ECOTEST LABORATORIES INC.
377 Sheffield Ave.
North Babylon, NY 11703
tel. 631-422-5777, fax 631-422-5770, Email ECOTESTLAB@aol.com

TITLE/COVER PAGE

QUALITY CONTROL DELIVERABLES

CLIENT: ST Environmental Services, Inc.
100 Morris Avenue
Glen Cove, NY 11542

CONTACT: Ross Hibler

JOB: Pelham Bay Landfill-Groundwater

DATE(S) OF SAMPLE COLLECTION: 4/17/09

ECOTEST SAMPLE ID NOS.: 291490.01-.05

REPORT APPROVED BY: _____
JOHN AQUILINA

DATE APPROVED: 6.16.09

NJDEP LAB ID NO.: NY356
NYELAP ID NO.: 10320

JA
excel\john\qcpkg09\st1490b

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SUMMARY TABLE; CROSS-REFERENCE OF LABORATORY AND FIELD ID NOS. AND ANALYSES PERFORMED

SUMMARY TABLE; CROSS-REFERENCE OF LABORATORY AND FIELD ID NOS. AND ANALYSES PERFORMED

EcoTest ID#	Field ID#	Matrix	Date Col'd	Date Rec'd	ANALYSIS
291490.01	MW-106	Water	4/17/09	4/17/09	SVOCs by EPA 8270, VOCs by EPA 8260, Pest./PCBs by EPA 608, , Metals by EPA 200.7/245.2, CN. by EPA 335.4,, Cl by 204500ClB, NH3 by 4500NH3C, Nitrate by EPA 353.2, Sulfate by ASD51602, TDS by 2540C
291490.02	MW-106 Metals Filter	Water	4/17/09	4/17/09	Metals by EPA 200.7/245.2
291490.03	MW-119	Water	4/17/09	4/17/09	SVOCs by EPA 8270, VOCs by EPA 8260, Pest./PCBs by EPA 608, , Metals by EPA 200.7/245.2, CN. by EPA 335.4,, Cl by 204500ClB, NH3 by 4500NH3C, Nitrate by EPA 353.2, Sulfate by ASD51602, TDS by 2540C
291490.04	MW-119 Metals Filter	Water	4/17/09	4/17/09	Metals by EPA 200.7/245.2
291490.05	Trip Blank	Water	4/17/09	4/17/09	VOCs by EPA 8260

CHAIN OF CUSTODY FORMS

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CHAIN OF CUSTODY RECORD

15

291490

Client: Seven Trent Services ✓
Address: 100 Morris Ave ✓
Glencove, N.Y. 11542
Phone: 516-674-6033 FAX: 516-674-0151
Person receiving report: Ross Bibber ✓
Sampled by: JM/RH
Source: Pelham Bay Landfill Groundwater
Job No.: 317

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TYPE & NUMBER OF CONTAINERS: VOA (HCl)	Amber PEST	Amber AC	Amber BN	Metals (HNO3)	Metals - Filtered (HNO3)	Plastic Inst Chem (NaOH)	Plastic Unpreserved BOD (No Add)	Plastic CN (NaOH)	OC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
W	4/17	7:50	MW-106	12	2	3	1	1	1	1	1	1	1	3		Cat B
W	4/17	9:20	MW-119	12	2	3	1	1	1	1	1	1	1	3		Groundwater Sample Used
W			TRIP BLOMK	2	2											please Report as Electronic
																copy of Results in Access
																EDD Format.
																Samples transport by SRS
																in 2 (two) coolers
																Temp 2.0°C

Relinquished by: (Signature) Representing:	DATE/TIME 4/17 1520	SEAL INTACT? YES NO NA	Received by: (Signature) Chris Testa Representing:	Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:
Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:	Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:

DATA REPORTS

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ANALYTICAL PARAMETERS	UNITS	DILUTION	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	1		04/20/09	1	SW8260B
Bromomethane	ug/L	1		04/20/09	1	SW8260B
Vinyl Chloride	ug/L	1		04/20/09	1	SW8260B
Chloroethane	ug/L	1		04/20/09	1	SW8260B
Methylene Chloride	ug/L	1		04/20/09	1	SW8260B
Acetone	ug/L	10		04/20/09	10	SW8260B
Carbon Disulfide	ug/L	1		04/20/09	1	SW8260B
1,1-Dichloroethene	ug/L	1		04/20/09	1	SW8260B
1,1-Dichloroethane	ug/L	1		04/20/09	1	SW8260B
1,2-Dichloroethene (total)	ug/L	2		04/20/09	2	SW8260B
Chloroform	ug/L	1		04/20/09	1	SW8260B
1,2-Dichloroethane	ug/L	1		04/20/09	1	SW8260B
2-Butanone	ug/L	10		04/20/09	10	SW8260B
1,1,1-Trichloroethane	ug/L	1		04/20/09	1	SW8260B
Carbon Tetrachloride	ug/L	1		04/20/09	1	SW8260B
Bromodichloromethane	ug/L	1		04/20/09	1	SW8260B
1,2-Dichloropropane	ug/L	1		04/20/09	1	SW8260B
cis-1,3-Dichloropropene	ug/L	1		04/20/09	1	SW8260B
Trichloroethene	ug/L	1		04/20/09	1	SW8260B
Dibromochloromethane	ug/L	1		04/20/09	1	SW8260B
1,1,2-Trichloroethane	ug/L	1		04/20/09	1	SW8260B
Benzene	ug/L	1		04/20/09	1	SW8260B
trans-1,3-Dichloropropene	ug/L	1		04/20/09	1	SW8260B
Bromoform	ug/L	1		04/20/09	1	SW8260B
4-Methyl-2-pentanone	ug/L	1		04/20/09	1	SW8260B
2-Hexanone	ug/L	1		04/20/09	1	SW8260B
Tetrachloroethene	ug/L	1		04/20/09	1	SW8260B
1,1,2,2-Tetrachloroethane	ug/L	1		04/20/09	1	SW8260B
Toluene	ug/L	1		04/20/09	1	SW8260B
Chlorobenzene	ug/L	1		04/20/09	1	SW8260B
Ethylbenzene	ug/L	1		04/20/09	1	SW8260B
Styrene	ug/L	1		04/20/09	1	SW8260B
Xylenes (total)	ug/L	1		04/20/09	1	SW8260B

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042009	10	EPA8260
Tetrachloroethene	ug/L	< 1		042009	1	EPA8260
Toluene	ug/L	< 1		042009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
Chlorobenzene	ug/L	< 1		042009	1	EPA8260
Ethyl Benzene	ug/L	< 1		042009	1	EPA8260
Styrene	ug/L	< 1		042009	1	EPA8260
o Xylene	ug/L	< 1		042009	1	EPA8260
m p Xylene	ug/L	< 2		042009	2	EPA8260
Xylene	ug/L	< 3		042009	3	EPA8260

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

[illegible] 091190.01 [illegible]

[illegible] Environmental Services, Incorporated
[illegible] Avenue
Glen Cove, NY [illegible]
ATTN: [illegible] PO#: [illegible]

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/1?/09 RECEIVED:04/1?/09
TIME COL'D:0950

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	RL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Carbazole	ug/L	< 1		042209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
N-Nitroso-di-n-propylamine	ug/L	< 1		042209	1	EPA8270
Hexachloroethane	ug/L	< 1		042209	1	EPA8270
Nitrobenzene	ug/L	< 1		042209	1	EPA8270
Isophorone	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042209	1	EPA8270
4-Chloroaniline	ug/L	< 1		042209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
2-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042209	1	EPA8270
Acenaphthylene	ug/L	< 1		042209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
3-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Acenaphthene	ug/L	< 1		042209	1	EPA8270
[illegible]	ug/L	< 1		042209	1	EPA8270

[illegible]

[illegible]

[illegible]

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[illegible] [illegible]

[illegible] Environmental Services, Incorporated
400 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750
MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	DIL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Fluorene	ug/L	< 1		042209	1	EPA8270
4-Nitroaniline	ug/L	< 1		042209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	1		042209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042209	1	EPA8270
Phenanthrene	ug/L	< 1		042209	1	EPA8270
Anthracene	ug/L	< 1		042209	1	EPA8270
Di-n-butyl Phthalate	ug/L	1.6		042209	1	EPA8270
Fluoranthene	ug/L	< 1		042209	1	EPA8270
Pyrene	ug/L	< 1		042209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

[illegible]

[illegible]

@-MATRIX AND recovery is reduced.

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LAB NO [illegible] [illegible]

TC Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hobler [illegible]

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
[illegible] OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/1?/09 [illegible]
TIME COL'D:0750
MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	12	#	042209	1	EPA8270
Di-n-octyl phthalate	ug/L	< 1		042209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

[illegible]

[illegible]

* MATRIX: #Detected [illegible] ug/L in method blank

Analytical results relate to the samples as received by the laboratory

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[illegible]

[illegible]
[illegible]
[illegible]
ATTN: [illegible]

SOURCE OF SAMPLE: Pelham Bay Landfill Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D: [illegible] RECEIVED: [illegible]
TIME COL'D: 0750
MATRIX: Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	DIL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042209	1	EPA8270
2-Chlorophenol	ug/L	< 1		042209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
2-Nitrophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
4-Nitrophenol	ug/L	< 10		042209	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		042209	10	EPA8270

[illegible]

[illegible]

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LAB # [illegible]490.01 [illegible]

[illegible] Environmental Services, Incorporated
[illegible] Avenue
Glen Cove, NY 11542
ATTN: Ross [illegible] PO#: [illegible]

SOURCE OF SAMPLE: Pelham Bay Landfill Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D: 04/17/09 RECEIVED: 04/17/09
TIME COL'D: 0750
MATRIX: Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor	ug/L	< 0.05		042309	0.05	EPA608
Aldrin	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
p,p DDE	ug/L	< 0.05		042309	0.05	EPA608
Dieldrin	ug/L	< 0.05		042309	0.05	EPA608
Endrin	ug/L	< 0.05		042309	0.05	EPA608
p,p DDD	ug/L	< 0.05		042309	0.05	EPA608
p,p DDT	ug/L	< 0.1		042309	0.1	EPA608
Chlordane	ug/L	< 0.2		042309	0.2	EPA608
Toxaphene	ug/L	< 1		042309	1	EPA608
Endrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
a BHC	ug/L	< 0.05		042309	0.05	EPA608
b BHC	ug/L	< 0.05		042309	0.05	EPA608
d BHC	ug/L	< 0.05		042309	0.05	EPA608
Endosulfan I	ug/L	< 0.1		042309	0.1	EPA608

cc:

[illegible] Laboratory [illegible]

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

[illegible]

[illegible] Environmental Services, Incorporated
100 [illegible] Avenue
Glen Cove, NY 11542
ATTN: [illegible] PO#: [illegible]

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0250
MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	FRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
Methoxychlor	ug/L	< 0.1		042309	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		042409	0.065	EPA608

cc:

[illegible] reporting [illegible]

REMARKS:

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB No. 042409-01 042409

ATT: Environmental Services, International
100 Marcus Avenue
Glen Cove, NY 11542
ATTN: Ross Heliker 042409

SOURCE OF SAMPLE: Pelham Res. Landfill Groundwater
Sample of SAMPLE:
DESCRIPTION BY: Client DATE COLLECTED: 04/17/09 RECEIVED: 04/17/09
TIME COLLECTED: 10:07:50
MATRIX: Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	ANALYTICAL LIMIT	METHOD
Aluminum as Al	mg/l	0.04		042409	0.02	EPA200.7
Antimony as Sb	mg/l	< 0.01		042409	0.01	EPA200.7
Arsenic as As	mg/l	0.03		042409	0.01	EPA200.7
Barium as Ba	mg/l	0.092		042409	0.01	EPA200.7
Beryllium as Be	mg/l	< 0.002		042409	0.002	EPA200.7
Cadmium as Cd	mg/l	0.01		042409	0.01	EPA200.7
Calcium as Ca	mg/l	280		042409	1	EPA200.7
Chromium as Cr	mg/l	0.011		042409	0.01	EPA200
Cobalt as Co	mg/l	0.01		042409	0.01	EPA200.7
Copper as Cu	mg/l	0.03		042409	0.02	EPA200.7
Iron as Fe	mg/l	0.65		042409	0.02	EPA200.7
Lead as Pb	mg/l	< 0.01		042409	0.01	EPA200.7
Magnesium as Mg	mg/l	850		042409	0.1	EPA200.7
Manganese as Mn	mg/l	0.04		042409	0.02	EPA200.7
Mercury as Hg	mg/l	< 0.00025		042409	0.0005	EPA245.1
Nickel as Ni	mg/l	< 0.02		042409	0.02	EPA200.7
Potassium as K	mg/l	450		042409	200	EPA200.7
Selenium as Se	mg/l	< 0.02		042409	0.02	EPA200.7
Silver as Ag	mg/l	< 0.01		042409	0.01	EPA200.7
Sodium as Na	mg/l	2800		042409	200	EPA200.7
Thallium as Tl	mg/l	< 0.01		042409	0.01	EPA200
Vanadium as V	mg/l	0.01		042409	0.01	EPA200.7
Zinc as Zn	mg/l	0.19		042409	0.02	EPA200.7

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

Lab No: [illegible]

CT Environmental Services, Incorporated
[illegible]
Glen Cove, NY 11542
ATTN: Ross Kubler

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COLLECTED: [illegible]
TIME COLLECTED:

MATRIX: Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE/TIME OF ANALYSIS	LOQ	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042109	0.02	EPA [illegible]
Ammonia as N	mg/L	24		042209	0.2	4500NH3 [illegible]
Chloride as Cl	mg/L	16000		042209	1000	SM4500Cl- [illegible]
Nitrate as N	mg/L	1.5		042109	0.5	EPA [illegible]
Sulfate as SO4	mg/L	1800		042309	250	A2540C [illegible]
Tot. Dissolved Solids	mg/L	27000		042209	100	SM [illegible]

[illegible]

[illegible]

REMARKS:

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB No: 0411600-02 DATE:

OTT, Environmental Services, Incorporated
100 Merrick Avenue
Glen Cove, NY 11542
ATTN: Ross Miller P.O.#: 0117

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COLLECTED: TIME RECEIVED:
TIME COLLD:0750
MATRIX:Water SAMPLE: MW-106 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.02		022409	0.02	EPA200.
Antimony as Sb	mg/L	< 0.01		022409	0.01	EPA200.
Arsenic as As	mg/L	0.03		022409	0.01	EPA200.
Barium as Ba	mg/L	0.087		022409	0.01	EPA200.
Beryllium as Be	mg/L	< 0.002		022409	0.002	EPA200.
Cadmium as Cd	mg/L	< 0.01		022409	0.01	EPA200.
Calcium as Ca	mg/L	280		022409	4	EPA200.
Chromium as Cr	mg/L	0.01		022409	0.01	EPA200.
Cobalt as Co	mg/L	< 0.01		022409	0.01	EPA200.
Copper as Cu	mg/L	< 0.02		022409	0.02	EPA200.
Iron as Fe	mg/L	0.48		022409	0.02	EPA200.
Lead as Pb	mg/L	< 0.01		022409	0.01	EPA200.
Magnesium as Mg	mg/L	8.0		022409	0.1	EPA200.
Manganese as Mn	mg/L	0.05		022409	0.02	EPA200.
Mercury as Hg	mg/L	< 0.00025		022409	0.0005	EPA245.
Nickel as Ni	mg/L	< 0.01		022409	0.02	EPA200.
Potassium as K	mg/L	440		022409	200	EPA200.
Selenium as Se	mg/L	< 0.02		022409	0.02	EPA200.
Silver as Ag	mg/L	< 0.01		022409	0.01	EPA200.
Sodium as Na	mg/L	7600		022409	200	EPA200.
Thallium as Tl	mg/L	< 0.01		022409	0.01	EPA200.
Vanadium as V	mg/L	< 0.01		022409	0.01	EPA200.
Zinc as Zn	mg/L	0.05		022409	0.02	EPA200.

REMARKS:

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

[illegible]

[illegible] Environmental Services, Incorporated
[illegible] Avenue
Glen Cove, NY 11542
ATTN: [illegible] PO#: [illegible]

SOURCE OF SAMPLE: Pelham Bay Landfill Groundwater
[illegible] OF SAMPLE:
COLLECTED BY: Client DATE COL'D: [illegible] RECEIVED: [illegible]
TIME COL'D: 0920
MATRIX: Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	DIL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	1		042009	1	EPA8260
Methylene Chloride	ug/L	1		042009	1	EPA8260
Acetone	ug/L	10		042009	10	EPA8260
Carbon disulfide	ug/L	1		042009	1	EPA8260
1,1-Dichloroethene	ug/L	1		042009	1	EPA8260
1,1-Dichloroethane	ug/L	1		042009	1	EPA8260
1,2-Dichloroethene	ug/L	2		042009	2	EPA8260
Chloroform	ug/L	1		042009	1	EPA8260
1,2-Dichloroethane	ug/L	< 1		042009	1	EPA8260
2-Butanone	ug/L	10		042009	10	EPA8260
1,1,1-Trichloroethane	ug/L	1		042009	1	EPA8260
Carbon Tetrachloride	ug/L	1		042009	1	EPA8260
Bromodichloromethane	ug/L	< 1		042009	1	EPA8260
1,2-Dichloropropane	ug/L	< 1		042009	1	EPA8260
c-1,3-Dichloropropene	ug/L	1		042009	1	EPA8260
Trichloroethene	ug/L	1		042009	1	EPA8260
Chlorodibromomethane	ug/L	1		042009	1	EPA8260
1,1,2-Trichloroethane	ug/L	1		042009	1	EPA8260
Benzene	ug/L	1		042009	1	EPA8260
t-1,3-Dichloropropene	ug/L	1		042009	1	EPA8260
Bromoform	ug/L	1		042009	1	EPA8260
4-Methyl-2-Pentanone	ug/L	10		042009	10	EPA8260

REMARKS:

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

[illegible]

[illegible] Environmental Services, Incorporated
[illegible]
[illegible]
ATTN: Ross Mehler

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
PURCHASED BY: Client DATE COLL'D:04/17/09 RECEIVED:04/17/09
TIME COLL'D:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10	042009	10	EPA8260
Tetrachloroethene	ug/L	< 1	042009	1	EPA8260
Toluene	ug/L	< 1	042009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	042009	1	EPA8260
Chlorobenzene	ug/L	< 1	042009	1	EPA8260
Ethyl Benzene	ug/L	< 1	042009	1	EPA8260
Styrene	ug/L	< 1	042009	1	EPA8260
o Xylene	ug/L	< 1	042009	1	EPA8260
m + p Xylene	ug/L	< 2	042009	2	EPA8260
Xylene	ug/L	< 3	042009	3	EPA8260

[illegible]

[illegible]

[illegible]

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LAB NO:M01400.03 05/06/09

CC, Environmental Services, Incorporated
100 Merrick Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler P0#:1117

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COLLD:04/17/09 RECEIVED:04/21/09
TIME COLLD:0920

MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	DIL.	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Carbazole	ug/L	< 1		042209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042209	1	EPA8270
Hexachloroethane	ug/L	< 1		042209	1	EPA8270
Nitrobenzene	ug/L	< 1		042209	1	EPA8270
Isophorone	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042209	1	EPA8270
4-Chloroaniline	ug/L	< 1		042209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
2-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042209	1	EPA8270
Acenaphthylene	ug/L	< 1		042209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
3-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Acenaphthene	ug/L	< 1		042209	1	EPA8270
Dibenzofuran	ug/L	< 1		042209	1	EPA8270

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. [illegible] [illegible]

[illegible] Environmental Services, Incorporated
100 [illegible] Avenue
Glen Cove, NY 11542
ATTN: Doug Uebler PO#: [illegible]

SOURCE OF SAMPLE: Pelham Bay Landfill Groundwater
[illegible] OF SAMPLE:
COLLECTED BY: Client DATE COL'D: 04/17/09 RECEIVED: 04/17/09
TIME COL'D: 0920

MATRIX: Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	DIL	ANALYTICAL METHOD
2,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Fluorene	ug/L	< 1		042209	1	EPA8270
4-Nitroaniline	ug/L	< 1		042209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042209	1	EPA8270
Phenanthrene	ug/L	< 1		042209	1	EPA8270
Anthracene	ug/L	< 1		042209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.5		042209	1	EPA8270
Fluoranthene	ug/L	< 1		042209	1	EPA8270
Pyrene	ug/L	< 1		042209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

[illegible] Reporting [illegible]

REMARKS: @No [illegible]

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

Lab No: 020290.03 Date: 05

GZA Environmental Services, Incorporated
100 Motor Avenue
Glen Cove, NY 11542
ATTN: Ross Miller PO#: 117

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COLLECTED: 04/17/02 RECEIVED: 04/17/02
TIME COLLECTED: 0920

MATRIX: Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	DIL.	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	9.6	#	042209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		042209	1	EPA8270
Benzo(b)Fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(k)Fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

< = Laboratory Reporting Limit

= Analyte detected @ 10 ug/L in method blank

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO: [illegible]

[illegible]

CC: Environmental Services, Incorporated
100 Motor Avenue
Glen Cove, NY 11542
ATTN: Ross Miller

PO#: 1117

SOURCE OF SAMPLE: Pelham Bay Landfill Groundwater
SOURCE OF SAMPLE:
SAMPLED BY: Client DATE COLLECTED:04/17/09 RECEIVED:04/17/09
TIME COLLECTED:0920
MATRIX:Water SAMPLE: MW 119

ANALYTICAL PARAMETERS:	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042209	1	EPA8270
2-Chlorophenol	ug/L	< 1		042209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
2-Nitrophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
4-Nitrophenol	ug/L	< 10		042209	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
Pentachlorophenol (ma)	ug/L	< 10		042209	10	EPA8270

LRL=Lowest Reporting Limit

[illegible]

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LAB No: 090400.03 05/04/09

ET, Environmental Services, Incorporated
500 Mamaroneck Avenue
Glen Cove, NY 11542
ATTN: Ross Mihler P0#: 1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COLL'D:04/17/09 RECEIVED:04/17/09
TIME COLL'D:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor	ug/L	< 0.05		042309	0.05	EPA608
Aldrin	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
p,p-DDE	ug/L	< 0.05		042309	0.05	EPA608
Dieldrin	ug/L	< 0.05		042309	0.05	EPA608
Endrin	ug/L	< 0.05		042309	0.05	EPA608
p,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
p,p-DDT	ug/L	< 0.1		042309	0.1	EPA608
Chlordane	ug/L	< 0.2		042309	0.2	EPA608
Toxaphene	ug/L	< 1		042309	1	EPA608
Endrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
a BHC	ug/L	< 0.05		042309	0.05	EPA608
b BHC	ug/L	< 0.05		042309	0.05	EPA608
d BHC	ug/L	< 0.05		042309	0.05	EPA608
Endosulfan I	ug/L	< 0.1		042309	0.1	EPA608

LRL=Laboratory Reporting Limit

REMARKS:

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB #: 050490-03 PAGE:

TO: [illegible] Environmental Services, Incorporated
[illegible] Marine Avenue
Glen Cove, NY 11542
ATTN: Ross Mehler P.O.#: 1117

SOURCE OF SAMPLE: Pelham Bay Landfill Groundwater
PURPOSE OF SAMPLE:
COLLECTED BY: Client DATE COLLECTED: 04/17/09 RECEIVED: 04/17/09
TIME COLLECTED: 0920
MATRIX: Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
Methoxychlor	ug/L	< 0.1		042309	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		042409	0.065	EPA608

[illegible] Laboratory Reporting Limit

[illegible] MAN/S:

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

[illegible]

GE Environmental Services, Incorporated
100 Myrtle Avenue
Glen Cove, NY 11542
ATTN: Ross Mehiar P.O.#: 3117

[illegible]

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
SAMPLED BY: Client DATE COLLECTED:04/17/09 DATE RECEIVED:04/17/09
TIME COLLECTED:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.02		042409	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		042409	0.01	EPA200.7
Arsenic as As	mg/L	0.032		042409	0.01	EPA200.7
Barium as Ba	mg/L	0.073		042409	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		042409	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		042409	0.01	EPA200.7
Calcium as Ca	mg/L	350		042409	4	EPA200.7
Chromium as Cr	mg/L	< 0.01		042409	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		042409	0.01	EPA200.7
Copper as Cu	mg/L	< 0.02		042409	0.02	EPA200.7
Iron as Fe	mg/L	1.9		042409	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		042409	0.01	EPA200.7
Magnesium as Mg	mg/L	920		042409	0.1	EPA200.7
Manganese as Mn	mg/L	0.14		042409	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.00005		042109	0.0002	EPA245.1
Nickel as Ni	mg/L	< 0.02		042409	0.02	EPA200.7
Potassium as K	mg/L	430		042409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042409	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		042409	0.01	EPA200.7
Sodium as Na	mg/L	8000		042409	200	EPA200.7
Thallium as Tl	mg/L	< 0.01		042409	0.01	EPA200.7
Vanadium as V	mg/L	< 0.01		042409	0.01	EPA200.7
Zinc as Zn	mg/L	0.06		042409	0.02	EPA200.7

[illegible]

[illegible]

[illegible]

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

[illegible] 991490.01 [illegible]

TL Environmental Services, Incorporated
100 [illegible] Avenue
Glen Cove, NY 11542
ATTN: Ross [illegible] PO#[illegible]

SOURCE OF SAMPLE: Pelham Bay Landfill Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/[illegible]
TIME COL'D:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042109	0.02	[illegible]
Ammonia as N	mg/L	0.2		042209	0.2	4500NH3C
Chloride as Cl	mg/L	19000		042209	1000	SM[illegible]
Nitrate as N	mg/L	< 0.5		042109	0.5	EPA [illegible]
Sulfate as SO4	mg/L	1900		042109	250	[illegible]
Tot Dissolved Solids	mg/L	27000		042209	100	SM2540C

[illegible] Laboratory Reporting [illegible]

[illegible]

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[illegible] 04 [illegible]

[illegible] Environmental Services, Incorporated
[illegible] Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler [illegible]

SOURCE OF SAMPLE: Pelham Bay Landfill Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/[illegible]
TIME COL'D:0920
MATRIX:Water SAMPLE: MW 119 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.02		042409	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		042409	0.01	EPA200.7
Arsenic as As	mg/L	0.018		042409	0.01	EPA200.7
Barium as Ba	mg/L	0.069		042409	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		042409	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		042409	0.01	EPA200.7
Calcium as Ca	mg/L	340		042409	4	EPA200.7
Chromium as Cr	mg/L	< 0.01		042409	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		042409	0.01	EPA200.7
Copper as Cu	mg/L	< 0.02		042409	0.02	EPA200.7
Iron as Fe	mg/L	0.67		042409	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		042409	0.01	EPA200.7
Magnesium as Mg	mg/L	890		042409	0.1	EPA200.7
Manganese as Mn	mg/L	0.32		042409	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.00025		042409	0.000[illegible]	EPA245.1
Nickel as Ni	mg/L	< 0.02		042409	0.02	EPA200.7
Potassium as K	mg/L	460		042409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042409	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		042409	0.01	EPA200.7
Sodium as Na	mg/L	8000		042409	2000	EPA200.7
Thallium as Tl	mg/L	< 0.01		042409	0.01	EPA200.7
Vanadium as V	mg/L	< 0.01		042409	0.01	EPA200.7
Zinc as Zn	mg/L	0.05		042409	0.02	EPA200.7

LRL=Laboratory Reporting Level

REMARKS: Filtered in the field.

DIRECTOR [illegible]

Analytical results relate to the samples as received by the laboratory

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO: [illegible] [illegible]

ST. Environmental Services, Incorporated
180 Morris Avenue
Glen Cove, NY 11542
ATTN: Dave Hubler PO#:[illegible]

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	DIL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	< 1		042009	1	EPA8260
Methylene Chloride	ug/L	< 1		042009	1	EPA8260
Acetone	ug/L	< 10		042009	10	EPA8260
Carbon disulfide	ug/L	< 1		042009	1	EPA8260
1,1-Dichloroethene	ug/L	< 1		042009	1	EPA8260
1,1-Dichloroethane	ug/L	< 1		042009	1	EPA8260
1,2-Dichloroethene	ug/L	< 2		042009	2	EPA8260
Chloroform	ug/L	< 1		042009	1	EPA8260
1,2-Dichloroethane	ug/L	< 1		042009	1	EPA8260
2-Butanone	ug/L	< 10		042009	10	EPA8260
111-Trichloroethane	ug/L	< 1		042009	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
Bromodichloromethane	ug/L	< 1		042009	1	EPA8260
1,2-Dichloropropane	ug/L	< 1		042009	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Trichloroethene	ug/L	< 1		042009	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042009	1	EPA8260
112-Trichloroethane	ug/L	< 1		042009	1	EPA8260
Benzene	ug/L	< 1		042009	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Bromoform	ug/L	< 1		042009	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

[illegible]

REMARKS:

DIRECTOR [illegible]

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 2041490.05 [illegible]

TT Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Sean Hibler PO#1107

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042009	10	EPA8260
Tetrachloroethene	ug/L	< 1		042009	1	EPA8260
Toluene	ug/L	< 1		042009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
Chlorobenzene	ug/L	< 1		042009	1	EPA8260
Ethyl Benzene	ug/L	< 1		042009	1	EPA8260
Styrene	ug/L	< 1		042009	1	EPA8260
o Xylene	ug/L	< 1		042009	1	EPA8260
m + p Xylene	ug/L	< 2		042009	2	EPA8260
Xylene	ug/L	< 3		042009	3	EPA8260

REMARKS:

METHODOLOGY SUMMARY FOR ALL METHODS

Semivolatile Organic Compounds by EPA 8270
Soil samples were extracted by Accelerated Solvent Extraction (EPA 3545), waters by Separatory Funnel Liquid-Liquid Extraction (EPA Method 3510C). Samples are injected in GC/MS with narrow-bore fused-silica capillary column. Mass spectra and retention time are utilized to identify compounds detected. Quanititation based on major ion relative to internal standard using five-point curve verified with continuing calibration standards.

Volatile Organic Compounds by EPA 8260
Soil samples were extracted Closed System Purge & Trap (EPA 5035), waters by (EPA Method 5030B). Samples are injected in GC/MS with narrow-bore fused-silica capillary column. Mass spectra and retention time are utilized to identify compounds detected. Quanititation based on major ion relative to internal standard using five-point curve verified with continuing calibration standards..

Pesticides & PCBs by EPA 608
Soil samples were extracted using ASE (EPA Method 3545), waters extracted by Liquid/Liquid Separatory Funnel (EPA Method 3510). Florisil Cleanup and Copper cleanup methods are used if required. Sample extracts are injected in to capillary column GC/ECD instrument. Samples are quantified vs the seven Aroclors recognized by EPA in the method. Results confirmed on second column.

Metals (total) by EPA 200.7
Soils are digested using acid digestion with heated block, method EPA 3050B; waters by acid digestion method EPA 3010A also using a heated block. Samples are then analyzed by ICP method EPA 6010B except Selenium which is analyzed by Graphite Furnace Method 7740.

Mercury by EPA 245.2
Both soil and water method utilize heated block digestion with carefully controlled temperature with acid and permanganate. Digestates are analyzed by Cold Vapor AA method using Perkin Elmer FIMS 100 dedicated mercury analyzer.

Cyanide,Cyanide Amenable by EPA 335.4
Samples are distilled manually with sulfuric acid and catalyst into sodium hydroxide solution absorber tube. This solution is then analyized by colorimetry on automated Technicon analyzer.

Sulfates by EPA ASD51602
Sulfate ion is converted to a barium sulfate suspension under controlled conditions. The resulting turbidity is determined by a spectrophotometer and compared to a curve prepared from standard sulfate solution.

TDS by SM2540C
A well mixed sample is filtered through a glass fiber filter. Filtrate is evaporated and dried to constant weight at 180C.

Ammonia by SM4500NH3C
Ammonia is determined potentiometrically using an ion selective electrolyte and a pH meter having a millivolt scanner or specific ion meter.

Nitrate by EPA 353.2
Filtered samples are passed through a column with copper-cadmium to reduce nitrate to nitrite. Nitrite is diazotized to form an azo dye which is measured colormetrically.

Chloride by SM184500CLB
Chloride is determined using the Argentometric Method. Potassium Chromate can indicate the end point of the Silver Nitrate titration of chloride.

SVOCs BY EPA METHOD 8270 - QC DELIVERABLES

EcoTest Labs

Conformance/Nonconformance Summary
8270

QC criteria were met for the following unless stated otherwise:
* Method blank
* MDL study
* Surrogate recoveries
* Matrix Spike & Matrix Spike Duplicate RPD
  Several compounds in the matrix spike were out of QC limits. See MS/MSD summary sheet.
  No recovery for 3,3'-dichlorobenzidine in MS/MSD.
* Reference sample
* Holding Time (USEPA SW846)
* Initial instrument calibration & continuing calibration
* GCMS Tune criteria
* Internal Standard Recovery

EcoTest Labs

Lab Chronicle

intstrument ran on	date rec'd	date col'd	Lab number	Sample	Date of Extraction	Holding Time Before Extraction (Days)	Date of Analysis	Holding Time After Extraction (Days)
svgcms#2	04/17/09	04/17/09	291490.01	MW-106	04/21/09	6	04/22/09	1
svgcms#2	04/17/09	04/17/09	291490.03	MW-119	04/21/09	6	04/22/09	1

EcoTest Labs

ANALYTICAL RESULTS SUMMARY

BNA - (8270)

Lab Number	Sample Volume	Dilution Factor	Run on Instrument	Column
291490.01	1L	1	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
291490.03	1L	1	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df

EcoTest Labs		
MDL / POL		
LIMITS		
Instrument : SVGCMS2		
water	MDL	POL
Compound	ug/L	ug/L
Bis(2-chloroethyl)ether	0.77	<1
1,3 Dichlorobenzene	0.14	<1
1,4 Dichlorobenzene	0.17	<1
1,2 Dichlorobenzene	0.17	<1
Bis(2-chloroisopropyl)ether	0.81	<1
N-nitroso-di-n-propylamine	0.94	<1
Hexachloroethane	0.16	<1
Nitrobenzene	0.68	<1
Isophorone	0.81	<1
Bis(2-chloroethoxy)methane	0.83	<1
1,2,4 Trichlorobenzene	0.15	<1
Naphthalene	0.30	<1
4 Chloroaniline	0.72	<1
Hexachlorobutadiene	0.15	<1
2 Methylnaphthalene	0.30	<1
2 Nitroaniline	0.45	<1
Hexachlorocyclopentadiene	4.94	<10
2 Chloronaphthalene	0.36	<1
Dimethylphthalate	0.37	<1
2,6 Dinitrotoluene	0.37	<1
Acenaphthylene	0.54	<1
3 Nitroaniline	0.50	<1
Acenaphthene	0.45	<1
Dibenzofuran	0.43	<1
2,4 Dinitrotoluene	0.37	<1
Diethylphthalate	0.39	<1
4 Chlorophenylphenyl ether	0.33	<1
Fluorene	0.38	<1
4 Nitroaniline	0.84	<1
N-Nitrosodiphenylamine	0.49	<1
4 Bromophenylphenyl ether	0.34	<1
Hexachlorobenzene	0.17	<1
Phenanthrene	0.30	<1
Anthracene	0.29	<1
Carbazole	0.48	<1
Di-n-butylphthalate	0.17	<1
Fluoranthene	0.35	<1
Pyrene	0.36	<1
Butylbenzylphthalate	0.17	<1
Bis(2-ethylhexyl)phthalate	0.66	<1
Benzo(a)anthracene	0.38	<1
Chrysene	0.41	<1
3,3'-Dichlorobenzidine	2.73	<10
Di-n-octyl phthalate	0.46	<1
Benzo(b)fluoranthene	0.31	<1
Benzo(k)fluoranthene	0.40	<1
Benzo(a)pyrene	0.32	<1
Dibenzo(a,h)anthracene	0.33	<1
Indeno(1,2,3-cd)pyrene	0.30	<1
Benzo(g,h,i)perylene	0.32	<1
Phenol	0.51	<1
2 Chlorophenol	0.68	<1
2 Methylphenol	0.66	<1
4 Methylphenol	0.61	<1
2,4 Dimethylphenol	0.45	<1
2 Nitrophenol	0.53	<1
2,4 Dichlorophenol	0.58	<1
4-chloro-3-methylphenol	0.55	<1
2,4,6 Trichlorophenol	0.66	<1
2,4,5 Trichlorophenol	0.50	<1
2,4 Dinitrophenol	2.93	<10
4 Nitrophenol	2.79	<10
4,6 Dinitro-2-methylphenol	0.24	<10
Pentachlorophenol	0.34	<10

4B

SEMIVOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

METHOD BLANK

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Lab File ID: 04220910.d Lab Sample ID: Method Blank

Instrument ID: SVGCMS2 Date Extracted: 04/21/09

Matrix: (soil/water) water Date Analyzed: 04/22/09

Level: (low/med) Time Analyzed: 2:03 PM

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	lab. control std	lab. control std	04220911.d	04/22/09
02	291475.01	291475.01	04220912.d	04/22/09
03	MS 291475.03	MS 291475.03	04220913.d	04/22/09
04	MSD 291475.05	MSD 291475.05	04220914.d	04/22/09
05	291490.01	291490.01	04220925.d	04/22/09
06	291490.03	291490.03	04220926.d	04/22/09
07				
08				
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COMMENTS:

EcoTest Labs

Date Time Summary

Sample	Date	Time	SampleType	Run on Instrument	GC Column
DFTPP	02/19/09	10:47 AM	DFTPP Tune Check	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bz std 30 ppb s08-2	02/19/09	2:00 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bz std 10 ppb s08-2	02/19/09	2:38 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bz std 50 ppb s08-2	02/19/09	3:14 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bz std 60 ppb s08-2	02/19/09	3:51 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bz std 80 ppb s08-2	02/19/09	4:28 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bz std 30 ppb s08-2	02/19/09	5:04 PM	curve check standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
DFTPP	04/17/09	1:23 PM	DFTPP Tune Check	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 20 ppb s08-2	04/17/09	1:33 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 1 ppb s08-2	04/17/09	2:10 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 10 ppb s08-2	04/17/09	2:47 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 40 ppb s08-2	04/17/09	3:24 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 50 ppb s08-2	04/17/09	4:01 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 60 ppb s08-2	04/17/09	4:38 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 80 ppb s08-2	04/17/09	5:15 PM	curve standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 20 ppb s08-2	04/17/09	5:52 PM	curve check standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
DFTPP	04/22/09	9:07 AM	DFTPP Tune Check	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bz std 30 ppb s08-2	04/22/09	9:16 AM	continuing calibration standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 40 ppb s08-2	04/22/09	10:28 AM	continuing calibration standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 1 ppb s08-2	04/22/09	11:04 AM	detection limit standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 10 ppb s08-2	04/22/09	11:40 AM	detection limit standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bz std 10 ppb s08-2	04/22/09	12:15 PM	detection limit standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna method blank-water	04/22/09	2:03 PM	method blank	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna lcs+30+50 cc09-1	04/22/09	2:39 PM	laboratory control std	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna 291475.01*1	04/22/09	3:14 PM	sample	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna 291475.03 MS+30+50, cc09-1	04/22/09	3:51 PM	matrix spike	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna 291475.04 MSD+30+50, cc09-1	04/22/09	4:26 PM	matrix spike duplicate	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
DFTPP	04/22/09	8:14 PM	DFTPP Tune Check	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bz std 30 ppb s08-2	04/22/09	8:22 PM	continuing calibration standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna std 40 ppb s08-2	04/22/09	8:57 PM	continuing calibration standard	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna 291490.01*1	04/22/09	10:41 PM	sample	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df
bna 291490.03*1	04/22/09	11:16 PM	sample	svgcms#2	Rxi-5ms, 30m, 0.25mmID, .25um df

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ECOTEST LABS Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

	EPA SAMPLE NO.	S1 ND5 #	S2 2FB #	S3 TD14 #	S4 2FP #	S5 PHL #	S6 TBP #	#	#	TOT OUT
01	Method Blank	71	83	91	85	91	91			
02	Lab. Control Std	72	80	85	72	77	87			
03	291475.01*1	14	22	24	60	41	103			
04	ms291475.03+30+50, cc09-1	13	22	32	57	41	104			
05	msd291475.05+30+50, cc09-1	45	48	60	53	37	99			
06	291490.01*1	26	38	47	53	38	96			
07	291490.03*1	22	31	37	54	39	94			
08										
09										
10										
11										
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	QC LIMITS
S1 ND5 = NITROBENZENE-D5	(9-115)
S2 2FB = 2-FLUOROBIPHENYL	(16-116)
S3 TD14 = TERPHENYL-D14	(24-100)
S4 2FP = 2-FLUOROPHENOL	(0-94)
S5 PHL = PHENOL-D6	(0-98)
S6 TBP = 2,4,6-TRIBROMOPHENOL	(25-131)

Column to be used to flag recovery values

* Values outside of contract required QC limits
D Surrogate diluted out

3/90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ECOTEST LABS Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): 02190907.d Date Analyzed: 2/19/09

Instrument ID: SVGCMS2 Time Analyzed: 2:00 PM

		IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
	12 HOUR STD	1820003	6.69	4452400	8.36	2370596	10.73
	UPPER LIMIT	3640006	7.19	8904800	8.86	4741192	11.23
	LOWER LIMIT	910002	6.19	2226200	7.86	1185298	10.23
	EPA SAMPLE NO.						
01	bz std 10 ppb	1700689	6.70	4235194	8.37	2240523	10.73
02	bz std 50 ppb s08-2	1612911	6.70	4035041	8.37	2118576	10.73
03	bz std 60 ppb s08-2	1167696	6.70	2943129	8.37	1520670	10.73
04	bz std 80 ppb s08-2	1191050	6.69	2957593	8.37	1582666	10.73
05	bz std 30 ppb s08-2	1651844	6.69	4204117	8.37	2229740	10.73
06							
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IS1 = 1,4-DICHLOROBENZENE-d4 INT. STD.
IS2 = NAPHTHALENE-d8 INT. STD.
IS3 = ACENAPHTHENE-d10 INT. STD.

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ECOTEST LABS Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): 02190907.d Date Analyzed: 2/19/09

Instrument ID: SVGCMS2 Time Analyzed: 2:00 PM

		IS4 AREA #	RT #	IS5 AREA #	RT #	IS6 AREA #	RT #
	12 HOUR STD	3873238	12.71	3657301	17.67	2525343	21.39
	UPPER LIMIT	7746476	13.21	7314602	18.17	5050686	21.89
	LOWER LIMIT	1936619	12.21	1828651	17.17	1262672	20.89
	EPA SAMPLE NO.						
01	bz std 10 ppb s08-2	3668383	12.71	3485425	17.67	2377109	21.38
02	bz std 50 ppb s08-2	3500688	12.71	3320905	17.67	2325739	21.38
03	bz std 60 ppb s08-2	2457569	12.70	2320233	17.66	1602196	21.38
04	bz std 80 ppb s08-2	2548398	12.71	2359103	17.66	1647813	21.38
05	bz std 30 ppb s08-2	3591822	12.71	3450549	17.66	2359773	21.38
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IS4 = PHENANTHRENE-d10 INT. STD.
IS5 = CHRYSENE-d12 INT. STD.
IS6 = PERYLENE-d12 INT. STD.

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ECOTEST LABS Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): 04170907.d Date Analyzed: 4/17/09

Instrument ID: SVGCMS2 Time Analyzed: 1:33 PM

		IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
	12 HOUR STD	2341191	6.64	5281612	8.31	2836496	10.67
	UPPER LIMIT	4682382	7.14	10563224	8.81	5672992	11.17
	LOWER LIMIT	1170596	6.14	2640806	7.81	1418248	10.17
	EPA SAMPLE NO.						
01	bna std 1 ppb s08-2	2187872	6.65	5519913	8.31	3018280	10.67
02	bna std 10 ppb s08-2	2192530	6.64	5269393	8.30	2803852	10.67
03	bna std 40 ppb s08-2	1596142	6.64	3469116	8.30	1812020	10.67
04	bna std 50 ppb s08-2	1673701	6.65	3336168	8.31	1818508	10.67
05	bna std 60 ppb s08-2	1741569	6.65	3372763	8.31	1849427	10.67
06	bna std 80 ppb s08-2	1931946	6.64	3508100	8.32	1872330	10.67
07	bna std 20 ppb s08-2	2079042	6.64	4825930	8.31	2640881	10.68
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IS1 = 1,4-DICHLOROBENZENE-d4 INT. STD.
IS2 = NAPHTHALENE-d8 INT. STD.
IS3 = ACENAPHTHENE-d10 INT. STD.

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ECOTEST LABS Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): 04170907.d Date Analyzed: 4/17/09

Instrument ID: SVGCMS2 Time Analyzed: 1:33 PM

		IS4 AREA #	RT #	IS5 AREA #	RT #	IS6 AREA #	RT #
	12 HOUR STD	4534975	12.65	4101764	17.57	2683698	21.27
	UPPER LIMIT	9069950	13.15	8203528	18.07	5367396	21.77
	LOWER LIMIT	2267488	12.15	2050882	17.07	1341849	20.77
	EPA SAMPLE NO.						
01	bna std 1 ppb s08-2	4611630	12.64	4117195	17.56	3056425	21.27
02	bna std 10 ppb s08-2	4546396	12.64	4031548	17.56	2957367	21.27
03	bna std 40 ppb s08-2	2873358	12.64	2502037	17.56	1578570	21.26
04	bna std 50 ppb s08-2	2942857	12.65	2533372	17.57	1602909	21.27
05	bna std 60 ppb s08-2	2897791	12.65	2485054	17.57	1609306	21.27
06	bna std 80 ppb s08-2	3047211	12.65	2625091	17.58	1688239	21.27
07	bna std 20 ppb s08-2	4175948	12.65	3749411	17.57	2431869	21.28
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IS4 = PHENANTHRENE-d10 INT. STD.
IS5 = CHRYSENE-d12 INT. STD.
IS6 = PERYLENE-d12 INT. STD.

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ECOTEST LABS Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): 04220904.d Date Analyzed: 4/22/09

Instrument ID: SVGCMS2 Time Analyzed: 10:28 AM

		IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
	12 HOUR STD	1622780	6.66	3440878	8.33	1783849	10.69
	UPPER LIMIT	3245560	7.16	6881756	8.83	3567698	11.19
	LOWER LIMIT	811390	6.16	1720439	7.83	891925	10.19
	EPA SAMPLE NO.						
01	bz std 30 ppb s08-2	1746401	6.67	4615576	8.33	2288908	10.70
02	bna std 1 ppb s08-2	1589471	6.67	3903751	8.33	2032560	10.70
03	bna std 10 ppb s08-2	1941729	6.67	4723400	8.33	2464479	10.70
04	bz std 10 ppb s08-2	1203112	6.67	2968942	8.33	1576131	10.69
05	bna method blank	1136186	6.67	2830464	8.33	1493375	10.69
06	bna lcs+30+50 cc09-1	1232624	6.67	2677786	8.33	1414066	10.69
07	bna smp 475.01*1	1048837	6.66	2538377	8.32	1305259	10.69
08	bna ms475.03+30+50 cc09-1	1006241	6.67	2465000	8.33	1358027	10.70
09	bna msd475.05+30+50 cc09-1	962003	6.67	2299688	8.33	1175694	10.69
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IS1 = 1,4-DICHLOROBENZENE-d4 INT. STD.
IS2 = NAPHTHALENE-d8 INT. STD.
IS3 = ACENAPHTHENE-d10 INT. STD.

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ECOTEST LABS Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): 04220904.d Date Analyzed: 4/22/09

Instrument ID: SVGCMS2 Time Analyzed: 10:28 AM

		IS4 AREA #	RT #	IS5 AREA #	RT #	IS6 AREA #	RT #
	12 HOUR STD	2790031	12.67	2589929	17.60	1829704	21.31
	UPPER LIMIT	5580062	13.17	5179858	18.10	3659408	21.81
	LOWER LIMIT	1395016	12.17	1294965	17.10	914852	20.81
	EPA SAMPLE NO.						
01	bz std 30 ppb s08-2	3472566	12.67	3015361	17.60	1843237	21.31
02	bna std 1 ppb s08-2	3254431	12.67	2755822	17.60	1983300	21.30
03	bna std 10 ppb s08-2	3994658	12.67	3576931	17.61	2589535	21.31
04	bz std 10 ppb s08-2	2475036	12.67	2181671	17.60	1441757	21.31
05	bna method blank	2388793	12.67	2003506	17.60	1202002	21.31
06	bna lcs+30+50 cc09-1	2261436	12.68	1999975	17.61	1275620	21.31
07	bna smp 475.01*1	1935419	12.67	1668628	17.61	1076736	21.32
08	bna ms475.03+30+50 cc09-1	1930634	12.68	1682557	17.61	1083981	21.32
09	bna msd475.05+30+50 cc09-1	1777150	12.68	1514390	17.60	994868	21.32
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IS4 = PHENANTHRENE-d10 INT. STD.
IS5 = CHRYSENE-d12 INT. STD.
IS6 = PERYLENE-d12 INT. STD.

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ECOTEST LABS Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): 04220922.d Date Analyzed: 4/22/09

Instrument ID: SVGCMS2 Time Analyzed: 8:57 PM

		IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
	12 HOUR STD	1480865	6.68	3154796	8.34	1666596	10.70
	UPPER LIMIT	2961730	7.18	6309592	8.84	3333192	11.20
	LOWER LIMIT	740433	6.18	1577398	7.84	833298	10.20
	EPA SAMPLE NO.						
01	bz std 30 ppb s08-2	1524036	6.67	3869788	8.34	2063356	10.70
02	bna smp 490.01*1	1023506	6.67	2576004	8.33	1304630	10.70
03	bna smp 490.03*1	1109484	6.68	2872381	8.33	1465321	10.69
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IS1 = 1,4-DICHLOROBENZENE-d4 INT. STD.
IS2 = NAPHTHALENE-d8 INT. STD.
IS3 = ACENAPHTHENE-d10 INT. STD.

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ECOTEST LABS Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): 04220922.d Date Analyzed: 4/22/09

Instrument ID: SVGCMS2 Time Analyzed: 8:57 PM

		IS4 AREA #	RT #	IS5 AREA #	RT #	IS6 AREA #	RT #
	12 HOUR STD	2621532	12.68	2310736	17.62	1535373	21.32
	UPPER LIMIT	5243064	13.18	4621472	18.12	3070746	21.82
	LOWER LIMIT	1310766	12.18	1155368	17.12	767687	20.82
	EPA SAMPLE NO.						
01	bz std 30 ppb s08-2	3031450	12.68	2689504	17.62	1615926	21.32
02	bna smp 490.01*1	2002534	12.68	1690257	17.61	1070943	21.33
03	bna smp 490.03*1	2247173	12.68	1995372	17.61	1237256	21.32
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IS4 = PHENANTHRENE-d10 INT. STD.
IS5 = CHRYSENE-d12 INT. STD.
IS6 = PERYLENE-d12 INT. STD.

