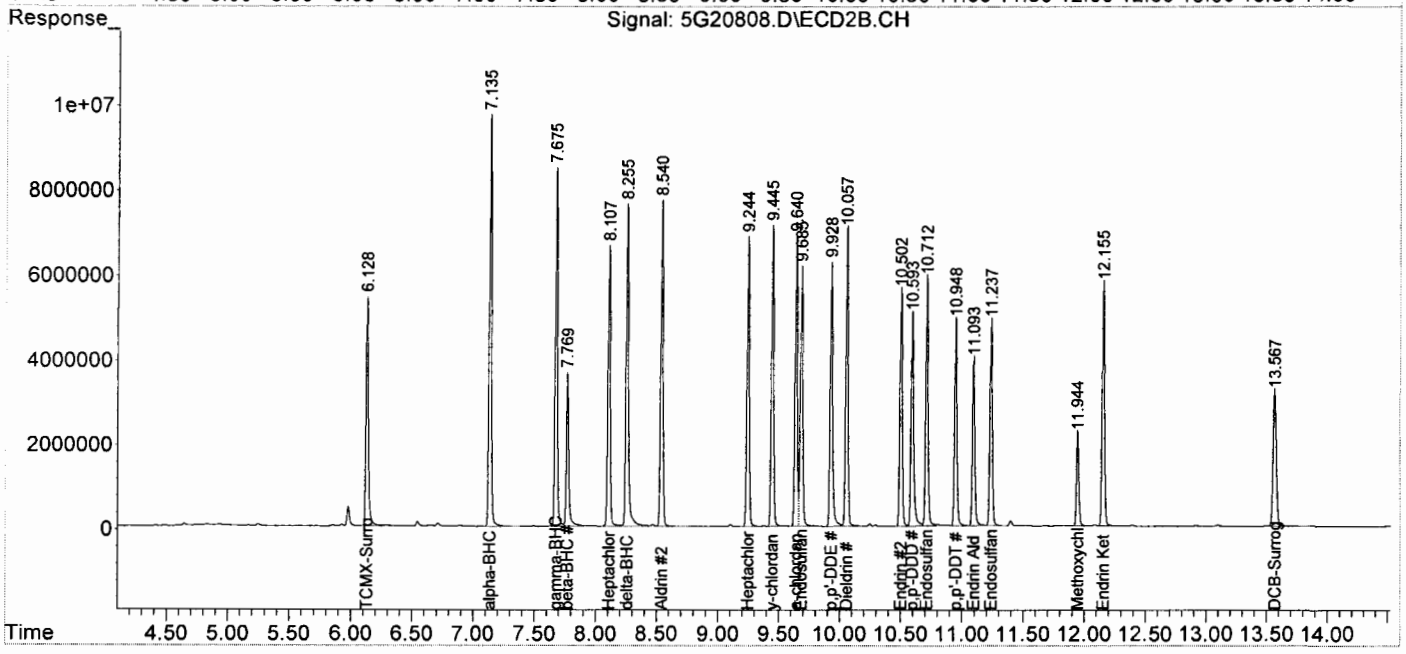
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 13:52
Operator : JP
Sample : WMB3486(MS)
Misc : A,PEST
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 15:15:20 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:29
Operator : JP
Sample : AC42874-001(T)(MS)
Misc : A,PEST
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 15:51:42 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.102	6.128	103.4E6	69437795	93.069	96.652
2)alpha-BHC	7.314	7.135	159.5E6	111.9E6	98.531	94.431
3)gamma-BHC	7.831	7.675	148.1E6	98578984	92.236	95.670
4)beta-BHC	8.686	7.768	62407814	43496418	86.761	91.788
5)Heptachlor	8.145	8.107	130.4E6	86610112	92.769	100.323
6)delta-BHC	9.010	8.255	132.1E6	97205707	83.133	92.363
7)Aldrin	8.508	8.540	137.0E6	90274416	94.275	95.202
8)Heptachlor Epoxid	9.293	9.243	123.4E6	81869764	96.260	97.458
9)y-chlordane	9.674	9.445	127.7E6	82250397	94.360m	95.487
10)a-chlordane	9.740	9.640	123.0E6	81742066	94.423m	98.864
11)Endosulfan I	9.640	9.685	114.1E6	76412312	96.946m	97.286
12)p,p'-DDE	9.836	9.927	126.1E6	79950025	97.032m	97.082
13)Dieldrin	10.057	10.056	128.4E6	84217994	97.133	97.222
14)Endrin	10.303	10.502	113.5E6	72896468	98.860	101.810
15)p,p'-DDD	10.713	10.591	104.5E6	69770029	100.737	102.308
16)Endosulfan II	10.819	10.711	106.9E6	71658992	100.778	93.891
17)p,p'-DDT	10.922	10.947	91267818	60904858	105.887	109.015
18)Endrin Aldehyde	11.260	11.092	60724335	46686586	84.530m	96.022m
19)Endosulfan Sulfat	11.603	11.236	94336224	62474126	97.146m	94.317
20)Methoxychlor	11.567	11.943	45095003	28188694	110.241m	109.030
21)Endrin Ketone	12.088	12.154	104.0E6	72894193	98.872m	97.884m
22)DCB-Surrogate	13.026	13.566	96143075	58348881	97.628	97.683m

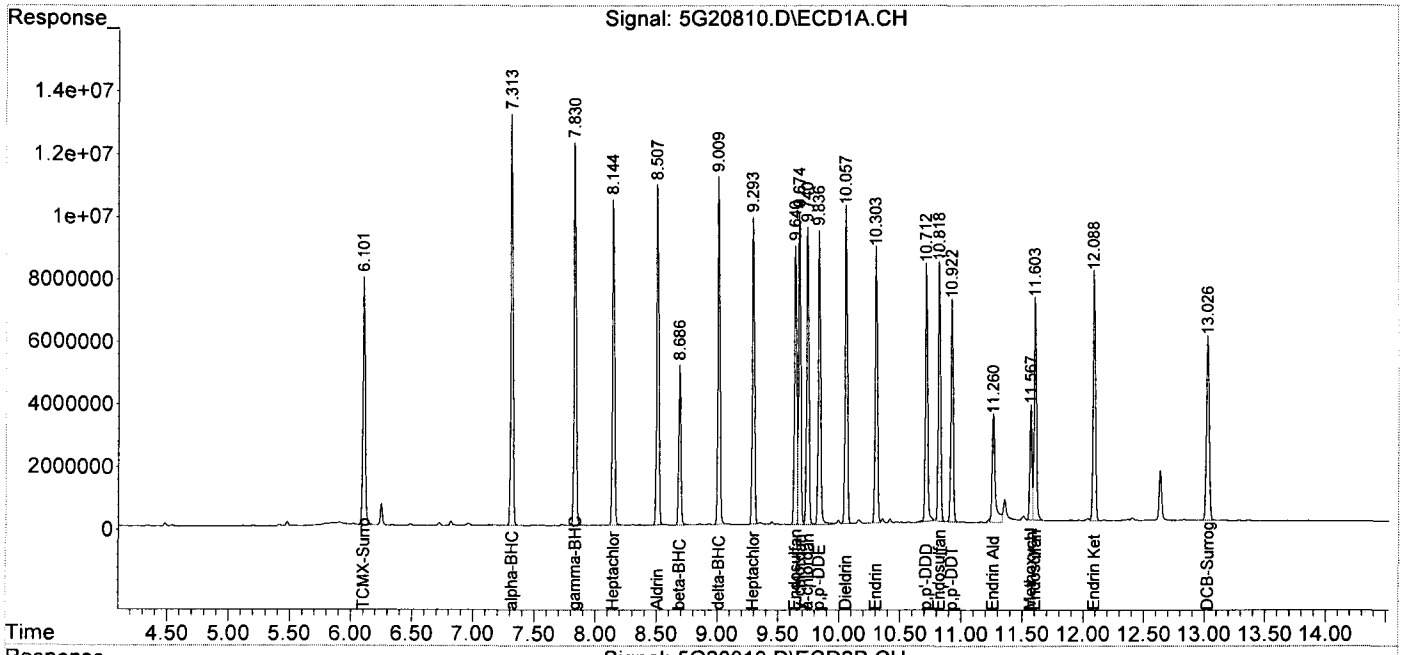
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

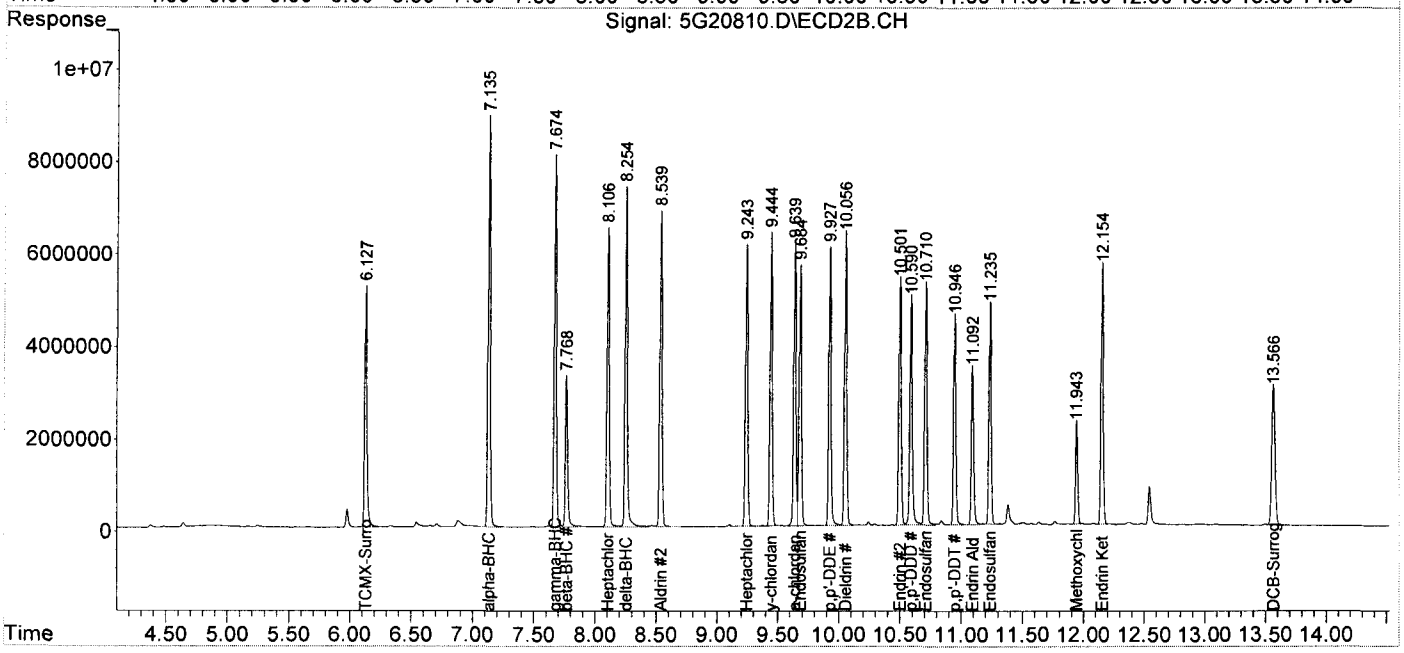
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:29
Operator : JP
Sample : AC42874-001(T)(MS)
Misc : A,PEST
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 15:51:42 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:47
Operator : JP
Sample : AC42874-001(T)(MSD)
Misc : A,PEST
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 16:45:44 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.103	6.129	106.4E6	71121142	95.771	98.995
2)alpha-BHC	7.314	7.136	166.4E6	117.1E6	102.821	98.838
3)gamma-BHC	7.832	7.676	155.0E6	103.2E6	96.511	100.118
4)beta-BHC	8.688	7.769	64707586	45158246	89.959	95.295
5)Heptachlor	8.146	8.108	137.6E6	89615775	97.876	103.805
6)delta-BHC	9.010	8.255	135.8E6	100.1E6	85.475	95.137
7)Aldrin	8.508	8.541	141.9E6	93592779	97.651	98.701
8)Heptachlor Epoxid	9.294	9.244	127.2E6	84180275	99.176	100.208
9)y-chlordane	9.675	9.446	133.5E6	85014315	98.627m	98.695
10)a-chlordane	9.741	9.641	125.7E6	84059042	96.499m	101.667
11)Endosulfan I	9.641	9.686	117.5E6	78588318	99.817m	100.056
12)p,p'-DDE	9.838	9.928	127.0E6	82056854	97.667	99.640
13)Dieldrin	10.059	10.057	131.8E6	86838645	99.683	100.248
14)Endrin	10.305	10.502	116.5E6	74805035	101.513	104.475
15)p,p'-DDD	10.713	10.591	106.4E6	71373343	102.586	104.659
16)Endosulfan II	10.820	10.712	109.4E6	73005419	103.074	95.655
17)p,p'-DDT	10.923	10.948	93406236	62319052	108.224	111.407
18)Endrin Aldehyde	11.262	11.093	59132548	44541201	82.314	91.642
19)Endosulfan Sulfat	11.605	11.237	97015866	63947024	99.905m	96.541
20)Methoxychlor	11.568	11.943	45271155	28834297	110.649m	111.527
21)Endrin Ketone	12.089	12.155	105.1E6	74223937	99.920	99.670
22)DCB-Surrogate	13.027	13.567	100.1E6	59808230	101.655	100.126

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

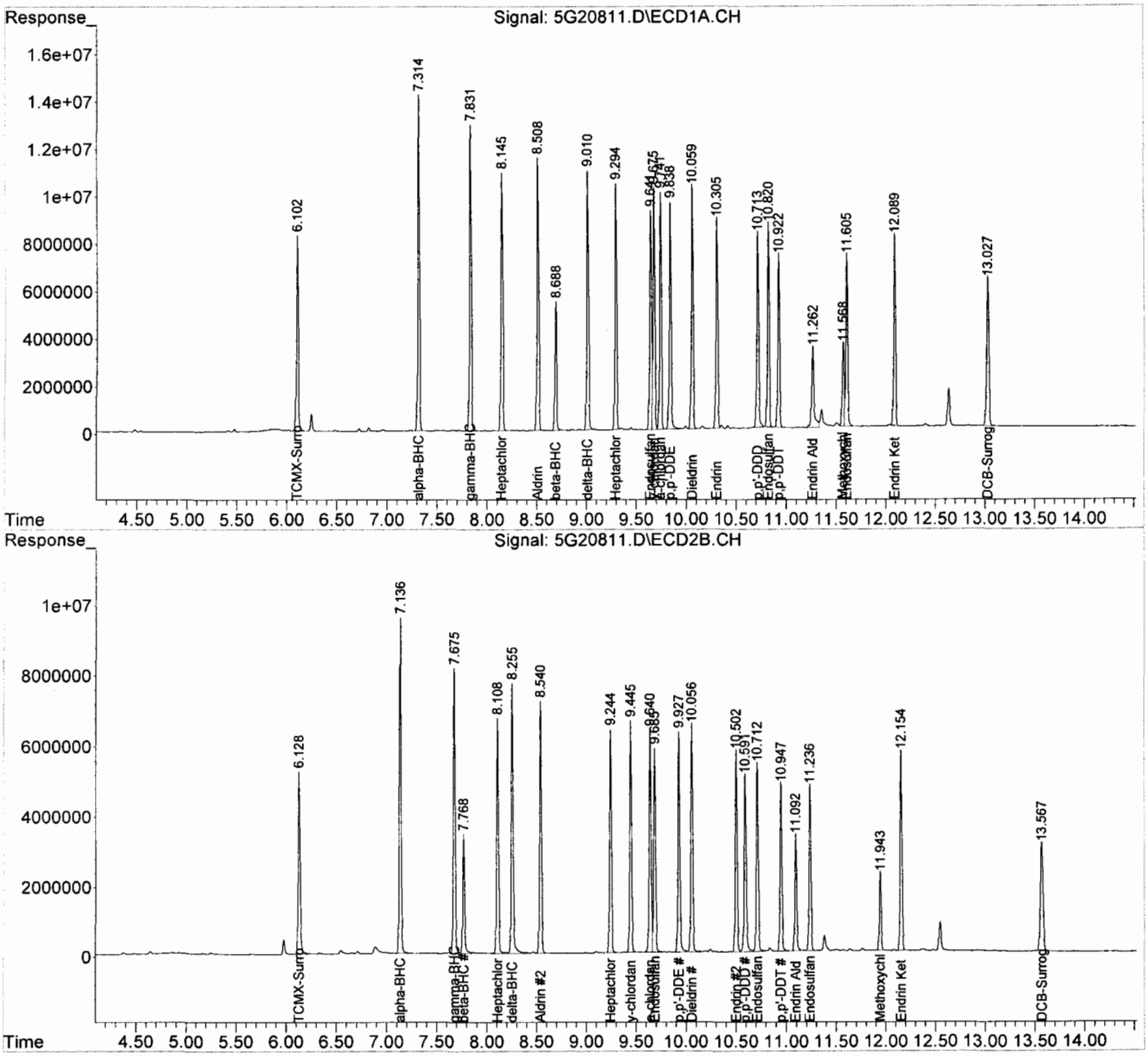
MS

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\02-27-09\
Data File : 5G20811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Feb 2009 14:47
Operator : JP
Sample : AC42874-001(T)(MSD)
Misc : A,PEST
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Feb 27 16:45:44 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0213.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Tue Feb 17 08:50:02 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



GC Pesticide Data
Logbook Data

Hampton-Clarke/Veritech

Method Blank No. WMB- 3476
Blank Spike (WMBS): 3473, 3476 Pest
Blank Spike (WMBS): 3469 Pcb

Date: 2/17/09
Matrix Spike: 42634-001, 42612-001
Matrix Spike: 42538-002

Extraction: Pest (3510C)/ PCB (3510C) / Herb (8151A) / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Extracted By/ Comments	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other					
MB 3476	X	X			1000ml	5ml	MeCl Rack #21	42634-001	EPA EF V-59413
MS 3476	X	X						3	
42683-001	12	12							
42707-001	13	13							
42684-001	14								
42684-002	15								
42684-003	16								
42684-004	17								
42684-005	18						42686-001		
42686-002	19							42612-001	
42612-002	20							1	1
MS 42612-001	X				500ml				
MSD 42612-001	X				100ml			2	2
42612-001	1							3	3
42612-003	2				100ml	5ml			
EFSPLP59413	X								

Cleanup: Acid ___ TBA ___ Copper ___ Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	L53079	(Pest) / PCB / Herb/ Other
↓	100	L58194	Pest / (PCB) / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	L59621	(Pest / PCB) / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCl2 L3858 Acetone _____ Hexane L3793 Na2SO4 L3780 Ether ____

MTBE _____ Other _____

Relinquished By: _____ Date: 2/17/09 Received
By: _____ Date: 2/18/09

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Hampton-Clarke/Veritech

Method Blank No. WMB- 3486
Blank Spike (WMBS): Pest: 3476, 3486
Blank Spike (WMBS): PCB: 3478

Date: 02/26/09
Matrix Spike: Pest: 42612-001, 42874-001
Matrix Spike: PCB: 42729-001

Extraction: Pest (3510C)/ PCB (3510C) / Herb (8151A) / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Extracted By/ Comments	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other					
MB 3486	x	x			1000ml	5.0ml	KR	42874	EF-1
MBS 3486	x	x			↓			-001	V-61190
42940-001	20	7			940ml				
MS 42874-001	x				100ml				
MSD 42874-001	x				↓				
42874-001	1				↓			1	2
42940-0023	2	8			930ml				
KR 42940-0035	3	9			↓				
42940-0047	4	10			500ml	2.5ml	~~½ SURR~~ Full SURR		
42940-0059	5	11			↓	↓	↓		
42940-011	6	12							
42940-013	7	13							
42940-029	8	14							
							Rack #49		

KR 02/26/09

Cleanup: Acid ___ TBA ___ Copper ___ Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	100	V-58194	Pest / PCB / Herb/ Other
↓	10	V-53079	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V-59621	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCL2 V-3858 Acetone _____ Hexane V-3792 Na2SO4 V-3780 Ether _____

MTBE _____ Other _____

Relinquished By: KR. Date: 02/26/09 Received
By: _____ Date: 2/27/09

Hampton-Clarke/Veritech

Method Blank No. WMB- 3488
Blank Spike (WMBS): PEST : 3486
Blank Spike (WMBS): PCB : 3478, 3488

Date: 3/2/09
Matrix Spike: PEST : 42874-001
Matrix Spike: PCB : 42729-001, 42940-027

Extraction: Pest (3510C) / PCB (3510C) / Herb (8151A) / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Extracted By/ Comments RACK #2	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other					
MB-3488	X	X			1000mL	5.0mL	ND	42874 001	EF-1 V-61190
MBS-3488	X	X			↓				
42940-015	9	15			900mL				
42940-017	10	16			910mL				
42940-019	11	17			910mL				
42940-021	12	18			900mL				
42940-023	13	19			990mL				
42940-025	14	20			920mL				
MS-42940-027		X			500mL				
MSD-42940-027		X							
42940-027	15	1			↓	2.5mL	Y2 SURR		
42975-022	16	2			910mL	5.0mL	RQ 3/4/09		
42975-023	17	3			970mL				
43007-001	18	4			960mL				
42945-001	19				100mL			2	3
42945-002	20				↓	↓	↓	3	4

Cleanup: Acid ___ TBA ___ Copper ___ Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50 ↓	100	V-58194	Pest / PCB / Herb/ Other
	10	V-53079	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V-59621	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCL2 V-3858 Acetone _____ Hexane V-3792 Na2SO4 V-3780 Ether ____

MTBE _____ Other _____

Relinquished By: _____ Date: 3/2/09 Received
By: _____ Date: 3/3/09

RUN LOG

Instrument: GC_5 Year: 2009
Analyst: JP

0933

1-1-5G20470

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5G20470.	CAL EVAL	Ee1=2.4;Ee2=3.9;	OK,V-58332	JP		Aqueous	1	1	608 8081	02/13 08:43
5G20471.	CAL PEST@200PPB		OK,V-53323, V-53322	JP		Aqueous	0.25	1	608 8081	02/13 09:59
5G20472.	200PPB	C8f	NOT USED	JP		Aqueous	0.25	1	608 8081	02/13 10:31
5G20473.	TEST	C8fS6S8	NOT USED	jp		Aqueous	1	1	608 8081	02/13 11:14
5G20474.	CAL EVAL	Ee1=2.9;Ee2=3.5;	OK,OK,V-58332	jp		Aqueous	1	1	608 8081	02/13 11:35
5G20475.	CAL PEST@400PPB	C16C26C18C28	NOT USED	jp		Aqueous	1	1	608 8081	02/13 11:53
5G20476.	CAL PEST@2PPB	C16C26C18C28	NOT USED	jp		Aqueous	1	1	608 8081	02/13 12:11
5G20477.	CAL PEST@10PPB	C16C26C18C28	NOT USED	jp		Aqueous	1	1	608 8081	02/13 12:30
5G20478.	CAL PEST@50PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 12:48
5G20479.	CAL PEST@100PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 13:06
5G20480.	CAL PEST@200PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 13:24
5G20481.	CAL PEST@400PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 13:42
5G20482.	CAL PEST@2PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 15:57
5G20483.	CAL PEST@10PPB		OK,OK,B-4437	jp		Aqueous	1	1	608 8081	02/13 16:16
5G20484.	CAL CHLOR@100PPB		OK,OK,V-53330	jp		Aqueous	1	1	608 8081	02/13 16:37
5G20485.	CAL TOX@500PPB		OK,OK,V-53328	jp		Aqueous	1	1	608 8081	02/13 16:55
5G20486.	ICV		OK,OK,V-53316	jp		Aqueous	1	1	608 8081	02/13 17:14
5G20487.	CAL EVAL	Ee1=4;Ee2=5.1;Ed	OK	JP		Aqueous	1	1	608 8081	02/13 17:37
5G20488.	AC42651-004		OK	JP	PE-608	Aqueous	1	1	608	02/13 17:55
5G20489.	AC42651-005		OK	JP	PE-608	Aqueous	1	1	608	02/13 18:14
5G20490.	AC42651-006		OK	JP	PE-608	Aqueous	1	1	608	02/13 18:32
5G20491.	AC42651-007		OK	JP	PE-608	Aqueous	1	1	608	02/13 18:50
5G20492.	AC42651-008		OK	JP	PE-608	Aqueous	1	1	608	02/13 19:08
5G20493.	AC42651-009		OK	JP	PE-608	Aqueous	1	1	608	02/13 19:26
5G20494.	AC42651-010		OK	JP	PE-608	Aqueous	1	1	608	02/13 19:45
5G20495.	AC42651-011		OK	JP	PE-608	Aqueous	1	1	608	02/13 20:03
5G20496.	AC42651-012		OK	JP	PE-608	Aqueous	1	1	608	02/13 20:21
5G20497.	AC42644-002(T)		OK	JP	PETCLP-808	Aqueous	1	1	8081	02/13 20:39
5G20498.	CAL PEST@200PPB		OK,OK,V-53322	JP		Aqueous	0.25	1	608 8081	02/13 20:57
5G20499.	400PPB	Cme	NOT USED	JP		Aqueous	0.125	1	608 8081	02/13 21:15

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tetn/Solvent Extraction Date Missinn/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tetn Extractinn Performed Outside of Hold	Evrc	Eval Mix missing drlt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collectinn Date	R18.R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Relantion Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckprepruna	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-5G20805

Instrument: GC_5 Year: 2008 0934
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5G20805.	CAL EVAL	Ee1=3.3:Ee2=4.1:	OK,V-58332	JP		Soil	1	1	8081	02/27 12:45
5G20806.	CAL PEST@100PPB		OK,V-53323	JP		Aqueous	0.5	1	608 8081	02/27 13:16
5G20807.	WMB3486		OK	JP		Aqueous	1	1	608 8081	02/27 13:34
5G20808.	WMB3486(MS)		OK WMB3486	JP		Aqueous	1	1	608 8081	02/27 13:52
5G20809.	AC42874-001(T)	Esm	OK WMB3486	JP	PETCLP-808	Aqueous	1	1	8081	02/27 14:10
5G20810.	AC42874-001(T)(MS)	Esm	OK WMB3486	JP	PETCLP-808	Aqueous	1	1	608 8081	02/27 14:29
5G20811.	AC42874-001(T)(MSD)	Esm	OK WMB3486	JP	PETCLP-808	Aqueous	1	1	608 8081	02/27 14:47
5G20812.	CAL PEST@100PPB	C16C26	OK	JP		Aqueous	0.5	1	608 8081	02/27 15:25

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclo Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or andrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calnot.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckprepruncls	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6G12334

Instrument: GC_6 Year: 2009 35
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6G12334.	CAL EVAL	Ee1=3.3:Ee2=5.9:	OK,V-58332	JP		Soil	1	1	8081	02/09 23:01
6G12335.	CAL PEST@400PPB	C16C26C18C28	MOT USED	JP		Soil	1	1	608 8081	02/09 23:16
6G12336.	CAL PEST@2PPB	C16C26C18C28	MOT USED	JP		Soil	1	1	608 8081	02/09 23:31
6G12337.	CAL PEST@10PPB	C16C26C18C28	MOT USED	JP		Soil	1	1	608 8081	02/09 23:46
6G12338.	CAL PEST@50PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 00:01
6G12339.	CAL PEST@100PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 00:16
6G12340.	CAL PEST@200PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 00:32
6G12341.	CAL PEST@400PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 00:47
6G12342.	CAL PEST@2PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 01:02
6G12343.	CAL PEST@10PPB		OK,B-4437	JP		Soil	1	1	608 8081	02/10 01:17
6G12344.	CAL CHLO@100PPB		OK,V-53330	JP		Soil	1	1	608 8081	02/10 01:32
6G12345.	CAL TOX@500PPB		OK,V-53328	JP		Soil	1	1	608 8081	02/10 01:47
6G12346.	ICV		OK,V-53316	JP		Soil	1	1	8081	02/10 02:02
6G12347.	CAL EVAL	Ee1=4.9:Ee2=5.9:	OK	JP		Soil	1	1	8081	02/10 02:17
6G12348.	SMB2161B		OK	JP		Soil	1	1	8081	02/10 02:32
6G12349.	SMB2161B(MS)		RR,OK	JP		Soil	1	1	8081	02/10 02:48
6G12350.	SMB2162B		OK	JP		Soil	1	1	8081	02/10 03:03
6G12351.	SMB2162B(MS)		OK SMB2162B	JP		Soil	1	1	8081	02/10 03:18
6G12352.	AC42499-008		OK	JP	PE-8081	Soil	1	1	8081	02/10 03:33
6G12353.	AC42499-014		OK	JP	PE-8081	Soil	1	1	8081	02/10 03:48
6G12354.	AC42499-016		OK	JP	PE-8081	Soil	1	1	8081	02/10 04:03
6G12355.	AC42499-017		OK	JP	PE-8081	Soil	1	1	8081	02/10 04:18
6G12356.	AC42499-018		OK	JP	PE-8081	Soil	1	1	8081	02/10 04:33
6G12357.	AC42499-019		OK	JP	PE-8081	Soil	1	1	8081	02/10 04:48
6G12358.	AC42499-020		OK	JP	PE-8081	Soil	1	1	8081	02/10 05:03
6G12359.	AC42499-021		OK	JP	PE-8081	Soil	1	1	8081	02/10 05:18
6G12360.	AC42546-001		OK	JP	PE-8081	Soil	1	1	8081	02/10 05:34
6G12361.	AC42546-002		OK	JP	PE-8081	Soil	1	1	8081	02/10 05:49
6G12362.	AC42546-003		OK	JP	PE-8081	Soil	1	1	8081	02/10 06:04
6G12363.	AC42546-004		OK	JP	PE-8081	Soil	1	1	8081	02/10 06:19
6G12364.	AC42546-005		OK	JP	PE-8081	Soil	1	1	8081	02/10 06:34
6G12365.	AC42499-007		OK	JP	PE-8081	Soil	1	1	8081	02/10 06:49
6G12366.	AC42499-006		RR 2X,OK	JP	PE-8081	Soil	1	1	8081	02/10 07:04
6G12367.	CAL PEST@200PPB		OK,V-53323, V-53322	JP		Soil	0.25	1	608 8081	02/10 08:22
6G12368.	CAL EVAL	Ee1=1.2:Ee2=3.4:	OK	JP		Soil	1	1	8081	02/10 09:08
6G12369.	AC42524-003		OK	JP	PE-8081	Soil	1	1	8081	02/10 09:34
6G12370.	AC42524-003(MS)		OK	JP	PE-8081	Soil	1	1	8081	02/10 09:49
6G12371.	AC42524-003(MSD)		OK	JP	PE-8081	Soil	1	1	8081	02/10 10:04
6G12372.	AC42524-001		OK	JP	PE-8081	Soil	1	1	8081	02/10 10:23
6G12373.	AC42524-002		OK	JP	PE-8081	Soil	1	1	8081	02/10 10:38
6G12374.	AC42524-004		OK	JP	PE-8081	Soil	1	1	8081	02/10 10:54
6G12375.	AC42524-005		OK	JP	PE-8081	Soil	1	1	8081	02/10 11:09
6G12376.	AC42524-006		OK	JP	PE-8081	Soil	1	1	8081	02/10 11:26
6G12377.	AC42524-007		OK	JP	PE-8081	Soil	1	1	8081	02/10 11:41
6G12378.	AC42524-008		OK	JP	PE-8081	Soil	1	1	8081	02/10 11:56
6G12379.	AC42524-009		OK	JP	PE-8081	Soil	1	1	8081	02/10 12:14
6G12380.	AC42524-010		OK	JP	PE-8081	Soil	1	1	8081	02/10 12:30
6G12381.	AC42524-011		OK	JP	PE-8081	Soil	1	1	8081	02/10 12:45
6G12382.	AC42524-012		OK	JP	PE-8081	Soil	1	1	8081	02/10 13:00
6G12383.	AC42524-013		OK	JP	PE-8081	Soil	1	1	8081	02/10 13:15
6G12384.	AC42524-014		OK	JP	PE-8081	Soil	1	1	8081	02/10 13:30
6G12385.	AC42499-006(2X)		USE STRAIGHT RUN	JP	PE-8081	Soil	2	2	8081	02/10 13:45
6G12386.	CAL PEST@200PPB	C26	OK	JP		Soil	0.25	1	608 8081	02/10 14:35
6G12387.	MBS2161B		RR MBS2161B	JP		Soil	1	1	8081	02/10 14:54
6G12388.	MBS2163B		RR MBS2163B	JP		Soil	1	1	8081	02/10 15:09
6G12389.	MBS2161B		RR MBS2161B	JP		Soil	1	1	8081	02/10 15:25
6G12390.	SMB2163B		OK	JP		Soil	1	1	8081	02/10 15:40
6G12391.	CAL PEST@200PPB	C16C26	OK	JP		Soil	0.25	1	608 8081	02/10 16:29

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/nuodates modcheckprepruns	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibratinn
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GC_6 Year: 2000
Analyst: JP

1-1-6G12535

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6G12535.	CAL EVAL	Ee1=2.3:Ee2=3.1:	OK,V-58332	JP		Soil	1	1	8081	02/18 02:01
6G12536.	CAL PEST@100PPB		OK,V-53323, V-53322	JP		Soil	0.5	1	608 8081	02/18 02:16
6G12537.	200PPB		NOT USED	JP		Soil	0.25	1	8081	02/18 02:31
6G12538.	AC42703-001		OK	JP	PE-8081	Soil	1	1	8081	02/18 02:46
6G12539.	AC42703-002		OK	JP	PE-8081	Soil	1	1	8081	02/18 03:01
6G12540.	AC42703-003		OK	JP	PE-8081	Soil	1	1	8081	02/18 03:17
6G12541.	AC42703-004		OK	JP	PE-8081	Soil	1	1	8081	02/18 03:32
6G12542.	AC42703-005		OK	JP	PE-8081	Soil	1	1	8081	02/18 03:47
6G12543.	AC42703-006		OK	JP	PE-8081	Soil	1	1	8081	02/18 04:02
6G12544.	AC42703-007		OK	JP	PE-8081	Soil	1	1	8081	02/18 04:17
6G12545.	AC42703-008		OK	JP	PE-8081	Soil	1	1	8081	02/18 04:32
6G12546.	AC42703-009		OK	JP	PE-8081	Soil	1	1	8081	02/18 04:47
6G12547.	AC42703-010		OK	JP	PE-8081	Soil	1	1	8081	02/18 05:02
6G12548.	AC42706-001		OK	JP	PE-8081	Soil	1	1	8081	02/18 05:17
6G12549.	AC42706-002		OK	JP	PE-8081	Soil	1	1	8081	02/18 05:33
6G12550.	AC42706-003		OK	JP	PE-8081	Soil	1	1	8081	02/18 05:48
6G12551.	AC42706-004		OK	JP	PE-8081	Soil	1	1	8081	02/18 06:03
6G12552.	AC42706-005		OK	JP	PE-8081	Soil	1	1	8081	02/18 06:18
6G12553.	AC42706-006		OK	JP	PE-8081	Soil	1	1	8081	02/18 06:33
6G12554.	AC42706-007		OK	JP	PE-8081	Soil	1	1	8081	02/18 06:48
6G12555.	CAL PEST@200PPB		OK	JP		Soil	0.25	1	608 8081	02/18 08:09
6G12556.	WMB3476		OK	JP		Aqueous	1	1	608 8081	02/18 08:32
6G12557.	WMB3476(MS)		RR WMB3476	JP		Aqueous	1	1	608 8081	02/18 08:47
6G12558.	CAL EVAL	Ee1=1.9:Ee2=1.4:	OK	JP		Aqueous	1	1	608 8081	02/18 09:02
6G12559.	AC42702-001		OK,REX	JP	PE-608	Aqueous	1	1	608	02/18 09:17
6G12560.	AC42684-001		OK	JP	PE-608	Aqueous	1	1	608	02/18 09:32
6G12561.	AC42684-002		OK	JP	PE-608	Aqueous	1	1	608	02/18 09:47
6G12562.	AC42684-003		RR 20X	JP	PE-608	Aqueous	1	1	608	02/18 10:02
6G12563.	AC42684-004		OK	JP	PE-608	Aqueous	1	1	608	02/18 10:17
6G12564.	AC42686-001		OK	JP	PE-608	Aqueous	1	1	608	02/18 10:32
6G12565.	AC42686-002		OK	JP	PE-608	Aqueous	1	1	608	02/18 10:47
6G12566.	AC42684-003(20X)		OK	JP	PE-608	Aqueous	20	20	608	02/18 11:10
6G12567.	AC42612-001(T)		OK	JP	PESPLP-808	Aqueous	1	1	8081	02/18 11:28
6G12568.	AC42612-001(T)(MS)	TmwMnc	RR	JP	PESPLP-808	Aqueous	1	1	608 8081	02/18 11:43
6G12569.	AC42612-001(T)(MSD)	TmwMnc	RR	JP	PESPLP-808	Aqueous	1	1	608 8081	02/18 11:58
6G12570.	AC42612-002(T)		OK	JP	PESPLP-808	Aqueous	1	1	8081	02/18 12:13
6G12571.	AC42683-001(T)		RR 3X	JP	PETCLP-808	Aqueous	1	1	8081	02/18 12:28
6G12572.	AC42612-003(T)		OK	JP	PESPLP-808	Aqueous	1	1	8081	02/18 12:43
6G12573.	EF SPLP V-59413		OK	JP		Aqueous	1	1	8081	02/18 12:58
6G12574.	AC42683-001(3X)		OK	JP	PETCLP-808	Aqueous	3	3	8081	02/18 13:29
6G12575.	CAL PEST@200PPB C26		OK	JP		Aqueous	0.25	1	608 8081	02/18 15:15

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18.R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hn	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckpreprundat	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

1-1-6G12576

RUN LOG

Instrument: GC_6 Year: 2008
Analyst: JP

0937

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6G12576.	CAL EVAL	Ee1=4.8:Ee2=5.5:	OK,V-58332	JP		Aqueous	1	1	608 8081	02/19 00:01
6G12577.	100PPB	Cn	NOT USED	JP		Aqueous	0.5	1	608 8081	02/19 00:16
6G12578.	CAL PEST@200PPB		OK,V-53323, V-53322,OK,V-53323, V-	JP		Aqueous	0.25	1	608 8081	02/19 00:31
6G12579.	WMB3476(MS)		OK WMB3476	JP		Aqueous	1	1	608 8081	02/19 00:47
6G12580.	AC42612-001(T)(MS)	Esm	OK WMB3476	JP	PESPLP-808	Aqueous	1	1	608 8081	02/19 01:02
6G12581.	AC42612-001(T)(MSD	Esm	OK WMB3476	JP	PESPLP-808	Aqueous	1	1	608 8081	02/19 01:17
6G12582.	SMB2169B		OK	JP		Soil	1	1	8081	02/19 01:32
6G12583.	SMB2169B(MS)		OK SMB2169B	JP		Soil	1	1	8081	02/19 01:47
6G12584.	AC42726-003		OK	JP	PE-8081	Soil	1	1	8081	02/19 02:02
6G12585.	AC42726-006		OK	JP	PE-8081	Soil	1	1	8081	02/19 02:17
6G12586.	AC42726-009		OK	JP	PE-8081	Soil	1	1	8081	02/19 02:33
6G12587.	AC42726-012		OK	JP	PE-8081	Soil	1	1	8081	02/19 02:48
6G12588.	AC42706-019		OK	JP	PE-8081	Soil	1	1	8081	02/19 03:03
6G12589.	AC42706-008		OK	JP	PE-8081	Soil	1	1	8081	02/19 03:18
6G12590.	AC42706-009		OK	JP	PE-8081	Soil	1	1	8081	02/19 03:33
6G12591.	AC42706-010		OK	JP	PE-8081	Soil	1	1	8081	02/19 03:48
6G12592.	AC42706-011		OK	JP	PE-8081	Soil	1	1	8081	02/19 04:03
6G12593.	AC42706-012		OK	JP	PE-8081	Soil	1	1	8081	02/19 04:18
6G12594.	AC42706-013		OK	JP	PE-8081	Soil	1	1	8081	02/19 04:34
6G12595.	AC42706-014		OK	JP	PE-8081	Soil	1	1	8081	02/19 04:49
6G12596.	AC42706-015		OK	JP	PE-8081	Soil	1	1	8081	02/19 05:04
6G12597.	AC42706-016		OK	JP	PE-8081	Soil	1	1	8081	02/19 05:19
6G12598.	AC42706-017		OK	JP	PE-8081	Soil	1	1	8081	02/19 05:34
6G12599.	100PPB	Tm	NOT USED	JP		Soil	0.5	1	8081	02/19 08:20
6G12600.	CAL PEST@100PPB	C16	OK	JP		Soil	0.5	1	608 8081	02/19 08:46
6G12601.	CAL EVAL	Ee1=3.1:Ee2=3.5:	OK	JP		Soil	1	1	8081	02/19 09:07
6G12602.	SMB2171B		OK	JP		Soil	1	1	8081	02/19 09:25
6G12603.	SMB2171B(MS)		OK SMB2171B	JP		Soil	1	1	8081	02/19 09:40
6G12604.	SMB2170B		OK	JP		Soil	1	1	8081	02/19 09:56
6G12605.	SMB2170B(MS)		OK SMB2170B	JP		Soil	1	1	8081	02/19 10:11
6G12606.	AC42781-002		OK SMB2170B	JP	PE-8081	Soil	1	1	8081	02/19 10:26
6G12607.	AC42781-002(MS)		OK SMB2170B	JP	PE-8081	Soil	1	1	8081	02/19 10:41
6G12608.	AC42781-002(MSD)		OK SMB2170B	JP	PE-8081	Soil	1	1	8081	02/19 10:56
6G12609.	AC42706-018		REX	JP	PE-8081	Soil	1	1	8081	02/19 11:11
6G12610.	AC42587-007		OK	JP	PE-8081	Soil	1	1	8081	02/19 12:10
6G12611.	AC42587-008		OK	JP	PE-8081	Soil	1	1	8081	02/19 12:25
6G12612.	AC42587-010		OK	JP	PE-8081	Soil	1	1	8081	02/19 12:40
6G12613.	AC42750-001		OK	JP	PE-8081	Soil	1	1	8081	02/19 12:55
6G12614.	AC42750-002		OK	JP	PE-8081	Soil	1	1	8081	02/19 13:10
6G12615.	AC42750-005		OK	JP	PE-8081	Soil	1	1	8081	02/19 13:25
6G12616.	AC42730-007		OK	JP	PE-8081	Soil	1	1	8081	02/19 13:41
6G12617.	CAL PEST@400PPB	C26	OK	JP		Soil	0.125	1	608 8081	02/19 15:01
6G12618.	400PPB	Cme	NOT USED	JP		Soil	0.125	1	8081	02/19 15:31

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tnln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tnln Extraction Performed Outside of Hold	Evrc	Eval Mix missing drlt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GC_6 Year: 2000
Analyst: JP

1-1-6G12801

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6G12801.	CAL EVAL	Ee1=6.6:Ee2=7.8:	OK	JP		Soil	1	1	8081	02/27 02:01
6G12802.	CAL PEST@400PPB	C16C26C18C28	NOT USED	JP		Soil	1	1	608 8081	02/27 02:16
6G12803.	CAL PEST@2PPB		OK,B-5266	JP		Soil	1	1	608 8081	02/27 02:31
6G12804.	CAL PEST@10PPB		OK,B-5266	JP		Soil	1	1	608 8081	02/27 02:46
6G12805.	CAL PEST@50PPB		OK,B-5266	JP		Soil	1	1	608 8081	02/27 03:02
6G12806.	CAL PEST@100PPB		OK,B-5266	JP		Soil	1	1	608 8081	02/27 03:17
6G12807.	CAL PEST@200PPB		OK,B-5266	JP		Soil	1	1	608 8081	02/27 03:32
6G12808.	CAL PEST@400PPB		OK,B-5266	JP		Soil	1	1	608 8081	02/27 03:47
6G12809.	CAL CHLO@100PPB		OK,V-53330	JP		Soil	1	1	608 8081	02/27 04:02
6G12810.	CAL TOX@500PPB		OK,V-53328	JP		Soil	1	1	608 8081	02/27 04:17
6G12811.	ICV		OK,V-61469	JP		Soil	1	1	8081	02/27 04:32
6G12812.	AC42820-006		OK	JP	PE-8081	Soil	1	1	8081	02/27 04:47
6G12813.	AC42820-010		OK	JP	PE-8081	Soil	1	1	8081	02/27 05:03
6G12814.	AC42930-001		OK	JP	PE-8081	Soil	1	1	8081	02/27 05:18
6G12815.	AC42820-007		OK	JP	PE-8081	Soil	1	1	8081	02/27 05:33
6G12816.	AC42820-009		OK	JP	PE-8081	Soil	1	1	8081	02/27 05:48
6G12817.	100PPB		NOT USED	JP		Soil	0.25	1	8081	02/27 09:42
6G12818.	CAL PEST@50PPB		OK,V-61466	JP		Soil	1	1	608 8081	02/27 13:29
6G12819.	CAL EVAL	Ee1=2.2:Ee2=1.5:	OK	JP		Soil	1	1	8081	02/27 13:50
6G12820.	AC42940-001		OK	JP	PE-608	Aqueous	1	1	608	02/27 14:09
6G12821.	AC42940-003		OK	JP	PE-608	Aqueous	1	1	608	02/27 14:24
6G12822.	AC42940-005		OK	JP	PE-608	Aqueous	1	1	608	02/27 14:39
6G12823.	AC42940-007		OK	JP	PE-608	Aqueous	0.5	1	608	02/27 14:54
6G12824.	AC42940-013		OK	JP	PE-608	Aqueous	0.5	1	608	02/27 15:10
6G12825.	AC42940-009		OK	JP	PE-608	Aqueous	0.5	1	608	02/27 15:25
6G12826.	AC42940-011		OK	JP	PE-608	Aqueous	0.5	1	608	02/27 15:40
6G12827.	AC42940-029		OK	JP	PE-608	Aqueous	0.5	1	608	02/27 15:55
6G12828.	CAL PEST@200PPB	C16C26	OK	JP		Aqueous	0.25	1	608 8081	02/27 16:10
6G12829.	100PPB	CmeC6f	NOT USED	JP		Aqueous	0.5	1	608 8081	02/27 16:29

Anc	Area Not Checked	En	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tetn/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tetn Extraction Performed Outside of Hold	Evnc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endinn Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	Problem Checkinn Prep/rundates modcheckpreprund	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GC_5 Year: 2008 Analyst: JP