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Lab File ID: 02190901.d DFTPP Injection Date: 2/19/09

Instrument ID: svgcms2 DFTPP Injection TIme: 10:47 AM

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	37.9
68	Less than 2.0% of mass 69	0.0 ( )1
69	Mass 69 relative abundance	55.0
70	Less than 2.0% of mass 69	0.3 ( )1
127	40.0 - 60.0% of mass 198	55.4
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100 % relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	17.0
365	Greater than 1% of mass 198	1.6
441	Present, but less than mass 443	72.8
442	40.0 - 100.0% of mass 198	51.6
443	17.0 - 23.0% of mass 442	19.1 ( )2

1-Value is % mass 69 2-Value is % mass 442

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	bz std 30 ppb	bz std 30 ppb	02190907.d	02/19/09	2:00 PM
02	bz std 10 ppb	bz std 10 ppb	02190908.d	02/19/09	2:38 PM
03	bz std 50 ppb	bz std 50 ppb	02190909.d	02/19/09	3:14 PM
04	bz std 60 ppb	bz std 60 ppb	02190910.d	02/19/09	3:51 PM
05	bz std 80 ppb	bz std 80 ppb	02190911.d	02/19/09	4:28 PM
06	bz std 30 ppb	bz std 30 ppb	02190912.d	02/19/09	5:04 PM
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Lab File ID: 04170906.d DFTPP Injection Date: 4/17/09

Instrument ID: svgcms2 DFTPP Injection Time: 1:23 PM

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	38.7
68	Less than 2.0% of mass 69	0.0 ( )1
69	Mass 69 relative abundance	59.5
70	Less than 2.0% of mass 69	0.6 ( )1
127	25.0 - 75.0% of mass 198	57.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	16.1
365	Greater than 0.75% of mass 198	1.5
441	Present, but less than mass 443	72.0
442	40.0 - 110.0% of mass 198	48.7
443	15.0 - 24.0% of mass 442	19.4 ( )2

1-Value is % mass 69 2-Value is % mass 442

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	bna std 20 ppb	bna std 20 ppb	04170907.d	4/17/09	1:33 PM
02	bna std 1 ppb	bna std 1 ppb	04170908.d	4/17/09	2:10 PM
03	bna std 10 ppb	bna std 10 ppb	04170909.d	4/17/09	2:47 PM
04	bna std 40 ppb	bna std 40 ppb	04170910.d	4/17/09	3:24 PM
05	bna std 50 ppb	bna std 50 ppb	04170911.d	4/17/09	4:01 PM
06	bna std 60 ppb	bna std 60 ppb	04170912.d	4/17/09	4:38 PM
07	bna std 80 ppb	bna std 80 ppb	04170913.d	4/17/09	5:15 PM
08	bna std 20 ppb	bna std 20 ppb	04170914.d	4/17/09	5:52 PM
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Lab File ID: 04220901.d DFTPP Injection Date: 4/22/09

Instrument ID: svgcms2 DFTPP Injection Time: 9:07 AM

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	41.0
68	Less than 2.0% of mass 69	0.0 ( )1
69	Mass 69 relative abundance	61.6
70	Less than 2.0% of mass 69	0.5 ( )1
127	25.0 - 75.0% of mass 198	58.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	16.2
365	Greater than 0.75% of mass 198	1.5
441	Present, but less than mass 443	69.3
442	40.0 - 110.0% of mass 198	48.0
443	15.0 - 24.0% of mass 442	19.8 ( )2

1-Value is % mass 69 2-Value is % mass 442

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	bz std 30 ppb	bz std 30 ppb	04220902.d	4/22/09	9:16 AM
02	bna std 40 ppb	bna std 40 ppb	04220904.d	4/22/09	10:28 AM
03	bna std 1 ppb	bna std 1 ppb	04220905.d	4/22/09	11:04 AM
04	bna std 10 ppb	bna std 10 ppb	04220906.d	4/22/09	11:40 AM
05	bz std 10 ppb	bz std 10 ppb	04220907.d	4/22/09	12:15 PM
06	bna method blank	bna method blank	04220910.d	4/22/09	2:03 PM
07	bna lcs+30+50 water	bna lcs+30+50 water	04220911.d	4/22/09	2:39 PM
08	291475.01*1	291475.01*1	04220912.d	4/22/09	3:14 PM
09	ms291475.03+30+50	ms291475.03+30+50	04220913.d	4/22/09	3:51 PM
10	msd291475.05+30+50	msd291475.05+30+50	04220914.d	4/22/09	4:26 PM
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ECOTEST LABS Contract:

Project No.: Site: Location: Group:

Lab File ID: 04220920.d DFTPP Injection Date: 4/22/09

Instrument ID: svgcms2 DFTPP Injection Time: 8:14 PM

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	36.8
68	Less than 2.0% of mass 69	0.0 ( )1
69	Mass 69 relative abundance	56.6
70	Less than 2.0% of mass 69	0.6 ( )1
127	25.0 - 75.0% of mass 198	56.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	17.1
365	Greater than 0.75% of mass 198	1.7
441	Present, but less than mass 443	69.5
442	40.0 - 110.0% of mass 198	57.3
443	15.0 - 24.0% of mass 442	19.5 ( )2

1-Value is % mass 69 2-Value is % mass 442

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	bz std 30 ppb	bz std 30 ppb	04220921.d	4/22/09	8:22 PM
02	bna std 40 ppb	bna std 40 ppb	04220922.d	4/22/09	8:57 PM
03	291490.01*1	291490.01*1	04220925.d	4/22/09	10:41 PM
04	291490.03*1	291490.03*1	04220926.d	4/22/09	11:16 PM
05					
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Summary of Matrix Spike Matrix Spike Duplicate Results

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
NORTH BABYLON, NY 11703

Client Name:	ST	Analyst:	M. Henehan
Sample Lab Numbers:	291490.01 & .03	Method:	8270
Date Sample(s) Received:	4/17/09	Analyte:	bna
Date(s) of Analysis:	4/22/09	Matrix:	water

Units = ug/L.(water)

SVGCMS2

COMPOUNDS	bna smp 04220912.d	Spike Conc.	bna ms 04220913.d	% Rec	bna msd 04220914.d	% Rec	%rpd	limits rec	limits rpd
Bis(2-chloroethyl)ether	0	30	4.0	13	15.6	52	118	16-103	97
1,3 Dichlorobenzene	0	30	4.2	14	10.4	35	86	10-98	116
1,4 Dichlorobenzene	0	30	4.1	14	11.2	37	92	10-101	117
1,2 Dichlorobenzene	0	30	4.4	15	11.0	37	87	10-104	109
Bis(2-chloroisopropyl)ether	0	30	5.3	18	16.0	53	100	10-107	126
N-nitroso-di-n-propylamine	0	30	5.6	19	16.9	56	100	19-121	71
Hexachloroethane	0	30	4.5	15	10.3	34	79	10-99	117
Nitrobenzene	0	30	4.0	13	13.5	45	109	15-104	84
Isophorone	0	30	4.8	16	15.5	52	106	18-117	65
Bis(2-chloroethoxy)methane	0	30	4.6	15	15.4	51	108	19-114	74
1,2,4 Trichlorobenzene	0	30	5.1	17	12.2	41	82	10-105	87
Naphthalene	0	30	5.5	18	13.3	44	83	5.1-142	93
4 Chloroaniline	0	30	1.0	3	14.5	48	174	25-132	68
Hexachlorobutadiene	0	30	4.8	16	11.0	37	78	10-109	94
2 Methylnaphthalene	0	30	8.6	29	18.5	62	73	11-166	91
2 Nitroaniline	0	30	6.3	21	20.3	68	105	27-137	50
Hexachlorocyclopentadiene	0	30	3.6	12	9.7	32	92	10-74	98
2 Chloronaphthalene	0	30	6.7	22	16.2	54	83	13-116	68
Dimethylphthalate	0	30	5.1	17	15.8	53	103	10-139	196
2,6 Dinitrotoluene	0	30	5.9	20	18.8	63	104	33-113	56
Acenaphthylene	0	30	7.1	24	17.7	59	85	4.4-154	118
3 Nitroaniline	0	30	5.0	17	19.5	65	118	29-171	52
Acenaphthene	0	30	7.3	24	17.3	58	82	22-141	85
Dibenzofuran	0	30	8.7	29	21.0	70	83	30-123	60
2,4 Dinitrotoluene	0	30	5.6	19	18.1	60	105	40-132	48
Diethylphthalate	0	30	6.8	23	16.9	56	85	10-136	94
4 Chlorophenylphenyl ether	0	30	7.5	25	17.9	60	82	31-119	54
Fluorene	0	30	7.4	25	18.9	63	88	26-139	85
4 Nitroaniline	0	30	11.2	37	26.6	89	82	58-224	45
N-Nitrosodiphenylamine	0	30	10.7	36	19.4	65	58	29-118	47
4 Bromophenylphenyl ether	0	30	9.5	32	20.4	68	73	32-125	53
Hexachlorobenzene	0	30	8.4	28	18.3	61	74	37-122	48
Phenanthrene	0	30	8.7	29	18.8	63	73	25-146	85
Anthracene	0	30	8.9	30	18.3	61	69	25-146	85
Carbazole	0	30	8.0	27	19.7	66	84	41-150	43
Di-n-butylphthalate	1.59	30	10.9	31	21.1	65	71	28-132	36

Summary of Matrix Spike Matrix Spike Duplicate Results

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
NORTH BABYLON, NY 11703

Client Name:	ST	Analyst:	M. Henehan
Sample Lab Numbers:	291490.01 & .03	Method:	8270
Date Sample(s) Received:	4/17/09	Analyte:	bna
Date(s) of Analysis:	4/22/09	Matrix:	water

Units = ug/L.(water)
SVGCMS2

COMPOUNDS	bna smp 04220912.d	Spike Conc.	bna ms 04220913.d	% Rec	bna msd 04220914.d	% Rec	%rpd	limits rec	limits rpd
Fluoranthene	0	30	8.7	29	18.5	62	72	25-143	86
Pyrene	0	30	9.2	31	20.2	67	75	26-146	84
Butylbenzylphthalate	0	30	9.4	31	20.8	69	76	37-141	36
Bis(2-ethylhexyl)phthalate	10.27	30	18.9	29	28.1	59	70	17-157	44
Benzo(a)anthracene	0	30	8.87	30	18.84	63	72	27-146	83
Chrysene	0	30	9.01	30	19.01	63	71	27-145	84
3,3' Dichlorobenzidine	0	50	0.00	0	0.00	0	0	0-150	199
Di-n-octyl phthalate	0	30	12.00	40	22.07	74	59	36-158	43
Benzo(b)fluoranthene	0	30	9.19	31	19.85	66	73	25-136	86
Benzo(k)fluoranthene	0	30	8.56	29	20.73	69	83	0-182	86
Benzo(a)pyrene	0	30	8.71	29	18.69	62	73	26-147	87
Dibenzo(a,h)anthracene	0	30	7.87	26	17.06	57	74	17-152	89
Indeno(1,2,3-cd)pyrene	0	30	7.77	26	16.79	56	73	17-154	88
Benzo(g,h,i)perylene	0	30	7.55	25	16.47	55	74	15-156	87
Phenol	0	50	20.02	40	18.05	36	10	7.3-55	43
2 Chlorophenol	0	50	46.17	92	37.91	76	20	39-95	16
2 Methylphenol	0	50	46.47	93	40.15	80	15	34-80	21
4 Methylphenol	0	50	44.62	89	36.45	73	20	31-82	21
2,4 Dimethylphenol	0	50	63.70	127	53.61	107	17	35-118	26
2 Nitrophenol	0	50	41.15	82	35.72	71	14	0-59	274
2,4 Dichlorophenol	0	50	48.00	96	40.10	80	18	46-101	24
4-chloro-3-methylphenol	0	50	49.67	99	42.22	84	16	49-102	17
2,4,6 Trichlorophenol	0	50	46.13	92	43.82	88	5	58-101	21
2,4,5 Trichlorophenol	0	50	50.47	101	47.05	94	7	58-103	14
2,4 Dinitrophenol	0	50	47.56	95	44.94	90	6	25-140	35
4 Nitrophenol	0	50	15.33	31	13.72	27	11	1.5-59	58
4,6 Dinitro-2-methylphenol	0	50	57.29	115	48.66	97	16	52-132	24
Pentachlorophenol	0	50	57.47	115	48.80	98	16	51-123	28

Summary of Laboratory Control Standard

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
NORTH BABYLON, NY 11703

Client Name:	ST	Analyst:	M. Henehan
Sample Lab Numbers:	291490.01 & .03	Method:	8270
Date Sample(s) Received:	4/17/09	Analyte:	bna
Date(s) of Analysis:	4/22/09	Matrix:	water

Units = ug/L.(water)

SVGCMS2	04220910.d			04220911.d
COMPOUNDS	Lab Blank	True Value	Accept. Range	%R
Bis(2-chloroethyl)ether	<1	30	18-121	71
1,3 Dichlorobenzene	<1	30	0-125	72
1,4 Dichlorobenzene	<1	30	2-123	76
1,2 Dichlorobenzene	<1	30	2-123	71
Bis(2-chloroisopropyl)ether	<1	30	17-137	76
N-nitroso-di-n-propylamine	<1	30	29-135	83
Hexachloroethane	<1	30	0-125	73
Nitrobenzene	<1	30	17-122	72
Isophorone	<1	30	21-129	82
Bis(2-chloroethoxy)methane	<1	30	21-133	78
1,2,4 Trichlorobenzene	<1	30	8-115	76
Naphthalene	<1	30	44-117	76
4 Chloroaniline	<1	30	5-176	116
Hexachlorobutadiene	<1	30	0-110	72
2 Methylnaphthalene	<1	30	59-142	96
2 Nitroaniline	<1	30	21-164	99
Hexachlorocyclopentadiene	<10	30	0-117	60
2 Chloronaphthalene	<1	30	18-134	93
Dimethylphthalate	<1	30	0-156	84
2,6 Dinitrotoluene	<1	30	31-144	85
Acenaphthylene	<1	30	60-120	85
3 Nitroaniline	<1	30	6-249	141
Acenaphthene	<1	30	59-120	87
Dibenzofuran	<1	30	23-159	99
2,4 Dinitrotoluene	<1	30	37-138	88
Diethylphthalate	<1	30	19-138	83
4 Chlorophenylphenyl ether	<1	30	31-133	86
Fluorene	<1	30	65-118	91
4 Nitroaniline	<1	30	0-361	164
N-Nitrosodiphenylamine	<1	30	34-128	82
4 Bromophenylphenyl ether	<1	30	30-138	86
Hexachlorobenzene	<1	30	31-134	84
Phenanthrene	<10	30	70-123	87
Anthracene	<1	30	70-122	85
Carbazole	<1	30	11-202	90
Di-n-butylphthalate	<1	30	42-136	86

Summary of Laboratory Control Standard

ECOTEST LABORATORIES, INC.
377 SHEFFIELD AVENUE
NORTH BABYLON, NY 11703

Client Name:	ST	Analyst:	M. Henehan
Sample Lab Numbers:	291490.01 & .03	Method:	8270
Date Sample(s) Received:	4/17/09	Analyte:	bna
Date(s) of Analysis:	4/22/09	Matrix:	water

Units = ug/L (water)

SVGCMS2	04220910.d			04220911.d
COMPOUNDS	Lab Blank	True Value	Accept. Range	%R
Fluoranthene	<1	30	69-121	84
Pyrene	<1	30	76-122	88
Butylbenzylphthalate	<1	30	34-146	85
Bis(2-ethylhexyl)phthalate	<1	30	37-152	80
Benzo(a)anthracene	<1	30	81-119	86
Chrysene	<1	30	77-119	85
3,3' Dichlorobenzidine	<10	50	34-130	91
Di-n-octyl phthalate	<1	30	43-145	84
Benzo(b)fluoranthene	<1	30	61-126	87
Benzo(k)fluoranthene	<1	30	5-188	82
Benzo(a)pyrene	<1	30	66-129	84
Dibenzo(a,h)anthracene	<1	30	61-135	74
Indeno(1,2,3-cd)pyrene	<1	30	62-135	75
Benzo(g,h,i)perylene	<1	30	59-137	73
Phenol	<1	50	0-87	74
2 Chlorophenol	<1	50	11-117	74
2 Methylphenol	<1	50	0-118	81
4 Methylphenol	<1	50	0-107	80
2,4 Dimethylphenol	<1	50	0-145	105
2 Nitrophenol	<1	50	0-106	72
2,4 Dichlorophenol	<1	50	25-111	78
4-chloro-3-methylphenol	<1	50	27-110	83
2,4,6 Trichlorophenol	<1	50	32-122	79
2,4,5 Trichlorophenol	<1	50	29-132	86
2,4 Dinitrophenol	<10	50	0-171	61
4 Nitrophenol	<10	50	0-107	66
4,6 Dinitro-2-methylphenol	<10	50	38-142	79
Pentachlorophenol	<10	50	30-145	74

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Method Blank

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: Method blank

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220910.d

Level: (low/med) Date Received:

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	U
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Method Blank

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: Method blank

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220910.d

Level: (low/med) Date Received:

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
120-12-7	Anthracene	1.00	ug/L	U
86-74-8	Carbazole	1.00	ug/L	U
84-74-2	Di-n-Butyl Phthalate	1.00	ug/L	U
206-44-0	Fluoranthene	1.00	ug/L	U
129-00-0	Pyrene	1.00	ug/L	U
85-68-7	BenzylButylPhthalate	1.00	ug/L	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.00	ug/L	U
56-55-3	Benzo(a)anthracene	1.00	ug/L	U
218-01-9	Chrysene	1.00	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U
50-32-8	Benzo(a)pyrene	1.00	ug/L	U
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U
108-95-2	Phenol	1.00	ug/L	U
95-57-8	2-Chlorophenol	1.00	ug/L	U
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U
88-75-5	2-Nitrophenol	1.00	ug/L	U
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U
100-02-7	4-Nitrophenol	10.0	ug/L	U
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Control Std

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: Lab Control Std

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220911.d

Level: (low/med) Date Received:

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	21.4	ug/L	
541-73-1	1,3 Dichlorobenzene(sv)	21.6	ug/L	
106-46-7	1,4 Dichlorobenzene(sv)	22.7	ug/L	
95-50-1	1,2 Dichlorobenzene(sv)	21.3	ug/L	
108-60-1	Bis(2-chloroisopropyl)ether	22.8	ug/L	
621-64-7	N-Nitrosodi-n-propylamine	25.0	ug/L	
67-72-1	Hexachloroethane	21.8	ug/L	
98-95-3	Nitrobenzene	21.7	ug/L	
78-59-1	Isophorone	24.5	ug/L	
111-91-1	Bis(2-chloroethoxy)methane	23.4	ug/L	
120-82-1	124-Trichlorobenzene (sv)	22.7	ug/L	
91-20-3	Naphthalene(sv)	22.8	ug/L	
106-47-8	4-Chloroaniline	34.7	ug/L	
87-68-3	Hexachlorobutadiene	21.5	ug/L	
91-57-6	2-Methylnaphthalene	28.7	ug/L	
88-74-4	2-Nitroaniline	29.6	ug/L	
77-47-4	Hexachlorocyclopentadiene	18.0	ug/L	
91-58-7	2-Chloronaphthalene	25.0	ug/L	
131-11-3	Dimethyl Phthalate	25.1	ug/L	
606-20-2	2,6-Dinitrotoluene	25.6	ug/L	
208-96-8	Acenaphthylene	25.5	ug/L	
99-09-2	3-Nitroaniline	42.4	ug/L	
83-32-9	Acenaphthene	26.1	ug/L	
132-64-9	Dibenzofuran	29.7	ug/L	
121-14-2	2,4-Dinitrotoluene	26.5	ug/L	
84-66-2	Diethyl Phthalate	24.8	ug/L	
7005-72-3	4-Chlorophenyl phenyl ether	25.7	ug/L	
86-73-7	Fluorene	27.2	ug/L	
100-01-6	4-Nitroaniline	49.3	ug/L	
86-30-6	N-Nitrosodiphenylamine	24.5	ug/L	
101-55-3	4-Bromophenyl phenyl ether	25.8	ug/L	
118-74-1	Hexachlorobenzene	25.1	ug/L	
85-01-8	Phenanthrene	26.0	ug/L	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Control Std

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: Lab Control Std

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220911.d

Level: (low/med) Date Received:

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q
120-12-7	Anthracene	25.6	ug/L	
86-74-8	Carbazole	27.1	ug/L	
84-74-2	Di-n-Butyl Phthalate	25.9	ug/L	
206-44-0	Fluoranthene	25.1	ug/L	
129-00-0	Pyrene	26.5	ug/L	
85-68-7	BenzylButylPhthalate	25.6	ug/L	
117-81-7	Bis(2-ethylhexyl)phthalate	24.1	ug/L	
56-55-3	Benzo(a)anthracene	25.7	ug/L	
218-01-9	Chrysene	25.4	ug/L	
91-94-1	3,3'-Dichlorobenzidine	45.5	ug/L	
117-84-0	Di-n-octyl Phthalate	25.2	ug/L	
205-99-2	Benzo(b)fluoranthene	26.2	ug/L	
207-08-9	Benzo(k)fluoranthene	24.5	ug/L	
50-32-8	Benzo(a)pyrene	25.3	ug/L	
53-70-3	Dibenzo(a,h)anthracene	22.3	ug/L	
193-39-5	Indeno(1,2,3-cd)pyrene	22.5	ug/L	
191-24-2	Benzo(ghi)perylene	22.0	ug/L	
108-95-2	Phenol	36.8	ug/L	
95-57-8	2-Chlorophenol	36.8	ug/L	
95-48-7	2-Methylphenol (o-cresol)	40.5	ug/L	
106-44-5	4-Methylphenol (p-cresol)	40.0	ug/L	
105-67-9	2,4-Dimethylphenol	52.3	ug/L	
88-75-5	2-Nitrophenol	36.0	ug/L	
120-83-2	2,4-Dichlorophenol	39.2	ug/L	
59-50-7	4-Chloro-3-methylphenol	41.4	ug/L	
88-06-2	2,4,6-Trichlorophenol	39.5	ug/L	
95-95-4	2,4,5-Trichlorophenol	43.2	ug/L	
51-28-5	2,4-Dinitrophenol	30.3	ug/L	
100-02-7	4-Nitrophenol	32.8	ug/L	
534-52-1	2-Methyl-4,6-dinitrophenol	39.7	ug/L	
87-86-5	Pentachlorophenol (ms)	36.8	ug/L	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291475.01

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 291475.01

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220912.d

Level: (low/med) Date Received: 4/16/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	U
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291475.01

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 291475.01

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220912.d

Level: (low/med) Date Received: 4/16/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
120-12-7	Anthracene	1.00	ug/L	U
86-74-8	Carbazole	1.00	ug/L	U
84-74-2	Di-n-Butyl Phthalate	1.50	ug/L	
206-44-0	Fluoranthene	1.00	ug/L	U
129-00-0	Pyrene	1.00	ug/L	U
85-68-7	BenzylButylPhthalate	1.00	ug/L	U
117-81-7	Bis(2-ethylhexyl)phthalate	10.3	ug/L	
56-55-3	Benzo(a)anthracene	1.00	ug/L	U
218-01-9	Chrysene	1.00	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U
50-32-8	Benzo(a)pyrene	1.00	ug/L	U
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U
108-95-2	Phenol	1.00	ug/L	U
95-57-8	2-Chlorophenol	1.00	ug/L	U
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U
88-75-5	2-Nitrophenol	1.00	ug/L	U
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U
100-02-7	4-Nitrophenol	10.0	ug/L	U
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

ms291475.03

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: ms291475.03

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220913.d

Level: (low/med) Date Received: 4/16/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	4.03	ug/L	
541-73-1	1,3 Dichlorobenzene(sv)	4.18	ug/L	
106-46-7	1,4 Dichlorobenzene(sv)	4.13	ug/L	
95-50-1	1,2 Dichlorobenzene(sv)	4.36	ug/L	
108-60-1	Bis(2-chloroisopropyl)ether	5.34	ug/L	
621-64-7	N-Nitrosodi-n-propylamine	5.62	ug/L	
67-72-1	Hexachloroethane	4.45	ug/L	
98-95-3	Nitrobenzene	3.96	ug/L	
78-59-1	Isophorone	4.75	ug/L	
111-91-1	Bis(2-chloroethoxy)methane	4.60	ug/L	
120-82-1	124-Trichlorobenzene (sv)	5.08	ug/L	
91-20-3	Naphthalene(sv)	5.54	ug/L	
106-47-8	4-Chloroaniline	1.01	ug/L	
87-68-3	Hexachlorobutadiene	4.81	ug/L	
91-57-6	2-Methylnaphthalene	8.59	ug/L	
88-74-4	2-Nitroaniline	6.28	ug/L	
77-47-4	Hexachlorocyclopentadiene	3.59	ug/L	
91-58-7	2-Chloronaphthalene	6.72	ug/L	
131-11-3	Dimethyl Phthalate	5.08	ug/L	
606-20-2	2,6-Dinitrotoluene	5.91	ug/L	
208-96-8	Acenaphthylene	7.14	ug/L	
99-09-2	3-Nitroaniline	5.02	ug/L	
83-32-9	Acenaphthene	7.29	ug/L	
132-64-9	Dibenzofuran	8.69	ug/L	
121-14-2	2,4-Dinitrotoluene	5.61	ug/L	
84-66-2	Diethyl Phthalate	6.76	ug/L	
7005-72-3	4-Chlorophenyl phenyl ether	7.47	ug/L	
86-73-7	Fluorene	7.38	ug/L	
100-01-6	4-Nitroaniline	11.2	ug/L	
86-30-6	N-Nitrosodiphenylamine	10.7	ug/L	
101-55-3	4-Bromophenyl phenyl ether	9.51	ug/L	
118-74-1	Hexachlorobenzene	8.40	ug/L	
85-01-8	Phenanthrene	8.72	ug/L	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

ms291475.03

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: ms291475.03

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220913.d

Level: (low/med) Date Received: 4/16/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
120-12-7	Anthracene	8.86 ug/L	
86-74-8	Carbazole	8.01 ug/L	
84-74-2	Di-n-Butyl Phthalate	10.9 ug/L	
206-44-0	Fluoranthene	8.70 ug/L	
129-00-0	Pyrene	9.16 ug/L	
85-68-7	BenzylButylPhthalate	9.37 ug/L	
117-81-7	Bis(2-ethylhexyl)phthalate	18.9 ug/L	
56-55-3	Benzo(a)anthracene	8.87 ug/L	
218-01-9	Chrysene	9.01 ug/L	
91-94-1	3,3'-Dichlorobenzidine	0.00 ug/L	
117-84-0	Di-n-octyl Phthalate	12.0 ug/L	
205-99-2	Benzo(b)fluoranthene	9.19 ug/L	
207-08-9	Benzo(k)fluoranthene	8.56 ug/L	
50-32-8	Benzo(a)pyrene	8.71 ug/L	
53-70-3	Dibenzo(a,h)anthracene	7.87 ug/L	
193-39-5	Indeno(1,2,3-cd)pyrene	7.77 ug/L	
191-24-2	Benzo(ghi)perylene	7.55 ug/L	
108-95-2	Phenol	20.0 ug/L	
95-57-8	2-Chlorophenol	46.2 ug/L	
95-48-7	2-Methylphenol (o-cresol)	46.5 ug/L	
106-44-5	4-Methylphenol (p-cresol)	44.6 ug/L	
105-67-9	2,4-Dimethylphenol	63.7 ug/L	
88-75-5	2-Nitrophenol	42.2 ug/L	
120-83-2	2,4-Dichlorophenol	48.0 ug/L	
59-50-7	4-Chloro-3-methylphenol	49.7 ug/L	
88-06-2	2,4,6-Trichlorophenol	46.1 ug/L	
95-95-4	2,4,5-Trichlorophenol	50.5 ug/L	
51-28-5	2,4-Dinitrophenol	47.6 ug/L	
100-02-7	4-Nitrophenol	15.3 ug/L	
534-52-1	2-Methyl-4,6-dinitrophenol	57.3 ug/L	
87-86-5	Pentachlorophenol (ms)	57.5 ug/L	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

msd291475.05

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: msd291475.05

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220914.d

Level: (low/med) Date Received: 4/16/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q
111-44-4	Bis(2-chloroethyl)ether	15.6	ug/L	
541-73-1	1,3 Dichlorobenzene(sv)	10.4	ug/L	
106-46-7	1,4 Dichlorobenzene(sv)	11.2	ug/L	
95-50-1	1,2 Dichlorobenzene(sv)	11.0	ug/L	
108-60-1	Bis(2-chloroisopropyl)ether	16.0	ug/L	
621-64-7	N-Nitrosodi-n-propylamine	16.9	ug/L	
67-72-1	Hexachloroethane	10.3	ug/L	
98-95-3	Nitrobenzene	13.5	ug/L	
78-59-1	Isophorone	15.5	ug/L	
111-91-1	Bis(2-chloroethoxy)methane	15.4	ug/L	
120-82-1	124-Trichlorobenzene (sv)	12.2	ug/L	
91-20-3	Naphthalene(sv)	13.3	ug/L	
106-47-8	4-Chloroaniline	14.5	ug/L	
87-68-3	Hexachlorobutadiene	11.0	ug/L	
91-57-6	2-Methylnaphthalene	18.5	ug/L	
88-74-4	2-Nitroaniline	20.3	ug/L	
77-47-4	Hexachlorocyclopentadiene	9.70	ug/L	
91-58-7	2-Chloronaphthalene	16.2	ug/L	
131-11-3	Dimethyl Phthalate	15.8	ug/L	
606-20-2	2,6-Dinitrotoluene	18.8	ug/L	
208-96-8	Acenaphthylene	17.7	ug/L	
99-09-2	3-Nitroaniline	19.5	ug/L	
83-32-9	Acenaphthene	17.3	ug/L	
132-64-9	Dibenzofuran	21.0	ug/L	
121-14-2	2,4-Dinitrotoluene	18.1	ug/L	
84-66-2	Diethyl Phthalate	16.9	ug/L	
7005-72-3	4-Chlorophenyl phenyl ether	17.9	ug/L	
86-73-7	Fluorene	18.9	ug/L	
100-01-6	4-Nitroaniline	26.6	ug/L	
86-30-6	N-Nitrosodiphenylamine	19.4	ug/L	
101-55-3	4-Bromophenyl phenyl ether	20.4	ug/L	
118-74-1	Hexachlorobenzene	18.3	ug/L	
85-01-8	Phenanthrene	18.8	ug/L	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

msd291475.05

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: msd291475.05

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220914.d

Level: (low/med) Date Received: 4/16/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L		Q
120-12-7	Anthracene	19.3	ug/L	
86-74-8	Carbazole	19.7	ug/L	
84-74-2	Di-n-Butyl Phthalate	21.1	ug/L	
206-44-0	Fluoranthene	18.5	ug/L	
129-00-0	Pyrene	20.2	ug/L	
85-68-7	BenzylButylPhthalate	20.8	ug/L	
117-81-7	Bis(2-ethylhexyl)phthalate	28.1	ug/L	
56-55-3	Benzo(a)anthracene	18.8	ug/L	
218-01-9	Chrysene	19.0	ug/L	
91-94-1	3,3'-Dichlorobenzidine	0.00	ug/L	
117-84-0	Di-n-octyl Phthalate	22.1	ug/L	
205-99-2	Benzo(b)fluoranthene	19.9	ug/L	
207-08-9	Benzo(k)fluoranthene	20.7	ug/L	
50-32-8	Benzo(a)pyrene	18.7	ug/L	
53-70-3	Dibenzo(a,h)anthracene	17.1	ug/L	
193-39-5	Indeno(1,2,3-cd)pyrene	16.8	ug/L	
191-24-2	Benzo(ghi)perylene	16.5	ug/L	
108-95-2	Phenol	18.1	ug/L	
95-57-8	2-Chlorophenol	37.9	ug/L	
95-48-7	2-Methylphenol (o-cresol)	40.2	ug/L	
106-44-5	4-Methylphenol (p-cresol)	36.5	ug/L	
105-67-9	2,4-Dimethylphenol	53.6	ug/L	
88-75-5	2-Nitrophenol	35.7	ug/L	
120-83-2	2,4-Dichlorophenol	40.1	ug/L	
59-50-7	4-Chloro-3-methylphenol	42.2	ug/L	
88-06-2	2,4,6-Trichlorophenol	43.8	ug/L	
95-95-4	2,4,5-Trichlorophenol	47.1	ug/L	
51-28-5	2,4-Dinitrophenol	44.9	ug/L	
100-02-7	4-Nitrophenol	13.7	ug/L	
534-52-1	2-Methyl-4,6-dinitrophenol	48.7	ug/L	
87-86-5	Pentachlorophenol (ms)	48.8	ug/L	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.01

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 291490.01

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220925.d

Level: (low/med) Date Received: 4/17/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	U
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.01

Lab Name: ECOTEST LABORATORY Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 291490.01

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220925.d

Level: (low/med) _____ Date Received: 4/17/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
120-12-7	Anthracene	1.00	ug/L	U
86-74-8	Carbazole	1.00	ug/L	U
84-74-2	Di-n-Butyl Phthalate	1.60	ug/L	
206-44-0	Fluoranthene	1.00	ug/L	U
129-00-0	Pyrene	1.00	ug/L	U
85-68-7	BenzylButylPhthalate	1.00	ug/L	U
117-81-7	Bis(2-ethylhexyl)phthalate	11.5	ug/L	
56-55-3	Benzo(a)anthracene	1.00	ug/L	U
218-01-9	Chrysene	1.00	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U
50-32-8	Benzo(a)pyrene	1.00	ug/L	U
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U
108-95-2	Phenol	1.00	ug/L	U
95-57-8	2-Chlorophenol	1.00	ug/L	U
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U
88-75-5	2-Nitrophenol	1.00	ug/L	U
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U
100-02-7	4-Nitrophenol	10.0	ug/L	U
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.02

Lab Name: ECOTEST LABORATORY Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 291490.02

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220926.d

Level: (low/med) _____ Date Received: 4/17/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)	ug/L	Q
111-44-4	Bis(2-chloroethyl)ether	1.00	ug/L	U
541-73-1	1,3 Dichlorobenzene(sv)	1.00	ug/L	U
106-46-7	1,4 Dichlorobenzene(sv)	1.00	ug/L	U
95-50-1	1,2 Dichlorobenzene(sv)	1.00	ug/L	U
108-60-1	Bis(2-chloroisopropyl)ether	1.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	1.00	ug/L	U
67-72-1	Hexachloroethane	1.00	ug/L	U
98-95-3	Nitrobenzene	1.00	ug/L	U
78-59-1	Isophorone	1.00	ug/L	U
111-91-1	Bis(2-chloroethoxy)methane	1.00	ug/L	U
120-82-1	124-Trichlorobenzene (sv)	1.00	ug/L	U
91-20-3	Naphthalene(sv)	1.00	ug/L	U
106-47-8	4-Chloroaniline	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	ug/L	U
91-57-6	2-Methylnaphthalene	1.00	ug/L	U
88-74-4	2-Nitroaniline	1.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	10.0	ug/L	U
91-58-7	2-Chloronaphthalene	1.00	ug/L	U
131-11-3	Dimethyl Phthalate	1.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	1.00	ug/L	U
208-96-8	Acenaphthylene	1.00	ug/L	U
99-09-2	3-Nitroaniline	1.00	ug/L	U
83-32-9	Acenaphthene	1.00	ug/L	U
132-64-9	Dibenzofuran	1.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	1.00	ug/L	U
84-66-2	Diethyl Phthalate	1.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	1.00	ug/L	U
86-73-7	Fluorene	1.00	ug/L	U
100-01-6	4-Nitroaniline	1.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	1.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	1.00	ug/L	U
118-74-1	Hexachlorobenzene	1.00	ug/L	U
85-01-8	Phenanthrene	1.00	ug/L	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.02

Lab Name: ECOTEST LABORATORY Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) Water Lab Sample ID: 291490.02

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220926.d

Level: (low/med) Date Received: 4/17/09

% Moisture: 100 decanted: (Y/N): Y Date Extracted: 4/21/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

CAS No.	Compound	Concentration (ug/L or ug/Kg)	Units: ug/L	Q
120-12-7	Anthracene	1.00	ug/L	U
86-74-8	Carbazole	1.00	ug/L	U
84-74-2	Di-n-Butyl Phthalate	1.52	ug/L	
206-44-0	Fluoranthene	1.00	ug/L	U
129-00-0	Pyrene	1.00	ug/L	U
85-68-7	BenzylButylPhthalate	1.00	ug/L	U
117-81-7	Bis(2-ethylhexyl)phthalate	9.62	ug/L	
56-55-3	Benzo(a)anthracene	1.00	ug/L	U
218-01-9	Chrysene	1.00	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	10.0	ug/L	U
117-84-0	Di-n-octyl Phthalate	1.00	ug/L	U
205-99-2	Benzo(b)fluoranthene	1.00	ug/L	U
207-08-9	Benzo(k)fluoranthene	1.00	ug/L	U
50-32-8	Benzo(a)pyrene	1.00	ug/L	U
53-70-3	Dibenzo(a,h)anthracene	1.00	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	ug/L	U
191-24-2	Benzo(ghi)perylene	1.00	ug/L	U
108-95-2	Phenol	1.00	ug/L	U
95-57-8	2-Chlorophenol	1.00	ug/L	U
95-48-7	2-Methylphenol (o-cresol)	1.00	ug/L	U
106-44-5	4-Methylphenol (p-cresol)	1.00	ug/L	U
105-67-9	2,4-Dimethylphenol	1.00	ug/L	U
88-75-5	2-Nitrophenol	1.00	ug/L	U
120-83-2	2,4-Dichlorophenol	1.00	ug/L	U
59-50-7	4-Chloro-3-methylphenol	1.00	ug/L	U
88-06-2	2,4,6-Trichlorophenol	1.00	ug/L	U
95-95-4	2,4,5-Trichlorophenol	1.00	ug/L	U
51-28-5	2,4-Dinitrophenol	10.0	ug/L	U
100-02-7	4-Nitrophenol	10.0	ug/L	U
534-52-1	2-Methyl-4,6-dinitrophenol	10.0	ug/L	U
87-86-5	Pentachlorophenol (ms)	10.0	ug/L	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

291490.01

Lab Name: EcoTest Labs Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 291490.01

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220925.d

Level: (low/med) Date Received: 04/17/09

% Moisture: 100 decanted: (Y/N) Y Date Extracted: 04/21/09

Concentrated Extract Volume: (uL) Date Analyzed: 04/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

Number TICs found: 2 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 632-14-4	Urea, trimethyl-	7.97	6.16	J
2. 1120-16-7	Dodecanamide	19.77	14.2	J
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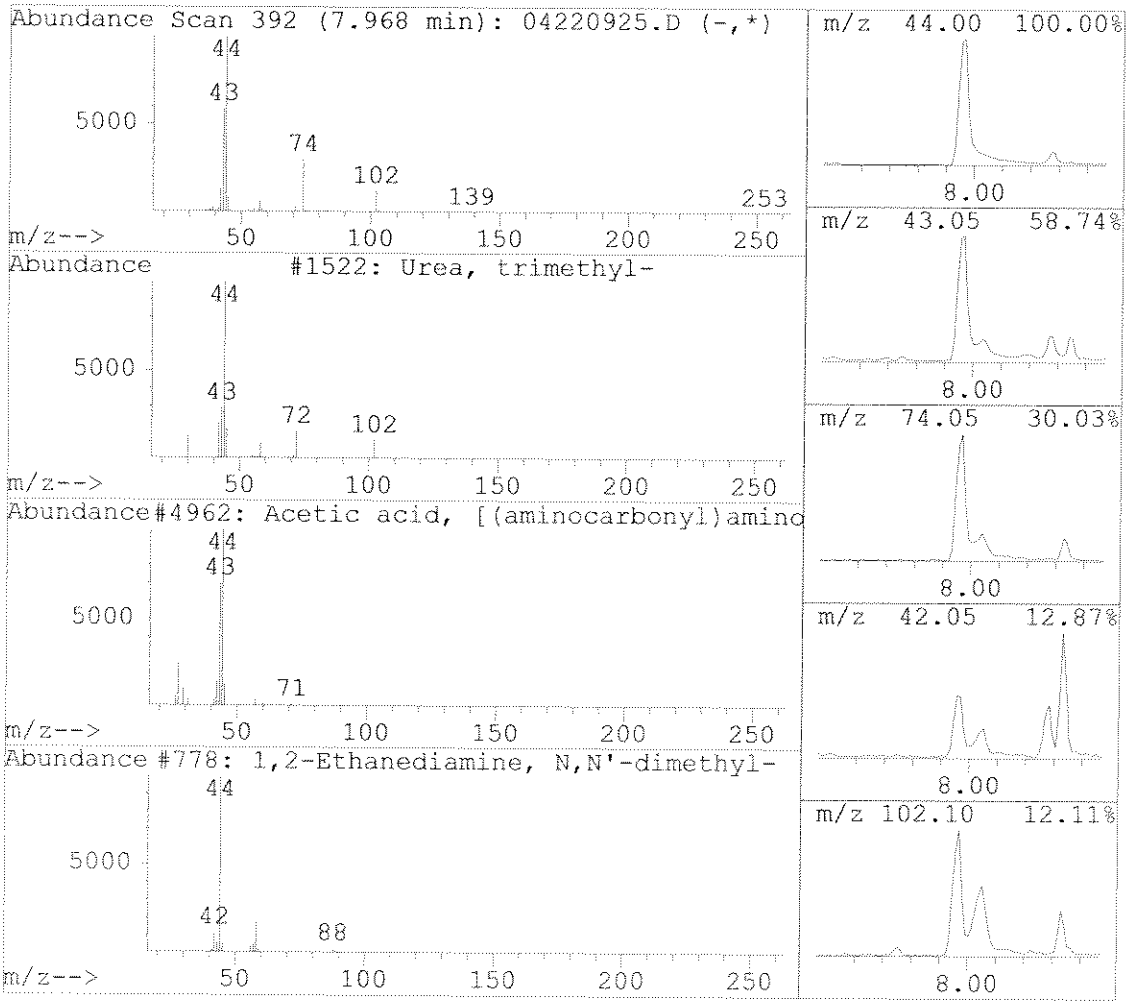
Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220925.D Vial: 25
Acq On : 22 Apr 109 10:41 pm Operator:
Sample : bna smp 490.01*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Library : C:\DATABASE\NBS54K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
7.97	6.16 PPB	922826	NAPHTHALENE-d8 INT. STD.	8.33

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Urea, trimethyl-	1522	000632-14-4	9
2	Acetic acid, [(aminocarbonyl)amino]	4962	000585-05-7	9
3	1,2-Ethanediamine, N,N'-dimethyl-	778	000110-70-3	9
4	DL-Leucine	4909	000328-39-2	9
5	N-Nitrosodimethylamine	295	000062-75-9	7

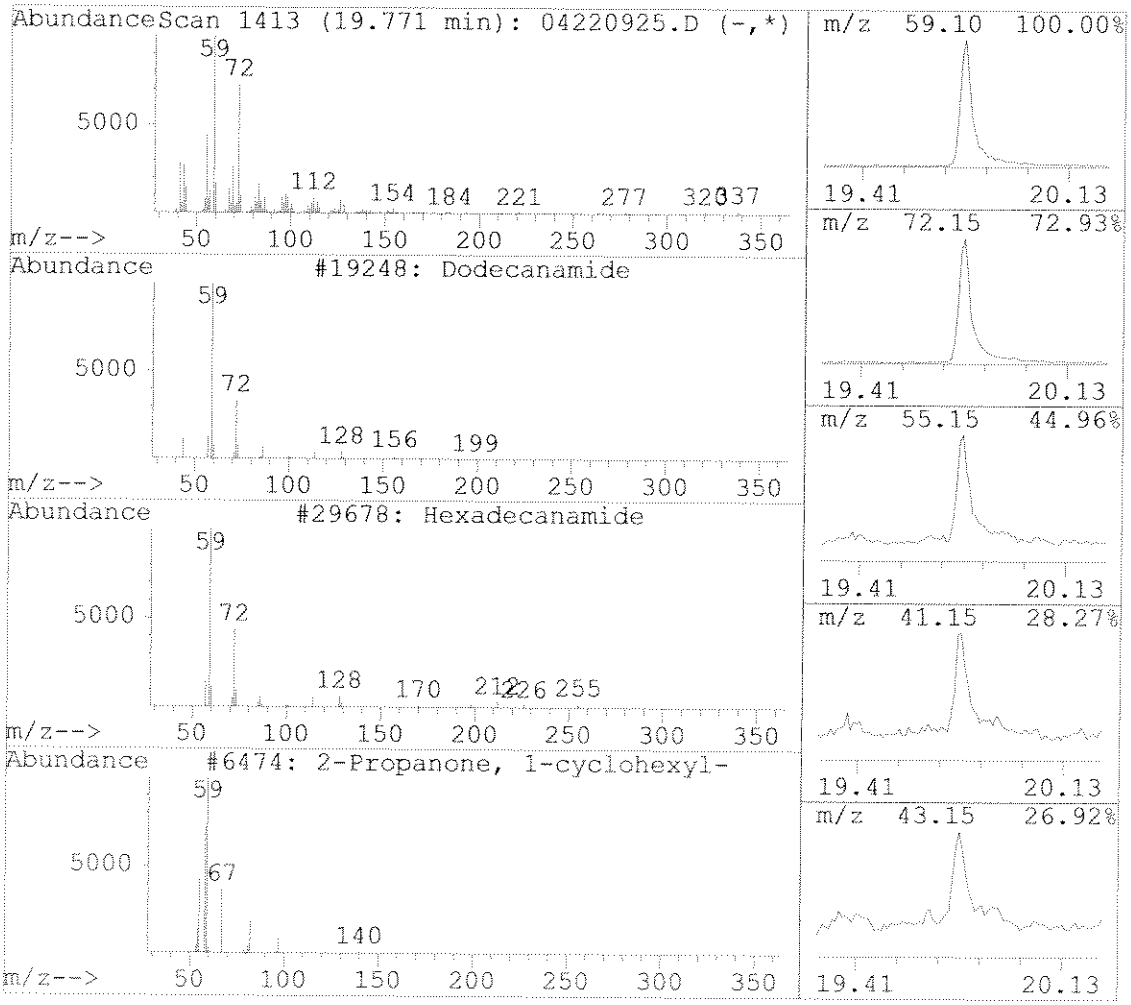


Data File : C:\HPCHEM\1\DATA\APR09\042209\04220925.D Vial: 25
Acq On : 22 Apr 109 10:41 pm Operator:
Sample : bna smp 490.01*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Library : C:\DATABASE\NBS54K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
19.77	14.15 PPB	1240151	PERYLENE-d12 INT. STD.	21.33

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Dodecanamide	19248	001120-16-7	53
2	Hexadecanamide	29678	000629-54-9	53
3	2-Propanone, 1-cyclohexyl-	6474	000103-78-6	38
4	Butanamide, 3-methyl-	1468	000541-46-8	35
5	1,8-Nonanediol, 8-methyl-	13917	054725-73-4	35



1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
291490.03

Lab Name: EcoTest Labs Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) water Lab Sample ID: 291490.03

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: 04220926.d

Level: (low/med) Date Received: 04/17/09

% Moisture: 100 decanted: (Y/N) Y Date Extracted: 04/21/09

Concentrated Extract Volume: (uL) Date Analyzed: 04/22/09

Injection Volume: (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) pH:

Number TICs found: 3 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 632-14-4	Urea, trimethyl-	7.97	6.05	J
2.	1,4,5-TRI-O-ACETYL-2,3,6-TRI-OMETH	9.12	5.30	J
3. 1120-07-6	Nonanamide	19.77	9.71	J
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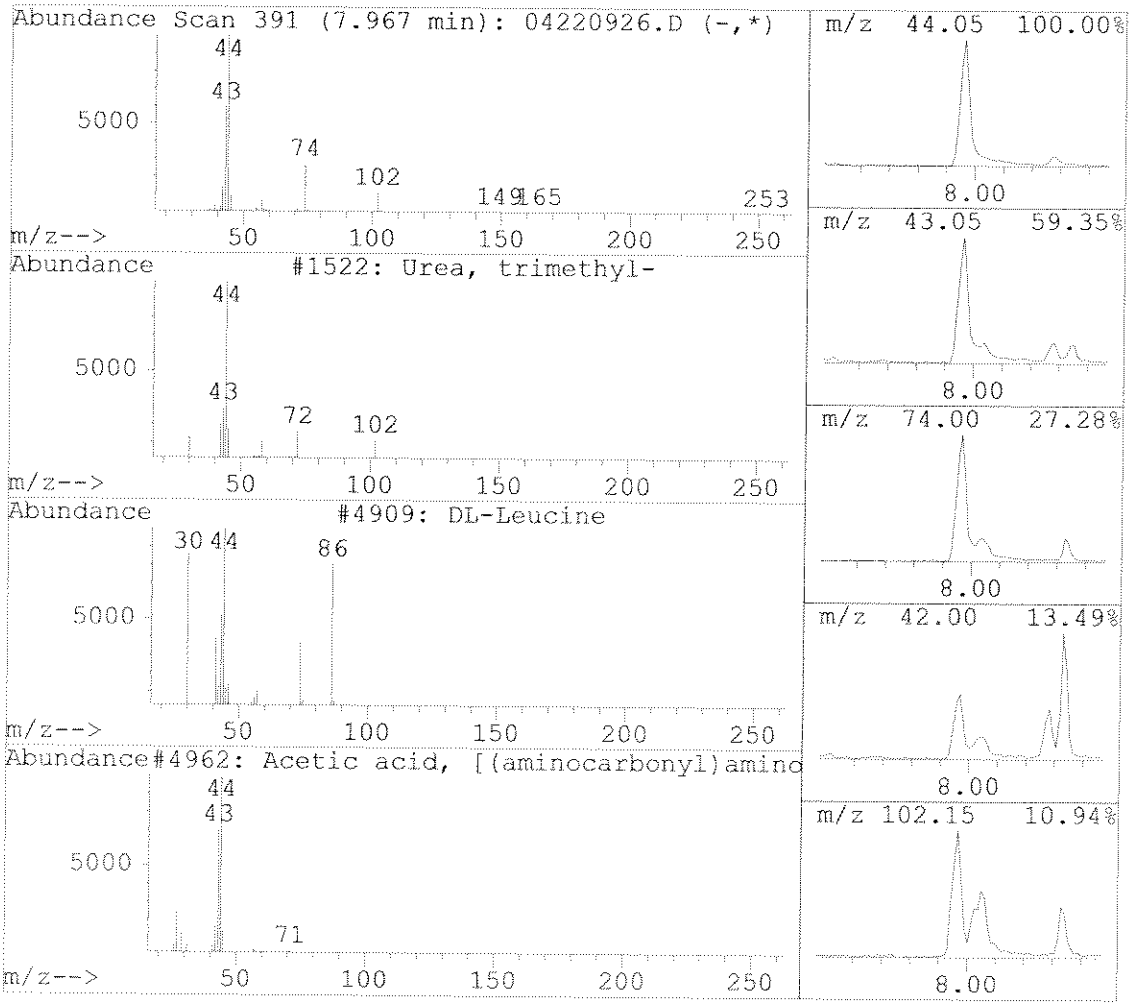
FORM I SV-TIC 3/90

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220926.D Vial: 26
Acq On : 22 Apr 109 11:16 pm Operator:
Sample : bna smp 490.03*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Library : C:\DATABASE\NBS54K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
7.97	6.05 PPB	1020212	NAPHTHALENE-d8 INT. STD.	8.33

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Urea, trimethyl-	1522	000632-14-4	9
2	DL-Leucine	4909	000328-39-2	9
3	Acetic acid, [(aminocarbonyl)amino]	4962	000585-05-7	9
4	Acetaldehyde	37	000075-07-0	7
5	2-Propanone, 1-hydroxy-	303	000116-09-6	7



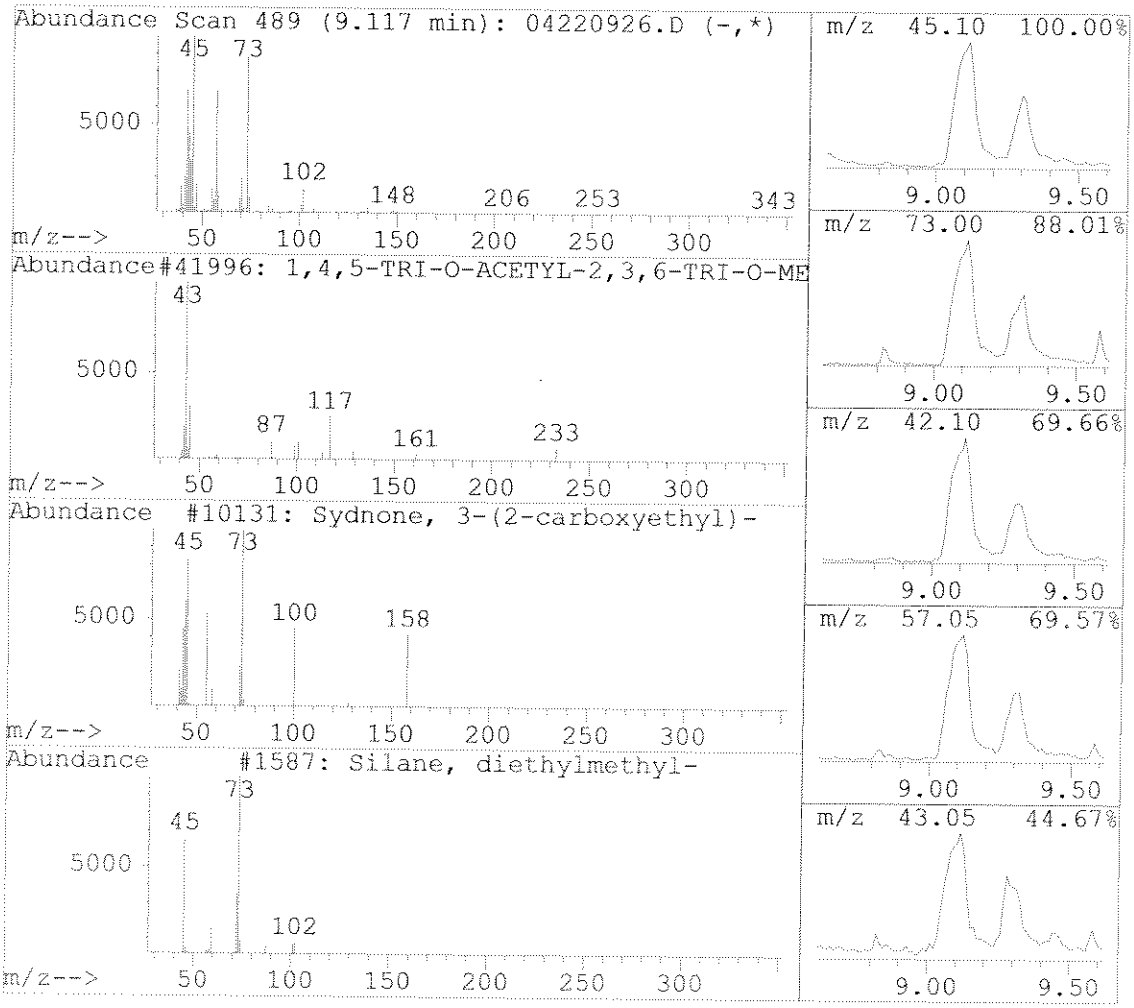
Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220926.D Vial: 26
Acq On : 22 Apr 109 11:16 pm Operator:
Sample : bna smp 490.03*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Library : C:\DATABASE\NBS54K.L

R.T.	Conc	Area	Relative to ISTD	R.T.
9.12	5.30 PPB	893499	NAPHTHALENE-d8 INT. STD.	8.33

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	1,4,5-TRI-O-ACETYL-2,3,6-TRI-O-METH	41996	000000-00-0	33
2	Sydnone, 3-(2-carboxyethyl)-	10131	026574-32-3	32
3	Silane, diethylmethyl-	1587	000760-32-7	32
4	12-CROWN-4	14213	000294-93-9	28
5	Cholest-8-en-15-one, 14-ethyl-3-(su	52439	074420-86-3	28

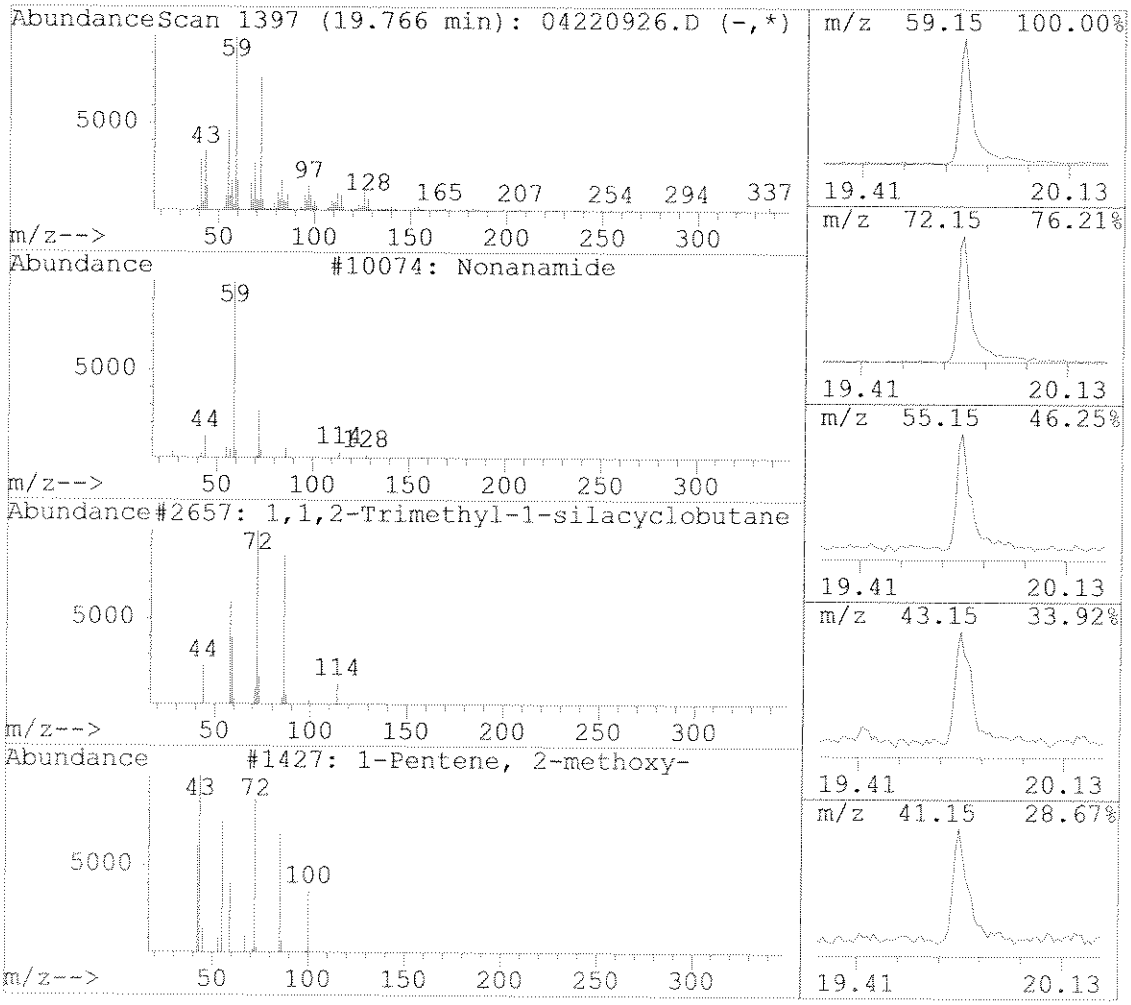


Data File : C:\HPCHEM\1\DATA\APR09\042209\04220926.D Vial: 26
Acq On : 22 Apr 109 11:16 pm Operator:
Sample : bna smp 490.03*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Library : C:\DATABASE\NBS54K.L

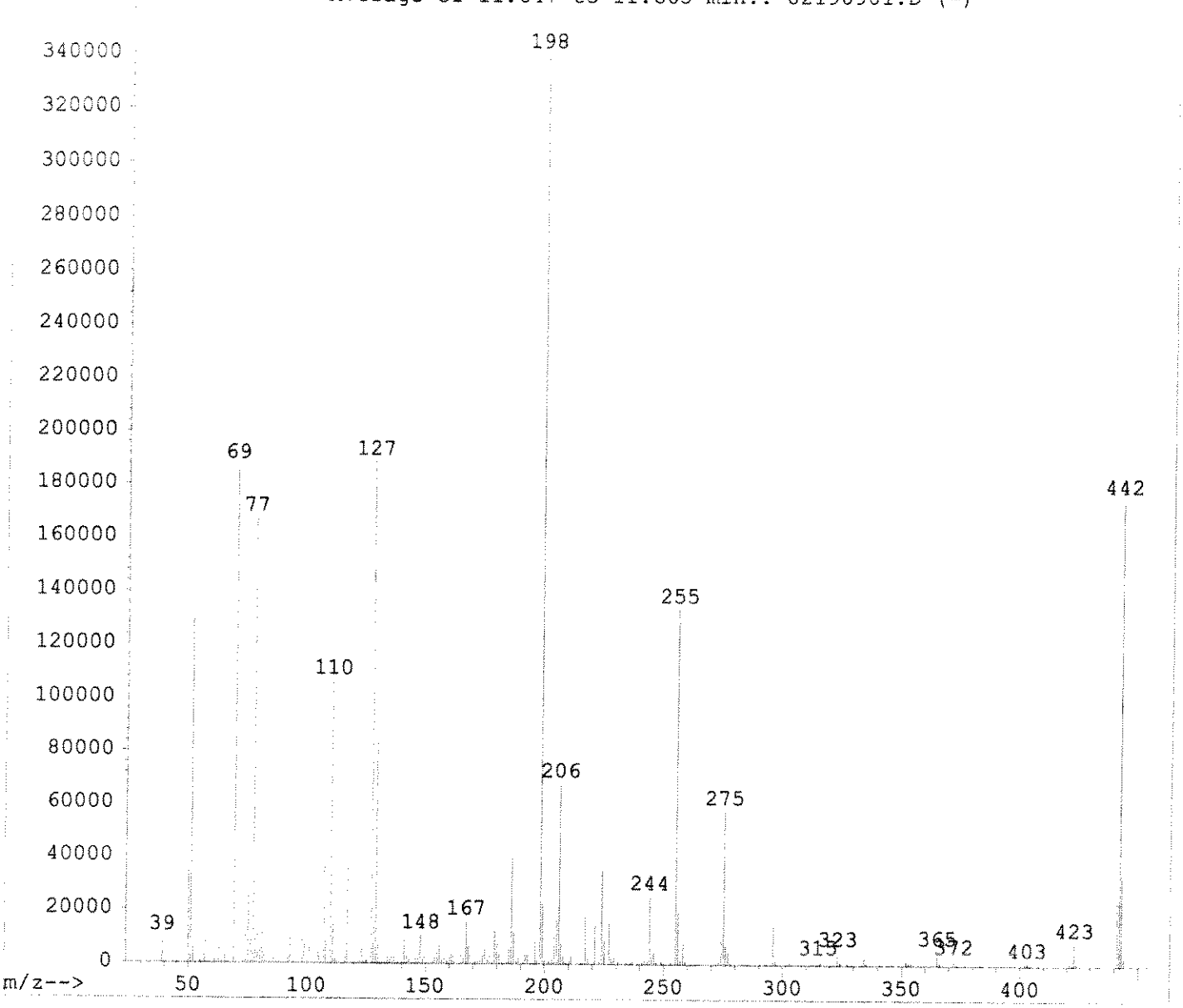
R.T.	Conc	Area	Relative to ISTD	R.T.
19.77	9.71 PPB	992636	PERYLENE-d12 INT. STD.	21.32

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Nonanamide	10074	001120-07-6	43
2	1,1,2-Trimethyl-1-silacyclobutane	2657	030681-90-4	32
3	1-Pentene, 2-methoxy-	1427	053119-70-3	32
4	Butanoic acid, 2-hydroxy-	1697	000565-70-8	27
5	2-Butanamine, N,N-dimethyl-	1499	000921-04-0	27



DFTPP 625 Results

C:\HPCHEM\1\DATA\FEB09\021909\02190901.D Thu Feb 19 10:47:43 2009



Peak Apex is scan: 271
Average of 3 scans: 270,271,272 minus background scan 266

Target Mass	Comparison Mass	Lower Limit,%	Upper Limit,%	Relative Abundance,%	Result Pass/Fail
51	198	30	60	37.9	PASS
68	69	0	2	0.0	PASS
69	198	0	100	55.0	PASS
70	69	0	2	0.3	PASS
127	198	40	60	55.4	PASS
197	198	0	1	0.4	PASS
198	198	100	100	100.0	PASS
199	198	5	9	6.6	PASS
275	198	10	30	17.0	PASS
365	198	1	100	1.6	PASS
441	443	0	100	72.8	PASS
442	198	40	100	51.6	PASS
443	442	17	23	19.1	PASS

Response Factor Report SVGCMS2

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Initial Calibration

Calibration Files
30 =02190907.D 10 =02190908.D 50 =02190909.D
60 =02190910.D 80 =02190911.D

		Compound	30	10	50	60	80	Avg	%RSD
1)	I	1,4-DICHLOROBENZENE-d	----------ISTD----------						
2)	I	NAPHTHALENE-d8 INT. S	----------ISTD----------						
3)	S	NITROBENZENE-d5 SURR.	0.400	0.410	0.399	0.397	0.403	0.4	1.22
4)	I	ACENAPHTHENE-d10 INT.	----------ISTD----------						
5)	S	2-FLUOROBIPHENYL SURR	1.302	1.322	1.319	1.404	1.335	1.3	2.96
6)	I	PHENANTHRENE-d10 INT.	----------ISTD----------						
7)	I	CHRYSENE-d12 INT. STD	----------ISTD----------						
8)	T	BENZIDINE	0.617	0.584	0.656	0.678	0.681	0.6	6.50
9)	S	TERPHENYL-d14 SURR.	0.711	0.702	0.706	0.731	0.718	0.7	1.59
10)	I	PERYLENE-d12 INT. STD	----------ISTD----------						
11)	T	3,3'-DICHLOROBENZIDIN	0.451	0.494	0.440	0.444	0.419	0.4	6.10

(#) = Out of Range

BZ021909.M Fri Feb 20 08:40:18 2009

Quantitation Report

Data File : c:\hpchem\1\data\feb09\021909\02190907.d Vial: 3
Acq On : 19 Feb 109 2:00 pm Operator:
Sample : bz std 30 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:37 19109

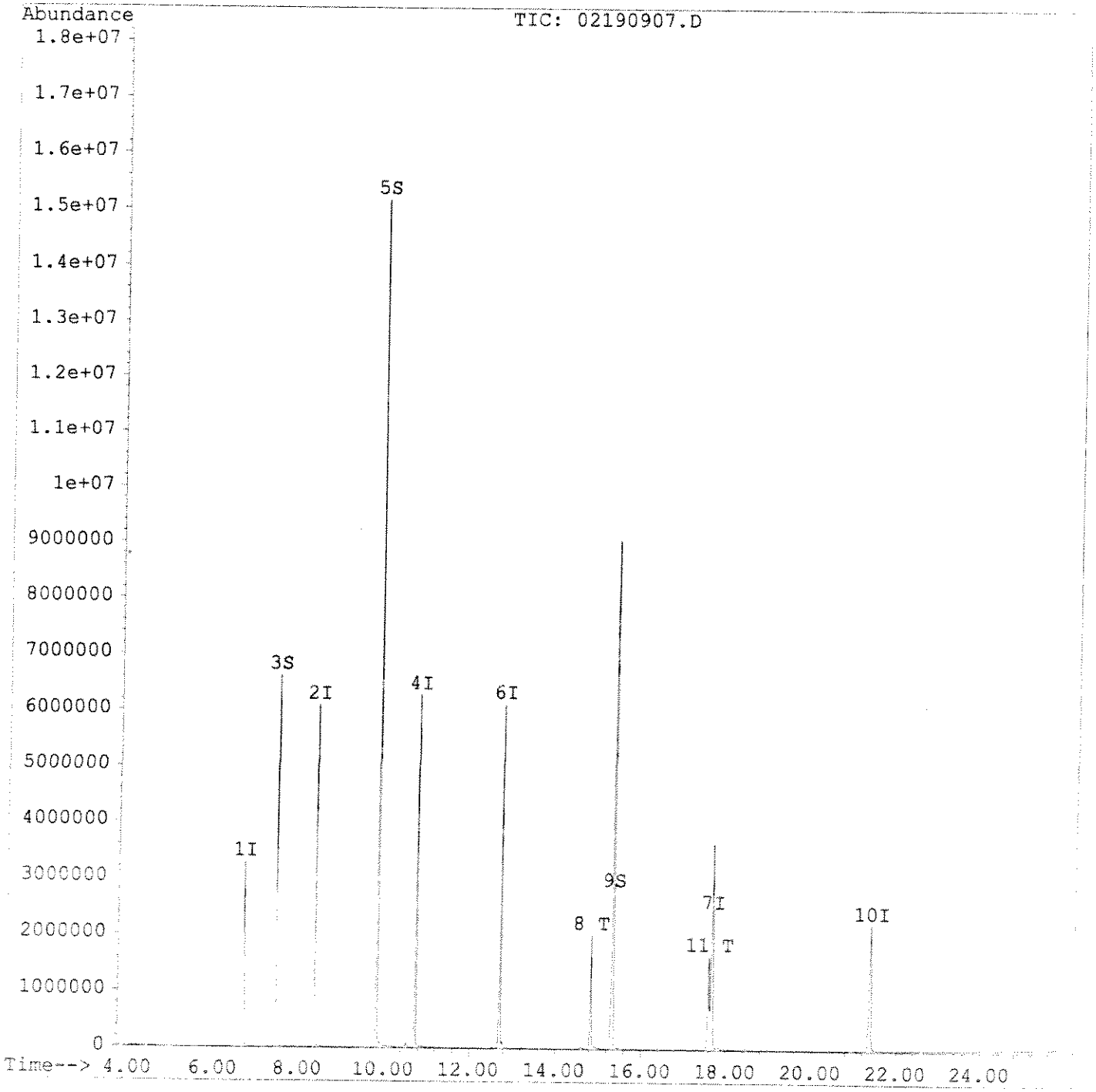
Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:37:20 2009
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.69	150	1820003	40.00	PPB	0.00
2) NAPHTHALENE-d8 INT. STD.	8.36	136	4452400	40.00	PPB	0.00
4) ACENAPHTHENE-d10 INT. STD.	10.73	162	2370596	40.00	PPB	0.00
6) PHENANTHRENE-d10 INT. STD.	12.71	188	3873238	40.00	PPB	0.00
7) CHRYSENE-d12 INT. STD.	17.67	240	3657301	40.00	PPB	0.00
10) PERYLENE-d12 INT. STD.	21.39	264	2525343	40.00	PPB	0.00
System Monitoring Compounds						%Recovery
3) NITROBENZENE-d5 SURR.	7.44	82	4459805	100.13	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.82	172	7715757	100.00	PPB	
9) TERPHENYL-d14 SURR.	15.34	244	6500345	100.00	PPB	
Target Compounds						Qvalue
8) BENZIDINE	14.82	184	1693149	30.00	PPB	100
11) 3,3'-DICHLOROBENZIDINE	17.59	252	855113	30.00	PPB	100

Quantitation Report

Data File : c:\hpchem\1\data\feb09\021909\02190907.d Vial: 3
Acq On : 19 Feb 109 2:00 pm Operator:
Sample : bz std 30 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:37 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:37:20 2009
Response via : Single Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\feb09\021909\02190908.d Vial: 8
Acq On : 19 Feb 109 2:38 pm Operator:
Sample : bz std 10 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:37 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:37:20 2009
Response via : Single Level Calibration

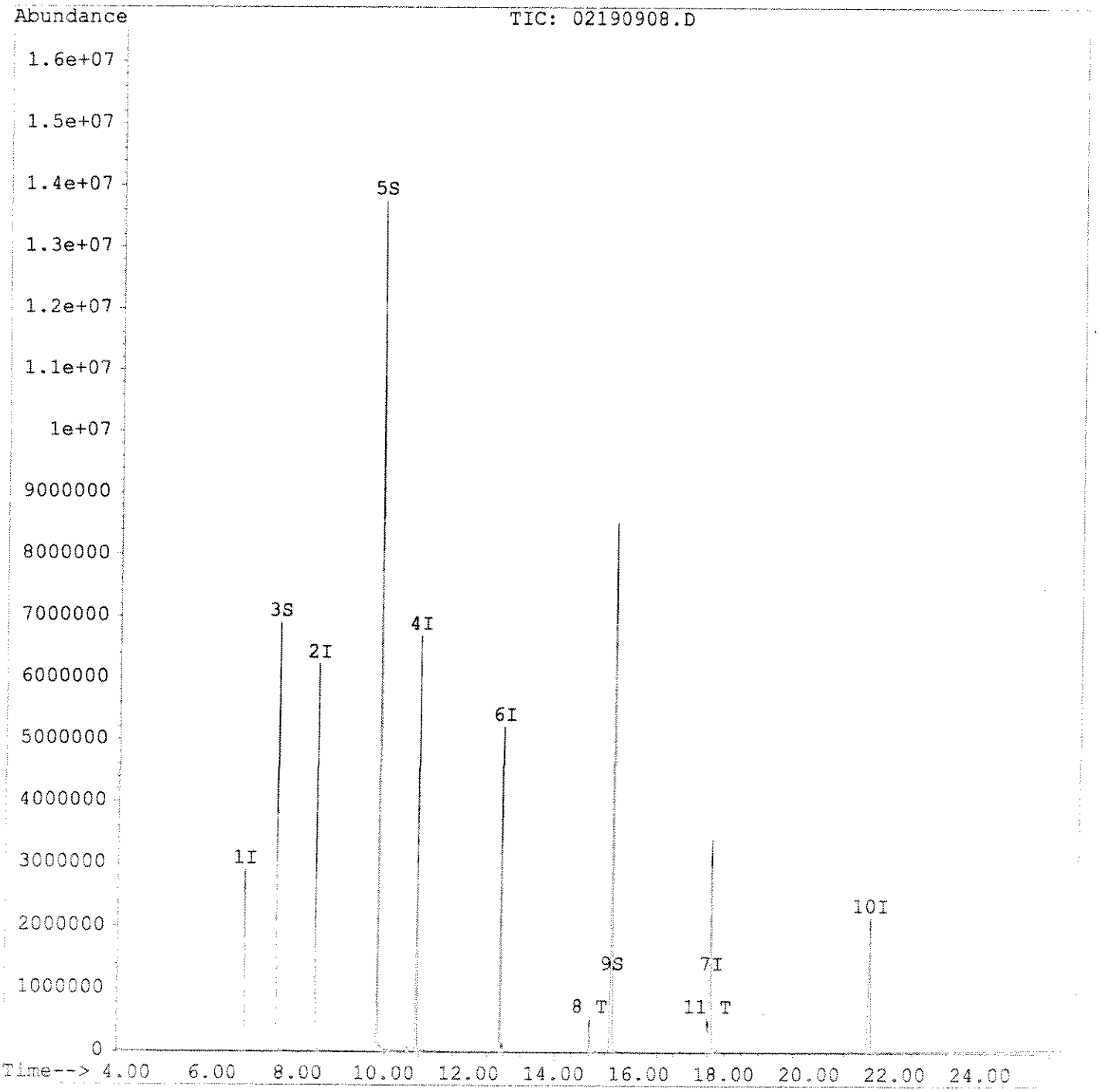
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.70	150	1700689	40.00	PPB	0.00
2) NAPHTHALENE-d8 INT. STD.	8.37	136	4235194	40.00	PPB	0.00
4) ACENAPHTHENE-d10 INT. STD.	10.73	162	2240523	40.00	PPB	0.00
6) PHENANTHRENE-d10 INT. STD.	12.71	188	3668383	40.00	PPB	0.00
7) CHRYSENE-d12 INT. STD.	17.67	240	3485425	40.00	PPB	0.00
10) PERYLENE-d12 INT. STD.	21.38	264	2377109	40.00	PPB	0.00
System Monitoring Compounds						%Recovery
3) NITROBENZENE-d5 SURR.	7.45	82	4338968	102.41	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.82	172	7404420	101.54	PPB	
9) TERPHENYL-d14 SURR.	15.33	244	6115760	98.72	PPB	
Target Compounds						Qvalue
8) BENZIDINE	14.82	184	509025	9.46	PPB	99
11) 3,3'-DICHLOROBENZIDINE	17.59	252	293473	10.94	PPB	98

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

Quantitation Report

Data File : c:\hpchem\1\data\feb09\021909\02190908.d Vial: 8
Acq On : 19 Feb 109 2:38 pm Operator:
Sample : bz std 10 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:37 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:37:20 2009
Response via : Single Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\feb09\021909\02190909.d Vial: 9
Acq On : 19 Feb 109 3:14 pm Operator:
Sample : bz std 50 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:37 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:37:20 2009
Response via : Single Level Calibration

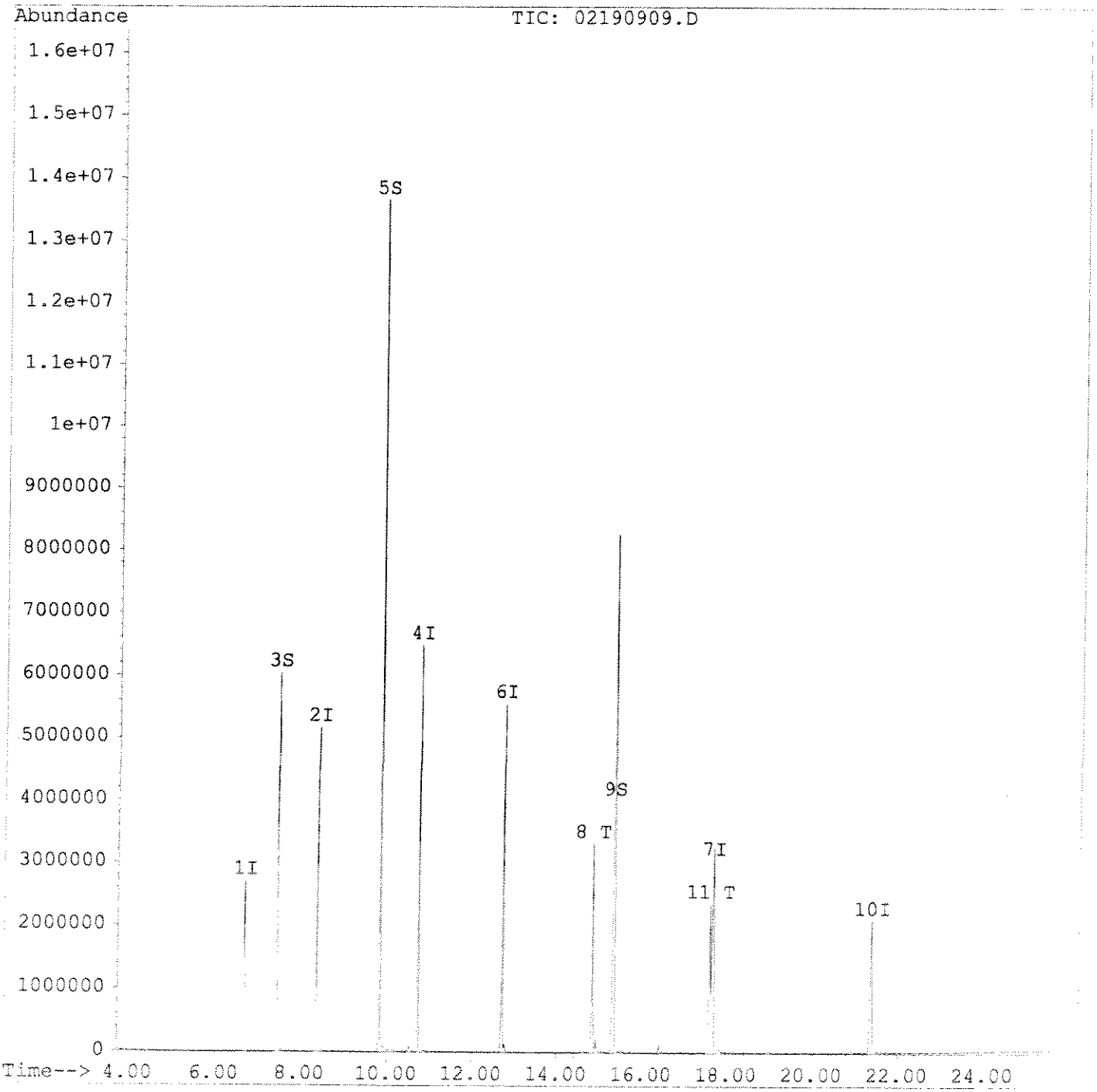
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.70	150	1612911	40.00	PPB	0.00
2) NAPHTHALENE-d8 INT. STD.	8.37	136	4035041	40.00	PPB	0.00
4) ACENAPHTHENE-d10 INT. STD.	10.73	162	2118576	40.00	PPB	0.00
6) PHENANTHRENE-d10 INT. STD.	12.71	188	3500688	40.00	PPB	0.00
7) CHRYSENE-d12 INT. STD.	17.67	240	3320905	40.00	PPB	0.00
10) PERYLENE-d12 INT. STD.	21.38	264	2325739	40.00	PPB	0.00
System Monitoring Compounds						%Recovery
3) NITROBENZENE-d5 SURR.	7.44	82	4022105	99.64	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.83	172	6985968	101.31	PPB	
9) TERPHENYL-d14 SURR.	15.33	244	5862561	99.32	PPB	
Target Compounds						Qvalue
8) BENZIDINE	14.83	184	2725171	53.18	PPB	100
11) 3,3'-DICHLOROBENZIDINE	17.59	252	1278234	48.69	PPB	96

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

Quantitation Report

Data File : c:\hpchem\1\data\feb09\021909\02190909.d Vial: 9
Acq On : 19 Feb 109 3:14 pm Operator:
Sample : bz std 50 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:37 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:37:20 2009
Response via : Single Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\feb09\021909\02190910.d Vial: 10
Acq On : 19 Feb 109 3:51 pm Operator:
Sample : bz std 60 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:37 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:37:20 2009
Response via : Single Level Calibration

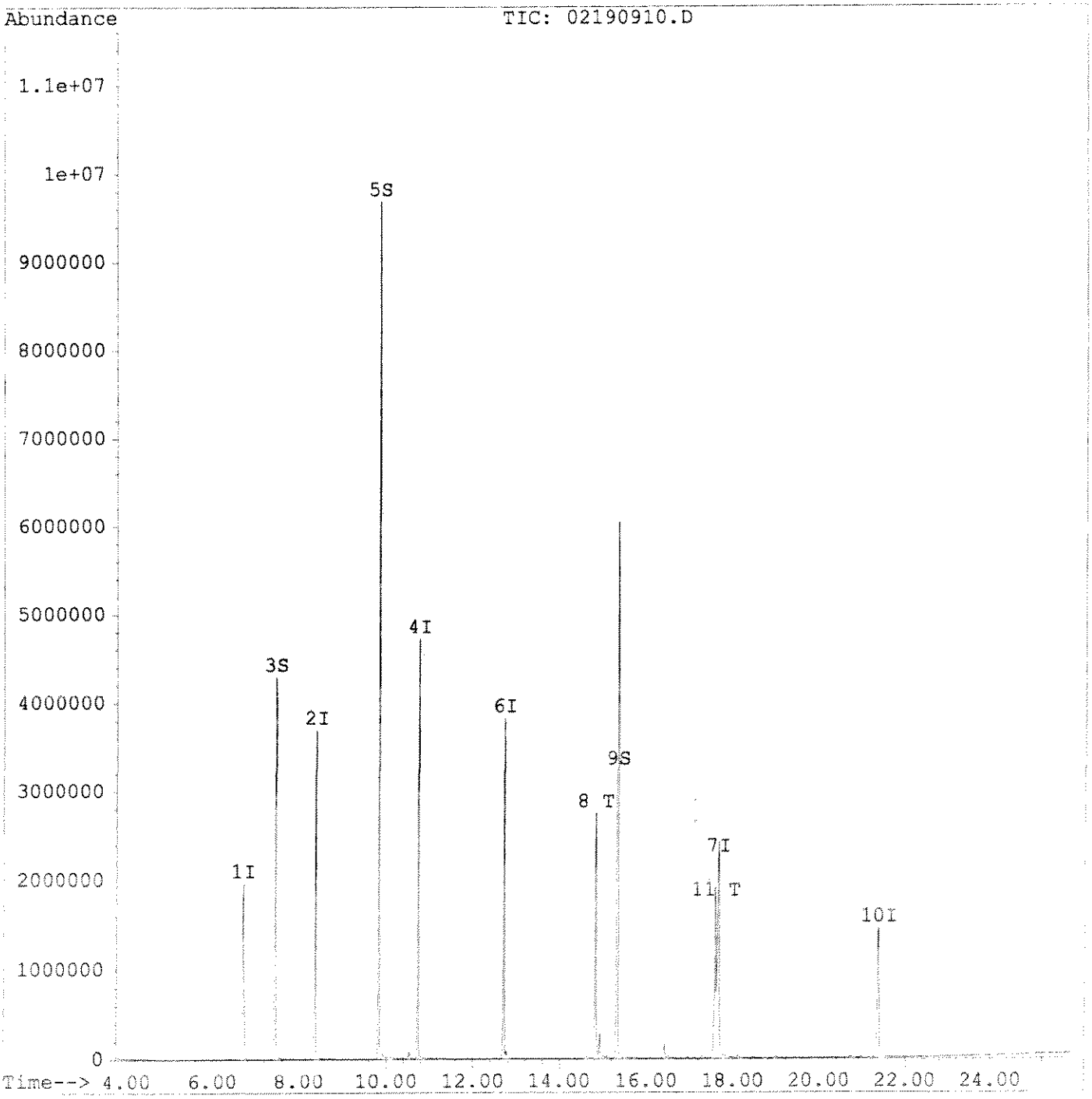
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.70	150	1167696	40.00	PPB	0.00
2) NAPHTHALENE-d8 INT. STD.	8.37	136	2943129	40.00	PPB	0.00
4) ACENAPHTHENE-d10 INT. STD.	10.73	162	1520670	40.00	PPB	0.00
6) PHENANTHRENE-d10 INT. STD.	12.70	188	2457569	40.00	PPB	0.00
7) CHRYSENE-d12 INT. STD.	17.66	240	2320233	40.00	PPB	0.00
10) PERYLENE-d12 INT. STD.	21.38	264	1602196	40.00	PPB	0.00
System Monitoring Compounds						**%Recovery**
3) NITROBENZENE-d5 SURR.	7.44	82	2924592	99.33	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.83	172	5336896	107.83	PPB	
9) TERPHENYL-d14 SURR.	15.32	244	4238332	102.78	PPB	
Target Compounds						**Qvalue**
8) BENZIDINE	14.83	184	2360315	65.92	PPB	99
11) 3,3'-DICHLOROBENZIDINE	17.59	252	1066366	58.97	PPB	96

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

Quantitation Report

Data File : c:\hpchem\1\data\feb09\021909\02190910.d Vial: 10
Acq On : 19 Feb 109 3:51 pm Operator:
Sample : bz std 60 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:37 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:37:20 2009
Response via : Single Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\feb09\021909\02190911.d Vial: 11
Acq On : 19 Feb 109 4:28 pm Operator:
Sample : bz std 80 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:37 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:37:20 2009
Response via : Single Level Calibration

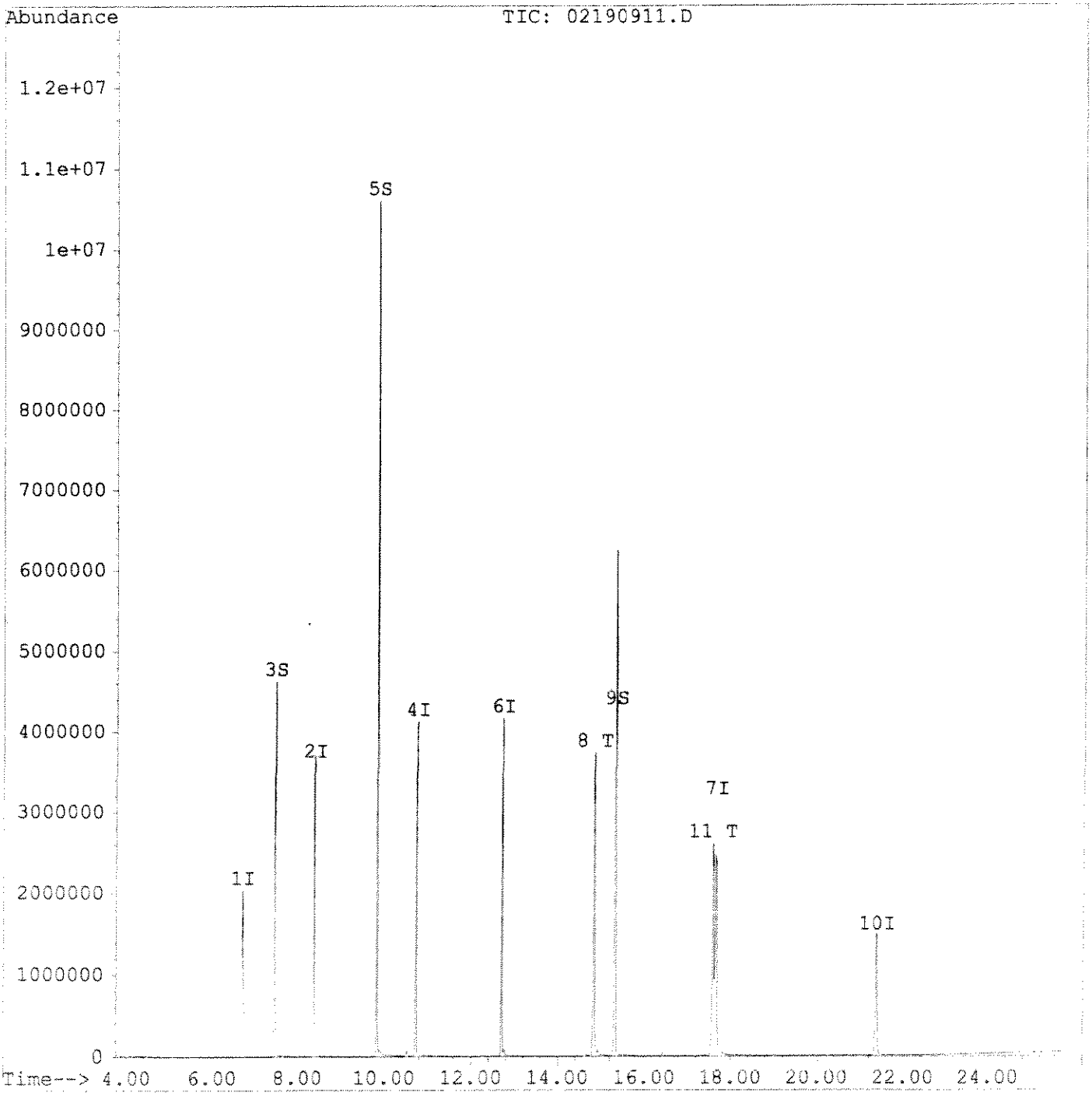
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.69	150	1191050	40.00	PPB	0.00
2) NAPHTHALENE-d8 INT. STD.	8.37	136	2957593	40.00	PPB	0.00
4) ACENAPHTHENE-d10 INT. STD.	10.73	162	1582666	40.00	PPB	0.00
6) PHENANTHRENE-d10 INT. STD.	12.71	188	2548398	40.00	PPB	0.00
7) CHRYSENE-d12 INT. STD.	17.66	240	2359103	40.00	PPB	0.00
10) PERYLENE-d12 INT. STD.	21.38	264	1647813	40.00	PPB	-0.01
System Monitoring Compounds						%Recovery
3) NITROBENZENE-d5 SURR.	7.44	82	2981111	100.76	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.82	172	5281020	102.52	PPB	
9) TERPHENYL-d14 SURR.	15.32	244	4237062	101.05	PPB	
Target Compounds						Qvalue
8) BENZIDINE	14.83	184	3213812	88.28	PPB	99
11) 3,3'-DICHLOROBENZIDINE	17.59	252	1382222	74.32	PPB	98

(#) = qualifier out of range (m) = manual integration
02190911.d BZ021909.M Fri Feb 20 08:39:05 2009

Quantitation Report

Data File : c:\hpchem\1\data\feb09\021909\02190911.d Vial: 11
Acq On : 19 Feb 109 4:28 pm Operator:
Sample : bz std 80 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:37 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:37:20 2009
Response via : Single Level Calibration



Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\FEB09\021909\02190912.D Vial: 3
Acq On : 19 Feb 109 5:04 pm Operator:
Sample : bz std 30 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	I	1,4-DICHLOROBENZENE-d4 INT.	1.000	1.000	0.0	91	0.00
2	I	NAPHTHALENE-d8 INT. STD.	1.000	1.000	0.0	94	0.00
3	S	NITROBENZENE-d5 SURR.	0.402	0.402	0.1	95	0.00
4	I	ACENAPHTHENE-d10 INT. STD.	1.000	1.000	0.0	94	0.00
5	S	2-FLUOROBIPHENYL SURR.	1.336	1.306	2.3	94	0.00
6	I	PHENANTHRENE-d10 INT. STD.	1.000	1.000	0.0	93	0.00
7	I	CHRYSENE-d12 INT. STD.	1.000	1.000	0.0	94	0.00
8	T	BENZIDINE	0.643	0.617	4.1	94	0.00
9	S	TERPHENYL-d14 SURR.	0.714	0.699	2.1	93	-0.01
10	I	PERYLENE-d12 INT. STD.	1.000	1.000	0.0	93	0.00
11	T	3,3'-DICHLOROBENZIDINE	0.450	0.456	-1.4	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
02190907.D BZ021909.M Fri Feb 20 08:40:38 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB09\021909\02190912.D Vial: 3
Acq On : 19 Feb 109 5:04 pm Operator:
Sample : bz std 30 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:40 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

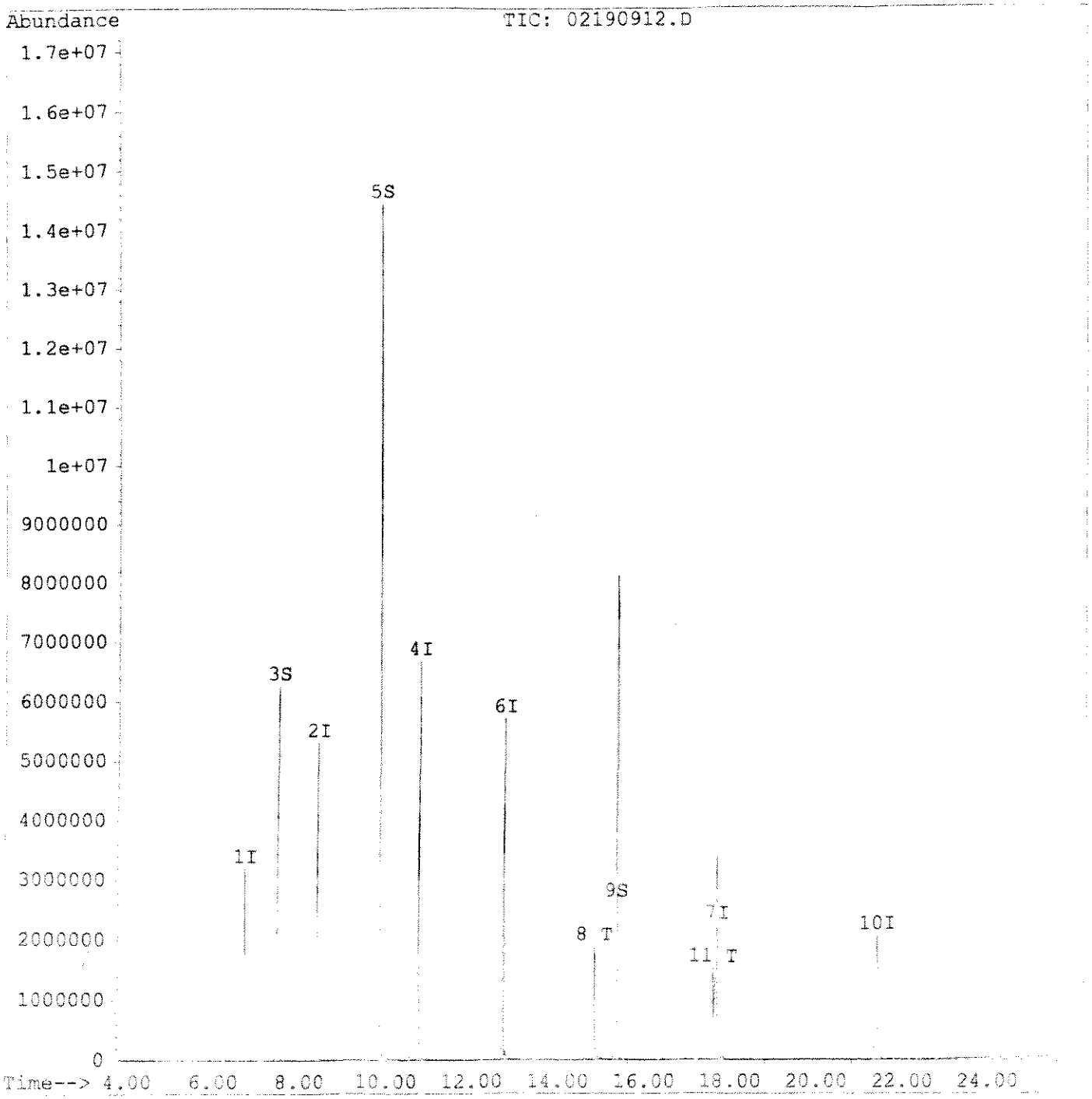
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.69	150	1651844	40.00	PPB	0.00
2) NAPHTHALENE-d8 INT. STD.	8.37	136	4204117	40.00	PPB	0.00
4) ACENAPHTHENE-d10 INT. STD.	10.73	162	2229740	40.00	PPB	0.00
6) PHENANTHRENE-d10 INT. STD.	12.71	188	3591822	40.00	PPB	0.00
7) CHRYSENE-d12 INT. STD.	17.66	240	3450549	40.00	PPB	0.00
10) PERYLENE-d12 INT. STD.	21.38	264	2359773	40.00	PPB	0.00
System Monitoring Compounds						**%Recovery**
3) NITROBENZENE-d5 SURR.	7.45	82	4220485	99.92	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.82	172	7280166	97.74	PPB	
9) TERPHENYL-d14 SURR.	15.32	244	6029041	97.94	PPB	
Target Compounds						**Qvalue**
8) BENZIDINE	14.82	184	1596578	28.76	PPB	100
11) 3,3'-DICHLOROBENZIDINE	17.58	252	807109	30.43	PPB	96

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

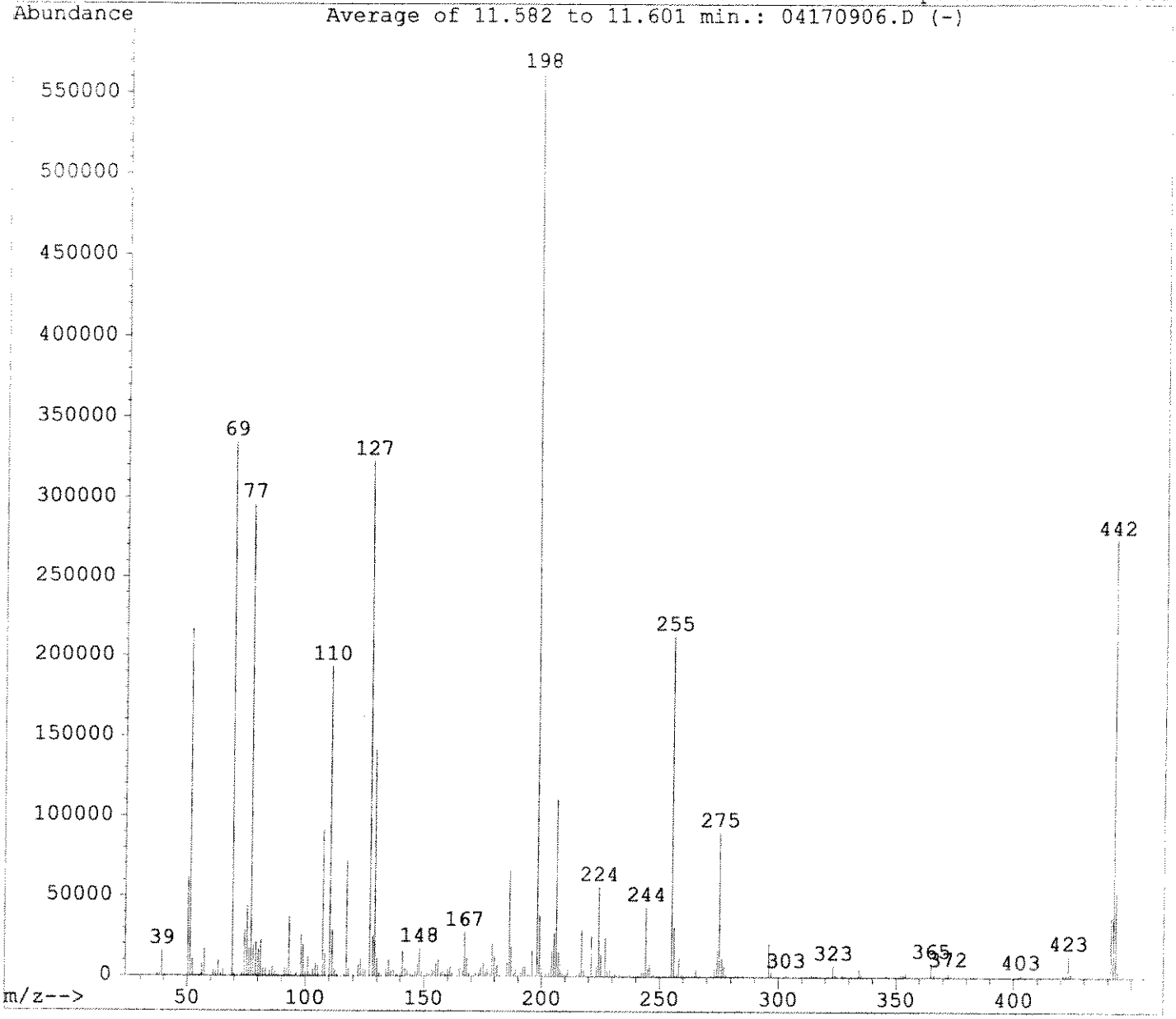
Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB09\021909\02190912.D Vial: 3
Acq On : 19 Feb 109 5:04 pm Operator:
Sample : bz std 30 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Feb 20 8:40 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration



C:\HPCHEM\1\DATA\APR09\041709\04170906.D Fri Apr 17 13:23:52 2009



Peak Apex is scan: 265
Average of 3 scans: 264,265,266 minus background scan 260

Target Mass	Comparison Mass	Lower Limit,%	Upper Limit,%	Relative Abundance,%	Result Pass/Fail
51	198	30	60	38.7	PASS
68	69	0	2	0.0	PASS
69	198	0	100	59.5	PASS
70	69	0	2	0.6	PASS
127	198	40	60	57.4	PASS
197	198	0	1	0.0	PASS
198	198	100	100	100.0	PASS
199	198	5	9	6.8	PASS
275	198	10	30	16.1	PASS
365	198	1	100	1.5	PASS
441	443	0	100	72.0	PASS
442	198	40	100	48.7	PASS
443	442	17	23	19.4	PASS

Response Factor Report SVGCMS2

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Initial Calibration

Calibration Files
20 =04170907.D 1 =04170908.D 10 =04170909.D
40 =04170910.D 50 =04170911.D 60 =04170912.D

		Compound	20	1	10	40	50	60	Avg	%RSD
1)	I	1,4-DICHLOROBENZENE-d	----------ISTD----------							
2)	T	N-NITROSODIMETHYLAM	0.474	0.565	0.504	0.424	0.422	0.384	0.4	15.94
3)	T	PYRIDINE	0.903	1.128	0.953	0.800	0.785	0.740	0.9	17.58
4)	S	2-FLUOROPHENOL SURR	0.752	0.816	0.779	0.691	0.680	0.637	0.7	10.85
5)	S	PHENOL-d6 SURR.	0.951	1.042	0.973	0.863	0.845	0.811	0.9	11.27
6)	T	PHENOL - CCC	1.094	1.394	1.158	0.991	0.954	0.898	1.0	18.30
7)		aniline	1.009	1.159	0.952	0.645	0.608	0.588	0.8	30.75
8)	T	BIS(2-CHLOROETHYL)E	1.029	1.132	1.058	0.892	0.894	0.838	0.9	13.88
9)	T	2-CHLOROPHENOL	0.823	1.002	0.855	0.759	0.735	0.661	0.8	16.71
10)	T	1,3 DICHLOROBENZENE	0.898	1.037	0.912	0.816	0.772	0.697	0.8	14.95
11)	T	1,4 DICHLOROBENZENE	0.854	1.084	0.997	0.805	0.829	0.739	0.9	16.76
12)		benzyl alcohol	0.760	0.905	0.810	0.678	0.675	0.622	0.7	15.06
13)	T	1,2-DICHLOROBENZENE	0.858	1.042	0.948	0.808	0.775	0.698	0.8	15.77
14)	T	2-METHYLPHENOL	0.775	0.832	0.778	0.684	0.664	0.603	0.7	13.73
15)	T	BIS(2-CHLOROISOPROP	1.217	1.517	1.337	1.105	1.079	0.956	1.2	18.66
16)	T	4-METHYLPHENOL	0.931	1.080	0.984	0.845	0.820	0.744	0.9	14.87
17)	T	N-NITROSO-DI-N-PROP	0.533	0.663	0.590	0.488	0.478	0.444	0.5	17.18
18)	T	HEXACHLOROETHANE	0.450	0.554	0.479	0.408	0.396	0.357	0.4	17.18
19)	I	NAPHTHALENE-d8 INT. S	----------ISTD----------							
20)	S	NITROBENZENE-d5 SUR	0.417	0.404	0.398	0.395	0.421	0.422	0.4	2.81
21)	T	NITROBENZENE	0.424	0.606	0.434	0.392	0.431	0.389	0.4	17.10
22)	T	ISOPHORONE	0.899	0.980	0.915	0.839	0.907	0.846	0.9	5.25
23)	T	2,4 DIMETHYLPHENOL	0.323	0.323	0.297	0.287	0.300	0.299	0.3	4.87
24)	T	benzoic acid	0.188	0.150	0.188	0.214	0.210	0.231	0.2	14.31
25)	T	2-NITROPHENOL - CCC	0.239	0.236	0.227	0.207	0.213	0.204	0.2	6.71
26)	T	BIS(2-CHLOROETHOXY)	0.501	0.515	0.496	0.474	0.475	0.450	0.5	5.36
27)	T	2,4 DICHLOROPHENOL	0.320	0.299	0.310	0.294	0.299	0.293	0.3	3.48
28)	T	1,2,4 TRICHLOROBENZ	0.307	0.315	0.322	0.290	0.318	0.292	0.3	4.34
29)	T	NAPHTHALENE	1.029	1.148	1.087	0.988	1.007	0.979	1.0	5.83
30)	T	4-CHLOROANILINE	0.325	0.375	0.361	0.295	0.327	0.313	0.3	8.27
31)	T	HEXACHLOROBUTADIENE	0.164	0.189	0.171	0.162	0.178	0.159	0.2	6.40
32)	T	4-CHLORO-3-METHYLPH	0.336	0.333	0.332	0.324	0.333	0.322	0.3	1.70
33)	T	2-METHYLNAPHTHALENE	0.678	0.718	0.686	0.620	0.659	0.631	0.7	5.25
34)	T	2-NITROANILINE	0.257	0.218	0.242	0.243	0.252	0.233	0.2	5.62
35)	I	ACENAPHTHENE-d10 INT.	----------ISTD----------							
36)	T	HEXACHLOROCYCLOPENT	0.236	0.205	0.248	0.256	0.251	0.273	0.2	9.35
37)	T	2,4,6-TRICHLOROPHEN	0.359	0.349	0.361	0.332	0.371	0.333	0.3	4.47
38)	T	2,4,5 TRICHLOROPHEN	0.365	0.357	0.369	0.364	0.362	0.336	0.4	3.01
39)	S	2-FLUOROBIPHENYL SU	1.402	1.231	1.307	1.324	1.339	1.310	1.3	4.14
40)	T	2-CHLORONAPHTHALENE	1.164	1.362	1.229	1.151	1.227	1.103	1.2	6.88
41)	T	DIMETHYLPHTHALATE	1.486	1.655	1.607	1.467	1.512	1.373	1.5	6.41
42)	T	2,6 DINITROTOLUENE	0.371	0.332	0.361	0.347	0.364	0.334	0.4	4.31
43)	T	ACENAPHTHYLENE	1.913	2.136	1.960	1.834	1.844	1.765	1.9	6.41
44)	T	3-NITROANILINE	0.348	0.177	0.407	0.323	0.291	0.280	0.3	23.09
45)	T	ACENAPHTHENE - CCC	1.143	1.299	1.221	1.118	1.106	1.020	1.1	8.12
46)	T	2,4-DINITROPHENOL -	0.168		0.124	0.160	0.175	0.173	0.2	13.59
47)	T	4-NITROPHENOL - SPC	0.224		0.176	0.219	0.234	0.225	0.2	12.74
48)	T	DIBENZOFURAN	1.751	1.996	1.794	1.669	1.730	1.602	1.7	7.15
49)	T	2,4 DINITROTOLUENE	0.486	0.401	0.487	0.472	0.484	0.453	0.5	6.64
50)	T	DIETHYLPHTHLATE	1.562	1.847	1.591	1.597	1.522	1.487	1.6	7.78
51)	T	4-CHLOROPHENYLPHENY	0.589	0.689	0.628	0.577	0.579	0.549	0.6	7.95
52)	T	FLUORENE	1.399	1.529	1.454	1.316	1.324	1.257	1.4	7.07
53)	T	4-NITROANILINE	0.186	0.217	0.243	0.184	0.174	0.157	0.2	15.64
54)	I	PHENANTHRENE-d10 INT.	----------ISTD----------							

55)	T	4,6-DINITRO-2-METHY	0.147	0.132	0.145	0.147	0.149	0.150	0.1	4.47
56)	T	N-NITROSODIPHENYLAM	0.409	0.435	0.439	0.400	0.391	0.395	0.4	5.45
57)	T	1,2 DIPHENYLHYDRAZI	1.249	1.358	1.260	1.281	1.222	1.189	1.3	4.39
58)	S	2,4,6 TRIBROMOPHENO	0.100	0.100	0.098	0.099	0.099	0.098	0.1	0.76
59)	T	4-BROMOPHENYLPHENYL	0.097	0.112	0.098	0.097	0.097	0.094	0.1	6.33
60)	T	HEXACHLOROBENZENE	0.202	0.229	0.200	0.195	0.189	0.188	0.2	7.30
61)	T	PENTACHLOROPHENOL -	0.124	0.114	0.122	0.126	0.123	0.126	0.1	3.55
62)	T	PHENANTHRENE	1.169	1.368	1.175	1.131	1.086	1.088	1.2	8.58
63)	T	ANTHRACENE	1.187	1.333	1.203	1.085	1.096	1.127	1.2	7.89
64)	T	CARBAZOLE	1.027	1.237	1.130	1.058	1.042	0.971	1.1	9.78
65)	T	DI-N-BUTYLPHTHALATE	1.701	1.972	1.787	1.681	1.676	1.599	1.7	7.06
66)	T	FLUORANTHENE - CCC	1.097	1.337	1.143	1.059	1.044	1.013	1.1	10.21
67)	I	CHRYSENE-d12 INT. STD	----------	----------	ISTD	----------	----------	----------		
69)	T	PYRENE	1.197	1.420	1.246	1.149	1.210	1.157	1.2	7.75
70)	S	TERPHENYL-d14 SURR.	0.744	0.742	0.728	0.738	0.760	0.777	0.8	2.46
71)	T	BUTYLBENZYLPHTHALAT	0.822	1.048	0.853	0.821	0.834	0.828	0.9	9.73
72)	T	BIS(2-ETHYLHEXYL)PH	1.144	1.643	1.256	1.161	1.170	1.120	1.2	15.15
73)	T	BENZO(A)ANTHRACENE	0.971	1.231	1.001	0.935	0.954	0.939	1.0	10.49
74)	T	CHRYSENE	0.926	1.187	0.976	0.902	0.920	0.885	1.0	11.00
75)	I	PERYLENE-d12 INT. STD	----------	----------	ISTD	----------	----------	----------		
77)	T	DI-N-OCTYL PHTHALAT	3.046	3.119	2.850	3.158	3.269	3.012	3.1	4.33
78)	T	BENZO(B)FLOURANTHEN	1.372	1.290	1.184	1.400	1.419	1.351	1.3	6.00
79)	T	BENZO(K)FLUORANTHEN	1.264	1.220	1.193	1.241	1.287	1.230	1.2	2.61
80)	T	BENZO(A)PYRENE - CC	1.161	1.183	1.049	1.148	1.188	1.133	1.1	4.09
81)	T	DIBENZO(A,H)ANTHRAC	0.957	0.825	0.866	0.974	0.970	0.945	0.9	6.28
82)	T	INDENO(1,2,3-CD)PYR	1.127	0.957	1.012	1.143	1.146	1.104	1.1	6.77
83)	T	BENZO(G,H,I)PERYLEN	0.930	0.906	0.852	0.951	0.951	0.908	0.9	3.76

(#) = Out of Range ### Number of calibration levels exceeded format ###

G2041709.M Mon Apr 20 10:01:01 2009

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170907.d Vial: 3
Acq On : 17 Apr 109 1:33 pm Operator:
Sample : bna std 20 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:40 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.64	150	2341191	40.00	PPB	0.00
19) NAPHTHALENE-d8 INT. STD.	8.31	136	5281612	40.00	PPB	0.00
35) ACENAPHTHENE-d10 INT. STD.	10.67	162	2836496	40.00	PPB	0.00
54) PHENANTHRENE-d10 INT. STD.	12.65	188	4534975	40.00	PPB	0.01
67) CHRYSENE-d12 INT. STD.	17.57	240	4101764	40.00	PPB	0.00
75) PERYLENE-d12 INT. STD.	21.27	264	2683698	40.00	PPB	0.00
System Monitoring Compounds						%Recovery
4) 2-FLUOROPHENOL SURR.	5.12	112	4403988	100.00	PPB	
5) PHENOL-d6 SURR.	6.25	99	5569102	100.00	PPB	
20) NITROBENZENE-d5 SURR.	7.39	82	5511494	100.00	PPB	
39) 2-FLUOROBIPHENYL SURR.	9.77	172	9943955	100.00	PPB	
58) 2,4,6 TRIBROMOPHENOL SURR.	11.74	330	1128680	100.00	PPB	
70) TERPHENYL-d14 SURR.	15.25	244	7633032	100.00	PPB	
Target Compounds						Qvalue
2) N-NITROSODIMETHYLAMINE	3.54	74	554542	20.00	PPB	90
3) PYRIDINE	3.51	79	1056689	20.00	PPB	95
6) PHENOL - CCC	6.28	94	1280421	20.00	PPB	97
7) aniline	6.28	93	1181691	20.00	PPB	97
8) BIS(2-CHLOROETHYL)ETHER	6.36	93	1204787	20.00	PPB	99
9) 2-CHLOROPHENOL	6.42	128	962945	20.00	PPB	97
10) 1,3 DICHLOROBENZENE	6.59	146	1050728	20.00	PPB	97
11) 1,4 DICHLOROBENZENE - CCC	6.66	146	1000136	20.00	PPB	96
12) benzyl alcohol	6.84	79	889504	20.00	PPB	96
13) 1,2-DICHLOROBENZENE	6.90	146	1004628	20.00	PPB	99
14) 2-METHYLPHENOL	7.02	108	907404	20.00	PPB	95
15) BIS(2-CHLOROISOPROPYL)ETHE	7.04	45	1424078	20.00	PPB	97
16) 4-METHYLPHENOL	7.21	107	1089718	20.00	PPB	98
17) N-NITROSO-DI-N-PROPYLAMINE	7.23	43	624285	20.00	PPB	97
18) HEXACHLOROETHANE	7.30	117	527122	20.00	PPB	99
21) NITROBENZENE	7.42	77	1120855	20.00	PPB	98
22) ISOPHORONE	7.71	82	2374937	20.00	PPB	99
23) 2,4 DIMETHYLPHENOL	7.89	107	853892	20.00	PPB	97
24) benzoic acid	8.06	105	496979	20.00	PPB	95
25) 2-NITROPHENOL - CCC	7.83	139	631905	20.00	PPB	89
26) BIS(2-CHLOROETHOXY)METHANE	8.00	93	1322901	20.00	PPB	99
27) 2,4 DICHLOROPHENOL - CCC	8.14	162	843971	20.00	PPB	97
28) 1,2,4 TRICHLOROBENZENE	8.25	180	810089	20.00	PPB	99
29) NAPHTHALENE	8.33	128	2716338	20.00	PPB	99
30) 4-CHLOROANILINE	8.42	127	859278	20.00	PPB	99
31) HEXACHLOROBUTADIENE - CCC	8.58	225	432630	20.00	PPB	100
32) 4-CHLORO-3-METHYLPHENOL -	9.07	107	887580	20.00	PPB	97
33) 2-METHYLNAPHTHALENE	9.24	142	1789520	20.00	PPB	100
34) 2-NITROANILINE	10.07	138	678552	20.00	PPB	96
36) HEXACHLOROCYCLOPENTADIENE	9.55	237	334288	20.00	PPB	99
37) 2,4,6-TRICHLOROPHENOL - CC	9.67	196	508525	20.00	PPB	99
38) 2,4,5 TRICHLOROPHENOL	9.72	196	517057	20.00	PPB	99
40) 2-CHLORONAPHTHALENE	9.90	162	1650769	20.00	PPB	100
41) DIMETHYLPHTHALATE	10.34	163	2107353	20.00	PPB	97
42) 2,6 DINITROTOLUENE	10.44	165	525686	20.00	PPB	95
43) ACENAPHTHYLENE	10.46	152	2712595	20.00	PPB	100

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170907.d Vial: 3
Acq On : 17 Apr 109 1:33 pm Operator:
Sample : bna std 20 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:40 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