0939

1-1-5G20894

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5G20894.	CAL EVAL	Ee1=3.5;Ee2=5.6;	OK	JP		Soil	1	1	8081	03/03 09:10
5G20895.	400PPB	Cn	NOT USED	JP		Soil	0.125	1	8081	03/03 10:43
5G20896.	CAL PEST@400PPB		OK	JP		Soil	0.125	1	608 8081	03/03 11:21
5G20897.	WMB3488		OK	JP		Aqueous	1	1	608 8081	03/03 11:45
5G20898.	WMB3488(MS)		OK WMB3488	JP		Aqueous	1	1	608 8081	03/03 12:03
5G20899.	AC42975-023		OK,REX	JP	PE-608	Aqueous	1	1	608	03/03 12:22
5G20900.	AC42945-001(T)		OK	JP	PETCLP-808	Aqueous	1	1	8081	03/03 12:40
5G20901.	AC42945-002(T)		OK	JP	PETCLP-808	Aqueous	1	1	8081	03/03 12:58
5G20902.	CAL PEST@100PPB		OK	JP		Aqueous	0.5	1	608 8081	03/03 13:41
5G20903.	AC42975-022		OK	JP	PE-608	Aqueous	1	1	608	03/03 14:01
5G20904.	SMB2182B(MS)		OK SMB2182B	JP		Soil	1	1	8081	03/03 14:19
5G20905.	SMB2182B		OK	JP		Soil	1	1	8081	03/03 14:37
5G20906.	AC42982-001		OK	JP	PE-8081	Soil	1	1	8081	03/03 14:55
5G20907.	AC42982-002		OK	JP	PE-8081	Soil	1	1	8081	03/03 15:13
5G20908.	AC43007-001		OK	JP	PE-608	Aqueous	1	1	608	03/03 15:31
5G20909.	SMB2183B(MS)		OK	JP		Soil	1	1	8081	03/03 15:49
5G20910.	SMB2183B		OK	JP		Soil	1	1	8081	03/03 16:08
5G20911.	100PPB		NOT USED	JP		Soil	0.5	1	8081	03/03 16:26
5G20912.	400PPB		NOT USED	JP		Soil	0.125	1	8081	03/03 16:44
5G20913.	AC42940-015	Tmw	RR	JP	ERROR	Aqueous	1	1	608 8081	03/03 17:02
5G20914.	AC42940-017	Tmw	OK	JP	ERROR	Aqueous	1	1	608 8081	03/03 17:20
5G20915.	AC42940-019	Tmw	OK	JP	ERROR	Aqueous	1	1	608 8081	03/03 17:38
5G20916.	AC42940-021	Tmw	OK	JP	ERROR	Aqueous	1	1	608 8081	03/03 17:56
5G20917.	AC42940-023	Tmw	OK	JP	ERROR	Aqueous	1	1	608 8081	03/03 18:14
5G20918.	AC42940-025	Tmw	OK	JP	ERROR	Aqueous	1	1	608 8081	03/03 18:33
5G20919.	AC42940-027	Tmw	OK	JP	ERROR	Aqueous	1	1	608 8081	03/03 18:51
5G20920.	100PPB	Tmw	OK	JP		Aqueous	0.5	1	608 8081	03/03 19:09
5G20921.	CAL PEST@400PPB	C16C26	OK	JP		Aqueous	0.125	1	608 8081	03/03 19:27

Anc	Area Not Checked	Ec	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tnln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tnln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calcrot.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cma	Endinn Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-5G20922

Instrument: GC_5 Year: 2000940
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)		Analysis Date
5G20922.	CAL EVAL	Ee1=4.1:Ee2=4:Ed	OK,V-58332	JP		Aqueous	1	1	608	8081	03/04 07:59
5G20923.	100PPB	Cn	NOT USED	JP		Aqueous	1	1	608	8081	03/04 08:40
5G20924.	CAL PEST@100PPB		OK,V-61465,V-61464	JP		Aqueous	0.5	1	608	8081	03/04 09:05
5G20925.	WMB3490		OK	JP		Aqueous	1	1	608	8081	03/04 09:31
5G20926.	WMB3490(MS)		OK WMB3490	JP		Aqueous	1	1	608	8081	03/04 09:49
5G20927.	AC43008-002(T)(MS)		OK WMB3490	JP	PETCLP-808	Aqueous	1	1	608	8081	03/04 10:07
5G20928.	AC43008-002(T)(MSD)		OK WMB3490	JP	PETCLP-808	Aqueous	1	1	608	8081	03/04 10:26
5G20929.	AC43008-002(T)		OK WMB3490	JP	PETCLP-808	Aqueous	1	1		8081	03/04 10:44
5G20930.	AC43008-004(T)		OK	JP	PETCLP-808	Aqueous	1	1		8081	03/04 11:02
5G20931.	AC43008-006(T)		OK	JP	PETCLP-808	Aqueous	1	1		8081	03/04 11:20
5G20932.	AC43008-008(T)		OK	JP	PETCLP-808	Aqueous	1	1		8081	03/04 11:38
5G20933.	AC43008-010(T)		OK	JP	PETCLP-808	Aqueous	1	1		8081	03/04 11:56
5G20934.	AC42958-001(T)		OK	JP	PETCLP-808	Aqueous	1	1		8081	03/04 12:14
5G20935.	EF-1 V-61687		OK	JP		Aqueous	1	1		8081	03/04 12:33
5G20936.	EF-2 V-60229		OK	JP		Aqueous	1	1		8081	03/04 12:51
5G20937.	CAL PEST@100PPB		OK	JP		Aqueous	0.5	1	608	8081	03/04 13:09
5G20938.	AC42940-015		OK	JP	PE-608	Aqueous	1	1	608		03/04 13:27
5G20939.	SMB2185B(MS)		OK SMB2185B	JP		Soil	1	1		8081	03/04 13:46
5G20940.	SMB2185B		OK	JP		Soil	1	1		8081	03/04 14:04
5G20941.	CAL PEST@200PPB		OK	JP		Soil	0.25	1	608	8081	03/04 14:43
5G20942.	AC42992-001		RR	JP	PE-8081	Soil	1	1		8081	03/04 15:21
5G20943.	AC42992-001(MS)		OK	JP	PE-8081	Soil	1	1		8081	03/04 15:40
5G20944.	AC42992-001(MSD)		OK	JP	PE-8081	Soil	1	1		8081	03/04 15:58
5G20945.	AC42992-002		RR	JP	PE-8081	Soil	1	1		8081	03/04 16:16
5G20946.	AC42992-003		OK	JP	PE-8081	Soil	1	1		8081	03/04 16:34
5G20947.	AC42992-004		REX	JP	PE-8081	Soil	1	1		8081	03/04 16:52
5G20948.	AC42992-005		OK	JP	PE-8081	Soil	1	1		8081	03/04 17:10
5G20949.	200PPB		NOT USED	JP		Soil	0.25	1		8081	03/04 17:28
5G20950.	CAL PEST@400PPB	C16C26	OK	JP		Soil	0.125	1	608	8081	03/04 17:47

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Toln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Toln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18.R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eha	Ao Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Pren/rundates modcheckpreprundat	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-50725

Prepared By: Desai, Kinjal
Description: PEST/PCB SURR
Prep Date: 8/26/2008
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2833	Acetone	100 ml	neat neat	
2886	2,4,5,6-Tetrachloro-m-xylene	20 mg	neat neat	200 ppm
2885	Decachlorobiphenyl	20 mg	neat neat	200 ppm

Veritech Lot Number: V-51078

Prepared By: Shah, Meghaben A.
Description: PEST SPIKE
Prep Date: 9/2/2008
Expiration Date: 3/1/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3479	Acetone	9950 ul	neat neat	10 ppm
3002	CLP Pesticides Mix	50 ul	2000 ppm	10 ppm

Veritech Lot Number: V-53079

Prepared By: Shah, Meghaben A.
Description: PEST SPIKE
Prep Date: 10/1/2008
Expiration Date: 3/30/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3513	acetone	99.5 ml	neat neat	10 ppm
3002	CLP Pesticides Mix	.5 ml	2000 ppm	10 ppm

Veritech Lot Number: V-53309

Prepared By: Patel, Jignesh
Description: PEST-INTERM.
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	4700 ul	neat neat	
3241	PESTICIDES MIX	50 ul	1000 ppm	10 ppm
v-50725	PEST/PCB SURR	250 ul	200 ppm	10 ppm

Veritech Lot Number: V-53316

Prepared By: Patel, Jignesh
Description: ICV-PEST
Prep Date: 10/6/2008
Expiration Date: 3/1/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-51078	PEST SPIKE	100 ul	10 ppm	100 ppb
3590	hexanes	9895 ul	neat neat	
V-50725	PEST/PCB SURR	5 ul	200 ppm	100 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53321

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 400 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	48000 ul	neat neat	
V-53309	PEST-INTERM.	2000 ul	10 ppm	400 ppb

Veritech Lot Number: V-53322

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 200 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49000 ul	neat neat	
V-53309	PEST-INTERM.	1000 ul	10 ppm	200 ppb

Veritech Lot Number: V-53323

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 100 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49500 ul	neat neat	
V-53309	PEST-INTERM.	500 ul	10 ppm	100 ppb

Veritech Lot Number: V-53324

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 50 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49750 ul	neat neat	
V-53309	PEST-INTERM.	250 ul	10 ppm	50 ppb

Veritech Lot Number: V-53325

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 10 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49950 ul	neat neat	
V-53309	PEST-INTERM.	50 ul	10 ppm	10 ppb

Veritech Lot Number: V-53326

Prepared By: Patel, Jignesh
Description: pest WS
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber: B-4437
Concentration: 2 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	49990 ul	neat neat	
V-53309	PEST-INTERM.	10 ul	10 ppm	2 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53327

Prepared By: Patel, Jignesh
Description: TOXAPHENE- INTERMEDIATE
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2654	TOXAPHENE	50 ul	1000 ppm	50 ppm
3590	hexanes	925 ul	neat neat	neat
V-50725	PEST/PCB SURR	25 ul	200 ppm	50 ppm

Veritech Lot Number: V-53328

Prepared By: Patel, Jignesh
Description: TOXAPHENE
Prep Date: 10/6/2008
Expiration Date: 4/3/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-53327	TOXAPHENE- INTERMEDIATE	100 ul	50 ppm	500 ppb
3590	hexanes	9900 ul	neat neat	

Veritech Lot Number: V-53329

Prepared By: Patel, Jignesh
Description: CHLORDANE INTERMED.
Prep Date: 10/6/2008
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	940 ul	neat neat	
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
2577	CHLORDANE	10 ul	1000 ppm	10 ppm

Veritech Lot Number: V-53330

Prepared By: Patel, Jignesh
Description: CHLORDANE
Prep Date: 10/6/2008
Expiration Date: 3/31/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3590	hexanes	9900 ul	neat neat	
V-53329	CHLORDANE INTERMED.	100 ul	10 ppm	100 ppb

Veritech Lot Number: V-58332

Prepared By: Patel, Jignesh
Description: EVAL MIX
Prep Date: 1/5/2009
Expiration Date: 6/4/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 25 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3761	Hexanes	24982.5 ul	neat neat	
V-50725	PEST/PCB SURR	12.5 ul	200 ppm	100 ppb
3222	DDT/Endrin Mix	5 ul	500 ppm	100 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-59621

Prepared By:	Shah, Meghaben A.	Department:	Organics
Description:	PEST/PCB SURROGATE	BatchNumber:	
Prep Date:	1/26/2009	Concentration:	10 ppm
Expiration Date:	7/25/2009	Final Volume:	500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3740	Acetone	475 ml	neat neat	10 ppm
V-50725	PEST/PCB SURR	25 ml	200 ppm	10 ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2577

Description
CHLORDANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48065-U	LB37613	06/25/07	03/31/09	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 2654

Description
TOXAPHENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F106BS	381-29A	07/24/07	04/30/09	Revolus, Jean	1	5ml	1000	PPM

Veritech Control/Receipt Number: 2833

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A40-4	072330	10/29/07	10/28/09	Lopez, Jose	24	4L	neat	neat

Veritech Control/Receipt Number: 2885

Description
Decachlorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2537	LB51032	11/19/07	08/31/10	Hamid, Akmal	2	100m	neat	neat

Veritech Control/Receipt Number: 2886

Description
2,4,5,6-Tetrachloro-m-xylene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2298	LB51139	11/19/07	08/31/10	Hamid, Akmal	1	1000	neat	neat

Veritech Control/Receipt Number: 3002

Description
CLP Pesticides Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	47426-U	LB41708	01/25/08	08/31/09	Revolus, Jean	2	1ML	2000	PPM

Veritech Control/Receipt Number: 3222

Description
DDT/Endrin Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48282	LB52469	04/14/08	10/31/10	Revolus, Jean	2	1ml	500	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3241

Description
PESTICIDES MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8081-SC	B5030186-2B	04/15/08	04/03/11	Revolus, Jean	2	1ML	1000	PPM

Veritech Control/Receipt Number: 3479

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G15E38	07/22/08	07/21/10	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3513

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9254 03	E48E51	08/05/08	08/04/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3590

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T baker	9262-03	G35E38	09/05/08	09/04/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Control/Receipt Number: 3740

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	11/11/08	11/10/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3761

Description
Hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926203	G36E59	11/25/08	11/24/09	Okomeng, Maxwel	16	4LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3780

Description
Sodium Sulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Seidler	140104	401203	12/09/08	12/08/10	Lopez, Jose	4	100lb	neat	neat

Veritech Control/Receipt Number: 3792

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G44E07	12/23/08	12/22/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3858

Description
methylene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G54403	01/20/09	01/19/11	Okomeng, Maxwel	120	4LT	neat	neat

Metal Data

Metal Data
Sample Data

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-1 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-39-3	Barium	25	130	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7439-89-6	Iron	150	2600	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7439-95-4	Magnesium	1000	36000	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7439-96-5	Manganese	25	560	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	14	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-09-7	Potassium	2500	7500	0.5	03/04/09	9998	A9998B2	13	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-23-5	Sodium	2500	260000	0.5	03/04/09	9998	A9998B2	13	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	14	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-002	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-1 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-39-3	Barium	25	110	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7439-95-4	Magnesium	1000	36000	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7439-96-5	Manganese	25	550	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	18	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-09-7	Potassium	2500	7500	0.5	03/04/09	9998	A9998B2	21	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-23-5	Sodium	2500	260000	0.5	03/04/09	9998	A9998B2	21	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	22	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-003	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-2 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	540	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-39-3	Barium	25	210	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-70-2	Calcium	1000	98000	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7439-89-6	Iron	150	1200	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7439-92-1	Lead	5.0	14	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7439-95-4	Magnesium	1000	33000	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7439-96-5	Manganese	25	210	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	19	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-09-7	Potassium	2500	12000	0.5	03/04/09	9998	A9998B2	22	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-23-5	Sodium	2500	230000	0.5	03/04/09	9998	A9998B2	22	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	23	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-2 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-39-3	Barium	25	200	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-70-2	Calcium	1000	100000	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7439-95-4	Magnesium	1000	33000	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7439-96-5	Manganese	25	170	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	20	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-09-7	Potassium	2500	12000	0.5	03/04/09	9998	A9998B2	23	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-23-5	Sodium	2500	230000	0.5	03/04/09	9998	A9998B2	23	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	24	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-005	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-3 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-39-3	Barium	25	130	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7439-89-6	Iron	150	770	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7439-95-4	Magnesium	1000	35000	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7439-96-5	Manganese	25	480	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	23	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-09-7	Potassium	2500	7700	0.5	03/04/09	9998	A9998B2	24	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-23-5	Sodium	2500	170000	0.5	03/04/09	9998	A9998B2	24	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	25	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-006	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-3 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-39-3	Barium	25	120	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7439-95-4	Magnesium	1000	35000	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7439-96-5	Manganese	25	460	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	24	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-09-7	Potassium	2500	7800	0.5	03/04/09	9998	A9998B2	25	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-23-5	Sodium	2500	170000	0.5	03/04/09	9998	A9998B2	25	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	26	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-007	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-4 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-39-3	Barium	25	140	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7439-89-6	Iron	150	4500	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7439-95-4	Magnesium	1000	34000	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7439-96-5	Manganese	25	480	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	25	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-09-7	Potassium	2500	7600	0.5	03/04/09	9998	A9998B2	30	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-23-5	Sodium	2500	180000	0.5	03/04/09	9998	A9998B2	30	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	31	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-008	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-4 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-39-3	Barium	25	120	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7439-95-4	Magnesium	1000	33000	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7439-96-5	Manganese	25	490	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	26	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-09-7	Potassium	2500	7500	0.5	03/04/09	9998	A9998B2	31	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-23-5	Sodium	2500	170000	0.5	03/04/09	9998	A9998B2	31	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	32	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-009	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-5 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	620	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-39-3	Barium	25	220	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-70-2	Calcium	1000	99000	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7439-89-6	Iron	150	32000	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7439-92-1	Lead	5.0	13	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7439-95-4	Magnesium	1000	30000	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7439-96-5	Manganese	25	2500	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	27	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-09-7	Potassium	2500	13000	0.5	03/04/09	9998	A9998B2	32	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-23-5	Sodium	2500	150000	0.5	03/04/09	9998	A9998B2	32	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	33	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-010	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-5 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-39-3	Barium	25	140	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-70-2	Calcium	1000	98000	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7439-89-6	Iron	150	5000	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7439-95-4	Magnesium	1000	30000	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7439-96-5	Manganese	25	2400	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	28	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-09-7	Potassium	2500	13000	0.5	03/04/09	9998	A9998B2	33	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-23-5	Sodium	2500	150000	0.5	03/04/09	9998	A9998B2	33	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	34	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-011	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-6 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	270	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-39-3	Barium	25	130	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7439-89-6	Iron	150	8400	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7439-95-4	Magnesium	1000	34000	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7439-96-5	Manganese	25	1300	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	29	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-09-7	Potassium	2500	18000	0.5	03/04/09	9998	A9998B2	34	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-23-5	Sodium	2500	150000	0.5	03/04/09	9998	A9998B2	34	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	35	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-012	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-6 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-39-3	Barium	25	91	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-70-2	Calcium	1000	120000	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7439-95-4	Magnesium	1000	34000	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7439-96-5	Manganese	25	1300	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	30	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-09-7	Potassium	2500	18000	0.5	03/04/09	9998	A9998B2	35	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-23-5	Sodium	2500	150000	0.5	03/04/09	9998	A9998B2	35	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	36	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-013	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-7 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	9500	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-39-3	Barium	25	230	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-70-2	Calcium	1000	79000	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-50-8	Copper	25	34	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7439-89-6	Iron	150	19000	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7439-92-1	Lead	5.0	150	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7439-95-4	Magnesium	1000	24000	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7439-96-5	Manganese	25	1200	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7439-97-6	Mercury	0.20	0.29	1	02/27/09	9998	H9998A	31	CV	HGCV1
7440-02-0	Nickel	10	15	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-09-7	Potassium	2500	6500	0.5	03/04/09	9998	A9998B2	36	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-23-5	Sodium	2500	44000	0.5	03/04/09	9998	A9998B2	36	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	37	P	PEICP2
7440-66-6	Zinc	25	150	0.5	03/04/09	9998	A9998C2	37	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-014	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	MW-7 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-39-3	Barium	25	66	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-70-2	Calcium	1000	75000	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7439-89-6	Iron	150	320	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7439-95-4	Magnesium	1000	20000	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7439-96-5	Manganese	25	880	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	32	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-09-7	Potassium	2500	4800	0.5	03/04/09	9998	A9998B2	37	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-23-5	Sodium	2500	40000	0.5	03/04/09	9998	A9998B2	37	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	38	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-029	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-39-3	Barium	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-70-2	Calcium	1000	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7439-95-4	Magnesium	1000	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7439-96-5	Manganese	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	35	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	03/04/09	9998	A9998B2	40	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-23-5	Sodium	2500	ND	0.5	03/04/09	9998	A9998B2	40	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	41	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC42940-030	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	2/25/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	100	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-36-0	Antimony	7.5	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-38-2	Arsenic	20	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-39-3	Barium	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-41-7	Beryllium	4.0	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-43-9	Cadmium	2.0	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-70-2	Calcium	1000	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-47-3	Chromium	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-48-4	Cobalt	10	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-50-8	Copper	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7439-89-6	Iron	150	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7439-92-1	Lead	5.0	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7439-95-4	Magnesium	1000	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7439-96-5	Manganese	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7439-97-6	Mercury	0.20	ND	1	02/27/09	9998	H9998A	36	CV	HGCV1
7440-02-0	Nickel	10	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-09-7	Potassium	2500	ND	0.5	03/04/09	9998	A9998B2	41	P	PEICPRAD2
7782-49-2	Selenium	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-22-4	Silver	10	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-23-5	Sodium	2500	ND	0.5	03/04/09	9998	A9998B2	41	P	PEICPRAD2
7440-28-0	Thallium	5.0	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-62-2	Vanadium	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2
7440-66-6	Zinc	25	ND	0.5	03/04/09	9998	A9998C2	42	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Metal Data
QC Data

FORM 2
(ICV/CCV Summary)

Date Analyzed: 03/04/09
Data File: A9998B2
Prep Batch: 9998
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-60572 (2)-6	Rec	CCV V-60256-16	Rec	CCV V-60256-28	Rec	CCV V-60256-38	Rec	CCV V-60256-44	Rec		Rec		Rec		Rec
Potassium	100/50	101.962	102	50.3593	101	50.6408	101	50.9407	102	50.6313	101						
Sodium	100/50	102.724	103	52.1241	104	50.7985	102	51.0032	102	50.4590	101						

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 03/04/09
Data File: A9998C2
Prep Batch: 9998
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-60572 (2)-7	Rec	CCV V-61458-17	Rec	CCV V-61458-29	Rec	CCV V-61458-39	Rec	CCV V-61458-45	Rec		Rec		Rec		Rec
Aluminum	10/5	10.2638	103	4.89780	98	5.01975	100	4.95761	99	5.05761	101						
Antimony	1/.5	1.02692	103	0.493629	99	0.498762	100	0.498088	100	0.504097	101						
Arsenic	1/.5	1.00884	101	0.496361	99	0.499467	100	0.500768	100	0.507531	102						
Barium	1/.5	1.03937	104	0.520024	104	0.526604	105	0.528968	106	0.533434	107						
Beryllium	1/.5	1.00591	101	0.505291	101	0.508920	102	0.508425	102	0.512142	102						
Cadmium	1/.5	1.00536	101	0.502040	100	0.505953	101	0.501692	100	0.506015	101						
Calcium	100/50	99.4911	99	50.3030	101	50.6990	101	50.6223	101	51.0304	102						
Chromium	1/.5	1.00105	100	0.500162	100	0.506278	101	0.507846	102	0.512101	102						
Cobalt	1/.5	1.00532	101	0.506895	101	0.511209	102	0.513186	103	0.516062	103						
Copper	1/.5	0.999402	100	0.488409	98	0.494161	99	0.491325	98	0.494878	99						
Iron	10/5	10.0069	100	5.00479	100	5.09329	102	5.10154	102	5.17154	103						
Lead	1/.5	1.00466	100	0.501311	100	0.505942	101	0.506318	101	0.517161	103						
Magnesium	100/50	100.759	101	50.6124	101	51.0114	102	51.2859	103	51.7685	104						
Manganese	1/.5	1.02939	103	0.505410	101	0.511857	102	0.514666	103	0.522931	105						
Nickel	1/.5	1.00315	100	0.509812	102	0.514375	103	0.515281	103	0.518627	104						
Selenium	1/.5	1.01775	102	0.493366	99	0.493468	99	0.488848	98	0.504311	101						
Silver	0.2/.1	0.200099	100	0.097509	98	0.098497	98	0.099079	99	0.099363	99						
Thallium	1/.5	1.04077	104	0.521659	104	0.524824	105	0.524148	105	0.533537	107						
Vanadium	1/.5	0.993057	99	0.494116	99	0.500345	100	0.501220	100	0.503907	101						
Zinc	1/.5	1.01810	102	0.511052	102	0.517235	103	0.520544	104	0.529584	106						

Notes: a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits: ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 02/27/09
Data File: H9998A
Prep Batch: 9998
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

		ICV (2)-9		CCV-21		CCV-33		CCV-37									
Analyte	ICV/CCV Amt		Rec		Rec		Rec		Rec		Rec		Rec		Rec		Rec
Mercury	20/10	20.51541	103	9.743711	97	9.512386	95	9.626995	96								

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 03/04/09
Data File: A9998B2
Prep Batch: 9998
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-61025-7	CCB-17	CCB-29	CCB-39	CCB-45	MB 9998 (0.5)-10		
Potassium	5 U	5 U	5 U	5 U	5 U	2.5U		
Sodium	5 U	5 U	5 U	5 U	5 U	2.5U		

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 03/04/09
Data File: A9998C2
Prep Batch: 9998
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-61671-8	CCB-18	CCB-30	CCB-40	CCB-46	MB 9998 (0.5)-11		
Aluminum	.2 U	.2 U	.2 U	.2 U	.2 U	.1 U		
Antimony	.015 U	.015 U	.015 U	.015 U	.015 U	.0075 U		
Arsenic	.04 U	.04 U	.04 U	.04 U	.04 U	.02 U		
Barium	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Beryllium	.008 U	.008 U	.008 U	.008 U	.008 U	.004 U		
Cadmium	.004 U	.004 U	.004 U	.004 U	.004 U	.002 U		
Calcium	2 U	2 U	2 U	2 U	2 U	1 U		
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Cobalt	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U		
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Iron	.3 U	.3 U	.3 U	.3 U	.3 U	.15 U		
Lead	.01 U	.01 U	.01 U	.01 U	.01 U	.005 U		
Magnesium	2 U	2 U	2 U	2 U	2 U	1 U		
Manganese	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Nickel	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U		
Selenium	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Silver	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U		
Thallium	.01 U	.01 U	.01 U	.01 U	.01 U	.005 U		
Vanadium	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		
Zinc	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U		

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 02/27/09
Data File: H9998A
Prep Batch: 9998
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB-10	CCB-22	CCB-34	CCB-38	MB 9998 (1)-11			
Mercury	.2 U	.2 U	.2 U	.2 U	.2 U			

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 03/04/09
Data File: A9998B2
Prep Batch: 9998
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2
Units: ppm
Project Number: 9022527

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-60052-8	Rec	ICSAB V-61024-9	Rec	ICSA V-60052-26	Rec	ICSAB V-61024-27	Rec	ICSA V-60052-42	Rec	ICSAB V-61024-43	Rec		Rec		Rec
Aluminum	500	509.677	102	501.66000	100	500.995	100	493.20000	99	498.763	100	488.31600	98				
Calcium	500	494.013	99	485.23300	97	486.475	97	477.47600	95	485.331	97	473.09200	95				
Iron	200	196.851	98	193.96900	97	192.113	96	190.98000	95	190.819	95	189.52400	95				
Magnesium	500	516.341	103	505.89800	101	506.946	101	497.67100	100	507.614	102	496.47900	99				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
c-indicates the recovery failed the Qc Criteria in the ICSAB
u-indicates the absolute value of the concentration was below the reporting limit

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 03/04/09
Data File: A9998C2
Prep Batch: 9998
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2
Units: ppm
Project Number: 9022527

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-61023-9	Rec	ICSAB V-61024-10	Rec	ICSA V-61023-27	Rec	ICSAB V-61024-28	Rec	ICSA V-61023-43	Rec	ICSAB V-61024-44	Rec	Rec	Rec
Aluminum	500	516.457	103	518.85000	104	517.888	104	515.76000	103	519.638	104	523.33300	105		
Antimony	1	U		1.02832	103	U		1.02255	102	U		1.03180	103		
Arsenic	1	U		1.03005	103	U		1.03393	103	U		1.05261	105		
Barium	.5	U		0.52100	104	U		0.52474	105	U		0.53006	106		
Beryllium	.5	U		0.51163	102	U		0.51504	103	U		0.52054	104		
Cadmium	1	U		1.05200	105	U		1.04347	104	U		1.05983	106		
Calcium	500	493.659	99	496.57900	99	496.471	99	494.42600	99	500.705	100	504.38200	101		
Chromium	.5	U		0.49492	99	U		0.49218	98	U		0.49986	100		
Cobalt	.5	U		0.47463	95	U		0.47315	95	U		0.48172	96		
Copper	.5	U		0.54037	108	U		0.54161	108	U		0.54371	109		
Iron	200	194.374	97	194.42200	97	195.721	98	196.12900	98	197.074	99	198.70500	99		
Lead	1	.0106594b		0.98782	99	.0128583b		0.98203	98	.0165516b		1.00602	101		
Magnesium	500	519.462	104	523.22800	105	522.516	105	521.46500	104	530.126	106	535.12400	107		
Manganese	.5	U		0.50031	100	U		0.50426	101	U		0.51017	102		
Nickel	1	U		0.93393	93	U		0.92909	93	U		0.94493	94		
Selenium	1	U		1.00371	100	U		1.02860	103	U		1.06432	106		
Silver	1	U		1.06380	106	U		1.06487	106	U		1.07260	107		
Thallium	1	U		0.96247	96	U		0.96511	97	-.0151759b		0.97847	98		
Vanadium	.5	U		0.47743	95	U		0.48079	96	U		0.48544	97		
Zinc	1	U		0.95494	95	U		0.95802	96	U		0.98414	98		

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
c-indicates the recovery failed the Qc Criteria in the ICSAB
u-indicates the absolute value of the concentration was below the reporting limit

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 03/04/09
Data File: A9998B2
Prep Batch: 9998
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: AQUEOUS
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil	Spike Amts LCS Aq	LCS Rec Limits	Non Spike Conc AC42940-001-13	AC42940-001-15-1X	%REC OR Conc	AC42940-001-18-1X	%REC OR Conc	LCSW-11-1X	%REC OR Conc	LCSW MR-12-1X	%REC OR Conc	%REC OR Conc
Potassium	50.000		50.000	85 - 115	15.0673	68.5282	107	68.9197	108	48.9564	98	49.3227	99	
Sodium	50.000		50.000	85 - 115	527.025	592.675	131 b	599.207	144 b	49.2759	99	49.5261	99	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 03/04/09
Data File: A9998C2
Prep Batch: 9998
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: AQUEOUS
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	LCS Soil	LCS Aq	LCS Rec Limits	Non Spike Conc AC42940-001-14		AC42940-001-16-1X	%REC OR Conc	AC42940-001-19-1X	%REC OR Conc	LCSW-12-1X	%REC OR Conc	LCSW MR-13-1X	%REC OR Conc	%REC OR Conc
Aluminum	5.000		5.000	85 - 115	0.2	U	5.46096	109	5.42292	108	4.72169	94	4.69387	94	
Antimony	.5000		.5000	85 - 115	0.015	U	0.523089	105	0.521281	104	0.475318	95	0.481648	96	
Arsenic	.5000		.5000	85 - 115	0.04	U	0.531761	106	0.531426	106	0.474777	95	0.483871	97	
Barium	.5000		.5000	85 - 115	0.255882		0.78123	105	0.768401	103	0.498417	100	0.499561	100	
Beryllium	.5000		.5000	85 - 115	0.008	U	0.506496	101	0.500124	100	0.479777	96	0.486278	97	
Cadmium	.5000		.5000	85 - 115	0.004	U	0.525465	105	0.526224	105	0.486316	97	0.479373	96	
Calcium	50.000		50.000	85 - 115	233.414		284.128	101	278.307	90	47.9874	96	48.4513	97	
Chromium	.5000		.5000	85 - 115	0.05	U	0.498877	100	0.492134	98	0.476912	95	0.477975	96	
Cobalt	.5000		.5000	85 - 115	0.02	U	0.509917	102	0.510169	102	0.490608	98	0.497417	99	
Copper	.5000		.5000	85 - 115	0.05	U	0.524868	105	0.517607	104	0.464684	93	0.465922	93	
Iron	5.000		5.000	85 - 115	5.2206		10.2188	100	10.0566	97	4.49988	90	4.50816	90	
Lead	.5000		.5000	85 - 115	0.01	U	0.498587	100	0.499309	100	0.483717	97	0.489598	98	
Magnesium	50.000		50.000	85 - 115	72.4604		124.146	103	121.974	99	48.2281	96	48.93	98	
Manganese	.5000		.5000	85 - 115	1.11172		1.63336	104	1.60271	98	0.481955	96	0.483914	97	
Nickel	.5000		.5000	85 - 115	0.02	U	0.501289	100	0.500746	100	0.488581	98	0.495589	99	
Selenium	.5000		.5000	85 - 115	0.05	U	0.509764	102	0.508567	102	0.468932	94	0.481658	96	
Silver	0.100		0.1000	85 - 115	0.02	U	0.100547	101	0.0993848	99	0.0915818	92	0.0921597	92	
Thallium	.5000		.5000	85 - 115	0.01	U	0.508225	102	0.51268	103	0.510366	102	0.50946	102	
Vanadium	.5000		.5000	85 - 115	0.05	U	0.500577	100	0.493395	99	0.464243	93	0.464969	93	
Zinc	.5000		.5000	85 - 115	0.05	U	0.523187	105	0.521641	104	0.499699	100	0.505975	101	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 02/27/09
Data File: H9998A
Prep Batch: 9998
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: AQUEOUS
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil	Spike Amts LCS Aq	LCS Rec Limits	Non Spike Conc AC42940-001-14		AC42940-001-16-1X	%REC OR Conc	AC42940-001-17-1X	%REC OR Conc	LCSW-12-1X	%REC OR Conc	LCSW MR-13-1X	%REC OR Conc	%REC OR Conc
Mercury	10		10	85 - 115	0.2	U	9.63694175	96	9.50861999	95	10.2036607	102	9.75460502	98	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM6/FORM9
RPDS

Date Analyzed: 03/04/09
Data File: A9998B2
Prep Batch: 9998
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC42940-001-13	AC42940-001-14	RPD	LCSW-11	LCSW MR-12	RPD	AC42940-001-13	AC42940-001-20	%Diff
Potassium	<=20	<=10	15.0673	14.7657	2				15.0673	14.5711	3.3
Sodium	<=20	<=10	527.025	519.912	1.4				527.025	513.25	2.6

Flags:

Na::Method Rep outside of Qc Limits
√b :Method Rep out but concentrations < 5* Reporting Limits
U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
Lm:Lcs Rpd Out

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 03/04/09
Data File: A9998C2
Prep Batch: 9998
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC42940-001-14	AC42940-001-15	RPD	LCSW-12	LCSW MR-13	RPD	AC42940-001-14	AC42940-001-21	%Diff
Aluminum	<=20	<=10	0.2 U	0.2 U	---				0.0977779	0.18152 U	---
Antimony	<=20	<=10	.015 U	.015 U	---				.004737 U	0.023685 U	---
Arsenic	<=20	<=10	0.040 U	0.040 U	---				0.0073293	0.026005 U	---
Barium	<=20	<=10	0.255882	0.247739	3.2				0.255882	0.2540635	0.71
Beryllium	<=20	<=10	.008 U	.008 U	---				0.0001294	0.00035535 U	---
Cadmium	<=20	<=10	.004 U	.004 U	---				0.0010172	0.00298 U	---
Calcium	<=20	<=10	233.414	228.801	2				233.414	232.6	0.35
Chromium	<=20	<=10	0.05 U	0.05 U	---				0.0015831	0.00441	179 Sb
Cobalt	<=20	<=10	.02 U	.02 U	---				0.0005118	0.00234 U	---
Copper	<=20	<=10	0.050 U	0.050 U	---				0.0060262	0.0084 U	---
Iron	<=20	<=10	5.22060	5.04265	3.5				5.22060	5.3448	2.4
Lead	<=20	<=10	0.010 U	0.010 U	---				.001921 U	0.009605 U	---
Magnesium	<=20	<=10	72.4604	70.3932	2.9				72.4604	71.7605	0.97
Manganese	<=20	<=10	1.11172	1.07968	2.9				1.11172	1.1049	0.61
Nickel	<=20	<=10	.02 U	.02 U	---				.000760 U	0.0038 U	---
Selenium	<=20	<=10	0.05 U	0.05 U	---				.01111 U	0.05555 U	---
Silver	<=20	<=10	0.02 U	0.02 U	---				0.0006083	0.0030185 U	---
Thallium	<=20	<=10	.010 U	.010 U	---				.006715 U	0.033575 U	---
Vanadium	<=20	<=10	.05 U	.05 U	---				0.0054754	0.009127	67 Sb
Zinc	<=20	<=10	.05 U	.05 U	---				0.0082314	0.0405265	392 Sa

Flags:

Na::Method Rep outside of Qc Limits
Nb :Method Rep out but concentrations < 5* Reporting Limits
U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
Lm:Lcs Rpd Out

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 02/27/09
Data File: H9998A
Prep Batch: 9998
Analytical Method: 200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9022527

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC42940-001-14	AC42940-001-15	RPD	LCSW-12	LCSW MR-13	RPD			%Diff
Mercury	<=20	<=10	0.2 U	0.2 U	---						

Flags:

Na::Method Rep outside of Qc Limits
Nb :Method Rep out but concentrations < 5* Reporting Limits
U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
Lm:Lcs Rpd Out

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
E: Serial Dilution outside of qc limits CLP

Metal Data
Verification of Instrument Parameters

MDL / RL SUMMARY
200.7
PE ICP 2

ELEMENT	MDL (Mg/L)	Reporting Limits (Mg/L)
AL	0.07847	0.2
SB	0.00602	0.015
AS	0.0051	0.04
BA	0.000204	0.05
BE	0.0000432	0.008
CD	0.000569	0.004
CA	0.0323	2
CR	0.00143	0.05
CO	0.00119	0.02
CU	0.00345	0.05
FE	0.0297	0.3
PB	0.00233	0.01
MG	0.072	2
MN	0.000741	0.05
MO	0.00142	0.02
NI	0.00141	0.02
SE	0.01086	0.05
AG	0.000657	0.02
TL	0.00823	0.01
SN	0.00135	0.05
TI	0.000241	0.05
V	0.0011	0.05
ZN	0.00227	0.05

Al,Cu,Fe,Pb,Mg,Mo,Ni,Ag,V on 10/14/, Sb,As,Ba,Cd,Ca,Cr,Mn,Se,Tl,Ti on 10/15, Co and Zn on 10/16/08

MDL / RL SUMMARY
200.7 WATERS RADIAL
PE ICP 2

ELEMENT	MDL	Reporting Limits (Mg/L)
K	0.11	5
NA	0.173	5

Na analyzed on 8/12/08. K analyzed on 8/11/08.

HGCV1
MDL
SUMMARY

Element: Mercury
Instrument: PE FIMS 100 **Instrument ID:** HgCV 1
Technique: CV **Analyst** John L. Soules

200 Series	(ppb)	Completed	(ppb)
H2O	0.036	10/31/2008	0.20
SW846			
H2O	0.039	10/31/2008	0.70
SOIL	0.032	10/31/2008	0.50
TCLP	0.054	10/31/2008	0.70
SPLP	0.038	11/3/2008	0.70

INTERELEMENT CORRECTION SUMMARY
PEICP2

Interfered Elements	Interfering Elements							
	Al	Ca	Fe	Mg	Mn	Mo	Ti	Zn
Al	N/A	0	0	0	0	14.504	0	0
Sb	0.02556	0	0.0693	0	0	0	-2.20139	0
As	0.081	0.2358	0.0297	0.03978	0	0.411	1.4742	0.2053
Ba	0.01734	0	0.01789	0	0	0	0	0
Be	0	0	0	0	0	0	0.714	0
Cd	0	0	0	0	0	0	0	0
Ca	0	N/A	0	0	0	0	0	0
Cr	0	0	0	0	0	-7.274	0	0
Co	0	0	0	0	0	-4.266	2.20968	0
Cu	0	0	0	0	0	0	0	0
Fe	0	0	N/A	0	0	0	0	0
Pb	0.5421	-0.0438	0		0	-2.327	0	0
Mg	0	0	0	N/A	0	0	0	0
Mn	0	0	0	0	N/A		0	0
Mo	-0.0146678	0.0576	0	0	0	N/A	0	17.1057
Ni	0	0	0	0	0	-0.749	0	0
Se	0.164	-0.132	0	0	-0.602154	0	0	0
Ag	0	0	0	0	0	0	0	0
Tl	-0.03761	0	0	-0.0238	1.7854	-1.3003	0.7781	0
Sn	0	0.0932	0	0	0	0	0	0
Ti	0	0	0	0	0	0	N/A	0
V	0	0	0	0	0	-4.40122	0	0
Zn	0	0	0	0	0	0	0	N/A

LINEAR RANGES
PE ICP 2
Axial

ELEMENT	LINEAR RANGE (PPM)
Al	500
Sb	40
As	50
Ba	50
Be	4
Cd	50
Ca	500
Cr	50
Co	50
Cu	50
Fe	500
Pb	50
Mg	800
Mn	50
Mo	50
Ni	50
Se	50
Ag	2
Tl	50
Sn	50
Ti	40
V	50
Zn	50

All elements ran on 8/29/08 except Ag which was ran on 9/2/08 and As, Se ran on 8/28/08

LINEAR RANGES
PE ICP 2
Radial

ELEMENT	LINEAR RANGE (PPM)
Al	1000
Ca	1000
Fe	1000
Mg	1000
K	1000
Na	1000
Mn	50
Ti	50

Run on 6/27/08. All radial elements.

Metal Data
Raw Data

Run Log

Data File: W:\METALS.FRM\ICPDATA\PeIcpRad2\A9998B2.txt **Instrument:** PEICPRAD2

Analysis Date: 03/03/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1 V-61025	1	CAL	23:45	1						
Calib 1 V-61026	1	CAL	23:58	2						
Calib 2 V-60254	1	CAL	00:01	3						
Calib 3 V-61028	1	CAL	00:04	4						
ICS3 V-61028	1	ICS	00:07	5						
ICV V-60572 (2)	1	ICV	00:10	6						
ICB V-61025	1	ICB	00:13	7						
ICSA V-60052	1	ICSA	00:16	8						
ICSAB V-61024	1	ICSAB	00:20	9						
MB 9998 (0.5)	1	MB	00:24	10		AQUEO	AQUEO	EPA600	9998	
LCSW	1	LCS	00:27	11		AQUEO	AQUEO	EPA600	9998	
LCSW MR	1	LCS	00:30	12		AQUEO	AQUEO	EPA600	9998	
AC42940-001	1	SMP	00:33	13	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-001	1	MR	00:37	14	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-001	1	MS	00:41	15	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
CCV V-60256	1	CCV	00:45	16						
CCB	1	CCB	00:48	17						
AC42940-001	1	MS	00:51	18	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-001	1	PS	00:55	19	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-001	5	SD	00:59	20	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-002	1	SMP	01:02	21	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-003	1	SMP	01:06	22	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-004	1	SMP	01:10	23	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-005	1	SMP	01:14	24	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-006	1	SMP	01:17	25	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
ICSA V-60052	1	ICSA	01:21	26						
ICSAB V-61024	1	ICSAB	01:24	27						
CCV V-60256	1	CCV	01:28	28						
CCB	1	CCB	01:31	29						
AC42940-007	1	SMP	01:34	30	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-008	1	SMP	01:37	31	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-009	1	SMP	01:41	32	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-010	1	SMP	01:45	33	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-011	1	SMP	01:48	34	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-012	1	SMP	01:51	35	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-013	1	SMP	01:54	36	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-014	1	SMP	01:57	37	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
CCV V-60256	1	CCV	02:00	38						
CCB	1	CCB	02:03	39						
AC42940-029	1	SMP	02:06	40	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
AC42940-030	1	SMP	02:09	41	METALS-TAL-	AQUEO	AQUEO	EPA600	9998	
ICSA V-60052	1	ICSA	02:12	42						
ICSAB V-61024	1	ICSAB	02:16	43						
CCV V-60256	1	CCV	02:19	44						
CCB	1	CCB	02:22	45						

GB 03-05-09

3/3/09

Run Log

Data File: W:\METALS.FRM\ICPDATA\PeIcp2\A9998C2.txt **Instrument:** PEICP2

Analysis Date: 03/04/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1 V-61671	1	CAL	11:10	1						
Calib 1 V 59532	1	CAL	11:13	2						
Calib 2 V-61026	1	CAL	11:17	3						
Calib 3 V-60254	1	CAL	11:20	4						
Calib 4 V-61028	1	CAL	11:24	5						
ICS3 V-61028	1	ICS	11:29	6						
ICV V-60572 (2)	1	ICV	11:35	7						
ICB V-61671	1	ICB	11:41	8						
ICSA V-61023	1	ICSA	11:44	9						
ICSAB V-61024	1	ICSAB	11:50	10						
MB 9998 (0.5)	1	MB	11:56	11		AQUEO	AQUEO	EPA600	9998	
LCSW	1	LCS	11:59	12		AQUEO	AQUEO	EPA600	9998	
LCSW MR	1	LCS	12:03	13		AQUEO	AQUEO	EPA600	9998	
AC42940-001	1	SMP	12:06	14	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-001	1	MR	12:12	15	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-001	1	MS	12:17	16	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
CCV V-61458	1	CCV	12:23	17						
CCB	1	CCB	12:28	18						
AC42940-001	1	MS	12:32	19	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-001	1	PS	12:37	20	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-001	5	SD	12:43	21	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-002	1	SMP	12:47	22	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-003	1	SMP	12:52	23	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-004	1	SMP	12:58	24	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-005	1	SMP	13:03	25	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-006	1	SMP	13:09	26	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
ICSA V-61023	1	ICSA	13:14	27						
ICSAB V-61024	1	ICSAB	13:20	28						
CCV V-61458	1	CCV	13:26	29						
CCB	1	CCB	13:31	30						
AC42940-007	1	SMP	13:35	31	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-008	1	SMP	13:40	32	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-009	1	SMP	13:46	33	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-010	1	SMP	13:51	34	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-011	1	SMP	13:57	35	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-012	1	SMP	14:03	36	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-013	1	SMP	14:09	37	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-014	1	SMP	14:13	38	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
CCV V-61458	1	CCV	14:16	39						
CCB	1	CCB	14:22	40						
AC42940-029	1	SMP	14:25	41	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
AC42940-030	1	SMP	14:28	42	METALS-TAL-W	AQUEO	AQUEO	EPA600	9998	
ICSA V-61023	1	ICSA	14:32	43						
ICSAB V-61024	1	ICSAB	14:38	44						
CCV V-61458	1	CCV	14:43	45						
CCB	1	CCB	14:49	46						

3/4/09

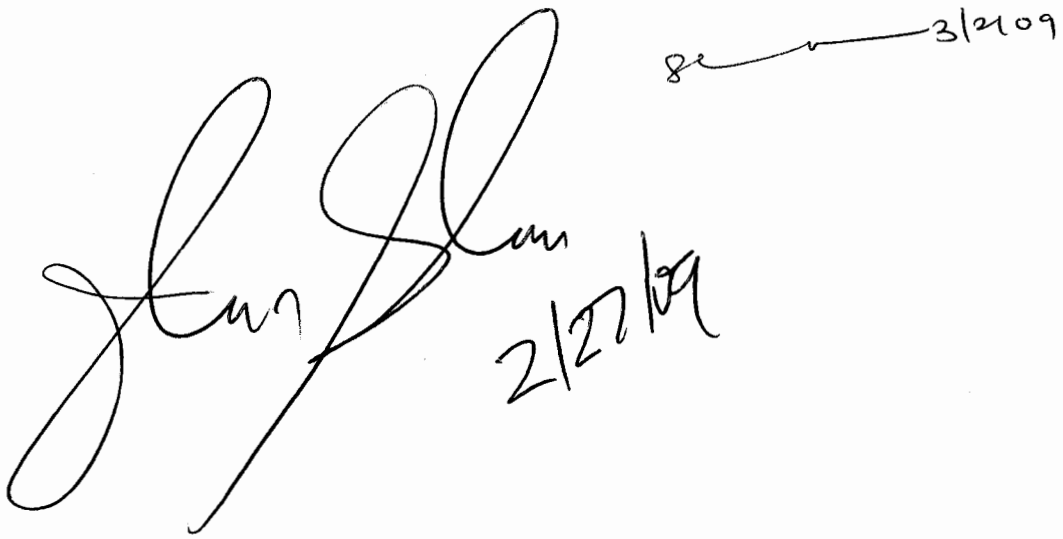
QB 03-05-09

Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCv1\H9998A.txt **Instrument:** HGCV1

Analysis Date: 02/27/09 **Standard/Batch/SnCl2 Lot #:** V-61564

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calibration Blank	1	CAL	13:42	1						
.2 PPB	1	CAL	13:44	2						
.5 PPB	1	CAL	13:45	3						
1 PPB	1	CAL	13:47	4						
2 PPB	1	CAL	13:49	5						
5 PPB	1	CAL	13:50	6						
10 PPB	1	CAL	13:52	7						
25 PPB	1	CAL	13:54	8						
ICV (2)	1	ICV	13:55	9						
ICB	1	ICB	13:57	10						
MB 9998 (1)	1	MB	13:58	11		AQUEO	AQUEO	epa600	9998	
LCSW	1	LCS	14:00	12		AQUEO	AQUEO	epa600	9998	
LCSW MR	1	LCS	14:02	13		AQUEO	AQUEO	epa600	9998	
AC42940-001	1	SMP	14:03	14	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-001	1	MR	14:05	15	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-001	1	MS	14:06	16	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-001	1	MS	14:08	17	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-002	1	SMP	14:10	18	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-003	1	SMP	14:11	19	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-004	1	SMP	14:13	20	HG-WATER	AQUEO	AQUEO	epa600	9998	
CCV	1	CCV	14:15	21						
CCB	1	CCB	14:16	22						
AC42940-005	1	SMP	14:18	23	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-006	1	SMP	14:19	24	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-007	1	SMP	14:21	25	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-008	1	SMP	14:23	26	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-009	1	SMP	14:24	27	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-010	1	SMP	14:26	28	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-011	1	SMP	14:27	29	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-012	1	SMP	14:29	30	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-013	1	SMP	14:31	31	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-014	1	SMP	14:32	32	HG-WATER	AQUEO	AQUEO	epa600	9998	
CCV	1	CCV	14:34	33						
CCB	1	CCB	14:36	34						
AC42940-029	1	SMP	14:37	35	HG-WATER	AQUEO	AQUEO	epa600	9998	
AC42940-030	1	SMP	14:39	36	HG-WATER	AQUEO	AQUEO	epa600	9998	
CCV	1	CCV	14:40	37						
CCB	1	CCB	14:42	38						



Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3613

Description
Sulfuric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A510SK-212	3108030	09/19/08	09/18/09	Lopez, Jose	6	2.5l	neat	neat

Veritech Control/Receipt Number: 3769

Description
nitric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A509Sk212	1108040	12/11/08	12/10/09	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 3788

Description
ICV2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-8	14-180JB	12/23/08	12/14/09	Miller,Gael E.	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3789

Description
ICV1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-7	14-181JB	12/23/08	12/14/09	Miller,Gael E.	2	500 M	NEAT	NEAT

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-56935

Prepared By: Soules, John
Description: 5% Potassium Permanganate
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 20 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3758	Potassium Permanganate	1000 g	neat neat	

Veritech Lot Number: V-56936

Prepared By: Soules, John
Description: Hydroxylamine Hydrochloride
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3468	Hydroxylamine Hydrochloride	1200 g	neat neat	
3562	Sodium Chloride	1200 g	neat neat	

Veritech Lot Number: V-56940

Prepared By: Soules, John
Description: 5% Potassium Persulfate
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3489	Potassium Persulfate	500 g	neat neat	

Veritech Lot Number: V-61616

Prepared By: Rivas, Maxine
Description: Hg intermediate Standard
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5282
Concentration: .025 ppm
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	500 ml		
3253	MERCIRY	.125 ml	1007 ug/ml	
3865	Nitric Acid	12.5 ml	neat neat	

Veritech Lot Number: V-61617

Prepared By: Rivas, Maxine
Description: Hg intermediate Control
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5282
Concentration: 1.0 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	100 ml		
3865	Nitric Acid	2.5 ml	neat neat	
3230	Mercury	.1 ml	1000 mg/l	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61618

Prepared By: Adelartey, Olufemi
Description: Hg aqueous ICV 20ppb
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5283
Concentration: 20 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61617	Hg intermediate Control	.5 ml	1.0 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	24.5 ml		

Veritech Lot Number: V-61619

Prepared By: Adelartey, Olufemi
Description: Hg aqueous CCV 10ppb
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5283
Concentration: 10 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61617	Hg intermediate Control	.25 ml	1.0 ppm	
V-56936	Hydroxylamine Hydrochloride	1.5	reagent	
3865	Nitric Acid	.625 ml	neat neat	
3613	Sulfuric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	2 ml	reagent	
1014	DI water (fill to volume)	24.75 ml		

Veritech Lot Number: V-61620

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard blk
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5283
Concentration: 0 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3865	Nitric Acid	.625 ml	neat neat	
3613	Sulfuric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	25 ml		

Veritech Lot Number: V-61621

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard .2 ppb
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5283
Concentration: .2 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61616	Hg intermediate Standard	.02 ml	.025 ppm	
3865	Nitric Acid	1.25 ml	neat neat	
V-56940	5% Potassium Persulfate	2 ml	reagent	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
3613	Sulfuric Acid	.625 ml	neat neat	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	25 ml		

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61622

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard .5 ppb
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5283
Concentration: .5 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61616	Hg intermediate Standard	.05 ml	.025 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	1.5 ml	reagent	
1014	DI water (fill to volume)	25 ml		

Veritech Lot Number: V-61623

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard 1 ppb
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5283
Concentration: 1 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61616	Hg intermediate Standard	.1 ml	.025 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	1.5 ml	reagent	
1014	DI water (fill to volume)	25 ml		

Veritech Lot Number: V-61624

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard 2 ppb
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5283
Concentration: 2 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61616	Hg intermediate Standard	.2 ml	.025 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	1.5 ml	reagent	
1014	DI water (fill to volume)	25 ml		

Veritech Lot Number: V-61625

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard 5 ppb
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5283
Concentration: 5 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61616	Hg intermediate Standard	.5 ml	.025 ppm	
V-56936	Hydroxylamine Hydrochloride	3.75 ml	reagent	
3865	Nitric Acid	1.25 ml	neat neat	
3613	Sulfuric Acid	.625 ml	neat neat	
V-56940	5% Potassium Persulfate	1.5 ml	reagent	
V-56935	5% Potassium Permanganate	2 ml	reagent	
1014	DI water (fill to volume)	24.5 ml		

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61626

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard 10 ppb
Prep Date: 2/27/2009
Expiration Date: 2/27/2009

Department: Metals
BatchNumber: B-5283
Concentration: 10 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61616	Hg intermediate Standard	1 ml	.025 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	1.5 ml	reagent	
1014	DI water (fill to volume)	24 ml		

Veritech Lot Number: V-61627

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard 25 ppb
Prep Date: 2/27/2009
Expiration Date: 2/27/2009

Department: Metals
BatchNumber: B-5283
Concentration: 25 ppb
Final Volume: 34 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61616	Hg intermediate Standard	2.5 ml	.025 ppm	
3613	Sulfuric Acid	.625 ml	neat neat	
3865	Nitric Acid	1.25 ml	neat neat	
V-56935	5% Potassium Permanganate	2 ml	reagent	
V-56936	Hydroxylamine Hydrochloride	3.75 ml	reagent	
V-56940	5% Potassium Persulfate	1.5 ml	reagent	
1014	DI water (fill to volume)	22.5 ml		

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 3230

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	PLHG4-2Y	14-04HG	04/15/08	04/14/09	Miller,Gael E.	1	100ml	1000	mg/L

Veritech Control/Receipt Number: 3253

Description
MERCIRY

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	HGP1-1-1	HGP1J	04/21/08	04/20/09	Miller,Gael E.	1	100M	1007	UG/ML

Veritech Control/Receipt Number: 3468

Description
Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	071243	07/17/08	07/16/11	Miller,Gael E.	2	1kg	neat	neat

Veritech Control/Receipt Number: 3489

Description
Potassium Persulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P282-500	083661	07/26/08	07/25/11	Miller,Gael E.	2	500g	neat	neat

Veritech Control/Receipt Number: 3562

Description
Sodium Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S271-10	081746	08/29/08	08/28/10	Lopez, Jose	1	10Kg	neat	neat

Veritech Control/Receipt Number: 3613

Description
Sulfuric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A510SK-212	3108030	09/19/08	09/18/09	Lopez, Jose	6	2.5l	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3758

Description
Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P279-212	082890	11/22/08	11/21/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Control/Receipt Number: 3865

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK212	1108040	01/26/09	01/25/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-56935

Prepared By: Soules, John
Description: 5% Potassium Permanganate
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 20 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3758	Potassium Permanganate	1000 g	neat neat	

Veritech Lot Number: V-56936

Prepared By: Soules, John
Description: Hydroxylamine Hydrochloride
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3468	Hydroxylamine Hydrochloride	1200 g	neat neat	
3562	Sodium Chloride	1200 g	neat neat	

Veritech Lot Number: V-56940

Prepared By: Soules, John
Description: 5% Potassium Persulfate
Prep Date: 12/8/2008
Expiration Date: 6/7/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3489	Potassium Persulfate	500 g	neat neat	

Veritech Lot Number: V-58580

Prepared By: Adelartey, Olufemi
Description: 1:1 HCl
Prep Date: 1/8/2009
Expiration Date: 7/7/2009
Department: Metals
BatchNumber:
Concentration: Reagent
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	1000 ml		
3707	Hydrochloric Acid	1000 ml	neat neat	

Veritech Lot Number: V-59119

Prepared By: Balashanthan, Shiamala
Description: ICS 1 INTERMEDIATE
Prep Date: 1/15/2009
Expiration Date: 4/14/2009
Department: Metals
BatchNumber:
Concentration: various mg/l
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3706	Nitric Acid	5 ml	neat neat	
3275	ARSENIC 1000 PPM	.5 ml	1000 ug/ml	5 mg/l
3277	BERYLLIUM 1000PPM	.3 ml	1001 ug/ml	3 mg/l
3280	CADMIUM 1000PPM	.3 ml	1005 ug/ml	3 mg/l
3285	LEAD 1000PPM	.4 ml	1004 ug/ml	4 mg/l
3265	THALLIUM 1000PPM	.5 ml	1001 ug/ml	5 mg/l

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-59532

Prepared By: Balashanthan, Shiamala
Description: ICS1A Lowest std
Prep Date: 1/23/2009
Expiration Date: 4/14/2009
Department: Metals
BatchNumber:
Concentration: various mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3707	Hydrochloric Acid	50 ml	neat neat	
3769	nitric acid	50 ml	neat neat	
V-59119	ICS 1 INTERMEDIATE	1 ml	various mg/l	

Veritech Lot Number: V-60052

Prepared By: Balashanthan, Shiamala
Description: ICSA
Prep Date: 1/30/2009
Expiration Date: 4/29/2009
Department: Metals
BatchNumber:
Concentration: MULTI mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	50 ml	neat neat	
3768	hidrochloric acid	50 ml	neat neat	
3535	ICSA	50 ml	NEAT neat	

Veritech Lot Number: V-60254

Prepared By: Balashanthan, Shiamala
Description: ICS2 - Middle Std
Prep Date: 2/4/2009
Expiration Date: 5/3/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3768	hidrochloric acid	50 ml	neat neat	
3769	nitric acid	50 ml	neat neat	
3410	ICSA	5 ml	NEAT neat	
3411	ICSB	5 ml	NEAT neat	
3412	ICSC	5 ml	NEAT neat	

Veritech Lot Number: V-60256

Prepared By: Balashanthan, Shiamala
Description: CCV
Prep Date: 2/4/2009
Expiration Date: 5/3/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	50 ml	neat neat	
3768	hidrochloric acid	50 ml	neat neat	
3519	ICV1	10 ml	neat neat	
3520	ICV2	10 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60572

Prepared By: Balashanthan, Shiamala
Description: ICV
Prep Date: 2/6/2009
Expiration Date: 5/5/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	25 ml	neat neat	
3519	ICV1	10 ml	neat neat	
3768	hidrochloric acid	25 ml	neat neat	
3520	ICV2	10 ml	neat neat	

Veritech Lot Number: V-61023

Prepared By: Balashanthan, Shiamala
Description: ICSA
Prep Date: 2/17/2009
Expiration Date: 5/16/2009
Department: Metals
BatchNumber:
Concentration: MULTI mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3535	ICSA	50 ml	NEAT neat	
3768	hidrochloric acid	50 ml	neat neat	
3769	nitric acid	50 ml	neat neat	

Veritech Lot Number: V-61024

Prepared By: Balashanthan, Shiamala
Description: ICSAB
Prep Date: 2/17/2009
Expiration Date: 5/16/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3800	ICSAB	10 ml	NEAT neat	
3769	nitric acid	50 ml	neat neat	
3707	Hydrochloric Acid	50 ml	neat neat	
3535	ICSA	50 ml	NEAT neat	

Veritech Lot Number: V-61025

Prepared By: Balashanthan, Shiamala
Description: ICB/CCB
Prep Date: 2/17/2009
Expiration Date: 5/16/2009
Department: Metals
BatchNumber:
Concentration: 0 mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3768	hidrochloric acid	50 ml	neat neat	
3769	nitric acid	50 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61026

Prepared By: Balashanthan, Shiamala
Description: ICS1- Low Std
Prep Date: 2/17/2009
Expiration Date: 5/16/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	25 ml	neat neat	
3768	hidrochloric acid	25 ml	neat neat	
3410	ICSA	.05 ml	NEAT neat	
3411	ICSB	.05 ml	NEAT neat	
3412	ICSC	.05 ml	NEAT neat	

Veritech Lot Number: V-61028

Prepared By: Balashanthan, Shiamala
Description: ICS3 - High std
Prep Date: 2/17/2009
Expiration Date: 5/16/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	25 ml	neat neat	
3768	hidrochloric acid	25 ml	neat neat	
3410	ICSA	5 ml	NEAT neat	
3411	ICSB	5 ml	NEAT neat	
3412	ICSC	5 ml	NEAT neat	

Veritech Lot Number: V-61391

Prepared By: Adelartey, Olufemi
Description: 1:1 HNO3
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Metals
BatchNumber:
Concentration: Reagent
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3865	Nitric Acid	1000 ml	neat neat	
1014	DI water (fill to volume)			

Veritech Lot Number: V-61458

Prepared By: Balashanthan, Shiamala
Description: CCV
Prep Date: 2/25/2009
Expiration Date: 5/24/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	50 ml	neat neat	
3519	ICV1	10 ml	neat neat	
3768	hidrochloric acid	50 ml	neat neat	
3520	ICV2	10 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61564

Prepared By: Soules, John
Description: SnCl2
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5276
Concentration: 1.1% SnCl2 in 3%
Final Volume: 1000

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2409	Stannous Chloride	13.2 g	neat neat	
V-61565	3% HCL	1000 ml	reagent reag	

Veritech Lot Number: V-61565

Prepared By: Soules, John
Description: 3% HCL
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5276
Concentration: reagent reagent
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3707	Hydrochloric Acid	300 ml	neat neat	
1014	DI water (fill to volume)	10000 ml		

Veritech Lot Number: V-61617

Prepared By: Rivas, Maxine
Description: Hg intermediate Control
Prep Date: 2/27/2009
Expiration Date: 2/27/2009
Department: Metals
BatchNumber: B-5282
Concentration: 1.0 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	100 ml		
3865	Nitric Acid	2.5 ml	neat neat	
3230	Mercury	.1 ml	1000 mg/l	

Veritech Lot Number: V-61671

Prepared By: Balashanthan, Shiamala
Description: ICB/CCB
Prep Date: 3/2/2009
Expiration Date: 6/1/2009
Department: Metals
BatchNumber:
Concentration: 0 mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3769	nitric acid	50 ml	neat neat	
3768	hidrochloric acid	50 ml	neat neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 2409

Description
Stannous Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	T142-3	066323	05/09/07	05/08/10	Miller,Gael E.	1	3kg	neat	neat

Veritech Control/Receipt Number: 3230

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	PLHG4-2Y	14-04HG	04/15/08	04/14/09	Miller,Gael E.	1	100ml	1000	mg/L

Veritech Control/Receipt Number: 3265

Description
THALLIUM 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	TLP1-1-1	TLP1K	04/21/08	04/20/09	Miller,Gael E.	1	100M	1001	UG/ML

Veritech Control/Receipt Number: 3275

Description
ARSENIC 1000 PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	ASP1-1-1	ASP1M	04/21/08	04/20/09	Miller,Gael E.	1	100M	1000	UG/ML

Veritech Control/Receipt Number: 3277

Description
BERYLLIUM 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	BEP1-1-1	BEP1K	04/21/08	04/20/09	Miller,Gael E.	1	100M	1001	UG/ML

Veritech Control/Receipt Number: 3280

Description
CADMIUM 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	CDP1-1-1	CDP1J	04/21/08	04/20/09	Miller,Gael E.	1	100M	1005	UG/ML

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3285

Description
LEAD 1000PPM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	PBP1-1-1	PBP1N	04/21/08	04/20/09	Miller,Gael E.	1	100M	1004	UG/ML

Veritech Control/Receipt Number: 3410

Description
ICSA

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	08F074	06/18/08	06/17/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3411

Description
ICSB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	08F074	06/18/08	06/17/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3412

Description
ICSC

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	08F074	06/18/08	06/17/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3468

Description
Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	071243	07/17/08	07/16/11	Miller,Gael E.	2	1kg	neat	neat

Veritech Control/Receipt Number: 3489

Description
Potassium Persulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P282-500	083661	07/26/08	07/25/11	Miller,Gael E.	2	500g	neat	neat

Veritech Control/Receipt Number: 3519

Description
ICV1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	XHCV-7	12-147JB	08/06/08	08/05/09	Miller,Gael E.	2	500ml	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3520

Description
ICV2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	XHCV-8	12-146JB	08/06/08	08/05/09	Miller,Gael E.	2	500ml	neat	neat

Veritech Control/Receipt Number: 3535

Description
ICSA

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG LABS	ZHAMPTON#1	084929	08/15/08	08/14/09	Miller,Gael E.	4	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3562

Description
Sodium Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S271-10	081746	08/29/08	08/28/10	Lopez, Jose	1	10Kg	neat	neat

Veritech Control/Receipt Number: 3706

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK212	1108040	11/04/08	11/03/09	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Control/Receipt Number: 3707

Description
Hydrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK212	4108031	11/04/08	11/03/09	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Control/Receipt Number: 3758

Description
Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P279-212	082890	11/22/08	11/21/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Control/Receipt Number: 3768

Description
hidrochloric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A508Sk212	4108031	12/11/08	12/10/09	Lopez, Jose	12	2.5L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3769

Description
nitric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	A509Sk212	1108040	12/11/08	12/10/09	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 3800

Description
ICSAB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG LABS	ZHAMPTON#2	087967	01/06/09	12/01/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3865

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK212	1108040	01/26/09	01/25/10	Okomeng, Maxwel	6	2.5LT	neat	neat

File: A9998B2 Batch 9998 600.40

Method: PE2 RADIAL Page 83 Date: 3/3/2009 11:57:51 PM

Analyst 3/4/09

Method Loaded
Method Name: PE2 RADIAL
IEC File: IEC32708R.iec
Method Description: 200.7/SW846

Method Last Saved: 3/3/2009 9:29:18 AM
MSF File:

3/5/09

Sequence No.: 1
Sample ID: Calib Blank 1 V-61025
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 3/3/2009 11:45:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Blank 1 V-61025

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	5986.2	34.94	0.58%	100.000	%
Scanadium	12657.2	30.10	0.24%	100	%
Aluminum†	199.5	0.47	0.24%	[0.00]	mg/L
Calcium†	252.5	1.48	0.59%	[0.00]	mg/L
Iron†	-182.9	1.97	1.08%	[0.00]	mg/L
Magnesium†	-332.8	0.19	0.06%	[0.00]	mg/L
Manganese†	-80.7	1.63	2.01%	[0.00]	mg/L
Potassium†	-220.6	7.70	3.49%	[0.00]	mg/L
Sodium†	453.2	34.77	7.67%	[0.00]	mg/L
Titanium†	92.5	0.17	0.18%	[0.00]	mg/L

9998

Na, K reported

Sequence No.: 2
Sample ID: Calib 1 V-61026
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 3/3/2009 11:58:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 1 V-61026

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	5998.2	46.17	0.77%	100.202	%
Scanadium	12777.8	100.03	0.78%	101	%
Aluminumt	18.8	1.12	5.99%	[0.1]	mg/L
Calciumt	1418.2	27.42	1.93%	[1]	mg/L
Iront	24.7	5.09	20.64%	[0.1]	mg/L
Magnesiumt	268.5	4.66	1.74%	[1]	mg/L
Manganeset	40.1	2.00	4.99%	[0.01]	mg/L
Potassiumt	2047.3	63.08	3.08%	[1]	mg/L
Sodiumt	4097.1	144.06	3.52%	[1]	mg/L
Titaniumt	79.5	10.08	12.68%	[0.01]	mg/L

Sequence No.: 3
Sample ID: Calib 2 V-60254
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 3/4/2009 12:01:42 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 2 V-60254

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	5862.1	5.86	0.10%	97.9278	%
Scanadium	12653.9	37.23	0.29%	100.0	%
Aluminumt	765.9	2.57	0.34%	[5]	mg/L
Calciumt	58204.4	186.01	0.32%	[50]	mg/L
Ironf	643.8	4.88	0.76%	[5]	mg/L
Magnesiumt	11586.7	21.03	0.18%	[50]	mg/L
Manganesef	1705.2	1.48	0.09%	[0.5]	mg/L
Potassiumt	97246.6	535.13	0.55%	[50]	mg/L
Sodiumt	184045.9	1194.24	0.65%	[50]	mg/L
Titaniumt	3627.5	6.68	0.18%	[0.5]	mg/L

Sequence No.: 4
Sample ID: Calib 3 V-61028
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 3/4/2009 12:04:42 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 3 V-61028

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	5831.5	12.93	0.22%	97.4170	%
Scanadium	12496.8	10.24	0.08%	98.7	%
Aluminumt	1590.6	10.13	0.64%	[10]	mg/L
Calciumt	116431.9	623.13	0.54%	[100]	mg/L
Iront	1303.6	1.43	0.11%	[10]	mg/L
Magnesiumt	23110.3	17.17	0.07%	[100]	mg/L
Manganeset	3393.8	0.67	0.02%	[1.0]	mg/L
Potassiumt	200995.4	1274.74	0.63%	[100]	mg/L
Sodiumt	374284.5	2125.23	0.57%	[100]	mg/L
Titaniumt	7317.3	22.54	0.31%	[1.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Aluminum	3	Lin Thru 0	0.0	157.9	0.00000	0.999887	
Calcium	3	Lin Thru 0	0.0	1164	0.00000	0.999998	
Iron	3	Lin Thru 0	0.0	130.1	0.00000	0.999956	
Magnesium	3	Lin Thru 0	0.0	231.2	0.00000	0.999998	
Manganese	3	Lin Thru 0	0.0	3397	0.00000	0.999997	
Potassium	3	Lin Thru 0	0.0	1997	0.00000	0.999915	
Sodium	3	Lin Thru 0	0.0	3730	0.00000	0.999978	
Titanium	3	Lin Thru 0	0.0	7305	0.00000	0.999994	

Sequence No.: 5
Sample ID: ICS3 V-61028
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 3/4/2009 12:07:43 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS3 V-61028

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Yittrium	5810.6	97.0675	%	0.65173				0.67%
Scanadium	12458.2	98.4	%	0.58				0.59%
Aluminumt	1588.8	10.0627	mg/L	0.01946	10.0627	mg/L	0.01946	0.19%
QC value within limits for Aluminum Recovery = 100.63%								
Calciumt	114952.4	98.7315	mg/L	1.37878	98.7315	mg/L	1.37878	1.40%
QC value within limits for Calcium Recovery = 98.73%								
Iront	1297.3	9.97479	mg/L	0.025512	9.97479	mg/L	0.025512	0.26%
QC value within limits for Iron Recovery = 99.75%								
Magnesiumt	23001.2	99.4724	mg/L	0.01303	99.4724	mg/L	0.01303	0.01%
QC value within limits for Magnesium Recovery = 99.47%								
Manganeset	3384.6	1.00558	mg/L	0.000554	1.00558	mg/L	0.000554	0.06%
QC value within limits for Manganese Recovery = 100.56%								
Potassiumt	198949.1	99.6263	mg/L	1.23687	99.6263	mg/L	1.23687	1.24%
QC value within limits for Potassium Recovery = 99.63%								
Sodiumt	371114.7	99.4815	mg/L	1.13510	99.4815	mg/L	1.13510	1.14%
QC value within limits for Sodium Recovery = 99.48%								
Titaniumt	7329.3	1.00334	mg/L	0.002461	1.00334	mg/L	0.002461	0.25%
QC value within limits for Titanium Recovery = 100.33%								

All analyte(s) passed QC.

Sequence No.: 6
Sample ID: ICV V-60572 (2)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 3/4/2009 12:10:44 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV V-60572 (2)

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Yittrium	5811.3	97.0785	%	0.07832				0.08%
Scanadium	12456.3	98.4	%	0.02				0.02%
Aluminumt	1598.5	10.1242	mg/L	0.05308	10.1242	mg/L	0.05308	0.52%
QC value within limits for Aluminum Recovery = 101.24%								
Calciumt	116117.9	99.7325	mg/L	0.50980	99.7325	mg/L	0.50980	0.51%
QC value within limits for Calcium Recovery = 99.73%								
Iront	1296.7	9.97029	mg/L	0.000717	9.97029	mg/L	0.000717	0.01%
QC value within limits for Iron Recovery = 99.70%								
Magnesiumt	23262.5	100.602	mg/L	0.3560	100.602	mg/L	0.3560	0.35%
QC value within limits for Magnesium Recovery = 100.60%								
Manganeset	4121.3	1.22245	mg/L	0.000835	1.22245	mg/L	0.000835	0.07%
QC value greater than the upper limit for Manganese Recovery = 122.24%								
Potassiumt	203613.7	101.962	mg/L	0.7276	101.962	mg/L	0.7276	0.71%
QC value within limits for Potassium Recovery = 101.96%								
Sodiumt	383209.0	102.724	mg/L	0.7031	102.724	mg/L	0.7031	0.68%
QC value within limits for Sodium Recovery = 102.72%								
Titaniumt	7383.8	1.01079	mg/L	0.000762	1.01079	mg/L	0.000762	0.08%
QC value within limits for Titanium Recovery = 101.08%								

QC Failed. Continue with analysis.

Sequence No.: 7
Sample ID: ICB V-61025
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 3/4/2009 12:13:47 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB V-61025

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	5975.4	99.8202	%	0.02792				0.03%
Scanadium	12692.2	100	%	0.2				0.17%
Aluminumt	-4.8	-0.0302301	mg/L	0.00437656	-0.0302301	mg/L	0.00437656	14.48%
QC value within limits for Aluminum Recovery = Not calculated								
Calciumt	132.3	0.113634	mg/L	0.0155705	0.113634	mg/L	0.0155705	13.70%
QC value within limits for Calcium Recovery = Not calculated								
Iront	5.2	0.0400585	mg/L	0.00114222	0.0400585	mg/L	0.00114222	2.85%
QC value within limits for Iron Recovery = Not calculated								
Magnesiumt	33.1	0.143240	mg/L	0.0139414	0.143240	mg/L	0.0139414	9.73%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	5.7	0.0017283	mg/L	0.00127766	0.0017283	mg/L	0.00127766	73.93%
QC value within limits for Manganese Recovery = Not calculated								
Potassiumt	563.7	0.282265	mg/L	0.0528463	0.282265	mg/L	0.0528463	18.72%
QC value within limits for Potassium Recovery = Not calculated								
Sodiumt	822.5	0.220485	mg/L	0.0584397	0.220485	mg/L	0.0584397	26.51%
QC value within limits for Sodium Recovery = Not calculated								
Titaniumt	8.2	0.0011180	mg/L	0.00066836	0.0011180	mg/L	0.00066836	59.78%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 8
Sample ID: ICSA V-60052
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 3/4/2009 12:16:45 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-60052

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5539.1	92.5311	%	0.36561				0.40%
Scanadium	12124.9	95.8	%	0.47				0.49%
Aluminum†	80470.9	509.677	mg/L	4.6971	509.677	mg/L	4.6971	0.92%
QC value within limits for Aluminum Recovery = 101.94%								
Calcium†	575175.4	494.013	mg/L	4.8058	494.013	mg/L	4.8058	0.97%
QC value within limits for Calcium Recovery = 98.80%								
Iron†	25601.4	196.851	mg/L	1.6940	196.851	mg/L	1.6940	0.86%
QC value within limits for Iron Recovery = 98.43%								
Magnesium†	119394.9	516.341	mg/L	4.9296	516.341	mg/L	4.9296	0.95%
QC value within limits for Magnesium Recovery = 103.27%								
Manganese†	-456.5	0.0487559	mg/L	0.00153816	0.0487559	mg/L	0.00153816	3.15%
QC value within limits for Manganese Recovery = 4.88%								
Potassium†	1154.8	0.578293	mg/L	0.0250122	0.578293	mg/L	0.0250122	4.33%
QC value within limits for Potassium Recovery = 57.83%								
Sodium†	1453.0	0.389488	mg/L	0.0075182	0.389488	mg/L	0.0075182	1.93%
QC value within limits for Sodium Recovery = 38.95%								
Titanium†	-207.4	-0.0283959	mg/L	0.00077507	-0.0283959	mg/L	0.00077507	2.73%
QC value within limits for Titanium Recovery = -2.84%								

All analyte(s) passed QC.

Sequence No.: 9
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 3/4/2009 12:20:34 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	5545.4	92.6377	%	0.43319				0.47%
Scanadium	12087.7	95.5	%	0.11				0.11%
Aluminumt	79205.2	501.660	mg/L	0.2097	501.660	mg/L	0.2097	0.04%
QC value within limits for Aluminum Recovery = 100.33%								
Calciumt	564953.0	485.233	mg/L	0.8996	485.233	mg/L	0.8996	0.19%
QC value within limits for Calcium Recovery = 97.05%								
Iront	25226.6	193.969	mg/L	0.0145	193.969	mg/L	0.0145	0.01%
QC value within limits for Iron Recovery = 96.98%								
Magnesiumt	116980.1	505.898	mg/L	0.4452	505.898	mg/L	0.4452	0.09%
QC value within limits for Magnesium Recovery = 101.18%								
Manganeset	1210.2	0.536666	mg/L	0.0017411	0.536666	mg/L	0.0017411	0.32%
QC value within limits for Manganese Recovery = 107.33%								
Potassiumt	986.6	0.494074	mg/L	0.0143781	0.494074	mg/L	0.0143781	2.91%
Sodiumt	1243.5	0.333322	mg/L	0.0023018	0.333322	mg/L	0.0023018	0.69%
Titaniumt	-209.6	-0.0286893	mg/L	0.00050340	-0.0286893	mg/L	0.00050340	1.75%

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: MB 9998 (0.5)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 3/4/2009 12:24:25 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 9998 (0.5)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	6122.9	102.284	%	1.0329				1.01%
Scanadium	13005.1	103	%	1.4				1.33%
Aluminumt	45.6	0.289049	mg/L	0.0499157	0.289049	mg/L	0.0499157	17.27%
Calciumt	502.2	0.431359	mg/L	0.0695138	0.431359	mg/L	0.0695138	16.12%
Iront	31.5	0.242301	mg/L	0.0559731	0.242301	mg/L	0.0559731	23.10%
Magnesiumt	106.0	0.458624	mg/L	0.0803945	0.458624	mg/L	0.0803945	17.53%
Manganeset	9.8	0.0031045	mg/L	0.00025873	0.0031045	mg/L	0.00025873	8.33%
Potassiumt	106.0	0.0530878	mg/L	0.02174450	0.0530878	mg/L	0.02174450	40.96%
Sodiumt	261.9	0.0702047	mg/L	0.00490437	0.0702047	mg/L	0.00490437	6.99%
Titaniumt	-6.6	-0.0008977	mg/L	0.00077655	-0.0008977	mg/L	0.00077655	86.51%

Sequence No.: 11
Sample ID: LCSW
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 3/4/2009 12:27:25 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5934.1	99.1301	%	0.05925				0.06%
Scanadium	12731.4	101	%	0.4				0.42%
Aluminumt	792.0	5.01650	mg/L	0.008210	5.01650	mg/L	0.008210	0.16%
Calciumt	56773.9	48.7625	mg/L	0.15635	48.7625	mg/L	0.15635	0.32%
Iront	631.3	4.85400	mg/L	0.083857	4.85400	mg/L	0.083857	1.73%
Magnesiumt	11493.3	49.7046	mg/L	0.09659	49.7046	mg/L	0.09659	0.19%
Manganeset	1693.5	0.503028	mg/L	0.0034212	0.503028	mg/L	0.0034212	0.68%
Potassiumt	97763.7	48.9564	mg/L	0.31224	48.9564	mg/L	0.31224	0.64%
Sodiumt	183823.2	49.2759	mg/L	0.20145	49.2759	mg/L	0.20145	0.41%
Titaniumt	3605.7	0.493596	mg/L	0.0024364	0.493596	mg/L	0.0024364	0.49%

Sequence No.: 12
Sample ID: LCSW MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 3/4/2009 12:30:27 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5953.1	99.4482	%	0.02156				0.02%
Scanadium	12802.8	101	%	0.2				0.18%
Aluminumt	782.3	4.95504	mg/L	0.021192	4.95504	mg/L	0.021192	0.43%
Calciumt	56876.2	48.8505	mg/L	0.71931	48.8505	mg/L	0.71931	1.47%
Iront	639.5	4.91709	mg/L	0.070267	4.91709	mg/L	0.070267	1.43%
Magnesiumt	11496.3	49.7176	mg/L	0.33834	49.7176	mg/L	0.33834	0.68%
Manganeset	1703.4	0.506003	mg/L	0.0050952	0.506003	mg/L	0.0050952	1.01%
Potassiumt	98495.2	49.3227	mg/L	0.54721	49.3227	mg/L	0.54721	1.11%
Sodiumt	184756.4	49.5261	mg/L	0.48265	49.5261	mg/L	0.48265	0.97%
Titaniumt	3604.0	0.493373	mg/L	0.0002034	0.493373	mg/L	0.0002034	0.04%

Sequence No.: 13
Sample ID: 42940-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 50
Date Collected: 3/4/2009 12:33:28 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5839.3	97.5474	%	0.21192				0.22%
Scanadium	12651.4	100.0	%	0.38				0.38%
Aluminumt	-3.0	-0.0189459	mg/L	0.01251904	-0.0189459	mg/L	0.01251904	66.08%
Calciumt	260312.2	223.580	mg/L	1.1000	223.580	mg/L	1.1000	0.49%
Iront	674.2	5.18365	mg/L	0.095396	5.18365	mg/L	0.095396	1.84%
Magnesiumt	15920.1	68.8487	mg/L	0.37024	68.8487	mg/L	0.37024	0.54%
Manganeset	3641.6	1.07679	mg/L	0.003501	1.07679	mg/L	0.003501	0.33%
Potassiumt	30088.7	15.0673	mg/L	0.03005	15.0673	mg/L	0.03005	0.20%
Sodiumt	1966060.8	527.025	mg/L	5.8155	527.025	mg/L	5.8155	1.10%
Titaniumt	-88.8	-0.0121624	mg/L	0.00000793	-0.0121624	mg/L	0.00000793	0.07%

Sequence No.: 14
Sample ID: 42940-001 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 51
Date Collected: 3/4/2009 12:37:29 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001 MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	5811.0	97.0737	%	0.40127				0.41%
Scanadium	12600.8	99.6	%	0.53				0.53%
Aluminumt	-5.2	-0.0328523	mg/L	0.06404396	-0.0328523	mg/L	0.06404396	194.95%
Calciumt	257990.0	221.585	mg/L	2.5270	221.585	mg/L	2.5270	1.14%
Ironf	661.2	5.08400	mg/L	0.106232	5.08400	mg/L	0.106232	2.09%
Magnesiumt	15577.0	67.3650	mg/L	0.21627	67.3650	mg/L	0.21627	0.32%
Manganesef	3563.1	1.05358	mg/L	0.003321	1.05358	mg/L	0.003321	0.32%
Potassiumt	29486.5	14.7657	mg/L	0.19244	14.7657	mg/L	0.19244	1.30%
Sodiumt	1939524.9	519.912	mg/L	0.9739	519.912	mg/L	0.9739	0.19%
Titaniumt	-91.9	-0.0125800	mg/L	0.00023428	-0.0125800	mg/L	0.00023428	1.86%

Sequence No.: 15
Sample ID: 42940-001 MS 1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 52
Date Collected: 3/4/2009 12:41:30 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001 MS 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5803.2	96.9440	%	1.05100				1.08%
Scanadium	12441.7	98.3	%	1.26				1.28%
Aluminumt	780.4	4.94276	mg/L	0.086273	4.94276	mg/L	0.086273	1.75%
Calciumt	321214.0	275.888	mg/L	0.4563	275.888	mg/L	0.4563	0.17%
Iront	1293.6	9.94621	mg/L	0.233195	9.94621	mg/L	0.233195	2.34%
Magnesiumt	27315.7	118.131	mg/L	2.9031	118.131	mg/L	2.9031	2.46%
Manganeset	5321.8	1.57580	mg/L	0.033184	1.57580	mg/L	0.033184	2.11%
Potassiumt	136847.6	68.5282	mg/L	0.16620	68.5282	mg/L	0.16620	0.24%
Sodiumt	2210965.6	592.675	mg/L	7.0547	592.675	mg/L	7.0547	1.19%
Titaniumt	3499.5	0.479062	mg/L	0.0094955	0.479062	mg/L	0.0094955	1.98%

Sequence No.: 16
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 3/4/2009 12:45:33 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5804.1	96.9594	%	0.33049				0.34%
Scanadium	12418.4	98.1	%	0.22				0.23%
Aluminum†	801.4	5.07603	mg/L	0.009932	5.07603	mg/L	0.009932	0.20%
QC value within limits for Aluminum Recovery = 101.52%								
Calcium†	58605.7	50.3358	mg/L	0.50925	50.3358	mg/L	0.50925	1.01%
QC value within limits for Calcium Recovery = 100.67%								
Iron†	661.1	5.08307	mg/L	0.021500	5.08307	mg/L	0.021500	0.42%
QC value within limits for Iron Recovery = 101.66%								
Magnesium†	11863.0	51.3034	mg/L	0.05439	51.3034	mg/L	0.05439	0.11%
QC value within limits for Magnesium Recovery = 102.61%								
Manganese†	1743.8	0.518048	mg/L	0.0002241	0.518048	mg/L	0.0002241	0.04%
QC value within limits for Manganese Recovery = 103.61%								
Potassium†	100565.2	50.3593	mg/L	0.32964	50.3593	mg/L	0.32964	0.65%
QC value within limits for Potassium Recovery = 100.72%								
Sodium†	194448.5	52.1241	mg/L	0.38756	52.1241	mg/L	0.38756	0.74%
QC value within limits for Sodium Recovery = 104.25%								
Titanium†	3715.2	0.508584	mg/L	0.0013578	0.508584	mg/L	0.0013578	0.27%
QC value within limits for Titanium Recovery = 101.72%								

All analyte(s) passed QC.

Sequence No.: 17
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 3/4/2009 12:48:32 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6025.2	100.653	%	0.3548				0.35%
Scanadium	12675.3	100	%	0.6				0.58%
Aluminumt	-3.3	-0.0207923	mg/L	0.01328196	-0.0207923	mg/L	0.01328196	63.88%
QC value within limits for Aluminum Recovery = Not calculated								
Calciumt	100.0	0.0859039	mg/L	0.00474921	0.0859039	mg/L	0.00474921	5.53%
QC value within limits for Calcium Recovery = Not calculated								
Iront	8.4	0.0645828	mg/L	0.01440644	0.0645828	mg/L	0.01440644	22.31%
QC value within limits for Iron Recovery = Not calculated								
Magnesiumt	14.5	0.0626116	mg/L	0.00529320	0.0626116	mg/L	0.00529320	8.45%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	7.9	0.0023951	mg/L	0.00015343	0.0023951	mg/L	0.00015343	6.41%
QC value within limits for Manganese Recovery = Not calculated								
Potassiumt	418.2	0.209402	mg/L	0.0113919	0.209402	mg/L	0.0113919	5.44%
QC value within limits for Potassium Recovery = Not calculated								
Sodiumt	1436.7	0.385122	mg/L	0.0591595	0.385122	mg/L	0.0591595	15.36%
QC value within limits for Sodium Recovery = Not calculated								
Titaniumt	-7.2	-0.0009844	mg/L	0.00218007	-0.0009844	mg/L	0.00218007	221.47%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 18
Sample ID: 42940-001 MS 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 53
Date Collected: 3/4/2009 12:51:32 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001 MS 2

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5874.7	98.1383	%	0.30616				0.31%
Scanadium	12612.9	99.7	%	0.22				0.22%
Aluminumt	779.0	4.93390	mg/L	0.001156	4.93390	mg/L	0.001156	0.02%
Calciumt	320786.5	275.520	mg/L	0.8899	275.520	mg/L	0.8899	0.32%
Iront	1307.5	10.0536	mg/L	0.06536	10.0536	mg/L	0.06536	0.65%
Magnesiumt	27652.4	119.587	mg/L	0.1553	119.587	mg/L	0.1553	0.13%
Manganeset	5368.2	1.58955	mg/L	0.002257	1.58955	mg/L	0.002257	0.14%
Potassiumt	137629.4	68.9197	mg/L	0.49179	68.9197	mg/L	0.49179	0.71%
Sodiumt	2235335.4	599.207	mg/L	5.6257	599.207	mg/L	5.6257	0.94%
Titaniumt	3555.6	0.486734	mg/L	0.0007480	0.486734	mg/L	0.0007480	0.15%

Sequence No.: 19
Sample ID: 42940-001 PS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 3/4/2009 12:55:34 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001 PS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5850.3	97.7305	%	0.38828				0.40%
Scanadium	12576.4	99.4	%	0.42				0.43%
Aluminumt	783.4	4.96185	mg/L	0.033327	4.96185	mg/L	0.033327	0.67%
Calciumt	311307.8	267.379	mg/L	2.0485	267.379	mg/L	2.0485	0.77%
Iront	1279.0	9.83464	mg/L	0.124133	9.83464	mg/L	0.124133	1.26%
Magnesiumt	27110.7	117.244	mg/L	0.0465	117.244	mg/L	0.0465	0.04%
Manganeset	5227.7	1.54798	mg/L	0.005523	1.54798	mg/L	0.005523	0.36%
Potassiumt	137155.6	68.6824	mg/L	0.43325	68.6824	mg/L	0.43325	0.63%
Sodiumt	2115002.8	566.951	mg/L	3.6632	566.951	mg/L	3.6632	0.65%
Titaniumt	3543.9	0.485144	mg/L	0.0032965	0.485144	mg/L	0.0032965	0.68%

Sequence No.: 20
Sample ID: 42940-001 SD
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 55
Date Collected: 3/4/2009 12:59:26 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001 SD

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	5905.4	98.6512	%	1.03979				1.05%
Scanadium	12726.9	101	%	0.3				0.30%
Aluminumt	-3.6	-0.0229715	mg/L	0.07615138	-0.0229715	mg/L	0.07615138	331.50%
Calciumt	52957.3	45.4845	mg/L	0.16581	45.4845	mg/L	0.16581	0.36%
Iront	141.9	1.09117	mg/L	0.018750	1.09117	mg/L	0.018750	1.72%
Magnesiumt	3239.4	14.0092	mg/L	0.12471	14.0092	mg/L	0.12471	0.89%
Manganeset	728.0	0.215326	mg/L	0.0008538	0.215326	mg/L	0.0008538	0.40%
Potassiumt	5819.6	2.91422	mg/L	0.009518	2.91422	mg/L	0.009518	0.33%
Sodiumt	382934.8	102.650	mg/L	0.1586	102.650	mg/L	0.1586	0.15%
Titaniumt	-12.3	-0.0016818	mg/L	0.00071118	-0.0016818	mg/L	0.00071118	42.29%

Sequence No.: 21
Sample ID: 42940-002
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 56
Date Collected: 3/4/2009 1:02:27 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-002

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5914.2	98.7973	%	0.62258				0.63%
Scanadium	12707.2	100	%	1.3				1.26%
Aluminumt	-3.4	-0.0216786	mg/L	0.05087466	-0.0216786	mg/L	0.05087466	234.68%
Calciumt	261672.7	224.748	mg/L	1.7526	224.748	mg/L	1.7526	0.78%
Iront	5.4	0.0418254	mg/L	0.01095309	0.0418254	mg/L	0.01095309	26.19%
Magnesiumt	15697.7	67.8870	mg/L	0.33854	67.8870	mg/L	0.33854	0.50%
Manganeset	3582.0	1.05444	mg/L	0.010651	1.05444	mg/L	0.010651	1.01%
Potassiumt	30048.0	15.0469	mg/L	0.04591	15.0469	mg/L	0.04591	0.31%
Sodiumt	1959718.7	525.325	mg/L	6.1159	525.325	mg/L	6.1159	1.16%
Titaniumt	-87.0	-0.0119069	mg/L	0.00142482	-0.0119069	mg/L	0.00142482	11.97%

Sequence No.: 22
Sample ID: 42940-003
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 57
Date Collected: 3/4/2009 1:06:29 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-003

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	5906.0	98.6607	%	1.10383				1.12%
Scanadium	12638.6	99.9	%	0.59				0.59%
Aluminumt	146.6	0.928721	mg/L	0.0182146	0.928721	mg/L	0.0182146	1.96%
Calciumt	221122.1	189.920	mg/L	1.2678	189.920	mg/L	1.2678	0.67%
Iront	324.7	2.49690	mg/L	0.011415	2.49690	mg/L	0.011415	0.46%
Magnesiumt	14764.3	63.8504	mg/L	0.12725	63.8504	mg/L	0.12725	0.20%
Manganeset	1362.5	0.403383	mg/L	0.0002537	0.403383	mg/L	0.0002537	0.06%
Potassiumt	47843.6	23.9583	mg/L	0.05418	23.9583	mg/L	0.05418	0.23%
Sodiumt	1679579.5	450.230	mg/L	3.9515	450.230	mg/L	3.9515	0.88%
Titaniumt	430.8	0.0589787	mg/L	0.00150632	0.0589787	mg/L	0.00150632	2.55%

Sequence No.: 23
Sample ID: 42940-004
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 58
Date Collected: 3/4/2009 1:10:31 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-004

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5802.9	96.9386	%	0.68206				0.70%
Scanadium	12454.7	98.4	%	1.32				1.34%
Aluminumt	-2.9	-0.0184108	mg/L	0.01143997	-0.0184108	mg/L	0.01143997	62.14%
Calciumt	225451.0	193.638	mg/L	4.2417	193.638	mg/L	4.2417	2.19%
Iront	-2.0	-0.0155241	mg/L	0.02557852	-0.0155241	mg/L	0.02557852	164.77%
Magnesiumt	14746.0	63.7714	mg/L	0.03279	63.7714	mg/L	0.03279	0.05%
Manganeset	1136.4	0.334500	mg/L	0.0017450	0.334500	mg/L	0.0017450	0.52%
Potassiumt	48340.8	24.2073	mg/L	0.15062	24.2073	mg/L	0.15062	0.62%
Sodiumt	1711317.4	458.738	mg/L	9.4398	458.738	mg/L	9.4398	2.06%
Titaniumt	-77.5	-0.0106109	mg/L	0.00120441	-0.0106109	mg/L	0.00120441	11.35%

Sequence No.: 24
Sample ID: 42940-005
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 59
Date Collected: 3/4/2009 1:14:33 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-005

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5882.4	98.2659	%	1.74174				1.77%
Scanadium	12597.8	99.5	%	1.81				1.82%
Aluminumt	12.2	0.0775543	mg/L	0.05476199	0.0775543	mg/L	0.05476199	70.61%
Calciumt	266117.5	228.566	mg/L	2.6159	228.566	mg/L	2.6159	1.14%
Iront	202.5	1.55737	mg/L	0.029064	1.55737	mg/L	0.029064	1.87%
Magnesiumt	15080.4	65.2176	mg/L	0.84245	65.2176	mg/L	0.84245	1.29%
Manganeset	3105.7	0.915659	mg/L	0.0258614	0.915659	mg/L	0.0258614	2.82%
Potassiumt	30872.1	15.4596	mg/L	0.19022	15.4596	mg/L	0.19022	1.23%
Sodiumt	1255809.4	336.634	mg/L	3.5822	336.634	mg/L	3.5822	1.06%
Titaniumt	-55.9	-0.0076467	mg/L	0.00140702	-0.0076467	mg/L	0.00140702	18.40%

Sequence No.: 25
Sample ID: 42940-006
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 60
Date Collected: 3/4/2009 1:17:46 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-006

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	5893.0	98.4430	%	1.76675				1.79%
Scanadium	12607.6	99.6	%	1.64				1.64%
Aluminumt	-4.2	-0.0263097	mg/L	0.02980367	-0.0263097	mg/L	0.02980367	113.28%
Calciumt	266630.8	229.007	mg/L	2.6682	229.007	mg/L	2.6682	1.17%
Iront	4.3	0.0329108	mg/L	0.02889363	0.0329108	mg/L	0.02889363	87.79%
Magnesiumt	15269.2	66.0342	mg/L	0.86373	66.0342	mg/L	0.86373	1.31%
Manganeset	2994.1	0.881373	mg/L	0.0112565	0.881373	mg/L	0.0112565	1.28%
Potassiumt	31340.6	15.6942	mg/L	0.06944	15.6942	mg/L	0.06944	0.44%
Sodiumt	1261050.4	338.039	mg/L	2.1349	338.039	mg/L	2.1349	0.63%
Titaniumt	-83.1	-0.0113726	mg/L	0.00034355	-0.0113726	mg/L	0.00034355	3.02%

Sequence No.: 26
Sample ID: ICSA V-60052
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 3/4/2009 1:21:00 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-60052

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5443.2	90.9305	%	0.05638				0.06%
Scanadium	11825.1	93.4	%	0.28				0.30%
Aluminumt	79100.2	500.995	mg/L	0.5384	500.995	mg/L	0.5384	0.11%
QC value within limits for Aluminum Recovery = 100.20%								
Calciumt	566399.2	486.475	mg/L	2.8581	486.475	mg/L	2.8581	0.59%
QC value within limits for Calcium Recovery = 97.29%								
Ironf	24985.3	192.113	mg/L	0.2152	192.113	mg/L	0.2152	0.11%
QC value within limits for Iron Recovery = 96.06%								
Magnesiumt	117222.4	506.946	mg/L	7.0768	506.946	mg/L	7.0768	1.40%
QC value within limits for Magnesium Recovery = 101.39%								
Manganesef	-445.8	0.0474778	mg/L	0.00000670	0.0474778	mg/L	0.00000670	0.01%
QC value within limits for Manganese Recovery = 4.75%								
Potassiumt	1615.4	0.808908	mg/L	0.0434216	0.808908	mg/L	0.0434216	5.37%
QC value within limits for Potassium Recovery = 80.89%								
Sodiumt	5748.0	1.54081	mg/L	0.087119	1.54081	mg/L	0.087119	5.65%
QC value within limits for Sodium Recovery = 154.08%								
Titaniumt	-209.4	-0.0286606	mg/L	0.00033375	-0.0286606	mg/L	0.00033375	1.16%
QC value within limits for Titanium Recovery = -2.87%								

All analyte(s) passed QC.