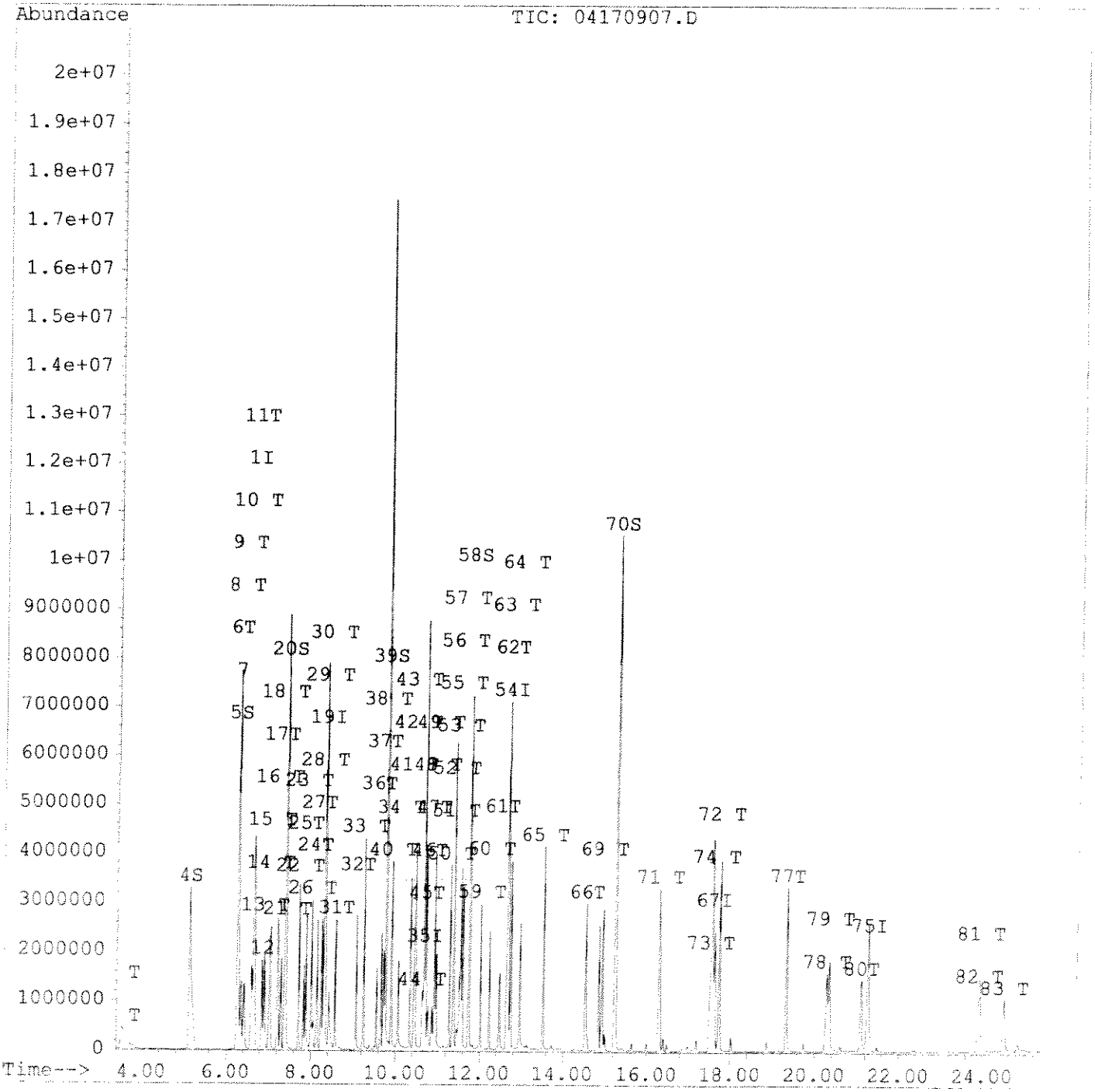
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
44)	3-NITROANILINE	10.62	65	493843	20.00	PPB		96
45)	ACENAPHTHENE - CCC	10.71	153	1620666	20.00	PPB		96
46)	2,4-DINITROPHENOL - SPCC	10.76	184	238315	20.00	PPB		97
47)	4-NITROPHENOL - SPCC	10.86	139	317153	20.00	PPB		95
48)	DIBENZOFURAN	10.92	168	2484049	20.00	PPB		99
49)	2,4 DINITROTOLUENE	10.96	165	688731	20.00	PPB		95
50)	DIETHYLPHTHLATE	11.28	149	2215810	20.00	PPB		99
51)	4-CHLOROPHENYLPHENYL ETHER	11.37	204	835835	20.00	PPB		98
52)	FLUORENE	11.39	166	1983542	20.00	PPB		99
53)	4-NITROANILINE	11.46	138	264100	20.00	PPB		92
55)	4,6-DINITRO-2-METHYLPHENOL	11.50	198	332843	20.00	PPB	#	98
56)	N-NITROSODIPHENYLAMINE	11.54	168	926968	20.00	PPB	#	100
57)	1,2 DIPHENYLHYDRAZINE	11.58	77	2832106	20.00	PPB		98
59)	4-BROMOPHENYLPHENYL ETHER	12.02	51	220682	20.00	PPB	#	87
60)	HEXACHLOROBENZENE	12.23	284	457778	20.00	PPB		99
61)	PENTACHLOROPHENOL - CCC	12.47	266	281004	20.00	PPB		98
62)	PHENANTHRENE	12.67	178	2650821	20.00	PPB		99
63)	ANTHRACENE	12.73	178	2692328	20.00	PPB		100
64)	CARBAZOLE	12.96	167	2328693	20.00	PPB		97
65)	DI-N-BUTYLPHTHALATE	13.51	149	3857483	20.00	PPB		100
66)	FLUORANTHENE - CCC	14.53	202	2487664	20.00	PPB		99
68)	BENZIDINE	0.00	184		Not Detected			
69)	PYRENE	14.94	202	2455240	20.00	PPB		100
71)	BUTYLBENZYLPHTHALATE	16.30	149	1686818	20.00	PPB		98
72)	BIS(2-ETHYLHEXYL)PHTHALATE	17.73	149	2345664	20.00	PPB		100
73)	BENZO(A)ANTHRACENE	17.51	228	1991527	20.00	PPB		100
74)	CHRYSENE	17.63	228	1899014	20.00	PPB		99
76)	3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected			
77)	DI-N-OCTYL PHTHALATE - CCC	19.32	149	4087657	20.00	PPB		100
78)	BENZO(B)FLOURANTHENE	20.27	252	1841494	20.00	PPB		99
79)	BENZO(K)FLUORANTHENE	20.34	252	1695933	20.15	PPB	m	55
80)	BENZO(A)PYRENE - CCC	21.11	252	1557733	20.00	PPB		97
81)	DIBENZO(A,H)ANTHRACENE	23.94	278	1283611	20.00	PPB		100
82)	INDENO(1,2,3-CD)PYRENE	23.91	276	1512495	20.00	PPB		99
83)	BENZO(G,H,I)PERYLENE	24.51	276	1248298	20.00	PPB		96

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170907.d Vial: 3
Acq On : 17 Apr 109 1:33 pm Operator:
Sample : bna std 20 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:40 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170908.d Vial: 4
Acq On : 17 Apr 109 2:10 pm Operator:
Sample : bna std 1 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:41 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.65	150	2187872	40.00	PPB		0.00
19) NAPHTHALENE-d8 INT. STD.	8.31	136	5519913	40.00	PPB		0.00
35) ACENAPHTHENE-d10 INT. STD.	10.67	162	3018280	40.00	PPB		0.00
54) PHENANTHRENE-d10 INT. STD.	12.64	188	4611630	40.00	PPB		0.00
67) CHRYSENE-d12 INT. STD.	17.56	240	4117195	40.00	PPB		0.00
75) PERYLENE-d12 INT. STD.	21.27	264	3056425	40.00	PPB		0.00
System Monitoring Compounds							%Recovery
4) 2-FLUOROPHENOL SURR.	5.12	112	4465859	108.51	PPB		
5) PHENOL-d6 SURR.	6.26	99	5699104	109.51	PPB		
20) NITROBENZENE-d5 SURR.	7.39	82	5580201	96.88	PPB		
39) 2-FLUOROBIPHENYL SURR.	9.77	172	9287691	87.78	PPB		
58) 2,4,6 TRIBROMOPHENOL SURR.	11.74	330	1150544	100.24	PPB		
70) TERPHENYL-d14 SURR.	15.25	244	7640270	99.72	PPB		
Target Compounds							Qvalue
2) N-NITROSODIMETHYLAMINE	3.56	74	30930	1.19	PPB		80
3) PYRIDINE	3.55	79	61712	1.25	PPB	m	53
6) PHENOL - CCC	6.27	94	76230	1.27	PPB	#	1
7) aniline	6.29	93	63412	1.15	PPB	#	1
8) BIS(2-CHLOROETHYL)ETHER	6.36	93	61934	1.10	PPB		93
9) 2-CHLOROPHENOL	6.43	128	54788	1.22	PPB		97
10) 1,3 DICHLOROBENZENE	6.60	146	56740	1.16	PPB		94
11) 1,4 DICHLOROBENZENE - CCC	6.66	146	59282	1.27	PPB	#	71
12) benzyl alcohol	6.85	79	49490	1.19	PPB		97
13) 1,2-DICHLOROBENZENE	6.90	146	56970	1.21	PPB		99
14) 2-METHYLPHENOL	7.02	108	45514	1.07	PPB		96
15) BIS(2-CHLOROISOPROPYL)ETHE	7.04	45	82975	1.25	PPB		96
16) 4-METHYLPHENOL	7.20	107	59097	1.16	PPB		97
17) N-NITROSO-DI-N-PROPYLAMINE	7.22	43	36265	1.24	PPB		98
18) HEXACHLOROETHANE	7.30	117	30308	1.23	PPB		96
21) NITROBENZENE	7.41	77	83568	1.43	PPB		88
22) ISOPHORONE	7.71	82	135226	1.09	PPB		99
23) 2,4 DIMETHYLPHENOL	7.89	107	44556	1.00	PPB		98
24) benzoic acid	7.99	105	13709	0.53	PPB	#	74
25) 2-NITROPHENOL - CCC	7.83	139	32579	0.99	PPB		90
26) BIS(2-CHLOROETHOXY)METHANE	8.00	93	71054	1.03	PPB		98
27) 2,4 DICHLOROPHENOL - CCC	8.15	162	41201	0.93	PPB		95
28) 1,2,4 TRICHLOROBENZENE	8.25	180	43498	1.03	PPB		91
29) NAPHTHALENE	8.33	128	158433	1.12	PPB		83
30) 4-CHLOROANILINE	8.43	127	51702	1.15	PPB		99
31) HEXACHLOROBUTADIENE - CCC	8.58	225	26075	1.15	PPB		96
32) 4-CHLORO-3-METHYLPHENOL -	9.07	107	45968	0.99	PPB		96
33) 2-METHYLNAPHTHALENE	9.25	142	99056	1.06	PPB		96
34) 2-NITROANILINE	10.07	138	30037	0.85	PPB		98
36) HEXACHLOROCYCLOPENTADIENE	9.55	237	6785	0.38	PPB		95
37) 2,4,6-TRICHLOROPHENOL - CC	9.66	196	26317	0.97	PPB		95
38) 2,4,5 TRICHLOROPHENOL	9.73	196	26922	0.98	PPB	#	66
40) 2-CHLORONAPHTHALENE	9.90	162	102752	1.17	PPB		98
41) DIMETHYLPHTHALATE	10.33	163	124903	1.11	PPB		96
42) 2,6 DINITROTOLUENE	10.44	165	25029	0.89	PPB	#	38
43) ACENAPHTHYLENE	10.46	152	161197	1.12	PPB		99

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170908.d Vial: 4
Acq On : 17 Apr 109 2:10 pm Operator:
Sample : bna std 1 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:41 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

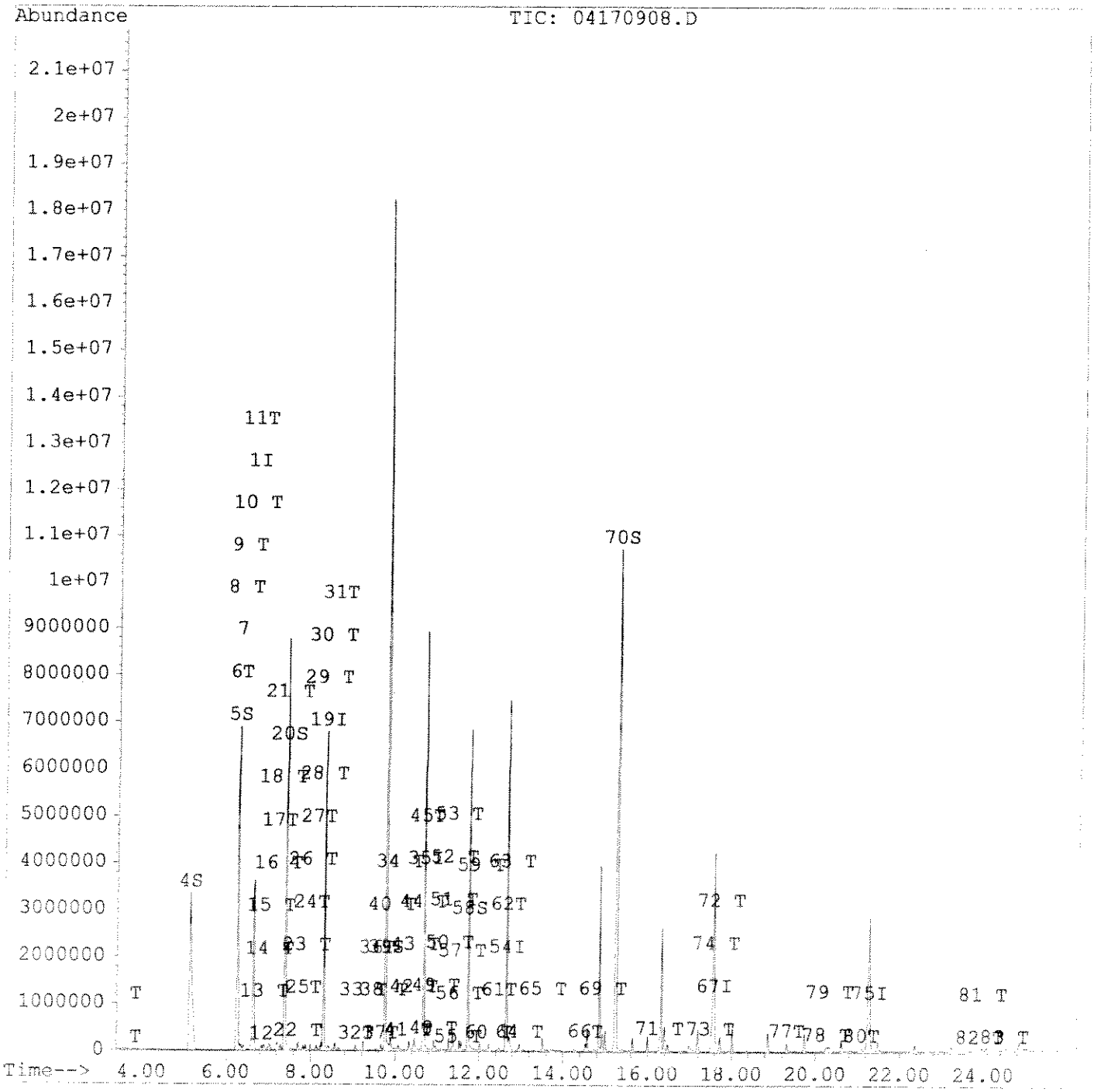
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
44)	3-NITROANILINE	10.65	65	13363	0.51 PPB	m	57
45)	ACENAPHTHENE - CCC	10.71	153	97999	1.14 PPB		99
46)	2,4-DINITROPHENOL - SPCC	0.00	184		Not Detected		
47)	4-NITROPHENOL - SPCC	0.00	139		Not Detected		
48)	DIBENZOFURAN	10.91	168	150598	1.14 PPB		91
49)	2,4 DINITROTOLUENE	10.96	165	30249	0.83 PPB	#	86
50)	DIETHYLPHTHLATE	11.28	149	139376	1.18 PPB		99
51)	4-CHLOROPHENYLPHENYL ETHER	11.37	204	52023	1.17 PPB		97
52)	FLUORENE	11.38	166	115337	1.09 PPB		100
53)	4-NITROANILINE	11.48	138	16374	1.17 PPB		90
55)	4,6-DINITRO-2-METHYLPHENOL	11.51	198	7727	0.46 PPB	#	80
56)	N-NITROSODIPHENYLAMINE	11.53	168	50202	1.07 PPB	#	92
57)	1,2 DIPHENYLHYDRAZINE	11.58	77	156538	1.09 PPB		96
59)	4-BROMOPHENYLPHENYL ETHER	12.01	51	12903	1.15 PPB		94
60)	HEXACHLOROBENZENE	12.23	284	26380	1.13 PPB		95
61)	PENTACHLOROPHENOL - CCC	12.47	266	7968	0.56 PPB		92
62)	PHENANTHRENE	12.67	178	157729	1.17 PPB		95
63)	ANTHRACENE	12.74	178	153653	1.12 PPB		99
64)	CARBAZOLE	12.96	167	142579	1.20 PPB		97
65)	DI-N-BUTYLPHTHALATE	13.51	149	227370	1.16 PPB		98
66)	FLUORANTHENE - CCC	14.53	202	154106	1.22 PPB		99
68)	BENZIDINE	0.00	184		Not Detected		
69)	PYRENE	14.93	202	146166	1.19 PPB		100
71)	BUTYLBENZYLPHTHALATE	16.29	149	107902	1.27 PPB		96
72)	BIS(2-ETHYLHEXYL)PHTHALATE	17.72	149	169096	1.44 PPB		95
73)	BENZO(A)ANTHRACENE	17.51	228	126739	1.27 PPB		98
74)	CHRYSENE	17.61	228	122198	1.28 PPB		98
76)	3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected		
77)	DI-N-OCTYL PHTHALATE - CCC	19.32	149	238354	1.02 PPB		97
78)	BENZO(B)FLOURANTHENE	20.27	252	98532	0.94 PPB		95
79)	BENZO(K)FLUORANTHENE	20.33	252	93229	0.97 PPB	m	75
80)	BENZO(A)PYRENE - CCC	21.09	252	90375	1.02 PPB		94
81)	DIBENZO(A,H)ANTHRACENE	23.97	278	63036	0.86 PPB		97
82)	INDENO(1,2,3-CD)PYRENE	23.91	276	73156	0.85 PPB		98
83)	BENZO(G,H,I)PERYLENE	24.51	276	69236	0.97 PPB		97

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170908.d Vial: 4
Acq On : 17 Apr 109 2:10 pm Operator:
Sample : bna std 1 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:41 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170909.d Vial: 5
Acq On : 17 Apr 109 2:47 pm Operator:
Sample : bna std 10 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:42 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.64	150	2192530	40.00	PPB		0.00
19) NAPHTHALENE-d8 INT. STD.	8.30	136	5269393	40.00	PPB		0.00
35) ACENAPHTHENE-d10 INT. STD.	10.67	162	2803852	40.00	PPB		0.00
54) PHENANTHRENE-d10 INT. STD.	12.64	188	4546396	40.00	PPB		0.00
67) CHRYSENE-d12 INT. STD.	17.56	240	4031548	40.00	PPB		0.00
75) PERYLENE-d12 INT. STD.	21.27	264	2957367	40.00	PPB		0.00
System Monitoring Compounds							%Recovery
4) 2-FLUOROPHENOL SURR.	5.13	112	4269260	103.51	PPB		
5) PHENOL-d6 SURR.	6.25	99	5334956	102.29	PPB		
20) NITROBENZENE-d5 SURR.	7.40	82	5244377	95.37	PPB		
39) 2-FLUOROBIPHENYL SURR.	9.76	172	9160543	93.19	PPB		
58) 2,4,6 TRIBROMOPHENOL SURR.	11.74	330	1113058	98.37	PPB		
70) TERPHENYL-d14 SURR.	15.24	244	7336642	97.79	PPB		
Target Compounds							Qvalue
2) N-NITROSODIMETHYLAMINE	3.54	74	276231	10.64	PPB		90
3) PYRIDINE	3.53	79	522423	10.56	PPB		91
6) PHENOL - CCC	6.28	94	634897	10.59	PPB		93
7) aniline	6.28	93	521917	9.43	PPB	#	81
8) BIS(2-CHLOROETHYL)ETHER	6.36	93	579788	10.28	PPB		99
9) 2-CHLOROPHENOL	6.42	128	468915	10.40	PPB		99
10) 1,3 DICHLOROBENZENE	6.60	146	499999	10.16	PPB		99
11) 1,4 DICHLOROBENZENE - CCC	6.67	146	546291	11.67	PPB		97
12) benzyl alcohol	6.84	79	443723	10.65	PPB		96
13) 1,2-DICHLOROBENZENE	6.90	146	519430	11.04	PPB		98
14) 2-METHYLPHENOL	7.02	108	426492	10.04	PPB		97
15) BIS(2-CHLOROISOPROPYL)ETHE	7.04	45	733032	10.99	PPB		97
16) 4-METHYLPHENOL	7.20	107	539592	10.57	PPB		98
17) N-NITROSO-DI-N-PROPYLAMINE	7.22	43	323521	11.07	PPB		97
18) HEXACHLOROETHANE	7.30	117	262415	10.63	PPB		99
21) NITROBENZENE	7.41	77	572359	10.24	PPB		100
22) ISOPHORONE	7.70	82	1205057	10.17	PPB		99
23) 2,4 DIMETHYLPHENOL	7.88	107	391104	9.18	PPB		98
24) benzoic acid	8.02	105	197543	7.97	PPB		97
25) 2-NITROPHENOL - CCC	7.83	139	299499	9.50	PPB		91
26) BIS(2-CHLOROETHOXY)METHANE	8.00	93	653958	9.91	PPB		98
27) 2,4 DICHLOROPHENOL - CCC	8.14	162	407986	9.69	PPB		96
28) 1,2,4 TRICHLOROBENZENE	8.26	180	424724	10.51	PPB		98
29) NAPHTHALENE	8.33	128	1431999	10.57	PPB		99
30) 4-CHLOROANILINE	8.42	127	476036	11.11	PPB		100
31) HEXACHLOROBUTADIENE - CCC	8.57	225	225876	10.47	PPB		99
32) 4-CHLORO-3-METHYLPHENOL -	9.07	107	437225	9.87	PPB		97
33) 2-METHYLNAPHTHALENE	9.24	142	903837	10.12	PPB		99
34) 2-NITROANILINE	10.07	138	318988	9.42	PPB		98
36) HEXACHLOROCYCLOPENTADIENE	9.56	237	143862	8.71	PPB		99
37) 2,4,6-TRICHLOROPHENOL - CC	9.66	196	253125	10.07	PPB		99
38) 2,4,5 TRICHLOROPHENOL	9.72	196	258418	10.11	PPB		97
40) 2-CHLORONAPHTHALENE	9.89	162	861591	10.56	PPB		99
41) DIMETHYLPHTHALATE	10.34	163	1126588	10.82	PPB		97
42) 2,6 DINITROTOLUENE	10.43	165	253258	9.75	PPB		98
43) ACENAPHTHYLENE	10.46	152	1373626	10.25	PPB		100

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170909.d Vial: 5
Acq On : 17 Apr 109 2:47 pm Operator:
Sample : bna std 10 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:42 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

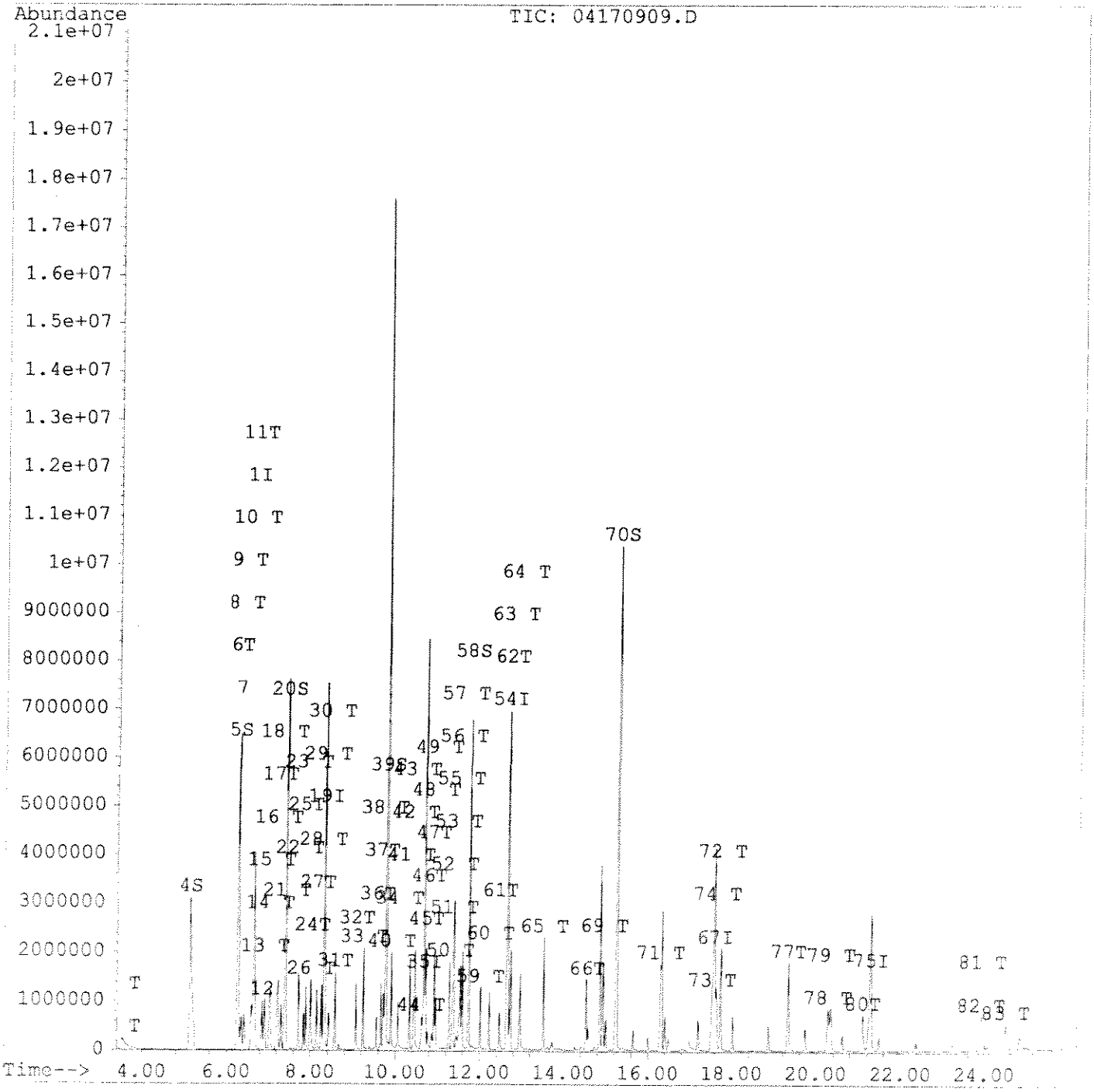
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
44)	3-NITROANILINE	10.62	65	285590	11.70	PPB		98
45)	ACENAPHTHENE - CCC	10.71	153	856202	10.69	PPB		95
46)	2,4-DINITROPHENOL - SPCC	10.76	184	87031	7.39	PPB		94
47)	4-NITROPHENOL - SPCC	10.86	139	123279	7.86	PPB	#	77
48)	DIBENZOFURAN	10.91	168	1257369	10.24	PPB		98
49)	2,4 DINITROTOLUENE	10.96	165	341439	10.03	PPB		96
50)	DIETHYLPHTHLATE	11.29	149	1115424	10.19	PPB		98
51)	4-CHLOROPHENYLPHENYL ETHER	11.37	204	440185	10.66	PPB		96
52)	FLUORENE	11.38	166	1019281	10.40	PPB		100
53)	4-NITROANILINE	11.45	138	170649	13.07	PPB		95
55)	4,6-DINITRO-2-METHYLPHENOL	11.51	198	150371	9.01	PPB	#	99
56)	N-NITROSODIPHENYLAMINE	11.54	168	498688	10.73	PPB	#	99
57)	1,2 DIPHENYLHYDRAZINE	11.58	77	1432292	10.09	PPB		85
59)	4-BROMOPHENYLPHENYL ETHER	12.01	51	111205	10.05	PPB		89
60)	HEXACHLOROBENZENE	12.23	284	227657	9.92	PPB		98
61)	PENTACHLOROPHENOL - CCC	12.46	266	129991	9.23	PPB		97
62)	PHENANTHRENE	12.68	178	1335277	10.05	PPB		99
63)	ANTHRACENE	12.74	178	1367889	10.14	PPB		100
64)	CARBAZOLE	12.96	167	1284793	11.01	PPB		97
65)	DI-N-BUTYLPHTHALATE	13.51	149	2030621	10.50	PPB		99
66)	FLUORANTHENE - CCC	14.53	202	1298610	10.41	PPB		100
68)	BENZIDINE	0.00	184		Not Detected			
69)	PYRENE	14.93	202	1256324	10.41	PPB		100
71)	BUTYLBENZYLPHTHALATE	16.29	149	859833	10.37	PPB		99
72)	BIS(2-ETHYLHEXYL)PHTHALATE	17.72	149	1266342	10.99	PPB		100
73)	BENZO(A)ANTHRACENE	17.52	228	1008724	10.31	PPB		100
74)	CHRYSENE	17.62	228	983519	10.54	PPB		99
76)	3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected			
77)	DI-N-OCTYL PHTHALATE - CCC	19.32	149	2107022	9.36	PPB		99
78)	BENZO(B)FLOURANTHENE	20.27	252	875016	8.62	PPB		99
79)	BENZO(K)FLUORANTHENE	20.33	252	882199	9.51	PPB	m	77
80)	BENZO(A)PYRENE - CCC	21.09	252	775657	9.04	PPB		98
81)	DIBENZO(A,H)ANTHRACENE	23.93	278	640248	9.05	PPB		99
82)	INDENO(1,2,3-CD)PYRENE	23.90	276	748385	8.98	PPB		99
83)	BENZO(G,H,I)PERYLENE	24.50	276	629582	9.15	PPB		97

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170909.d Vial: 5
Acq On : 17 Apr 109 2:47 pm Operator:
Sample : bna std 10 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:42 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170910.d Vial: 6
Acq On : 17 Apr 109 3:24 pm Operator:
Sample : bna std 40 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.64	150	1596142	40.00	PPB		0.00
19) NAPHTHALENE-d8 INT. STD.	8.30	136	3469116	40.00	PPB		0.00
35) ACENAPHTHENE-d10 INT. STD.	10.67	162	1812020	40.00	PPB		0.00
54) PHENANTHRENE-d10 INT. STD.	12.64	188	2873358	40.00	PPB		0.00
67) CHRYSENE-d12 INT. STD.	17.56	240	2502037	40.00	PPB		0.00
75) PERYLENE-d12 INT. STD.	21.26	264	1578570	40.00	PPB		0.00
System Monitoring Compounds							%Recovery
4) 2-FLUOROPHENOL SURR.	5.12	112	2758058	91.86	PPB		
5) PHENOL-d6 SURR.	6.25	99	3442894	90.68	PPB		
20) NITROBENZENE-d5 SURR.	7.39	82	3428099	94.70	PPB		
39) 2-FLUOROBIPHENYL SURR.	9.77	172	5999803	94.45	PPB		
58) 2,4,6 TRIBROMOPHENOL SURR.	11.74	330	710243	99.32	PPB		
70) TERPHENYL-d14 SURR.	15.24	244	4618179	99.19	PPB		
Target Compounds							Qvalue
2) N-NITROSODIMETHYLAMINE	3.53	74	676667	35.80	PPB		90
3) PYRIDINE	3.49	79	1276382	35.43	PPB		95
6) PHENOL - CCC	6.28	94	1581627	36.24	PPB	#	80
7) aniline	6.28	93	1029131	25.55	PPB		90
8) BIS(2-CHLOROETHYL)ETHER	6.36	93	1423828	34.67	PPB		97
9) 2-CHLOROPHENOL	6.43	128	1211364	36.90	PPB		98
10) 1,3 DICHLOROBENZENE	6.60	146	1302930	36.38	PPB		99
11) 1,4 DICHLOROBENZENE - CCC	6.66	146	1285022	37.69	PPB		98
12) benzyl alcohol	6.85	79	1081552	35.67	PPB		95
13) 1,2-DICHLOROBENZENE	6.90	146	1289737	37.66	PPB		98
14) 2-METHYLPHENOL	7.01	108	1092361	35.32	PPB		97
15) BIS(2-CHLOROISOPROPYL)ETHE	7.05	45	1762944	36.32	PPB		97
16) 4-METHYLPHENOL	7.20	107	1349340	36.32	PPB		98
17) N-NITROSO-DI-N-PROPYLAMINE	7.22	43	778242	36.57	PPB		98
18) HEXACHLOROETHANE	7.29	117	650900	36.22	PPB		98
21) NITROBENZENE	7.41	77	1360966	36.97	PPB		97
22) ISOPHORONE	7.72	82	2910649	37.32	PPB		99
23) 2,4 DIMETHYLPHENOL	7.88	107	994336	35.46	PPB		99
24) benzoic acid	8.07	105	651770	39.93	PPB		94
25) 2-NITROPHENOL - CCC	7.83	139	717013	34.55	PPB		94
26) BIS(2-CHLOROETHOXY)METHANE	8.00	93	1643019	37.82	PPB		99
27) 2,4 DICHLOROPHENOL - CCC	8.14	162	1018506	36.75	PPB		96
28) 1,2,4 TRICHLOROBENZENE	8.26	180	1004568	37.76	PPB		99
29) NAPHTHALENE	8.34	128	3427487	38.42	PPB		99
30) 4-CHLOROANILINE	8.43	127	1023853	36.28	PPB		99
31) HEXACHLOROBUTADIENE - CCC	8.57	225	562020	39.56	PPB		100
32) 4-CHLORO-3-METHYLPHENOL -	9.07	107	1124678	38.58	PPB		98
33) 2-METHYLNAPHTHALENE	9.24	142	2150503	36.59	PPB		100
34) 2-NITROANILINE	10.07	138	842791	37.82	PPB		96
36) HEXACHLOROCYCLOPENTADIENE	9.56	237	450019	42.15	PPB		100
37) 2,4,6-TRICHLOROPHENOL - CC	9.66	196	600851	36.99	PPB		100
38) 2,4,5 TRICHLOROPHENOL	9.72	196	659113	39.91	PPB		100
40) 2-CHLORONAPHTHALENE	9.90	162	2084793	39.54	PPB		100
41) DIMETHYLPHTHALATE	10.35	163	2658807	39.50	PPB		96
42) 2,6 DINITROTOLUENE	10.44	165	629072	37.46	PPB		95
43) ACENAPHTHYLENE	10.47	152	3323886	38.36	PPB		100

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170910.d Vial: 6
Acq On : 17 Apr 109 3:24 pm Operator:
Sample : bna std 40 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

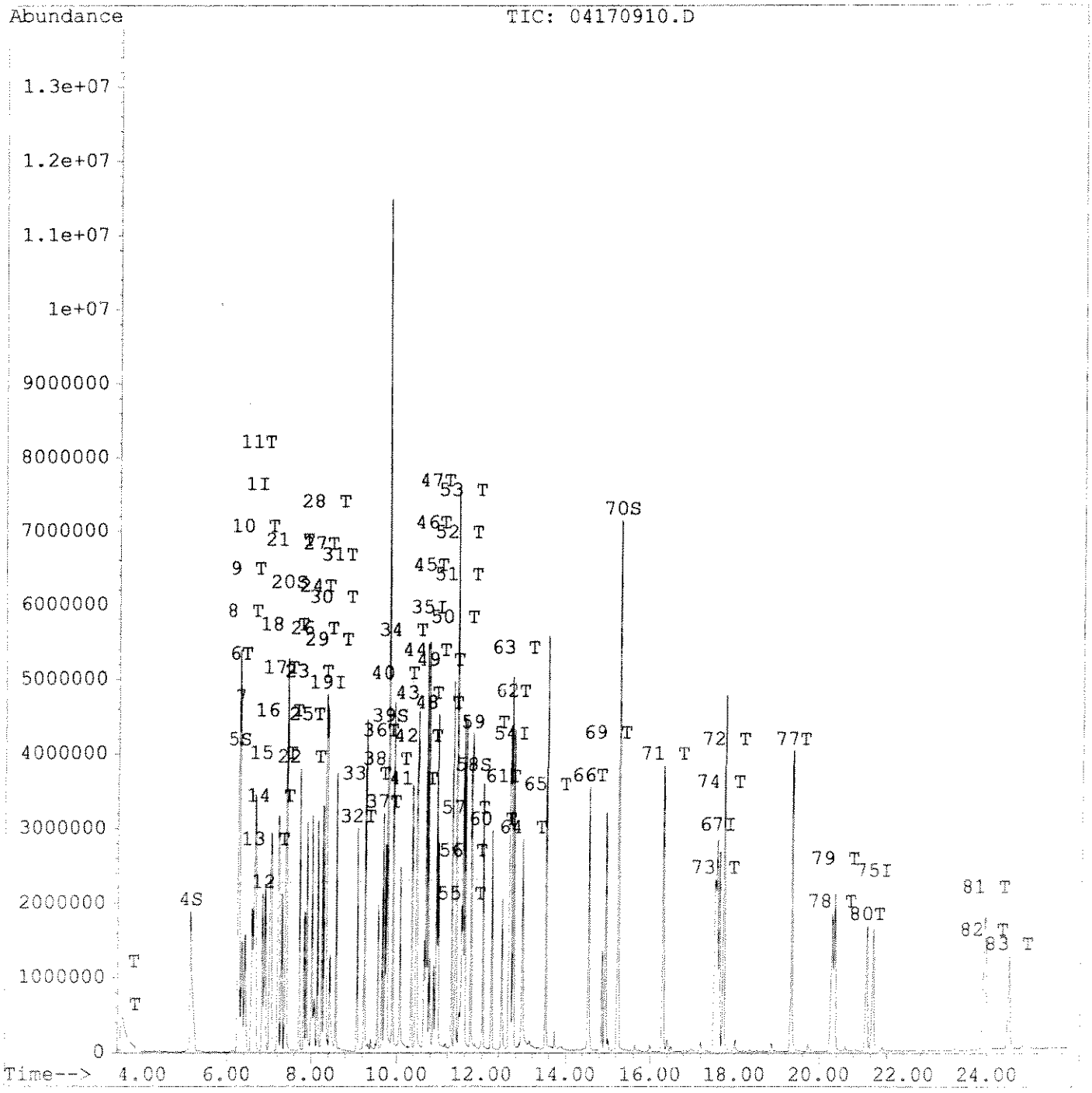
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
44)	3-NITROANILINE	10.63	65	584442	37.05	PPB		93
45)	ACENAPHTHENE - CCC	10.71	153	2025522	39.13	PPB		93
46)	2,4-DINITROPHENOL - SPCC	10.76	184	289342	38.01	PPB		99
47)	4-NITROPHENOL - SPCC	10.86	139	395942	39.09	PPB		92
48)	DIBENZOFURAN	10.93	168	3023598	38.11	PPB		99
49)	2,4 DINITROTOLUENE	10.96	165	855307	38.88	PPB		95
50)	DIETHYLPHTHLATE	11.29	149	2893993	40.89	PPB		99
51)	4-CHLOROPHENYLPHENYL ETHER	11.37	204	1044926	39.14	PPB		95
52)	FLUORENE	11.38	166	2384384	37.63	PPB		99
53)	4-NITROANILINE	11.46	138	333435	39.53	PPB		92
55)	4,6-DINITRO-2-METHYLPHENOL	11.51	198	417678	39.61	PPB	#	99
56)	N-NITROSODIPHENYLAMINE	11.54	168	1148991	39.13	PPB	#	99
57)	1,2 DIPHENYLHYDRAZINE	11.59	77	3682029	41.04	PPB		97
59)	4-BROMOPHENYLPHENYL ETHER	12.02	51	279414	39.97	PPB		89
60)	HEXACHLOROBENZENE	12.23	284	561519	38.72	PPB		100
61)	PENTACHLOROPHENOL - CCC	12.47	266	349576	39.27	PPB		99
62)	PHENANTHRENE	12.68	178	3250293	38.70	PPB		99
63)	ANTHRACENE	12.73	178	3118963	36.57	PPB		99
64)	CARBAZOLE	12.96	167	3038982	41.19	PPB	m	99
65)	DI-N-BUTYLPHTHALATE	13.52	149	4831332	39.53	PPB		100
66)	FLUORANTHENE - CCC	14.54	202	3041750	38.60	PPB		100
68)	BENZIDINE	0.00	184		Not Detected			
69)	PYRENE	14.94	202	2875830	38.40	PPB		99
71)	BUTYLBENZYLPHTHALATE	16.29	149	2053361	39.91	PPB		99
72)	BIS(2-ETHYLHEXYL)PHTHALATE	17.73	149	2906115	40.62	PPB		99
73)	BENZO(A)ANTHRACENE	17.52	228	2339245	38.51	PPB		100
74)	CHRYSENE	17.63	228	2257005	38.97	PPB		98
76)	3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected			
77)	DI-N-OCTYL PHTHALATE - CCC	19.33	149	4985202	41.47	PPB		99
78)	BENZO(B)FLOURANTHENE	20.28	252	2210057	40.81	PPB		99
79)	BENZO(K)FLUORANTHENE	20.35	252	1958549	39.57	PPB	m	55
80)	BENZO(A)PYRENE - CCC	21.11	252	1812040	39.55	PPB		98
81)	DIBENZO(A,H)ANTHRACENE	23.94	278	1538306	40.75	PPB		99
82)	INDENO(1,2,3-CD)PYRENE	23.91	276	1804272	40.56	PPB		99
83)	BENZO(G,H,I)PERYLENE	24.51	276	1501924	40.91	PPB		98

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170910.d Vial: 6
Acq On : 17 Apr 109 3:24 pm Operator:
Sample : bna std 40 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170911.d Vial: 7
Acq On : 17 Apr 109 4:01 pm Operator:
Sample : bna std 50 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.65	150	1673701	40.00	PPB		0.00
19) NAPHTHALENE-d8 INT. STD.	8.31	136	3336168	40.00	PPB		0.00
35) ACENAPHTHENE-d10 INT. STD.	10.67	162	1818508	40.00	PPB		0.00
54) PHENANTHRENE-d10 INT. STD.	12.65	188	2942857	40.00	PPB		0.01
67) CHRYSENE-d12 INT. STD.	17.57	240	2533372	40.00	PPB		0.00
75) PERYLENE-d12 INT. STD.	21.27	264	1602909	40.00	PPB		0.00
System Monitoring Compounds							%Recovery
4) 2-FLUOROPHENOL SURR.	5.12	112	2845461	90.38	PPB		
5) PHENOL-d6 SURR.	6.26	99	3535473	88.80	PPB		
20) NITROBENZENE-d5 SURR.	7.39	82	3515361	100.98	PPB		
39) 2-FLUOROBIPHENYL SURR.	9.77	172	6089241	95.51	PPB		
58) 2,4,6 TRIBROMOPHENOL SURR.	11.74	330	726441	99.18	PPB		
70) TERPHENYL-d14 SURR.	15.23	244	4815002	102.13	PPB		
Target Compounds							Qvalue
2) N-NITROSODIMETHYLAMINE	3.53	74	883431	44.57	PPB		91
3) PYRIDINE	3.50	79	1643301	43.51	PPB		95
6) PHENOL - CCC	6.27	94	1994986	43.59	PPB	#	80
7) aniline	6.27	93	1272181	30.12	PPB		88
8) BIS(2-CHLOROETHYL)ETHER	6.36	93	1869497	43.41	PPB		98
9) 2-CHLOROPHENOL	6.43	128	1538360	44.69	PPB		98
10) 1,3 DICHLOROBENZENE	6.60	146	1614450	42.99	PPB		98
11) 1,4 DICHLOROBENZENE - CCC	6.66	146	1734130	48.51	PPB		98
12) benzyl alcohol	6.85	79	1412732	44.43	PPB		97
13) 1,2-DICHLOROBENZENE	6.90	146	1621300	45.15	PPB		98
14) 2-METHYLPHENOL	7.02	108	1388579	42.81	PPB		97
15) BIS(2-CHLOROISOPROPYL)ETHE	7.04	45	2257675	44.35	PPB		97
16) 4-METHYLPHENOL	7.21	107	1715272	44.04	PPB		98
17) N-NITROSO-DI-N-PROPYLAMINE	7.23	43	1000710	44.85	PPB		98
18) HEXACHLOROETHANE	7.30	117	829288	44.01	PPB		99
21) NITROBENZENE	7.42	77	1796077	50.74	PPB		97
22) ISOPHORONE	7.72	82	3780890	50.41	PPB		97
23) 2,4 DIMETHYLPHENOL	7.89	107	1251719	46.41	PPB		96
24) benzoic acid	8.08	105	891610	56.80	PPB		95
25) 2-NITROPHENOL - CCC	7.83	139	888394	44.51	PPB		95
26) BIS(2-CHLOROETHOXY)METHANE	8.00	93	1981943	47.44	PPB		99
27) 2,4 DICHLOROPHENOL - CCC	8.14	162	1248728	46.85	PPB		97
28) 1,2,4 TRICHLOROBENZENE	8.26	180	1326581	51.85	PPB		99
29) NAPHTHALENE	8.33	128	4198890	48.94	PPB		99
30) 4-CHLOROANILINE	8.42	127	1362705	50.21	PPB		100
31) HEXACHLOROBUTADIENE - CCC	8.57	225	741464	54.27	PPB		99
32) 4-CHLORO-3-METHYLPHENOL -	9.08	107	1387380	49.49	PPB		98
33) 2-METHYLNAPHTHALENE	9.25	142	2747305	48.61	PPB		99
34) 2-NITROANILINE	10.07	138	1050371	49.01	PPB		96
36) HEXACHLOROCYCLOPENTADIENE	9.56	237	582354	54.35	PPB		99
37) 2,4,6-TRICHLOROPHENOL - CC	9.66	196	843204	51.73	PPB		97
38) 2,4,5 TRICHLOROPHENOL	9.72	196	822829	49.64	PPB		98
40) 2-CHLORONAPHTHALENE	9.90	162	2790257	52.73	PPB		99
41) DIMETHYLPHTHALATE	10.35	163	3437551	50.89	PPB		95
42) 2,6 DINITROTOLUENE	10.45	165	828443	49.16	PPB		93
43) ACENAPHTHYLENE	10.47	152	4192278	48.21	PPB		99

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170911.d Vial: 7
Acq On : 17 Apr 109 4:01 pm Operator:
Sample : bna std 50 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

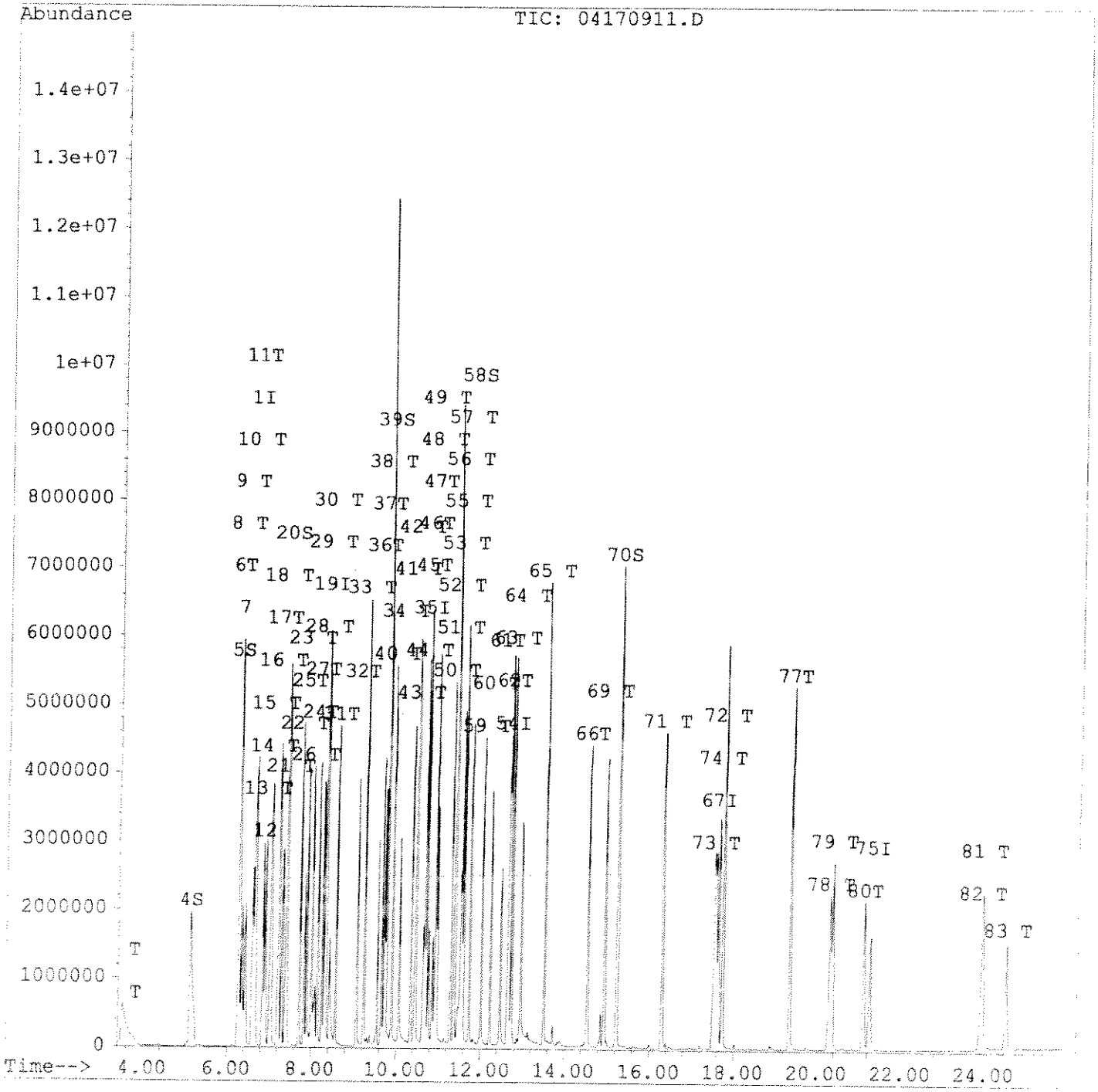
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
44)	3-NITROANILINE	10.64	65	662505	41.85	PPB		91
45)	ACENAPHTHENE - CCC	10.72	153	2513871	48.39	PPB		95
46)	2,4-DINITROPHENOL - SPCC	10.77	184	397311	52.01	PPB		98
47)	4-NITROPHENOL - SPCC	10.86	139	531483	52.28	PPB		96
48)	DIBENZOFURAN	10.93	168	3933580	49.40	PPB		100
49)	2,4 DINITROTOLUENE	10.96	165	1099874	49.82	PPB		95
50)	DIETHYLPHTHLATE	11.29	149	3460477	48.72	PPB		99
51)	4-CHLOROPHENYLPHENYL ETHER	11.38	204	1315757	49.11	PPB		96
52)	FLUORENE	11.39	166	3008938	47.32	PPB		100
53)	4-NITROANILINE	11.47	138	395904	46.76	PPB	#	85
55)	4,6-DINITRO-2-METHYLPHENOL	11.52	198	539015	49.91	PPB	#	99
56)	N-NITROSODIPHENYLAMINE	11.55	168	1437085	47.78	PPB	#	99
57)	1,2 DIPHENYLHYDRAZINE	11.59	77	4496851	48.94	PPB		97
59)	4-BROMOPHENYLPHENYL ETHER	12.02	51	358609	50.08	PPB		91
60)	HEXACHLOROBENZENE	12.23	284	695464	46.82	PPB		99
61)	PENTACHLOROPHENOL - CCC	12.48	266	463033	50.78	PPB		97
62)	PHENANTHRENE	12.69	178	3995075	46.45	PPB		99
63)	ANTHRACENE	12.75	178	4030206	46.14	PPB		100
64)	CARBAZOLE	12.96	167	3833927	50.74	PPB	m	97
65)	DI-N-BUTYLPHTHALATE	13.52	149	6165119	49.26	PPB		100
66)	FLUORANTHENE - CCC	14.54	202	3840155	47.58	PPB		99
68)	BENZIDINE	0.00	184		Not Detected			
69)	PYRENE	14.94	202	3831142	50.53	PPB		100
71)	BUTYLBENZYLPHTHALATE	16.30	149	2640027	50.68	PPB		99
72)	BIS(2-ETHYLHEXYL)PHTHALATE	17.73	149	3706500	51.17	PPB		99
73)	BENZO(A)ANTHRACENE	17.52	228	3019590	49.10	PPB		100
74)	CHRYSENE	17.63	228	2912274	49.66	PPB		99
76)	3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected			
77)	DI-N-OCTYL PHTHALATE - CCC	19.34	149	6550580	53.66	PPB		99
78)	BENZO(B)FLOURANTHENE	20.29	252	2842860	51.69	PPB		99
79)	BENZO(K)FLUORANTHENE	20.36	252	2578843	51.31	PPB	m	55
80)	BENZO(A)PYRENE - CCC	21.11	252	2380912	51.18	PPB		99
81)	DIBENZO(A,H)ANTHRACENE	23.96	278	1942624	50.68	PPB		99
82)	INDENO(1,2,3-CD)PYRENE	23.92	276	2297114	50.86	PPB		99
83)	BENZO(G,H,I)PERYLENE	24.52	276	1904853	51.10	PPB		97

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170911.d Vial: 7
Acq On : 17 Apr 109 4:01 pm Operator:
Sample : bna std 50 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170912.d Vial: 8
Acq On : 17 Apr 109 4:38 pm Operator:
Sample : bna std 60 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.65	150	1741569	40.00	PPB		0.00
19) NAPHTHALENE-d8 INT. STD.	8.31	136	3372763	40.00	PPB		0.00
35) ACENAPHTHENE-d10 INT. STD.	10.67	162	1849427	40.00	PPB		0.00
54) PHENANTHRENE-d10 INT. STD.	12.65	188	2897791	40.00	PPB		0.00
67) CHRYSENE-d12 INT. STD.	17.57	240	2485054	40.00	PPB		0.00
75) PERYLENE-d12 INT. STD.	21.27	264	1609306	40.00	PPB		0.01
System Monitoring Compounds							%Recovery
4) 2-FLUOROPHENOL SURR.	5.12	112	2775410	84.72	PPB		
5) PHENOL-d6 SURR.	6.26	99	3531440	85.24	PPB		
20) NITROBENZENE-d5 SURR.	7.39	82	3555224	101.01	PPB		
39) 2-FLUOROBIPHENYL SURR.	9.76	172	6058767	93.45	PPB		
58) 2,4,6 TRIBROMOPHENOL SURR.	11.74	330	708913	98.29	PPB		
70) TERPHENYL-d14 SURR.	15.24	244	4829206	104.43	PPB		
Target Compounds							Qvalue
2) N-NITROSODIMETHYLAMINE	3.52	74	1003932	48.67	PPB		89
3) PYRIDINE	3.50	79	1933879	49.20	PPB		94
6) PHENOL - CCC	6.27	94	2346693	49.28	PPB	#	79
7) aniline	6.28	93	1535077	34.93	PPB		93
8) BIS(2-CHLOROETHYL)ETHER	6.35	93	2189267	48.86	PPB		97
9) 2-CHLOROPHENOL	6.42	128	1727316	48.23	PPB		98
10) 1,3 DICHLOROBENZENE	6.60	146	1821629	46.61	PPB		99
11) 1,4 DICHLOROBENZENE - CCC	6.66	146	1929402	51.87	PPB		99
12) benzyl alcohol	6.85	79	1624422	49.10	PPB		95
13) 1,2-DICHLOROBENZENE	6.91	146	1824068	48.82	PPB		99
14) 2-METHYLPHENOL	7.02	108	1574179	46.64	PPB		97
15) BIS(2-CHLOROISOPROPYL)ETHE	7.05	45	2498710	47.17	PPB		97
16) 4-METHYLPHENOL	7.21	107	1944846	47.98	PPB		99
17) N-NITROSO-DI-N-PROPYLAMINE	7.23	43	1159929	49.95	PPB		97
18) HEXACHLOROETHANE	7.30	117	933134	47.59	PPB		98
21) NITROBENZENE	7.42	77	1967025	54.96	PPB		97
22) ISOPHORONE	7.72	82	4279329	56.43	PPB		98
23) 2,4 DIMETHYLPHENOL	7.89	107	1514223	55.54	PPB		97
24) benzoic acid	8.10	105	1060597	66.84	PPB		94
25) 2-NITROPHENOL - CCC	7.83	139	1032335	51.17	PPB		96
26) BIS(2-CHLOROETHOXY)METHANE	8.00	93	2276562	53.90	PPB		100
27) 2,4 DICHLOROPHENOL - CCC	8.14	162	1481749	54.99	PPB		97
28) 1,2,4 TRICHLOROBENZENE	8.26	180	1476772	57.09	PPB		100
29) NAPHTHALENE	8.33	128	4951076	57.09	PPB		99
30) 4-CHLOROANILINE	8.43	127	1583713	57.72	PPB		99
31) HEXACHLOROBUTADIENE - CCC	8.58	225	804686	58.25	PPB		100
32) 4-CHLORO-3-METHYLPHENOL -	9.07	107	1626515	57.39	PPB		97
33) 2-METHYLNAPHTHALENE	9.25	142	3191356	55.85	PPB		100
34) 2-NITROANILINE	10.08	138	1177403	54.34	PPB		96
36) HEXACHLOROCYCLOPENTADIENE	9.55	237	695648	63.83	PPB		99
37) 2,4,6-TRICHLOROPHENOL - CC	9.66	196	924143	55.74	PPB		99
38) 2,4,5 TRICHLOROPHENOL	9.72	196	931515	55.26	PPB		99
40) 2-CHLORONAPHTHALENE	9.90	162	3059038	56.84	PPB		98
41) DIMETHYLPHTHALATE	10.35	163	3807845	55.43	PPB		96
42) 2,6 DINITROTOLUENE	10.44	165	925493	54.00	PPB		95
43) ACENAPHTHYLENE	10.47	152	4895419	55.36	PPB		99

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170912.d Vial: 8
Acq On : 17 Apr 109 4:38 pm Operator:
Sample : bna std 60 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

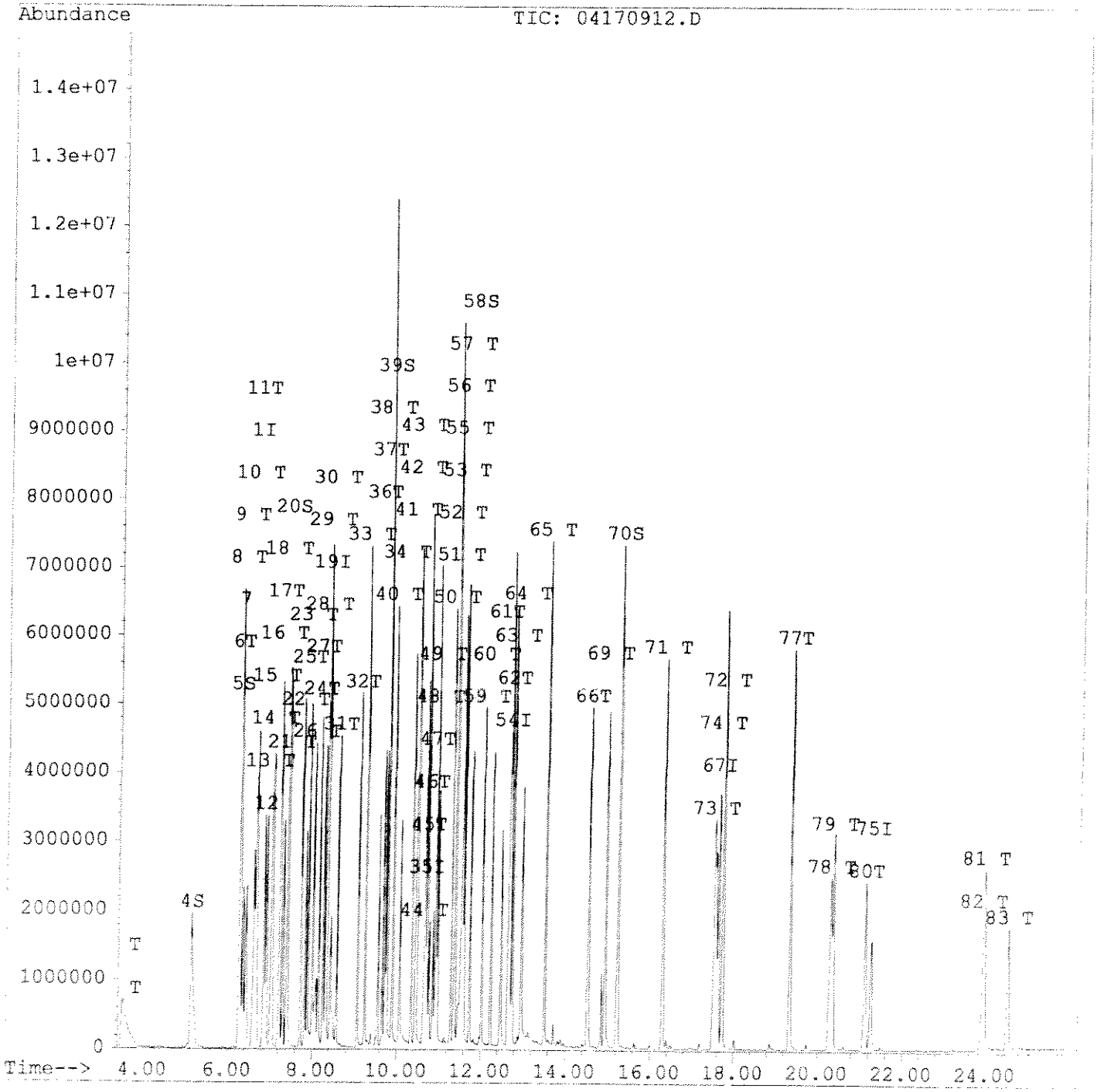
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
44) 3-NITROANILINE	10.63	65	775423	48.16 PPB		95
45) ACENAPHTHENE - CCC	10.71	153	2830122	53.57 PPB		94
46) 2,4-DINITROPHENOL - SPCC	10.77	184	480063	61.79 PPB		98
47) 4-NITROPHENOL - SPCC	10.87	139	623261	60.28 PPB		92
48) DIBENZOFURAN	10.93	168	4444245	54.88 PPB		99
49) 2,4 DINITROTOLUENE	10.97	165	1255308	55.91 PPB	#	84
50) DIETHYLPHTHLATE	11.29	149	4125487	57.11 PPB		99
51) 4-CHLOROPHENYLPHENYL ETHER	11.38	204	1522951	55.89 PPB		96
52) FLUORENE	11.39	166	3486265	53.91 PPB		99
53) 4-NITROANILINE	11.48	138	435612	50.59 PPB		88
55) 4,6-DINITRO-2-METHYLPHENOL	11.52	198	648381	60.97 PPB	#	99
56) N-NITROSODIPHENYLAMINE	11.55	168	1718013	58.01 PPB	#	99
57) 1,2 DIPHENYLHYDRAZINE	11.59	77	5168004	57.12 PPB		98
59) 4-BROMOPHENYLPHENYL ETHER	12.03	51	407187	57.75 PPB		91
60) HEXACHLOROBENZENE	12.24	284	817451	55.89 PPB		99
61) PENTACHLOROPHENOL - CCC	12.47	266	532650	59.33 PPB		98
62) PHENANTHRENE	12.68	178	4729858	55.85 PPB		100
63) ANTHRACENE	12.75	178	4896873	56.93 PPB		100
64) CARBAZOLE	12.96	167	4221307	56.74 PPB	m	97
65) DI-N-BUTYLPHTHALATE	13.53	149	6949082	56.38 PPB		100
66) FLUORANTHENE - CCC	14.54	202	4403133	55.40 PPB		100
68) BENZIDINE	0.00	184		Not Detected		
69) PYRENE	14.95	202	4313596	58.00 PPB		99
71) BUTYLBENZYLPHTHALATE	16.30	149	3084846	60.37 PPB		99
72) BIS(2-ETHYLHEXYL)PHTHALATE	17.73	149	4175244	58.76 PPB		99
73) BENZO(A)ANTHRACENE	17.53	228	3501150	58.03 PPB		100
74) CHRYSENE	17.64	228	3297728	57.33 PPB		99
76) 3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected		
77) DI-N-OCTYL PHTHALATE - CCC	19.34	149	7269942	59.32 PPB		99
78) BENZO(B)FLOURANTHENE	20.29	252	3261269	59.07 PPB		99
79) BENZO(K)FLUORANTHENE	20.36	252	2969006	58.84 PPB	m	55
80) BENZO(A)PYRENE - CCC	21.12	252	2734461	58.55 PPB		98
81) DIBENZO(A,H)ANTHRACENE	23.97	278	2282220	59.30 PPB		100
82) INDENO(1,2,3-CD)PYRENE	23.92	276	2665948	58.79 PPB		99
83) BENZO(G,H,I)PERYLENE	24.53	276	2192308	58.57 PPB		97

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170912.d Vial: 8
Acq On : 17 Apr 109 4:38 pm Operator:
Sample : bna std 60 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170913.d Vial: 9
Acq On : 17 Apr 109 5:15 pm Operator:
Sample : bna std 80 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.64	150	1931946	40.00	PPB		0.00
19) NAPHTHALENE-d8 INT. STD.	8.32	136	3508100	40.00	PPB		0.01
35) ACENAPHTHENE-d10 INT. STD.	10.67	162	1872330	40.00	PPB		0.00
54) PHENANTHRENE-d10 INT. STD.	12.65	188	3047211	40.00	PPB		0.01
67) CHRYSENE-d12 INT. STD.	17.58	240	2625091	40.00	PPB		0.01
75) PERYLENE-d12 INT. STD.	21.27	264	1688239	40.00	PPB		0.01
System Monitoring Compounds							%Recovery
4) 2-FLUOROPHENOL SURR.	5.12	112	2919873	80.35	PPB		
5) PHENOL-d6 SURR.	6.27	99	3653878	79.51	PPB		
20) NITROBENZENE-d5 SURR.	7.39	82	3681839	100.57	PPB		
39) 2-FLUOROBIPHENYL SURR.	9.77	172	6438213	98.09	PPB		
58) 2,4,6 TRIBROMOPHENOL SURR.	11.74	330	748906	98.75	PPB		
70) TERPHENYL-d14 SURR.	15.24	244	5071064	103.81	PPB		
Target Compounds							Qvalue
2) N-NITROSODIMETHYLAMINE	3.53	74	1393010	60.88	PPB		91
3) PYRIDINE	3.50	79	2651989	60.83	PPB		95
6) PHENOL - CCC	6.28	94	3176520	60.13	PPB	#	78
7) aniline	6.28	93	2204206	45.21	PPB		97
8) BIS(2-CHLOROETHYL)ETHER	6.36	93	2966851	59.68	PPB		100
9) 2-CHLOROPHENOL	6.43	128	2363561	59.49	PPB		98
10) 1,3 DICHLOROBENZENE	6.60	146	2694380	62.15	PPB		99
11) 1,4 DICHLOROBENZENE - CCC	6.67	146	2593026	62.84	PPB		98
12) benzyl alcohol	6.86	79	2329912	63.48	PPB		97
13) 1,2-DICHLOROBENZENE	6.90	146	2628069	63.40	PPB		99
14) 2-METHYLPHENOL	7.02	108	2224207	59.41	PPB		97
15) BIS(2-CHLOROISOPROPYL)ETHE	7.05	45	3479856	59.22	PPB		97
16) 4-METHYLPHENOL	7.22	107	2789301	62.04	PPB		98
17) N-NITROSO-DI-N-PROPYLAMINE	7.24	43	1568831	60.91	PPB		97
18) HEXACHLOROETHANE	7.30	117	1332614	61.27	PPB		98
21) NITROBENZENE	7.42	77	2834278	76.14	PPB		97
22) ISOPHORONE	7.72	82	6255781	79.31	PPB		97
23) 2,4 DIMETHYLPHENOL	7.90	107	2035482	71.78	PPB		96
24) benzoic acid	8.13	105	1619779	98.14	PPB		94
25) 2-NITROPHENOL - CCC	7.84	139	1460830	69.61	PPB		96
26) BIS(2-CHLOROETHOXY)METHANE	8.01	93	3137017	71.40	PPB		99
27) 2,4 DICHLOROPHENOL - CCC	8.15	162	2039013	72.75	PPB		96
28) 1,2,4 TRICHLOROBENZENE	8.26	180	2081499	77.37	PPB		100
29) NAPHTHALENE	8.34	128	7161282	79.38	PPB		99
30) 4-CHLOROANILINE	8.44	127	2415867	84.66	PPB		100
31) HEXACHLOROBUTADIENE - CCC	8.58	225	1136465	79.10	PPB		99
32) 4-CHLORO-3-METHYLPHENOL -	9.07	107	2353677	79.85	PPB		97
33) 2-METHYLNAPHTHALENE	9.25	142	4482883	75.43	PPB		100
34) 2-NITROANILINE	10.08	138	1772626	78.66	PPB		96
36) HEXACHLOROCYCLOPENTADIENE	9.55	237	1022451	92.67	PPB		99
37) 2,4,6-TRICHLOROPHENOL - CC	9.67	196	1256354	74.86	PPB		98
38) 2,4,5 TRICHLOROPHENOL	9.72	196	1350214	79.12	PPB		100
40) 2-CHLORONAPHTHALENE	9.91	162	4440083	81.50	PPB		99
41) DIMETHYLPHTHALATE	10.36	163	5412976	77.83	PPB		97
42) 2,6 DINITROTOLUENE	10.46	165	1301834	75.03	PPB		95
43) ACENAPHTHYLENE	10.47	152	6890353	76.96	PPB		99

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170913.d Vial: 9
Acq On : 17 Apr 109 5:15 pm Operator:
Sample : bna std 80 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration

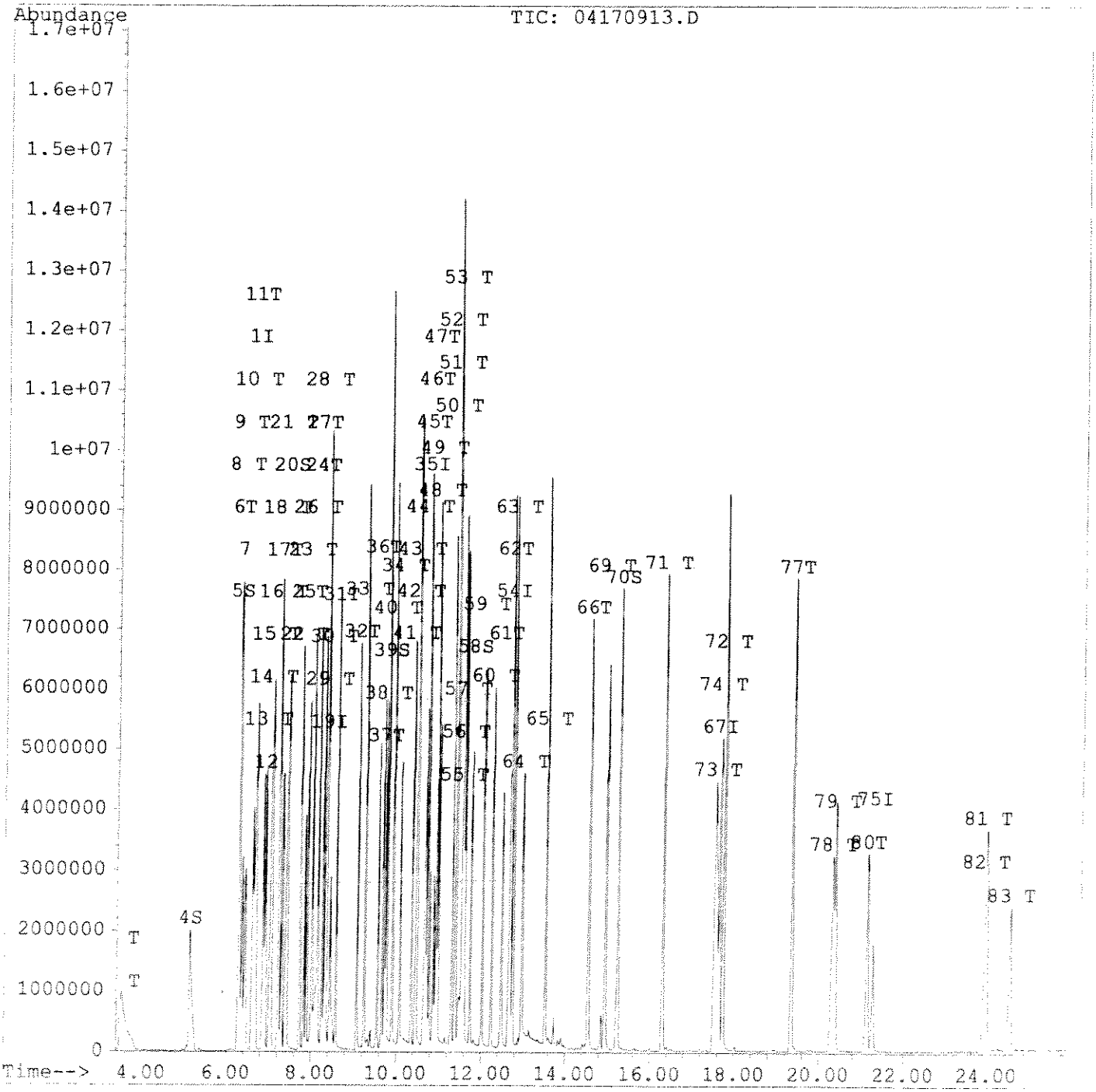
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
44)	3-NITROANILINE	10.65	65	1187528	72.86	PPB		93
45)	ACENAPHTHENE - CCC	10.72	153	4042270	75.57	PPB		95
46)	2,4-DINITROPHENOL - SPCC	10.77	184	713192	90.67	PPB		98
47)	4-NITROPHENOL - SPCC	10.87	139	988976	94.48	PPB		98
48)	DIBENZOFURAN	10.93	168	6359066	77.56	PPB		98
49)	2,4 DINITROTOLUENE	10.97	165	1786515	78.59	PPB	#	83
50)	DIETHYLPHTHLATE	11.29	149	5591860	76.46	PPB		100
51)	4-CHLOROPHENYLPHENYL ETHER	11.38	204	2122891	76.96	PPB		95
52)	FLUORENE	11.39	166	4861115	74.25	PPB		99
53)	4-NITROANILINE	11.48	138	641471	73.59	PPB	#	88
55)	4,6-DINITRO-2-METHYLPHENOL	11.53	198	914824	81.81	PPB	#	98
56)	N-NITROSODIPHENYLAMINE	11.55	168	2322382	74.57	PPB	#	100
57)	1,2 DIPHENYLHYDRAZINE	11.59	77	7419278	77.97	PPB		97
59)	4-BROMOPHENYLPHENYL ETHER	12.02	51	569572	76.82	PPB		91
60)	HEXACHLOROBENZENE	12.24	284	1142246	74.27	PPB		100
61)	PENTACHLOROPHENOL - CCC	12.48	266	769679	81.53	PPB		98
62)	PHENANTHRENE	12.68	178	6670479	74.90	PPB		99
63)	ANTHRACENE	12.75	178	6565121	72.58	PPB		100
64)	CARBAZOLE	12.96	167	5628600	71.94	PPB	m	98
65)	DI-N-BUTYLPHTHALATE	13.52	149	10159510	78.39	PPB		100
66)	FLUORANTHENE - CCC	14.55	202	6241079	74.67	PPB		99
68)	BENZIDINE	0.00	184		Not Detected			
69)	PYRENE	14.96	202	6098541	77.62	PPB		99
71)	BUTYLBENZYLPHTHALATE	16.31	149	4291378	79.50	PPB		99
72)	BIS(2-ETHYLHEXYL)PHTHALATE	17.75	149	5927047	78.96	PPB		98
73)	BENZO(A)ANTHRACENE	17.53	228	5046209	79.18	PPB		100
74)	CHRYSENE	17.64	228	4755960	78.26	PPB		99
76)	3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected			
77)	DI-N-OCTYL PHTHALATE - CCC	19.36	149	10638420	82.74	PPB		99
78)	BENZO(B)FLOURANTHENE	20.31	252	4622708	79.81	PPB		100
79)	BENZO(K)FLUORANTHENE	20.39	252	4290435	81.05	PPB	m	55
80)	BENZO(A)PYRENE - CCC	21.13	252	3922636	80.06	PPB		99
81)	DIBENZO(A,H)ANTHRACENE	23.98	278	3233882	80.10	PPB		100
82)	INDENO(1,2,3-CD)PYRENE	23.94	276	3806641	80.02	PPB		99
83)	BENZO(G,H,I)PERYLENE	24.55	276	3142089	80.03	PPB		98

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\041709\04170913.d Vial: 9
Acq On : 17 Apr 109 5:15 pm Operator:
Sample : bna std 80 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 9:46 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:38:49 2009
Response via : Single Level Calibration



Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\APR09\041709\04170914.D Vial: 3
Acq On : 17 Apr 109 5:52 pm Operator:
Sample : bna std 20 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	I	1,4-DICHLOROBENZENE-d4 INT.	1.000	1.000	0.0	89	0.00
2	T	N-NITROSODIMETHYLAMINE	0.448	0.483	-7.8	90	0.01
3	T	PYRIDINE	0.857	0.917	-7.1	90	0.01
4	S	2-FLUOROPHENOL SURR.	0.709	0.774	-9.2	91	0.00
5	S	PHENOL-d6 SURR.	0.892	0.977	-9.6	91	0.00
6	T	PHENOL - CCC	1.044	1.120	-7.3	91	0.00
7		aniline	0.790	0.996	-26.0#	88	0.00
8	T	BIS(2-CHLOROETHYL)ETHER	0.944	1.060	-12.2	91	0.00
9	T	2-CHLOROPHENOL	0.778	0.823	-5.7	89	0.01
10	T	1,3 DICHLOROBENZENE	0.833	0.891	-6.9	88	0.01
11	T	1,4 DICHLOROBENZENE - CCC	0.854	0.897	-5.0	93	0.00
12		benzyl alcohol	0.722	0.774	-7.2	90	0.01
13	T	1,2-DICHLOROBENZENE	0.830	0.877	-5.7	91	0.01
14	T	2-METHYLPHENOL	0.702	0.772	-10.0	88	0.00
15	T	BIS(2-CHLOROISOPROPYL)ETHER	1.159	1.220	-5.3	89	0.01
16	T	4-METHYLPHENOL	0.875	0.959	-9.5	91	0.00
17	T	N-NITROSO-DI-N-PROPYLAMINE	0.515	0.533	-3.5	89	0.00
18	T	HEXACHLOROETHANE	0.427	0.441	-3.3	87	0.00
19	I	NAPHTHALENE-d8 INT. STD.	1.000	1.000	0.0	91	0.00
20	S	NITROBENZENE-d5 SURR.	0.411	0.414	-0.6	91	0.00
21	T	NITROBENZENE	0.440	0.411	6.5	89	0.00
22	T	ISOPHORONE	0.897	0.899	-0.2	91	0.00
23	T	2,4 DIMETHYLPHENOL	0.303	0.326	-7.7	92	0.00
24	T	benzoic acid	0.197	0.198	-0.4	96	0.00
25	T	2-NITROPHENOL - CCC	0.219	0.242	-10.5	92	0.00
26	T	BIS(2-CHLOROETHOXY)METHANE	0.480	0.481	-0.2	88	0.00
27	T	2,4 DICHLOROPHENOL - CCC	0.301	0.304	-1.2	87	0.00
28	T	1,2,4 TRICHLOROBENZENE	0.306	0.315	-2.8	94	0.00
29	T	NAPHTHALENE	1.037	1.018	1.9	90	0.00
30	T	4-CHLOROANILINE	0.334	0.325	2.9	91	0.00
31	T	HEXACHLOROBUTADIENE - CCC	0.169	0.168	0.6	94	0.00
32	T	4-CHLORO-3-METHYLPHENOL - C	0.331	0.333	-0.7	91	0.00
33	T	2-METHYLNAPHTHALENE	0.661	0.674	-2.0	91	0.00
34	T	2-NITROANILINE	0.242	0.249	-2.6	88	0.00
35	I	ACENAPHTHENE-d10 INT. STD.	1.000	1.000	0.0	93	0.00
36	T	HEXACHLOROCYCLOPENTADIENE -	0.245	0.230	6.2	91	0.00
37	T	2,4,6-TRICHLOROPHENOL - CCC	0.349	0.342	2.0	89	0.00
38	T	2,4,5 TRICHLOROPHENOL	0.359	0.365	-1.7	93	0.00
39	S	2-FLUOROBIPHENYL SURR.	1.327	1.329	-0.1	88	0.00
40	T	2-CHLORONAPHTHALENE	1.203	1.173	2.5	94	0.00
41	T	DIMETHYLPHTHALATE	1.507	1.470	2.4	92	0.00
42	T	2,6 DINITROTOLUENE	0.351	0.359	-2.4	90	0.00
43	T	ACENAPHTHYLENE	1.899	1.853	2.4	90	0.00
44	T	3-NITROANILINE	0.306	0.339	-10.7	91	0.00
45	T	ACENAPHTHENE - CCC	1.141	1.130	1.0	92	0.00
46	T	2,4-DINITROPHENOL - SPCC	0.165	0.154	6.4	86	0.00
47	T	4-NITROPHENOL - SPCC	0.223	0.205	8.3	85	0.00
48	T	DIBENZOFURAN	1.749	1.724	1.4	92	0.00
49	T	2,4 DINITROTOLUENE	0.466	0.483	-3.6	93	0.00
50	T	DIETHYLPHTHLATE	1.586	1.514	4.5	90	0.01
51	T	4-CHLOROPHENYLPHENYL ETHER	0.597	0.587	1.7	93	0.00
52	T	FLUORENE	1.368	1.371	-0.2	91	0.00

53	T	4-NITROANILINE	0.190	0.187	1.9	93	0.01
54	I	PHENANTHRENE-d10 INT. STD.	1.000	1.000	0.0	92	0.00
55	T	4,6-DINITRO-2-METHYLPHENOL	0.145	0.143	1.7	89	0.01
56	T	N-NITROSODIPHENYLAMINE	0.407	0.404	0.9	91	0.00
57	T	1,2 DIPHENYLHYDRAZINE	1.254	1.269	-1.2	94	0.01
58	S	2,4,6 TRIBROMOPHENOL SURR.	0.099	0.099	-0.5	92	0.00
59	T	4-BROMOPHENYLPHENYL ETHER	0.098	0.094	4.0	89	0.00
60	T	HEXACHLOROBENZENE	0.199	0.196	1.3	89	0.01
61	T	PENTACHLOROPHENOL - CCC	0.122	0.124	-1.5	92	0.00
62	T	PHENANTHRENE	1.159	1.113	4.0	88	0.00
63	T	ANTHRACENE	1.158	1.175	-1.5	91	0.00
64	T	CARBAZOLE	1.056	1.033	2.2	93	0.00
65	T	DI-N-BUTYLPHTHALATE	1.726	1.706	1.2	92	0.00
66	T	FLUORANTHENE - CCC	1.102	1.143	-3.7	96	0.00
67	I	CHRYSENE-d12 INT. STD.	1.000	1.000	0.0	91	0.00
69	T	PYRENE	1.220	1.207	1.1	92	0.00
70	S	TERPHENYL-d14 SURR.	0.752	0.752	0.0	92	0.00
71	T	BUTYLBENZYLPHTHALATE	0.860	0.828	3.7	92	0.00
72	T	BIS(2-ETHYLHEXYL)PHTHALATE	1.232	1.135	7.9	91	0.00
73	T	BENZO(A)ANTHRACENE	0.999	0.979	2.0	92	0.00
74	T	CHRYSENE	0.957	0.935	2.3	92	0.00
75	I	PERYLENE-d12 INT. STD.	1.000	1.000	0.0	91	0.00
77	T	DI-N-OCTYL PHTHALATE - CCC	3.086	3.048	1.2	91	0.01
78	T	BENZO(B)FLOURANTHENE	1.341	1.428	-6.5	94	0.00
79	T	BENZO(K)FLUORANTHENE	1.244	1.204	3.2	86	0.00
80	T	BENZO(A)PYRENE - CCC	1.146	1.138	0.7	89	0.00
81	T	DIBENZO(A,H)ANTHRACENE	0.928	0.964	-3.9	91	0.00
82	T	INDENO(1,2,3-CD)PYRENE	1.088	1.127	-3.5	91	0.00
83	T	BENZO(G,H,I)PERYLENE	0.918	0.923	-0.5	90	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

04170907.D G2041709.M Mon Apr 20 10:01:19 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\041709\04170914.D Vial: 3
Acq On : 17 Apr 109 5:52 pm Operator:
Sample : bna std 20 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 10:00 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.64	150	2079042	40.00	PPB	0.00
19) NAPHTHALENE-d8 INT. STD.	8.31	136	4825930	40.00	PPB	0.00
35) ACENAPHTHENE-d10 INT. STD.	10.68	162	2640881	40.00	PPB	0.00
54) PHENANTHRENE-d10 INT. STD.	12.65	188	4175948	40.00	PPB	0.00
67) CHRYSENE-d12 INT. STD.	17.57	240	3749411	40.00	PPB	0.00
75) PERYLENE-d12 INT. STD.	21.28	264	2431869	40.00	PPB	0.00
System Monitoring Compounds						%Recovery
4) 2-FLUOROPHENOL SURR.	5.12	112	4023363	109.22	PPB	
5) PHENOL-d6 SURR.	6.26	99	5080347	109.61	PPB	
20) NITROBENZENE-d5 SURR.	7.39	82	4991301	100.62	PPB	
39) 2-FLUOROBIPHENYL SURR.	9.77	172	8773468	100.13	PPB	
58) 2,4,6 TRIBROMOPHENOL SURR.	11.75	330	1035535	100.47	PPB	
70) TERPHENYL-d14 SURR.	15.25	244	7044993	99.96	PPB	
Target Compounds						Qvalue
2) N-NITROSODIMETHYLAMINE	3.55	74	501603	21.55	PPB	98
3) PYRIDINE	3.53	79	953267	21.41	PPB	98
6) PHENOL - CCC	6.28	94	1164754	21.46	PPB	99
7) aniline	6.29	93	1034882	25.19	PPB	95
8) BIS(2-CHLOROETHYL)ETHER	6.36	93	1101856	22.45	PPB	96
9) 2-CHLOROPHENOL	6.43	128	855220	21.15	PPB	99
10) 1,3 DICHLOROBENZENE	6.61	146	925743	21.39	PPB	98
11) 1,4 DICHLOROBENZENE - CCC	6.66	146	932463	21.01	PPB	96
12) benzyl alcohol	6.85	79	804549	21.45	PPB	100
13) 1,2-DICHLOROBENZENE	6.91	146	911583	21.14	PPB	100
14) 2-METHYLPHENOL	7.02	108	802593	22.01	PPB	97
15) BIS(2-CHLOROISOPROPYL)ETHE	7.05	45	1267891	21.05	PPB	100
16) 4-METHYLPHENOL	7.21	107	996477	21.90	PPB	99
17) N-NITROSO-DI-N-PROPYLAMINE	7.23	43	553577	20.70	PPB	98
18) HEXACHLOROETHANE	7.30	117	458789	20.67	PPB	97
21) NITROBENZENE	7.42	77	992406	18.69	PPB	98
22) ISOPHORONE	7.72	82	2168344	20.04	PPB	99
23) 2,4 DIMETHYLPHENOL	7.89	107	787015	21.55	PPB	100
24) benzoic acid	8.05	105	476734	20.09	PPB	98
25) 2-NITROPHENOL - CCC	7.83	139	584354	22.09	PPB	100
26) BIS(2-CHLOROETHOXY)METHANE	8.01	93	1160260	20.05	PPB	99
27) 2,4 DICHLOROPHENOL - CCC	8.15	162	734298	20.25	PPB	99
28) 1,2,4 TRICHLOROBENZENE	8.25	180	758901	20.57	PPB	100
29) NAPHTHALENE	8.33	128	2455288	19.63	PPB	100
30) 4-CHLOROANILINE	8.43	127	783622	19.42	PPB	98
31) HEXACHLOROBUTADIENE - CCC	8.58	225	405979	19.88	PPB	99
32) 4-CHLORO-3-METHYLPHENOL -	9.07	107	803608	20.14	PPB	99
33) 2-METHYLNAPHTHALENE	9.25	142	1627485	20.39	PPB	100
34) 2-NITROANILINE	10.07	138	600296	20.52	PPB	99
36) HEXACHLOROCYCLOPENTADIENE	9.55	237	303390	18.77	PPB	99
37) 2,4,6-TRICHLOROPHENOL - CC	9.67	196	451218	19.61	PPB	99
38) 2,4,5 TRICHLOROPHENOL	9.73	196	482048	20.35	PPB	99
40) 2-CHLORONAPHTHALENE	9.90	162	1548695	19.50	PPB	100
41) DIMETHYLPHTHALATE	10.35	163	1940735	19.51	PPB	100
42) 2,6 DINITROTOLUENE	10.44	165	474332	20.47	PPB	100
43) ACENAPHTHYLENE	10.47	152	2446308	19.51	PPB	100

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\041709\04170914.D Vial: 3
Acq On : 17 Apr 109 5:52 pm Operator:
Sample : bna std 20 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 10:00 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

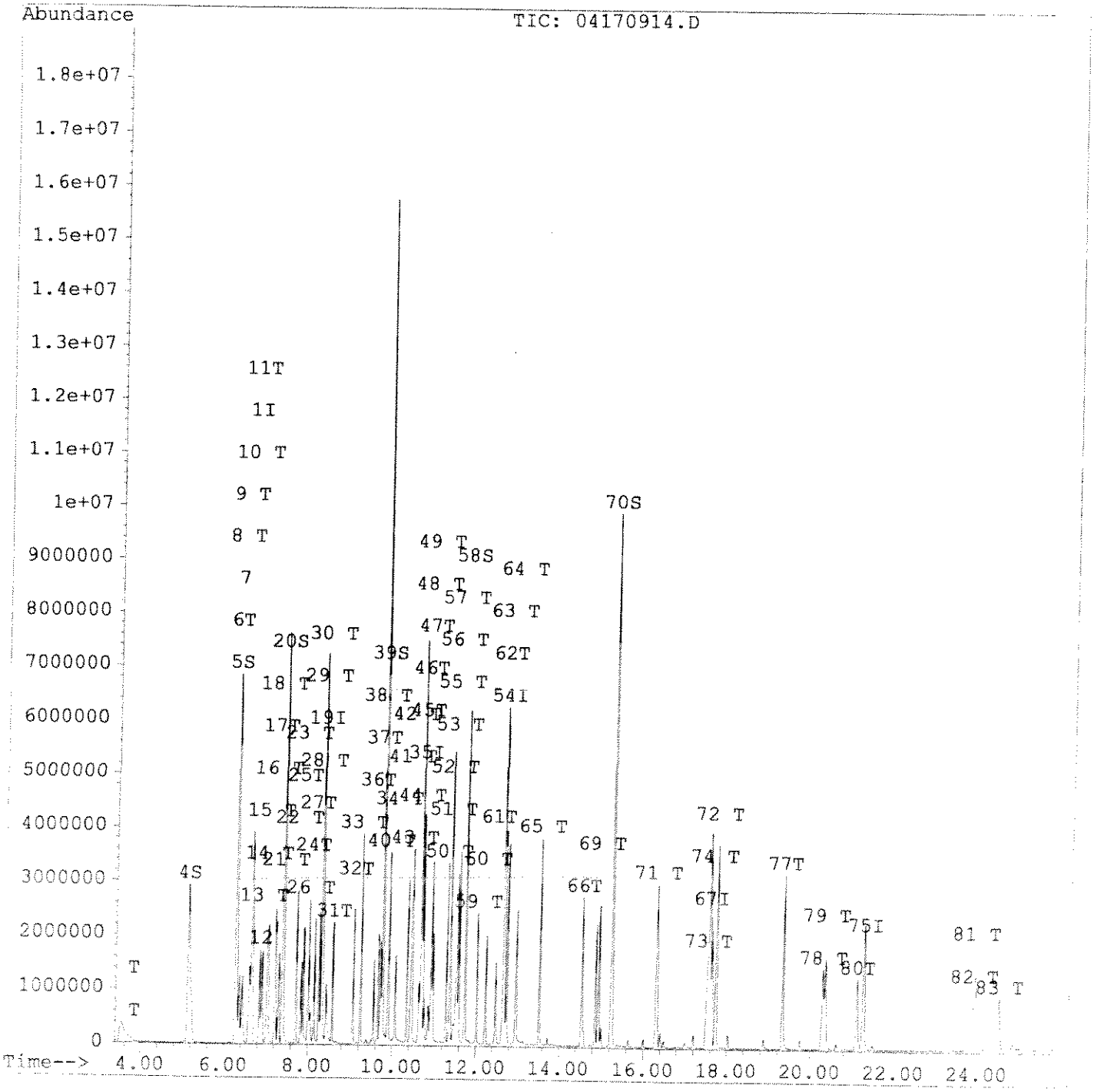
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
44) 3-NITROANILINE	10.63	65	447714	22.15	PPB		99
45) ACENAPHTHENE - CCC	10.71	153	1491914	19.81	PPB		97
46) 2,4-DINITROPHENOL - SPCC	10.76	184	203980	18.72	PPB		100
47) 4-NITROPHENOL - SPCC	10.87	139	270441	18.33	PPB		91
48) DIBENZOFURAN	10.93	168	2276642	19.72	PPB		98
49) 2,4 DINITROTOLUENE	10.96	165	637184	20.73	PPB		99
50) DIETHYLPHTHLATE	11.29	149	1998771	19.09	PPB		100
51) 4-CHLOROPHENYLPHENYL ETHER	11.37	204	774802	19.66	PPB		99
52) FLUORENE	11.39	166	1810079	20.04	PPB		100
53) 4-NITROANILINE	11.47	138	246647	19.62	PPB	#	85
55) 4,6-DINITRO-2-METHYLPHENOL	11.52	198	297820	19.67	PPB	#	97
56) N-NITROSODIPHENYLAMINE	11.54	168	842654	19.83	PPB	#	100
57) 1,2 DIPHENYLHYDRAZINE	11.59	77	2649632	20.24	PPB		85
59) 4-BROMOPHENYLPHENYL ETHER	12.02	51	197279	19.20	PPB		96
60) HEXACHLOROBENZENE	12.24	284	409430	19.74	PPB		99
61) PENTACHLOROPHENOL - CCC	12.47	266	259555	20.30	PPB		99
62) PHENANTHRENE	12.68	178	2322941	19.20	PPB		99
63) ANTHRACENE	12.74	178	2453995	20.29	PPB		100
64) CARBAZOLE	12.96	167	2155937	19.56	PPB		99
65) DI-N-BUTYLPHTHALATE	13.52	149	3562637	19.77	PPB		100
66) FLUORANTHENE - CCC	14.54	202	2386507	20.74	PPB		100
68) BENZIDINE	0.00	184		Not Detected			
69) PYRENE	14.95	202	2263385	19.79	PPB		100
71) BUTYLBENZYLPHTHALATE	16.30	149	1553111	19.26	PPB		100
72) BIS(2-ETHYLHEXYL)PHTHALATE	17.74	149	2128051	18.43	PPB		99
73) BENZO(A)ANTHRACENE	17.52	228	1834992	19.60	PPB		99
74) CHRYSENE	17.63	228	1753098	19.54	PPB		99
76) 3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected			
77) DI-N-OCTYL PHTHALATE - CCC	19.34	149	3706493	19.75	PPB		100
78) BENZO(B)FLOURANTHENE	20.28	252	1735895	21.30	PPB		97
79) BENZO(K)FLUORANTHENE	20.34	252	1464528	19.37	PPB	m	75
80) BENZO(A)PYRENE - CCC	21.12	252	1384250	19.86	PPB		99
81) DIBENZO(A,H)ANTHRACENE	23.94	278	1172087	20.78	PPB		100
82) INDENO(1,2,3-CD)PYRENE	23.91	276	1370184	20.71	PPB		99
83) BENZO(G,H,I)PERYLENE	24.52	276	1122647	20.11	PPB		99

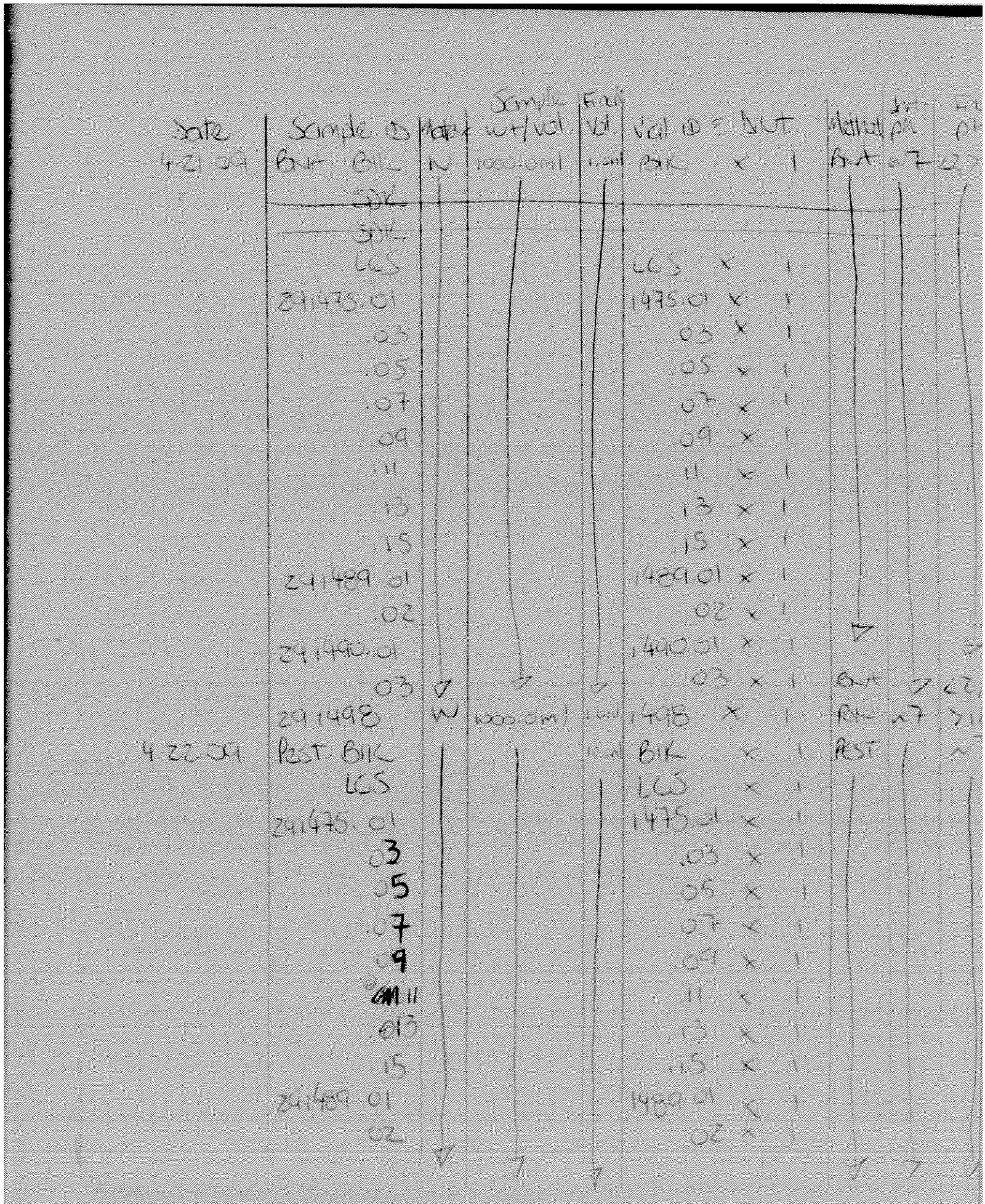
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\041709\04170914.D Vial: 3
Acq On : 17 Apr 109 5:52 pm Operator:
Sample : bna std 20 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 20 10:00 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

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Matrix
Sample wt/vol.
Final Vol.
Vol ID
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BA
WT
LCS
LCS
x
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x
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.03
.03
x
1
.05
.05
x
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.07
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.09
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1
.13
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1
.15
.15
x
1
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1489.01
x
1
.02
.02
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1490.01
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4-22-09
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BLK
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.02
x
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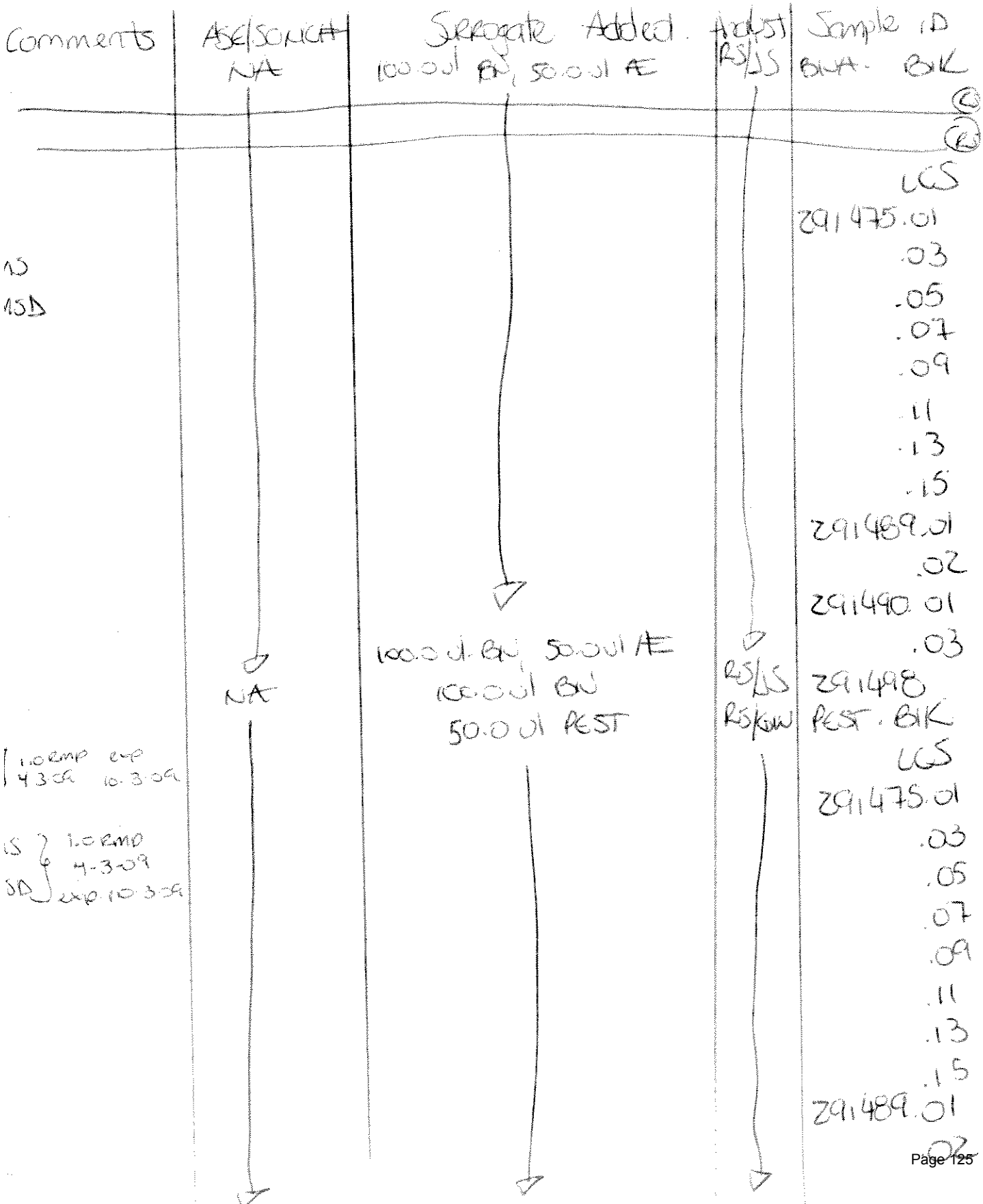
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Surrogate Added
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Analyst
RS/LS
Sample ID
BLNA - BLK
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PEST. BLK
LCS
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100.0 ul BN
50.0 ul PEST
RS/LS
RS/KW
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4-3-09
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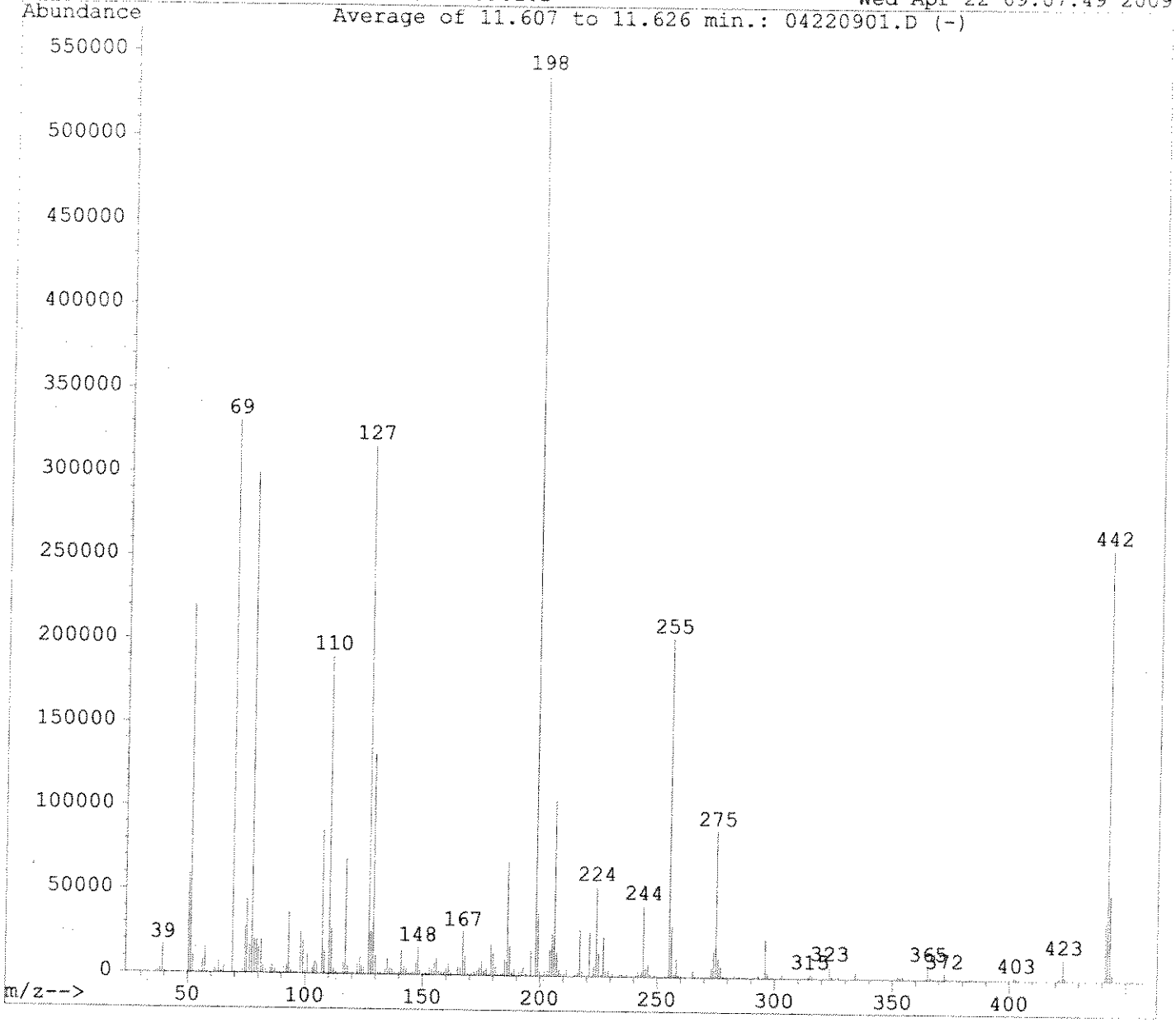
4-3-09
exp 10-3-09

C:\HPCHEM\1\DATA\APR09\042209\04220901.D Wed Apr 22 09:07:49 2009



Peak Apex is scan: 267
Average of 3 scans: 266,267,268 minus background scan 262

Target Mass	Comparison Mass	Lower Limit,%	Upper Limit,%	Relative Abundance,%	Result Pass/Fail
51	198	30	60	41.0	PASS
68	69	0	2	0.0	PASS
69	198	0	100	61.6	PASS
70	69	0	2	0.5	PASS
127	198	40	60	58.9	PASS
197	198	0	1	0.0	PASS
198	198	100	100	100.0	PASS
199	198	5	9	6.8	PASS
275	198	10	30	16.2	PASS
365	198	1	100	1.5	PASS
441	443	0	100	69.3	PASS
442	198	40	100	48.0	PASS
443	442	17	23	19.8	PASS

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220902.D Vial: 3
Acq On : 22 Apr 109 9:16 am Operator:
Sample : bz std 30 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	I	1,4-DICHLOROBENZENE-d4 INT.	1.000	1.000	0.0	96	-0.02
2	I	NAPHTHALENE-d8 INT. STD.	1.000	1.000	0.0	104	-0.03
3	S	NITROBENZENE-d5 SURR.	0.402	0.329	18.2	85	-0.04
4	I	ACENAPHTHENE-d10 INT. STD.	1.000	1.000	0.0	97	-0.03
5	S	2-FLUOROBIPHENYL SURR.	1.336	1.178	11.9	87	-0.03
6	I	PHENANTHRENE-d10 INT. STD.	1.000	1.000	0.0	90	-0.04
7	I	CHRYSENE-d12 INT. STD.	1.000	1.000	0.0	82	-0.07
8	T	BENZIDINE	0.643	0.602	6.4	80	-0.05
9	S	TERPHENYL-d14 SURR.	0.714	0.702	1.6	81	-0.06
10	I	PERYLENE-d12 INT. STD.	1.000	1.000	0.0	73	-0.07
11	T	3,3'-DICHLOROBENZIDINE	0.450	0.492	-9.3	79	-0.07

(#) = Out of Range SPCC's out = 0 CCC's out = 0
02190907.D BZ021909.M Wed Apr 22 09:52:06 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220902.D Vial: 3
Acq On : 22 Apr 109 9:16 am Operator:
Sample : bz std 30 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 9:42 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