Sequence No.: 27
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 3/4/2009 1:24:49 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5502.4	91.9185	%	0.88973				0.97%
Scanadium	11935.6	94.3	%	0.60				0.64%
Aluminumt	77869.5	493.200	mg/L	4.7227	493.200	mg/L	4.7227	0.96%
QC value within limits for Aluminum Recovery = 98.64%								
Calciumt	555922.2	477.476	mg/L	4.0664	477.476	mg/L	4.0664	0.85%
QC value within limits for Calcium Recovery = 95.50%								
Iront	24838.0	190.980	mg/L	1.1319	190.980	mg/L	1.1319	0.59%
QC value within limits for Iron Recovery = 95.49%								
Magnesiumt	115077.7	497.671	mg/L	4.0008	497.671	mg/L	4.0008	0.80%
QC value within limits for Magnesium Recovery = 99.53%								
Manganeset	1197.9	0.530285	mg/L	0.0049045	0.530285	mg/L	0.0049045	0.92%
QC value within limits for Manganese Recovery = 106.06%								
Potassiumt	1322.6	0.662297	mg/L	0.0147006	0.662297	mg/L	0.0147006	2.22%
Sodiumt	3414.5	0.915298	mg/L	0.0241694	0.915298	mg/L	0.0241694	2.64%
Titaniumt	-214.3	-0.0293312	mg/L	0.00024343	-0.0293312	mg/L	0.00024343	0.83%

All analyte(s) passed QC.

Sequence No.: 28
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 3/4/2009 1:28:40 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	5712.4	95.4266	%	0.38854				0.41%
Scanadium	12218.3	96.5	%	0.17				0.18%
Aluminumt	839.4	5.31656	mg/L	0.020910	5.31656	mg/L	0.020910	0.39%
QC value within limits for Aluminum Recovery = 106.33%								
Calciumt	58241.3	50.0229	mg/L	0.04511	50.0229	mg/L	0.04511	0.09%
QC value within limits for Calcium Recovery = 100.05%								
Iront	664.1	5.10617	mg/L	0.025638	5.10617	mg/L	0.025638	0.50%
QC value within limits for Iron Recovery = 102.12%								
Magnesiumt	11660.2	50.4263	mg/L	0.02307	50.4263	mg/L	0.02307	0.05%
QC value within limits for Magnesium Recovery = 100.85%								
Manganeset	1710.1	0.508152	mg/L	0.0004741	0.508152	mg/L	0.0004741	0.09%
QC value within limits for Manganese Recovery = 101.63%								
Potassiumt	101127.2	50.6408	mg/L	0.03119	50.6408	mg/L	0.03119	0.06%
QC value within limits for Potassium Recovery = 101.28%								
Sodiumt	189503.2	50.7985	mg/L	0.02458	50.7985	mg/L	0.02458	0.05%
QC value within limits for Sodium Recovery = 101.60%								
Titaniumt	3663.1	0.501458	mg/L	0.0030038	0.501458	mg/L	0.0030038	0.60%
QC value within limits for Titanium Recovery = 100.29%								

All analyte(s) passed QC.

Sequence No.: 29
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 3/4/2009 1:31:38 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5807.5	97.0156	%	0.39882				0.41%
Scanadium	12288.3	97.1	%	0.18				0.18%
Aluminum†	10.2	0.0644204	mg/L	0.04468746	0.0644204	mg/L	0.04468746	69.37%
QC value within limits for Aluminum Recovery = Not calculated								
Calcium†	156.4	0.134291	mg/L	0.0095474	0.134291	mg/L	0.0095474	7.11%
QC value within limits for Calcium Recovery = Not calculated								
Iron†	13.8	0.106388	mg/L	0.0286531	0.106388	mg/L	0.0286531	26.93%
QC value within limits for Iron Recovery = Not calculated								
Magnesium†	35.2	0.152186	mg/L	0.0239087	0.152186	mg/L	0.0239087	15.71%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	3.6	0.0011511	mg/L	0.00129694	0.0011511	mg/L	0.00129694	112.67%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	420.7	0.210655	mg/L	0.0172848	0.210655	mg/L	0.0172848	8.21%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	1147.4	0.307583	mg/L	0.0332011	0.307583	mg/L	0.0332011	10.79%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	-0.8	-0.0001120	mg/L	0.00097372	-0.0001120	mg/L	0.00097372	869.09%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 30
Sample ID: 42940-007
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 61
Date Collected: 3/4/2009 1:34:38 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-007

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5825.5	97.3157	%	0.10513				0.11%
Scanadium	12537.9	99.1	%	0.60				0.61%
Aluminumt	6.4	0.0404516	mg/L	0.05207238	0.0404516	mg/L	0.05207238	128.73%
Calciumt	268636.1	230.729	mg/L	0.2060	230.729	mg/L	0.2060	0.09%
Iront	1150.4	8.84539	mg/L	0.016634	8.84539	mg/L	0.016634	0.19%
Magnesiumt	14910.5	64.4826	mg/L	0.21325	64.4826	mg/L	0.21325	0.33%
Manganeset	3083.7	0.915966	mg/L	0.0080888	0.915966	mg/L	0.0080888	0.88%
Potassiumt	30494.9	15.2707	mg/L	0.03438	15.2707	mg/L	0.03438	0.23%
Sodiumt	1310002.3	351.161	mg/L	0.3741	351.161	mg/L	0.3741	0.11%
Titaniumt	-79.9	-0.0109327	mg/L	0.00147652	-0.0109327	mg/L	0.00147652	13.51%

Sequence No.: 31
Sample ID: 42940-008
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 62
Date Collected: 3/4/2009 1:37:51 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-008

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	5845.6	97.6514	%	0.54114				0.55%
Scanadium	12532.7	99.0	%	0.74				0.75%
Aluminumt	-7.4	-0.0471642	mg/L	0.04048755	-0.0471642	mg/L	0.04048755	85.84%
Calciumt	265900.8	228.380	mg/L	2.1447	228.380	mg/L	2.1447	0.94%
Iront	4.4	0.0336271	mg/L	0.02728869	0.0336271	mg/L	0.02728869	81.15%
Magnesiumt	14357.0	62.0890	mg/L	0.85738	62.0890	mg/L	0.85738	1.38%
Manganeset	3240.4	0.953877	mg/L	0.0050867	0.953877	mg/L	0.0050867	0.53%
Potassiumt	29804.5	14.9250	mg/L	0.14478	14.9250	mg/L	0.14478	0.97%
Sodiumt	1243010.7	333.203	mg/L	2.1567	333.203	mg/L	2.1567	0.65%
Titaniumt	-87.8	-0.0120252	mg/L	0.00178036	-0.0120252	mg/L	0.00178036	14.81%

Sequence No.: 32
Sample ID: 42940-009
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 63
Date Collected: 3/4/2009 1:41:03 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-009

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5933.6	99.1227	%	0.27785				0.28%
Scanadium	12733.7	101	%	0.3				0.27%
Aluminumt	167.4	1.06016	mg/L	0.013661	1.06016	mg/L	0.013661	1.29%
Calciumt	220551.8	189.430	mg/L	2.9248	189.430	mg/L	2.9248	1.54%
Iront	8026.5	61.7163	mg/L	0.05214	61.7163	mg/L	0.05214	0.08%
Magnesiumt	13164.7	56.9327	mg/L	0.12093	56.9327	mg/L	0.12093	0.21%
Manganeset	16204.4	4.82739	mg/L	0.073752	4.82739	mg/L	0.073752	1.53%
Potassiumt	50652.8	25.3650	mg/L	0.42390	25.3650	mg/L	0.42390	1.67%
Sodiumt	1087062.2	291.399	mg/L	0.4209	291.399	mg/L	0.4209	0.14%
Titaniumt	298.5	0.0408582	mg/L	0.00097246	0.0408582	mg/L	0.00097246	2.38%

Sequence No.: 33
Sample ID: 42940-010
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 64
Date Collected: 3/4/2009 1:45:05 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-010

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5880.5	98.2345	%	0.31538				0.32%
Scanadium	12678.2	100	%	0.6				0.64%
Aluminumt	-5.4	-0.0344420	mg/L	0.00772677	-0.0344420	mg/L	0.00772677	22.43%
Calciumt	219070.0	188.157	mg/L	0.7579	188.157	mg/L	0.7579	0.40%
Iront	1278.0	9.82687	mg/L	0.145392	9.82687	mg/L	0.145392	1.48%
Magnesiumt	13180.7	57.0019	mg/L	0.30247	57.0019	mg/L	0.30247	0.53%
Manganeset	16166.7	4.76804	mg/L	0.005311	4.76804	mg/L	0.005311	0.11%
Potassiumt	50691.4	25.3844	mg/L	0.14607	25.3844	mg/L	0.14607	0.58%
Sodiumt	1093551.4	293.139	mg/L	0.9661	293.139	mg/L	0.9661	0.33%
Titaniumt	-66.6	-0.0091114	mg/L	0.00008497	-0.0091114	mg/L	0.00008497	0.93%

Sequence No.: 34
Sample ID: 42940-011
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 65
Date Collected: 3/4/2009 1:48:17 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-011

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5863.6	97.9526	%	1.59983				1.63%
Scanadium	12602.0	99.6	%	1.30				1.31%
Aluminumt	60.8	0.384975	mg/L	0.0316890	0.384975	mg/L	0.0316890	8.23%
Calciumt	264486.0	227.164	mg/L	2.5024	227.164	mg/L	2.5024	1.10%
Iront	2160.2	16.6097	mg/L	0.37655	16.6097	mg/L	0.37655	2.27%
Magnesiumt	15241.8	65.9153	mg/L	0.88164	65.9153	mg/L	0.88164	1.34%
Manganeset	8692.4	2.57419	mg/L	0.038206	2.57419	mg/L	0.038206	1.48%
Potassiumt	71408.6	35.7588	mg/L	0.32327	35.7588	mg/L	0.32327	0.90%
Sodiumt	1139131.1	305.357	mg/L	8.6030	305.357	mg/L	8.6030	2.82%
Titaniumt	93.9	0.0128543	mg/L	0.00158008	0.0128543	mg/L	0.00158008	12.29%

Sequence No.: 35
Sample ID: 42940-012
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 66
Date Collected: 3/4/2009 1:51:29 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-012

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5864.5	97.9682	%	1.06162				1.08%
Scanadium	12611.0	99.6	%	0.47				0.47%
Aluminumt	2.0	0.0129406	mg/L	0.01157476	0.0129406	mg/L	0.01157476	89.45%
Calciumt	260665.6	223.883	mg/L	0.4370	223.883	mg/L	0.4370	0.20%
Iront	17.0	0.130840	mg/L	0.0038743	0.130840	mg/L	0.0038743	2.96%
Magnesiumt	15092.1	65.2680	mg/L	0.50952	65.2680	mg/L	0.50952	0.78%
Manganeset	8419.4	2.47849	mg/L	0.001826	2.47849	mg/L	0.001826	0.07%
Potassiumt	70503.4	35.3055	mg/L	0.06717	35.3055	mg/L	0.06717	0.19%
Sodiumt	1132529.0	303.587	mg/L	0.1886	303.587	mg/L	0.1886	0.06%
Titaniumt	-91.2	-0.0124781	mg/L	0.00068747	-0.0124781	mg/L	0.00068747	5.51%

Sequence No.: 36
Sample ID: 42940-013
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 3/4/2009 1:54:42 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-013

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6326.8	105.690	%	0.4069				0.39%
Scanadium	12914.6	102	%	0.5				0.44%
Aluminumt	2847.6	18.0358	mg/L	0.01119	18.0358	mg/L	0.01119	0.06%
Calciumt	173401.5	148.933	mg/L	2.7183	148.933	mg/L	2.7183	1.83%
Iront	4751.3	36.5329	mg/L	0.60562	36.5329	mg/L	0.60562	1.66%
Magnesiumt	10398.8	44.9711	mg/L	0.11209	44.9711	mg/L	0.11209	0.25%
Manganeset	7837.2	2.34097	mg/L	0.007798	2.34097	mg/L	0.007798	0.33%
Potassiumt	26005.1	13.0224	mg/L	0.08792	13.0224	mg/L	0.08792	0.68%
Sodiumt	325447.9	87.2400	mg/L	1.11225	87.2400	mg/L	1.11225	1.27%
Titaniumt	7309.1	1.00057	mg/L	0.006421	1.00057	mg/L	0.006421	0.64%

Sequence No.: 37
Sample ID: 42940-014
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 3/4/2009 1:57:13 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-014

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5964.7	99.6410	%	0.74241				0.75%
Scanadium	12824.7	101	%	1.4				1.34%
Aluminumt	3.9	0.0249071	mg/L	0.02116001	0.0249071	mg/L	0.02116001	84.96%
Calciumt	164943.6	141.668	mg/L	1.5824	141.668	mg/L	1.5824	1.12%
Iront	90.1	0.692599	mg/L	0.0067439	0.692599	mg/L	0.0067439	0.97%
Magnesiumt	8684.3	37.5566	mg/L	0.35226	37.5566	mg/L	0.35226	0.94%
Manganeset	5556.2	1.63618	mg/L	0.005980	1.63618	mg/L	0.005980	0.37%
Potassiumt	19304.5	9.66697	mg/L	0.072355	9.66697	mg/L	0.072355	0.75%
Sodiumt	296166.1	79.3907	mg/L	0.40694	79.3907	mg/L	0.40694	0.51%
Titaniumt	-50.6	-0.0069291	mg/L	0.00021100	-0.0069291	mg/L	0.00021100	3.05%

Sequence No.: 38
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 3/4/2009 2:00:14 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5713.6	95.4466	%	0.14115				0.15%
Scanadium	12187.0	96.3	%	0.04				0.04%
Aluminumt	793.0	5.02259	mg/L	0.030978	5.02259	mg/L	0.030978	0.62%
QC value within limits for Aluminum Recovery = 100.45%								
Calciumt	58243.7	50.0249	mg/L	0.31432	50.0249	mg/L	0.31432	0.63%
QC value within limits for Calcium Recovery = 100.05%								
Iront	645.3	4.96200	mg/L	0.016627	4.96200	mg/L	0.016627	0.34%
QC value within limits for Iron Recovery = 99.24%								
Magnesiumt	11784.0	50.9618	mg/L	0.08433	50.9618	mg/L	0.08433	0.17%
QC value within limits for Magnesium Recovery = 101.92%								
Manganeset	1722.6	0.511698	mg/L	0.0003930	0.511698	mg/L	0.0003930	0.08%
QC value within limits for Manganese Recovery = 102.34%								
Potassiumt	101726.2	50.9407	mg/L	0.47074	50.9407	mg/L	0.47074	0.92%
QC value within limits for Potassium Recovery = 101.88%								
Sodiumt	190267.0	51.0032	mg/L	0.35151	51.0032	mg/L	0.35151	0.69%
QC value within limits for Sodium Recovery = 102.01%								
Titaniumt	3689.3	0.505042	mg/L	0.0010151	0.505042	mg/L	0.0010151	0.20%
QC value within limits for Titanium Recovery = 101.01%								

All analyte(s) passed QC.

Sequence No.: 39
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 3/4/2009 2:03:12 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5868.8	98.0395	%	0.06104				0.06%
Scanadium	12345.1	97.5	%	0.38				0.39%
Aluminum†	-1.0	-0.0066024	mg/L	0.00148509	-0.0066024	mg/L	0.00148509	22.49%
QC value within limits for Aluminum Recovery = Not calculated								
Calcium†	109.8	0.0943410	mg/L	0.01420094	0.0943410	mg/L	0.01420094	15.05%
QC value within limits for Calcium Recovery = Not calculated								
Iron†	9.7	0.0747547	mg/L	0.00157420	0.0747547	mg/L	0.00157420	2.11%
QC value within limits for Iron Recovery = Not calculated								
Magnesium†	18.8	0.0812994	mg/L	0.01263105	0.0812994	mg/L	0.01263105	15.54%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	6.0	0.0018214	mg/L	0.00016334	0.0018214	mg/L	0.00016334	8.97%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	605.0	0.302965	mg/L	0.0213218	0.302965	mg/L	0.0213218	7.04%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	1424.5	0.381866	mg/L	0.0000973	0.381866	mg/L	0.0000973	0.03%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	1.5	0.0002070	mg/L	0.00065447	0.0002070	mg/L	0.00065447	316.10%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 40
Sample ID: 42940-029
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 69
Date Collected: 3/4/2009 2:06:11 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-029

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6123.2	102.289	%	1.2336				1.21%
Scanadium	13007.4	103	%	1.0				0.96%
Aluminumt	11.2	0.0708291	mg/L	0.00522875	0.0708291	mg/L	0.00522875	7.38%
Calciumt	599.4	0.514809	mg/L	0.0018984	0.514809	mg/L	0.0018984	0.37%
Iront	16.3	0.125708	mg/L	0.0304436	0.125708	mg/L	0.0304436	24.22%
Magnesiumt	25.0	0.108178	mg/L	0.0025533	0.108178	mg/L	0.0025533	2.36%
Manganeset	9.6	0.0029300	mg/L	0.00172780	0.0029300	mg/L	0.00172780	58.97%
Potassiumt	491.0	0.245899	mg/L	0.0132862	0.245899	mg/L	0.0132862	5.40%
Sodiumt	2840.2	0.761360	mg/L	0.0249829	0.761360	mg/L	0.0249829	3.28%
Titaniumt	9.7	0.0013324	mg/L	0.00061158	0.0013324	mg/L	0.00061158	45.90%

Sequence No.: 41
Sample ID: 42940-030
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 70
Date Collected: 3/4/2009 2:09:12 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-030

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6081.2	101.588	%	0.2172				0.21%
Scanadium	12937.9	102	%	0.7				0.69%
Aluminumt	15.8	0.100371	mg/L	0.0257762	0.100371	mg/L	0.0257762	25.68%
Calciumt	558.7	0.479878	mg/L	0.0071509	0.479878	mg/L	0.0071509	1.49%
Iront	18.3	0.140608	mg/L	0.0134672	0.140608	mg/L	0.0134672	9.58%
Magnesiumt	17.6	0.0761526	mg/L	0.02235101	0.0761526	mg/L	0.02235101	29.35%
Manganeset	7.9	0.0024447	mg/L	0.00089684	0.0024447	mg/L	0.00089684	36.68%
Potassiumt	441.0	0.220829	mg/L	0.0178505	0.220829	mg/L	0.0178505	8.08%
Sodiumt	3854.7	1.03329	mg/L	0.035984	1.03329	mg/L	0.035984	3.48%
Titaniumt	-9.4	-0.0012868	mg/L	0.00058846	-0.0012868	mg/L	0.00058846	45.73%

Sequence No.: 42 Autosampler Location: 7
Sample ID: ICSA V-60052 Date Collected: 3/4/2009 2:12:13 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: ICSA V-60052

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	5445.3	90.9647	%	0.14770				0.16%
Scanadium	11803.1	93.3	%	0.27				0.29%
Aluminum†	78747.8	498.763	mg/L	3.0806	498.763	mg/L	3.0806	0.62%
QC value within limits for Aluminum Recovery = 99.75%								
Calcium†	565067.8	485.331	mg/L	3.0129	485.331	mg/L	3.0129	0.62%
QC value within limits for Calcium Recovery = 97.07%								
Iron†	24817.0	190.819	mg/L	1.7374	190.819	mg/L	1.7374	0.91%
QC value within limits for Iron Recovery = 95.41%								
Magnesium†	117376.9	507.614	mg/L	1.0433	507.614	mg/L	1.0433	0.21%
QC value within limits for Magnesium Recovery = 101.52%								
Manganese†	-451.5	0.0446058	mg/L	0.00197620	0.0446058	mg/L	0.00197620	4.43%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	1436.1	0.719123	mg/L	0.0375679	0.719123	mg/L	0.0375679	5.22%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	2851.6	0.764410	mg/L	0.0156377	0.764410	mg/L	0.0156377	2.05%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	-195.5	-0.0267659	mg/L	0.00129025	-0.0267659	mg/L	0.00129025	4.82%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 43
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 3/4/2009 2:16:02 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5557.4	92.8377	%	0.27816				0.30%
Scanadium	11942.5	94.4	%	0.55				0.58%
Aluminumt	77098.3	488.316	mg/L	7.8138	488.316	mg/L	7.8138	1.60%
QC value within limits for Aluminum Recovery = 97.66%								
Calciumt	550817.7	473.092	mg/L	7.4410	473.092	mg/L	7.4410	1.57%
QC value within limits for Calcium Recovery = 94.62%								
Iront	24648.6	189.524	mg/L	1.2599	189.524	mg/L	1.2599	0.66%
QC value within limits for Iron Recovery = 94.76%								
Magnesiumt	114802.0	496.479	mg/L	5.4905	496.479	mg/L	5.4905	1.11%
QC value within limits for Magnesium Recovery = 99.30%								
Manganeset	1183.6	0.524700	mg/L	0.0031427	0.524700	mg/L	0.0031427	0.60%
QC value within limits for Manganese Recovery = 104.94%								
Potassiumt	1384.4	0.693237	mg/L	0.0422938	0.693237	mg/L	0.0422938	6.10%
QC value within limits for Potassium Recovery = Not calculated								
Sodiumt	2785.7	0.746726	mg/L	0.0017399	0.746726	mg/L	0.0017399	0.23%
QC value within limits for Sodium Recovery = Not calculated								
Titaniumt	-207.2	-0.0283614	mg/L	0.00003409	-0.0283614	mg/L	0.00003409	0.12%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 44
Sample ID: CCV V-60256
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 3/4/2009 2:19:53 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-60256

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5696.2	95.1569	%	0.06127				0.06%
Scanadium	12148.9	96.0	%	0.19				0.19%
Aluminumt	838.8	5.31249	mg/L	0.026775	5.31249	mg/L	0.026775	0.50%
QC value within limits for Aluminum Recovery = 106.25%								
Calciumt	57958.5	49.7800	mg/L	0.28134	49.7800	mg/L	0.28134	0.57%
QC value within limits for Calcium Recovery = 99.56%								
Iront	659.8	5.07347	mg/L	0.004602	5.07347	mg/L	0.004602	0.09%
QC value within limits for Iron Recovery = 101.47%								
Magnesiumt	11735.8	50.7533	mg/L	0.12484	50.7533	mg/L	0.12484	0.25%
QC value within limits for Magnesium Recovery = 101.51%								
Manganeset	1708.0	0.507492	mg/L	0.0004441	0.507492	mg/L	0.0004441	0.09%
QC value within limits for Manganese Recovery = 101.50%								
Potassiumt	101108.4	50.6313	mg/L	0.28255	50.6313	mg/L	0.28255	0.56%
QC value within limits for Potassium Recovery = 101.26%								
Sodiumt	188236.9	50.4590	mg/L	0.20503	50.4590	mg/L	0.20503	0.41%
QC value within limits for Sodium Recovery = 100.92%								
Titaniumt	3681.5	0.503979	mg/L	0.0009116	0.503979	mg/L	0.0009116	0.18%
QC value within limits for Titanium Recovery = 100.80%								

All analyte(s) passed QC.

Sequence No.: 45
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 3/4/2009 2:22:51 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	5859.1	97.8767	%	1.42881				1.46%
Scanadium	12277.3	97.0	%	1.87				1.93%
Aluminum†	8.9	0.0564185	mg/L	0.01261107	0.0564185	mg/L	0.01261107	22.35%
QC value within limits for Aluminum Recovery = Not calculated								
Calcium†	162.3	0.139417	mg/L	0.0169516	0.139417	mg/L	0.0169516	12.16%
QC value within limits for Calcium Recovery = Not calculated								
Iron†	12.7	0.0978616	mg/L	0.04048637	0.0978616	mg/L	0.04048637	41.37%
QC value within limits for Iron Recovery = Not calculated								
Magnesium†	33.9	0.146787	mg/L	0.0824955	0.146787	mg/L	0.0824955	56.20%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	6.5	0.0020129	mg/L	0.00050432	0.0020129	mg/L	0.00050432	25.05%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	351.2	0.175885	mg/L	0.0261568	0.175885	mg/L	0.0261568	14.87%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	1127.7	0.302297	mg/L	0.0016110	0.302297	mg/L	0.0016110	0.53%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	1.5	0.0002046	mg/L	0.00049380	0.0002046	mg/L	0.00049380	241.30%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

File A9998C2 Batch 9998 Cont'd 1053

Analysis in Batch

Analysis Begun

Start Time: 3/4/2009 11:10:08 AM
Logged In Analyst: shiamala
Spectrometer Model: Optima 4300 DV, S/N 077N1030901
Plasma On Time: 3/4/2009 9:04:35 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\administrator\Sample Information\9998.sif
Batch ID: 9998
Results Data Set: A9998C2
Results Library: C:\pe\administrator\Results\Results.mdb

2nd Rev: DA 3/4/09

Method Loaded
Method Name: PE2 AXIAL
IEC File: IEC101708.iec
Method Description: 200.7/SW846
Method Last Saved: 3/4/2009 11:09:46 AM
MSF File:

Sequence No.: 1
Sample ID: Calib Blank 1 V-61671
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 3/4/2009 11:10:08 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Blank 1 V-61671

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1343619.8	9259.20	0.69%	100	%
Yittrium	493601.5	3086.53	0.63%	100	%
Aluminumt	18845.2	23.10	0.12%	[0.00]	mg/L
Antimonyt	78.3	7.61	9.71%	[0.00]	mg/L
Arsenict	22.5	0.81	3.59%	[0.00]	mg/L
Bariumt	-535.8	5.07	0.95%	[0.00]	mg/L
Berylliumt	-2805.9	0.02	0.00%	[0.00]	mg/L
Cadmiumt	605.8	10.68	1.76%	[0.00]	mg/L
Calciumt	-106007.5	29.80	0.03%	[0.00]	mg/L
Chromiumt	1028.5	14.77	1.44%	[0.00]	mg/L
Cobaltt	80.2	4.67	5.82%	[0.00]	mg/L
Coppert	925.3	148.91	16.09%	[0.00]	mg/L
Iront	-2711.8	6.79	0.25%	[0.00]	mg/L
Leadt	-4.5	4.88	108.12%	[0.00]	mg/L
Magnesiumt	-7867.6	24.38	0.31%	[0.00]	mg/L
Manganeset	-2671.3	6.49	0.24%	[0.00]	mg/L
Molybdenumt	37.6	17.08	45.41%	[0.00]	mg/L
Nickelt	688.0	37.11	5.39%	[0.00]	mg/L
Potassiumt	2332.7	74.77	3.21%	[0.00]	mg/L
Seleniumt	19.8	2.33	11.78%	[0.00]	mg/L
Silvert	-128.4	63.00	49.06%	[0.00]	mg/L
Sodiumt	-747.1	81.39	10.89%	[0.00]	mg/L
Thalliumt	-73.0	5.46	7.48%	[0.00]	mg/L
Tint	21.9	9.83	44.84%	[0.00]	mg/L
Titaniumt	242.5	23.08	9.52%	[0.00]	mg/L
Vanadiumt	9226.9	22.06	0.24%	[0.00]	mg/L
Zinct	-643.0	2.26	0.35%	[0.00]	mg/L

9998

all elements reported except Na, K

Sequence No.: 2
Sample ID: Calib 1 V 59532
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 3/4/2009 11:13:59 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 1 V 59532

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1367487.6	40045.32	2.93%	102	%
Yittrium	498990.9	14019.81	2.81%	101	%
Arsenic†	10.6	1.32	12.43%	[0.005]	mg/L
Beryllium†	11607.7	490.40	4.22%	[0.003]	mg/L
Cadmium†	197.8	9.22	4.66%	[0.003]	mg/L
Lead†	75.6	10.89	14.41%	[0.004]	mg/L
Thallium†	13.3	6.44	48.26%	[0.005]	mg/L

Sequence No.: 3
Sample ID: Calib 2 V-61026
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 3/4/2009 11:17:19 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 2 V-61026

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1344770.6	38401.08	2.86%	100	%
Yittrium	491403.0	12538.53	2.55%	99.6	%
Aluminumt	1537.9	615.31	40.01%	[0.1]	mg/L
Antimonyt	38.9	10.34	26.57%	[0.01]	mg/L
Arsenict	16.7	4.68	27.95%	[0.01]	mg/L
Bariumt	1888.7	60.44	3.20%	[0.01]	mg/L
Berylliumt	36504.8	1671.70	4.58%	[0.01]	mg/L
Cadmiumt	643.8	56.66	8.80%	[0.01]	mg/L
Calciumt	132807.7	3114.00	2.34%	[1]	mg/L
Chromiumt	1160.2	72.56	6.25%	[0.01]	mg/L
Cobaltt	589.8	29.19	4.95%	[0.01]	mg/L
Coppert	1443.3	38.11	2.64%	[0.01]	mg/L
Iront	2477.2	50.06	2.02%	[0.1]	mg/L
Leadt	175.1	6.81	3.89%	[0.01]	mg/L
Magnesiumt	23606.4	1116.98	4.73%	[1]	mg/L
Manganeset	7030.7	196.85	2.80%	[0.01]	mg/L
Molybdenumt	176.6	8.95	5.07%	[0.01]	mg/L
Nickelt	683.0	34.98	5.12%	[0.01]	mg/L
Potassiumt	36.3	99.94	275.65%	[1]	mg/L
Seleniumt	4.3	11.36	267.20%	[0.01]	mg/L
Silvert	472.9	67.53	14.28%	[0.002]	mg/L
Sodiumt	788.9	41.41	5.25%	[1]	mg/L
Thalliumt	26.5	6.02	22.71%	[0.01]	mg/L
Tint	49.6	5.36	10.79%	[0.01]	mg/L
Titaniumt	8307.1	341.17	4.11%	[0.01]	mg/L
Vanadiumt	1797.6	336.28	18.71%	[0.01]	mg/L
Zinct	401.8	2.10	0.52%	[0.01]	mg/L

Sequence No.: 4
Sample ID: Calib 3 V-60254
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 3/4/2009 11:20:41 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 3 V-60254

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1295035.1	18959.73	1.46%	96.4	%
Yittrium	466850.4	7046.51	1.51%	94.6	%
Aluminumt	159192.6	5128.38	3.22%	[5]	mg/L
Antimonyt	1767.4	31.23	1.77%	[0.5]	mg/L
Arsenict	1000.1	22.85	2.28%	[0.5]	mg/L
Bariumt	93578.9	2735.76	2.92%	[0.5]	mg/L
Berylliumt	1897748.6	75818.24	4.00%	[0.5]	mg/L
Cadmiumt	33223.9	756.46	2.28%	[0.5]	mg/L
Calciumt	7000178.6	248957.89	3.56%	[50]	mg/L
Chromiumt	59514.5	1664.99	2.80%	[0.5]	mg/L
Cobaltt	28410.2	667.62	2.35%	[0.5]	mg/L
Coppert	77917.8	2324.80	2.98%	[0.5]	mg/L
Iront	125551.8	4870.45	3.88%	[5]	mg/L
Leadt	7627.8	171.07	2.24%	[0.5]	mg/L
Magnesiumt	1153171.5	47081.14	4.08%	[50]	mg/L
Manganeset	340357.2	10228.42	3.01%	[0.5]	mg/L
Molybdenumt	10111.4	689.18	6.82%	[0.5]	mg/L
Nickelt	33331.6	773.06	2.32%	[0.5]	mg/L
Potassiumt	4155.1	147.44	3.55%	[50]	mg/L
Seleniumt	936.0	19.10	2.04%	[0.5]	mg/L
Silvert	24648.4	735.24	2.98%	[0.1]	mg/L
Sodiumt	49146.3	1399.75	2.85%	[50]	mg/L
Thalliumt	1125.7	32.86	2.92%	[0.5]	mg/L
Tint	2628.9	66.69	2.54%	[0.5]	mg/L
Titaniumt	423831.4	13075.22	3.09%	[0.5]	mg/L
Vanadiumt	98595.4	3202.60	3.25%	[0.5]	mg/L
Zinct	20081.4	465.67	2.32%	[0.5]	mg/L

Sequence No.: 5
Sample ID: Calib 4 V-61028
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 3/4/2009 11:24:16 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 4 V-61028

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1251623.6	6368.11	0.51%	93.2	%
Yittrium	451778.2	1831.10	0.41%	91.5	%
Aluminumt	331141.1	7170.07	2.17%	[10]	mg/L
Antimonyt	3576.2	34.41	0.96%	[1.0]	mg/L
Arsenict	2034.1	28.77	1.41%	[1.0]	mg/L
Bariumt	186457.2	3212.49	1.72%	[1.0]	mg/L
Berylliumt	3813941.7	130213.05	3.41%	[1]	mg/L
Cadmiumt	66130.3	1245.87	1.88%	[1.0]	mg/L
Calciumt	14026849.7	436697.39	3.11%	[100]	mg/L
Chromiumt	118673.6	2146.48	1.81%	[1.0]	mg/L
Cobaltt	56090.4	1005.06	1.79%	[1.0]	mg/L
Coppert	157898.8	3152.45	2.00%	[1.0]	mg/L
Iront	251584.4	6659.43	2.65%	[10]	mg/L
Leadt	15225.1	151.89	1.00%	[1.0]	mg/L
Magnesiumt	2344964.9	38567.92	1.64%	[100]	mg/L
Manganeset	677852.6	12675.99	1.87%	[1.0]	mg/L
Molybdenumt	20535.1	1125.22	5.48%	[1.0]	mg/L
Nickelt	65490.9	1131.83	1.73%	[1.0]	mg/L
Potassiumt	9410.6	247.05	2.63%	[100]	mg/L
Seleniumt	1967.7	33.02	1.68%	[1.0]	mg/L
Silvert	49898.0	1041.84	2.09%	[0.2]	mg/L
Sodiumt	108214.3	2171.78	2.01%	[100]	mg/L
Thalliumt	2267.0	40.23	1.77%	[1.0]	mg/L
Tint	5218.8	58.30	1.12%	[1.0]	mg/L
Titaniumt	851549.8	15287.02	1.80%	[1.0]	mg/L
Vanadiumt	197328.6	3720.53	1.89%	[1.0]	mg/L
Zinct	39718.2	690.97	1.74%	[1.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Aluminum	3	Lin Thru 0	0.0	32860	0.00000	0.999868	
Antimony	3	Lin Thru 0	0.0	3568	0.00000	0.999989	
Arsenic	4	Lin Thru 0	0.0	2027	0.00000	0.999976	
Barium	3	Lin Thru 0	0.0	186600	0.00000	0.999999	
Beryllium	4	Lin Thru 0	0.0	3810000	0.00000	0.999998	
Cadmium	4	Lin Thru 0	0.0	66190	0.00000	0.999998	
Calcium	3	Lin Thru 0	0.0	140200	0.00000	1.000000	
Chromium	3	Lin Thru 0	0.0	118700	0.00000	0.999999	
Cobalt	3	Lin Thru 0	0.0	56240	0.00000	0.999986	
Copper	3	Lin Thru 0	0.0	157500	0.00000	0.999986	
Iron	3	Lin Thru 0	0.0	25150	0.00000	1.000000	
Lead	4	Lin Thru 0	0.0	15230	0.00000	0.999998	
Magnesium	3	Lin Thru 0	0.0	23370	0.00000	0.999978	
Manganese	3	Lin Thru 0	0.0	678400	0.00000	0.999999	
Molybdenum	3	Lin Thru 0	0.0	20470	0.00000	0.999981	
Nickel	3	Lin Thru 0	0.0	65730	0.00000	0.999974	
Potassium	3	Lin Thru 0	0.0	91.90	0.00000	0.998840	
Selenium	3	Lin Thru 0	0.0	1948	0.00000	0.999782	
Silver	3	Lin Thru 0	0.0	248900	0.00000	0.999988	
Sodium	3	Lin Thru 0	0.0	1062	0.00000	0.999300	
Thallium	4	Lin Thru 0	0.0	2264	0.00000	0.999995	
Tin	3	Lin Thru 0	0.0	5227	0.00000	0.999995	
Titanium	3	Lin Thru 0	0.0	850800	0.00000	0.999998	
Vanadium	3	Lin Thru 0	0.0	197300	0.00000	1.000000	
Zinc	3	Lin Thru 0	0.0	39810	0.00000	0.999990	

Sequence No.: 6
Sample ID: ICS3 V-61028
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 3/4/2009 11:29:53 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS3 V-61028

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1262154.6	93.9	%	0.65				0.69%
Yittrium	454029.2	92.0	%	0.51				0.56%
Aluminumt	332684.1	10.1106	mg/L	0.17329	10.1106	mg/L	0.17329	1.71%
QC value within limits for Aluminum Recovery = 101.11%								
Antimonyt	3559.0	0.999773	mg/L	0.0120691	0.999773	mg/L	0.0120691	1.21%
QC value within limits for Antimony Recovery = 99.98%								
Arsenict	2028.1	0.993199	mg/L	0.0125515	0.993199	mg/L	0.0125515	1.26%
QC value within limits for Arsenic Recovery = 99.32%								
Bariumt	187257.0	1.00318	mg/L	0.013367	1.00318	mg/L	0.013367	1.33%
QC value within limits for Barium Recovery = 100.32%								
Berylliumt	3811050.1	0.999494	mg/L	0.0278115	0.999494	mg/L	0.0278115	2.78%
QC value within limits for Beryllium Recovery = 99.95%								
Cadmiumt	66357.8	1.00222	mg/L	0.014714	1.00222	mg/L	0.014714	1.47%
QC value within limits for Cadmium Recovery = 100.22%								
Calciumt	14019074.6	99.9828	mg/L	2.70255	99.9828	mg/L	2.70255	2.70%
QC value within limits for Calcium Recovery = 99.98%								
Chromiumt	119088.2	1.01015	mg/L	0.016291	1.01015	mg/L	0.016291	1.61%
QC value within limits for Chromium Recovery = 101.01%								
Cobaltt	56434.0	1.00554	mg/L	0.014135	1.00554	mg/L	0.014135	1.41%
QC value within limits for Cobalt Recovery = 100.55%								
Coppert	158079.7	1.00378	mg/L	0.018869	1.00378	mg/L	0.018869	1.88%
QC value within limits for Copper Recovery = 100.38%								
Iront	252924.6	10.0571	mg/L	0.22605	10.0571	mg/L	0.22605	2.25%
QC value within limits for Iron Recovery = 100.57%								
Leadt	15145.6	0.995918	mg/L	0.0105011	0.995918	mg/L	0.0105011	1.05%
QC value within limits for Lead Recovery = 99.59%								
Magnesiumt	2360889.4	101.012	mg/L	1.4088	101.012	mg/L	1.4088	1.39%
QC value within limits for Magnesium Recovery = 101.01%								
Manganeset	681196.2	1.00408	mg/L	0.014665	1.00408	mg/L	0.014665	1.46%
QC value within limits for Manganese Recovery = 100.41%								
Molybdenumt	20405.7	0.974632	mg/L	0.0582732	0.974632	mg/L	0.0582732	5.98%
QC value within limits for Molybdenum Recovery = 97.46%								
Nickelt	65767.4	1.00138	mg/L	0.014459	1.00138	mg/L	0.014459	1.44%
QC value within limits for Nickel Recovery = 100.14%								
Potassiumt	9481.9	102.950	mg/L	2.7008	102.950	mg/L	2.7008	2.62%
QC value within limits for Potassium Recovery = 102.95%								
Seleniumt	1956.1	1.01086	mg/L	0.023421	1.01086	mg/L	0.023421	2.32%
QC value within limits for Selenium Recovery = 101.09%								
Silvert	49981.2	0.200818	mg/L	0.0029436	0.200818	mg/L	0.0029436	1.47%
QC value within limits for Silver Recovery = 100.41%								
Sodiumt	108477.1	102.197	mg/L	1.6108	102.197	mg/L	1.6108	1.58%
QC value within limits for Sodium Recovery = 102.20%								
Thalliumt	2251.2	0.999514	mg/L	0.0198340	0.999514	mg/L	0.0198340	1.98%
QC value within limits for Thallium Recovery = 99.95%								
Tint	5207.1	0.988305	mg/L	0.0134486	0.988305	mg/L	0.0134486	1.36%
QC value within limits for Tin Recovery = 98.83%								
Titaniumt	856075.8	1.00624	mg/L	0.015298	1.00624	mg/L	0.015298	1.52%
QC value within limits for Titanium Recovery = 100.62%								
Vanadiumt	197985.7	1.00156	mg/L	0.016139	1.00156	mg/L	0.016139	1.61%
QC value within limits for Vanadium Recovery = 100.16%								
Zinct	39885.3	0.999918	mg/L	0.0141399	0.999918	mg/L	0.0141399	1.41%
QC value within limits for Zinc Recovery = 99.99%								

All analyte(s) passed QC.

Sequence No.: 7
Sample ID: ICV V-60572 (2)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 3/4/2009 11:35:30 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV V-60572 (2)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1253124.1	93.3	%	0.79				0.84%
Yittrium	450960.0	91.4	%	0.90				0.99%
Aluminumt	337723.2	10.2638	mg/L	0.13917	10.2638	mg/L	0.13917	1.36%
QC value within limits for Aluminum Recovery = 102.64%								
Antimonyt	3655.8	1.02692	mg/L	0.011412	1.02692	mg/L	0.011412	1.11%
QC value within limits for Antimony Recovery = 102.69%								
Arsenict	2059.8	1.00884	mg/L	0.007988	1.00884	mg/L	0.007988	0.79%
QC value within limits for Arsenic Recovery = 100.88%								
Bariumt	194010.2	1.03937	mg/L	0.013655	1.03937	mg/L	0.013655	1.31%
QC value within limits for Barium Recovery = 103.94%								
Berylliumt	3835484.1	1.00591	mg/L	0.007871	1.00591	mg/L	0.007871	0.78%
QC value within limits for Beryllium Recovery = 100.59%								
Cadmiumt	66565.4	1.00536	mg/L	0.013875	1.00536	mg/L	0.013875	1.38%
QC value within limits for Cadmium Recovery = 100.54%								
Calciumt	13950136.8	99.4911	mg/L	0.67259	99.4911	mg/L	0.67259	0.68%
QC value within limits for Calcium Recovery = 99.49%								
Chromiumt	117999.5	1.00105	mg/L	0.014490	1.00105	mg/L	0.014490	1.45%
QC value within limits for Chromium Recovery = 100.10%								
Cobaltt	56419.2	1.00532	mg/L	0.012746	1.00532	mg/L	0.012746	1.27%
QC value within limits for Cobalt Recovery = 100.53%								
Coppert	157390.9	0.999402	mg/L	0.0137653	0.999402	mg/L	0.0137653	1.38%
QC value within limits for Copper Recovery = 99.94%								
Iront	251661.1	10.0069	mg/L	0.23314	10.0069	mg/L	0.23314	2.33%
QC value within limits for Iron Recovery = 100.07%								
Leadt	15279.7	1.00466	mg/L	0.009867	1.00466	mg/L	0.009867	0.98%
QC value within limits for Lead Recovery = 100.47%								
Magnesiumt	2354974.8	100.759	mg/L	1.7973	100.759	mg/L	1.7973	1.78%
QC value within limits for Magnesium Recovery = 100.76%								
Manganeset	698365.8	1.02939	mg/L	0.014765	1.02939	mg/L	0.014765	1.43%
QC value within limits for Manganese Recovery = 102.94%								
Molybdenumt	20608.4	0.984249	mg/L	0.0429053	0.984249	mg/L	0.0429053	4.36%
QC value within limits for Molybdenum Recovery = 98.42%								
Nickelt	65883.1	1.00315	mg/L	0.014307	1.00315	mg/L	0.014307	1.43%
QC value within limits for Nickel Recovery = 100.32%								
Potassiumt	9424.2	102.323	mg/L	1.7254	102.323	mg/L	1.7254	1.69%
QC value within limits for Potassium Recovery = 102.32%								
Seleniumt	1969.6	1.01775	mg/L	0.000638	1.01775	mg/L	0.000638	0.06%
QC value within limits for Selenium Recovery = 101.77%								
Silvert	49802.3	0.200099	mg/L	0.0025358	0.200099	mg/L	0.0025358	1.27%
QC value within limits for Silver Recovery = 100.05%								
Sodiumt	109620.8	103.267	mg/L	1.1848	103.267	mg/L	1.1848	1.15%
QC value within limits for Sodium Recovery = 103.27%								
Thalliumt	2344.7	1.04077	mg/L	0.004244	1.04077	mg/L	0.004244	0.41%
QC value within limits for Thallium Recovery = 104.08%								
Tint	5278.4	1.00199	mg/L	0.004459	1.00199	mg/L	0.004459	0.45%
QC value within limits for Tin Recovery = 100.20%								
Titaniumt	855748.2	1.00585	mg/L	0.012211	1.00585	mg/L	0.012211	1.21%
QC value within limits for Titanium Recovery = 100.59%								
Vanadiumt	196296.3	0.993057	mg/L	0.0158630	0.993057	mg/L	0.0158630	1.60%
QC value within limits for Vanadium Recovery = 99.31%								
Zinct	40608.7	1.01810	mg/L	0.020462	1.01810	mg/L	0.020462	2.01%
QC value within limits for Zinc Recovery = 101.81%								

All analyte(s) passed QC.

Sequence No.: 8
Sample ID: ICB V-61671
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 3/4/2009 11:41:07 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB V-61671

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	1340639.9	99.8	%	2.39				2.40%
Yittrium	491522.2	99.6	%	2.42				2.43%
Aluminumt	-259.7	-0.0080900	mg/L	0.01565448	-0.0080900	mg/L	0.01565448	193.50%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	3.4	0.0009611	mg/L	0.00238709	0.0009611	mg/L	0.00238709	248.38%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	3.7	0.0017942	mg/L	0.00390139	0.0017942	mg/L	0.00390139	217.44%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	97.4	0.0005218	mg/L	0.00013137	0.0005218	mg/L	0.00013137	25.18%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	2456.1	0.0006440	mg/L	0.00027427	0.0006440	mg/L	0.00027427	42.59%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	36.6	0.0005534	mg/L	0.00014805	0.0005534	mg/L	0.00014805	26.75%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	8799.1	0.0627542	mg/L	0.05307307	0.0627542	mg/L	0.05307307	84.57%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	32.8	0.0003692	mg/L	0.00014878	0.0003692	mg/L	0.00014878	40.30%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	44.8	0.0008490	mg/L	0.00024892	0.0008490	mg/L	0.00024892	29.32%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	183.3	0.0011638	mg/L	0.00062532	0.0011638	mg/L	0.00062532	53.73%
QC value within limits for Copper Recovery = Not calculated								
Iront	62.2	0.0024729	mg/L	0.00455503	0.0024729	mg/L	0.00455503	184.20%
QC value within limits for Iron Recovery = Not calculated								
Leadt	24.1	0.0016176	mg/L	0.00002665	0.0016176	mg/L	0.00002665	1.65%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	1479.2	0.0632868	mg/L	0.03052687	0.0632868	mg/L	0.03052687	48.24%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	351.4	0.0005180	mg/L	0.00027061	0.0005180	mg/L	0.00027061	52.24%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	262.6	0.0128171	mg/L	0.00105494	0.0128171	mg/L	0.00105494	8.23%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	44.9	0.0006935	mg/L	0.00020285	0.0006935	mg/L	0.00020285	29.25%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	12.8	0.139524	mg/L	0.0172410	0.139524	mg/L	0.0172410	12.36%
QC value within limits for Potassium Recovery = Not calculated								
Seleniumt	-6.4	-0.0032744	mg/L	0.00488098	-0.0032744	mg/L	0.00488098	149.07%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	62.0	0.0002489	mg/L	0.00009918	0.0002489	mg/L	0.00009918	39.84%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	3.6	0.0035913	mg/L	0.06363832	0.0035913	mg/L	0.06363832	>999.9%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	9.3	0.0041091	mg/L	0.00245349	0.0041091	mg/L	0.00245349	59.71%
QC value within limits for Thallium Recovery = Not calculated								
Tint	23.4	0.0044683	mg/L	0.00166195	0.0044683	mg/L	0.00166195	37.19%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	686.3	0.0008067	mg/L	0.00011811	0.0008067	mg/L	0.00011811	14.64%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	81.2	0.0004643	mg/L	0.00080317	0.0004643	mg/L	0.00080317	173.00%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	14.4	0.0003602	mg/L	0.00026252	0.0003602	mg/L	0.00026252	72.89%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 9
Sample ID: ICSA V-61023
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 3/4/2009 11:44:28 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-61023

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1157766.1	86.2	%	0.87				1.01%
Yittrium	413103.4	83.7	%	1.07				1.28%
Aluminum†	16969549.5	516.457	mg/L	12.6653	516.457	mg/L	12.6653	2.45%
QC value within limits for Aluminum Recovery = 103.29%								
Antimony†	48.0	-0.0010975	mg/L	0.00126658	-0.0010975	mg/L	0.00126658	115.41%
QC value within limits for Antimony Recovery = Not calculated								
Arsenic†	136.8	0.0080374	mg/L	0.00440717	0.0080374	mg/L	0.00440717	54.83%
QC value within limits for Arsenic Recovery = Not calculated								
Barium†	1235.1	-0.0058184	mg/L	0.00026592	-0.0058184	mg/L	0.00026592	4.57%
QC value within limits for Barium Recovery = Not calculated								
Beryllium†	-2298.3	-0.0006042	mg/L	0.00000055	-0.0006042	mg/L	0.00000055	0.09%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmium†	267.5	-0.0009246	mg/L	0.00010984	-0.0009246	mg/L	0.00010984	11.88%
QC value within limits for Cadmium Recovery = Not calculated								
Calcium†	69218305.1	493.659	mg/L	10.3111	493.659	mg/L	10.3111	2.09%
QC value within limits for Calcium Recovery = 98.73%								
Chromium†	-77.1	-0.0005495	mg/L	0.00006802	-0.0005495	mg/L	0.00006802	12.38%
QC value within limits for Chromium Recovery = Not calculated								
Cobalt†	-360.2	-0.0063492	mg/L	0.00041230	-0.0063492	mg/L	0.00041230	6.49%
QC value within limits for Cobalt Recovery = Not calculated								
Copper†	877.2	0.0055698	mg/L	0.00029372	0.0055698	mg/L	0.00029372	5.27%
QC value within limits for Copper Recovery = Not calculated								
Iron†	4888267.5	194.374	mg/L	2.0347	194.374	mg/L	2.0347	1.05%
QC value within limits for Iron Recovery = 97.19%								
Lead†	3572.9	0.0106594	mg/L	0.00265728	0.0106594	mg/L	0.00265728	24.93%
QC value within limits for Lead Recovery = Not calculated								
Magnesium†	12141092.5	519.462	mg/L	10.2298	519.462	mg/L	10.2298	1.97%
QC value within limits for Magnesium Recovery = 103.89%								
Manganese†	-1517.4	-0.0022367	mg/L	0.00015302	-0.0022367	mg/L	0.00015302	6.84%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenum†	281.7	-0.0079120	mg/L	0.00118968	-0.0079120	mg/L	0.00118968	15.04%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickel†	-99.6	-0.0015052	mg/L	0.00003541	-0.0015052	mg/L	0.00003541	2.35%
QC value within limits for Nickel Recovery = Not calculated								
Potassium†	-1218.5	-14.9830	mg/L	0.93193	-14.9830	mg/L	0.93193	6.22%
QC value less than the lower limit for Potassium Recovery = Not calculated								
Selenium†	-79.0	-0.0185041	mg/L	0.00438661	-0.0185041	mg/L	0.00438661	23.71%
QC value within limits for Selenium Recovery = Not calculated								
Silver†	-1210.4	-0.0048632	mg/L	0.00073668	-0.0048632	mg/L	0.00073668	15.15%
QC value within limits for Silver Recovery = Not calculated								
Sodium†	-276.3	-0.251171	mg/L	0.0908366	-0.251171	mg/L	0.0908366	36.17%
QC value within limits for Sodium Recovery = Not calculated								
Thallium†	-117.6	-0.0044814	mg/L	0.00681857	-0.0044814	mg/L	0.00681857	152.15%
QC value within limits for Thallium Recovery = Not calculated								
Tin†	175.0	0.0136078	mg/L	0.00068425	0.0136078	mg/L	0.00068425	5.03%
QC value within limits for Tin Recovery = Not calculated								
Titanium†	1240.4	0.0014580	mg/L	0.00009887	0.0014580	mg/L	0.00009887	6.78%
QC value within limits for Titanium Recovery = Not calculated								
Vanadium†	4243.7	-0.0159258	mg/L	0.00071890	-0.0159258	mg/L	0.00071890	4.51%
QC value within limits for Vanadium Recovery = Not calculated								
Zinc†	-987.4	-0.0242457	mg/L	0.00062187	-0.0242457	mg/L	0.00062187	2.56%
QC value within limits for Zinc Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 10
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 3/4/2009 11:50:35 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	1153188.7	85.8	%	0.55				0.64%
Yittrium	413452.4	83.8	%	0.84				1.01%
Aluminumt	17048157.6	518.850	mg/L	2.4157	518.850	mg/L	2.4157	0.47%
QC value within limits for Aluminum Recovery = 103.77%								
Antimonyt	3721.0	1.02832	mg/L	0.002462	1.02832	mg/L	0.002462	0.24%
QC value within limits for Antimony Recovery = 102.83%								
Arsenict	2209.8	1.03005	mg/L	0.005639	1.03005	mg/L	0.005639	0.55%
QC value within limits for Arsenic Recovery = 103.00%								
Bariumt	99546.1	0.521001	mg/L	0.0041421	0.521001	mg/L	0.0041421	0.80%
QC value within limits for Barium Recovery = 104.20%								
Berylliumt	1949453.1	0.511634	mg/L	0.0035851	0.511634	mg/L	0.0035851	0.70%
QC value within limits for Beryllium Recovery = 102.33%								
Cadmiumt	69964.7	1.05200	mg/L	0.005141	1.05200	mg/L	0.005141	0.49%
QC value within limits for Cadmium Recovery = 105.20%								
Calciumt	69627802.8	496.579	mg/L	0.2204	496.579	mg/L	0.2204	0.04%
QC value within limits for Calcium Recovery = 99.32%								
Chromiumt	58759.9	0.494919	mg/L	0.0015207	0.494919	mg/L	0.0015207	0.31%
QC value within limits for Chromium Recovery = 98.98%								
Cobaltt	26689.3	0.474629	mg/L	0.0014124	0.474629	mg/L	0.0014124	0.30%
QC value within limits for Cobalt Recovery = 94.93%								
Coppert	85099.7	0.540366	mg/L	0.0031352	0.540366	mg/L	0.0031352	0.58%
QC value within limits for Copper Recovery = 108.07%								
Iront	4889486.4	194.422	mg/L	1.7598	194.422	mg/L	1.7598	0.91%
QC value within limits for Iron Recovery = 97.21%								
Leadt	18471.3	0.987820	mg/L	0.0057480	0.987820	mg/L	0.0057480	0.58%
QC value within limits for Lead Recovery = 98.78%								
Magnesiumt	12229112.5	523.228	mg/L	0.2003	523.228	mg/L	0.2003	0.04%
QC value within limits for Magnesium Recovery = 104.65%								
Manganeset	339425.7	0.500313	mg/L	0.0031888	0.500313	mg/L	0.0031888	0.64%
QC value within limits for Manganese Recovery = 100.06%								
Molybdenumt	211.9	-0.0282070	mg/L	0.00038304	-0.0282070	mg/L	0.00038304	1.36%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	61382.6	0.933930	mg/L	0.0054170	0.933930	mg/L	0.0054170	0.58%
QC value within limits for Nickel Recovery = 93.39%								
Potassiumt	-1181.6	-14.5924	mg/L	0.01065	-14.5924	mg/L	0.01065	0.07%
QC value less than the lower limit for Potassium Recovery = Not calculated								
Seleniumt	1911.9	1.00371	mg/L	0.014790	1.00371	mg/L	0.014790	1.47%
QC value within limits for Selenium Recovery = 100.37%								
Silvert	264766.2	1.06380	mg/L	0.005583	1.06380	mg/L	0.005583	0.52%
QC value within limits for Silver Recovery = 106.38%								
Sodiumt	56.0	-0.267327	mg/L	0.0995001	-0.267327	mg/L	0.0995001	37.22%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	2071.8	0.962471	mg/L	0.0002579	0.962471	mg/L	0.0002579	0.03%
QC value within limits for Thallium Recovery = 96.25%								
Tint	161.3	0.0107205	mg/L	0.00264272	0.0107205	mg/L	0.00264272	24.65%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	1415.4	0.0016637	mg/L	0.00009690	0.0016637	mg/L	0.00009690	5.82%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	101628.7	0.477425	mg/L	0.0014184	0.477425	mg/L	0.0014184	0.30%
QC value within limits for Vanadium Recovery = 95.49%								
Zinct	37992.2	0.954937	mg/L	0.0058307	0.954937	mg/L	0.0058307	0.61%
QC value within limits for Zinc Recovery = 95.49%								

QC Failed. Continue with analysis.

Sequence No.: 11
Sample ID: MB 9998 (0.5)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 3/4/2009 11:56:10 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 9998 (0.5)

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1350841.3	101	%	3.1				3.05%
Yittrium	494330.7	100	%	2.7				2.72%
Aluminumt	2836.3	0.0863292	mg/L	0.00448378	0.0863292	mg/L	0.00448378	5.19%
Antimonyt	10.6	0.0029638	mg/L	0.00147735	0.0029638	mg/L	0.00147735	49.85%
Arsenict	1.5	0.0007471	mg/L	0.00252825	0.0007471	mg/L	0.00252825	338.43%
Bariumt	49.6	0.0002636	mg/L	0.00003022	0.0002636	mg/L	0.00003022	11.46%
Berylliumt	477.2	0.0001252	mg/L	0.00003930	0.0001252	mg/L	0.00003930	31.39%
Cadmiumt	4.1	0.0000607	mg/L	0.00014099	0.0000607	mg/L	0.00014099	232.45%
Calciumt	18178.5	0.129647	mg/L	0.0376603	0.129647	mg/L	0.0376603	29.05%
Chromiumt	5.1	0.0000397	mg/L	0.00030508	0.0000397	mg/L	0.00030508	768.72%
Cobaltt	2.7	0.0000467	mg/L	0.00006234	0.0000467	mg/L	0.00006234	133.45%
Coppert	47.3	0.0003004	mg/L	0.00014873	0.0003004	mg/L	0.00014873	49.51%
Iront	1185.2	0.0471293	mg/L	0.00902522	0.0471293	mg/L	0.00902522	19.15%
Leadt	-7.2	-0.0005102	mg/L	0.00030274	-0.0005102	mg/L	0.00030274	59.34%
Magnesiumt	2964.9	0.126855	mg/L	0.0226418	0.126855	mg/L	0.0226418	17.85%
Manganeset	28.4	0.0000418	mg/L	0.00014985	0.0000418	mg/L	0.00014985	358.42%
Molybdenumt	-9.4	-0.0004653	mg/L	0.00034878	-0.0004653	mg/L	0.00034878	74.95%
Nickelt	7.2	0.0001091	mg/L	0.00041372	0.0001091	mg/L	0.00041372	379.28%
Potassiumt	8.0	0.0864762	mg/L	1.10612985	0.0864762	mg/L	1.10612985	>999.9%
Seleniumt	-7.6	-0.0039163	mg/L	0.00335735	-0.0039163	mg/L	0.00335735	85.73%
Silvert	46.3	0.0001861	mg/L	0.00016768	0.0001861	mg/L	0.00016768	90.11%
Sodiumt	-9.1	-0.0084935	mg/L	0.00822673	-0.0084935	mg/L	0.00822673	96.86%
Thalliumt	10.2	0.0045240	mg/L	0.00029980	0.0045240	mg/L	0.00029980	6.63%
Tint	-6.7	-0.0012895	mg/L	0.00140190	-0.0012895	mg/L	0.00140190	108.72%
Titaniumt	65.2	0.0000766	mg/L	0.00012430	0.0000766	mg/L	0.00012430	162.29%
Vanadiumt	-45.4	-0.0002414	mg/L	0.00143626	-0.0002414	mg/L	0.00143626	594.95%
Zinct	-3.0	-0.0000769	mg/L	0.00071006	-0.0000769	mg/L	0.00071006	923.48%

Sequence No.: 12
Sample ID: LCSW
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 3/4/2009 11:59:33 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1355872.5	101	%	1.3				1.26%
Yittrium	474686.7	96.2	%	0.82				0.85%
Aluminumt	155316.7	4.72169	mg/L	0.122920	4.72169	mg/L	0.122920	2.60%
Antimonyt	1692.0	0.475318	mg/L	0.0148353	0.475318	mg/L	0.0148353	3.12%
Arsenict	969.4	0.474777	mg/L	0.0197429	0.474777	mg/L	0.0197429	4.16%
Bariumt	93033.6	0.498417	mg/L	0.0116521	0.498417	mg/L	0.0116521	2.34%
Berylliumt	1829347.8	0.479777	mg/L	0.0226291	0.479777	mg/L	0.0226291	4.72%
Cadmiumt	32198.6	0.486316	mg/L	0.0136004	0.486316	mg/L	0.0136004	2.80%
Calciumt	6728543.9	47.9874	mg/L	2.34885	47.9874	mg/L	2.34885	4.89%
Chromiumt	56316.4	0.476912	mg/L	0.0121323	0.476912	mg/L	0.0121323	2.54%
Cobaltt	27561.4	0.490608	mg/L	0.0134384	0.490608	mg/L	0.0134384	2.74%
Coppert	73180.8	0.464684	mg/L	0.0121417	0.464684	mg/L	0.0121417	2.61%
Iront	113166.5	4.49988	mg/L	0.247939	4.49988	mg/L	0.247939	5.51%
Leadt	7359.2	0.483717	mg/L	0.0139700	0.483717	mg/L	0.0139700	2.89%
Magnesiumt	1127207.4	48.2281	mg/L	2.32442	48.2281	mg/L	2.32442	4.82%
Manganeset	326971.2	0.481955	mg/L	0.0110600	0.481955	mg/L	0.0110600	2.29%
Molybdenumt	7446.7	0.352791	mg/L	0.0371899	0.352791	mg/L	0.0371899	10.54%
Nickelt	32094.3	0.488581	mg/L	0.0138150	0.488581	mg/L	0.0138150	2.83%
Potassiumt	3909.6	42.4345	mg/L	0.03202	42.4345	mg/L	0.03202	0.08%
Seleniumt	907.2	0.468932	mg/L	0.0350299	0.468932	mg/L	0.0350299	7.47%
Silvert	22793.6	0.0915818	mg/L	0.00270414	0.0915818	mg/L	0.00270414	2.95%
Sodiumt	47511.8	44.7528	mg/L	0.99736	44.7528	mg/L	0.99736	2.23%
Thalliumt	1150.2	0.510366	mg/L	0.0112186	0.510366	mg/L	0.0112186	2.20%
Tint	2500.8	0.474614	mg/L	0.0217216	0.474614	mg/L	0.0217216	4.58%
Titaniumt	400389.7	0.470620	mg/L	0.0146616	0.470620	mg/L	0.0146616	3.12%
Vanadiumt	91870.9	0.464243	mg/L	0.0188802	0.464243	mg/L	0.0188802	4.07%
Zinct	19930.8	0.499699	mg/L	0.0151750	0.499699	mg/L	0.0151750	3.04%

Sequence No.: 13
Sample ID: LCSW MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 3/4/2009 12:03:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW MR

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1344346.0	100	%	0.2				0.24%
Yittrium	470833.3	95.4	%	0.14				0.15%
Aluminumt	154414.0	4.69387	mg/L	0.065711	4.69387	mg/L	0.065711	1.40%
Antimonyt	1714.6	0.481648	mg/L	0.0051037	0.481648	mg/L	0.0051037	1.06%
Arsenict	987.9	0.483871	mg/L	0.0107903	0.483871	mg/L	0.0107903	2.23%
Bariumt	93247.0	0.499561	mg/L	0.0048231	0.499561	mg/L	0.0048231	0.97%
Berylliumt	1854117.4	0.486278	mg/L	0.0192765	0.486278	mg/L	0.0192765	3.96%
Cadmiumt	31739.1	0.479373	mg/L	0.0056002	0.479373	mg/L	0.0056002	1.17%
Calciumt	6793599.9	48.4513	mg/L	1.89711	48.4513	mg/L	1.89711	3.92%
Chromiumt	56422.3	0.477975	mg/L	0.0067044	0.477975	mg/L	0.0067044	1.40%
Cobaltt	27938.7	0.497417	mg/L	0.0056469	0.497417	mg/L	0.0056469	1.14%
Coppert	73375.7	0.465922	mg/L	0.0067600	0.465922	mg/L	0.0067600	1.45%
Iront	113374.7	4.50816	mg/L	0.196734	4.50816	mg/L	0.196734	4.36%
Leadt	7447.5	0.489598	mg/L	0.0074472	0.489598	mg/L	0.0074472	1.52%
Magnesiumt	1143612.4	48.9300	mg/L	2.04482	48.9300	mg/L	2.04482	4.18%
Manganeset	328300.2	0.483914	mg/L	0.0048583	0.483914	mg/L	0.0048583	1.00%
Molybdenumt	7930.5	0.376295	mg/L	0.0285441	0.376295	mg/L	0.0285441	7.59%
Nickelt	32553.8	0.495589	mg/L	0.0057288	0.495589	mg/L	0.0057288	1.16%
Potassiumt	3943.1	42.7982	mg/L	0.17467	42.7982	mg/L	0.17467	0.41%
Seleniumt	931.9	0.481658	mg/L	0.0101039	0.481658	mg/L	0.0101039	2.10%
Silvert	22937.4	0.0921597	mg/L	0.00173777	0.0921597	mg/L	0.00173777	1.89%
Sodiumt	47702.9	44.9308	mg/L	0.45692	44.9308	mg/L	0.45692	1.02%
Thalliumt	1148.0	0.509460	mg/L	0.0071725	0.509460	mg/L	0.0071725	1.41%
Tint	2548.1	0.483614	mg/L	0.0142341	0.483614	mg/L	0.0142341	2.94%
Titaniumt	400833.9	0.471142	mg/L	0.0091217	0.471142	mg/L	0.0091217	1.94%
Vanadiumt	92002.0	0.464969	mg/L	0.0142631	0.464969	mg/L	0.0142631	3.07%
Zinct	20181.2	0.505975	mg/L	0.0064687	0.505975	mg/L	0.0064687	1.28%

Sequence No.: 14
Sample ID: 42940-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 50
Date Collected: 3/4/2009 12:06:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1236079.2	92.0	%	1.96				2.13%
Yittrium	445046.1	90.2	%	2.02				2.24%
Aluminumt	3234.6	0.0977779	mg/L	0.01669115	0.0977779	mg/L	0.01669115	17.07%
Antimonyt	11.5	0.0028680	mg/L	0.00075471	0.0028680	mg/L	0.00075471	26.31%
Arsenict	28.2	0.0073293	mg/L	0.00178735	0.0073293	mg/L	0.00178735	24.39%
Bariumt	47764.7	0.255882	mg/L	0.0087089	0.255882	mg/L	0.0087089	3.40%
Berylliumt	497.7	0.0001294	mg/L	0.00016648	0.0001294	mg/L	0.00016648	128.69%
Cadmiumt	76.2	0.0010172	mg/L	0.00013744	0.0010172	mg/L	0.00013744	13.51%
Calciumt	32728096.5	233.414	mg/L	13.2628	233.414	mg/L	13.2628	5.68%
Chromiumt	148.4	0.0015831	mg/L	0.00010943	0.0015831	mg/L	0.00010943	6.91%
Cobaltt	18.0	0.0005118	mg/L	0.00022612	0.0005118	mg/L	0.00022612	44.18%
Coppert	949.0	0.0060262	mg/L	0.00018390	0.0060262	mg/L	0.00018390	3.05%
Iront	131291.8	5.22060	mg/L	0.314206	5.22060	mg/L	0.314206	6.02%
Leadt	-175.1	-0.0014767	mg/L	0.00079550	-0.0014767	mg/L	0.00079550	53.87%
Magnesiumt	1693576.1	72.4604	mg/L	2.38252	72.4604	mg/L	2.38252	3.29%
Manganeset	754221.2	1.11172	mg/L	0.037145	1.11172	mg/L	0.037145	3.34%
Molybdenumt	937.9	0.0338816	mg/L	0.00454351	0.0338816	mg/L	0.00454351	13.41%
Nickelt	8.8	0.0001677	mg/L	0.00011062	0.0001677	mg/L	0.00011062	65.97%
Potassiumt	1920.1	20.5809	mg/L	2.27360	20.5809	mg/L	2.27360	11.05%
Seleniumt	-66.5	-0.0190530	mg/L	0.00263665	-0.0190530	mg/L	0.00263665	13.84%
Silvert	151.4	0.0006083	mg/L	0.00018697	0.0006083	mg/L	0.00018697	30.74%
Sodiumt	700149.6	659.099	mg/L	26.0019	659.099	mg/L	26.0019	3.95%
Thalliumt	-32.2	-0.0088165	mg/L	0.00002043	-0.0088165	mg/L	0.00002043	0.23%
Tint	202.4	0.0176598	mg/L	0.00103578	0.0176598	mg/L	0.00103578	5.87%
Titaniumt	1511.3	0.0017764	mg/L	0.00009430	0.0017764	mg/L	0.00009430	5.31%
Vanadiumt	1918.9	0.0054754	mg/L	0.00133550	0.0054754	mg/L	0.00133550	24.39%
Zinct	490.6	0.0082314	mg/L	0.00042121	0.0082314	mg/L	0.00042121	5.12%

Sequence No.: 15
Sample ID: 42940-001 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 51
Date Collected: 3/4/2009 12:12:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001 MR

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1238911.6	92.2	%	0.28				0.30%
Yittrium	446757.2	90.5	%	0.46				0.51%
Aluminumt	3616.4	0.109742	mg/L	0.0067424	0.109742	mg/L	0.0067424	6.14%
Antimonyt	2.7	0.0004215	mg/L	0.00019128	0.0004215	mg/L	0.00019128	45.38%
Arsenict	32.2	0.0094413	mg/L	0.00288655	0.0094413	mg/L	0.00288655	30.57%
Bariumt	46244.6	0.247739	mg/L	0.0046436	0.247739	mg/L	0.0046436	1.87%
Berylliumt	-985.0	-0.0002592	mg/L	0.00000014	-0.0002592	mg/L	0.00000014	0.05%
Cadmiumt	54.3	0.0006911	mg/L	0.00014035	0.0006911	mg/L	0.00014035	20.31%
Calciumt	32081336.5	228.801	mg/L	6.5219	228.801	mg/L	6.5219	2.85%
Chromiumt	163.1	0.0015350	mg/L	0.00034560	0.0015350	mg/L	0.00034560	22.52%
Cobaltt	30.5	0.0006345	mg/L	0.00009901	0.0006345	mg/L	0.00009901	15.60%
Coppert	822.3	0.0052212	mg/L	0.00010426	0.0052212	mg/L	0.00010426	2.00%
Iront	126816.5	5.04265	mg/L	0.241196	5.04265	mg/L	0.241196	4.78%
Leadt	-207.9	-0.0038839	mg/L	0.00176877	-0.0038839	mg/L	0.00176877	45.54%
Magnesiumt	1645259.6	70.3932	mg/L	1.51973	70.3932	mg/L	1.51973	2.16%
Manganeset	732484.5	1.07968	mg/L	0.020995	1.07968	mg/L	0.020995	1.94%
Molybdenumt	453.2	0.0104862	mg/L	0.00049511	0.0104862	mg/L	0.00049511	4.72%
Nickelt	-23.6	-0.0003430	mg/L	0.00048439	-0.0003430	mg/L	0.00048439	141.23%
Potassiumt	1798.4	19.2636	mg/L	0.29442	19.2636	mg/L	0.29442	1.53%
Seleniumt	-72.2	-0.0222678	mg/L	0.00218560	-0.0222678	mg/L	0.00218560	9.82%
Silvert	99.2	0.0003987	mg/L	0.00075343	0.0003987	mg/L	0.00075343	188.95%
Sodiumt	678948.3	639.141	mg/L	9.5721	639.141	mg/L	9.5721	1.50%
Thalliumt	-28.6	-0.0073943	mg/L	0.00103501	-0.0073943	mg/L	0.00103501	14.00%
Tint	190.9	0.0158605	mg/L	0.00133388	0.0158605	mg/L	0.00133388	8.41%
Titaniumt	799.0	0.0009391	mg/L	0.00000681	0.0009391	mg/L	0.00000681	0.73%
Vanadiumt	1772.0	0.0047545	mg/L	0.00104258	0.0047545	mg/L	0.00104258	21.93%
Zinct	373.8	0.0053845	mg/L	0.00030018	0.0053845	mg/L	0.00030018	5.58%

Sequence No.: 16
Sample ID: 42940-001 MS 1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 52
Date Collected: 3/4/2009 12:17:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001 MS 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1211580.5	90.2	%	2.34				2.60%
Yittrium	435063.8	88.1	%	2.38				2.70%
Aluminumt	179643.7	5.46096	mg/L	0.112988	5.46096	mg/L	0.112988	2.07%
Antimonyt	1863.5	0.523089	mg/L	0.0079927	0.523089	mg/L	0.0079927	1.53%
Arsenict	1098.7	0.531761	mg/L	0.0094893	0.531761	mg/L	0.0094893	1.78%
Bariumt	145827.4	0.781230	mg/L	0.0176153	0.781230	mg/L	0.0176153	2.25%
Berylliumt	1931243.2	0.506496	mg/L	0.0087620	0.506496	mg/L	0.0087620	1.73%
Cadmiumt	34799.7	0.525465	mg/L	0.0098386	0.525465	mg/L	0.0098386	1.87%
Calciumt	39838986.5	284.128	mg/L	1.5565	284.128	mg/L	1.5565	0.55%
Chromiumt	58859.1	0.498877	mg/L	0.0081636	0.498877	mg/L	0.0081636	1.64%
Cobaltt	28633.2	0.509917	mg/L	0.0100912	0.509917	mg/L	0.0100912	1.98%
Coppert	82658.9	0.524868	mg/L	0.0109859	0.524868	mg/L	0.0109859	2.09%
Iront	256989.4	10.2188	mg/L	0.06195	10.2188	mg/L	0.06195	0.61%
Leadt	7435.1	0.498587	mg/L	0.0071898	0.498587	mg/L	0.0071898	1.44%
Magnesiumt	2901598.2	124.146	mg/L	2.2244	124.146	mg/L	2.2244	1.79%
Manganeset	1108113.7	1.63336	mg/L	0.038233	1.63336	mg/L	0.038233	2.34%
Molybdenumt	9001.5	0.416412	mg/L	0.0232701	0.416412	mg/L	0.0232701	5.59%
Nickelt	32925.8	0.501289	mg/L	0.0101421	0.501289	mg/L	0.0101421	2.02%
Potassiumt	8047.4	87.1392	mg/L	2.88975	87.1392	mg/L	2.88975	3.32%
Seleniumt	957.0	0.509764	mg/L	0.0106365	0.509764	mg/L	0.0106365	2.09%
Silvert	25025.0	0.100547	mg/L	0.0022645	0.100547	mg/L	0.0022645	2.25%
Sodiumt	801948.0	754.963	mg/L	19.0917	754.963	mg/L	19.0917	2.53%
Thalliumt	1132.8	0.508225	mg/L	0.0035982	0.508225	mg/L	0.0035982	0.71%
Tint	2810.0	0.512524	mg/L	0.0033997	0.512524	mg/L	0.0033997	0.66%
Titaniumt	428684.7	0.503878	mg/L	0.0066130	0.503878	mg/L	0.0066130	1.31%
Vanadiumt	99895.8	0.500577	mg/L	0.0072471	0.500577	mg/L	0.0072471	1.45%
Zinct	21030.8	0.523187	mg/L	0.0096735	0.523187	mg/L	0.0096735	1.85%

Sequence No.: 17
Sample ID: CCV V-61458
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 3/4/2009 12:23:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-61458

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1306255.1	97.2	%	1.10				1.13%
Yittrium	461059.3	93.4	%	0.62				0.67%
Aluminum†	161173.0	4.89780	mg/L	0.195265	4.89780	mg/L	0.195265	3.99%
QC value within limits for Aluminum Recovery = 97.96%								
Antimony†	1757.2	0.493629	mg/L	0.0141345	0.493629	mg/L	0.0141345	2.86%
QC value within limits for Antimony Recovery = 98.73%								
Arsenic†	1013.6	0.496361	mg/L	0.0103491	0.496361	mg/L	0.0103491	2.08%
QC value within limits for Arsenic Recovery = 99.27%								
Barium†	97067.7	0.520024	mg/L	0.0198311	0.520024	mg/L	0.0198311	3.81%
QC value within limits for Barium Recovery = 104.00%								
Beryllium†	1926632.2	0.505291	mg/L	0.0215026	0.505291	mg/L	0.0215026	4.26%
QC value within limits for Beryllium Recovery = 101.06%								
Cadmium†	33240.3	0.502040	mg/L	0.0131854	0.502040	mg/L	0.0131854	2.63%
QC value within limits for Cadmium Recovery = 100.41%								
Calcium†	7053236.4	50.3030	mg/L	2.13522	50.3030	mg/L	2.13522	4.24%
QC value within limits for Calcium Recovery = 100.61%								
Chromium†	58950.8	0.500162	mg/L	0.0180220	0.500162	mg/L	0.0180220	3.60%
QC value within limits for Chromium Recovery = 100.03%								
Cobalt†	28445.4	0.506895	mg/L	0.0136792	0.506895	mg/L	0.0136792	2.70%
QC value within limits for Cobalt Recovery = 101.38%								
Copper†	76917.2	0.488409	mg/L	0.0183908	0.488409	mg/L	0.0183908	3.77%
QC value within limits for Copper Recovery = 97.68%								
Iron†	125864.5	5.00479	mg/L	0.225546	5.00479	mg/L	0.225546	4.51%
QC value within limits for Iron Recovery = 100.10%								
Lead†	7622.1	0.501311	mg/L	0.0139082	0.501311	mg/L	0.0139082	2.77%
QC value within limits for Lead Recovery = 100.26%								
Magnesium†	1182935.5	50.6124	mg/L	2.04132	50.6124	mg/L	2.04132	4.03%
QC value within limits for Magnesium Recovery = 101.22%								
Manganese†	342884.0	0.505410	mg/L	0.0184898	0.505410	mg/L	0.0184898	3.66%
QC value within limits for Manganese Recovery = 101.08%								
Molybdenum†	10445.6	0.498966	mg/L	0.0321946	0.498966	mg/L	0.0321946	6.45%
QC value within limits for Molybdenum Recovery = 99.79%								
Nickel†	33482.6	0.509812	mg/L	0.0140966	0.509812	mg/L	0.0140966	2.77%
QC value within limits for Nickel Recovery = 101.96%								
Potassium†	4090.9	44.4018	mg/L	1.34277	44.4018	mg/L	1.34277	3.02%
QC value less than the lower limit for Potassium Recovery = 88.80%								
Selenium†	954.5	0.493366	mg/L	0.0143211	0.493366	mg/L	0.0143211	2.90%
QC value within limits for Selenium Recovery = 98.67%								
Silver†	24268.8	0.0975092	mg/L	0.00334391	0.0975092	mg/L	0.00334391	3.43%
QC value within limits for Silver Recovery = 97.51%								
Sodium†	49580.8	46.7075	mg/L	1.60735	46.7075	mg/L	1.60735	3.44%
QC value within limits for Sodium Recovery = 93.41%								
Thallium†	1175.1	0.521659	mg/L	0.0205705	0.521659	mg/L	0.0205705	3.94%
QC value within limits for Thallium Recovery = 104.33%								
Tin†	2654.2	0.503804	mg/L	0.0181135	0.503804	mg/L	0.0181135	3.60%
QC value within limits for Tin Recovery = 100.76%								
Titanium†	422604.0	0.496731	mg/L	0.0190571	0.496731	mg/L	0.0190571	3.84%
QC value within limits for Titanium Recovery = 99.35%								
Vanadium†	97668.9	0.494116	mg/L	0.0196253	0.494116	mg/L	0.0196253	3.97%
QC value within limits for Vanadium Recovery = 98.82%								
Zinc†	20384.6	0.511052	mg/L	0.0139177	0.511052	mg/L	0.0139177	2.72%
QC value within limits for Zinc Recovery = 102.21%								

QC Failed. Continue with analysis.