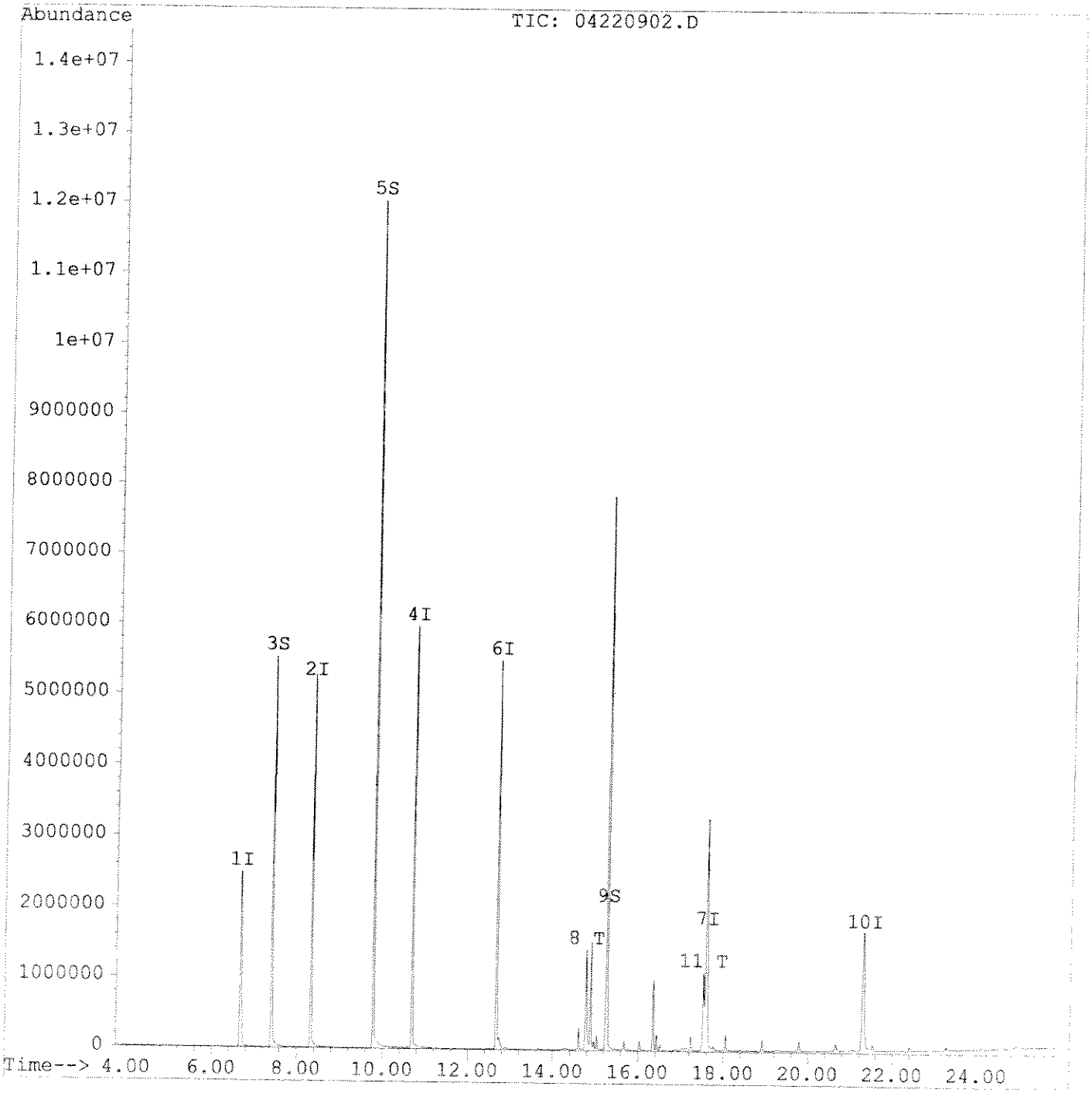
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1746401	40.00	PPB	-0.02
2) NAPHTHALENE-d8 INT. STD.	8.33	136	4615576	40.00	PPB	-0.03
4) ACENAPHTHENE-d10 INT. STD.	10.70	162	2288908	40.00	PPB	-0.03
6) PHENANTHRENE-d10 INT. STD.	12.67	188	3472566	40.00	PPB	-0.04
7) CHRYSENE-d12 INT. STD.	17.60	240	3015361	40.00	PPB	-0.07
10) PERYLENE-d12 INT. STD.	21.31	264	1843237	40.00	PPB	-0.07
System Monitoring Compounds						%Recovery
3) NITROBENZENE-d5 SURR.	7.41	82	3794144	81.82	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.79	172	6738075	88.12	PPB	
9) TERPHENYL-d14 SURR.	15.28	244	5291571	98.37	PPB	
Target Compounds						Qvalue
8) BENZIDINE	14.77	184	1361869	28.08	PPB	96
11) 3,3'-DICHLOROBENZIDINE	17.52	252	679556	32.80	PPB	95

(#) = qualifier out of range (m) = manual integration
04220902.D BZ021909.M Wed Apr 22 09:52:15 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220902.D Vial: 3
Acq On : 22 Apr 109 9:16 am Operator:
Sample : bz std 30 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 9:42 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration



Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220904.D Vial: 5
Acq On : 22 Apr 109 10:28 am Operator:
Sample : bna std 40 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	I	1,4-DICHLOROBENZENE-d4 INT.	1.000	1.000	0.0	102	0.02
2	T	N-NITROSODIMETHYLAMINE	0.448	0.411	8.2	99	0.01
3	T	PYRIDINE	0.857	0.785	8.3	100	0.02
4	S	2-FLUOROPHENOL SURR.	0.709	0.681	4.0	100	0.02
5	S	PHENOL-d6 SURR.	0.892	0.863	3.2	102	0.02
6	T	PHENOL - CCC	1.044	0.938	10.2	96	0.02
7		aniline	0.790	0.765	3.2	121	0.02
8	T	BIS(2-CHLOROETHYL)ETHER	0.944	0.917	3.0	104	0.02
9	T	2-CHLOROPHENOL	0.778	0.745	4.2	100	0.03
10	T	1,3 DICHLOROBENZENE	0.833	0.804	3.5	100	0.02
11	T	1,4 DICHLOROBENZENE - CCC	0.854	0.772	9.6	98	0.02
12		benzyl alcohol	0.722	0.674	6.6	101	0.03
13	T	1,2-DICHLOROBENZENE	0.830	0.760	8.4	96	0.03
14	T	2-METHYLPHENOL	0.702	0.701	0.1	104	0.02
15	T	BIS(2-CHLOROISOPROPYL)ETHER	1.159	1.112	4.1	102	0.03
16	T	4-METHYLPHENOL	0.875	0.844	3.6	101	0.02
17	T	N-NITROSO-DI-N-PROPYLAMINE	0.515	0.482	6.3	101	0.02
18	T	HEXACHLOROETHANE	0.427	0.410	4.1	102	0.02
19	I	NAPHTHALENE-d8 INT. STD.	1.000	1.000	0.0	99	0.02
20	S	NITROBENZENE-d5 SURR.	0.411	0.402	2.2	101	0.02
21	T	NITROBENZENE	0.440	0.392	11.0	99	0.02
22	T	ISOPHORONE	0.897	0.862	3.9	102	0.03
23	T	2,4 DIMETHYLPHENOL	0.303	0.300	0.9	104	0.02
24	T	benzoic acid	0.197	0.147	25.2#	78	0.02
25	T	2-NITROPHENOL - CCC	0.219	0.203	7.3	98	0.03
26	T	BIS(2-CHLOROETHOXY)METHANE	0.480	0.471	1.7	99	0.02
27	T	2,4 DICHLOROPHENOL - CCC	0.301	0.284	5.6	96	0.02
28	T	1,2,4 TRICHLOROBENZENE	0.306	0.290	5.0	99	0.03
29	T	NAPHTHALENE	1.037	0.988	4.7	99	0.03
30	T	4-CHLOROANILINE	0.334	0.307	8.3	103	0.02
31	T	HEXACHLOROBUTADIENE - CCC	0.169	0.154	8.9	94	0.02
32	T	4-CHLORO-3-METHYLPHENOL - C	0.331	0.310	6.2	95	0.02
33	T	2-METHYLNAPHTHALENE	0.661	0.625	5.6	100	0.02
34	T	2-NITROANILINE	0.242	0.243	-0.1	99	0.03
35	I	ACENAPHTHENE-d10 INT. STD.	1.000	1.000	0.0	98	0.02
36	T	HEXACHLOROCYCLOPENTADIENE -	0.245	0.233	4.7	92	0.02
37	T	2,4,6-TRICHLOROPHENOL - CCC	0.349	0.334	4.2	99	0.02
38	T	2,4,5 TRICHLOROPHENOL	0.359	0.363	-1.1	98	0.01
39	S	2-FLUOROBIPHENYL SURR.	1.327	1.362	-2.7	101	0.01
40	T	2-CHLORONAPHTHALENE	1.203	1.176	2.3	101	0.03
41	T	DIMETHYLPHTHALATE	1.507	1.460	3.1	98	0.03
42	T	2,6 DINITROTOLUENE	0.351	0.364	-3.6	103	0.03
43	T	ACENAPHTHYLENE	1.899	1.880	1.0	101	0.03
44	T	3-NITROANILINE	0.306	0.324	-5.8	99	0.03
45	T	ACENAPHTHENE - CCC	1.141	1.157	-1.4	102	0.03
46	T	2,4-DINITROPHENOL - SPCC	0.165	0.125	24.3#	77	0.02
47	T	4-NITROPHENOL - SPCC	0.223	0.190	15.2	85	0.02
48	T	DIBENZOFURAN	1.749	1.713	2.0	101	0.03
49	T	2,4 DINITROTOLUENE	0.466	0.483	-3.8	101	0.02
50	T	DIETHYLPHTHLATE	1.586	1.628	-2.7	100	0.03
51	T	4-CHLOROPHENYLPHENYL ETHER	0.597	0.593	0.7	101	0.03
52	T	FLUORENE	1.368	1.402	-2.5	105	0.03

53	T	4-NITROANILINE	0.190	0.175	8.0	94	0.04
54	I	PHENANTHRENE-d10 INT. STD.	1.000	1.000	0.0	97	0.02
55	T	4,6-DINITRO-2-METHYLPHENOL	0.145	0.130	10.0	87	0.03
56	T	N-NITROSODIPHENYLAMINE	0.407	0.409	-0.6	99	0.03
57	T	1,2 DIPHENYLHYDRAZINE	1.254	1.264	-0.8	96	0.03
58	S	2,4,6 TRIBROMOPHENOL SURR.	0.099	0.102	-3.0	100	0.03
59	T	4-BROMOPHENYLPHENYL ETHER	0.098	0.100	-1.3	100	0.02
60	T	HEXACHLOROBENZENE	0.199	0.195	2.1	97	0.03
61	T	PENTACHLOROPHENOL - CCC	0.122	0.105	14.1	84	0.02
62	T	PHENANTHRENE	1.159	1.178	-1.6	101	0.03
63	T	ANTHRACENE	1.158	1.167	-0.8	104	0.03
64	T	CARBAZOLE	1.056	1.031	2.3	95	0.02
65	T	DI-N-BUTYLPHTHALATE	1.726	1.853	-7.4	107	0.03
66	T	FLUORANTHENE - CCC	1.102	1.123	-1.8	103	0.03
67	I	CHRYSENE-d12 INT. STD.	1.000	1.000	0.0	104	0.03
69	T	PYRENE	1.220	1.154	5.4	104	0.04
70	S	TERPHENYL-d14 SURR.	0.752	0.762	-1.4	107	0.02
71	T	BUTYLBENZYLPHTHALATE	0.860	0.843	2.1	106	0.03
72	T	BIS(2-ETHYLHEXYL)PHTHALATE	1.232	1.137	7.7	101	0.04
73	T	BENZO(A)ANTHRACENE	0.999	0.944	5.5	105	0.04
74	T	CHRYSENE	0.957	0.926	3.3	106	0.04
75	I	PERYLENE-d12 INT. STD.	1.000	1.000	0.0	116	0.04
77	T	DI-N-OCTYL PHTHALATE - CCC	3.086	2.802	9.2	103	0.06
78	T	BENZO(B)FLOURANTHENE	1.341	1.299	3.1	108	0.06
79	T	BENZO(K)FLUORANTHENE	1.244	1.186	4.6	111	0.05
80	T	BENZO(A)PYRENE - CCC	1.146	1.010	11.9	102	0.05
81	T	DIBENZO(A,H)ANTHRACENE	0.928	0.759	18.2	90	0.06
82	T	INDENO(1,2,3-CD)PYRENE	1.088	0.914	16.0	93	0.06
83	T	BENZO(G,H,I)PERYLENE	0.918	0.773	15.8	94	0.06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

04170910.D G2041709.M Wed Apr 22 10:57:18 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220904.D Vial: 5
Acq On : 22 Apr 109 10:28 am Operator:
Sample : bna std 40 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 10:57 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.66	150	1622780	40.00	PPB	0.02
19) NAPHTHALENE-d8 INT. STD.	8.33	136	3440878	40.00	PPB	0.02
35) ACENAPHTHENE-d10 INT. STD.	10.69	162	1783849	40.00	PPB	0.02
54) PHENANTHRENE-d10 INT. STD.	12.67	188	2790031	40.00	PPB	0.02
67) CHRYSENE-d12 INT. STD.	17.60	240	2589929	40.00	PPB	0.03
75) PERYLENE-d12 INT. STD.	21.31	264	1829704	40.00	PPB	0.04
System Monitoring Compounds						%Recovery
4) 2-FLUOROPHENOL SURR.	5.14	112	2760831	96.02	PPB	
5) PHENOL-d6 SURR.	6.28	99	3501201	96.78	PPB	
20) NITROBENZENE-d5 SURR.	7.41	82	3458611	97.79	PPB	
39) 2-FLUOROBIPHENYL SURR.	9.78	172	6075534	102.66	PPB	
58) 2,4,6 TRIBROMOPHENOL SURR.	11.77	330	709304	103.01	PPB	
70) TERPHENYL-d14 SURR.	15.27	244	4935629	101.38	PPB	
Target Compounds						Qvalue
2) N-NITROSODIMETHYLAMINE	3.55	74	667010	36.72	PPB	99
3) PYRIDINE	3.54	79	1274421	36.67	PPB	97
6) PHENOL - CCC	6.30	94	1522462	35.93	PPB	90
7) aniline	6.30	93	1241970	38.74	PPB	98
8) BIS(2-CHLOROETHYL)ETHER	6.38	93	1487326	38.82	PPB	99
9) 2-CHLOROPHENOL	6.45	128	1209597	38.32	PPB	100
10) 1,3 DICHLOROBENZENE	6.62	146	1304049	38.60	PPB	97
11) 1,4 DICHLOROBENZENE - CCC	6.69	146	1253124	36.17	PPB	97
12) benzyl alcohol	6.87	79	1094374	37.38	PPB	99
13) 1,2-DICHLOROBENZENE	6.93	146	1234095	36.66	PPB	99
14) 2-METHYLPHENOL	7.04	108	1137855	39.97	PPB	98
15) BIS(2-CHLOROISOPROPYL)ETHE	7.07	45	1804267	38.38	PPB	99
16) 4-METHYLPHENOL	7.22	107	1369520	38.56	PPB	99
17) N-NITROSO-DI-N-PROPYLAMINE	7.25	43	782425	37.47	PPB	99
18) HEXACHLOROETHANE	7.32	117	664928	38.38	PPB	98
21) NITROBENZENE	7.44	77	1347534	35.60	PPB	99
22) ISOPHORONE	7.74	82	2966107	38.45	PPB	99
23) 2,4 DIMETHYLPHENOL	7.90	107	1031999	39.63	PPB	95
24) benzoic acid	8.08	105	506626	29.94	PPB	97
25) 2-NITROPHENOL - CCC	7.86	139	699239	37.08	PPB	93
26) BIS(2-CHLOROETHOXY)METHANE	8.02	93	1622286	39.31	PPB	100
27) 2,4 DICHLOROPHENOL - CCC	8.16	162	976106	37.75	PPB	99
28) 1,2,4 TRICHLOROBENZENE	8.28	180	999182	37.98	PPB	99
29) NAPHTHALENE	8.36	128	3400503	38.13	PPB	100
30) 4-CHLOROANILINE	8.44	127	1055241	36.69	PPB	99
31) HEXACHLOROBUTADIENE - CCC	8.60	225	530942	36.46	PPB	99
32) 4-CHLORO-3-METHYLPHENOL -	9.09	107	1067728	37.53	PPB	97
33) 2-METHYLNAPHTHALENE	9.27	142	2148890	37.77	PPB	99
34) 2-NITROANILINE	10.10	138	834907	40.04	PPB	98
36) HEXACHLOROCYCLOPENTADIENE	9.57	237	416199	38.11	PPB	99
37) 2,4,6-TRICHLOROPHENOL - CC	9.69	196	595743	38.33	PPB	99
38) 2,4,5 TRICHLOROPHENOL	9.74	196	647292	40.44	PPB	99
40) 2-CHLORONAPHTHALENE	9.93	162	2097359	39.09	PPB	99
41) DIMETHYLPHTHALATE	10.37	163	2603859	38.75	PPB	99
42) 2,6 DINITROTOLUENE	10.47	165	648618	41.44	PPB	99
43) ACENAPHTHYLENE	10.49	152	3354323	39.61	PPB	100

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220904.D Vial: 5
Acq On : 22 Apr 109 10:28 am Operator:
Sample : bna std 40 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 10:57 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

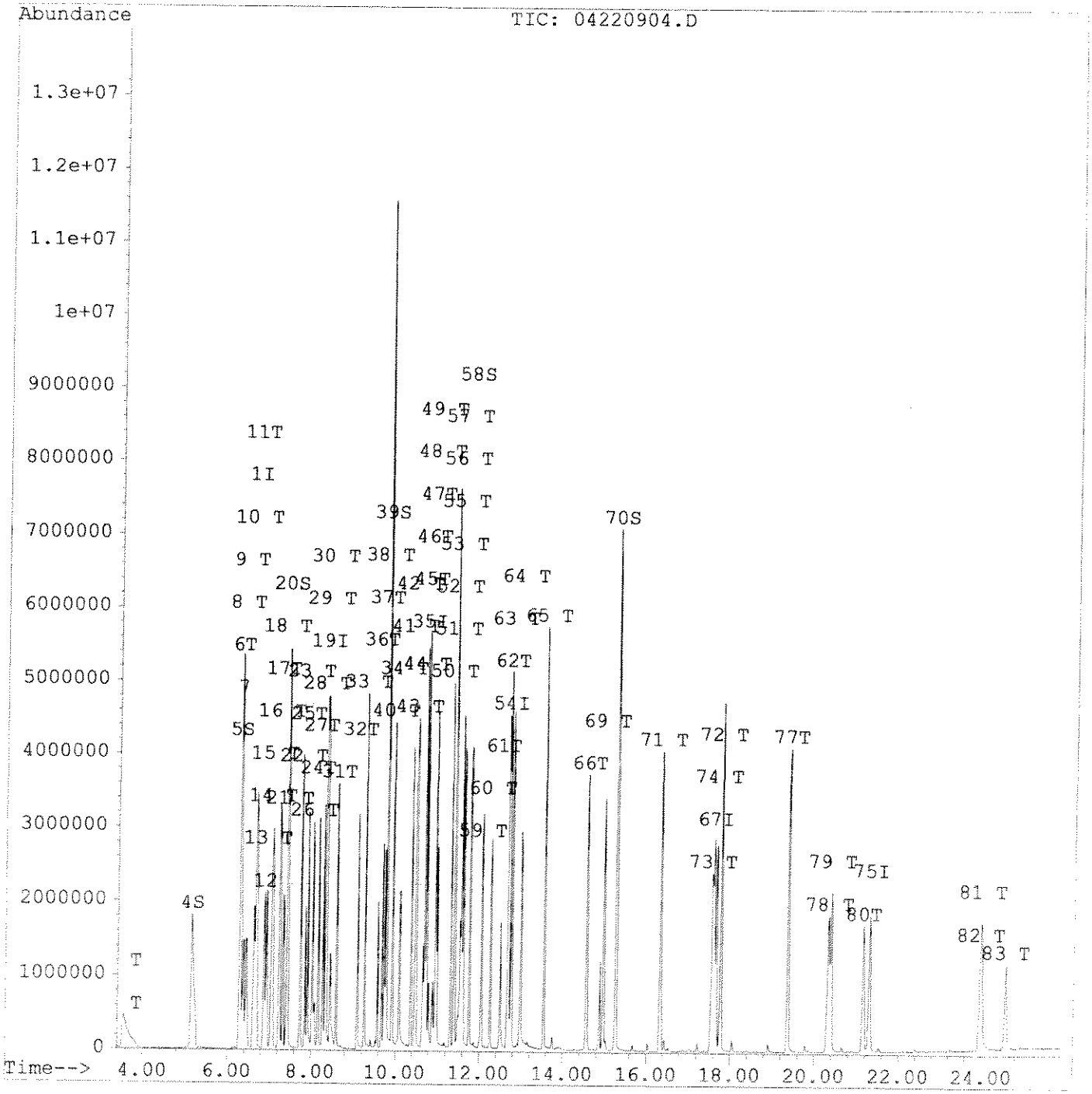
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
44) 3-NITROANILINE	10.66	65	578004	42.33 PPB		99
45) ACENAPHTHENE - CCC	10.74	153	2064016	40.57 PPB		97
46) 2,4-DINITROPHENOL - SPCC	10.79	184	222780	30.27 PPB		99
47) 4-NITROPHENOL - SPCC	10.88	139	338176	33.94 PPB		93
48) DIBENZOFURAN	10.95	168	3055583	39.18 PPB		98
49) 2,4 DINITROTOLUENE	10.98	165	862284	41.53 PPB		99
50) DIETHYLPHTHLATE	11.31	149	2904388	41.07 PPB		99
51) 4-CHLOROPHENYLPHENYL ETHER	11.40	204	1057098	39.71 PPB		99
52) FLUORENE	11.41	166	2501070	41.00 PPB		100
53) 4-NITROANILINE	11.50	138	312434	36.79 PPB		97
55) 4,6-DINITRO-2-METHYLPHENOL	11.53	198	364046	35.98 PPB	#	98
56) N-NITROSODIPHENYLAMINE	11.57	168	1142503	40.23 PPB	#	100
57) 1,2 DIPHENYLHYDRAZINE	11.60	77	3525896	40.31 PPB		100
59) 4-BROMOPHENYLPHENYL ETHER	12.04	51	278187	40.52 PPB		94
60) HEXACHLOROBENZENE	12.26	284	542829	39.16 PPB		99
61) PENTACHLOROPHENOL - CCC	12.49	266	293403	34.35 PPB		99
62) PHENANTHRENE	12.70	178	3286091	40.65 PPB		100
63) ANTHRACENE	12.76	178	3256363	40.30 PPB		100
64) CARBAZOLE	12.98	167	2877079	39.08 PPB		99
65) DI-N-BUTYLPHTHALATE	13.55	149	5171159	42.95 PPB		99
66) FLUORANTHENE - CCC	14.57	202	3132077	40.74 PPB		99
68) BENZIDINE	0.00	184		Not Detected		
69) PYRENE	14.98	202	2988704	37.83 PPB		100
71) BUTYLBENZYLPHTHALATE	16.33	149	2182037	39.17 PPB		98
72) BIS(2-ETHYLHEXYL)PHTHALATE	17.78	149	2944404	36.91 PPB		99
73) BENZO(A)ANTHRACENE	17.56	228	2444918	37.80 PPB		100
74) CHRYSENE	17.67	228	2397457	38.68 PPB		99
76) 3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected		
77) DI-N-OCTYL PHTHALATE - CCC	19.38	149	5127430	36.32 PPB		99
78) BENZO(B)FLOURANTHENE	20.33	252	2376525	38.75 PPB		94
79) BENZO(K)FLUORANTHENE	20.39	252	2169887	38.14 PPB	m	78
80) BENZO(A)PYRENE - CCC	21.16	252	1847213	35.23 PPB		99
81) DIBENZO(A,H)ANTHRACENE	24.00	278	1387972	32.70 PPB		99
82) INDENO(1,2,3-CD)PYRENE	23.96	276	1672507	33.60 PPB		100
83) BENZO(G,H,I)PERYLENE	24.57	276	1414793	33.68 PPB		99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220904.D Vial: 5
Acq On : 22 Apr 109 10:28 am Operator:
Sample : bna std 40 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 10:57 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration



Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220905.D Vial: 6
Acq On : 22 Apr 109 11:04 am Operator:
Sample : bna std 1 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 11:47 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1589471	40.00	PPB		0.03
19) NAPHTHALENE-d8 INT. STD.	8.33	136	3903751	40.00	PPB		0.02
35) ACENAPHTHENE-d10 INT. STD.	10.70	162	2032560	40.00	PPB		0.03
54) PHENANTHRENE-d10 INT. STD.	12.67	188	3254431	40.00	PPB		0.02
67) CHRYSENE-d12 INT. STD.	17.60	240	2755822	40.00	PPB		0.03
75) PERYLENE-d12 INT. STD.	21.30	264	1983300	40.00	PPB		0.04
System Monitoring Compounds							%Recovery
4) 2-FLUOROPHENOL SURR.	5.14	112	3138738	111.45	PPB		
5) PHENOL-d6 SURR.	6.28	99	3954042	111.59	PPB		
20) NITROBENZENE-d5 SURR.	7.42	82	3893710	97.04	PPB		
39) 2-FLUOROBIPHENYL SURR.	9.79	172	6972685	103.40	PPB		
58) 2,4,6 TRIBROMOPHENOL SURR.	11.76	330	748652	93.21	PPB		
70) TERPHENYL-d14 SURR.	15.28	244	5439769	105.01	PPB		
Target Compounds							Qvalue
2) N-NITROSODIMETHYLAMINE	3.61	74	22822	1.28	PPB	m	31
3) PYRIDINE	3.57	79	45908	1.35	PPB	m	79
6) PHENOL - CCC	6.29	94	51999	1.25	PPB	#	1
7) aniline	6.31	93	40141	1.28	PPB	#	10
8) BIS(2-CHLOROETHYL)ETHER	6.37	93	46148	1.23	PPB		98
9) 2-CHLOROPHENOL	6.44	128	36021	1.16	PPB		93
10) 1,3 DICHLOROBENZENE	6.62	146	43383	1.31	PPB		94
11) 1,4 DICHLOROBENZENE - CCC	6.69	146	38479	1.13	PPB	#	55
12) benzyl alcohol	6.88	79	32939	1.15	PPB		96
13) 1,2-DICHLOROBENZENE	6.93	146	40037	1.21	PPB		96
14) 2-METHYLPHENOL	7.04	108	30855	1.11	PPB		98
15) BIS(2-CHLOROISOPROPYL)ETHE	7.06	45	58931	1.28	PPB		95
16) 4-METHYLPHENOL	7.23	107	39544	1.14	PPB		93
17) N-NITROSO-DI-N-PROPYLAMINE	7.24	43	24856	1.22	PPB		96
18) HEXACHLOROETHANE	7.32	117	19443	1.15	PPB		96
21) NITROBENZENE	7.43	77	53576	1.25	PPB		91
22) ISOPHORONE	7.73	82	93378	1.07	PPB		97
23) 2,4 DIMETHYLPHENOL	7.91	107	27943	0.95	PPB		89
24) benzoic acid	0.00	105		Not Detected			
25) 2-NITROPHENOL - CCC	7.86	139	20671	0.97	PPB		86
26) BIS(2-CHLOROETHOXY)METHANE	8.03	93	47327	1.01	PPB		99
27) 2,4 DICHLOROPHENOL - CCC	8.18	162	25560	0.87	PPB		94
28) 1,2,4 TRICHLOROBENZENE	8.27	180	33657	1.13	PPB		97
29) NAPHTHALENE	8.35	128	106297	1.05	PPB		85
30) 4-CHLOROANILINE	8.46	127	28193	0.86	PPB		91
31) HEXACHLOROBUTADIENE - CCC	8.60	225	17331	1.05	PPB		96
32) 4-CHLORO-3-METHYLPHENOL -	9.11	107	27752	0.86	PPB		99
33) 2-METHYLNAPHTHALENE	9.27	142	67845	1.05	PPB		97
34) 2-NITROANILINE	10.10	138	17446	0.74	PPB		94
36) HEXACHLOROCYCLOPENTADIENE	0.00	237		Not Detected			
37) 2,4,6-TRICHLOROPHENOL - CC	9.69	196	15125	0.85	PPB		95
38) 2,4,5 TRICHLOROPHENOL	9.76	196	13622	0.75	PPB	#	33
40) 2-CHLORONAPHTHALENE	9.93	162	66047	1.08	PPB		99
41) DIMETHYLPHTHALATE	10.36	163	81024	1.06	PPB		98
42) 2,6 DINITROTOLUENE	10.47	165	13961	0.78	PPB		86
43) ACENAPHTHYLENE	10.49	152	103570	1.07	PPB		99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220905.D Vial: 6
Acq On : 22 Apr 109 11:04 am Operator:
Sample : bna std 1 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 11:47 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

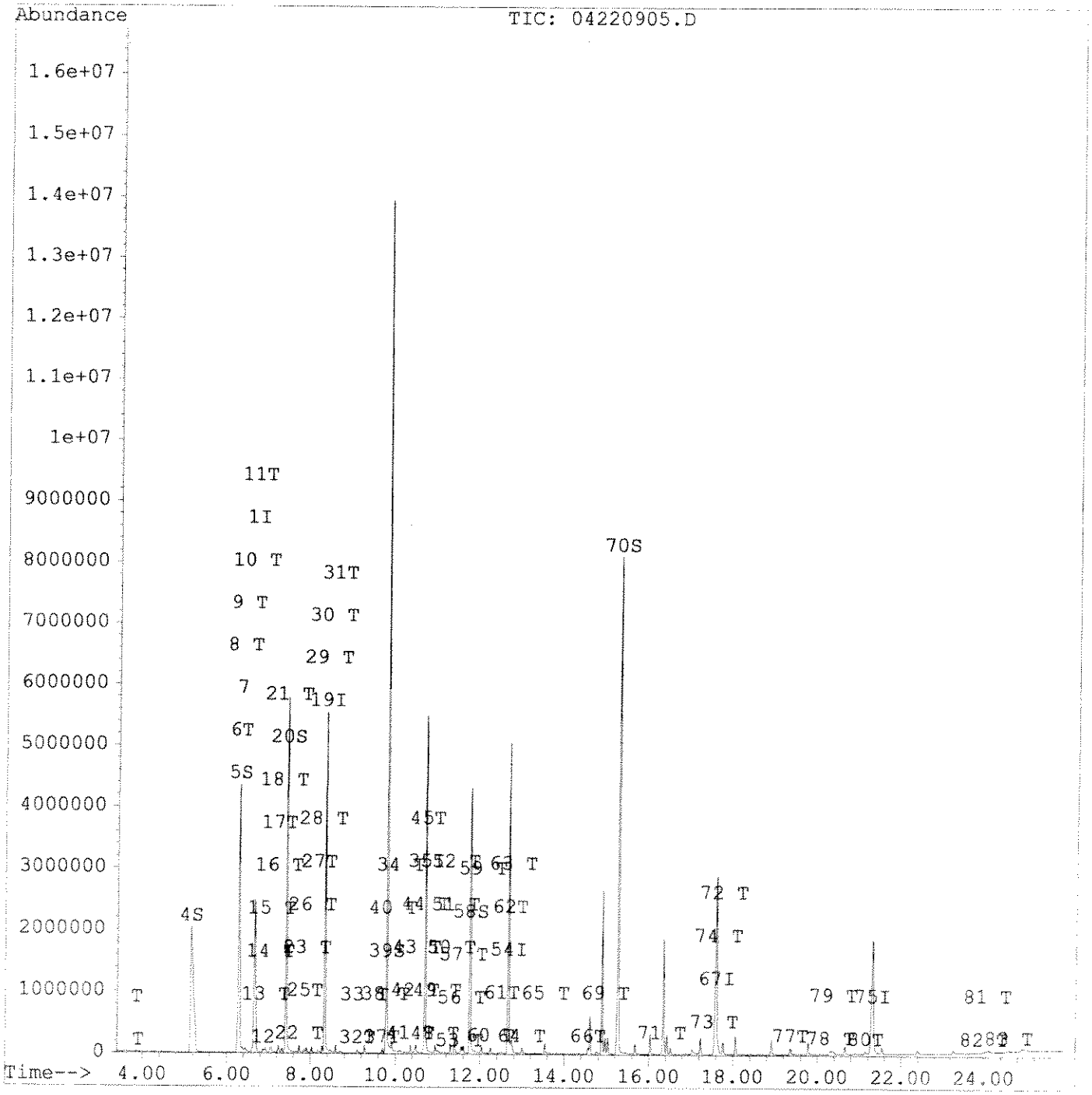
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
44)	3-NITROANILINE	10.69	65	11266	0.72 PPB	m	71
45)	ACENAPHTHENE - CCC	10.73	153	67108	1.16 PPB		95
46)	2,4-DINITROPHENOL - SPCC	0.00	184		Not Detected		
47)	4-NITROPHENOL - SPCC	0.00	139		Not Detected		
48)	DIBENZOFURAN	10.94	168	97780	1.10 PPB		94
49)	2,4 DINITROTOLUENE	10.99	165	14844	0.63 PPB		94
50)	DIETHYLPHTHLATE	11.31	149	86865	1.08 PPB		98
51)	4-CHLOROPHENYLPHENYL ETHER	11.40	204	33123	1.09 PPB		94
52)	FLUORENE	11.41	166	79744	1.15 PPB		99
53)	4-NITROANILINE	11.53	138	8230	0.85 PPB	#	55
55)	4,6-DINITRO-2-METHYLPHENOL	0.00	198		Not Detected		
56)	N-NITROSODIPHENYLAMINE	11.56	168	33378	1.01 PPB	#	98
57)	1,2 DIPHENYLHYDRAZINE	11.60	77	99085	0.97 PPB		98
59)	4-BROMOPHENYLPHENYL ETHER	12.05	51	8527	1.06 PPB		97
60)	HEXACHLOROBENZENE	12.26	284	17216	1.06 PPB		95
61)	PENTACHLOROPHENOL - CCC	12.51	266	2544	0.26 PPB		87
62)	PHENANTHRENE	12.70	178	103896	1.10 PPB		94
63)	ANTHRACENE	12.76	178	100243	1.06 PPB		97
64)	CARBAZOLE	12.99	167	92361	1.08 PPB		99
65)	DI-N-BUTYLPHTHALATE	13.54	149	148842	1.06 PPB		99
66)	FLUORANTHENE - CCC	14.56	202	96830	1.08 PPB		99
68)	BENZIDINE	0.00	184		No Calib	#	
69)	PYRENE	14.97	202	95926	1.14 PPB		98
71)	BUTYLBENZYLPHTHALATE	16.32	149	67928	1.15 PPB		97
72)	BIS(2-ETHYLHEXYL)PHTHALATE	17.77	149	107812	1.27 PPB		99
73)	BENZO(A)ANTHRACENE	17.55	228	76108	1.11 PPB		98
74)	CHRYSENE	17.65	228	71298	1.08 PPB		99
76)	3,3'-DICHLOROBENZIDINE	0.00	252		No Calib	#	
77)	DI-N-OCTYL PHTHALATE - CCC	19.37	149	138662	0.91 PPB		99
78)	BENZO(B)FLOURANTHENE	20.32	252	64131	0.96 PPB		95
79)	BENZO(K)FLUORANTHENE	20.38	252	65654	1.06 PPB	m	77
80)	BENZO(A)PYRENE - CCC	21.15	252	48561	0.85 PPB		97
81)	DIBENZO(A,H)ANTHRACENE	24.09	278	34522	0.75 PPB	m	50
82)	INDENO(1,2,3-CD)PYRENE	24.01	276	39263	0.73 PPB	m	85
83)	BENZO(G,H,I)PERYLENE	24.60	276	39816	0.87 PPB	m	93

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220905.D Vial: 6
Acq On : 22 Apr 109 11:04 am Operator:
Sample : bna std 1 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 11:47 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration



Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220906.D Vial: 7
Acq On : 22 Apr 109 11:40 am Operator:
Sample : bna std 10 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 12:09 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1941729	40.00	PPB		0.03
19) NAPHTHALENE-d8 INT. STD.	8.33	136	4723400	40.00	PPB		0.02
35) ACENAPHTHENE-d10 INT. STD.	10.70	162	2464479	40.00	PPB		0.03
54) PHENANTHRENE-d10 INT. STD.	12.67	188	3994658	40.00	PPB		0.02
67) CHRYSENE-d12 INT. STD.	17.61	240	3576931	40.00	PPB		0.03
75) PERYLENE-d12 INT. STD.	21.31	264	2589535	40.00	PPB		0.04
System Monitoring Compounds							%Recovery
4) 2-FLUOROPHENOL SURR.	5.14	112	3891450	113.11	PPB		
5) PHENOL-d6 SURR.	6.28	99	4869979	112.50	PPB		
20) NITROBENZENE-d5 SURR.	7.41	82	4844085	99.77	PPB		
39) 2-FLUOROBIPHENYL SURR.	9.78	172	8480444	103.72	PPB		
58) 2,4,6 TRIBROMOPHENOL SURR.	11.76	330	973749	98.77	PPB		
70) TERPHENYL-d14 SURR.	15.28	244	6586196	97.96	PPB		
Target Compounds							Qvalue
2) N-NITROSODIMETHYLAMINE	3.58	74	248755	11.45	PPB		96
3) PYRIDINE	3.55	79	478089	11.50	PPB		97
6) PHENOL - CCC	6.29	94	567427	11.19	PPB		88
7) aniline	6.30	93	481838	12.56	PPB	#	79
8) BIS(2-CHLOROETHYL)ETHER	6.37	93	530963	11.58	PPB		98
9) 2-CHLOROPHENOL	6.45	128	436764	11.56	PPB		100
10) 1,3 DICHLOROBENZENE	6.62	146	458456	11.34	PPB		96
11) 1,4 DICHLOROBENZENE - CCC	6.69	146	484930	11.70	PPB		97
12) benzyl alcohol	6.87	79	385550	11.01	PPB		99
13) 1,2-DICHLOROBENZENE	6.93	146	452621	11.24	PPB		99
14) 2-METHYLPHENOL	7.04	108	364034	10.69	PPB		96
15) BIS(2-CHLOROISOPROPYL)ETHE	7.07	45	672406	11.95	PPB		99
16) 4-METHYLPHENOL	7.22	107	493861	11.62	PPB		99
17) N-NITROSO-DI-N-PROPYLAMINE	7.25	43	281590	11.27	PPB		98
18) HEXACHLOROETHANE	7.33	117	236121	11.39	PPB		98
21) NITROBENZENE	7.43	77	517609	9.96	PPB		97
22) ISOPHORONE	7.73	82	1107609	10.46	PPB		99
23) 2,4 DIMETHYLPHENOL	7.91	107	350513	9.80	PPB		96
24) benzoic acid	8.04	105	147052	6.33	PPB		99
25) 2-NITROPHENOL - CCC	7.86	139	267089	10.32	PPB		98
26) BIS(2-CHLOROETHOXY)METHANE	8.02	93	586665	10.36	PPB		99
27) 2,4 DICHLOROPHENOL - CCC	8.16	162	352342	9.93	PPB		99
28) 1,2,4 TRICHLOROBENZENE	8.28	180	368902	10.22	PPB		100
29) NAPHTHALENE	8.35	128	1249791	10.21	PPB		99
30) 4-CHLOROANILINE	8.44	127	411288	10.42	PPB		99
31) HEXACHLOROBUTADIENE - CCC	8.60	225	206702	10.34	PPB		99
32) 4-CHLORO-3-METHYLPHENOL -	9.09	107	399264	10.22	PPB		100
33) 2-METHYLNAPHTHALENE	9.26	142	814372	10.43	PPB		99
34) 2-NITROANILINE	10.09	138	301744	10.54	PPB		97
36) HEXACHLOROCYCLOPENTADIENE	9.58	237	111449	7.39	PPB		97
37) 2,4,6-TRICHLOROPHENOL - CC	9.69	196	218386	10.17	PPB		98
38) 2,4,5 TRICHLOROPHENOL	9.75	196	227958	10.31	PPB		96
40) 2-CHLORONAPHTHALENE	9.93	162	774385	10.45	PPB		99
41) DIMETHYLPHTHALATE	10.37	163	958882	10.33	PPB		99
42) 2,6 DINITROTOLUENE	10.46	165	229961	10.64	PPB		96
43) ACENAPHTHYLENE	10.49	152	1208508	10.33	PPB		99

(#) = qualifier out of range (m) = manual integration
04220906.D G2041709.M Wed Apr 22 12:09:24 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220906.D Vial: 7
Acq On : 22 Apr 109 11:40 am Operator:
Sample : bna std 10 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 12:09 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

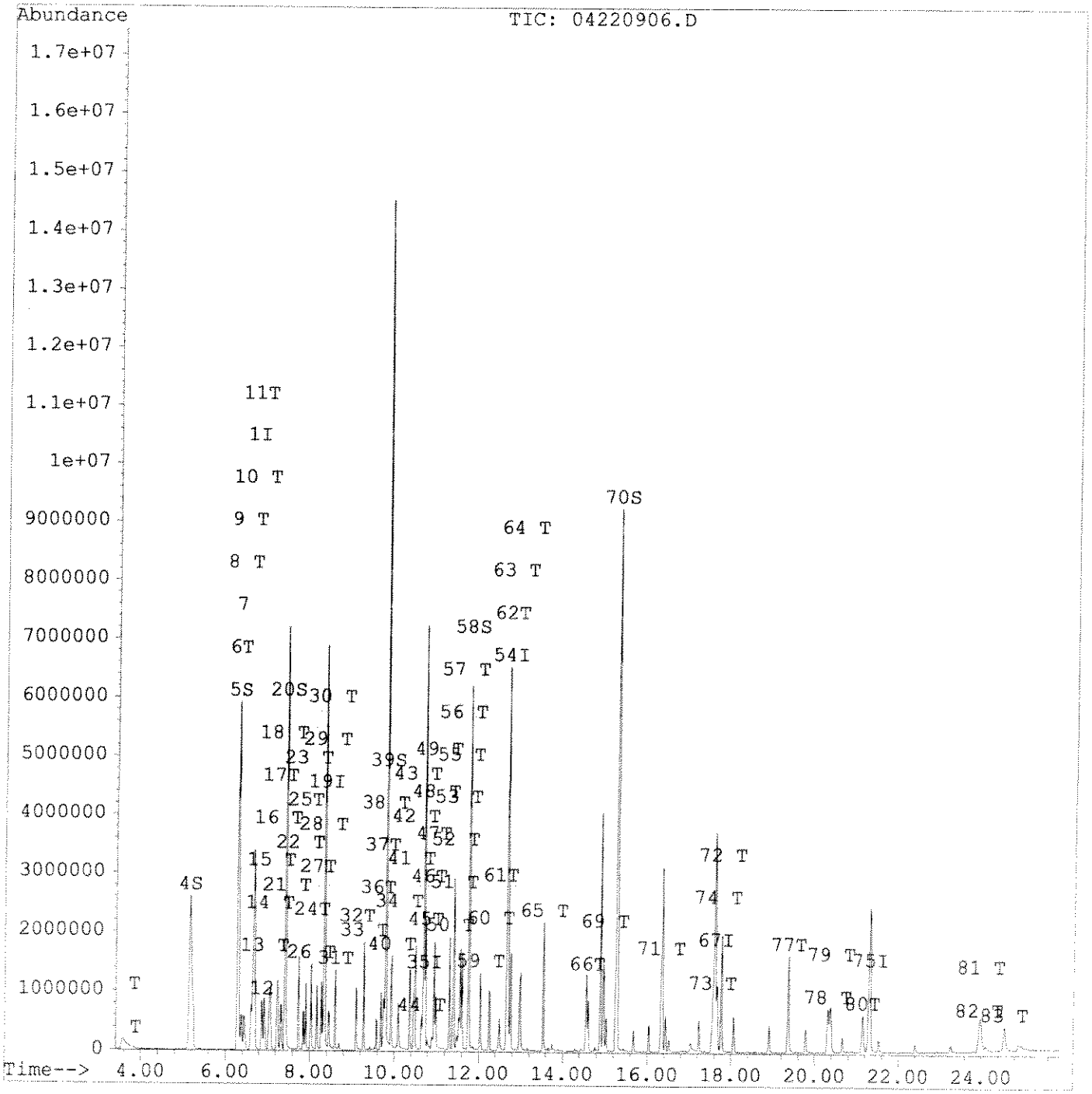
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
44) 3-NITROANILINE	10.65	65	251565	13.33 PPB		97
45) ACENAPHTHENE - CCC	10.73	153	788125	11.21 PPB		99
46) 2,4-DINITROPHENOL - SPCC	10.79	184	50644	4.98 PPB		98
47) 4-NITROPHENOL - SPCC	10.89	139	89203	6.48 PPB	m	5
48) DIBENZOFURAN	10.94	168	1172412	10.88 PPB		86
49) 2,4 DINITROTOLUENE	10.99	165	299207	10.43 PPB		89
50) DIETHYLPHTHLATE	11.30	149	1024304	10.48 PPB		100
51) 4-CHLOROPHENYLPHENYL ETHER	11.40	204	395109	10.74 PPB		99
52) FLUORENE	11.41	166	928735	11.02 PPB		100
53) 4-NITROANILINE	11.48	138	147711	12.59 PPB		96
55) 4,6-DINITRO-2-METHYLPHENOL	11.52	198	112929	7.80 PPB	#	96
56) N-NITROSODIPHENYLAMINE	11.56	168	429221	10.56 PPB	#	99
57) 1,2 DIPHENYLHYDRAZINE	11.61	77	1299863	10.38 PPB		99
59) 4-BROMOPHENYLPHENYL ETHER	12.04	51	105481	10.73 PPB		92
60) HEXACHLOROBENZENE	12.26	284	207195	10.44 PPB		98
61) PENTACHLOROPHENOL - CCC	12.50	266	94893	7.76 PPB		99
62) PHENANTHRENE	12.70	178	1252388	10.82 PPB		99
63) ANTHRACENE	12.77	178	1225785	10.60 PPB		100
64) CARBAZOLE	12.99	167	1169077	11.09 PPB		99
65) DI-N-BUTYLPHTHALATE	13.54	149	1886374	10.94 PPB		100
66) FLUORANTHENE - CCC	14.57	202	1180337	10.72 PPB		100
68) BENZIDINE	0.00	184		No Calib	#	
69) PYRENE	14.98	202	1099950	10.08 PPB		99
71) BUTYLBENZYLPHTHALATE	16.32	149	793338	10.31 PPB		97
72) BIS(2-ETHYLHEXYL)PHTHALATE	17.77	149	1150966	10.45 PPB		100
73) BENZO(A)ANTHRACENE	17.55	228	908655	10.17 PPB		100
74) CHRYSENE	17.66	228	878854	10.27 PPB		100
76) 3,3'-DICHLOROBENZIDINE	0.00	252		No Calib	#	
77) DI-N-OCTYL PHTHALATE - CCC	19.37	149	1858890	9.30 PPB		100
78) BENZO(B)FLOURANTHENE	20.31	252	799750	9.21 PPB		96
79) BENZO(K)FLUORANTHENE	20.38	252	748420	9.30 PPB	m	76
80) BENZO(A)PYRENE - CCC	21.15	252	660055	8.90 PPB		99
81) DIBENZO(A,H)ANTHRACENE	23.98	278	497324	8.28 PPB		98
82) INDENO(1,2,3-CD)PYRENE	23.95	276	595633	8.45 PPB		100
83) BENZO(G,H,I)PERYLENE	24.55	276	507443	8.53 PPB		99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220906.D Vial: 7
Acq On : 22 Apr 109 11:40 am Operator:
Sample : bna std 10 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 12:09 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration



Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220907.D Vial: 8
Acq On : 22 Apr 109 12:15 pm Operator:
Sample : bz std 10 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 12:41 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

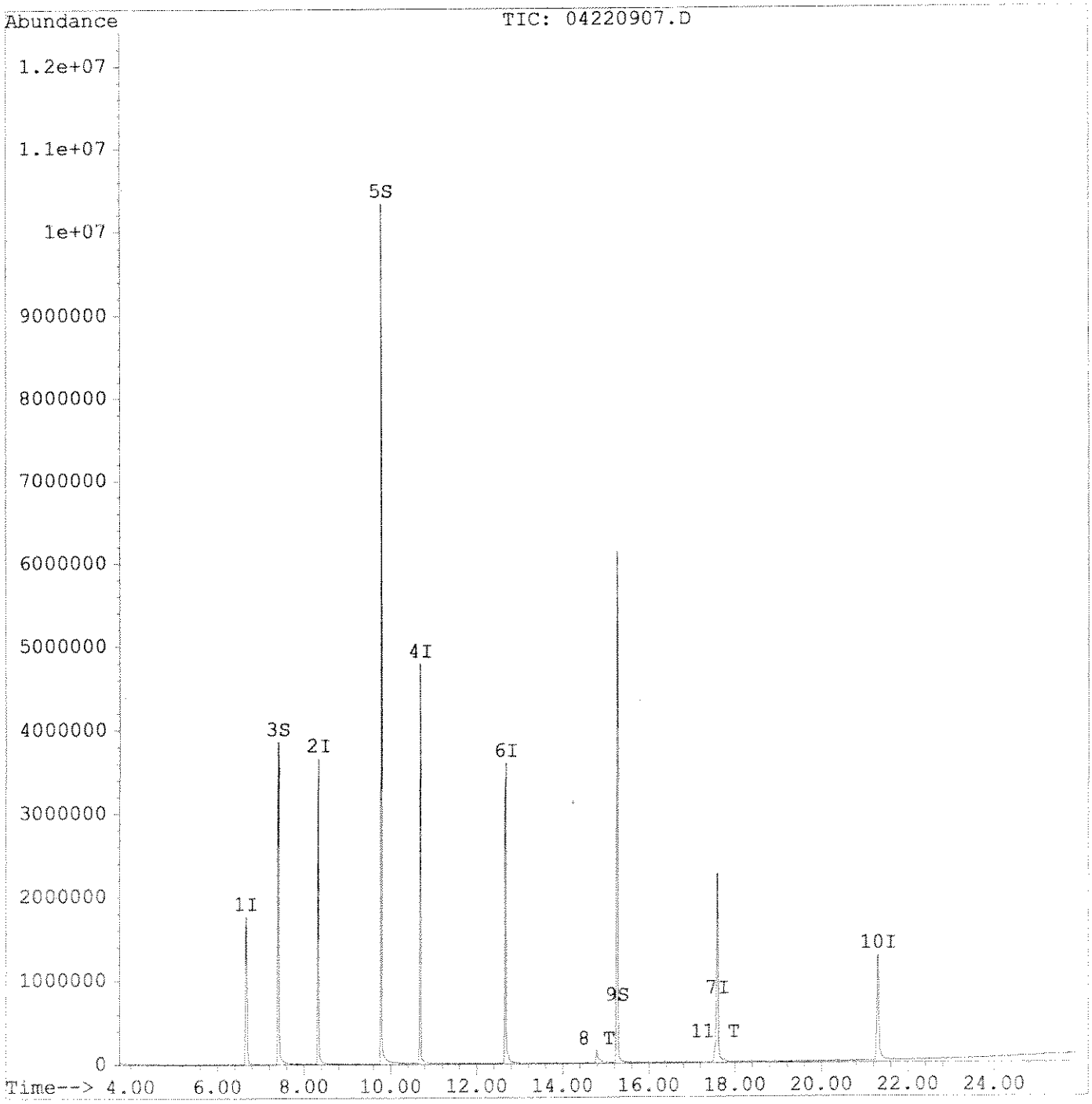
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1203112	40.00	PPB	-0.03
2) NAPHTHALENE-d8 INT. STD.	8.33	136	2968942	40.00	PPB	-0.03
4) ACENAPHTHENE-d10 INT. STD.	10.69	162	1576131	40.00	PPB	-0.04
6) PHENANTHRENE-d10 INT. STD.	12.67	188	2475036	40.00	PPB	-0.04
7) CHRYSENE-d12 INT. STD.	17.60	240	2181671	40.00	PPB	-0.07
10) PERYLENE-d12 INT. STD.	21.31	264	1441757	40.00	PPB	-0.08
System Monitoring Compounds						%Recovery
3) NITROBENZENE-d5 SURR.	7.41	82	2796866	93.77	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.79	172	5110261	97.05	PPB	
9) TERPHENYL-d14 SURR.	15.27	244	4085063	104.96	PPB	
Target Compounds						Qvalue
8) BENZIDINE	14.80	184	244903	6.98	PPB	99
11) 3,3'-DICHLOROBENZIDINE	17.54	252	149040	9.20	PPB	95

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220907.D Vial: 8
Acq On : 22 Apr 109 12:15 pm Operator:
Sample : bz std 10 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 12:41 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration



Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220910.D Vial: 11
Acq On : 22 Apr 109 2:03 pm Operator:
Sample : bna method blank - water Inst : SVGCMS2
Misc : 4/21/09 Multiplr: 1.00
Quant Time: Apr 22 14:56 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1136186	40.00 PPB	0.03
19) NAPHTHALENE-d8 INT. STD.	8.33	136	2830484	40.00 PPB	0.02
35) ACENAPHTHENE-d10 INT. STD.	10.69	162	1493375	40.00 PPB	0.02
54) PHENANTHRENE-d10 INT. STD.	12.67	188	2388793	40.00 PPB	0.02
67) CHRYSENE-d12 INT. STD.	17.60	240	2003506	40.00 PPB	0.03
75) PERYLENE-d12 INT. STD.	21.31	264	1202002	40.00 PPB	0.04
System Monitoring Compounds					%Recovery
4) 2-FLUOROPHENOL SURR.	5.14	112	1713775	85.13 PPB	
5) PHENOL-d6 SURR.	6.28	99	2300737	90.83 PPB	
20) NITROBENZENE-d5 SURR.	7.41	82	2071192	71.19 PPB	
39) 2-FLUOROBIPHENYL SURR.	9.79	172	4126673	83.29 PPB	
58) 2,4,6 TRIBROMOPHENOL SURR.	11.76	330	453957	77.00 PPB	
70) TERPHENYL-d14 SURR.	15.27	244	3440884	91.37 PPB	
Target Compounds					Qvalue
2) N-NITROSODIMETHYLAMINE	0.00	74		Not Detected	
3) PYRIDINE	0.00	79		Not Detected	
6) PHENOL - CCC	0.00	94		Not Detected	
7) aniline	0.00	93		Not Detected	
8) BIS(2-CHLOROETHYL)ETHER	0.00	93		Not Detected	
9) 2-CHLOROPHENOL	0.00	128		Not Detected	
10) 1,3 DICHLOROBENZENE	0.00	146		Not Detected	
11) 1,4 DICHLOROBENZENE - CCC	0.00	146		Not Detected	
12) benzyl alcohol	0.00	79		Not Detected	
13) 1,2-DICHLOROBENZENE	0.00	146		Not Detected	
14) 2-METHYLPHENOL	0.00	108		Not Detected	
15) BIS(2-CHLOROISOPROPYL)ETHE	0.00	45		Not Detected	
16) 4-METHYLPHENOL	0.00	107		Not Detected	
17) N-NITROSO-DI-N-PROPYLAMINE	0.00	43		Not Detected	
18) HEXACHLOROETHANE	0.00	117		Not Detected	
21) NITROBENZENE	0.00	77		Not Detected	
22) ISOPHORONE	0.00	82		Not Detected	
23) 2,4 DIMETHYLPHENOL	0.00	107		Not Detected	
24) benzoic acid	0.00	105		Not Detected	
25) 2-NITROPHENOL - CCC	0.00	139		Not Detected	
26) BIS(2-CHLOROETHOXY)METHANE	0.00	93		Not Detected	
27) 2,4 DICHLOROPHENOL - CCC	0.00	162		Not Detected	
28) 1,2,4 TRICHLOROBENZENE	0.00	180		Not Detected	
29) NAPHTHALENE	0.00	128		Not Detected	
30) 4-CHLOROANILINE	0.00	127		Not Detected	
31) HEXACHLOROBUTADIENE - CCC	0.00	225		Not Detected	
32) 4-CHLORO-3-METHYLPHENOL -	0.00	107		Not Detected	
33) 2-METHYLNAPHTHALENE	0.00	142		Not Detected	
34) 2-NITROANILINE	0.00	138		Not Detected	
36) HEXACHLOROCYCLOPENTADIENE	0.00	237		Not Detected	
37) 2,4,6-TRICHLOROPHENOL - CC	0.00	196		Not Detected	
38) 2,4,5 TRICHLOROPHENOL	0.00	196		Not Detected	
40) 2-CHLORONAPHTHALENE	0.00	162		Not Detected	
41) DIMETHYLPHTHALATE	0.00	163		Not Detected	
42) 2,6 DINITROTOLUENE	0.00	165		Not Detected	
43) ACENAPHTHYLENE	0.00	152		Not Detected	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220910.D Vial: 11
Acq On : 22 Apr 109 2:03 pm Operator:
Sample : bna method blank - water Inst : SVGCMS2
Misc : 4/21/09 Multiplr: 1.00
Quant Time: Apr 22 14:56 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
44)	3-NITROANILINE	0.00	65		Not Detected	
45)	ACENAPHTHENE - CCC	0.00	153		Not Detected	
46)	2,4-DINITROPHENOL - SPCC	0.00	184		Not Detected	
47)	4-NITROPHENOL - SPCC	0.00	139		Not Detected	
48)	DIBENZOFURAN	0.00	168		Not Detected	
49)	2,4 DINITROTOLUENE	0.00	165		Not Detected	
50)	DIETHYLPHTHLATE	0.00	149		Not Detected	
51)	4-CHLOROPHENYLPHENYL ETHER	0.00	204		Not Detected	
52)	FLUORENE	0.00	166		Not Detected	
53)	4-NITROANILINE	0.00	138		Not Detected	
55)	4,6-DINITRO-2-METHYLPHENOL	0.00	198		Not Detected	
56)	N-NITROSODIPHENYLAMINE	0.00	168		Not Detected	
57)	1,2 DIPHENYLHYDRAZINE	0.00	77		Not Detected	
59)	4-BROMOPHENYLPHENYL ETHER	0.00	51		Not Detected	
60)	HEXACHLOROBENZENE	0.00	284		Not Detected	
61)	PENTACHLOROPHENOL - CCC	0.00	266		Not Detected	
62)	PHENANTHRENE	0.00	178		Not Detected	
63)	ANTHRACENE	0.00	178		Not Detected	
64)	CARBAZOLE	0.00	167		Not Detected	
65)	DI-N-BUTYLPHTHALATE	0.00	149		Not Detected	
66)	FLUORANTHENE - CCC	0.00	202		Not Detected	
68)	BENZIDINE	0.00	184		No Calib #	
69)	PYRENE	0.00	202		Not Detected	
71)	BUTYLBENZYLPHTHALATE	0.00	149		Not Detected	
72)	BIS(2-ETHYLHEXYL)PHTHALATE	17.77	149	19674	0.32 PPB	96
73)	BENZO(A)ANTHRACENE	0.00	228		Not Detected	
74)	CHRYSENE	0.00	228		Not Detected	
76)	3,3'-DICHLOROBENZIDINE	0.00	252		No Calib #	
77)	DI-N-OCTYL PHTHALATE - CCC	0.00	149		Not Detected	
78)	BENZO(B)FLOURANTHENE	0.00	252		Not Detected	
79)	BENZO(K)FLUORANTHENE	0.00	252		Not Detected	
80)	BENZO(A)PYRENE - CCC	0.00	252		Not Detected	
81)	DIBENZO(A,H)ANTHRACENE	0.00	278		Not Detected	
82)	INDENO(1,2,3-CD)PYRENE	0.00	276		Not Detected	
83)	BENZO(G,H,I)PERYLENE	0.00	276		Not Detected	