Sequence No.: 18
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 3/4/2009 12:28:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1327996.3	98.8	%	0.66				0.66%
Yittrium	486849.7	98.6	%	0.52				0.53%
Aluminumt	-86.0	-0.0027098	mg/L	0.00246453	-0.0027098	mg/L	0.00246453	90.95%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	10.0	0.0028062	mg/L	0.00144787	0.0028062	mg/L	0.00144787	51.60%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	2.2	0.0010785	mg/L	0.00228234	0.0010785	mg/L	0.00228234	211.62%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	6.4	0.0000342	mg/L	0.00011319	0.0000342	mg/L	0.00011319	330.81%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	358.4	0.0000939	mg/L	0.00004405	0.0000939	mg/L	0.00004405	46.92%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	18.8	0.0002836	mg/L	0.00012618	0.0002836	mg/L	0.00012618	44.49%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	-2710.3	-0.0193299	mg/L	0.00199329	-0.0193299	mg/L	0.00199329	10.31%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	12.5	0.0001520	mg/L	0.00001161	0.0001520	mg/L	0.00001161	7.64%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	10.4	0.0002115	mg/L	0.00006160	0.0002115	mg/L	0.00006160	29.13%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	40.1	0.0002549	mg/L	0.00022920	0.0002549	mg/L	0.00022920	89.93%
QC value within limits for Copper Recovery = Not calculated								
Iront	-177.2	-0.0070446	mg/L	0.00168948	-0.0070446	mg/L	0.00168948	23.98%
QC value within limits for Iron Recovery = Not calculated								
Leadt	13.8	0.0009208	mg/L	0.00018326	0.0009208	mg/L	0.00018326	19.90%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	-84.8	-0.0036275	mg/L	0.00221768	-0.0036275	mg/L	0.00221768	61.14%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	-94.9	-0.0001399	mg/L	0.00000467	-0.0001399	mg/L	0.00000467	3.34%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	130.5	0.0063947	mg/L	0.00100188	0.0063947	mg/L	0.00100188	15.67%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	32.1	0.0004927	mg/L	0.00022071	0.0004927	mg/L	0.00022071	44.79%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	23.5	0.255913	mg/L	0.1798738	0.255913	mg/L	0.1798738	70.29%
QC value within limits for Potassium Recovery = Not calculated								
Seleniumt	-16.1	-0.0082619	mg/L	0.00649185	-0.0082619	mg/L	0.00649185	78.58%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-83.1	-0.0003339	mg/L	0.00025677	-0.0003339	mg/L	0.00025677	76.89%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	9.9	0.0098543	mg/L	0.02715328	0.0098543	mg/L	0.02715328	275.55%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	0.2	0.0000802	mg/L	0.00235232	0.0000802	mg/L	0.00235232	>999.9%
QC value within limits for Thallium Recovery = Not calculated								
Tint	13.2	0.0025254	mg/L	0.00023399	0.0025254	mg/L	0.00023399	9.27%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	221.6	0.0002605	mg/L	0.00004208	0.0002605	mg/L	0.00004208	16.16%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	184.5	0.0009638	mg/L	0.00013148	0.0009638	mg/L	0.00013148	13.64%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-47.3	-0.0011877	mg/L	0.00011270	-0.0011877	mg/L	0.00011270	9.49%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 19
Sample ID: 42940-001 MS 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 53
Date Collected: 3/4/2009 12:32:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001 MS 2

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1239751.2	92.3	%	2.06				2.23%
Yittrium	443881.1	89.9	%	1.66				1.84%
Aluminumt	178396.2	5.42292	mg/L	0.108619	5.42292	mg/L	0.108619	2.00%
Antimonyt	1857.1	0.521281	mg/L	0.0108383	0.521281	mg/L	0.0108383	2.08%
Arsenict	1097.7	0.531426	mg/L	0.0096204	0.531426	mg/L	0.0096204	1.81%
Bariumt	143432.8	0.768401	mg/L	0.0153347	0.768401	mg/L	0.0153347	2.00%
Berylliumt	1906952.0	0.500124	mg/L	0.0088565	0.500124	mg/L	0.0088565	1.77%
Cadmiumt	34849.7	0.526224	mg/L	0.0119907	0.526224	mg/L	0.0119907	2.28%
Calciumt	39022854.3	278.307	mg/L	0.7178	278.307	mg/L	0.7178	0.26%
Chromiumt	58053.9	0.492134	mg/L	0.0090555	0.492134	mg/L	0.0090555	1.84%
Cobaltt	28645.6	0.510169	mg/L	0.0119080	0.510169	mg/L	0.0119080	2.33%
Coppert	81515.4	0.517607	mg/L	0.0102094	0.517607	mg/L	0.0102094	1.97%
Iront	252912.0	10.0566	mg/L	0.11097	10.0566	mg/L	0.11097	1.10%
Leadt	7449.4	0.499309	mg/L	0.0112355	0.499309	mg/L	0.0112355	2.25%
Magnesiumt	2850832.8	121.974	mg/L	1.7653	121.974	mg/L	1.7653	1.45%
Manganeset	1087324.7	1.60271	mg/L	0.028428	1.60271	mg/L	0.028428	1.77%
Molybdenumt	9108.8	0.421973	mg/L	0.0218576	0.421973	mg/L	0.0218576	5.18%
Nickelt	32889.9	0.500746	mg/L	0.0119173	0.500746	mg/L	0.0119173	2.38%
Potassiumt	7847.0	84.9669	mg/L	4.45831	84.9669	mg/L	4.45831	5.25%
Seleniumt	955.4	0.508567	mg/L	0.0086023	0.508567	mg/L	0.0086023	1.69%
Silvert	24735.6	0.0993848	mg/L	0.00178129	0.0993848	mg/L	0.00178129	1.79%
Sodiumt	788071.3	741.899	mg/L	16.7680	741.899	mg/L	16.7680	2.26%
Thalliumt	1143.2	0.512680	mg/L	0.0014102	0.512680	mg/L	0.0014102	0.28%
Tint	2808.9	0.512829	mg/L	0.0074063	0.512829	mg/L	0.0074063	1.44%
Titaniumt	425519.9	0.500158	mg/L	0.0069525	0.500158	mg/L	0.0069525	1.39%
Vanadiumt	98447.8	0.493395	mg/L	0.0060702	0.493395	mg/L	0.0060702	1.23%
Zinct	20965.1	0.521641	mg/L	0.0128636	0.521641	mg/L	0.0128636	2.47%

Sequence No.: 20
Sample ID: 42940-001 PS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 3/4/2009 12:37:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001 PS

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1219962.3	90.8	%	0.52				0.58%
Yittrium	436583.4	88.4	%	0.52				0.59%
Aluminumt	181744.6	5.52473	mg/L	0.100650	5.52473	mg/L	0.100650	1.82%
Antimonyt	1767.9	0.496306	mg/L	0.0118440	0.496306	mg/L	0.0118440	2.39%
Arsenict	1122.4	0.543576	mg/L	0.0038314	0.543576	mg/L	0.0038314	0.70%
Bariumt	145481.8	0.779379	mg/L	0.0109572	0.779379	mg/L	0.0109572	1.41%
Berylliumt	1961344.8	0.514394	mg/L	0.0075977	0.514394	mg/L	0.0075977	1.48%
Cadmiumt	35689.1	0.538904	mg/L	0.0045966	0.538904	mg/L	0.0045966	0.85%
Calciumt	39078429.0	278.704	mg/L	9.3323	278.704	mg/L	9.3323	3.35%
Chromiumt	59812.2	0.506992	mg/L	0.0080746	0.506992	mg/L	0.0080746	1.59%
Cobaltt	29366.8	0.523009	mg/L	0.0051414	0.523009	mg/L	0.0051414	0.98%
Coppert	83766.1	0.531899	mg/L	0.0091759	0.531899	mg/L	0.0091759	1.73%
Iront	253797.6	10.0918	mg/L	0.42810	10.0918	mg/L	0.42810	4.24%
Leadt	7639.2	0.511757	mg/L	0.0044511	0.511757	mg/L	0.0044511	0.87%
Magnesiumt	2855395.5	122.169	mg/L	1.7319	122.169	mg/L	1.7319	1.42%
Manganeset	1084766.5	1.59894	mg/L	0.019994	1.59894	mg/L	0.019994	1.25%
Molybdenumt	9252.2	0.428687	mg/L	0.0356361	0.428687	mg/L	0.0356361	8.31%
Nickelt	33775.9	0.514232	mg/L	0.0038876	0.514232	mg/L	0.0038876	0.76%
Potassiumt	7945.2	86.0344	mg/L	1.84499	86.0344	mg/L	1.84499	2.14%
Seleniumt	1004.4	0.533724	mg/L	0.0194022	0.533724	mg/L	0.0194022	3.64%
Silvert	22073.2	0.0886872	mg/L	0.00190449	0.0886872	mg/L	0.00190449	2.15%
Sodiumt	771284.5	726.094	mg/L	9.6483	726.094	mg/L	9.6483	1.33%
Thalliumt	1186.7	0.531922	mg/L	0.0024849	0.531922	mg/L	0.0024849	0.47%
Tint	2859.2	0.522417	mg/L	0.0123624	0.522417	mg/L	0.0123624	2.37%
Titaniumt	431128.7	0.506751	mg/L	0.0103735	0.506751	mg/L	0.0103735	2.05%
Vanadiumt	101168.7	0.507204	mg/L	0.0119129	0.507204	mg/L	0.0119129	2.35%
Zinct	21596.9	0.537506	mg/L	0.0031860	0.537506	mg/L	0.0031860	0.59%

Sequence No.: 21
Sample ID: 42940-001 SD
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 55
Date Collected: 3/4/2009 12:43:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-001 SD

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1308426.2	97.4	%	1.71				1.76%
Yittrium	469069.9	95.0	%	1.63				1.72%
Aluminumt	983.4	0.0296389	mg/L	0.00895682	0.0296389	mg/L	0.00895682	30.22%
Antimonyt	13.4	0.0036924	mg/L	0.00155323	0.0036924	mg/L	0.00155323	42.06%
Arsenict	9.3	0.0032588	mg/L	0.00055937	0.0032588	mg/L	0.00055937	17.16%
Bariumt	9485.2	0.0508127	mg/L	0.00124475	0.0508127	mg/L	0.00124475	2.45%
Berylliumt	-95.8	-0.0000253	mg/L	0.00001343	-0.0000253	mg/L	0.00001343	53.11%
Cadmiumt	26.5	0.0003730	mg/L	0.00015884	0.0003730	mg/L	0.00015884	42.58%
Calciumt	6522800.3	46.5200	mg/L	1.73181	46.5200	mg/L	1.73181	3.72%
Chromiumt	87.5	0.0008820	mg/L	0.00011465	0.0008820	mg/L	0.00011465	13.00%
Cobaltt	10.1	0.0002648	mg/L	0.00008653	0.0002648	mg/L	0.00008653	32.67%
Coppert	155.3	0.0009860	mg/L	0.00008422	0.0009860	mg/L	0.00008422	8.54%
Iront	26883.1	1.06896	mg/L	0.032095	1.06896	mg/L	0.032095	3.00%
Leadt	-81.4	-0.0033270	mg/L	0.00215396	-0.0033270	mg/L	0.00215396	64.74%
Magnesiumt	335443.8	14.3521	mg/L	0.19237	14.3521	mg/L	0.19237	1.34%
Manganeset	149918.5	0.220980	mg/L	0.0043568	0.220980	mg/L	0.0043568	1.97%
Molybdenumt	408.4	0.0174616	mg/L	0.00059211	0.0174616	mg/L	0.00059211	3.39%
Nickelt	6.7	0.0001164	mg/L	0.00030543	0.0001164	mg/L	0.00030543	262.42%
Potassiumt	167.0	1.75495	mg/L	0.696045	1.75495	mg/L	0.696045	39.66%
Seleniumt	-45.6	-0.0203920	mg/L	0.00142720	-0.0203920	mg/L	0.00142720	7.00%
Silvert	24.8	0.0000996	mg/L	0.00003065	0.0000996	mg/L	0.00003065	30.77%
Sodiumt	105107.0	98.9420	mg/L	1.89898	98.9420	mg/L	1.89898	1.92%
Thalliumt	-10.3	-0.0034629	mg/L	0.00061652	-0.0034629	mg/L	0.00061652	17.80%
Tint	103.9	0.0156901	mg/L	0.00154911	0.0156901	mg/L	0.00154911	9.87%
Titaniumt	166.9	0.0001962	mg/L	0.00002260	0.0001962	mg/L	0.00002260	11.52%
Vanadiumt	517.0	0.0018254	mg/L	0.00058994	0.0018254	mg/L	0.00058994	32.32%
Zinct	355.1	0.0081053	mg/L	0.00026405	0.0081053	mg/L	0.00026405	3.26%

Sequence No.: 22
Sample ID: 42940-002
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 56
Date Collected: 3/4/2009 12:47:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-002

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1228138.9	91.4	%	0.05				0.06%
Yittrium	439900.9	89.1	%	0.16				0.18%
Aluminumt	3494.4	0.106015	mg/L	0.0019483	0.106015	mg/L	0.0019483	1.84%
Antimonyt	-0.2	-0.0000478	mg/L	0.00212255	-0.0000478	mg/L	0.00212255	>999.9%
Arsenict	22.0	0.0044121	mg/L	0.00138844	0.0044121	mg/L	0.00138844	31.47%
Bariumt	41618.3	0.223036	mg/L	0.0018509	0.223036	mg/L	0.0018509	0.83%
Berylliumt	-1058.1	-0.0002778	mg/L	0.00001317	-0.0002778	mg/L	0.00001317	4.74%
Cadmiumt	40.0	0.0006048	mg/L	0.00016390	0.0006048	mg/L	0.00016390	27.10%
Calciumt	32743831.7	233.526	mg/L	5.6302	233.526	mg/L	5.6302	2.41%
Chromiumt	180.4	0.0016875	mg/L	0.00004595	0.0016875	mg/L	0.00004595	2.72%
Cobaltt	27.2	0.0005819	mg/L	0.00007620	0.0005819	mg/L	0.00007620	13.09%
Coppert	555.8	0.0035295	mg/L	0.00059323	0.0035295	mg/L	0.00059323	16.81%
Iront	-531.3	-0.0211252	mg/L	0.00058640	-0.0211252	mg/L	0.00058640	2.78%
Leadt	-212.6	-0.0037058	mg/L	0.00101429	-0.0037058	mg/L	0.00101429	27.37%
Magnesiumt	1669523.4	71.4313	mg/L	0.48649	71.4313	mg/L	0.48649	0.68%
Manganeset	746038.7	1.09966	mg/L	0.005631	1.09966	mg/L	0.005631	0.51%
Molybdenumt	473.0	0.0112938	mg/L	0.00013944	0.0112938	mg/L	0.00013944	1.23%
Nickelt	21.4	0.0003424	mg/L	0.00003504	0.0003424	mg/L	0.00003504	10.23%
Potassiumt	1870.6	20.0485	mg/L	0.39788	20.0485	mg/L	0.39788	1.98%
Seleniumt	-71.4	-0.0215899	mg/L	0.00808259	-0.0215899	mg/L	0.00808259	37.44%
Silvert	20.6	0.0000826	mg/L	0.00030138	0.0000826	mg/L	0.00030138	365.00%
Sodiumt	700825.8	659.737	mg/L	2.3909	659.737	mg/L	2.3909	0.36%
Thalliumt	-21.7	-0.0045834	mg/L	0.00283776	-0.0045834	mg/L	0.00283776	61.91%
Tint	186.7	0.0139512	mg/L	0.00074826	0.0139512	mg/L	0.00074826	5.36%
Titaniumt	157.2	0.0001847	mg/L	0.00062095	0.0001847	mg/L	0.00062095	336.14%
Vanadiumt	1798.9	0.0050142	mg/L	0.00013196	0.0050142	mg/L	0.00013196	2.63%
Zinct	200.6	0.0008992	mg/L	0.00014504	0.0008992	mg/L	0.00014504	16.13%

Sequence No.: 23
Sample ID: 42940-003
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 57
Date Collected: 3/4/2009 12:52:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-003

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1246216.1	92.8	%	1.28				1.38%
Yittrium	449301.5	91.0	%	1.25				1.38%
Aluminumt	35543.6	1.08140	mg/L	0.032531	1.08140	mg/L	0.032531	3.01%
Antimonyt	13.5	0.0038243	mg/L	0.00267017	0.0038243	mg/L	0.00267017	69.82%
Arsenict	27.1	0.0075970	mg/L	0.00041650	0.0075970	mg/L	0.00041650	5.48%
Bariumt	78247.9	0.419277	mg/L	0.0087370	0.419277	mg/L	0.0087370	2.08%
Berylliumt	-562.4	-0.0001989	mg/L	0.00001032	-0.0001989	mg/L	0.00001032	5.19%
Cadmiumt	37.5	0.0005028	mg/L	0.00019010	0.0005028	mg/L	0.00019010	37.81%
Calciumt	27563364.0	196.579	mg/L	7.3227	196.579	mg/L	7.3227	3.73%
Chromiumt	387.8	0.0034381	mg/L	0.00022096	0.0034381	mg/L	0.00022096	6.43%
Cobaltt	103.2	0.0017777	mg/L	0.00010448	0.0017777	mg/L	0.00010448	5.88%
Coppert	1273.0	0.0080836	mg/L	0.00010198	0.0080836	mg/L	0.00010198	1.26%
Iront	62326.2	2.47830	mg/L	0.121625	2.47830	mg/L	0.121625	4.91%
Leadt	302.0	0.0278820	mg/L	0.00098988	0.0278820	mg/L	0.00098988	3.55%
Magnesiumt	1554228.2	66.4984	mg/L	1.06852	66.4984	mg/L	1.06852	1.61%
Manganeset	284437.9	0.419261	mg/L	0.0081778	0.419261	mg/L	0.0081778	1.95%
Molybdenumt	485.5	0.0134747	mg/L	0.00077427	0.0134747	mg/L	0.00077427	5.75%
Nickelt	138.6	0.0021266	mg/L	0.00051559	0.0021266	mg/L	0.00051559	24.25%
Potassiumt	2730.4	29.4434	mg/L	1.10756	29.4434	mg/L	1.10756	3.76%
Seleniumt	-72.4	-0.0247383	mg/L	0.00602183	-0.0247383	mg/L	0.00602183	24.34%
Silvert	-2.8	-0.0000113	mg/L	0.00020312	-0.0000113	mg/L	0.00020312	>999.9%
Sodiumt	587967.1	553.519	mg/L	10.7031	553.519	mg/L	10.7031	1.93%
Thalliumt	-32.6	-0.0095527	mg/L	0.00217863	-0.0095527	mg/L	0.00217863	22.81%
Tint	176.4	0.0157522	mg/L	0.00078091	0.0157522	mg/L	0.00078091	4.96%
Titaniumt	61126.7	0.0718486	mg/L	0.00278655	0.0718486	mg/L	0.00278655	3.88%
Vanadiumt	2779.3	0.0101877	mg/L	0.00015485	0.0101877	mg/L	0.00015485	1.52%
Zinct	869.6	0.0183551	mg/L	0.00015670	0.0183551	mg/L	0.00015670	0.85%

Sequence No.: 24
Sample ID: 42940-004
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 58
Date Collected: 3/4/2009 12:58:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-004

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1228735.7	91.4	%	0.31				0.34%
Yittrium	439808.5	89.1	%	0.28				0.31%
Aluminumt	2415.1	0.0731566	mg/L	0.00850439	0.0731566	mg/L	0.00850439	11.62%
Antimonyt	20.3	0.0056903	mg/L	0.00529782	0.0056903	mg/L	0.00529782	93.10%
Arsenict	25.4	0.0069182	mg/L	0.00038156	0.0069182	mg/L	0.00038156	5.52%
Bariumt	74756.1	0.400626	mg/L	0.0047851	0.400626	mg/L	0.0047851	1.19%
Berylliumt	-1062.6	-0.0002786	mg/L	0.00002204	-0.0002786	mg/L	0.00002204	7.91%
Cadmiumt	46.9	0.0007087	mg/L	0.00017675	0.0007087	mg/L	0.00017675	24.94%
Calciumt	27995289.9	199.660	mg/L	5.7474	199.660	mg/L	5.7474	2.88%
Chromiumt	183.9	0.0017212	mg/L	0.00043273	0.0017212	mg/L	0.00043273	25.14%
Cobaltt	19.5	0.0004494	mg/L	0.00000952	0.0004494	mg/L	0.00000952	2.12%
Coppert	595.5	0.0037811	mg/L	0.00019833	0.0037811	mg/L	0.00019833	5.25%
Iront	-468.4	-0.0186232	mg/L	0.00235853	-0.0186232	mg/L	0.00235853	12.66%
Leadt	-186.7	-0.0034762	mg/L	0.00030167	-0.0034762	mg/L	0.00030167	8.68%
Magnesiumt	1563034.1	66.8751	mg/L	0.59592	66.8751	mg/L	0.59592	0.89%
Manganeset	234887.3	0.346223	mg/L	0.0036940	0.346223	mg/L	0.0036940	1.07%
Molybdenumt	486.5	0.0136001	mg/L	0.00060545	0.0136001	mg/L	0.00060545	4.45%
Nickelt	56.8	0.0008813	mg/L	0.00031229	0.0008813	mg/L	0.00031229	35.43%
Potassiumt	2831.0	30.5377	mg/L	0.45522	30.5377	mg/L	0.45522	1.49%
Seleniumt	-57.1	-0.0167291	mg/L	0.00693274	-0.0167291	mg/L	0.00693274	41.44%
Silvert	26.1	0.0001047	mg/L	0.00046176	0.0001047	mg/L	0.00046176	441.08%
Sodiumt	596057.8	561.110	mg/L	5.6647	561.110	mg/L	5.6647	1.01%
Thalliumt	-26.9	-0.0070034	mg/L	0.00476165	-0.0070034	mg/L	0.00476165	67.99%
Tint	179.5	0.0157287	mg/L	0.00116196	0.0157287	mg/L	0.00116196	7.39%
Titaniumt	-287.2	-0.0003376	mg/L	0.00006155	-0.0003376	mg/L	0.00006155	18.23%
Vanadiumt	2051.4	0.0065653	mg/L	0.00061300	0.0065653	mg/L	0.00061300	9.34%
Zinct	323.4	0.0045373	mg/L	0.00004564	0.0045373	mg/L	0.00004564	1.01%

Sequence No.: 25
Sample ID: 42940-005
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 59
Date Collected: 3/4/2009 1:03:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-005

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1245459.0	92.7	%	0.90				0.97%
Yittrium	447170.6	90.6	%	1.18				1.30%
Aluminumt	6007.4	0.182543	mg/L	0.0014546	0.182543	mg/L	0.0014546	0.80%
Antimonyt	6.7	0.0017923	mg/L	0.00044264	0.0017923	mg/L	0.00044264	24.70%
Arsenict	28.9	0.0077316	mg/L	0.00173874	0.0077316	mg/L	0.00173874	22.49%
Bariumt	48862.2	0.261828	mg/L	0.0015340	0.261828	mg/L	0.0015340	0.59%
Berylliumt	-1062.8	-0.0002826	mg/L	0.00001936	-0.0002826	mg/L	0.00001936	6.85%
Cadmiumt	35.2	0.0004921	mg/L	0.00023460	0.0004921	mg/L	0.00023460	47.68%
Calciumt	33152425.2	236.440	mg/L	4.9852	236.440	mg/L	4.9852	2.11%
Chromiumt	152.0	0.0014243	mg/L	0.00013877	0.0014243	mg/L	0.00013877	9.74%
Cobaltt	61.0	0.0011587	mg/L	0.00006868	0.0011587	mg/L	0.00006868	5.93%
Coppert	1150.0	0.0073024	mg/L	0.00016014	0.0073024	mg/L	0.00016014	2.19%
Iront	38558.3	1.53321	mg/L	0.057639	1.53321	mg/L	0.057639	3.76%
Leadt	-150.8	0.0003530	mg/L	0.00074707	0.0003530	mg/L	0.00074707	211.63%
Magnesiumt	1618390.0	69.2436	mg/L	0.75883	69.2436	mg/L	0.75883	1.10%
Manganeset	649971.7	0.958057	mg/L	0.0056103	0.958057	mg/L	0.0056103	0.59%
Molybdenumt	405.9	0.0077143	mg/L	0.00019810	0.0077143	mg/L	0.00019810	2.57%
Nickelt	-11.1	-0.0001548	mg/L	0.00013340	-0.0001548	mg/L	0.00013340	86.20%
Potassiumt	1882.2	20.1720	mg/L	1.02538	20.1720	mg/L	1.02538	5.08%
Seleniumt	-77.5	-0.0246275	mg/L	0.00399189	-0.0246275	mg/L	0.00399189	16.21%
Silvert	61.1	0.0002456	mg/L	0.00007854	0.0002456	mg/L	0.00007854	31.98%
Sodiumt	421788.0	397.057	mg/L	0.3654	397.057	mg/L	0.3654	0.09%
Thalliumt	-16.5	-0.0021551	mg/L	0.00052177	-0.0021551	mg/L	0.00052177	24.21%
Tint	189.6	0.0144317	mg/L	0.00205269	0.0144317	mg/L	0.00205269	14.22%
Titaniumt	4403.5	0.0051759	mg/L	0.00000047	0.0051759	mg/L	0.00000047	0.01%
Vanadiumt	1907.7	0.0056250	mg/L	0.00042518	0.0056250	mg/L	0.00042518	7.56%
Zinct	564.8	0.0100412	mg/L	0.00015431	0.0100412	mg/L	0.00015431	1.54%

Sequence No.: 26
Sample ID: 42940-006
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 60
Date Collected: 3/4/2009 1:09:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-006

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1236589.1	92.0	%	0.34				0.37%
Yittrium	444428.9	90.0	%	0.53				0.59%
Aluminumt	2859.3	0.0867243	mg/L	0.00101395	0.0867243	mg/L	0.00101395	1.17%
Antimonyt	15.2	0.0042499	mg/L	0.00092120	0.0042499	mg/L	0.00092120	21.68%
Arsenict	23.9	0.0052652	mg/L	0.00021211	0.0052652	mg/L	0.00021211	4.03%
Bariumt	46354.1	0.248417	mg/L	0.0017045	0.248417	mg/L	0.0017045	0.69%
Berylliumt	-1071.9	-0.0002811	mg/L	0.00001588	-0.0002811	mg/L	0.00001588	5.65%
Cadmiumt	31.2	0.0004725	mg/L	0.00017543	0.0004725	mg/L	0.00017543	37.13%
Calciumt	33624068.7	239.804	mg/L	5.1786	239.804	mg/L	5.1786	2.16%
Chromiumt	131.5	0.0012560	mg/L	0.00006748	0.0012560	mg/L	0.00006748	5.37%
Cobaltt	31.2	0.0006419	mg/L	0.00009663	0.0006419	mg/L	0.00009663	15.05%
Coppert	782.2	0.0049670	mg/L	0.00015667	0.0049670	mg/L	0.00015667	3.15%
Iront	-534.0	-0.0212330	mg/L	0.00053994	-0.0212330	mg/L	0.00053994	2.54%
Leadt	-209.9	-0.0032494	mg/L	0.00064909	-0.0032494	mg/L	0.00064909	19.98%
Magnesiumt	1622297.3	69.4107	mg/L	0.55174	69.4107	mg/L	0.55174	0.79%
Manganeset	630110.4	0.928782	mg/L	0.0059991	0.928782	mg/L	0.0059991	0.65%
Molybdenumt	418.4	0.0081878	mg/L	0.00016637	0.0081878	mg/L	0.00016637	2.03%
Nickelt	-13.5	-0.0001905	mg/L	0.00002807	-0.0001905	mg/L	0.00002807	14.74%
Potassiumt	1852.4	19.8464	mg/L	0.72982	19.8464	mg/L	0.72982	3.68%
Seleniumt	-75.6	-0.0234432	mg/L	0.00309023	-0.0234432	mg/L	0.00309023	13.18%
Silvert	8.7	0.0000350	mg/L	0.00010740	0.0000350	mg/L	0.00010740	306.76%
Sodiumt	426459.1	401.453	mg/L	1.2461	401.453	mg/L	1.2461	0.31%
Thalliumt	-25.1	-0.0059903	mg/L	0.00404835	-0.0059903	mg/L	0.00404835	67.58%
Tint	188.7	0.0137388	mg/L	0.00030985	0.0137388	mg/L	0.00030985	2.26%
Titaniumt	-234.1	-0.0002752	mg/L	0.00003902	-0.0002752	mg/L	0.00003902	14.18%
Vanadiumt	1670.3	0.0044695	mg/L	0.00047569	0.0044695	mg/L	0.00047569	10.64%
Zinct	482.7	0.0079079	mg/L	0.00015925	0.0079079	mg/L	0.00015925	2.01%

Sequence No.: 27
Sample ID: ICSA V-61023
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 3/4/2009 1:14:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-61023

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1148919.5	85.5	%	0.34				0.40%
Yittrium	404270.4	81.9	%	0.27				0.33%
Aluminumt	17016571.7	517.888	mg/L	10.6112	517.888	mg/L	10.6112	2.05%
QC value within limits for Aluminum Recovery = 103.58%								
Antimonyt	43.2	-0.0025399	mg/L	0.00178043	-0.0025399	mg/L	0.00178043	70.10%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	141.4	0.0100454	mg/L	0.00162663	0.0100454	mg/L	0.00162663	16.19%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	1267.8	-0.0056924	mg/L	0.00031505	-0.0056924	mg/L	0.00031505	5.53%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-2595.1	-0.0006820	mg/L	0.00002220	-0.0006820	mg/L	0.00002220	3.25%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	294.0	-0.0005583	mg/L	0.00028865	-0.0005583	mg/L	0.00028865	51.70%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	69612691.2	496.471	mg/L	9.5811	496.471	mg/L	9.5811	1.93%
QC value within limits for Calcium Recovery = 99.29%								
Chromiumt	-77.6	-0.0005911	mg/L	0.00013744	-0.0005911	mg/L	0.00013744	23.25%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-324.6	-0.0057382	mg/L	0.00031336	-0.0057382	mg/L	0.00031336	5.46%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	664.9	0.0042219	mg/L	0.00017715	0.0042219	mg/L	0.00017715	4.20%
QC value within limits for Copper Recovery = Not calculated								
Iront	4922143.4	195.721	mg/L	0.9441	195.721	mg/L	0.9441	0.48%
QC value within limits for Iron Recovery = 97.86%								
Leadt	3615.7	0.0128583	mg/L	0.00392803	0.0128583	mg/L	0.00392803	30.55%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	12212461.5	522.516	mg/L	11.0236	522.516	mg/L	11.0236	2.11%
QC value within limits for Magnesium Recovery = 104.50%								
Manganeset	-1643.6	-0.0024226	mg/L	0.00000322	-0.0024226	mg/L	0.00000322	0.13%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	175.3	-0.0132337	mg/L	0.00123783	-0.0132337	mg/L	0.00123783	9.35%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-123.3	-0.0018702	mg/L	0.00065974	-0.0018702	mg/L	0.00065974	35.28%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	-1211.0	-14.9099	mg/L	1.69078	-14.9099	mg/L	1.69078	11.34%
QC value less than the lower limit for Potassium Recovery = Not calculated								
Seleniumt	-71.0	-0.0142353	mg/L	0.00135429	-0.0142353	mg/L	0.00135429	9.51%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-1445.3	-0.0058069	mg/L	0.00016016	-0.0058069	mg/L	0.00016016	2.76%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-125.5	-0.109145	mg/L	0.1276971	-0.109145	mg/L	0.1276971	117.00%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-129.1	-0.0092934	mg/L	0.00492777	-0.0092934	mg/L	0.00492777	53.02%
QC value within limits for Thallium Recovery = Not calculated								
Tint	150.6	0.0088468	mg/L	0.00396713	0.0088468	mg/L	0.00396713	44.84%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	1079.6	0.0012689	mg/L	0.00006418	0.0012689	mg/L	0.00006418	5.06%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	4283.7	-0.0159731	mg/L	0.00198099	-0.0159731	mg/L	0.00198099	12.40%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-1002.6	-0.0246535	mg/L	0.00041682	-0.0246535	mg/L	0.00041682	1.69%
QC value within limits for Zinc Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 28
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 3/4/2009 1:20:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1155955.6	86.0	%	0.17				0.20%
Yittrium	412746.5	83.6	%	0.06				0.08%
Aluminumt	16946638.9	515.760	mg/L	4.6441	515.760	mg/L	4.6441	0.90%
QC value within limits for Aluminum Recovery = 103.15%								
Antimonyt	3700.8	1.02255	mg/L	0.006967	1.02255	mg/L	0.006967	0.68%
QC value within limits for Antimony Recovery = 102.25%								
Arsenict	2217.1	1.03393	mg/L	0.020238	1.03393	mg/L	0.020238	1.96%
QC value within limits for Arsenic Recovery = 103.39%								
Bariumt	100238.8	0.524736	mg/L	0.0005060	0.524736	mg/L	0.0005060	0.10%
QC value within limits for Barium Recovery = 104.95%								
Berylliumt	1962435.1	0.515041	mg/L	0.0019017	0.515041	mg/L	0.0019017	0.37%
QC value within limits for Beryllium Recovery = 103.01%								
Cadmiumt	69402.7	1.04347	mg/L	0.006297	1.04347	mg/L	0.006297	0.60%
QC value within limits for Cadmium Recovery = 104.35%								
Calciumt	69325898.8	494.426	mg/L	3.7329	494.426	mg/L	3.7329	0.75%
QC value within limits for Calcium Recovery = 98.89%								
Chromiumt	58436.0	0.492184	mg/L	0.0046783	0.492184	mg/L	0.0046783	0.95%
QC value within limits for Chromium Recovery = 98.44%								
Cobaltt	26606.4	0.473152	mg/L	0.0029756	0.473152	mg/L	0.0029756	0.63%
QC value within limits for Cobalt Recovery = 94.63%								
Coppert	85296.2	0.541614	mg/L	0.0027070	0.541614	mg/L	0.0027070	0.50%
QC value within limits for Copper Recovery = 108.32%								
Iront	4932407.1	196.129	mg/L	0.6642	196.129	mg/L	0.6642	0.34%
QC value within limits for Iron Recovery = 98.06%								
Leadt	18364.5	0.982028	mg/L	0.0106037	0.982028	mg/L	0.0106037	1.08%
QC value within limits for Lead Recovery = 98.20%								
Magnesiumt	12187899.1	521.465	mg/L	4.6821	521.465	mg/L	4.6821	0.90%
QC value within limits for Magnesium Recovery = 104.29%								
Manganeset	342100.4	0.504255	mg/L	0.0014300	0.504255	mg/L	0.0014300	0.28%
QC value within limits for Manganese Recovery = 100.85%								
Molybdenumt	193.0	-0.0290906	mg/L	0.00137997	-0.0290906	mg/L	0.00137997	4.74%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	61064.4	0.929088	mg/L	0.0085225	0.929088	mg/L	0.0085225	0.92%
QC value within limits for Nickel Recovery = 92.91%								
Potassiumt	-1201.5	-14.8033	mg/L	2.13306	-14.8033	mg/L	2.13306	14.41%
QC value less than the lower limit for Potassium Recovery = Not calculated								
Seleniumt	1960.5	1.02860	mg/L	0.023100	1.02860	mg/L	0.023100	2.25%
QC value within limits for Selenium Recovery = 102.86%								
Silvert	265034.0	1.06487	mg/L	0.004611	1.06487	mg/L	0.004611	0.43%
QC value within limits for Silver Recovery = 106.49%								
Sodiumt	144.3	-0.185232	mg/L	0.0444465	-0.185232	mg/L	0.0444465	24.00%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	2077.8	0.965106	mg/L	0.0077455	0.965106	mg/L	0.0077455	0.80%
QC value within limits for Thallium Recovery = 96.51%								
Tint	150.1	0.0090050	mg/L	0.00254402	0.0090050	mg/L	0.00254402	28.25%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	1456.0	0.0017114	mg/L	0.00014603	0.0017114	mg/L	0.00014603	8.53%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	102284.0	0.480786	mg/L	0.0038626	0.480786	mg/L	0.0038626	0.80%
QC value within limits for Vanadium Recovery = 96.16%								
Zinct	38114.7	0.958019	mg/L	0.0106866	0.958019	mg/L	0.0106866	1.12%
QC value within limits for Zinc Recovery = 95.80%								

QC Failed. Continue with analysis.

Sequence No.: 29
Sample ID: CCV V-61458
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 3/4/2009 1:26:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-61458

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1290404.3	96.0	%	0.65				0.68%
Yittrium	455294.8	92.2	%	0.03				0.03%
Aluminumt	165174.7	5.01975	mg/L	0.082407	5.01975	mg/L	0.082407	1.64%
QC value within limits for Aluminum Recovery = 100.39%								
Antimonyt	1775.5	0.498762	mg/L	0.0061095	0.498762	mg/L	0.0061095	1.22%
QC value within limits for Antimony Recovery = 99.75%								
Arsenict	1019.9	0.499467	mg/L	0.0059558	0.499467	mg/L	0.0059558	1.19%
QC value within limits for Arsenic Recovery = 99.89%								
Bariumt	98296.2	0.526604	mg/L	0.0090608	0.526604	mg/L	0.0090608	1.72%
QC value within limits for Barium Recovery = 105.32%								
Berylliumt	1940464.7	0.508920	mg/L	0.0193843	0.508920	mg/L	0.0193843	3.81%
QC value within limits for Beryllium Recovery = 101.78%								
Cadmiumt	33499.5	0.505953	mg/L	0.0072630	0.505953	mg/L	0.0072630	1.44%
QC value within limits for Cadmium Recovery = 101.19%								
Calciumt	7108756.3	50.6990	mg/L	1.91789	50.6990	mg/L	1.91789	3.78%
QC value within limits for Calcium Recovery = 101.40%								
Chromiumt	59686.6	0.506278	mg/L	0.0105504	0.506278	mg/L	0.0105504	2.08%
QC value within limits for Chromium Recovery = 101.26%								
Cobaltt	28690.9	0.511209	mg/L	0.0080257	0.511209	mg/L	0.0080257	1.57%
QC value within limits for Cobalt Recovery = 102.24%								
Coppert	77823.0	0.494161	mg/L	0.0107361	0.494161	mg/L	0.0107361	2.17%
QC value within limits for Copper Recovery = 98.83%								
Iront	128090.1	5.09329	mg/L	0.121131	5.09329	mg/L	0.121131	2.38%
QC value within limits for Iron Recovery = 101.87%								
Leadt	7693.7	0.505942	mg/L	0.0083024	0.505942	mg/L	0.0083024	1.64%
QC value within limits for Lead Recovery = 101.19%								
Magnesiumt	1192259.4	51.0114	mg/L	1.87975	51.0114	mg/L	1.87975	3.68%
QC value within limits for Magnesium Recovery = 102.02%								
Manganeset	347257.6	0.511857	mg/L	0.0080174	0.511857	mg/L	0.0080174	1.57%
QC value within limits for Manganese Recovery = 102.37%								
Molybdenumt	10219.6	0.487804	mg/L	0.0285048	0.487804	mg/L	0.0285048	5.84%
QC value within limits for Molybdenum Recovery = 97.56%								
Nickelt	33783.0	0.514375	mg/L	0.0076257	0.514375	mg/L	0.0076257	1.48%
QC value within limits for Nickel Recovery = 102.88%								
Potassiumt	4115.4	44.6666	mg/L	1.83227	44.6666	mg/L	1.83227	4.10%
QC value less than the lower limit for Potassium Recovery = 89.33%								
Seleniumt	954.6	0.493468	mg/L	0.0085660	0.493468	mg/L	0.0085660	1.74%
QC value within limits for Selenium Recovery = 98.69%								
Silvert	24514.9	0.0984979	mg/L	0.00169302	0.0984979	mg/L	0.00169302	1.72%
QC value within limits for Silver Recovery = 98.50%								
Sodiumt	49984.9	47.0868	mg/L	0.76954	47.0868	mg/L	0.76954	1.63%
QC value within limits for Sodium Recovery = 94.17%								
Thalliumt	1182.3	0.524824	mg/L	0.0119576	0.524824	mg/L	0.0119576	2.28%
QC value within limits for Thallium Recovery = 104.96%								
Tint	2650.9	0.503142	mg/L	0.0092553	0.503142	mg/L	0.0092553	1.84%
QC value within limits for Tin Recovery = 100.63%								
Titaniumt	424621.9	0.499103	mg/L	0.0095742	0.499103	mg/L	0.0095742	1.92%
QC value within limits for Titanium Recovery = 99.82%								
Vanadiumt	98912.8	0.500345	mg/L	0.0098244	0.500345	mg/L	0.0098244	1.96%
QC value within limits for Vanadium Recovery = 100.07%								
Zinct	20631.0	0.517235	mg/L	0.0088587	0.517235	mg/L	0.0088587	1.71%
QC value within limits for Zinc Recovery = 103.45%								

QC Failed. Continue with analysis.

Sequence No.: 30
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 3/4/2009 1:31:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1337331.1	99.5	%	2.92				2.93%
Yittrium	487449.2	98.8	%	2.71				2.74%
Aluminum†	-329.0	-0.0100703	mg/L	0.01549130	-0.0100703	mg/L	0.01549130	153.83%
QC value within limits for Aluminum Recovery = Not calculated								
Antimony†	16.6	0.0046655	mg/L	0.00261006	0.0046655	mg/L	0.00261006	55.94%
QC value within limits for Antimony Recovery = Not calculated								
Arsenic†	-5.3	-0.0025905	mg/L	0.00095473	-0.0025905	mg/L	0.00095473	36.85%
QC value within limits for Arsenic Recovery = Not calculated								
Barium†	-1.8	-0.0000092	mg/L	0.00006049	-0.0000092	mg/L	0.00006049	658.44%
QC value within limits for Barium Recovery = Not calculated								
Beryllium†	250.8	0.0000658	mg/L	0.00001582	0.0000658	mg/L	0.00001582	24.06%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmium†	13.6	0.0002059	mg/L	0.00026062	0.0002059	mg/L	0.00026062	126.57%
QC value within limits for Cadmium Recovery = Not calculated								
Calcium†	-2235.9	-0.0159465	mg/L	0.02655126	-0.0159465	mg/L	0.02655126	166.50%
QC value within limits for Calcium Recovery = Not calculated								
Chromium†	-21.9	-0.0001554	mg/L	0.00032313	-0.0001554	mg/L	0.00032313	207.90%
QC value within limits for Chromium Recovery = Not calculated								
Cobalt†	6.5	0.0001325	mg/L	0.00026611	0.0001325	mg/L	0.00026611	200.77%
QC value within limits for Cobalt Recovery = Not calculated								
Copper†	37.2	0.0002362	mg/L	0.00012764	0.0002362	mg/L	0.00012764	54.05%
QC value within limits for Copper Recovery = Not calculated								
Iron†	-71.4	-0.0028393	mg/L	0.00235165	-0.0028393	mg/L	0.00235165	82.82%
QC value within limits for Iron Recovery = Not calculated								
Lead†	2.3	0.0001652	mg/L	0.00073769	0.0001652	mg/L	0.00073769	446.44%
QC value within limits for Lead Recovery = Not calculated								
Magnesium†	11.7	0.0005025	mg/L	0.00748826	0.0005025	mg/L	0.00748826	>999.9%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-91.0	-0.0001341	mg/L	0.00010390	-0.0001341	mg/L	0.00010390	77.46%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenum†	82.3	0.0040369	mg/L	0.00027371	0.0040369	mg/L	0.00027371	6.78%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickel†	27.5	0.0004209	mg/L	0.00033574	0.0004209	mg/L	0.00033574	79.77%
QC value within limits for Nickel Recovery = Not calculated								
Potassium†	-26.8	-0.291312	mg/L	0.6445305	-0.291312	mg/L	0.6445305	221.25%
QC value within limits for Potassium Recovery = Not calculated								
Selenium†	-11.2	-0.0057273	mg/L	0.00273404	-0.0057273	mg/L	0.00273404	47.74%
QC value within limits for Selenium Recovery = Not calculated								
Silver†	-43.0	-0.0001729	mg/L	0.00048026	-0.0001729	mg/L	0.00048026	277.74%
QC value within limits for Silver Recovery = Not calculated								
Sodium†	68.5	0.0648872	mg/L	0.06308072	0.0648872	mg/L	0.06308072	97.22%
QC value within limits for Sodium Recovery = Not calculated								
Thallium†	12.5	0.0055232	mg/L	0.00025345	0.0055232	mg/L	0.00025345	4.59%
QC value within limits for Thallium Recovery = Not calculated								
Tin†	2.0	0.0003793	mg/L	0.00013640	0.0003793	mg/L	0.00013640	35.96%
QC value within limits for Tin Recovery = Not calculated								
Titanium†	80.3	0.0000944	mg/L	0.00006980	0.0000944	mg/L	0.00006980	73.96%
QC value within limits for Titanium Recovery = Not calculated								
Vanadium†	5.3	0.0000448	mg/L	0.00076393	0.0000448	mg/L	0.00076393	>999.9%
QC value within limits for Vanadium Recovery = Not calculated								
Zinc†	-37.7	-0.0009477	mg/L	0.00028326	-0.0009477	mg/L	0.00028326	29.89%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 31
Sample ID: 42940-007
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 61
Date Collected: 3/4/2009 1:35:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-007

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1235359.3	91.9	%	0.50				0.54%
Yittrium	442531.4	89.7	%	0.42				0.47%
Aluminumt	3527.5	0.106952	mg/L	0.0101054	0.106952	mg/L	0.0101054	9.45%
Antimonyt	16.5	0.0039860	mg/L	0.00251276	0.0039860	mg/L	0.00251276	63.04%
Arsenict	37.8	0.0119175	mg/L	0.00308568	0.0119175	mg/L	0.00308568	25.89%
Bariumt	52653.5	0.282013	mg/L	0.0041224	0.282013	mg/L	0.0041224	1.46%
Berylliumt	-1018.4	-0.0002680	mg/L	0.00001387	-0.0002680	mg/L	0.00001387	5.18%
Cadmiumt	41.7	0.0003988	mg/L	0.00004680	0.0003988	mg/L	0.00004680	11.73%
Calciumt	33808401.4	241.118	mg/L	8.4825	241.118	mg/L	8.4825	3.52%
Chromiumt	110.0	0.0011298	mg/L	0.00023590	0.0011298	mg/L	0.00023590	20.88%
Cobaltt	162.7	0.0030101	mg/L	0.00004210	0.0030101	mg/L	0.00004210	1.40%
Coppert	1234.3	0.0078375	mg/L	0.00010277	0.0078375	mg/L	0.00010277	1.31%
Iront	227851.6	9.06014	mg/L	0.438324	9.06014	mg/L	0.438324	4.84%
Leadt	-190.1	-0.0023755	mg/L	0.00112746	-0.0023755	mg/L	0.00112746	47.46%
Magnesiumt	1588153.2	67.9499	mg/L	1.22947	67.9499	mg/L	1.22947	1.81%
Manganeset	652137.5	0.961249	mg/L	0.0147269	0.961249	mg/L	0.0147269	1.53%
Molybdenumt	572.7	0.0157865	mg/L	0.00063085	0.0157865	mg/L	0.00063085	4.00%
Nickelt	135.1	0.0020770	mg/L	0.00006532	0.0020770	mg/L	0.00006532	3.14%
Potassiumt	1660.3	17.7474	mg/L	1.43427	17.7474	mg/L	1.43427	8.08%
Seleniumt	-80.3	-0.0258041	mg/L	0.01457968	-0.0258041	mg/L	0.01457968	56.50%
Silvert	0.8	0.0000034	mg/L	0.00001040	0.0000034	mg/L	0.00001040	306.01%
Sodiumt	443120.0	417.140	mg/L	3.9990	417.140	mg/L	3.9990	0.96%
Thalliumt	-26.5	-0.0060857	mg/L	0.00152216	-0.0060857	mg/L	0.00152216	25.01%
Tint	184.5	0.0140361	mg/L	0.00016319	0.0140361	mg/L	0.00016319	1.16%
Titaniumt	843.7	0.0009917	mg/L	0.00004437	0.0009917	mg/L	0.00004437	4.47%
Vanadiumt	2279.7	0.0073548	mg/L	0.00154138	0.0073548	mg/L	0.00154138	20.96%
Zinct	188.6	0.0006060	mg/L	0.00010596	0.0006060	mg/L	0.00010596	17.49%

Sequence No.: 32
Sample ID: 42940-008
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 62
Date Collected: 3/4/2009 1:40:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-008

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	1259672.5	93.8	%	1.00				1.06%
Yittrium	452093.7	91.6	%	0.97				1.06%
Aluminumt	2793.1	0.0846789	mg/L	0.00193494	0.0846789	mg/L	0.00193494	2.29%
Antimonyt	11.0	0.0030814	mg/L	0.00083582	0.0030814	mg/L	0.00083582	27.13%
Arsenict	20.0	0.0034908	mg/L	0.00035192	0.0034908	mg/L	0.00035192	10.08%
Bariumt	43010.8	0.230499	mg/L	0.0024176	0.230499	mg/L	0.0024176	1.05%
Berylliumt	-1046.2	-0.0002744	mg/L	0.00002655	-0.0002744	mg/L	0.00002655	9.67%
Cadmiumt	19.3	0.0002916	mg/L	0.00026995	0.0002916	mg/L	0.00026995	92.59%
Calciumt	33018746.0	235.487	mg/L	8.6456	235.487	mg/L	8.6456	3.67%
Chromiumt	126.1	0.0012258	mg/L	0.00004894	0.0012258	mg/L	0.00004894	3.99%
Cobaltt	126.2	0.0023404	mg/L	0.00014685	0.0023404	mg/L	0.00014685	6.27%
Coppert	631.0	0.0040069	mg/L	0.00051182	0.0040069	mg/L	0.00051182	12.77%
Iront	-651.2	-0.0258947	mg/L	0.00187020	-0.0258947	mg/L	0.00187020	7.22%
Leadt	-216.5	-0.0038704	mg/L	0.00163923	-0.0038704	mg/L	0.00163923	42.35%
Magnesiumt	1524017.8	65.2058	mg/L	0.59602	65.2058	mg/L	0.59602	0.91%
Manganeset	669846.0	0.987352	mg/L	0.0094365	0.987352	mg/L	0.0094365	0.96%
Molybdenumt	461.6	0.0106152	mg/L	0.00073860	0.0106152	mg/L	0.00073860	6.96%
Nickelt	33.0	0.0005187	mg/L	0.00015895	0.0005187	mg/L	0.00015895	30.64%
Potassiumt	1625.5	17.3863	mg/L	0.19203	17.3863	mg/L	0.19203	1.10%
Seleniumt	-61.0	-0.0162337	mg/L	0.00403619	-0.0162337	mg/L	0.00403619	24.86%
Silvert	61.2	0.0002458	mg/L	0.00057999	0.0002458	mg/L	0.00057999	235.94%
Sodiumt	414691.7	390.378	mg/L	4.0842	390.378	mg/L	4.0842	1.05%
Thalliumt	-26.2	-0.0067123	mg/L	0.00127634	-0.0067123	mg/L	0.00127634	19.02%
Tint	186.8	0.0137813	mg/L	0.00268920	0.0137813	mg/L	0.00268920	19.51%
Titaniumt	-190.3	-0.0002237	mg/L	0.00000148	-0.0002237	mg/L	0.00000148	0.66%
Vanadiumt	1661.1	0.0046800	mg/L	0.00035397	0.0046800	mg/L	0.00035397	7.56%
Zinct	248.5	0.0021235	mg/L	0.00036345	0.0021235	mg/L	0.00036345	17.12%

Sequence No.: 33
Sample ID: 42940-009
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 63
Date Collected: 3/4/2009 1:46:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-009

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1259878.4	93.8	%	0.66				0.70%
Yittrium	453799.1	91.9	%	0.90				0.98%
Aluminumt	40963.0	1.24644	mg/L	0.014775	1.24644	mg/L	0.014775	1.19%
Antimonyt	25.5	0.0028921	mg/L	0.00183048	0.0028921	mg/L	0.00183048	63.29%
Arsenict	35.5	0.0104500	mg/L	0.00139462	0.0104500	mg/L	0.00139462	13.35%
Bariumt	83308.2	0.445302	mg/L	0.0050417	0.445302	mg/L	0.0050417	1.13%
Berylliumt	-849.7	-0.0002602	mg/L	0.00002336	-0.0002602	mg/L	0.00002336	8.98%
Cadmiumt	93.5	-0.0002090	mg/L	0.00005035	-0.0002090	mg/L	0.00005035	24.09%
Calciumt	27781987.1	198.139	mg/L	3.0779	198.139	mg/L	3.0779	1.55%
Chromiumt	-145.4	-0.0011039	mg/L	0.00005807	-0.0011039	mg/L	0.00005807	5.26%
Cobaltt	150.9	0.0026383	mg/L	0.00026289	0.0026383	mg/L	0.00026289	9.96%
Coppert	1023.7	0.0065001	mg/L	0.00073001	0.0065001	mg/L	0.00073001	11.23%
Iront	1596826.5	63.4952	mg/L	1.82639	63.4952	mg/L	1.82639	2.88%
Leadt	336.7	0.0268246	mg/L	0.00094522	0.0268246	mg/L	0.00094522	3.52%
Magnesiumt	1390332.3	59.4860	mg/L	0.66576	59.4860	mg/L	0.66576	1.12%
Manganeset	3390561.4	4.99768	mg/L	0.050937	4.99768	mg/L	0.050937	1.02%
Molybdenumt	339.2	0.0059547	mg/L	0.00025490	0.0059547	mg/L	0.00025490	4.28%
Nickelt	485.6	0.0074000	mg/L	0.00040207	0.0074000	mg/L	0.00040207	5.43%
Potassiumt	2130.5	22.8551	mg/L	0.41199	22.8551	mg/L	0.41199	1.80%
Seleniumt	-67.6	-0.0195679	mg/L	0.00344904	-0.0195679	mg/L	0.00344904	17.63%
Silvert	-140.0	-0.0005627	mg/L	0.00009213	-0.0005627	mg/L	0.00009213	16.37%
Sodiumt	356066.3	335.200	mg/L	2.5039	335.200	mg/L	2.5039	0.75%
Thalliumt	-44.8	-0.0141816	mg/L	0.00528770	-0.0141816	mg/L	0.00528770	37.29%
Tint	152.8	0.0193080	mg/L	0.00045426	0.0193080	mg/L	0.00045426	2.35%
Titaniumt	44291.8	0.0520608	mg/L	0.00050039	0.0520608	mg/L	0.00050039	0.96%
Vanadiumt	2782.6	0.0084166	mg/L	0.00004223	0.0084166	mg/L	0.00004223	0.50%
Zinct	1563.8	0.0364613	mg/L	0.00006477	0.0364613	mg/L	0.00006477	0.18%

Sequence No.: 34
Sample ID: 42940-010
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 64
Date Collected: 3/4/2009 1:51:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-010

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1267589.6	94.3	%	0.20				0.21%
Yittrium	453323.2	91.8	%	0.08				0.09%
Aluminumt	2429.1	0.0736863	mg/L	0.00432970	0.0736863	mg/L	0.00432970	5.88%
Antimonyt	4.4	0.0005433	mg/L	0.00072965	0.0005433	mg/L	0.00072965	134.29%
Arsenict	17.2	0.0028735	mg/L	0.00034880	0.0028735	mg/L	0.00034880	12.14%
Bariumt	50974.1	0.272996	mg/L	0.0016760	0.272996	mg/L	0.0016760	0.61%
Berylliumt	-984.0	-0.0002581	mg/L	0.00000199	-0.0002581	mg/L	0.00000199	0.77%
Cadmiumt	33.5	0.0002494	mg/L	0.00013986	0.0002494	mg/L	0.00013986	56.08%
Calciumt	27352062.0	195.072	mg/L	2.8623	195.072	mg/L	2.8623	1.47%
Chromiumt	-132.7	-0.0009956	mg/L	0.00002907	-0.0009956	mg/L	0.00002907	2.92%
Cobaltt	99.7	0.0018451	mg/L	0.00002826	0.0018451	mg/L	0.00002826	1.53%
Coppert	467.5	0.0029683	mg/L	0.00003413	0.0029683	mg/L	0.00003413	1.15%
Iront	252382.5	10.0356	mg/L	0.32291	10.0356	mg/L	0.32291	3.22%
Leadt	-160.7	-0.0025311	mg/L	0.00101889	-0.0025311	mg/L	0.00101889	40.25%
Magnesiumt	1381791.5	59.1206	mg/L	1.40362	59.1206	mg/L	1.40362	2.37%
Manganeset	3321756.3	4.89626	mg/L	0.112185	4.89626	mg/L	0.112185	2.29%
Molybdenumt	342.1	0.0067395	mg/L	0.00005715	0.0067395	mg/L	0.00005715	0.85%
Nickelt	609.0	0.0092790	mg/L	0.00029088	0.0092790	mg/L	0.00029088	3.13%
Potassiumt	2511.7	27.0612	mg/L	0.41362	27.0612	mg/L	0.41362	1.53%
Seleniumt	-76.6	-0.0244002	mg/L	0.00503676	-0.0244002	mg/L	0.00503676	20.64%
Silvert	188.9	0.0007588	mg/L	0.00018819	0.0007588	mg/L	0.00018819	24.80%
Sodiumt	357188.2	336.244	mg/L	1.0751	336.244	mg/L	1.0751	0.32%
Thalliumt	-28.6	-0.0104213	mg/L	0.00100221	-0.0104213	mg/L	0.00100221	9.62%
Tint	167.5	0.0152007	mg/L	0.00062892	0.0152007	mg/L	0.00062892	4.14%
Titaniumt	-197.4	-0.0002320	mg/L	0.00000208	-0.0002320	mg/L	0.00000208	0.90%
Vanadiumt	1479.3	0.0037338	mg/L	0.00032072	0.0037338	mg/L	0.00032072	8.59%
Zinct	413.4	0.0070358	mg/L	0.00020513	0.0070358	mg/L	0.00020513	2.92%

Sequence No.: 35
Sample ID: 42940-011
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 65
Date Collected: 3/4/2009 1:57:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-011

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1261117.2	93.9	%	0.66				0.70%
Yittrium	451995.7	91.6	%	0.81				0.88%
Aluminumt	17601.6	0.535430	mg/L	0.0024353	0.535430	mg/L	0.0024353	0.45%
Antimonyt	9.7	0.0016259	mg/L	0.00230939	0.0016259	mg/L	0.00230939	142.04%
Arsenict	24.5	0.0052833	mg/L	0.00180190	0.0052833	mg/L	0.00180190	34.11%
Bariumt	48723.7	0.260806	mg/L	0.0006104	0.260806	mg/L	0.0006104	0.23%
Berylliumt	-1098.7	-0.0003060	mg/L	0.00000370	-0.0003060	mg/L	0.00000370	1.21%
Cadmiumt	25.6	-0.0000441	mg/L	0.00019815	-0.0000441	mg/L	0.00019815	449.01%
Calciumt	32652191.6	232.872	mg/L	3.6415	232.872	mg/L	3.6415	1.56%
Chromiumt	62.1	0.0006563	mg/L	0.00009033	0.0006563	mg/L	0.00009033	13.76%
Cobaltt	39.9	0.0007331	mg/L	0.00009036	0.0007331	mg/L	0.00009036	12.33%
Coppert	960.9	0.0061016	mg/L	0.00075847	0.0061016	mg/L	0.00075847	12.43%
Iront	423747.3	16.8496	mg/L	0.41678	16.8496	mg/L	0.41678	2.47%
Leadt	-111.2	0.0018019	mg/L	0.00176323	0.0018019	mg/L	0.00176323	97.86%
Magnesiumt	1603416.1	68.6029	mg/L	0.43755	68.6029	mg/L	0.43755	0.64%
Manganeset	1793703.2	2.64392	mg/L	0.018361	2.64392	mg/L	0.018361	0.69%
Molybdenumt	374.0	0.0062551	mg/L	0.00078961	0.0062551	mg/L	0.00078961	12.62%
Nickelt	436.2	0.0066506	mg/L	0.00033272	0.0066506	mg/L	0.00033272	5.00%
Potassiumt	3521.4	37.9960	mg/L	0.53069	37.9960	mg/L	0.53069	1.40%
Seleniumt	-77.7	-0.0239853	mg/L	0.00380441	-0.0239853	mg/L	0.00380441	15.86%
Silvert	-71.2	-0.0002859	mg/L	0.00080640	-0.0002859	mg/L	0.00080640	282.09%
Sodiumt	376772.2	354.687	mg/L	2.7564	354.687	mg/L	2.7564	0.78%
Thalliumt	-27.9	-0.0074185	mg/L	0.00400416	-0.0074185	mg/L	0.00400416	53.98%
Tint	176.2	0.0142618	mg/L	0.00087053	0.0142618	mg/L	0.00087053	6.10%
Titaniumt	21083.1	0.0247812	mg/L	0.00017154	0.0247812	mg/L	0.00017154	0.69%
Vanadiumt	2037.3	0.0057681	mg/L	0.00074767	0.0057681	mg/L	0.00074767	12.96%
Zinct	747.3	0.0148509	mg/L	0.00012081	0.0148509	mg/L	0.00012081	0.81%

Sequence No.: 36
Sample ID: 42940-012
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 66
Date Collected: 3/4/2009 2:03:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-012

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1251637.8	93.2	%	1.45				1.55%
Yittrium	447494.6	90.7	%	1.63				1.80%
Aluminumt	2532.2	0.0767933	mg/L	0.00444538	0.0767933	mg/L	0.00444538	5.79%
Antimonyt	13.9	0.0039026	mg/L	0.00131238	0.0039026	mg/L	0.00131238	33.63%
Arsenict	22.2	0.0045775	mg/L	0.00296327	0.0045775	mg/L	0.00296327	64.74%
Bariumt	33857.9	0.181447	mg/L	0.0032135	0.181447	mg/L	0.0032135	1.77%
Berylliumt	-1025.7	-0.0002690	mg/L	0.00003098	-0.0002690	mg/L	0.00003098	11.51%
Cadmiumt	39.9	0.0006015	mg/L	0.00014956	0.0006015	mg/L	0.00014956	24.86%
Calciumt	32718970.6	233.349	mg/L	11.6011	233.349	mg/L	11.6011	4.97%
Chromiumt	58.3	0.0006279	mg/L	0.00027282	0.0006279	mg/L	0.00027282	43.45%
Cobaltt	21.8	0.0004684	mg/L	0.00004772	0.0004684	mg/L	0.00004772	10.19%
Coppert	690.2	0.0043825	mg/L	0.00082825	0.0043825	mg/L	0.00082825	18.90%
Iront	1116.9	0.0444118	mg/L	0.00133117	0.0444118	mg/L	0.00133117	3.00%
Leadt	-210.6	-0.0035809	mg/L	0.00112758	-0.0035809	mg/L	0.00112758	31.49%
Magnesiumt	1608984.0	68.8411	mg/L	1.32168	68.8411	mg/L	1.32168	1.92%
Manganeset	1762586.0	2.59805	mg/L	0.051027	2.59805	mg/L	0.051027	1.96%
Molybdenumt	384.9	0.0067115	mg/L	0.00040620	0.0067115	mg/L	0.00040620	6.05%
Nickelt	432.0	0.0065873	mg/L	0.00041951	0.0065873	mg/L	0.00041951	6.37%
Potassiumt	3724.4	40.2210	mg/L	1.61171	40.2210	mg/L	1.61171	4.01%
Seleniumt	-69.7	-0.0198217	mg/L	0.00482755	-0.0198217	mg/L	0.00482755	24.35%
Silvert	208.2	0.0008363	mg/L	0.00014876	0.0008363	mg/L	0.00014876	17.79%
Sodiumt	379729.2	357.460	mg/L	6.9216	357.460	mg/L	6.9216	1.94%
Thalliumt	-32.7	-0.0105511	mg/L	0.00155172	-0.0105511	mg/L	0.00155172	14.71%
Tint	195.3	0.0156143	mg/L	0.00129861	0.0156143	mg/L	0.00129861	8.32%
Titaniumt	-223.8	-0.0002631	mg/L	0.00011584	-0.0002631	mg/L	0.00011584	44.03%
Vanadiumt	1636.4	0.0043219	mg/L	0.00197928	0.0043219	mg/L	0.00197928	45.80%
Zinct	865.2	0.0176204	mg/L	0.00034005	0.0176204	mg/L	0.00034005	1.93%

Sequence No.: 37
Sample ID: 42940-013
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 3/4/2009 2:09:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-013

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1304714.3	97.1	%	0.52				0.53%
Yittrium	491473.6	99.6	%	0.45				0.45%
Aluminumt	622881.8	18.9567	mg/L	0.38393	18.9567	mg/L	0.38393	2.03%
Antimonyt	10.1	0.0031909	mg/L	0.00200787	0.0031909	mg/L	0.00200787	62.92%
Arsenict	29.8	0.0065379	mg/L	0.00069651	0.0065379	mg/L	0.00069651	10.65%
Bariumt	84909.6	0.454017	mg/L	0.0069363	0.454017	mg/L	0.0069363	1.53%
Berylliumt	4912.2	0.0005532	mg/L	0.00002372	0.0005532	mg/L	0.00002372	4.29%
Cadmiumt	122.4	0.0008554	mg/L	0.00002620	0.0008554	mg/L	0.00002620	3.06%
Calciumt	22024649.3	157.078	mg/L	4.1884	157.078	mg/L	4.1884	2.67%
Chromiumt	4336.7	0.0366868	mg/L	0.00052001	0.0366868	mg/L	0.00052001	1.42%
Cobaltt	1008.0	0.0157445	mg/L	0.00026947	0.0157445	mg/L	0.00026947	1.71%
Coppert	10596.8	0.0672873	mg/L	0.00071961	0.0672873	mg/L	0.00071961	1.07%
Iront	977667.2	38.8753	mg/L	1.67883	38.8753	mg/L	1.67883	4.32%
Leadt	4674.5	0.303105	mg/L	0.0027282	0.303105	mg/L	0.0027282	0.90%
Magnesiumt	1112257.4	47.5884	mg/L	0.85304	47.5884	mg/L	0.85304	1.79%
Manganeset	1688171.7	2.48836	mg/L	0.044592	2.48836	mg/L	0.044592	1.79%
Molybdenumt	466.6	0.0096680	mg/L	0.00069971	0.0096680	mg/L	0.00069971	7.24%
Nickelt	1937.4	0.0294940	mg/L	0.00041667	0.0294940	mg/L	0.00041667	1.41%
Potassiumt	983.3	10.4332	mg/L	0.53130	10.4332	mg/L	0.53130	5.09%
Seleniumt	-73.0	-0.0267020	mg/L	0.00000438	-0.0267020	mg/L	0.00000438	0.02%
Silvert	-81.1	-0.0003257	mg/L	0.00041619	-0.0003257	mg/L	0.00041619	127.79%
Sodiumt	93661.8	88.4924	mg/L	0.87889	88.4924	mg/L	0.87889	0.99%
Thalliumt	-25.7	-0.0079295	mg/L	0.00044932	-0.0079295	mg/L	0.00044932	5.67%
Tint	150.4	0.0193565	mg/L	0.00022221	0.0193565	mg/L	0.00022221	1.15%
Titaniumt	876988.6	1.03082	mg/L	0.028406	1.03082	mg/L	0.028406	2.76%
Vanadiumt	9753.0	0.0453489	mg/L	0.00236680	0.0453489	mg/L	0.00236680	5.22%
Zinct	12418.8	0.309973	mg/L	0.0027507	0.309973	mg/L	0.0027507	0.89%

Sequence No.: 38
Sample ID: 42940-014
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 3/4/2009 2:13:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-014

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1287575.3	95.8	%	2.26				2.36%
Yittrium	462397.2	93.7	%	2.32				2.47%
Aluminumt	5053.8	0.153415	mg/L	0.0221485	0.153415	mg/L	0.0221485	14.44%
Antimonyt	10.2	0.0028265	mg/L	0.00183822	0.0028265	mg/L	0.00183822	65.03%
Arsenict	8.7	0.0002285	mg/L	0.00393200	0.0002285	mg/L	0.00393200	>999.9%
Bariumt	24733.6	0.132537	mg/L	0.0065039	0.132537	mg/L	0.0065039	4.91%
Berylliumt	-702.1	-0.0001850	mg/L	0.00001536	-0.0001850	mg/L	0.00001536	8.30%
Cadmiumt	34.7	0.0005079	mg/L	0.00035718	0.0005079	mg/L	0.00035718	70.32%
Calciumt	21133064.7	150.719	mg/L	7.3244	150.719	mg/L	7.3244	4.86%
Chromiumt	99.0	0.0010309	mg/L	0.00027793	0.0010309	mg/L	0.00027793	26.96%
Cobaltt	219.9	0.0040230	mg/L	0.00023393	0.0040230	mg/L	0.00023393	5.81%
Coppert	592.8	0.0037641	mg/L	0.00044685	0.0037641	mg/L	0.00044685	11.87%
Iront	16184.3	0.643543	mg/L	0.0343932	0.643543	mg/L	0.0343932	5.34%
Leadt	-168.4	-0.0044885	mg/L	0.00125551	-0.0044885	mg/L	0.00125551	27.97%
Magnesiumt	935509.6	40.0262	mg/L	1.77146	40.0262	mg/L	1.77146	4.43%
Manganeset	1199299.4	1.76777	mg/L	0.081923	1.76777	mg/L	0.081923	4.63%
Molybdenumt	554.4	0.0187298	mg/L	0.00100515	0.0187298	mg/L	0.00100515	5.37%
Nickelt	199.9	0.0030624	mg/L	0.00065620	0.0030624	mg/L	0.00065620	21.43%
Potassiumt	852.7	9.08492	mg/L	0.099683	9.08492	mg/L	0.099683	1.10%
Seleniumt	-74.6	-0.0279912	mg/L	0.00707371	-0.0279912	mg/L	0.00707371	25.27%
Silvert	228.5	0.0009179	mg/L	0.00059475	0.0009179	mg/L	0.00059475	64.79%
Sodiumt	85166.7	80.1587	mg/L	3.56804	80.1587	mg/L	3.56804	4.45%
Thalliumt	-20.7	-0.0068052	mg/L	0.00122612	-0.0068052	mg/L	0.00122612	18.02%
Tint	153.5	0.0153976	mg/L	0.00225427	0.0153976	mg/L	0.00225427	14.64%
Titaniumt	863.0	0.0010143	mg/L	0.00021620	0.0010143	mg/L	0.00021620	21.31%
Vanadiumt	1143.7	0.0035365	mg/L	0.00138633	0.0035365	mg/L	0.00138633	39.20%
Zinct	1826.7	0.0432766	mg/L	0.00132170	0.0432766	mg/L	0.00132170	3.05%

Sequence No.: 39
Sample ID: CCV V-61458
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 3/4/2009 2:16:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-61458

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1296658.4	96.5	%	1.61				1.67%
Yittrium	459354.8	93.1	%	0.46				0.50%
Aluminumt	163133.0	4.95761	mg/L	0.181351	4.95761	mg/L	0.181351	3.66%
QC value within limits for Aluminum Recovery = 99.15%								
Antimonyt	1773.1	0.498088	mg/L	0.0107462	0.498088	mg/L	0.0107462	2.16%
QC value within limits for Antimony Recovery = 99.62%								
Arsenict	1022.5	0.500768	mg/L	0.0123434	0.500768	mg/L	0.0123434	2.46%
QC value within limits for Arsenic Recovery = 100.15%								
Bariumt	98737.2	0.528968	mg/L	0.0159365	0.528968	mg/L	0.0159365	3.01%
QC value within limits for Barium Recovery = 105.79%								
Berylliumt	1938572.9	0.508425	mg/L	0.0238647	0.508425	mg/L	0.0238647	4.69%
QC value within limits for Beryllium Recovery = 101.68%								
Cadmiumt	33217.5	0.501692	mg/L	0.0173257	0.501692	mg/L	0.0173257	3.45%
QC value within limits for Cadmium Recovery = 100.34%								
Calciumt	7098006.7	50.6223	mg/L	2.29925	50.6223	mg/L	2.29925	4.54%
QC value within limits for Calcium Recovery = 101.24%								
Chromiumt	59873.1	0.507846	mg/L	0.0165467	0.507846	mg/L	0.0165467	3.26%
QC value within limits for Chromium Recovery = 101.57%								
Cobaltt	28801.9	0.513186	mg/L	0.0100230	0.513186	mg/L	0.0100230	1.95%
QC value within limits for Cobalt Recovery = 102.64%								
Coppert	77376.4	0.491325	mg/L	0.0162262	0.491325	mg/L	0.0162262	3.30%
QC value within limits for Copper Recovery = 98.26%								
Iront	128297.6	5.10154	mg/L	0.190079	5.10154	mg/L	0.190079	3.73%
QC value within limits for Iron Recovery = 102.03%								
Leadt	7699.1	0.506318	mg/L	0.0100636	0.506318	mg/L	0.0100636	1.99%
QC value within limits for Lead Recovery = 101.26%								
Magnesiumt	1198676.5	51.2859	mg/L	2.26424	51.2859	mg/L	2.26424	4.41%
QC value within limits for Magnesium Recovery = 102.57%								
Manganeset	349163.6	0.514666	mg/L	0.0153251	0.514666	mg/L	0.0153251	2.98%
QC value within limits for Manganese Recovery = 102.93%								
Molybdenumt	10210.4	0.487298	mg/L	0.0314448	0.487298	mg/L	0.0314448	6.45%
QC value within limits for Molybdenum Recovery = 97.46%								
Nickelt	33842.6	0.515281	mg/L	0.0108666	0.515281	mg/L	0.0108666	2.11%
QC value within limits for Nickel Recovery = 103.06%								
Potassiumt	4148.6	45.0284	mg/L	3.49509	45.0284	mg/L	3.49509	7.76%
QC value within limits for Potassium Recovery = 90.06%								
Seleniumt	945.6	0.488848	mg/L	0.0156574	0.488848	mg/L	0.0156574	3.20%
QC value within limits for Selenium Recovery = 97.77%								
Silvert	24659.6	0.0990793	mg/L	0.00281702	0.0990793	mg/L	0.00281702	2.84%
QC value within limits for Silver Recovery = 99.08%								
Sodiumt	50006.9	47.1055	mg/L	1.57297	47.1055	mg/L	1.57297	3.34%
QC value within limits for Sodium Recovery = 94.21%								
Thalliumt	1180.7	0.524148	mg/L	0.0152544	0.524148	mg/L	0.0152544	2.91%
QC value within limits for Thallium Recovery = 104.83%								
Tint	2677.4	0.508224	mg/L	0.0123454	0.508224	mg/L	0.0123454	2.43%
QC value within limits for Tin Recovery = 101.64%								
Titaniumt	422860.0	0.497032	mg/L	0.0183035	0.497032	mg/L	0.0183035	3.68%
QC value within limits for Titanium Recovery = 99.41%								
Vanadiumt	99089.1	0.501220	mg/L	0.0167828	0.501220	mg/L	0.0167828	3.35%
QC value within limits for Vanadium Recovery = 100.24%								
Zinct	20762.8	0.520544	mg/L	0.0114367	0.520544	mg/L	0.0114367	2.20%
QC value within limits for Zinc Recovery = 104.11%								

All analyte(s) passed QC.

Sequence No.: 40 **Autosampler Location: 2**
Sample ID: CCB **Date Collected: 3/4/2009 2:22:08 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1337020.9	99.5	%	1.95				1.96%
Yittrium	486554.7	98.6	%	1.85				1.88%
Aluminumt	-254.8	-0.0078096	mg/L	0.00856998	-0.0078096	mg/L	0.00856998	109.74%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	8.3	0.0023392	mg/L	0.00151815	0.0023392	mg/L	0.00151815	64.90%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	4.8	0.0023764	mg/L	0.00042442	0.0023764	mg/L	0.00042442	17.86%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	-17.3	-0.0000925	mg/L	0.00002272	-0.0000925	mg/L	0.00002272	24.55%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-1.3	-0.0000005	mg/L	0.00002815	-0.0000005	mg/L	0.00002815	>999.9%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	10.7	0.0001618	mg/L	0.00011110	0.0001618	mg/L	0.00011110	68.67%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	-3959.5	-0.0282385	mg/L	0.01562070	-0.0282385	mg/L	0.01562070	55.32%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	10.5	0.0001165	mg/L	0.00012050	0.0001165	mg/L	0.00012050	103.44%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	13.1	0.0002483	mg/L	0.00035393	0.0002483	mg/L	0.00035393	142.55%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	49.2	0.0003124	mg/L	0.00067332	0.0003124	mg/L	0.00067332	215.54%
QC value within limits for Copper Recovery = Not calculated								
Iront	-214.5	-0.0085297	mg/L	0.00155238	-0.0085297	mg/L	0.00155238	18.20%
QC value within limits for Iron Recovery = Not calculated								
Leadt	0.1	0.0000196	mg/L	0.00037223	0.0000196	mg/L	0.00037223	>999.9%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	-433.5	-0.0185484	mg/L	0.00409147	-0.0185484	mg/L	0.00409147	22.06%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	-95.2	-0.0001403	mg/L	0.00005770	-0.0001403	mg/L	0.00005770	41.14%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	78.1	0.0038385	mg/L	0.00003358	0.0038385	mg/L	0.00003358	0.87%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	5.0	0.0000792	mg/L	0.00007792	0.0000792	mg/L	0.00007792	98.42%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	54.4	0.592290	mg/L	0.3833610	0.592290	mg/L	0.3833610	64.73%
QC value within limits for Potassium Recovery = Not calculated								
Seleniumt	-4.4	-0.0022372	mg/L	0.00758780	-0.0022372	mg/L	0.00758780	339.16%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	26.5	0.0001064	mg/L	0.00025169	0.0001064	mg/L	0.00025169	236.45%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	164.2	0.155078	mg/L	0.2089564	0.155078	mg/L	0.2089564	134.74%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-0.7	-0.0002878	mg/L	0.00038415	-0.0002878	mg/L	0.00038415	133.50%
QC value within limits for Thallium Recovery = Not calculated								
Tint	-3.8	-0.0007306	mg/L	0.00090561	-0.0007306	mg/L	0.00090561	123.96%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	161.4	0.0001897	mg/L	0.00015353	0.0001897	mg/L	0.00015353	80.95%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	23.1	0.0001352	mg/L	0.00115594	0.0001352	mg/L	0.00115594	855.02%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-50.4	-0.0012654	mg/L	0.00051085	-0.0012654	mg/L	0.00051085	40.37%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 41
Sample ID: 42940-029
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 69
Date Collected: 3/4/2009 2:25:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-029

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1379939.5	103	%	4.4				4.30%
Yittrium	500162.3	101	%	4.1				4.05%
Aluminumt	4830.8	0.147028	mg/L	0.0422434	0.147028	mg/L	0.0422434	28.73%
Antimonyt	4.2	0.0011844	mg/L	0.00323091	0.0011844	mg/L	0.00323091	272.78%
Arsenict	-2.3	-0.0011498	mg/L	0.00319684	-0.0011498	mg/L	0.00319684	278.04%
Bariumt	258.0	0.0013799	mg/L	0.00005588	0.0013799	mg/L	0.00005588	4.05%
Berylliumt	71.4	0.0000182	mg/L	0.00004566	0.0000182	mg/L	0.00004566	251.30%
Cadmiumt	-6.6	-0.0000997	mg/L	0.00040394	-0.0000997	mg/L	0.00040394	405.16%
Calciumt	68923.5	0.491556	mg/L	0.0025806	0.491556	mg/L	0.0025806	0.52%
Chromiumt	7.4	0.0000585	mg/L	0.00025831	0.0000585	mg/L	0.00025831	441.94%
Cobaltt	-12.1	-0.0002187	mg/L	0.00005973	-0.0002187	mg/L	0.00005973	27.31%
Coppert	308.1	0.0019567	mg/L	0.00060011	0.0019567	mg/L	0.00060011	30.67%
Iront	300.6	0.0119548	mg/L	0.00378402	0.0119548	mg/L	0.00378402	31.65%
Leadt	-14.7	-0.0010133	mg/L	0.00003953	-0.0010133	mg/L	0.00003953	3.90%
Magnesiumt	252.3	0.0107960	mg/L	0.01068746	0.0107960	mg/L	0.01068746	98.99%
Manganeset	119.3	0.0001759	mg/L	0.00016410	0.0001759	mg/L	0.00016410	93.31%
Molybdenumt	-10.5	-0.0006694	mg/L	0.00018357	-0.0006694	mg/L	0.00018357	27.42%
Nickelt	-81.7	-0.0012441	mg/L	0.00021760	-0.0012441	mg/L	0.00021760	17.49%
Potassiumt	-133.4	-1.45171	mg/L	1.757811	-1.45171	mg/L	1.757811	121.09%
Seleniumt	-5.0	-0.0025230	mg/L	0.00729237	-0.0025230	mg/L	0.00729237	289.04%
Silvert	-2.7	-0.0000109	mg/L	0.00010377	-0.0000109	mg/L	0.00010377	951.70%
Sodiumt	328.8	0.307299	mg/L	0.0272044	0.307299	mg/L	0.0272044	8.85%
Thalliumt	8.2	0.0036447	mg/L	0.00604937	0.0036447	mg/L	0.00604937	165.98%
Tint	-11.6	-0.0022590	mg/L	0.00064158	-0.0022590	mg/L	0.00064158	28.40%
Titaniumt	682.8	0.0008025	mg/L	0.00019491	0.0008025	mg/L	0.00019491	24.29%
Vanadiumt	-142.3	-0.0007246	mg/L	0.00194413	-0.0007246	mg/L	0.00194413	268.29%
Zinct	303.8	0.0076263	mg/L	0.00039763	0.0076263	mg/L	0.00039763	5.21%

Sequence No.: 42
Sample ID: 42940-030
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 70
Date Collected: 3/4/2009 2:28:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 42940-030

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1385417.9	103	%	2.7				2.60%
Yittrium	500874.4	101	%	2.4				2.40%
Aluminumt	5557.0	0.169132	mg/L	0.0272340	0.169132	mg/L	0.0272340	16.10%
Antimonyt	0.4	0.0001205	mg/L	0.00002733	0.0001205	mg/L	0.00002733	22.68%
Arsenict	-3.2	-0.0016068	mg/L	0.00077737	-0.0016068	mg/L	0.00077737	48.38%
Bariumt	276.3	0.0014769	mg/L	0.00011165	0.0014769	mg/L	0.00011165	7.56%
Berylliumt	-23.6	-0.0000066	mg/L	0.00005501	-0.0000066	mg/L	0.00005501	836.06%
Cadmiumt	6.3	0.0000942	mg/L	0.00017362	0.0000942	mg/L	0.00017362	184.41%
Calciumt	68827.2	0.490869	mg/L	0.0166854	0.490869	mg/L	0.0166854	3.40%
Chromiumt	-2.9	-0.0000278	mg/L	0.00041668	-0.0000278	mg/L	0.00041668	>999.9%
Cobaltt	-14.7	-0.0002647	mg/L	0.00006837	-0.0002647	mg/L	0.00006837	25.83%
Coppert	161.5	0.0010254	mg/L	0.00105828	0.0010254	mg/L	0.00105828	103.20%
Iront	883.2	0.0351204	mg/L	0.00089238	0.0351204	mg/L	0.00089238	2.54%
Leadt	-0.1	-0.0000656	mg/L	0.00052148	-0.0000656	mg/L	0.00052148	795.27%
Magnesiumt	137.0	0.0058635	mg/L	0.00339942	0.0058635	mg/L	0.00339942	57.98%
Manganeset	433.6	0.0006391	mg/L	0.00008601	0.0006391	mg/L	0.00008601	13.46%
Molybdenumt	-9.5	-0.0006630	mg/L	0.00006963	-0.0006630	mg/L	0.00006963	10.50%
Nickelt	-64.5	-0.0009811	mg/L	0.00006577	-0.0009811	mg/L	0.00006577	6.70%
Potassiumt	-133.3	-1.45129	mg/L	0.182631	-1.45129	mg/L	0.182631	12.58%
Seleniumt	-16.6	-0.0084711	mg/L	0.00271212	-0.0084711	mg/L	0.00271212	32.02%
Silvert	-84.6	-0.0003401	mg/L	0.00029220	-0.0003401	mg/L	0.00029220	85.92%
Sodiumt	571.0	0.534379	mg/L	0.0308539	0.534379	mg/L	0.0308539	5.77%
Thalliumt	-1.4	-0.0006041	mg/L	0.00282063	-0.0006041	mg/L	0.00282063	466.91%
Tint	-5.3	-0.0010589	mg/L	0.00037830	-0.0010589	mg/L	0.00037830	35.73%
Titaniumt	450.4	0.0005294	mg/L	0.00010692	0.0005294	mg/L	0.00010692	20.20%
Vanadiumt	-140.4	-0.0007151	mg/L	0.00177492	-0.0007151	mg/L	0.00177492	248.20%
Zinct	403.1	0.0101224	mg/L	0.00010980	0.0101224	mg/L	0.00010980	1.08%

Sequence No.: 43
Sample ID: ICSA V-61023
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 3/4/2009 2:32:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-61023

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1146222.7	85.3	%	0.64				0.75%
Yittrium	404485.3	81.9	%	0.13				0.16%
Aluminumt	17074047.1	519.638	mg/L	7.5535	519.638	mg/L	7.5535	1.45%
QC value within limits for Aluminum Recovery = 103.93%								
Antimonyt	36.5	-0.0045038	mg/L	0.00070041	-0.0045038	mg/L	0.00070041	15.55%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	135.9	0.0069254	mg/L	0.00458638	0.0069254	mg/L	0.00458638	66.23%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	1256.1	-0.0058095	mg/L	0.00016181	-0.0058095	mg/L	0.00016181	2.79%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-2737.2	-0.0007195	mg/L	0.00003959	-0.0007195	mg/L	0.00003959	5.50%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	287.7	-0.0006885	mg/L	0.00021042	-0.0006885	mg/L	0.00021042	30.56%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	70206265.8	500.705	mg/L	6.5676	500.705	mg/L	6.5676	1.31%
QC value within limits for Calcium Recovery = 100.14%								
Chromiumt	-124.9	-0.0009931	mg/L	0.00009385	-0.0009931	mg/L	0.00009385	9.45%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-345.2	-0.0061065	mg/L	0.00011650	-0.0061065	mg/L	0.00011650	1.91%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	812.8	0.0051610	mg/L	0.00027271	0.0051610	mg/L	0.00027271	5.28%
QC value within limits for Copper Recovery = Not calculated								
Iront	4956176.7	197.074	mg/L	1.3274	197.074	mg/L	1.3274	0.67%
QC value within limits for Iron Recovery = 98.54%								
Leadt	3682.4	0.0165516	mg/L	0.00409529	0.0165516	mg/L	0.00409529	24.74%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	12390332.7	530.126	mg/L	6.8317	530.126	mg/L	6.8317	1.29%
QC value within limits for Magnesium Recovery = 106.03%								
Manganeset	-1632.3	-0.0024060	mg/L	0.00008956	-0.0024060	mg/L	0.00008956	3.72%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	166.0	-0.0138844	mg/L	0.00173284	-0.0138844	mg/L	0.00173284	12.48%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-153.2	-0.0023247	mg/L	0.00020470	-0.0023247	mg/L	0.00020470	8.81%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	-1086.5	-13.5701	mg/L	0.65235	-13.5701	mg/L	0.65235	4.81%
QC value less than the lower limit for Potassium Recovery = Not calculated								
Seleniumt	-65.0	-0.0109423	mg/L	0.01544715	-0.0109423	mg/L	0.01544715	141.17%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-1466.7	-0.0058929	mg/L	0.00093339	-0.0058929	mg/L	0.00093339	15.84%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-309.2	-0.281787	mg/L	0.0229787	-0.281787	mg/L	0.0229787	8.15%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-143.5	-0.0151759	mg/L	0.00455052	-0.0151759	mg/L	0.00455052	29.99%
QC value within limits for Thallium Recovery = Not calculated								
Tint	159.4	0.0103169	mg/L	0.00068180	0.0103169	mg/L	0.00068180	6.61%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	1286.6	0.0015123	mg/L	0.00000653	0.0015123	mg/L	0.00000653	0.43%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	4522.6	-0.0152609	mg/L	0.00158457	-0.0152609	mg/L	0.00158457	10.38%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-1026.5	-0.0253329	mg/L	0.00004858	-0.0253329	mg/L	0.00004858	0.19%
QC value within limits for Zinc Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 44
Sample ID: ICSAB V-61024
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 3/4/2009 2:38:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-61024

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1148716.4	85.5	%	0.23				0.27%
Yittrium	409483.5	83.0	%	0.27				0.33%
Aluminumt	17195480.9	523.333	mg/L	9.0334	523.333	mg/L	9.0334	1.73%
QC value within limits for Aluminum Recovery = 104.67%								
Antimonyt	3734.5	1.03180	mg/L	0.008027	1.03180	mg/L	0.008027	0.78%
QC value within limits for Antimony Recovery = 103.18%								
Arsenict	2257.1	1.05261	mg/L	0.022325	1.05261	mg/L	0.022325	2.12%
QC value within limits for Arsenic Recovery = 105.26%								
Bariumt	101265.3	0.530060	mg/L	0.0009544	0.530060	mg/L	0.0009544	0.18%
QC value within limits for Barium Recovery = 106.01%								
Berylliumt	1983386.9	0.520540	mg/L	0.0015996	0.520540	mg/L	0.0015996	0.31%
QC value within limits for Beryllium Recovery = 104.11%								
Cadmiumt	70490.2	1.05983	mg/L	0.003438	1.05983	mg/L	0.003438	0.32%
QC value within limits for Cadmium Recovery = 105.98%								
Calciumt	70721904.2	504.382	mg/L	7.6530	504.382	mg/L	7.6530	1.52%
QC value within limits for Calcium Recovery = 100.88%								
Chromiumt	59347.8	0.499862	mg/L	0.0024478	0.499862	mg/L	0.0024478	0.49%
QC value within limits for Chromium Recovery = 99.97%								
Cobaltt	27088.5	0.481724	mg/L	0.0017750	0.481724	mg/L	0.0017750	0.37%
QC value within limits for Cobalt Recovery = 96.34%								
Coppert	85626.0	0.543708	mg/L	0.0005482	0.543708	mg/L	0.0005482	0.10%
QC value within limits for Copper Recovery = 108.74%								
Iront	4997184.2	198.705	mg/L	1.0002	198.705	mg/L	1.0002	0.50%
QC value within limits for Iron Recovery = 99.35%								
Leadt	18777.9	1.00602	mg/L	0.001308	1.00602	mg/L	0.001308	0.13%
QC value within limits for Lead Recovery = 100.60%								
Magnesiumt	12507133.7	535.124	mg/L	9.0281	535.124	mg/L	9.0281	1.69%
QC value within limits for Magnesium Recovery = 107.02%								
Manganeset	346109.9	0.510165	mg/L	0.0016042	0.510165	mg/L	0.0016042	0.31%
QC value within limits for Manganese Recovery = 102.03%								
Molybdenumt	193.0	-0.0299994	mg/L	0.00072872	-0.0299994	mg/L	0.00072872	2.43%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	62105.4	0.944928	mg/L	0.0037478	0.944928	mg/L	0.0037478	0.40%
QC value within limits for Nickel Recovery = 94.49%								
Potassiumt	-1277.1	-15.6601	mg/L	0.62291	-15.6601	mg/L	0.62291	3.98%
QC value less than the lower limit for Potassium Recovery = Not calculated								
Seleniumt	2029.1	1.06432	mg/L	0.008099	1.06432	mg/L	0.008099	0.76%
QC value within limits for Selenium Recovery = 106.43%								
Silvert	266958.1	1.07260	mg/L	0.000900	1.07260	mg/L	0.000900	0.08%
QC value within limits for Silver Recovery = 107.26%								
Sodiumt	28.6	-0.302943	mg/L	0.0040019	-0.302943	mg/L	0.0040019	1.32%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	2105.9	0.978468	mg/L	0.0111793	0.978468	mg/L	0.0111793	1.14%
QC value within limits for Thallium Recovery = 97.85%								
Tint	141.7	0.0068169	mg/L	0.00111931	0.0068169	mg/L	0.00111931	16.42%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	1453.7	0.0017087	mg/L	0.00010081	0.0017087	mg/L	0.00010081	5.90%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	103378.1	0.485435	mg/L	0.0023285	0.485435	mg/L	0.0023285	0.48%
QC value within limits for Vanadium Recovery = 97.09%								
Zinct	39157.7	0.984135	mg/L	0.0086577	0.984135	mg/L	0.0086577	0.88%
QC value within limits for Zinc Recovery = 98.41%								

QC Failed. Continue with analysis.

Sequence No.: 45
Sample ID: CCV V-61458
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 3/4/2009 2:43:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-61458

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1284766.2	95.6	%	1.23				1.29%
Yittrium	459948.3	93.2	%	1.35				1.45%
Aluminumt	166424.0	5.05761	mg/L	0.112236	5.05761	mg/L	0.112236	2.22%
QC value within limits for Aluminum Recovery = 101.15%								
Antimonyt	1794.6	0.504097	mg/L	0.0113445	0.504097	mg/L	0.0113445	2.25%
QC value within limits for Antimony Recovery = 100.82%								
Arsenict	1036.3	0.507531	mg/L	0.0097923	0.507531	mg/L	0.0097923	1.93%
QC value within limits for Arsenic Recovery = 101.51%								
Bariumt	99571.1	0.533434	mg/L	0.0118161	0.533434	mg/L	0.0118161	2.22%
QC value within limits for Barium Recovery = 106.69%								
Berylliumt	1952738.6	0.512142	mg/L	0.0174645	0.512142	mg/L	0.0174645	3.41%
QC value within limits for Beryllium Recovery = 102.43%								
Cadmiumt	33503.8	0.506015	mg/L	0.0119165	0.506015	mg/L	0.0119165	2.35%
QC value within limits for Cadmium Recovery = 101.20%								
Calciumt	7155229.5	51.0304	mg/L	1.69501	51.0304	mg/L	1.69501	3.32%
QC value within limits for Calcium Recovery = 102.06%								
Chromiumt	60368.4	0.512101	mg/L	0.0096806	0.512101	mg/L	0.0096806	1.89%
QC value within limits for Chromium Recovery = 102.42%								
Cobaltt	28961.0	0.516062	mg/L	0.0108669	0.516062	mg/L	0.0108669	2.11%
QC value within limits for Cobalt Recovery = 103.21%								
Coppert	77935.9	0.494878	mg/L	0.0090256	0.494878	mg/L	0.0090256	1.82%
QC value within limits for Copper Recovery = 98.98%								
Iront	130058.0	5.17154	mg/L	0.144486	5.17154	mg/L	0.144486	2.79%
QC value within limits for Iron Recovery = 103.43%								
Leadt	7864.3	0.517161	mg/L	0.0099255	0.517161	mg/L	0.0099255	1.92%
QC value within limits for Lead Recovery = 103.43%								
Magnesiumt	1209955.6	51.7685	mg/L	1.79708	51.7685	mg/L	1.79708	3.47%
QC value within limits for Magnesium Recovery = 103.54%								
Manganeset	354770.3	0.522931	mg/L	0.0104624	0.522931	mg/L	0.0104624	2.00%
QC value within limits for Manganese Recovery = 104.59%								
Molybdenumt	10447.7	0.498716	mg/L	0.0334038	0.498716	mg/L	0.0334038	6.70%
QC value within limits for Molybdenum Recovery = 99.74%								
Nickelt	34061.9	0.518627	mg/L	0.0093889	0.518627	mg/L	0.0093889	1.81%
QC value within limits for Nickel Recovery = 103.73%								
Potassiumt	4007.4	43.4908	mg/L	2.28921	43.4908	mg/L	2.28921	5.26%
QC value less than the lower limit for Potassium Recovery = 86.98%								
Seleniumt	975.7	0.504311	mg/L	0.0087974	0.504311	mg/L	0.0087974	1.74%
QC value within limits for Selenium Recovery = 100.86%								
Silvert	24730.2	0.0993630	mg/L	0.00203676	0.0993630	mg/L	0.00203676	2.05%
QC value within limits for Silver Recovery = 99.36%								
Sodiumt	50422.5	47.4940	mg/L	0.96126	47.4940	mg/L	0.96126	2.02%
QC value within limits for Sodium Recovery = 94.99%								
Thalliumt	1201.9	0.533537	mg/L	0.0129043	0.533537	mg/L	0.0129043	2.42%
QC value within limits for Thallium Recovery = 106.71%								
Tint	2688.2	0.510262	mg/L	0.0135203	0.510262	mg/L	0.0135203	2.65%
QC value within limits for Tin Recovery = 102.05%								
Titaniumt	423421.7	0.497692	mg/L	0.0171833	0.497692	mg/L	0.0171833	3.45%
QC value within limits for Titanium Recovery = 99.54%								
Vanadiumt	99615.3	0.503907	mg/L	0.0120454	0.503907	mg/L	0.0120454	2.39%
QC value within limits for Vanadium Recovery = 100.78%								
Zinct	21122.9	0.529584	mg/L	0.0073402	0.529584	mg/L	0.0073402	1.39%
QC value within limits for Zinc Recovery = 105.92%								

QC Failed. Continue with analysis.

Sequence No.: 46
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 3/4/2009 2:49:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1334794.5	99.3	%	3.09				3.11%
Yittrium	486498.9	98.6	%	3.08				3.12%
Aluminum†	-141.8	-0.0043734	mg/L	0.01080128	-0.0043734	mg/L	0.01080128	246.98%
QC value within limits for Aluminum Recovery = Not calculated								
Antimony†	7.2	0.0020188	mg/L	0.00030046	0.0020188	mg/L	0.00030046	14.88%
QC value within limits for Antimony Recovery = Not calculated								
Arsenic†	-1.0	-0.0004970	mg/L	0.00497915	-0.0004970	mg/L	0.00497915	>999.9%
QC value within limits for Arsenic Recovery = Not calculated								
Barium†	8.6	0.0000461	mg/L	0.00009699	0.0000461	mg/L	0.00009699	210.25%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	144.0	0.0000378	mg/L	0.00003080	0.0000378	mg/L	0.00003080	81.57%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmium†	10.1	0.0001533	mg/L	0.00008123	0.0001533	mg/L	0.00008123	53.00%
QC value within limits for Cadmium Recovery = Not calculated								
Calcium†	-3992.1	-0.0284710	mg/L	0.01544891	-0.0284710	mg/L	0.01544891	54.26%
QC value within limits for Calcium Recovery = Not calculated								
Chromium†	20.5	0.0002023	mg/L	0.00011225	0.0002023	mg/L	0.00011225	55.49%
QC value within limits for Chromium Recovery = Not calculated								
Cobalt†	-1.1	-0.0000027	mg/L	0.00023284	-0.0000027	mg/L	0.00023284	>999.9%
QC value within limits for Cobalt Recovery = Not calculated								
Copper†	-37.3	-0.0002366	mg/L	0.00010963	-0.0002366	mg/L	0.00010963	46.34%
QC value within limits for Copper Recovery = Not calculated								
Iron†	-122.2	-0.0048592	mg/L	0.00317098	-0.0048592	mg/L	0.00317098	65.26%
QC value within limits for Iron Recovery = Not calculated								
Lead†	12.3	0.0008154	mg/L	0.00010350	0.0008154	mg/L	0.00010350	12.69%
QC value within limits for Lead Recovery = Not calculated								
Magnesium†	-229.2	-0.0098079	mg/L	0.00793647	-0.0098079	mg/L	0.00793647	80.92%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-62.0	-0.0000913	mg/L	0.00012690	-0.0000913	mg/L	0.00012690	138.94%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenum†	83.6	0.0040986	mg/L	0.00042250	0.0040986	mg/L	0.00042250	10.31%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickel†	-3.7	-0.0000528	mg/L	0.00007158	-0.0000528	mg/L	0.00007158	135.59%
QC value within limits for Nickel Recovery = Not calculated								
Potassium†	10.8	0.117516	mg/L	1.0522141	0.117516	mg/L	1.0522141	895.38%
QC value greater than the upper limit for Potassium Recovery = Not calculated								
Selenium†	-8.7	-0.0044898	mg/L	0.00047607	-0.0044898	mg/L	0.00047607	10.60%
QC value within limits for Selenium Recovery = Not calculated								
Silver†	-79.6	-0.0003196	mg/L	0.00026582	-0.0003196	mg/L	0.00026582	83.16%
QC value within limits for Silver Recovery = Not calculated								
Sodium†	19.0	0.0181990	mg/L	0.00611166	0.0181990	mg/L	0.00611166	33.58%
QC value within limits for Sodium Recovery = Not calculated								
Thallium†	1.9	0.0008558	mg/L	0.00086763	0.0008558	mg/L	0.00086763	101.39%
QC value within limits for Thallium Recovery = Not calculated								
Tin†	-4.3	-0.0008292	mg/L	0.00167069	-0.0008292	mg/L	0.00167069	201.47%
QC value within limits for Tin Recovery = Not calculated								
Titanium†	32.4	0.0000381	mg/L	0.00005501	0.0000381	mg/L	0.00005501	144.29%
QC value within limits for Titanium Recovery = Not calculated								
Vanadium†	102.0	0.0005358	mg/L	0.00124698	0.0005358	mg/L	0.00124698	232.75%
QC value within limits for Vanadium Recovery = Not calculated								
Zinc†	-34.7	-0.0008705	mg/L	0.00051170	-0.0008705	mg/L	0.00051170	58.78%
QC value within limits for Zinc Recovery = Not calculated								

QC Failed. Continue with analysis.