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209bz\04220910.d Vial: 11
Acq On : 22 Apr 109 2:03 pm Operator:
Sample : bna method blank - water Inst : SVGCMS2
Misc : 4/21/09 Multiplr: 1.00
Quant Time: Apr 23 10:29 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

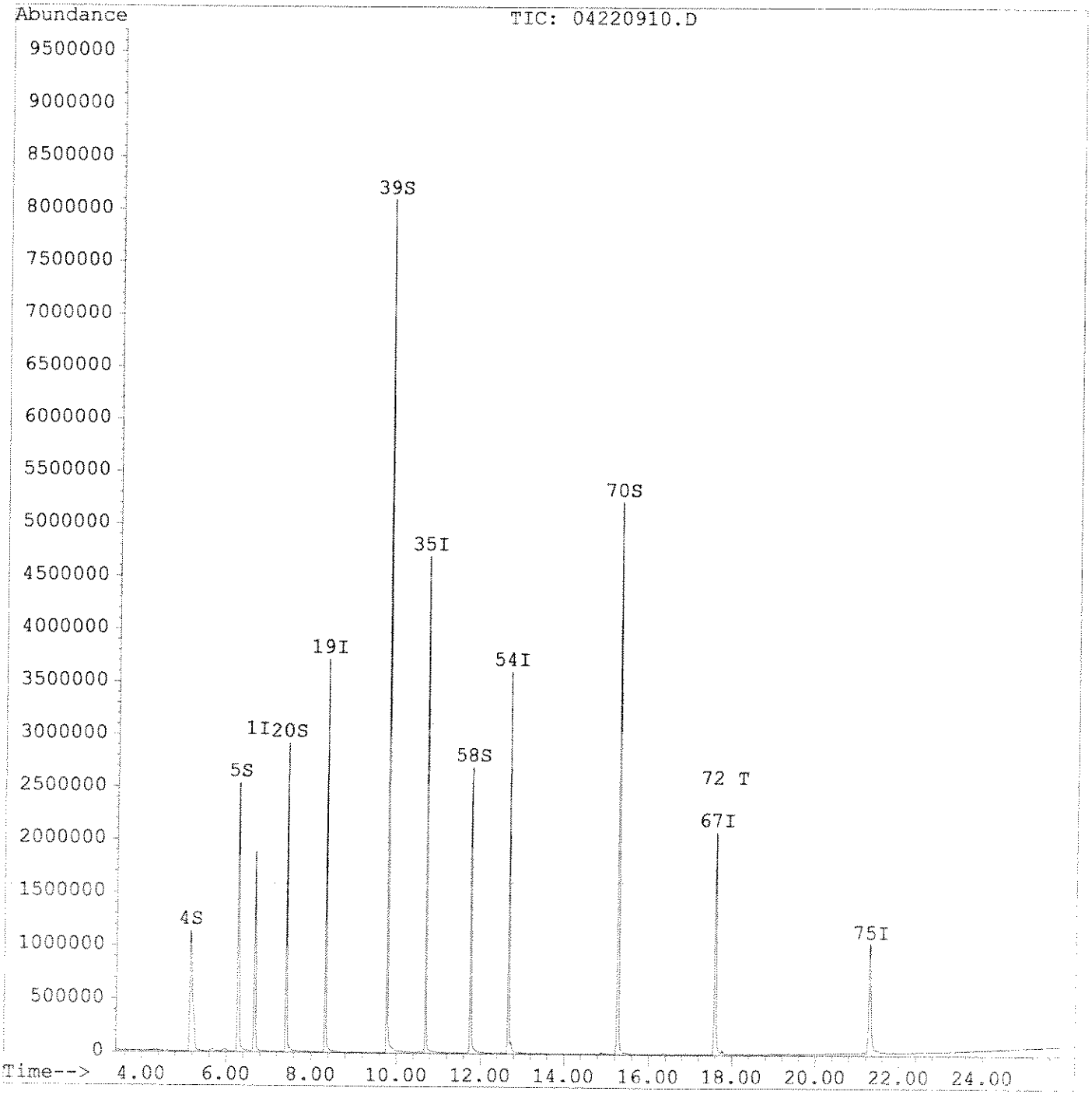
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1136990	40.00	PPB	-0.03
2) NAPHTHALENE-d8 INT. STD.	8.33	136	2827406	40.00	PPB	-0.03
4) ACENAPHTHENE-d10 INT. STD.	10.69	162	1491400	40.00	PPB	-0.04
6) PHENANTHRENE-d10 INT. STD.	12.67	188	2388793	40.00	PPB	-0.05
7) CHRYSENE-d12 INT. STD.	17.60	240	2003506	40.00	PPB	-0.07
10) PERYLENE-d12 INT. STD.	21.31	264	1202002	40.00	PPB	-0.08
System Monitoring Compounds						%Recovery
3) NITROBENZENE-d5 SURR.	7.41	82	2071192	72.91	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.79	172	4126673	82.83	PPB	
9) TERPHENYL-d14 SURR.	15.27	244	3444849	96.38	PPB	
Target Compounds						Qvalue
8) BENZIDINE	0.00	184		Not Detected		
11) 3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected		

(#) = qualifier out of range (m) = manual integration
04220910.d BZ021909.M Thu Apr 23 10:43:23 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220910.D Vial: 11
Acq On : 22 Apr 109 2:03 pm Operator:
Sample : bna method blank - water Inst : SVGCMS2
Misc : 4/21/09 Multiplr: 1.00
Quant Time: Apr 22 14:56 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration



Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220911.D Vial: 12
Acq On : 22 Apr 109 2:39 pm Operator:
Sample : bna lcs+30+50 - water cc09-1 Inst : SVGCMS2
Misc : 4/21/09 Multiplr: 1.00
Quant Time: Apr 22 16:01 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1232624	40.00	PPB		0.03
19) NAPHTHALENE-d8 INT. STD.	8.33	136	2677786	40.00	PPB		0.02
35) ACENAPHTHENE-d10 INT. STD.	10.69	162	1414066	40.00	PPB		0.02
54) PHENANTHRENE-d10 INT. STD.	12.68	188	2261436	40.00	PPB		0.03
67) CHRYSENE-d12 INT. STD.	17.61	240	1999975	40.00	PPB		0.04
75) PERYLENE-d12 INT. STD.	21.31	264	1275620	40.00	PPB		0.04
System Monitoring Compounds							%Recovery
4) 2-FLUOROPHENOL SURR.	5.15	112	1569437	71.86	PPB		
5) PHENOL-d6 SURR.	6.29	99	2124849	77.33	PPB		
20) NITROBENZENE-d5 SURR.	7.41	82	1983920	72.08	PPB		
39) 2-FLUOROBIPHENYL SURR.	9.79	172	3775150	80.47	PPB		
58) 2,4,6 TRIBROMOPHENOL SURR.	11.76	330	484582	86.82	PPB		
70) TERPHENYL-d14 SURR.	15.28	244	3186044	84.75	PPB		
Target Compounds							Qvalue
2) N-NITROSODIMETHYLAMINE	3.56	74	296819	21.51	PPB		98
3) PYRIDINE	3.54	79	472645	17.91	PPB		94
6) PHENOL - CCC	6.30	94	1184763	36.81	PPB	#	81
7) aniline	6.31	93	801116	32.90	PPB		93
8) BIS(2-CHLOROETHYL)ETHER	6.38	93	623136	21.41	PPB		95
9) 2-CHLOROPHENOL	6.45	128	881592	36.77	PPB		99
10) 1,3 DICHLOROBENZENE	6.62	146	555151	21.63	PPB		97
11) 1,4 DICHLOROBENZENE - CCC	6.68	146	597024	22.68	PPB		96
12) benzyl alcohol	6.87	79	607202	27.30	PPB		99
13) 1,2-DICHLOROBENZENE	6.93	146	544958	21.31	PPB		99
14) 2-METHYLPHENOL	7.05	108	874934	40.46	PPB		96
15) BIS(2-CHLOROISOPROPYL)ETHE	7.07	45	813479	22.78	PPB		100
16) 4-METHYLPHENOL	7.22	107	1078707	39.99	PPB		99
17) N-NITROSO-DI-N-PROPYLAMINE	7.25	43	396822	25.02	PPB		94
18) HEXACHLOROETHANE	7.33	117	286786	21.79	PPB		100
21) NITROBENZENE	7.43	77	638077	21.66	PPB		98
22) ISOPHORONE	7.74	82	1471883	24.52	PPB		100
23) 2,4 DIMETHYLPHENOL	7.90	107	1059205	52.26	PPB		97
24) benzoic acid	8.07	105	370650	28.14	PPB		95
25) 2-NITROPHENOL - CCC	7.86	139	528723	36.02	PPB		93
26) BIS(2-CHLOROETHOXY)METHANE	8.02	93	752458	23.43	PPB		98
27) 2,4 DICHLOROPHENOL - CCC	8.16	162	788944	39.20	PPB		99
28) 1,2,4 TRICHLOROBENZENE	8.28	180	464111	22.67	PPB		99
29) NAPHTHALENE	8.36	128	1579535	22.76	PPB		99
30) 4-CHLOROANILINE	8.45	127	777476	34.73	PPB		98
31) HEXACHLOROBUTADIENE - CCC	8.60	225	244001	21.53	PPB		99
32) 4-CHLORO-3-METHYLPHENOL -	9.09	107	916881	41.41	PPB		99
33) 2-METHYLNAPHTHALENE	9.28	142	1269695	28.67	PPB		99
34) 2-NITROANILINE	10.10	138	481048	29.64	PPB		99
36) HEXACHLOROCYCLOPENTADIENE	9.58	237	155446	17.96	PPB		98
37) 2,4,6-TRICHLOROPHENOL - CC	9.69	196	486162	39.46	PPB		98
38) 2,4,5 TRICHLOROPHENOL	9.75	196	548519	43.24	PPB		96
40) 2-CHLORONAPHTHALENE	9.92	162	1062576	24.98	PPB		100
41) DIMETHYLPHTHALATE	10.37	163	1337836	25.12	PPB		99
42) 2,6 DINITROTOLUENE	10.46	165	317922	25.63	PPB		99
43) ACENAPHTHYLENE	10.48	152	1711854	25.50	PPB		100

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220911.D Vial: 12
Acq On : 22 Apr 109 2:39 pm Operator:
Sample : bna lcs+30+50 - water cc09-1 Inst : SVGCMS2
Misc : 4/21/09 Multiplr: 1.00
Quant Time: Apr 22 16:01 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
44) 3-NITROANILINE	10.65	65	458548	42.36 PPB		100
45) ACENAPHTHENE - CCC	10.74	153	1050748	26.05 PPB		98
46) 2,4-DINITROPHENOL - SPCC	10.79	184	176698	30.29 PPB		97
47) 4-NITROPHENOL - SPCC	10.88	139	259157	32.81 PPB		92
48) DIBENZOFURAN	10.95	168	1836217	29.70 PPB		97
49) 2,4 DINITROTOLUENE	10.99	165	435515	26.46 PPB		96
50) DIETHYLPHTHLATE	11.30	149	1391781	24.83 PPB		100
51) 4-CHLOROPHENYLPHENYL ETHER	11.40	204	543040	25.74 PPB		98
52) FLUORENE	11.41	166	1316861	27.23 PPB		100
53) 4-NITROANILINE	11.48	138	332224	49.34 PPB		97
55) 4,6-DINITRO-2-METHYLPHENOL	11.54	198	325217	39.66 PPB	#	97
56) N-NITROSODIPHENYLAMINE	11.56	168	563440	24.48 PPB	#	97
57) 1,2 DIPHENYLHYDRAZINE	11.61	77	1802365	25.43 PPB		85
59) 4-BROMOPHENYLPHENYL ETHER	12.04	51	143738	25.83 PPB		95
60) HEXACHLOROBENZENE	12.27	284	281962	25.10 PPB		98
61) PENTACHLOROPHENOL - CCC	12.50	266	254553	36.77 PPB		100
62) PHENANTHRENE	12.70	178	1701523	25.97 PPB		100
63) ANTHRACENE	12.76	178	1674239	25.57 PPB		100
64) CARBAZOLE	12.99	167	1617005	27.10 PPB		99
65) DI-N-BUTYLPHTHALATE	13.54	149	2528594	25.91 PPB		100
66) FLUORANTHENE - CCC	14.56	202	1562421	25.07 PPB		99
68) BENZIDINE	0.00	184		Not Detected		
69) PYRENE	14.97	202	1613452	26.45 PPB		100
71) BUTYLBENZYLPHTHALATE	16.33	149	1099409	25.55 PPB		99
72) BIS(2-ETHYLHEXYL)PHTHALATE	17.78	149	1486833	24.14 PPB		99
73) BENZO(A)ANTHRACENE	17.56	228	1281486	25.66 PPB		99
74) CHRYSENE	17.66	228	1213903	25.36 PPB		100
76) 3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected		
77) DI-N-OCTYL PHTHALATE - CCC	19.38	149	2478566	25.18 PPB		100
78) BENZO(B)FLOURANTHENE	20.32	252	1119227	26.18 PPB		96
79) BENZO(K)FLUORANTHENE	20.38	252	971439	24.49 PPB	m	76
80) BENZO(A)PYRENE - CCC	21.16	252	925731	25.33 PPB		99
81) DIBENZO(A,H)ANTHRACENE	23.99	278	660037	22.31 PPB		99
82) INDENO(1,2,3-CD)PYRENE	23.96	276	782297	22.54 PPB		100
83) BENZO(G,H,I)PERYLENE	24.56	276	645494	22.04 PPB		99

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209bz\04220911.d Vial: 12
Acq On : 22 Apr 109 2:39 pm Operator:
Sample : bna lcs+30+50 - water cc09-1 Inst : SVGCMS2
Misc : 4/21/09 Multiplr: 1.00
Quant Time: Apr 23 10:29 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

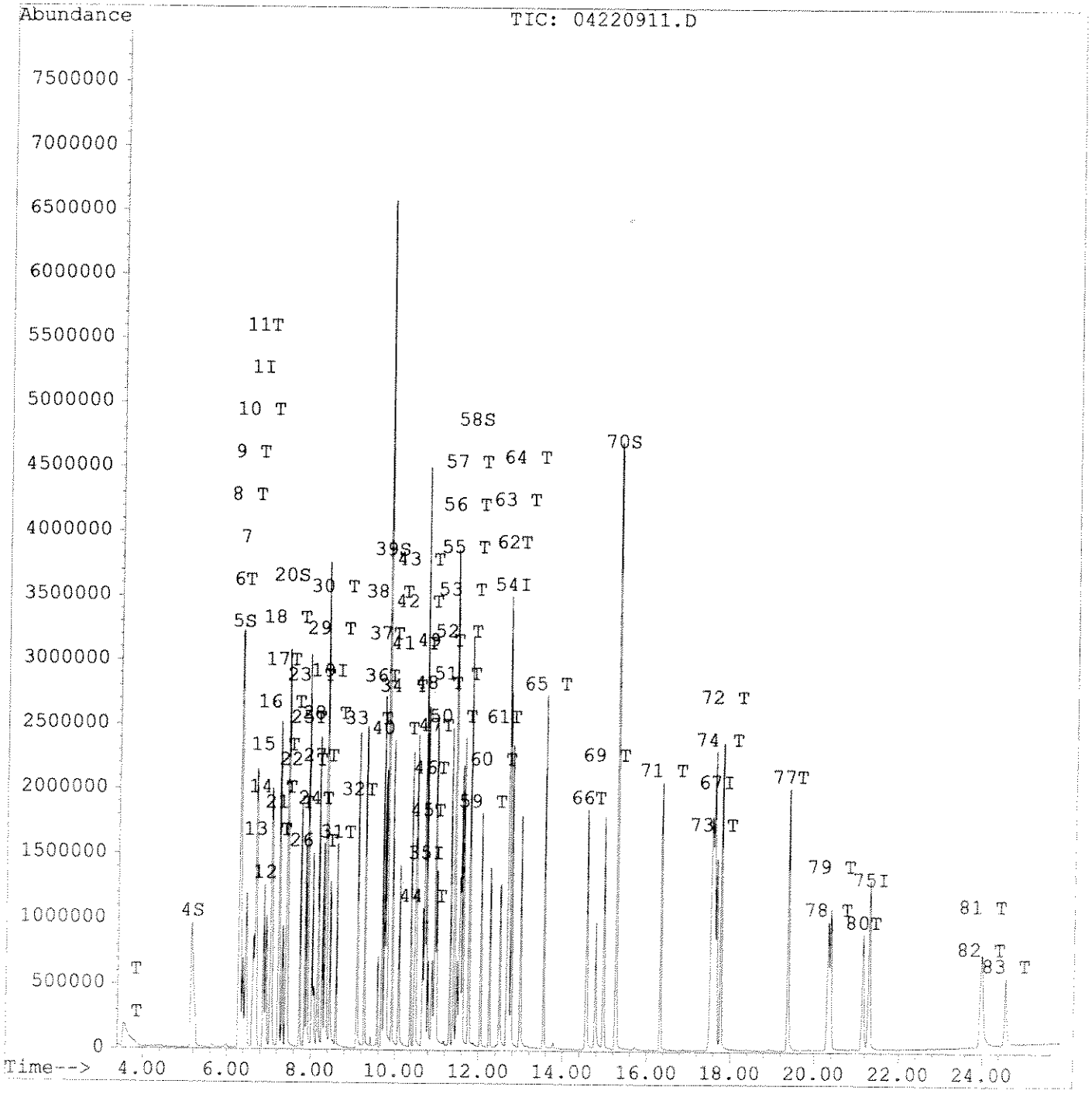
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1239335	40.00	PPB	-0.02
2) NAPHTHALENE-d8 INT. STD.	8.33	136	2672092	40.00	PPB	-0.03
4) ACENAPHTHENE-d10 INT. STD.	10.69	162	1414066	40.00	PPB	-0.03
6) PHENANTHRENE-d10 INT. STD.	12.68	188	2261436	40.00	PPB	-0.03
7) CHRYSENE-d12 INT. STD.	17.61	240	1999975	40.00	PPB	-0.06
10) PERYLENE-d12 INT. STD.	21.31	264	1275620	40.00	PPB	-0.08
System Monitoring Compounds						%Recovery
3) NITROBENZENE-d5 SURR.	7.41	82	1983920	73.90	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.79	172	3775150	79.92	PPB	
9) TERPHENYL-d14 SURR.	15.28	244	3186044	89.29	PPB	
Target Compounds						Qvalue
8) BENZIDINE	14.78	184	920116	28.60	PPB	97
11) 3,3'-DICHLOROBENZIDINE	17.53	252	652311	45.49	PPB	98

(#) = qualifier out of range (m) = manual integration
04220911.d BZ021909.M Thu Apr 23 10:43:23 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220911.D Vial: 12
Acq On : 22 Apr 109 2:39 pm Operator:
Sample : bna lcs+30+50 - water cc09-1 Inst : SVGCMS2
Misc : 4/21/09 Multiplr: 1.00
Quant Time: Apr 22 16:01 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration



Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220912.D Vial: 13
Acq On : 22 Apr 109 3:14 pm Operator:
Sample : bna smp 475.01*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 22 16:05 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.66	150	1048837	40.00 PPB	0.02
19) NAPHTHALENE-d8 INT. STD.	8.32	136	2538377	40.00 PPB	0.02
35) ACENAPHTHENE-d10 INT. STD.	10.69	162	1305259	40.00 PPB	0.02
54) PHENANTHRENE-d10 INT. STD.	12.67	188	1935419	40.00 PPB	0.02
67) CHRYSENE-d12 INT. STD.	17.61	240	1668628	40.00 PPB	0.04
75) PERYLENE-d12 INT. STD.	21.32	264	1076736	40.00 PPB	0.05
System Monitoring Compounds					%Recovery
4) 2-FLUOROPHENOL SURR.	5.15	112	1109302	59.69 PPB	
5) PHENOL-d6 SURR.	6.28	99	959021	41.02 PPB	
20) NITROBENZENE-d5 SURR.	7.41	82	370296	14.19 PPB	
39) 2-FLUOROBIPHENYL SURR.	9.79	172	950077	21.94 PPB	
58) 2,4,6 TRIBROMOPHENOL SURR.	11.77	330	491843	102.97 PPB	
70) TERPHENYL-d14 SURR.	15.26	244	747707	23.84 PPB	
Target Compounds					Qvalue
2) N-NITROSODIMETHYLAMINE	0.00	74		Not Detected	
3) PYRIDINE	0.00	79		Not Detected	
6) PHENOL - CCC	0.00	94		Not Detected	
7) aniline	0.00	93		Not Detected	
8) BIS(2-CHLOROETHYL)ETHER	0.00	93		Not Detected	
9) 2-CHLOROPHENOL	0.00	128		Not Detected	
10) 1,3 DICHLOROBENZENE	0.00	146		Not Detected	
11) 1,4 DICHLOROBENZENE - CCC	0.00	146		Not Detected	
12) benzyl alcohol	6.87	79	37367	1.97 PPB	93
13) 1,2-DICHLOROBENZENE	0.00	146		Not Detected	
14) 2-METHYLPHENOL	0.00	108		Not Detected	
15) BIS(2-CHLOROISOPROPYL)ETHE	0.00	45		Not Detected	
16) 4-METHYLPHENOL	0.00	107		Not Detected	
17) N-NITROSO-DI-N-PROPYLAMINE	0.00	43		Not Detected	
18) HEXACHLOROETHANE	0.00	117		Not Detected	
21) NITROBENZENE	0.00	77		Not Detected	
22) ISOPHORONE	0.00	82		Not Detected	
23) 2,4 DIMETHYLPHENOL	0.00	107		Not Detected	
24) benzoic acid	8.03	105	123220	9.87 PPB	98
25) 2-NITROPHENOL - CCC	0.00	139		Not Detected	
26) BIS(2-CHLOROETHOXY)METHANE	0.00	93		Not Detected	
27) 2,4 DICHLOROPHENOL - CCC	0.00	162		Not Detected	
28) 1,2,4 TRICHLOROBENZENE	0.00	180		Not Detected	
29) NAPHTHALENE	0.00	128		Not Detected	
30) 4-CHLOROANILINE	0.00	127		Not Detected	
31) HEXACHLOROBUTADIENE - CCC	0.00	225		Not Detected	
32) 4-CHLORO-3-METHYLPHENOL -	0.00	107		Not Detected	
33) 2-METHYLNAPHTHALENE	0.00	142		Not Detected	
34) 2-NITROANILINE	0.00	138		Not Detected	
36) HEXACHLOROCYCLOPENTADIENE	0.00	237		Not Detected	
37) 2,4,6-TRICHLOROPHENOL - CC	0.00	196		Not Detected	
38) 2,4,5 TRICHLOROPHENOL	0.00	196		Not Detected	
40) 2-CHLORONAPHTHALENE	0.00	162		Not Detected	
41) DIMETHYLPHTHALATE	0.00	163		Not Detected	
42) 2,6 DINITROTOLUENE	0.00	165		Not Detected	
43) ACENAPHTHYLENE	0.00	152		Not Detected	

Carry over from smp 29138-1+2

(#) = qualifier out of range (m) = manual integration
04220912.D G2041709.M Wed Apr 22 16:05:23 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220912.D Vial: 13
Acq On : 22 Apr 109 3:14 pm Operator:
Sample : bna smp 475.01*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 22 16:05 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
44) 3-NITROANILINE	0.00	65		Not Detected	
45) ACENAPHTHENE - CCC	0.00	153		Not Detected	
46) 2,4-DINITROPHENOL - SPCC	0.00	184		Not Detected	
47) 4-NITROPHENOL - SPCC	0.00	139		Not Detected	
48) DIBENZOFURAN	0.00	168		Not Detected	
49) 2,4 DINITROTOLUENE	0.00	165		Not Detected	
50) DIETHYLPHTHLATE	0.00	149		Not Detected	
51) 4-CHLOROPHENYLPHENYL ETHER	0.00	204		Not Detected	
52) FLUORENE	0.00	166		Not Detected	
53) 4-NITROANILINE	0.00	138		Not Detected	
55) 4,6-DINITRO-2-METHYLPHENOL	0.00	198		Not Detected	
56) N-NITROSODIPHENYLAMINE	0.00	168		Not Detected	
57) 1,2 DIPHENYLHYDRAZINE	0.00	77		Not Detected	
59) 4-BROMOPHENYLPHENYL ETHER	0.00	51		Not Detected	
60) HEXACHLOROBENZENE	0.00	284		Not Detected	
61) PENTACHLOROPHENOL - CCC	0.00	266		Not Detected	
62) PHENANTHRENE	0.00	178		Not Detected	
63) ANTHRACENE	0.00	178		Not Detected	
64) CARBAZOLE	0.00	167		Not Detected	
65) DI-N-BUTYLPHTHALATE	13.55	149	132804	1.59 PPB	92
66) FLUORANTHENE - CCC	0.00	202		Not Detected	
68) BENZIDINE	0.00	184		No Calib #	
69) PYRENE	0.00	202		Not Detected	
71) BUTYLBENZYLPHTHALATE	0.00	149		Not Detected	
72) BIS(2-ETHYLHEXYL)PHTHALATE	17.78	149	528025	10.27 PPB	99 MB-0.32
73) BENZO(A)ANTHRACENE	0.00	228		Not Detected	
74) CHRYSENE	0.00	228		Not Detected	
76) 3,3'-DICHLOROBENZIDINE	0.00	252		No Calib #	
77) DI-N-OCTYL PHTHALATE - CCC	0.00	149		Not Detected	
78) BENZO(B)FLOURANTHENE	0.00	252		Not Detected	
79) BENZO(K)FLUORANTHENE	0.00	252		Not Detected	
80) BENZO(A)PYRENE - CCC	0.00	252		Not Detected	
81) DIBENZO(A,H)ANTHRACENE	0.00	278		Not Detected	
82) INDENO(1,2,3-CD)PYRENE	0.00	276		Not Detected	
83) BENZO(G,H,I)PERYLENE	0.00	276		Not Detected	

(#) = qualifier out of range (m) = manual integration
04220912.D G2041709.M Wed Apr 22 16:05:24 2009

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209bz\04220912.d Vial: 13
Acq On : 22 Apr 109 3:14 pm Operator:
Sample : bna smp 475.01*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 10:29 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

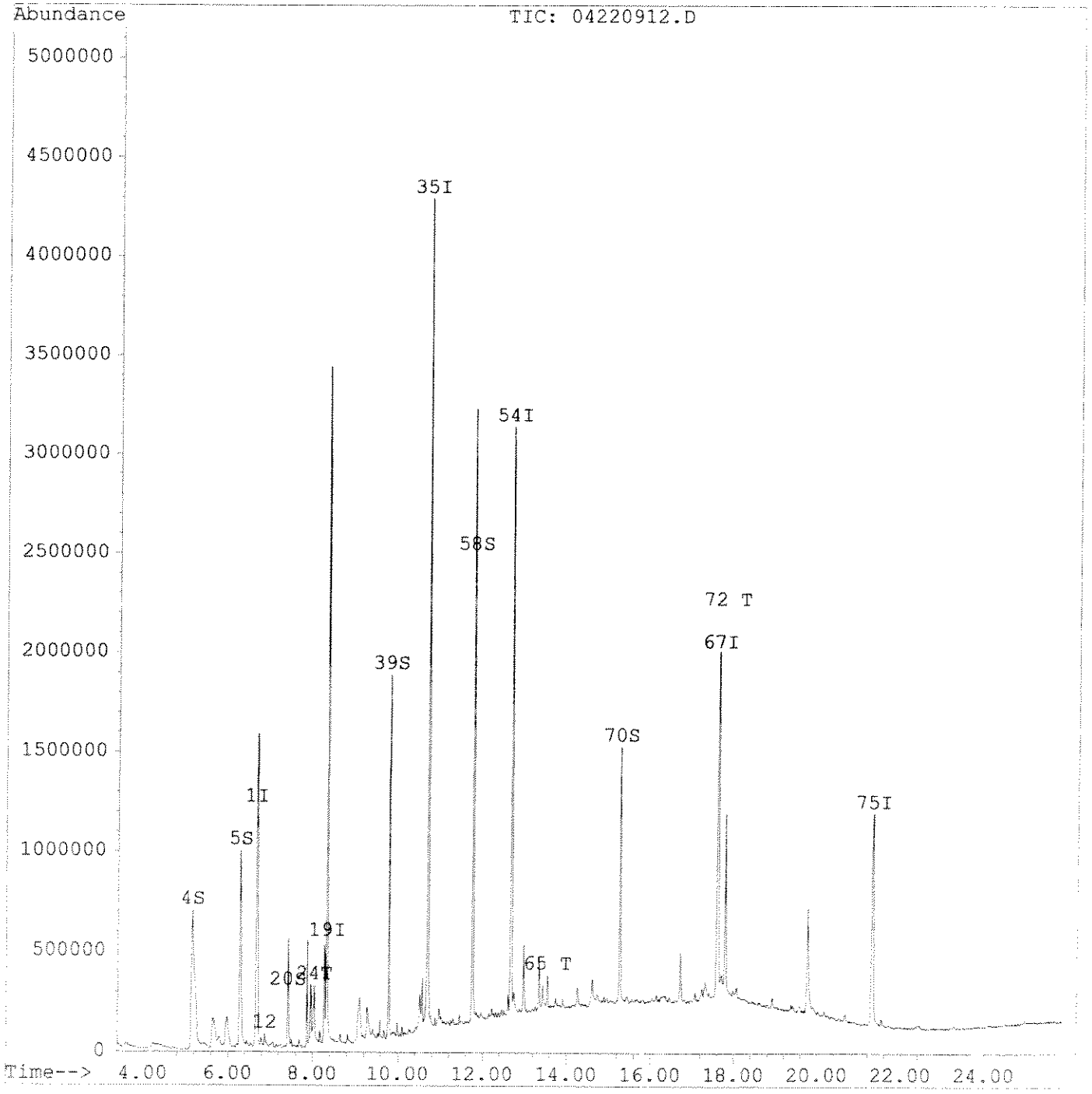
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.66	150	1052688	40.00 PPB	-0.03
2) NAPHTHALENE-d8 INT. STD.	8.32	136	2538377	40.00 PPB	-0.04
4) ACENAPHTHENE-d10 INT. STD.	10.69	162	1302138	40.00 PPB	-0.04
6) PHENANTHRENE-d10 INT. STD.	12.67	188	1935419	40.00 PPB	-0.05
7) CHRYSENE-d12 INT. STD.	17.61	240	1668628	40.00 PPB	-0.06
10) PERYLENE-d12 INT. STD.	21.32	264	1076736	40.00 PPB	-0.07
System Monitoring Compounds					%Recovery
3) NITROBENZENE-d5 SURR.	7.41	82	370296	14.52 PPB	
5) 2-FLUOROBIPHENYL SURR.	9.79	172	950077	21.84 PPB	
9) TERPHENYL-d14 SURR.	15.26	244	747707	25.12 PPB	
Target Compounds					Qvalue
8) BENZIDINE	0.00	184		Not Detected	
11) 3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected	

(#) = qualifier out of range (m) = manual integration
04220912.d BZ021909.M Thu Apr 23 10:43:23 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220912.D Vial: 13
Acq On : 22 Apr 109 3:14 pm Operator:
Sample : bna smp 475.01*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 22 16:05 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration



Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220913.D Vial: 14
Acq On : 22 Apr 109 3:51 pm Operator:
Sample : bna ms475.03+30+50 tcl cc09-1 Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 22 16:23 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1006241	40.00	PPB	0.03
19) NAPHTHALENE-d8 INT. STD.	8.33	136	2465000	40.00	PPB	0.02
35) ACENAPHTHENE-d10 INT. STD.	10.70	162	1358027	40.00	PPB	0.03
54) PHENANTHRENE-d10 INT. STD.	12.68	188	1930634	40.00	PPB	0.03
67) CHRYSENE-d12 INT. STD.	17.61	240	1682557	40.00	PPB	0.04
75) PERYLENE-d12 INT. STD.	21.32	264	1083981	40.00	PPB	0.05
System Monitoring Compounds						%Recovery
4) 2-FLUOROPHENOL SURR.	5.15	112	1010162	56.66	PPB	
5) PHENOL-d6 SURR.	6.28	99	910659	40.60	PPB	
20) NITROBENZENE-d5 SURR.	7.42	82	331822	13.10	PPB	
39) 2-FLUOROBIPHENYL SURR.	9.79	172	1005494	22.32	PPB	
58) 2,4,6 TRIBROMOPHENOL SURR.	11.77	330	493851	103.64	PPB	
70) TERPHENYL-d14 SURR.	15.26	244	1007039	31.84	PPB	
Target Compounds						Qvalue
2) N-NITROSODIMETHYLAMINE	3.57	74	106595	9.46	PPB	# 73
3) PYRIDINE	3.60	79	12393	0.58	PPB	m 66
6) PHENOL - CCC	6.29	94	525971	20.02	PPB	# 58
7) aniline	6.30	93	19066	0.96	PPB	# 1
8) BIS(2-CHLOROETHYL)ETHER	6.38	93	95759	4.03	PPB	90
9) 2-CHLOROPHENOL	6.45	128	903824	46.17	PPB	99
10) 1,3 DICHLOROBENZENE	6.62	146	87639	4.18	PPB	90
11) 1,4 DICHLOROBENZENE - CCC	6.69	146	88773	4.13	PPB	96
12) benzyl alcohol	6.87	79	331666	18.27	PPB	99
13) 1,2-DICHLOROBENZENE	6.94	146	91081	4.36	PPB	98
14) 2-METHYLPHENOL	7.04	108	820268	46.47	PPB	91
15) BIS(2-CHLOROISOPROPYL)ETHE	7.07	45	155758	5.34	PPB	95
16) 4-METHYLPHENOL	7.23	107	982643	44.62	PPB	99
17) N-NITROSO-DI-N-PROPYLAMINE	7.24	43	72731	5.62	PPB	91
18) HEXACHLOROETHANE	7.32	117	47858	4.45	PPB	94
21) NITROBENZENE	7.43	77	107442	3.96	PPB	97
22) ISOPHORONE	7.73	82	262548	4.75	PPB	98
23) 2,4 DIMETHYLPHENOL	7.91	107	1188548	63.70	PPB	97
24) benzoic acid	8.07	105	424679	35.03	PPB	97
25) 2-NITROPHENOL - CCC	7.85	139	555999	41.15	PPB	90
26) BIS(2-CHLOROETHOXY)METHANE	8.02	93	135938	4.60	PPB	97
27) 2,4 DICHLOROPHENOL - CCC	8.16	162	889249	48.00	PPB	98
28) 1,2,4 TRICHLOROBENZENE	8.28	180	95813	5.08	PPB	99
29) NAPHTHALENE	8.35	128	354056	5.54	PPB	97
30) 4-CHLOROANILINE	8.46	127	20772	1.01	PPB	91
31) HEXACHLOROBUTADIENE - CCC	8.60	225	50132	4.81	PPB	98
32) 4-CHLORO-3-METHYLPHENOL -	9.10	107	1012282	49.67	PPB	99
33) 2-METHYLNAPHTHALENE	9.28	142	350285	8.59	PPB	99
34) 2-NITROANILINE	10.10	138	93885	6.28	PPB	99
36) HEXACHLOROCYCLOPENTADIENE	9.58	237	29829	3.59	PPB	98
37) 2,4,6-TRICHLOROPHENOL - CC	9.69	196	545772	46.13	PPB	98
38) 2,4,5 TRICHLOROPHENOL	9.74	196	614922	50.47	PPB	98
40) 2-CHLORONAPHTHALENE	9.93	162	274641	6.72	PPB	99
41) DIMETHYLPHTHALATE	10.36	163	259740	5.08	PPB	99
42) 2,6 DINITROTOLUENE	10.46	165	70369	5.91	PPB	90
43) ACENAPHTHYLENE	10.49	152	460590	7.14	PPB	97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220913.D Vial: 14
Acq On : 22 Apr 109 3:51 pm Operator:
Sample : bna ms475.03+30+50 tcl cc09-1 Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 22 16:23 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
44) 3-NITROANILINE	10.65	65	52138	5.02 PPB	#	82
45) ACENAPHTHENE - CCC	10.73	153	282428	7.29 PPB		99
46) 2,4-DINITROPHENOL - SPCC	10.79	184	266463	47.56 PPB		92
47) 4-NITROPHENOL - SPCC	10.91	139	116323	15.33 PPB	m	5
48) DIBENZOFURAN	10.94	168	516163	8.69 PPB	#	59
49) 2,4 DINITROTOLUENE	10.99	165	88664	5.61 PPB		85
50) DIETHYLPHTHLATE	11.31	149	364191	6.76 PPB		99
51) 4-CHLOROPHENYLPHENYL ETHER	11.39	204	151449	7.47 PPB		99
52) FLUORENE	11.40	166	342925	7.38 PPB		99
53) 4-NITROANILINE	11.49	138	72256	11.17 PPB	#	82
55) 4,6-DINITRO-2-METHYLPHENOL	11.53	198	401041	57.29 PPB	#	99
56) N-NITROSODIPHENYLAMINE	11.56	168	210495	10.71 PPB	#	76
57) 1,2 DIPHENYLHYDRAZINE	11.61	77	443071	7.32 PPB		88
59) 4-BROMOPHENYLPHENYL ETHER	12.05	51	45176	9.51 PPB		89
60) HEXACHLOROBENZENE	12.26	284	80608	8.40 PPB		94
61) PENTACHLOROPHENOL - CCC	12.50	266	339617	57.47 PPB		99
62) PHENANTHRENE	12.70	178	487653	8.72 PPB		98
63) ANTHRACENE	12.77	178	495490	8.86 PPB		100
64) CARBAZOLE	12.99	167	408264	8.01 PPB		98
65) DI-N-BUTYLPHTHALATE	13.54	149	904141	10.85 PPB		99
66) FLUORANTHENE - CCC	14.57	202	462884	8.70 PPB		99
68) BENZIDINE	0.00	184		Not Detected		
69) PYRENE	14.98	202	470374	9.16 PPB		98
71) BUTYLBENZYLPHTHALATE	16.34	149	339079	9.37 PPB		96
72) BIS(2-ETHYLHEXYL)PHTHALATE	17.78	149	978177	18.88 PPB		99
73) BENZO(A)ANTHRACENE	17.57	228	372646	8.87 PPB		99
74) CHRYSENE	17.67	228	362800	9.01 PPB		99
76) 3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected		
77) DI-N-OCTYL PHTHALATE - CCC	19.38	149	1003481	12.00 PPB		93
78) BENZO(B)FLOURANTHENE	20.33	252	333944	9.19 PPB		93
79) BENZO(K)FLUORANTHENE	20.39	252	288651	8.56 PPB	m	75
80) BENZO(A)PYRENE - CCC	21.16	252	270527	8.71 PPB		97
81) DIBENZO(A,H)ANTHRACENE	23.99	278	197886	7.87 PPB		95
82) INDENO(1,2,3-CD)PYRENE	23.96	276	229241	7.77 PPB		99
83) BENZO(G,H,I)PERYLENE	24.57	276	187839	7.55 PPB		98

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209bz\04220913.d Vial: 14
Acq On : 22 Apr 109 3:51 pm Operator:
Sample : bna ms475.03+30+50 tcl cc09-1 Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 10:29 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

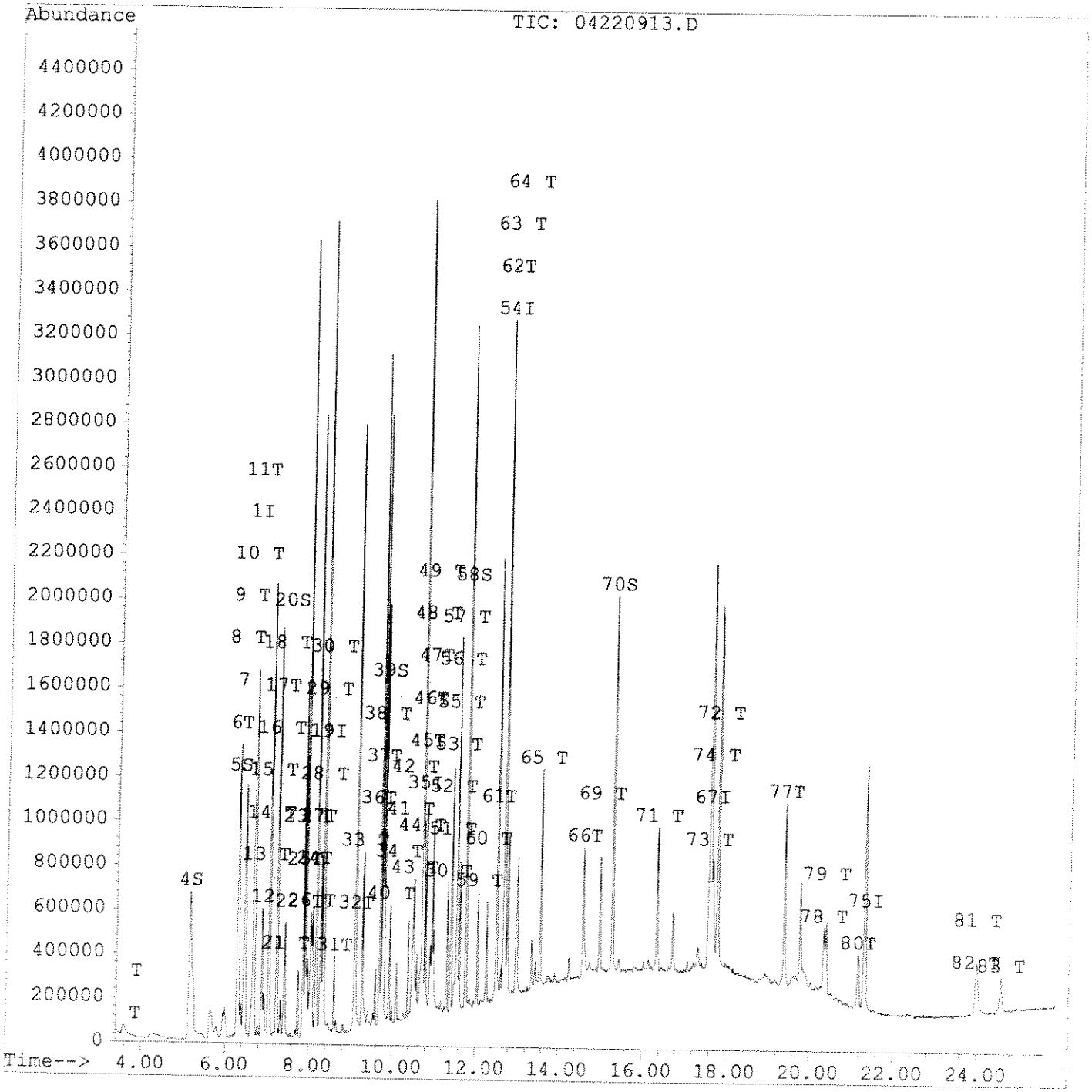
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1010876	40.00	PPB	-0.03
2) NAPHTHALENE-d8 INT. STD.	8.33	136	2460226	40.00	PPB	-0.03
4) ACENAPHTHENE-d10 INT. STD.	10.70	162	1354534	40.00	PPB	-0.03
6) PHENANTHRENE-d10 INT. STD.	12.68	188	1930634	40.00	PPB	-0.03
7) CHRYSENE-d12 INT. STD.	17.61	240	1682557	40.00	PPB	-0.06
10) PERYLENE-d12 INT. STD.	21.32	264	1083981	40.00	PPB	-0.07
System Monitoring Compounds						%Recovery
3) NITROBENZENE-d5 SURR.	7.42	82	331822	13.42	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.79	172	1005494	22.22	PPB	
9) TERPHENYL-d14 SURR.	15.26	244	1007039	33.55	PPB	
Target Compounds						Qvalue
8) BENZIDINE	0.00	184		Not Detected		
11) 3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected		

(#) = qualifier out of range (m) = manual integration
04220913.d BZ021909.M Thu Apr 23 10:43:24 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220913.D Vial: 14
Acq On : 22 Apr 109 3:51 pm Operator:
Sample : bna ms475.03+30+50 tcl cc09-1 Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 22 16:23 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209\04220914.d Vial: 15
Acq On : 22 Apr 109 4:26 pm Operator:
Sample : bna msd475.05+30+50 tcl cc09-1 Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 9:38 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	962003	40.00	PPB	0.03
19) NAPHTHALENE-d8 INT. STD.	8.33	136	2299688	40.00	PPB	0.03
35) ACENAPHTHENE-d10 INT. STD.	10.69	162	1175694	40.00	PPB	0.02
54) PHENANTHRENE-d10 INT. STD.	12.68	188	1777150	40.00	PPB	0.02
67) CHRYSENE-d12 INT. STD.	17.60	240	1514390	40.00	PPB	0.03
75) PERYLENE-d12 INT. STD.	21.32	264	994868	40.00	PPB	0.05
System Monitoring Compounds						%Recovery
4) 2-FLUOROPHENOL SURR.	5.16	112	895688	52.55	PPB	
5) PHENOL-d6 SURR.	6.29	99	794469	37.04	PPB	
20) NITROBENZENE-d5 SURR.	7.41	82	1066674	45.13	PPB	
39) 2-FLUOROBIPHENYL SURR.	9.79	172	1874871	48.07	PPB	
58) 2,4,6 TRIBROMOPHENOL SURR.	11.76	330	433856	98.92	PPB	
70) TERPHENYL-d14 SURR.	15.27	244	1713352	60.19	PPB	
Target Compounds						Qvalue
2) N-NITROSODIMETHYLAMINE	3.57	74	130646	12.13	PPB	m 63
3) PYRIDINE	3.58	79	86806	4.21	PPB	m 78
6) PHENOL - CCC	6.30	94	453454	18.05	PPB	# 74
7) aniline	6.31	93	192734	10.14	PPB	# 53
8) BIS(2-CHLOROETHYL)ETHER	6.38	93	354186	15.59	PPB	99
9) 2-CHLOROPHENOL	6.45	128	709495	37.91	PPB	99
10) 1,3 DICHLOROBENZENE	6.63	146	208819	10.43	PPB	96
11) 1,4 DICHLOROBENZENE - CCC	6.68	146	230402	11.22	PPB	96
12) benzyl alcohol	6.87	79	410523	23.65	PPB	99
13) 1,2-DICHLOROBENZENE	6.93	146	220150	11.03	PPB	99
14) 2-METHYLPHENOL	7.05	108	677552	40.15	PPB	95
15) BIS(2-CHLOROISOPROPYL)ETHE	7.07	45	447083	16.04	PPB	99
16) 4-METHYLPHENOL	7.22	107	767428	36.45	PPB	99
17) N-NITROSO-DI-N-PROPYLAMINE	7.25	43	208677	16.86	PPB	97
18) HEXACHLOROETHANE	7.33	117	105491	10.27	PPB	98
21) NITROBENZENE	7.43	77	341164	13.49	PPB	100
22) ISOPHORONE	7.74	82	798508	15.49	PPB	99
23) 2,4 DIMETHYLPHENOL	7.91	107	933081	53.61	PPB	96
24) benzoic acid	8.06	105	332902	29.43	PPB	98
25) 2-NITROPHENOL - CCC	7.86	139	450208	35.72	PPB	89
26) BIS(2-CHLOROETHOXY)METHANE	8.03	93	424330	15.38	PPB	99
27) 2,4 DICHLOROPHENOL - CCC	8.17	162	693151	40.10	PPB	99
28) 1,2,4 TRICHLOROBENZENE	8.28	180	213637	12.15	PPB	99
29) NAPHTHALENE	8.36	128	794428	13.33	PPB	99
30) 4-CHLOROANILINE	8.45	127	278359	14.48	PPB	97
31) HEXACHLOROBUTADIENE - CCC	8.61	225	106607	10.95	PPB	97
32) 4-CHLORO-3-METHYLPHENOL -	9.09	107	802765	42.22	PPB	98
33) 2-METHYLNAPHTHALENE	9.27	142	702253	18.47	PPB	99
34) 2-NITROANILINE	10.09	138	282378	20.26	PPB	98
36) HEXACHLOROCYCLOPENTADIENE	9.59	237	69811	9.70	PPB	99
37) 2,4,6-TRICHLOROPHENOL - CC	9.69	196	448863	43.82	PPB	98
38) 2,4,5 TRICHLOROPHENOL	9.75	196	496319	47.05	PPB	97
40) 2-CHLORONAPHTHALENE	9.93	162	572325	16.19	PPB	100
41) DIMETHYLPHTHALATE	10.37	163	700332	15.82	PPB	100
42) 2,6 DINITROTOLUENE	10.47	165	193389	18.75	PPB	99
43) ACENAPHTHYLENE	10.49	152	985627	17.66	PPB	98

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209\04220914.d Vial: 15
Acq On : 22 Apr 109 4:26 pm Operator:
Sample : bna msd475.05+30+50 tcl cc09-1 Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 9:38 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
44)	3-NITROANILINE	10.66	65	175886	19.54 PPB		98
45)	ACENAPHTHENE - CCC	10.74	153	580682	17.32 PPB		98
46)	2,4-DINITROPHENOL - SPCC	10.79	184	217973	44.94 PPB		97
47)	4-NITROPHENOL - SPCC	10.91	139	90090	13.72 PPB	m	5
48)	DIBENZOFURAN	10.95	168	1076798	20.95 PPB		83
49)	2,4 DINITROTOLUENE	10.99	165	247348	18.08 PPB		90
50)	DIETHYLPHTHLATE	11.30	149	785589	16.85 PPB		99
51)	4-CHLOROPHENYLPHENYL ETHER	11.40	204	314300	17.92 PPB		99
52)	FLUORENE	11.41	166	758326	18.86 PPB		99
53)	4-NITROANILINE	11.49	138	148695	26.56 PPB		92
55)	4,6-DINITRO-2-METHYLPHENOL	11.54	198	313540	48.66 PPB	#	95
56)	N-NITROSODIPHENYLAMINE	11.56	168	351044	19.41 PPB	#	97
57)	1,2 DIPHENYLHYDRAZINE	11.61	77	950984	17.07 PPB		87
59)	4-BROMOPHENYLPHENYL ETHER	12.05	51	89199	20.40 PPB		95
60)	HEXACHLOROBENZENE	12.26	284	161464	18.29 PPB		98
61)	PENTACHLOROPHENOL - CCC	12.51	266	265453	48.80 PPB		98
62)	PHENANTHRENE	12.71	178	968795	18.82 PPB		99
63)	ANTHRACENE	12.77	178	991988	19.28 PPB		99
64)	CARBAZOLE	12.99	167	922029	19.66 PPB		99
65)	DI-N-BUTYLPHTHALATE	13.55	149	1614827	21.06 PPB		99
66)	FLUORANTHENE - CCC	14.57	202	904344	18.47 PPB		99
68)	BENZIDINE	0.00	184		Not Detected		
69)	PYRENE	14.98	202	932693	20.19 PPB		99
71)	BUTYLBENZYLPHTHALATE	16.34	149	678302	20.82 PPB		98
72)	BIS(2-ETHYLHEXYL)PHTHALATE	17.79	149	1310924	28.11 PPB		100
73)	BENZO(A)ANTHRACENE	17.56	228	712402	18.84 PPB		99
74)	CHRYSENE	17.66	228	688991	19.01 PPB		100
76)	3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected		
77)	DI-N-OCTYL PHTHALATE - CCC	19.38	149	1694145	22.07 PPB		97
78)	BENZO(B)FLOURANTHENE	20.33	252	661782	19.85 PPB		97
79)	BENZO(K)FLUORANTHENE	20.39	252	641125	20.73 PPB	m	75
80)	BENZO(A)PYRENE - CCC	21.16	252	532715	18.69 PPB		99
81)	DIBENZO(A,H)ANTHRACENE	24.00	278	393738	17.06 PPB		99
82)	INDENO(1,2,3-CD)PYRENE	23.96	276	454333	16.79 PPB		100
83)	BENZO(G,H,I)PERYLENE	24.56	276	376153	16.47 PPB		99

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209bz\04220914.d Vial: 15
Acq On : 22 Apr 109 4:26 pm Operator:
Sample : bna msd475.05+30+50 tcl cc09-1 Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 10:29 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

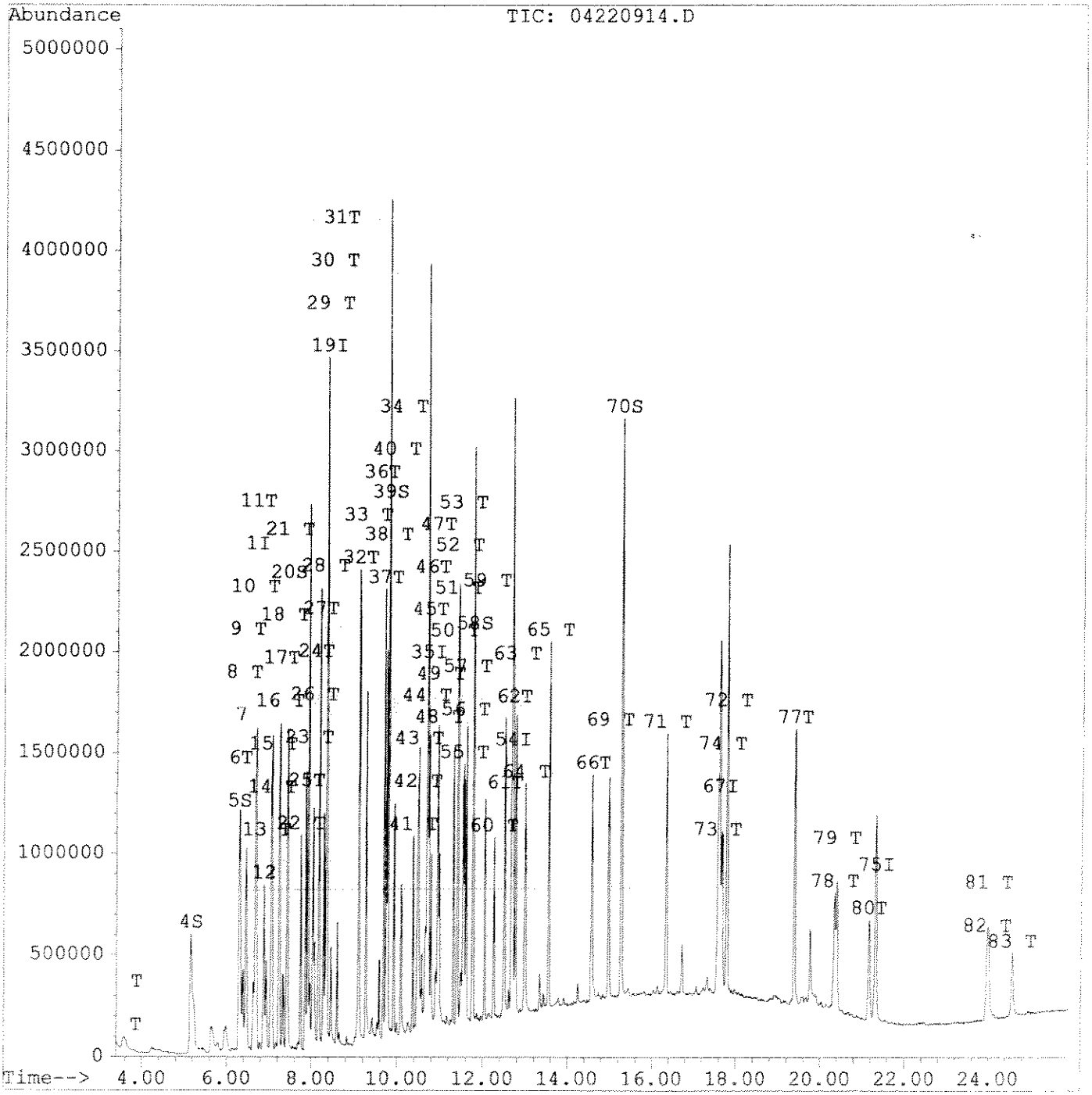
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	967298	40.00	PPB	-0.02
2) NAPHTHALENE-d8 INT. STD.	8.33	136	2295971	40.00	PPB	-0.03
4) ACENAPHTHENE-d10 INT. STD.	10.69	162	1175694	40.00	PPB	-0.03
6) PHENANTHRENE-d10 INT. STD.	12.68	188	1777150	40.00	PPB	-0.04
7) CHRYSENE-d12 INT. STD.	17.60	240	1514390	40.00	PPB	-0.06
10) PERYLENE-d12 INT. STD.	21.32	264	994868	40.00	PPB	-0.07
System Monitoring Compounds						%Recovery
3) NITROBENZENE-d5 SURR.	7.41	82	1066674	46.24	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.79	172	1874871	47.74	PPB	
9) TERPHENYL-d14 SURR.	15.27	244	1713352	63.42	PPB	
Target Compounds						Qvalue
8) BENZIDINE	0.00	184		Not Detected		
11) 3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected		