Method: HgCV1 245.1 Page 1 Date: 2/27/2009 1:48:32 PM

1ST Rv / Analyst 2/27/09 V-61564

Analysis Begun

Logged In Analyst: johns
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550
Autosampler Model: AS-91

3/2/09

Sample Information File: C:\data-AA\johns\Sample Information\H9998A.sif
Batch ID: H9998A
Results Data Set: H9998A
Results Library: C:\data-AA\johns\Results\Results.mdb

Method Loaded
Method Name: HgCV1 245.1
Method Last Saved: 12/11/2008 10:45:28 AM
Method Description: HgCV1 245.1

Sequence No.: 1
Autosampler Location: 1
Sample ID: Calibration Blank
Date Collected: 2/27/2009 1:42:43 PM
Analyst:
Data Type: Original

Replicate Data: Calibration Blank

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0001	-0.0011	0.0001	13:43:41	Yes
2		[0.00]	0.0001	0.0015	0.0001	13:44:20	Yes
Mean:		[0.00]	0.0001				
SD:		0.00	0.0000				
%RSD:		0.00	16.44				

Auto-zero performed.

Sequence No.: 2
Autosampler Location: 2
Sample ID: .2 PPB
Date Collected: 2/27/2009 1:44:22 PM
Analyst:
Data Type: Original

Replicate Data: .2 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.0003	0.0009	0.0004	13:45:17	Yes
2		[0.2]	0.0002	0.0003	0.0003	13:45:56	Yes
Mean:		[0.2]	0.0003				
SD:		0.0	0.0001				
%RSD:		0.0	44.59				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.00128 Intercept: 0.00000

Sequence No.: 3
Autosampler Location: 3
Sample ID: .5 PPB
Date Collected: 2/27/2009 1:45:58 PM
Analyst:
Data Type: Original

Replicate Data: .5 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.0008	0.0021	0.0009	13:46:54	Yes
2		[0.5]	0.0008	0.0017	0.0009	13:47:32	Yes
Mean:		[0.5]	0.0008				
SD:		0.0	0.0000				
%RSD:		0.0	1.52				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.995382 Slope: 0.00164 Intercept: -0.00003

Sequence No.: 4
Autosampler Location: 4
Sample ID: 1 PPB
Date Collected: 2/27/2009 1:47:35 PM
Analyst:
Data Type: Original

Replicate Data: 1 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	[1]	0.0017	0.0037	0.0018	13:48:30	Yes
2	[1]	0.0017	0.0027	0.0018	13:49:09	Yes
Mean:	[1]	0.0017				
SD:	0	0.0000				
%RSD:	0	0.15				

Standard number 3 applied. [1]
Correlation Coef.: 0.998799 Slope: 0.00171 Intercept: -0.00004

Sequence No.: 5 **Autosampler Location: 5**
Sample ID: 2 PPB **Date Collected: 2/27/2009 1:49:11 PM**
Analyst: **Data Type: Original**

Replicate Data: 2 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2]	0.0035	0.0060	0.0036	13:50:07	Yes
2		[2]	0.0035	0.0049	0.0036	13:50:45	Yes
Mean:		[2]	0.0035				
SD:		0	0.0000				
%RSD:		0	0.18				

Standard number 4 applied. [2]
Correlation Coef.: 0.999611 Slope: 0.00177 Intercept: -0.00006

Sequence No.: 6 **Autosampler Location: 6**
Sample ID: 5 PPB **Date Collected: 2/27/2009 1:50:47 PM**
Analyst: **Data Type: Original**

Replicate Data: 5 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5]	0.0091	0.0138	0.0092	13:51:44	Yes
2		[5]	0.0089	0.0136	0.0090	13:52:22	Yes
Mean:		[5]	0.0090				
SD:		0	0.0002				
%RSD:		0	2.00				

Standard number 5 applied. [5]
Correlation Coef.: 0.999906 Slope: 0.00181 Intercept: -0.00008

Sequence No.: 7 **Autosampler Location: 7**
Sample ID: 10 PPB **Date Collected: 2/27/2009 1:52:24 PM**
Analyst: **Data Type: Original**

Replicate Data: 10 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10]	0.0181	0.0286	0.0182	13:53:21	Yes
2		[10]	0.0188	0.0305	0.0189	13:53:59	Yes
Mean:		[10]	0.0184				
SD:		0	0.0005				
%RSD:		0	2.83				

Standard number 6 applied. [10]
Correlation Coef.: 0.999914 Slope: 0.00185 Intercept: -0.00013

Sequence No.: 8 **Autosampler Location: 8**
Sample ID: 25 PPB **Date Collected: 2/27/2009 1:54:01 PM**
Analyst: **Data Type: Original**

Replicate Data: 25 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[25]	0.0456	0.0736	0.0457	13:54:57	Yes
2		[25]	0.0453	0.0687	0.0454	13:55:36	Yes
Mean:		[25]	0.0454				
SD:		0	0.0002				
%RSD:		0	0.45				

Standard number 7 applied. [25]
Correlation Coef.: 0.999969 Slope: 0.00182 Intercept: -0.00007

Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Calibration Blank	0.0000	0	0.040	0.00	16.4
.2 PPB	0.0003	0.2	0.180	0.00	44.6
.5 PPB	0.0008	0.5	0.486	0.00	1.5
1 PPB	0.0017	1.0	0.965	0.00	0.1
2 PPB	0.0035	2.0	1.959	0.00	0.2
5 PPB	0.0090	5.0	4.966	0.00	2.0
10 PPB	0.0184	10.0	10.153	0.00	2.8
25 PPB	0.0454	25.0	24.951	0.00	0.5

Correlation Coef.: 0.999969 Slope: 0.00182 Intercept: -0.00007

Sequence No.: 9 Autosampler Location: 10
Sample ID: ICV (2) Date Collected: 2/27/2009 1:55:38 PM
Analyst: Data Type: Original

Replicate Data: ICV (2)

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	20.54	20.54	0.0374	0.0585	0.0375	13:56:37	Yes
2	20.49	20.49	0.0373	0.0580	0.0374	13:57:15	Yes
Mean:	20.52	20.52	0.0373				
SD:	0.041	0.041	0.0001				
%RSD:	0.198	0.198	0.20				

QC value within limits for Hg 253.7 Recovery = 102.58%
All analyte(s) passed QC.

Sequence No.: 10 Autosampler Location: 1
Sample ID: ICB Date Collected: 2/27/2009 1:57:17 PM
Analyst: Data Type: Original

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.014	0.014	-0.0000	0.0006	0.0001	13:58:13	Yes
2	0.007	0.007	-0.0001	0.0005	0.0001	13:58:51	Yes
Mean:	0.011	0.011	-0.0001				
SD:	0.006	0.006	0.0000				
%RSD:	52.93	52.93	18.75				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 11 Autosampler Location: 11
Sample ID: MB 9998 (1) Date Collected: 2/27/2009 1:58:53 PM
Analyst: Data Type: Original

Replicate Data: MB 9998 (1)

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.029	0.029	-0.0000	-0.0000	0.0001	13:59:50	Yes
2	0.013	0.013	-0.0001	-0.0002	0.0001	14:00:28	Yes
Mean:	0.021	0.021	-0.0000				
SD:	0.012	0.012	0.0000				
%RSD:	55.70	55.70	59.82				

Sequence No.: 12 Autosampler Location: 12
Sample ID: LCSW Date Collected: 2/27/2009 2:00:30 PM
Analyst: Data Type: Original

Replicate Data: LCSW

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.34	10.34	0.0188	0.0288	0.0189	14:01:26	Yes
2	10.06	10.06	0.0183	0.0269	0.0184	14:02:05	Yes
Mean:	10.20	10.20	0.0185				

SD:	0.196	0.196	0.0004
%RSD:	1.923	1.923	1.93

Sequence No.: 13
Sample ID: LCSW MR
Analyst:
Autosampler Location: 13
Date Collected: 2/27/2009 2:02:07 PM
Data Type: Original

Replicate Data: LCSW MR

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.902	9.902	0.0180	0.0274	0.0181	14:03:03	Yes
2	9.607	9.607	0.0174	0.0256	0.0176	14:03:41	Yes
Mean:	9.755	9.755	0.0177				
SD:	0.209	0.209	0.0004				
%RSD:	2.140	2.140	2.15				

Sequence No.: 14
Sample ID: 42940-001
Analyst:
Autosampler Location: 14
Date Collected: 2/27/2009 2:03:43 PM
Data Type: Original

Replicate Data: 42940-001

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.008	0.008	-0.0001	-0.0019	0.0001	14:04:40	Yes
2	0.061	0.061	0.0000	0.0002	0.0002	14:05:18	Yes
Mean:	0.035	0.035	-0.0000				
SD:	0.037	0.037	0.0001				
%RSD:	107.0	107.0	678.84				

Sequence No.: 15
Sample ID: 42940-001 MR
Analyst:
Autosampler Location: 15
Date Collected: 2/27/2009 2:05:20 PM
Data Type: Original

Replicate Data: 42940-001 MR

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.021	0.021	-0.0000	0.0002	0.0001	14:06:16	Yes
2	-0.016	-0.016	-0.0001	-0.0022	0.0000	14:06:55	Yes
Mean:	0.003	0.003	-0.0001				
SD:	0.026	0.026	0.0000				
%RSD:	>999.9%	>999.9%	69.68				

Sequence No.: 16
Sample ID: 42940-001 MS 1
Analyst:
Autosampler Location: 16
Date Collected: 2/27/2009 2:06:57 PM
Data Type: Original

Replicate Data: 42940-001 MS 1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.466	9.466	0.0172	0.0257	0.0173	14:07:53	Yes
2	9.808	9.808	0.0178	0.0276	0.0179	14:08:31	Yes
Mean:	9.637	9.637	0.0175				
SD:	0.242	0.242	0.0004				
%RSD:	2.515	2.515	2.53				

Sequence No.: 17
Sample ID: 42940-001 MS 2
Analyst:
Autosampler Location: 17
Date Collected: 2/27/2009 2:08:33 PM
Data Type: Original

Replicate Data: 42940-001 MS 2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.645	9.645	0.0175	0.0263	0.0176	14:09:29	Yes
2	9.372	9.372	0.0170	0.0270	0.0171	14:10:07	Yes
Mean:	9.509	9.509	0.0173				
SD:	0.193	0.193	0.0004				

%RSD: 2.029 2.029 2.04

Sequence No.: 18 Autosampler Location: 18
Sample ID: 42940-002 Date Collected: 2/27/2009 2:10:09 PM
Analyst: Data Type: Original

Replicate Data: 42940-002

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.035	-0.035	-0.0001	-0.0014	-0.0000	14:11:05	Yes
2	-0.031	-0.031	-0.0001	-0.0010	-0.0000	14:11:43	Yes
Mean:	-0.033	-0.033	-0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	8.640	8.640	3.88				

Sequence No.: 19 Autosampler Location: 19
Sample ID: 42940-003 Date Collected: 2/27/2009 2:11:45 PM
Analyst: Data Type: Original

Replicate Data: 42940-003

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003	0.003	-0.0001	-0.0006	0.0000	14:12:44	Yes
2	0.001	0.001	-0.0001	-0.0013	0.0000	14:13:23	Yes
Mean:	0.002	0.002	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	49.04	49.04	2.91				

Sequence No.: 20 Autosampler Location: 20
Sample ID: 42940-004 Date Collected: 2/27/2009 2:13:25 PM
Analyst: Data Type: Original

Replicate Data: 42940-004

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.011	0.011	-0.0001	-0.0010	0.0001	14:14:21	Yes
2	0.013	0.013	-0.0001	-0.0022	0.0001	14:14:59	Yes
Mean:	0.012	0.012	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	7.170	7.170	3.02				

Sequence No.: 21 Autosampler Location: 9
Sample ID: CCV Date Collected: 2/27/2009 2:15:01 PM
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.594	9.594	0.0174	0.0274	0.0175	14:15:57	Yes
2	9.894	9.894	0.0180	0.0258	0.0181	14:16:36	Yes
Mean:	9.744	9.744	0.0177				
SD:	0.212	0.212	0.0004				
%RSD:	2.175	2.175	2.18				

QC value within limits for Hg 253.7 Recovery = 97.44%
All analyte(s) passed QC.

Sequence No.: 22 Autosampler Location: 1
Sample ID: CCB Date Collected: 2/27/2009 2:16:38 PM
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.016	-0.016	-0.0001	-0.0007	0.0000	14:17:35	Yes
2	-0.060	-0.060	-0.0002	-0.0018	-0.0001	14:18:13	Yes
Mean:	-0.038	-0.038	-0.0001				

SD:	0.031	0.031	0.0001
%RSD:	82.77	82.77	40.18

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 23 **Autosampler Location: 21**
Sample ID: 42940-005 **Date Collected: 2/27/2009 2:18:15 PM**
Analyst: **Data Type: Original**

Replicate Data: 42940-005

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.024	0.024	-0.0000	0.0006	0.0001	14:19:13	Yes
2	0.024	0.024	-0.0000	0.0005	0.0001	14:19:51	Yes
Mean:	0.024	0.024	-0.0000				
SD:	0.000	0.000	0.0000				
%RSD:	0.633	0.633	0.92				

Sequence No.: 24 **Autosampler Location: 22**
Sample ID: 42940-006 **Date Collected: 2/27/2009 2:19:53 PM**
Analyst: **Data Type: Original**

Replicate Data: 42940-006

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.009	-0.009	-0.0001	-0.0003	0.0000	14:20:50	Yes
2	0.025	0.025	-0.0000	0.0008	0.0001	14:21:28	Yes
Mean:	0.008	0.008	-0.0001				
SD:	0.024	0.024	0.0000				
%RSD:	306.7	306.7	74.14				

Sequence No.: 25 **Autosampler Location: 23**
Sample ID: 42940-007 **Date Collected: 2/27/2009 2:21:30 PM**
Analyst: **Data Type: Original**

Replicate Data: 42940-007

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.009	0.009	-0.0001	0.0002	0.0001	14:22:26	Yes
2	-0.005	-0.005	-0.0001	-0.0010	0.0000	14:23:04	Yes
Mean:	0.002	0.002	-0.0001				
SD:	0.010	0.010	0.0000				
%RSD:	527.7	527.7	25.91				

Sequence No.: 26 **Autosampler Location: 24**
Sample ID: 42940-008 **Date Collected: 2/27/2009 2:23:06 PM**
Analyst: **Data Type: Original**

Replicate Data: 42940-008

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.043	-0.043	-0.0002	-0.0031	-0.0000	14:24:03	Yes
2	-0.002	-0.002	-0.0001	-0.0008	0.0000	14:24:41	Yes
Mean:	-0.022	-0.022	-0.0001				
SD:	0.029	0.029	0.0001				
%RSD:	130.8	130.8	46.39				

Sequence No.: 27 **Autosampler Location: 25**
Sample ID: 42940-009 **Date Collected: 2/27/2009 2:24:43 PM**
Analyst: **Data Type: Original**

Replicate Data: 42940-009

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.048	0.048	0.0000	-0.0005	0.0001	14:25:40	Yes
2	0.068	0.068	0.0001	0.0006	0.0002	14:26:18	Yes

Mean:	0.058	0.058	0.0000
SD:	0.014	0.014	0.0000
%RSD:	24.67	24.67	79.97

Sequence No.: 28 Autosampler Location: 26
Sample ID: 42940-010 Date Collected: 2/27/2009 2:26:20 PM
Analyst: Data Type: Original

Replicate Data: 42940-010

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.011	0.011	-0.0001	0.0002	0.0001	14:27:16	Yes
2	0.003	0.003	-0.0001	0.0001	0.0000	14:27:54	Yes
Mean:	0.007	0.007	-0.0001				
SD:	0.006	0.006	0.0000				
%RSD:	84.21	84.21	16.74				

Sequence No.: 29 Autosampler Location: 27
Sample ID: 42940-011 Date Collected: 2/27/2009 2:27:56 PM
Analyst: Data Type: Original

Replicate Data: 42940-011

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.008	-0.008	-0.0001	-0.0007	0.0000	14:28:53	Yes
2	-0.024	-0.024	-0.0001	-0.0007	-0.0000	14:29:31	Yes
Mean:	-0.016	-0.016	-0.0001				
SD:	0.011	0.011	0.0000				
%RSD:	69.27	69.27	19.80				

Sequence No.: 30 Autosampler Location: 28
Sample ID: 42940-012 Date Collected: 2/27/2009 2:29:33 PM
Analyst: Data Type: Original

Replicate Data: 42940-012

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.007	-0.007	-0.0001	-0.0005	0.0000	14:30:33	Yes
2	0.028	0.028	-0.0000	0.0007	0.0001	14:31:11	Yes
Mean:	0.010	0.010	-0.0001				
SD:	0.025	0.025	0.0000				
%RSD:	243.7	243.7	81.76				

Sequence No.: 31 Autosampler Location: 29
Sample ID: 42940-013 Date Collected: 2/27/2009 2:31:13 PM
Analyst: Data Type: Original

Replicate Data: 42940-013

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.310	0.310	0.0005	-0.0002	0.0006	14:32:09	Yes
2	0.269	0.269	0.0004	-0.0013	0.0005	14:32:48	Yes
Mean:	0.290	0.290	0.0005				
SD:	0.029	0.029	0.0001				
%RSD:	10.04	10.04	11.66				

Sequence No.: 32 Autosampler Location: 30
Sample ID: 42940-014 Date Collected: 2/27/2009 2:32:50 PM
Analyst: Data Type: Original

Replicate Data: 42940-014

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.048	0.048	0.0000	0.0012	0.0001	14:33:46	Yes
2	-0.001	-0.001	-0.0001	-0.0002	0.0000	14:34:24	Yes
Mean:	0.024	0.024	-0.0000				

SD:	0.035	0.035	0.0001
%RSD:	147.9	147.9	207.72

Sequence No.: 33 Autosampler Location: 9
Sample ID: CCV Date Collected: 2/27/2009 2:34:26 PM
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.546	9.546	0.0173	0.0272	0.0174	14:35:24	Yes
2	9.479	9.479	0.0172	0.0249	0.0173	14:36:02	Yes
Mean:	9.512	9.512	0.0173				
SD:	0.047	0.047	0.0001				
%RSD:	0.496	0.496	0.50				

QC value within limits for Hg 253.7 Recovery = 95.12%
All analyte(s) passed QC.

Sequence No.: 34 Autosampler Location: 1
Sample ID: CCB Date Collected: 2/27/2009 2:36:04 PM
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.036	0.036	-0.0000	0.0009	0.0001	14:37:00	Yes
2	0.012	0.012	-0.0001	0.0003	0.0001	14:37:39	Yes
Mean:	0.024	0.024	-0.0000				
SD:	0.017	0.017	0.0000				
%RSD:	71.71	71.71	105.84				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 35 2/27 Autosampler Location: 31
Sample ID: 42940-0029 Date Collected: 2/27/2009 2:37:41 PM
Analyst: Data Type: Original

Replicate Data: 42940-0029

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.011	0.011	-0.0001	0.0004	0.0001	14:38:39	Yes
2	-0.031	-0.031	-0.0001	-0.0026	-0.0000	14:39:18	Yes
Mean:	-0.010	-0.010	-0.0001				
SD:	0.030	0.030	0.0001				
%RSD:	302.1	302.1	59.97				

Sequence No.: 36 Autosampler Location: 32
Sample ID: 42940-030 Date Collected: 2/27/2009 2:39:20 PM
Analyst: Data Type: Original

Replicate Data: 42940-030

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.021	-0.021	-0.0001	-0.0010	-0.0000	14:40:16	Yes
2	-0.030	-0.030	-0.0001	-0.0007	-0.0000	14:40:54	Yes
Mean:	-0.026	-0.026	-0.0001				
SD:	0.006	0.006	0.0000				
%RSD:	24.24	24.24	9.43				

Sequence No.: 37 Autosampler Location: 9
Sample ID: CCV Date Collected: 2/27/2009 2:40:56 PM
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	9.631	9.631	0.0175	0.0260	0.0176	14:41:55	Yes
2	9.623	9.623	0.0175	0.0267	0.0176	14:42:33	Yes
Mean:	9.627	9.627	0.0175				
SD:	0.006	0.006	0.0000				
%RSD:	0.061	0.061	0.06				

QC value within limits for Hg 253.7 Recovery = 96.27%
All analyte(s) passed QC.

==========

Sequence No.: 38 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 2/27/2009 2:42:35 PM**
Analyst: **Data Type: Original**

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.018	-0.018	-0.0001	-0.0007	0.0000	14:43:32	Yes
2	-0.038	-0.038	-0.0001	-0.0012	-0.0000	14:44:10	Yes
Mean:	-0.028	-0.028	-0.0001				
SD:	0.014	0.014	0.0000				
%RSD:	50.17	50.17	20.60				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Metal Data
Digestion Logbook Data

Hampton-Clarke/Veritech

ICP SAMPLE PREPARATION LOG

ANALYTICAL METHOD: 3010A 3005A 3050B (200.2) OTHER_____

Batch No.: 9998 Analyst: OA

Matrix: 600 H_2O Prep Date: 02-27-2009

Reviewed By: SB

LAB ID#	ICP		ICP-MS (Secondary dil)		TCLP		COMMENTS
	Initial	Final	Aliquot	Final	Eff	TCLP	
Method blank	100ml	50ml				--	
LCS						--	
LCSD						--	
1. 42940-001							
MR 42940-001							
MS 42940-001							
MSD 42940-001							
2. 42940-002							Lab-Filtered
3. 42940-003							
4. 42940-004							Lab-Filtered
5. 42940-005							
6. 42940-006							Lab-Filtered
7. 42940-007							
8. 42940-008							Lab-Filtered
9. 42940-009							
10. 42940-010							Lab-Filtered
11. 42940-011							
12. 42940-012							Lab-Filtered
13. 42940-013							
14. 42940-014							Lab-Filtered
15. 42940-029							
16. 42940-030							Lab-Filtered
17.							
18.							
19.							
20.							

Hot Plate Temperature: 91.5° C (90-95° C)

	Volume mL	Lot #
LCS, LCSD	0.5ml	V- 3788
	0.5ml	V- 3789
MS, MSD	0.5ml	V- 3788
	0.5ml	V- 3789

Acid	Vol mL	Lot#
HNO_3		V-
HCl		V-
H_2O_2		V-

Acid	Vol mL	Lot#
1:1 HNO_3	2.0ml	V- 61391
1:1 HCl	10ml	V- 58580

Relinquished By [signature] Date 02-27-2009

Received By [signature] Date 2/27/09

Hampton-Clarke/Veritec

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: (245.1) 7470A 7471A OTHER_____

Batch No.: 9998
Matrix: 600 H_2O
Analyst: OA
Prep Date: 02-27-2009
Review By: JS 3/2/09

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25ml	25ml	
LCS			
LCSD			
1. 42940-001			
MR 42940-001			
MS 42940-001			
MSD 42940-001			
2. 42940-002			Lab-Filtered
3. 42940-003			
4. 42940-004			Lab-Filtered
5. 42940-005			
6. 42940-006			Lab-Filtered
7. 42940-007			
8. 42940-008			Lab-Filtered
9. 42940-009			
10. 42940-010			Lab-Filtered
11. 42940-011			
12. 42940-012			Lab-Filtered
13. 42940-013			
14. 42940-014			Lab-Filtered
15. 42940-029			
16. 42940-030			Lab-Filtered
17.			
18.			
19.			
20.			

$KmnO_4$: V-	56935
$K_2S_2O_8$: V-	56940
NH_2OH: V-	56936

*Block Temp. :	91.6 ° C
Time In Block:	09:45
Time Out of Block:	11:10

Spike Volume & Lot #

☐ LCS	V-	61617	0.25ml ~~0.15g~~ OA
☐ MS	V-	61617	0.250 ml
☐ Standards/Control Batch	B-	5283	

Acid	Volume (mL)	Lot #:
HNO_3		V- 3769
HCl		V-
H_2SO_4		V- 3613

* required range = 90-95° C

Relinquished By: 3/2/09

Wet Chemistry Data

Wet Chemistry Data
Sample Results

VERITECH Wet Chem Form1 Analysis Summary

Lab#: AC42940-001
Matrix Aqueous
Client SampleID: MW-1 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-003
Matrix Aqueous
Client SampleID: MW-2 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-005
Matrix Aqueous
Client SampleID: MW-3 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-007
Matrix Aqueous
Client SampleID: MW-4 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-009
Matrix Aqueous
Client SampleID: MW-5 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-011
Matrix Aqueous
Client SampleID: MW-6 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-013
Matrix Aqueous
Client SampleID: MW-7 U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Lab#: AC42940-029
Matrix Aqueous
Client SampleID: FB U
Project Number: 9022527
Received Date: 2/25/2009
Collect Date: 2/24/2009

Analysis	TestGroup	Dilution:	Result	Units:	PQL:	Prep Date:	Analysis Date:
Cyanide	CN-W-9012	1	ND	mg/l	0.01	03/01/09	03/01/09

Wet Chemistry Data
QC Data

Analysis Type: CN-W

Batch Number: CN-W-39 **Units:** mg/l

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
CCV	CCV-2	0.4	90-110	NA	0.392375	98	NA	
CCV	CCV-1	0.4	90-110	NA	0.399058	100	NA	
DUP	AC42940-001	0	NA	20	0.001768	NA	NA	Nc
ICV	ICV-03/01/09	0.378	90-110	NA	0.393671	104	NA	
LCS	LCS-1	0.2	75-125	NA	0.193974	97	NA	
MS	AC42940-001	0.2	75-125	NA	0.191887	96	NA	
MSD	AC42940-001	0.2	75-125	20	0.19236	96	0.25	

Analytical Method(s)

EPA 335.4,EPA 9012B

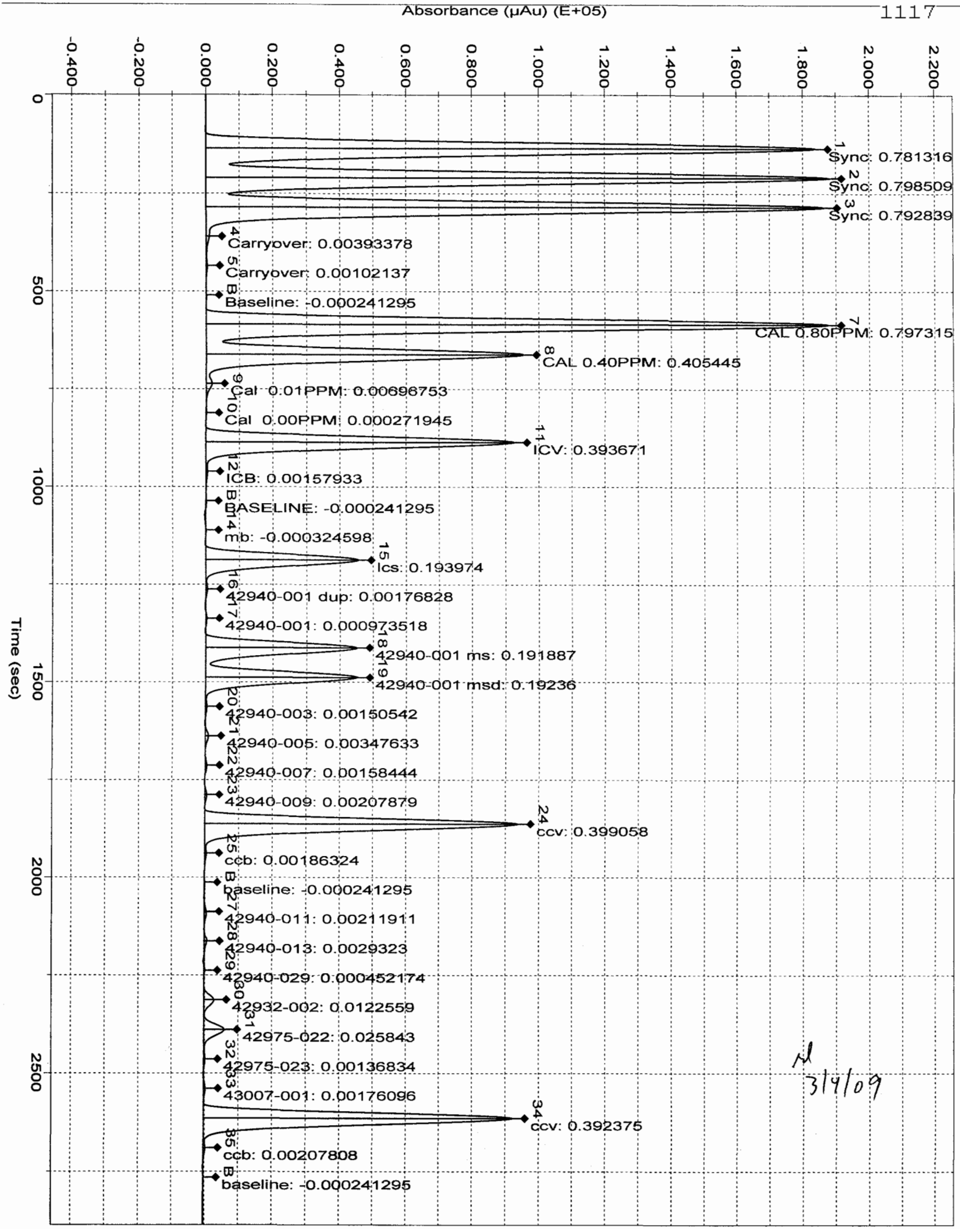
Sam #	Type	MB	Result	RL	Per Sol	Raw Result	Raw Result	SmpVol	DF	ScrubVol	Prep Date	Prep By	Anal Date	Anal By
ICV-03/01/09	ICV		0.39	0.01	100	0.39367	0.393671	1	1	1		hs	03/01/09	hs
MB-1-03/01/09	MB	MB-1-03/01/09	ND	0.01	100	0	0	50	1	50	03/01/09	hs	03/01/09	hs
LCS-1	LCS	MB-1-03/01/09	0.19	0.01	100	0.19397	0.193974	50	1	50	03/01/09	hs	03/01/09	hs
AC42940-001	DUP	MB-1-03/01/09	ND	0.01	100	0.001768	0.001768	50	1	50	03/01/09	hs	03/01/09	hs
AC42940-001	Sample	MB-1-03/01/09	ND	0.01	100	0.000974	0.000974	50	1	50	03/01/09	hs	03/01/09	hs
AC42940-001	MS	MB-1-03/01/09	0.19	0.01	100	0.19189	0.191887	50	1	50	03/01/09	hs	03/01/09	hs
AC42940-001	MSD	MB-1-03/01/09	0.19	0.01	100	0.19236	0.192360	50	1	50	03/01/09	hs	03/01/09	hs
AC42940-003	Sample	MB-1-03/01/09	ND	0.01	100	0.001505	0.001505	50	1	50	03/01/09	hs	03/01/09	hs
AC42940-005	Sample	MB-1-03/01/09	ND	0.01	100	0.003476	0.003476	50	1	50	03/01/09	hs	03/01/09	hs
AC42940-007	Sample	MB-1-03/01/09	ND	0.01	100	0.001584	0.001584	50	1	50	03/01/09	hs	03/01/09	hs
AC42940-009	Sample	MB-1-03/01/09	ND	0.01	100	0.002079	0.002079	50	1	50	03/01/09	hs	03/01/09	hs
CCV-1	CCV	MB-1-03/01/09	0.4	0.01	100	0.39906	0.399058	1	1	1	03/01/09	hs	03/01/09	hs
AC42940-011	Sample	MB-1-03/01/09	ND	0.01	100	0.002119	0.002119	50	1	50	03/01/09	hs	03/01/09	hs
AC42940-013	Sample	MB-1-03/01/09	ND	0.01	100	0.002932	0.002932	50	1	50	03/01/09	hs	03/01/09	hs
AC42940-029	Sample	MB-1-03/01/09	ND	0.01	100	0.000452	0.000452	50	1	50	03/01/09	hs	03/01/09	hs
AC42932-002	Sample	MB-1-03/01/09	0.012	0.01	100	0.012256	0.012256	50	1	50	03/01/09	hs	03/01/09	hs
AC42975-022	Sample	MB-1-03/01/09	0.026	0.01	100	0.025843	0.025843	50	1	50	03/01/09	hs	03/01/09	hs
AC42975-023	Sample	MB-1-03/01/09	ND	0.01	100	0.001368	0.001368	50	1	50	03/01/09	hs	03/01/09	hs
AC43007-001	Sample	MB-1-03/01/09	ND	0.01	100	0.001761	0.001761	50	1	50	03/01/09	hs	03/01/09	hs
CCV-2	CCV	MB-1-03/01/09	0.39	0.01	100	0.39237	0.392375	1	1	1	03/01/09	hs	03/01/09	hs

3/4/09

Flag Codes: Ra - Recovery failed specified criteria (PVS/LCS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Wet Chemistry Data
Raw Data


Absorbance (µAu) (E+05)
-0.400
-0.200
0.000
0.200
0.400
0.600
0.800
1.000
1.200
1.400
1.600
1.800
2.000
2.200
Time (sec)
0
500
1000
1500
2000
2500
Channel 6: POST-DISTILLATION CYANIDE
1 Sync: 0.781316
2 Sync: 0.798509
3 Sync: 0.792839
4 Carryover: 0.00393378
5 Carryover: 0.00102137
B Baseline: -0.000241295
7 CAL 0.80PPM: 0.797315
8 CAL 0.40PPM: 0.405445
9 Cal 0.01PPM: 0.00696753
10 Cal 0.00PPM: 0.000271945
11 ICV: 0.393671
12 ICB: 0.00157933
B BASELINE: -0.000241295
14 mb: -0.000324598
15 lcs: 0.193974
16 42940-001 dup: 0.00176828
17 42940-001: 0.000973518
18 42940-001 ms: 0.191887
19 42940-001 msd: 0.19236
20 42940-003: 0.00150542
21 42940-005: 0.00347633
22 42940-007: 0.00158444
23 42940-009: 0.00207879
24 ccv: 0.399058
25 ccb: 0.00186324
B baseline: -0.000241295
27 42940-011: 0.00211911
28 42940-013: 0.0029323
29 42940-029: 0.000452174
30 42932-002: 0.0122559
31 42975-022: 0.025843
32 42975-023: 0.00136834
33 43007-001: 0.00176096
34 ccv: 0.392375
35 ccb: 0.00207808
B baseline: -0.000241295

3/4/09

Peak Table:POST-DISTILLATION CYANIDE

File name: C:\FLOW_4\3-1-09.RST
Date: 01-Mar-09
Operator: hs

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)
1	101	Sync	1	SYNC	1	1	183824	0.781316
2	101	Sync	2	SYNC	1	1	187867	0.798509
3	101	Sync	3	SYNC	1	1	186534	0.792839
4	901	Carryover	1	CO	1	1	982	0.003934
5	901	Carryover	2	CO	1	1	297	0.001021
B	902	Baseline	1	RB	1	1	0	-0.000241
7	101	CAL 0.80PPM	1	C	1	1	187587	0.797315
8	102	CAL 0.40PPM	1	C	1	1	95418	0.405445
9	103	Cal 0.01PPM	1	C	1	1	1696	0.006968
10	104	Cal 0.00PPM	1	C	1	1	121	0.000272
11	105	ICV	1	U	1	1	92649	0.393671
12	901	ICB	1	U	1	1	428	0.001579
B	902	BASELINE	1	RB	1	1	0	-0.000241
14	106	mb	1	U	1	1	-20	-0.000325
15	107	lcs	1	U	1	1	45680	0.193974
16	108	42940-001 dup	1	U	1	1	473	0.001768
17	109	42940-001	1	U	1	1	286	0.000974
18	110	42940-001 ms	1	U	1	1	45189	0.191887
19	111	42940-001 msd	1	U	1	1	45300	0.192360
20	112	42940-003	1	U	1	1	411	0.001505
21	113	42940-005	1	U	1	1	874	0.003476
22	114	42940-007	1	U	1	1	429	0.001584
23	115	42940-009	1	U	1	1	546	0.002079
24	116	ccv	1	CCV	1	1	93916	0.399058
25	901	ccb	1	U	1	1	495	0.001863
B	902	baseline	1	RB	1	1	0	-0.000241
27	117	42940-011	1	U	1	1	555	0.002119
28	118	42940-013	1	U	1	1	746	0.002932
29	119	42940-029	1	U	1	1	163	0.000452
30	120	42932-002	1	U	1	1	2939	0.012256
31	121	42975-022	1	U	1	1	6135	0.025843
32	122	42975-023	1	U	1	1	379	0.001368
33	123	43007-001	1	U	1	1	471	0.001761
34	124	ccv	1	CCV	1	1	92344	0.392375
35	901	ccb	1	U	1	1	546	0.002078
B	902	baseline	1	RB	1	1	0	-0.000241

Peak Table:POST-DISTILLATION CYANIDE

File name: C:\FLOW_4\3-1-09.RST
Date: 01-Mar-09
Operator: hs

Peak	Cup	Flags
1	101	
2	101	
3	101	
4	901	
5	901	
B	902	BL
7	101	
8	102	
9	103	
10	104	
11	105	
12	901	
B	902	BL
14	106	LO
15	107	
16	108	
17	109	
18	110	
19	111	
20	112	

3/4/09
HS

Peak	Cup	Flags
21	113	
22	114	
23	115	
24	116	
25	901	
B	902	BL
27	117	
28	118	
29	119	
30	120	
31	121	
32	122	
33	123	
34	124	
35	901	
B	902	BL

3/4/09
HS

POST-DISTILLATION CYANIDE:Calibration 1: Peak 7-36

File name: C:\FLOW_4\3-1-09.RST
Date: 01-Mar-09
Operator: hs

*	Name	Conc	Height	
*	CAL 0.80PPM	0.800000	187586.781250	V-61663
*	CAL 0.40PPM	0.400000	95418.218750	V-61664
*	Cal 0.01PPM	0.010000	1695.528687	V-61665
*	Cal 0.00PPM	0.000000	120.715042	CCV-61666

Calib Coef:
y=bx+a
a: (intercept) 5.6753e+01
b: 2.3520e+05

Corr Coef: 0.999947

Carryover: n/a

No Drift Peaks

3/4/09
#s

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-60743

Prepared By: Dowbnia, James A
Description: 1.25 N NaOH
Prep Date: 2/10/2009
Expiration Date: 8/9/2009
Department: WetChem
BatchNumber:
Concentration: 1.25 n
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3719	Sodiun hydroxide	100 g	neat neat	
1016	DI water (fill to volume)			

Veritech Lot Number: V-61274

Prepared By: Saghari, Hossain
Description: 1.25 N NaOH
Prep Date: 2/20/2009
Expiration Date: 8/19/2009
Department: WetChem
BatchNumber:
Concentration: 1.25 n
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3853	Sodium Hydroxide	100 g	neat neat	
1016	DI water (fill to volume)			

Veritech Lot Number: V-61471

Prepared By: Saghari, Hossain
Description: 1:1 H2SO4
Prep Date: 2/22/2009
Expiration Date: 8/21/2009
Department: WetChem
BatchNumber:
Concentration: 1:1 vol/vol
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3748	Sulfuric acid	500 ml		
1016	DI water (fill to volume)			

Veritech Lot Number: V-61558

Prepared By: Saghari, Hossain
Description: Magnesium Chloride
Prep Date: 2/25/2009
Expiration Date: 8/21/2009
Department: WetChem
BatchNumber:
Concentration: Reagent reagent
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3584	Magnesium Chloride Hexahydrate	255 g	neat neat	
1016	DI water (fill to volume)			

Veritech Lot Number: V-61584

Prepared By: Saghari, Hossain
Description: 0.25 N NaOH
Prep Date: 2/27/2009
Expiration Date: 8/8/2009
Department: WetChem
BatchNumber:
Concentration: 0.25 n
Final Volume: 2000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-60743	1.25 N NaOH	400 ml	1.25 n	
1016	DI water (fill to volume)			

Veritech Lot Number: V-61659

Prepared By: Saghari, Hossain
Description: Sulfamic Acid(6 Months)
Prep Date: 3/1/2009
Expiration Date: 8/28/2009
Department: WetChem
BatchNumber:
Concentration: Reagent reagent
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3573	Sulfamic Acid	40 g	neat neat	
1016	DI water (fill to volume)			

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61660

Prepared By: Saghari, Hossain
Description: 10 ppm
Prep Date: 3/1/2009
Expiration Date: 3/1/2009
Department: WetChem
BatchNumber:
Concentration: 10 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
3843	1000 ppm Cyanide	1 ml	1000 ppm	

Veritech Lot Number: V-61663

Prepared By: Saghari, Hossain
Description: 0.8 ppm Cyanide
Prep Date: 3/1/2009
Expiration Date: 3/1/2009
Department: WetChem
BatchNumber: B-5287
Concentration: 0.8 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61660	10 ppm	20 ml	10 ppm	

Veritech Lot Number: V-61664

Prepared By: Saghari, Hossain
Description: 0.4 ppm Cyanide
Prep Date: 3/1/2009
Expiration Date: 3/1/2009
Department: WetChem
BatchNumber: B-5287
Concentration: 0.4 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61660	10 ppm	10 ml	10 ppm	

Veritech Lot Number: V-61665

Prepared By: Saghari, Hossain
Description: 0.01 ppm Cyanide
Prep Date: 3/1/2009
Expiration Date: 3/1/2009
Department: WetChem
BatchNumber: B-5287
Concentration: 0.01 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61660	10 ppm	.25 ml	10 ppm	

Veritech Lot Number: V-61666

Prepared By: Saghari, Hossain
Description: 0.4 ppm Cyanide CCV
Prep Date: 3/1/2009
Expiration Date: 3/1/2009
Department: WetChem
BatchNumber: B-5287
Concentration: 0.4 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1016	DI water (fill to volume)			
V-61274	1.25 N NaOH	50 ml	1.25 n	
V-61660	10 ppm	10 ml	10 ppm	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1016

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	na	na	02/28/05		Smith, Greg	1	0		

Veritech Control/Receipt Number: 3573

Description
Sulfamic Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A295-500	076646A	09/03/08	09/02/11	Miller,Gael E.	1	500g	neat	neat

Veritech Control/Receipt Number: 3584

Description
Magnesium Chloride Hexahydrate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	M35-212	080079	09/04/08	09/03/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Control/Receipt Number: 3719

Description
Sodiun hydroxide

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	S318-10	083471	11/10/08	11/09/10	Lopez, Jose	1	10kg	neat	neat

Veritech Control/Receipt Number: 3748

Description
Sulfuric acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A510SK-212	3108030	11/18/08	08/25/09	Saghari, Hossain	1			

Veritech Control/Receipt Number: 3843

Description
1000 ppm Cyanide

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
LabChem	LC13545-2	8351-19	01/13/09	06/22/09	Smith, Greg	1	1000	1000	ppm

Veritech Control/Receipt Number: 3853

Description
Sodium Hydroxide

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S318-10	083471	01/21/09	01/20/11	Quimby, Richard	2	10KG	neat	neat

Wet Chemistry Data
Preparation and Distillation Logbook Data

veritech

CYANIDE DISTILLATION DATA SHEET (AQUEOUS SAMPLES ONLY)

Method: 335.4 ____ SM4500_____ 9010____ 9012B____ 9014_____

Total CN_____ **Amenable CN**_____

Batch No. 39 Reviewed by: [signature] Date: 3/4/09

	Sample Vol (ml)	Scrubber Vol (ml)
Method Blank	50	50
Method Blank		
Method Blank		
Method Blank		

	Sample Vol (ml)	Scrubber Vol (ml)	Date	Distilled By
Method Blank Spike	50	50	3/1/09	HS
Method Blank Spike				
Method Blank Spike				
Method Blank Spike				

Laboratory Sample No.	Sampl Vol (ml)	Scrub Vol (mL)	Date	Dist By	Sulfide Check
Matrix Spike 42940-1	50	50	3/1/09	HS	✓
Matrix Spike Dup 42940-1					
Sample Dup 42940-1					
1. 42940-1					
2. 3					
3. 5					
4. 7					
5. 9					
6. 11					
7. 13					
8. 29					
9. 42932-2					
10. 42975-22					

Laboratory Sample No.	Sample Vol (mL)	Scrub Vol (mL)	Date	Dist By	Sulfide Check
11. 43007-1	50	50	3/1/09	HS	✓
12. 42975-23	↓	↓	↓	↓	↓
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					

Spike Volume 1.0 ml & Lot #
V- 61660
V-
V-
V-

Reagent	Lot #:
0.25N NaOH	V- 61584
0.25N NaOH	V-
0.25N NaOH	V-
0.25N NaOH	V-

Reagent	Lot #:
Bismuth Nitrate	V-
Bismuth Nitrate	V-
Bismuth Nitrate	V-
Bismuth Nitrate	V-

Reagent	Lot #:
1:1 H_2SO_4	V- 61471
1:1 H_2SO_4	V-
1:1 H_2SO_4	V-
1:1 H_2SO_4	V-

Reagent	Lot #:
$MgCl_2$	V- 61558
$MgCl_2$	V-
$MgCl_2$	V-
$MgCl_2$	V-

Reagent	Lot #:
Sulfamic Acid	V- 61659
Sulfamic Acid	V-
Sulfamic Acid	V-
Sulfamic Acid	V-

000053