(#) = qualifier out of range (m) = manual integration
04220914.d BZ021909.M Thu Apr 23 10:43:24 2009

Quantitation Report

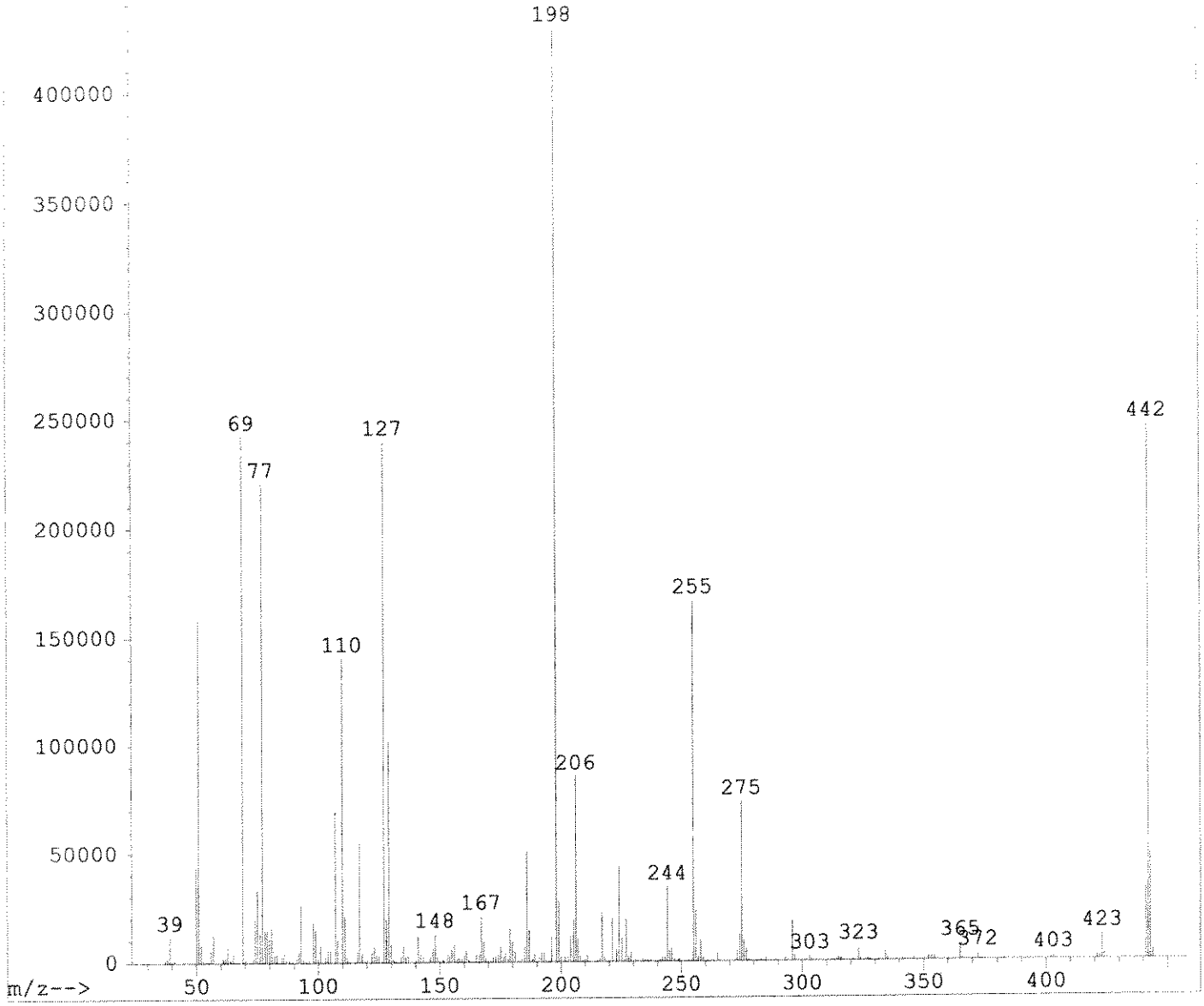
Data File : c:\hpchem\1\data\apr09\042209\04220914.d Vial: 15
Acq On : 22 Apr 109 4:26 pm Operator:
Sample : bna msd475.05+30+50 tcl cc09-1 Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 9:38 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration



C:\HPCHEM\1\DATA\APR09\042209\04220920.D Wed Apr 22 20:14:06 2009

Abundance Average of 11.617 to 11.636 min.: 04220920.D (-)



Peak Apex is scan: 268

Average of 3 scans: 267,268,269 minus background scan 263

Target Mass	Comparison Mass	Lower Limit,%	Upper Limit,%	Relative Abundance,%	Result Pass/Fail
51	198	30	60	36.8	PASS
68	69	0	2	0.0	PASS
69	198	0	100	56.6	PASS
70	69	0	2	0.6	PASS
127	198	40	60	56.0	PASS
197	198	0	1	0.0	PASS
198	198	100	100	100.0	PASS
199	198	5	9	6.5	PASS
275	198	10	30	17.1	PASS
365	198	1	100	1.7	PASS
441	443	0	100	69.5	PASS
442	198	40	100	57.3	PASS
443	442	17	23	19.5	PASS

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220921.D Vial: 21
Acq On : 22 Apr 109 8:22 pm Operator:
Sample : bz std 30 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	I	1,4-DICHLOROBENZENE-d4 INT.	1.000	1.000	0.0	84	-0.02
2	I	NAPHTHALENE-d8 INT. STD.	1.000	1.000	0.0	87	-0.02
3	S	NITROBENZENE-d5 SURR.	0.402	0.360	10.3	78	-0.02
4	I	ACENAPHTHENE-d10 INT. STD.	1.000	1.000	0.0	87	-0.02
5	S	2-FLUOROBIPHENYL SURR.	1.336	1.190	10.9	80	-0.03
6	I	PHENANTHRENE-d10 INT. STD.	1.000	1.000	0.0	78	-0.04
7	I	CHRYSENE-d12 INT. STD.	1.000	1.000	0.0	74	-0.05
8	T	BENZIDINE	0.643	0.589	8.5	70	-0.03
9	S	TERPHENYL-d14 SURR.	0.714	0.689	3.4	71	-0.05
10	I	PERYLENE-d12 INT. STD.	1.000	1.000	0.0	64	-0.06
11	T	3,3'-DICHLOROBENZIDINE	0.450	0.519	-15.5	74	-0.05

(#) = Out of Range SPCC's out = 0 CCC's out = 0
02190907.D BZ021909.M Thu Apr 23 09:47:33 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220921.D Vial: 21
Acq On : 22 Apr 109 8:22 pm Operator:
Sample : bz std 30 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 20:48 19109

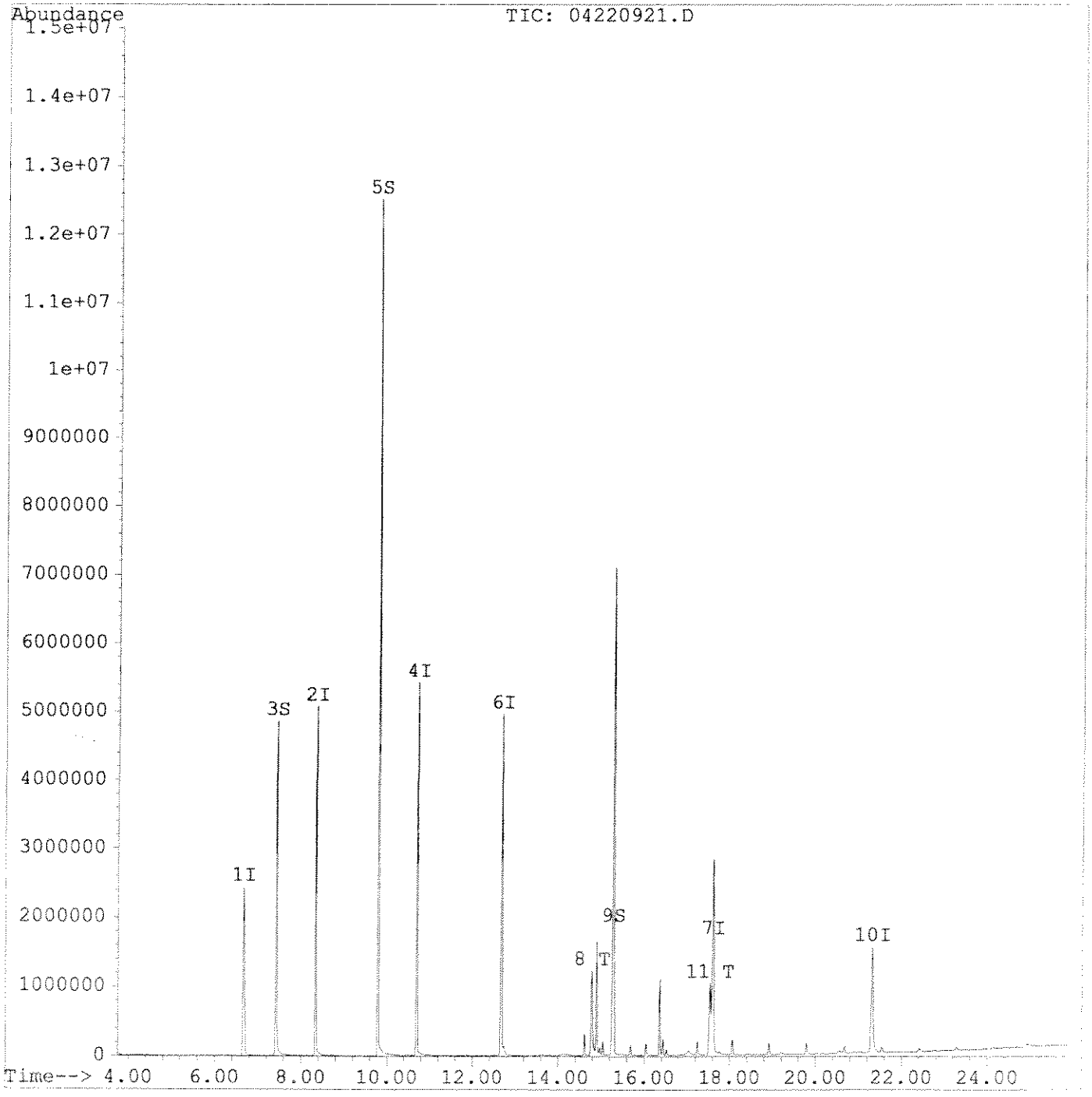
Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1524036	40.00	PPB	-0.02
2) NAPHTHALENE-d8 INT. STD.	8.34	136	3869788	40.00	PPB	-0.02
4) ACENAPHTHENE-d10 INT. STD.	10.70	162	2063356	40.00	PPB	-0.02
6) PHENANTHRENE-d10 INT. STD.	12.68	188	3031450	40.00	PPB	-0.04
7) CHRYSENE-d12 INT. STD.	17.62	240	2689504	40.00	PPB	-0.05
10) PERYLENE-d12 INT. STD.	21.32	264	1615926	40.00	PPB	-0.06
System Monitoring Compounds						%Recovery
3) NITROBENZENE-d5 SURR.	7.42	82	3487202	89.69	PPB	
5) 2-FLUOROBIPHENYL SURR.	9.79	172	6138656	89.06	PPB	
9) TERPHENYL-d14 SURR.	15.28	244	4634650	96.59	PPB	
Target Compounds						Qvalue
8) BENZIDINE	14.79	184	1187511	27.45	PPB	96
11) 3,3'-DICHLOROBENZIDINE	17.54	252	629272	34.64	PPB	96

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220921.D Vial: 21
Acq On : 22 Apr 109 8:22 pm Operator:
Sample : bz std 30 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 22 20:48 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration



Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220922.D Vial: 22
Acq On : 22 Apr 109 8:57 pm Operator:
Sample : bna std 40 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	I	1,4-DICHLOROBENZENE-d4 INT.	1.000	1.000	0.0	93	0.04
2	T	N-NITROSODIMETHYLAMINE	0.448	0.420	6.2	92	0.01
3	T	PYRIDINE	0.857	0.789	7.8	92	0.02
4	S	2-FLUOROPHENOL SURR.	0.709	0.700	1.3	94	0.03
5	S	PHENOL-d6 SURR.	0.892	0.879	1.4	95	0.04
6	T	PHENOL - CCC	1.044	0.977	6.5	91	0.02
7		aniline	0.790	0.730	7.6	105	0.04
8	T	BIS(2-CHLOROETHYL)ETHER	0.944	0.947	-0.3	99	0.03
9	T	2-CHLOROPHENOL	0.778	0.737	5.3	90	0.04
10	T	1,3 DICHLOROBENZENE	0.833	0.780	6.4	89	0.04
11	T	1,4 DICHLOROBENZENE - CCC	0.854	0.805	5.8	93	0.03
12		benzyl alcohol	0.722	0.688	4.7	94	0.04
13	T	1,2-DICHLOROBENZENE	0.830	0.791	4.6	91	0.04
14	T	2-METHYLPHENOL	0.702	0.700	0.2	95	0.04
15	T	BIS(2-CHLOROISOPROPYL)ETHER	1.159	1.109	4.3	93	0.04
16	T	4-METHYLPHENOL	0.875	0.844	3.6	93	0.02
17	T	N-NITROSO-DI-N-PROPYLAMINE	0.515	0.482	6.4	92	0.02
18	T	HEXACHLOROETHANE	0.427	0.415	2.7	95	0.03
19	I	NAPHTHALENE-d8 INT. STD.	1.000	1.000	0.0	91	0.03
20	S	NITROBENZENE-d5 SURR.	0.411	0.410	0.2	94	0.02
21	T	NITROBENZENE	0.440	0.402	8.5	93	0.02
22	T	ISOPHORONE	0.897	0.889	0.8	96	0.03
23	T	2,4 DIMETHYLPHENOL	0.303	0.299	1.3	95	0.03
24	T	benzoic acid	0.197	0.165	16.1	80	0.02
25	T	2-NITROPHENOL - CCC	0.219	0.200	8.9	88	0.03
26	T	BIS(2-CHLOROETHOXY)METHANE	0.480	0.469	2.3	90	0.03
27	T	2,4 DICHLOROPHENOL - CCC	0.301	0.280	6.8	87	0.02
28	T	1,2,4 TRICHLOROBENZENE	0.306	0.299	2.1	94	0.03
29	T	NAPHTHALENE	1.037	0.985	5.0	91	0.03
30	T	4-CHLOROANILINE	0.334	0.318	4.8	98	0.04
31	T	HEXACHLOROBUTADIENE - CCC	0.169	0.156	7.9	88	0.02
32	T	4-CHLORO-3-METHYLPHENOL - C	0.331	0.320	3.2	90	0.03
33	T	2-METHYLNAPHTHALENE	0.661	0.632	4.5	93	0.03
34	T	2-NITROANILINE	0.242	0.240	0.8	90	0.03
35	I	ACENAPHTHENE-d10 INT. STD.	1.000	1.000	0.0	92	0.03
36	T	HEXACHLOROCYCLOPENTADIENE -	0.245	0.207	15.6	77	0.03
37	T	2,4,6-TRICHLOROPHENOL - CCC	0.349	0.332	4.6	92	0.03
38	T	2,4,5 TRICHLOROPHENOL	0.359	0.352	1.8	89	0.02
39	S	2-FLUOROBIPHENYL SURR.	1.327	1.351	-1.8	94	0.02
40	T	2-CHLORONAPHTHALENE	1.203	1.133	5.8	91	0.03
41	T	DIMETHYLPHTHALATE	1.507	1.449	3.8	91	0.04
42	T	2,6 DINITROTOLUENE	0.351	0.349	0.5	93	0.04
43	T	ACENAPHTHYLENE	1.899	1.861	2.0	93	0.04
44	T	3-NITROANILINE	0.306	0.321	-4.9	92	0.04
45	T	ACENAPHTHENE - CCC	1.141	1.116	2.2	92	0.04
46	T	2,4-DINITROPHENOL - SPCC	0.165	0.105	36.1#	61	0.03
47	T	4-NITROPHENOL - SPCC	0.223	0.203	9.0	86	0.03
48	T	DIBENZOFURAN	1.749	1.698	2.9	94	0.03
49	T	2,4 DINITROTOLUENE	0.466	0.472	-1.4	92	0.03
50	T	DIETHYLPHTHLATE	1.586	1.522	4.0	88	0.03
51	T	4-CHLOROPHENYLPHENYL ETHER	0.597	0.562	5.8	90	0.03
52	T	FLUORENE	1.368	1.359	0.7	95	0.03

53	T	4-NITROANILINE	0.190	0.185	3.1	92	0.04
54	I	PHENANTHRENE-d10 INT. STD.	1.000	1.000	0.0	91	0.03
55	T	4,6-DINITRO-2-METHYLPHENOL	0.145	0.119	18.2	75	0.03
56	T	N-NITROSODIPHENYLAMINE	0.407	0.399	2.0	91	0.03
57	T	1,2 DIPHENYLHYDRAZINE	1.254	1.240	1.1	88	0.03
58	S	2,4,6 TRIBROMOPHENOL SURR.	0.099	0.099	-0.2	91	0.03
59	T	4-BROMOPHENYLPHENYL ETHER	0.098	0.096	2.8	90	0.03
60	T	HEXACHLOROBENZENE	0.199	0.192	3.4	90	0.04
61	T	PENTACHLOROPHENOL - CCC	0.122	0.104	15.0	78	0.03
62	T	PHENANTHRENE	1.159	1.133	2.2	91	0.04
63	T	ANTHRACENE	1.158	1.147	1.0	96	0.04
64	T	CARBAZOLE	1.056	0.997	5.5	86	0.04
65	T	DI-N-BUTYLPHTHALATE	1.726	1.706	1.2	93	0.04
66	T	FLUORANTHENE - CCC	1.102	1.095	0.7	94	0.04
67	I	CHRYSENE-d12 INT. STD.	1.000	1.000	0.0	92	0.05
69	T	PYRENE	1.220	1.205	1.2	97	0.05
70	S	TERPHENYL-d14 SURR.	0.752	0.756	-0.5	95	0.03
71	T	BUTYLBENZYLPHTHALATE	0.860	0.828	3.7	93	0.05
72	T	BIS(2-ETHYLHEXYL)PHTHALATE	1.232	1.131	8.2	90	0.06
73	T	BENZO(A)ANTHRACENE	0.999	0.952	4.7	94	0.06
74	T	CHRYSENE	0.957	0.927	3.2	95	0.06
75	I	PERYLENE-d12 INT. STD.	1.000	1.000	0.0	99	0.05
77	T	DI-N-OCTYL PHTHALATE - CCC	3.086	3.023	2.1	95	0.07
78	T	BENZO(B)FLOURANTHENE	1.341	1.221	8.9	86	0.08
79	T	BENZO(K)FLUORANTHENE	1.244	1.234	0.8	99	0.06
80	T	BENZO(A)PYRENE - CCC	1.146	1.052	8.3	91	0.07
81	T	DIBENZO(A,H)ANTHRACENE	0.928	0.749	19.3	76	0.08
82	T	INDENO(1,2,3-CD)PYRENE	1.088	0.885	18.6	77	0.08
83	T	BENZO(G,H,I)PERYLENE	0.918	0.719	21.7#	75	0.08

(#) = Out of Range SPCC's out = 0 CCC's out = 0

04170910.D G2041709.M Thu Apr 23 09:49:22 2009

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220922.D Vial: 22
Acq On : 22 Apr 109 8:57 pm Operator:
Sample : bna std 40 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 23 9:49 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.68	150	1480865	40.00	PPB	0.04
19) NAPHTHALENE-d8 INT. STD.	8.34	136	3154796	40.00	PPB	0.03
35) ACENAPHTHENE-d10 INT. STD.	10.70	162	1666596	40.00	PPB	0.03
54) PHENANTHRENE-d10 INT. STD.	12.68	188	2621532	40.00	PPB	0.03
67) CHRYSENE-d12 INT. STD.	17.62	240	2310736	40.00	PPB	0.05
75) PERYLENE-d12 INT. STD.	21.32	264	1565373	40.00	PPB	0.05
System Monitoring Compounds						%Recovery
4) 2-FLUOROPHENOL SURR.	5.15	112	2590777	98.74	PPB	
5) PHENOL-d6 SURR.	6.29	99	3255856	98.62	PPB	
20) NITROBENZENE-d5 SURR.	7.42	82	3237186	99.83	PPB	
39) 2-FLUOROBIPHENYL SURR.	9.79	172	5629924	101.82	PPB	
58) 2,4,6 TRIBROMOPHENOL SURR.	11.77	330	648108	100.17	PPB	
70) TERPHENYL-d14 SURR.	15.28	244	4364407	100.48	PPB	
Target Compounds						Qvalue
2) N-NITROSODIMETHYLAMINE	3.55	74	622125	37.53	PPB	98
3) PYRIDINE	3.54	79	1168913	36.86	PPB	98
6) PHENOL - CCC	6.30	94	1446123	37.40	PPB	89
7) aniline	6.31	93	1081264	36.96	PPB	93
8) BIS(2-CHLOROETHYL)ETHER	6.38	93	1402581	40.12	PPB	98
9) 2-CHLOROPHENOL	6.45	128	1090776	37.86	PPB	99
10) 1,3 DICHLOROBENZENE	6.63	146	1154657	37.45	PPB	96
11) 1,4 DICHLOROBENZENE - CCC	6.69	146	1191682	37.69	PPB	96
12) benzyl alcohol	6.88	79	1018632	38.12	PPB	100
13) 1,2-DICHLOROBENZENE	6.94	146	1172065	38.15	PPB	99
14) 2-METHYLPHENOL	7.05	108	1036528	39.90	PPB	99
15) BIS(2-CHLOROISOPROPYL)ETHE	7.08	45	1641887	38.27	PPB	99
16) 4-METHYLPHENOL	7.23	107	1249570	38.56	PPB	99
17) N-NITROSO-DI-N-PROPYLAMINE	7.25	43	713556	37.45	PPB	99
18) HEXACHLOROETHANE	7.33	117	615288	38.92	PPB	98
21) NITROBENZENE	7.44	77	1269642	36.58	PPB	99
22) ISOPHORONE	7.74	82	2805058	39.66	PPB	99
23) 2,4 DIMETHYLPHENOL	7.92	107	942880	39.49	PPB	96
24) benzoic acid	8.08	105	520595	33.55	PPB	97
25) 2-NITROPHENOL - CCC	7.86	139	629816	36.42	PPB	88
26) BIS(2-CHLOROETHOXY)METHANE	8.04	93	1479377	39.10	PPB	99
27) 2,4 DICHLOROPHENOL - CCC	8.17	162	884007	37.28	PPB	97
28) 1,2,4 TRICHLOROBENZENE	8.28	180	944620	39.17	PPB	99
29) NAPHTHALENE	8.36	128	3106781	37.99	PPB	100
30) 4-CHLOROANILINE	8.46	127	1004763	38.10	PPB	99
31) HEXACHLOROBUTADIENE - CCC	8.60	225	492097	36.85	PPB	99
32) 4-CHLORO-3-METHYLPHENOL -	9.09	107	1009811	38.72	PPB	99
33) 2-METHYLNAPHTHALENE	9.27	142	1993752	38.22	PPB	99
34) 2-NITROANILINE	10.11	138	758490	39.67	PPB	98
36) HEXACHLOROCYCLOPENTADIENE	9.58	237	344308	33.75	PPB	99
37) 2,4,6-TRICHLOROPHENOL - CC	9.70	196	554125	38.16	PPB	98
38) 2,4,5 TRICHLOROPHENOL	9.74	196	587369	39.28	PPB	99
40) 2-CHLORONAPHTHALENE	9.93	162	1888921	37.68	PPB	100
41) DIMETHYLPHTHALATE	10.38	163	2415170	38.48	PPB	99
42) 2,6 DINITROTOLUENE	10.47	165	582019	39.81	PPB	95
43) ACENAPHTHYLENE	10.50	152	3101524	39.20	PPB	100

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

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220922.D Vial: 22
Acq On : 22 Apr 109 8:57 pm Operator:
Sample : bna std 40 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 23 9:49 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

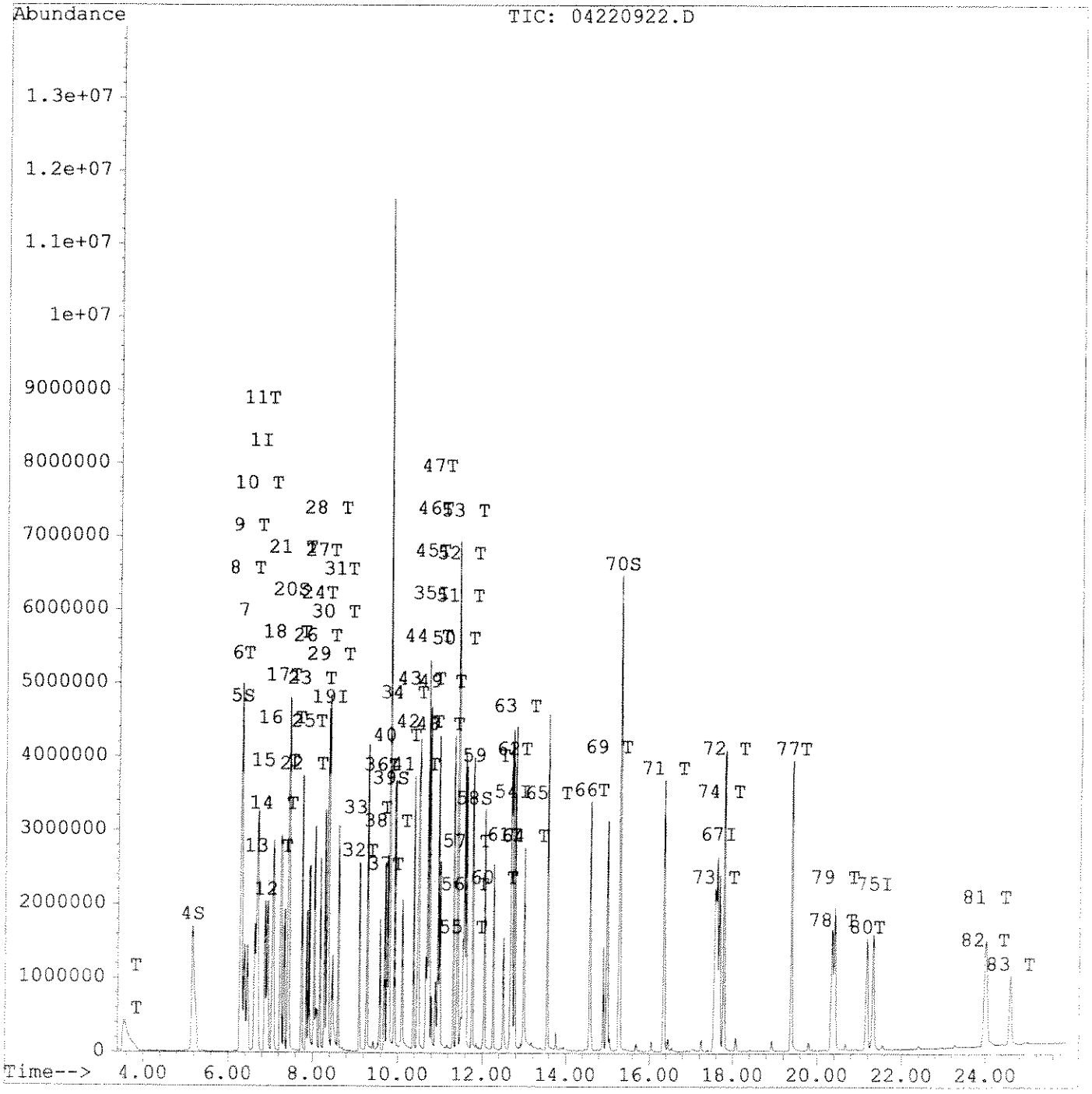
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
44)	3-NITROANILINE	10.66	65	535527	41.98 PPB		99
45)	ACENAPHTHENE - CCC	10.75	153	1859599	39.12 PPB		98
46)	2,4-DINITROPHENOL - SPCC	10.79	184	175650	25.55 PPB		99
47)	4-NITROPHENOL - SPCC	10.89	139	338899	36.40 PPB		97
48)	DIBENZOFURAN	10.95	168	2829352	38.83 PPB		100
49)	2,4 DINITROTOLUENE	10.99	165	786865	40.56 PPB		86
50)	DIETHYLPHTHLATE	11.31	149	2537051	38.40 PPB		99
51)	4-CHLOROPHENYLPHENYL ETHER	11.41	204	937459	37.70 PPB		99
52)	FLUORENE	11.42	166	2264301	39.73 PPB		99
53)	4-NITROANILINE	11.50	138	307507	38.75 PPB	#	85
55)	4,6-DINITRO-2-METHYLPHENOL	11.54	198	311217	32.74 PPB	#	95
56)	N-NITROSODIPHENYLAMINE	11.57	168	1045469	39.18 PPB	#	99
57)	1,2 DIPHENYLHYDRAZINE	11.61	77	3249668	39.54 PPB		99
59)	4-BROMOPHENYLPHENYL ETHER	12.05	51	250809	38.88 PPB		96
60)	HEXACHLOROBENZENE	12.27	284	503263	38.64 PPB		99
61)	PENTACHLOROPHENOL - CCC	12.51	266	272785	33.99 PPB		99
62)	PHENANTHRENE	12.72	178	2969680	39.10 PPB		100
63)	ANTHRACENE	12.78	178	3006619	39.60 PPB		99
64)	CARBAZOLE	13.00	167	2613728	37.78 PPB		99
65)	DI-N-BUTYLPHTHALATE	13.55	149	4471178	39.52 PPB		100
66)	FLUORANTHENE - CCC	14.58	202	2870011	39.73 PPB		100
68)	BENZIDINE	0.00	184		No Calib	#	
69)	PYRENE	14.99	202	2785225	39.51 PPB		100
71)	BUTYLBENZYLPHTHALATE	16.34	149	1914041	38.51 PPB		100
72)	BIS(2-ETHYLHEXYL)PHTHALATE	17.79	149	2613957	36.73 PPB		100
73)	BENZO(A)ANTHRACENE	17.57	228	2200423	38.13 PPB		100
74)	CHRYSENE	17.69	228	2141242	38.72 PPB		100
76)	3,3'-DICHLOROBENZIDINE	0.00	252		No Calib	#	
77)	DI-N-OCTYL PHTHALATE - CCC	19.39	149	4732292	39.18 PPB		100
78)	BENZO(B)FLOURANTHENE	20.35	252	1911049	36.43 PPB		100
79)	BENZO(K)FLUORANTHENE	20.41	252	1931448	39.68 PPB	m	78
80)	BENZO(A)PYRENE - CCC	21.17	252	1646219	36.70 PPB		99
81)	DIBENZO(A,H)ANTHRACENE	24.02	278	1172762	32.30 PPB		98
82)	INDENO(1,2,3-CD)PYRENE	23.98	276	1385987	32.54 PPB		99
83)	BENZO(G,H,I)PERYLENE	24.59	276	1125092	31.30 PPB		99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR09\042209\04220922.D Vial: 22
Acq On : 22 Apr 109 8:57 pm Operator:
Sample : bna std 40 ppb s08-2 Inst : SVGCMS2
Misc : Multiplr: 1.00
Quant Time: Apr 23 9:49 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209\04220925.d Vial: 25
Acq On : 22 Apr 109 10:41 pm Operator:
Sample : bna smp 490.01*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 9:56 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1023506	40.00 PPB	0.03
19) NAPHTHALENE-d8 INT. STD.	8.33	136	2576004	40.00 PPB	0.02
35) ACENAPHTHENE-d10 INT. STD.	10.70	162	1304630	40.00 PPB	0.02
54) PHENANTHRENE-d10 INT. STD.	12.68	188	2002534	40.00 PPB	0.03
67) CHRYSENE-d12 INT. STD.	17.61	240	1690257	40.00 PPB	0.03
75) PERYLENE-d12 INT. STD.	21.33	264	1070943	40.00 PPB	0.06
System Monitoring Compounds					%Recovery
4) 2-FLUOROPHENOL SURR.	5.15	112	963317	53.12 PPB	
5) PHENOL-d6 SURR.	6.29	99	870368	38.15 PPB	
20) NITROBENZENE-d5 SURR.	7.42	82	689691	26.05 PPB	
39) 2-FLUOROBIPHENYL SURR.	9.79	172	1636345	37.80 PPB	
58) 2,4,6 TRIBROMOPHENOL SURR.	11.77	330	472149	95.53 PPB	
70) TERPHENYL-d14 SURR.	15.27	244	1489052	46.87 PPB	
Target Compounds					Qvalue
2) N-NITROSODIMETHYLAMINE	0.00	74		Not Detected	
3) PYRIDINE	0.00	79		Not Detected	
6) PHENOL - CCC	0.00	94		Not Detected	
7) aniline	0.00	93		Not Detected	
8) BIS(2-CHLOROETHYL)ETHER	0.00	93		Not Detected	
9) 2-CHLOROPHENOL	0.00	128		Not Detected	
10) 1,3 DICHLOROBENZENE	0.00	146		Not Detected	
11) 1,4 DICHLOROBENZENE - CCC	0.00	146		Not Detected	
12) benzyl alcohol	6.88	79	43446	2.35 PPB	97
13) 1,2-DICHLOROBENZENE	0.00	146		Not Detected	
14) 2-METHYLPHENOL	0.00	108		Not Detected	
15) BIS(2-CHLOROISOPROPYL)ETHE	0.00	45		Not Detected	
16) 4-METHYLPHENOL	0.00	107		Not Detected	
17) N-NITROSO-DI-N-PROPYLAMINE	0.00	43		Not Detected	
18) HEXACHLOROETHANE	0.00	117		Not Detected	
21) NITROBENZENE	0.00	77		Not Detected	
22) ISOPHORONE	0.00	82		Not Detected	
23) 2,4 DIMETHYLPHENOL	0.00	107		Not Detected	
24) benzoic acid	8.04	105	75836	5.99 PPB	92
25) 2-NITROPHENOL - CCC	0.00	139		Not Detected	
26) BIS(2-CHLOROETHOXY)METHANE	0.00	93		Not Detected	
27) 2,4 DICHLOROPHENOL - CCC	0.00	162		Not Detected	
28) 1,2,4 TRICHLOROBENZENE	0.00	180		Not Detected	
29) NAPHTHALENE	0.00	128		Not Detected	
30) 4-CHLOROANILINE	0.00	127		Not Detected	
31) HEXACHLOROBUTADIENE - CCC	0.00	225		Not Detected	
32) 4-CHLORO-3-METHYLPHENOL -	0.00	107		Not Detected	
33) 2-METHYLNAPHTHALENE	9.28	142	22777	0.53 PPB	90
34) 2-NITROANILINE	0.00	138		Not Detected	
36) HEXACHLOROCYCLOPENTADIENE	0.00	237		Not Detected	
37) 2,4,6-TRICHLOROPHENOL - CC	0.00	196		Not Detected	
38) 2,4,5 TRICHLOROPHENOL	0.00	196		Not Detected	
40) 2-CHLORONAPHTHALENE	0.00	162		Not Detected	
41) DIMETHYLPHTHALATE	0.00	163		Not Detected	
42) 2,6 DINITROTOLUENE	0.00	165		Not Detected	
43) ACENAPHTHYLENE	0.00	152		Not Detected	

Carry over from Sample 29381-162

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209\04220925.d Vial: 25
Acq On : 22 Apr 109 10:41 pm Operator:
Sample : bna smp 490.01*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 9:56 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
44)	3-NITROANILINE	0.00	65		Not Detected	
45)	ACENAPHTHENE - CCC	0.00	153		Not Detected	
46)	2,4-DINITROPHENOL - SPCC	0.00	184		Not Detected	
47)	4-NITROPHENOL - SPCC	0.00	139		Not Detected	
48)	DIBENZOFURAN	0.00	168		Not Detected	
49)	2,4 DINITROTOLUENE	0.00	165		Not Detected	
50)	DIETHYLPHTHLATE	11.30	149	14769	0.29 PPB	85
51)	4-CHLOROPHENYLPHENYL ETHER	0.00	204		Not Detected	
52)	FLUORENE	0.00	166		Not Detected	
53)	4-NITROANILINE	0.00	138		Not Detected	
55)	4,6-DINITRO-2-METHYLPHENOL	0.00	198		Not Detected	
56)	N-NITROSODIPHENYLAMINE	0.00	168		Not Detected	
57)	1,2 DIPHENYLHYDRAZINE	0.00	77		Not Detected	
59)	4-BROMOPHENYLPHENYL ETHER	0.00	51		Not Detected	
60)	HEXACHLOROBENZENE	0.00	284		Not Detected	
61)	PENTACHLOROPHENOL - CCC	0.00	266		Not Detected	
62)	PHENANTHRENE	0.00	178		Not Detected	
63)	ANTHRACENE	0.00	178		Not Detected	
64)	CARBAZOLE	0.00	167		Not Detected	
65)	DI-N-BUTYLPHTHALATE	13.56	149	138548	1.60 PPB	96
66)	FLUORANTHENE - CCC	0.00	202		Not Detected	
68)	BENZIDINE	0.00	184		No Calib #	
69)	PYRENE	0.00	202		Not Detected	
71)	BUTYLBENZYLPHTHALATE	16.34	149	23193	0.64 PPB	86
72)	BIS(2-ETHYLHEXYL)PHTHALATE	17.79	149	599977	11.52 PPB	98
73)	BENZO(A)ANTHRACENE	0.00	228		Not Detected	
74)	CHRYSENE	0.00	228		Not Detected	
76)	3,3'-DICHLOROBENZIDINE	0.00	252		No Calib #	
77)	DI-N-OCTYL PHTHALATE - CCC	0.00	149		Not Detected	
78)	BENZO(B)FLOURANTHENE	0.00	252		Not Detected	
79)	BENZO(K)FLUORANTHENE	0.00	252		Not Detected	
80)	BENZO(A)PYRENE - CCC	0.00	252		Not Detected	
81)	DIBENZO(A,H)ANTHRACENE	0.00	278		Not Detected	
82)	INDENO(1,2,3-CD)PYRENE	0.00	276		Not Detected	
83)	BENZO(G,H,I)PERYLENE	0.00	276		Not Detected	

MB - <0.32

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

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209bz\04220925.d Vial: 25
Acq On : 22 Apr 109 10:41 pm Operator:
Sample : bna smp 490.01*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 10:29 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

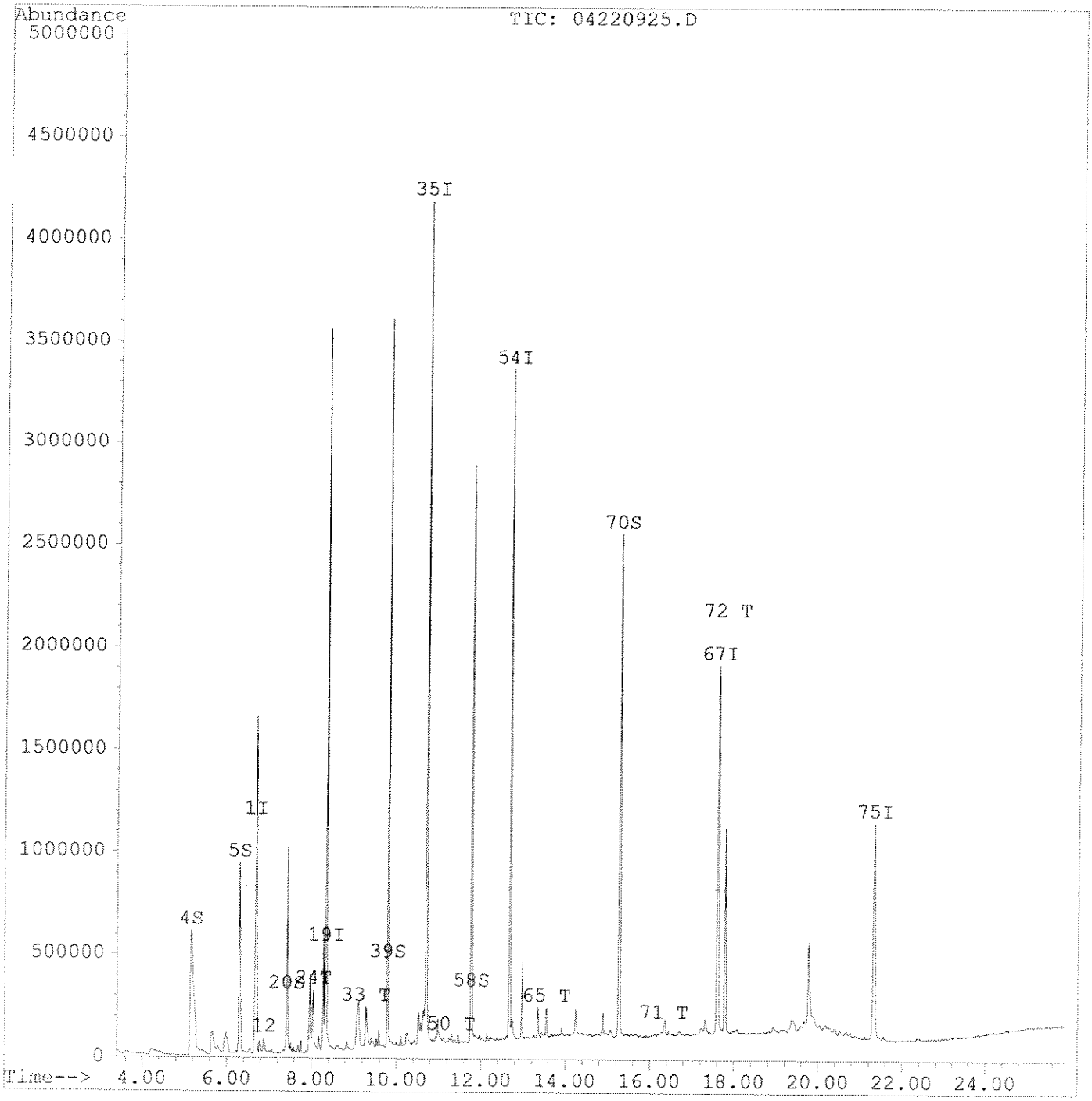
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.67	150	1030116	40.00 PPB	-0.03
2) NAPHTHALENE-d8 INT. STD.	8.33	136	2577570	40.00 PPB	-0.03
4) ACENAPHTHENE-d10 INT. STD.	10.70	162	1299765	40.00 PPB	-0.03
6) PHENANTHRENE-d10 INT. STD.	12.68	188	2002534	40.00 PPB	-0.03
7) CHRYSENE-d12 INT. STD.	17.61	240	1690257	40.00 PPB	-0.06
10) PERYLENE-d12 INT. STD.	21.33	264	1070943	40.00 PPB	-0.06
System Monitoring Compounds					%Recovery
3) NITROBENZENE-d5 SURR.	7.42	82	689691	26.63 PPB	
5) 2-FLUOROBIPHENYL SURR.	9.79	172	1636345	37.69 PPB	
9) TERPHENYL-d14 SURR.	15.27	244	1489052	49.38 PPB	
Target Compounds					Qvalue
8) BENZIDINE	0.00	184		Not Detected	
11) 3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected	

(#) = qualifier out of range (m) = manual integration
04220925.d BZ021909.M Thu Apr 23 10:43:28 2009

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209\04220925.d Vial: 25
Acq On : 22 Apr 109 10:41 pm Operator:
Sample : bna smp 490.01*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 9:56 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration



Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209\04220926.d Vial: 26
Acq On : 22 Apr 109 11:16 pm Operator:
Sample : bna smp 490.03*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 9:57 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.68	150	1109484	40.00 PPB	0.04
19) NAPHTHALENE-d8 INT. STD.	8.33	136	2872381	40.00 PPB	0.02
35) ACENAPHTHENE-d10 INT. STD.	10.69	162	1465321	40.00 PPB	0.02
54) PHENANTHRENE-d10 INT. STD.	12.68	188	2247173	40.00 PPB	0.02
67) CHRYSENE-d12 INT. STD.	17.61	240	1995372	40.00 PPB	0.04
75) PERYLENE-d12 INT. STD.	21.32	264	1237256	40.00 PPB	0.05
System Monitoring Compounds					%Recovery
4) 2-FLUOROPHENOL SURR.	5.16	112	1068678	54.36 PPB	
5) PHENOL-d6 SURR.	6.29	99	975072	39.42 PPB	
20) NITROBENZENE-d5 SURR.	7.41	82	657761	22.28 PPB	
39) 2-FLUOROBIPHENYL SURR.	9.79	172	1488033	30.61 PPB	
58) 2,4,6 TRIBROMOPHENOL SURR.	11.77	330	521191	93.97 PPB	
70) TERPHENYL-d14 SURR.	15.27	244	1386140	36.96 PPB	
Target Compounds					Qvalue
2) N-NITROSODIMETHYLAMINE	0.00	74		Not Detected	
3) PYRIDINE	0.00	79		Not Detected	
6) PHENOL - CCC	0.00	94		Not Detected	
7) aniline	0.00	93		Not Detected	
8) BIS(2-CHLOROETHYL)ETHER	0.00	93		Not Detected	
9) 2-CHLOROPHENOL	0.00	128		Not Detected	
10) 1,3 DICHLOROBENZENE	0.00	146		Not Detected	
11) 1,4 DICHLOROBENZENE - CCC	0.00	146		Not Detected	
12) benzyl alcohol	6.87	79	53931	2.69 PPB	96
13) 1,2-DICHLOROBENZENE	0.00	146		Not Detected	
14) 2-METHYLPHENOL	0.00	108		Not Detected	
15) BIS(2-CHLOROISOPROPYL)ETHE	0.00	45		Not Detected	
16) 4-METHYLPHENOL	0.00	107		Not Detected	
17) N-NITROSO-DI-N-PROPYLAMINE	0.00	43		Not Detected	
18) HEXACHLOROETHANE	0.00	117		Not Detected	
21) NITROBENZENE	0.00	77		Not Detected	
22) ISOPHORONE	0.00	82		Not Detected	
23) 2,4 DIMETHYLPHENOL	0.00	107		Not Detected	
24) benzoic acid	8.04	105	77395	5.48 PPB	95
25) 2-NITROPHENOL - CCC	0.00	139		Not Detected	
26) BIS(2-CHLOROETHOXY)METHANE	0.00	93		Not Detected	
27) 2,4 DICHLOROPHENOL - CCC	0.00	162		Not Detected	
28) 1,2,4 TRICHLOROBENZENE	0.00	180		Not Detected	
29) NAPHTHALENE	0.00	128		Not Detected	
30) 4-CHLOROANILINE	0.00	127		Not Detected	
31) HEXACHLOROBUTADIENE - CCC	0.00	225		Not Detected	
32) 4-CHLORO-3-METHYLPHENOL -	0.00	107		Not Detected	
33) 2-METHYLNAPHTHALENE	9.28	142	29984	0.63 PPB	98
34) 2-NITROANILINE	0.00	138		Not Detected	
36) HEXACHLOROCYCLOPENTADIENE	0.00	237		Not Detected	
37) 2,4,6-TRICHLOROPHENOL - CC	0.00	196		Not Detected	
38) 2,4,5 TRICHLOROPHENOL	0.00	196		Not Detected	
40) 2-CHLORONAPHTHALENE	0.00	162		Not Detected	
41) DIMETHYLPHTHALATE	0.00	163		Not Detected	
42) 2,6 DINITROTOLUENE	0.00	165		Not Detected	
43) ACENAPHTHYLENE	0.00	152		Not Detected	

Carry over from samps 291381-1+2

(#) = qualifier out of range (m) = manual integration
04220926.d G2041709.M Thu Apr 23 10:00:04 2009

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209\04220926.d Vial: 26
Acq On : 22 Apr 109 11:16 pm Operator:
Sample : bna smp 490.03*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 9:57 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
44) 3-NITROANILINE	0.00	65		Not Detected	
45) ACENAPHTHENE - CCC	0.00	153		Not Detected	
46) 2,4-DINITROPHENOL - SPCC	0.00	184		Not Detected	
47) 4-NITROPHENOL - SPCC	0.00	139		Not Detected	
48) DIBENZOFURAN	0.00	168		Not Detected	
49) 2,4 DINITROTOLUENE	0.00	165		Not Detected	
50) DIETHYLPHTHLATE	0.00	149		Not Detected	
51) 4-CHLOROPHENYLPHENYL ETHER	0.00	204		Not Detected	
52) FLUORENE	0.00	166		Not Detected	
53) 4-NITROANILINE	0.00	138		Not Detected	
55) 4,6-DINITRO-2-METHYLPHENOL	0.00	198		Not Detected	
56) N-NITROSODIPHENYLAMINE	0.00	168		Not Detected	
57) 1,2 DIPHENYLHYDRAZINE	0.00	77		Not Detected	
59) 4-BROMOPHENYLPHENYL ETHER	0.00	51		Not Detected	
60) HEXACHLOROBENZENE	0.00	284		Not Detected	
61) PENTACHLOROPHENOL - CCC	0.00	266		Not Detected	
62) PHENANTHRENE	0.00	178		Not Detected	
63) ANTHRACENE	0.00	178		Not Detected	
64) CARBAZOLE	0.00	167		Not Detected	
65) DI-N-BUTYLPHTHALATE	13.55	149	147409	1.52 PPB	98
66) FLUORANTHENE - CCC	0.00	202		Not Detected	
68) BENZIDINE	0.00	184		No Calib #	
69) PYRENE	0.00	202		Not Detected	
71) BUTYLBENZYLPHTHALATE	16.33	149	8824	0.21 PPB	83
72) BIS(2-ETHYLHEXYL)PHTHALATE	17.78	149	591313	9.62 PPB	98 MB=0.32
73) BENZO(A)ANTHRACENE	0.00	228		Not Detected	
74) CHRYSENE	0.00	228		Not Detected	
76) 3,3'-DICHLOROBENZIDINE	0.00	252		No Calib #	
77) DI-N-OCTYL PHTHALATE - CCC	0.00	149		Not Detected	
78) BENZO(B)FLOURANTHENE	0.00	252		Not Detected	
79) BENZO(K)FLUORANTHENE	0.00	252		Not Detected	
80) BENZO(A)PYRENE - CCC	0.00	252		Not Detected	
81) DIBENZO(A,H)ANTHRACENE	0.00	278		Not Detected	
82) INDENO(1,2,3-CD)PYRENE	0.00	276		Not Detected	
83) BENZO(G,H,I)PERYLENE	0.00	276		Not Detected	

(#) = qualifier out of range (m) = manual integration
04220926.d G2041709.M Thu Apr 23 10:00:04 2009

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209bz\04220926.d Vial: 26
Acq On : 22 Apr 109 11:16 pm Operator:
Sample : bna smp 490.03*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 10:29 19109

Method : C:\HPCHEM\1\METHODS\BZ021909.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Fri Feb 20 08:40:12 2009
Response via : Multiple Level Calibration

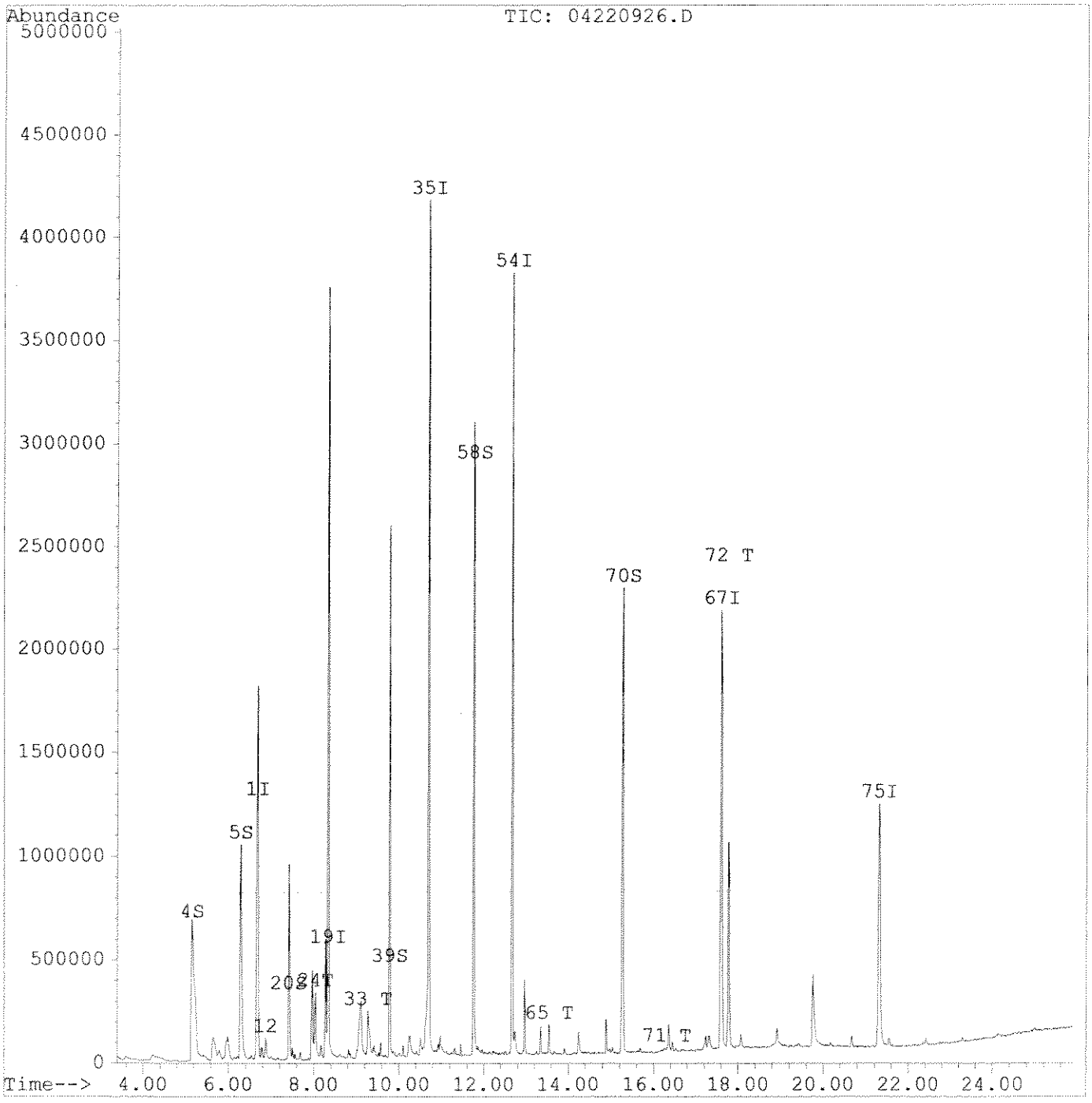
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DICHLOROBENZENE-d4 INT	6.68	150	1117333	40.00 PPB	-0.02
2) NAPHTHALENE-d8 INT. STD.	8.33	136	2872381	40.00 PPB	-0.03
4) ACENAPHTHENE-d10 INT. STD.	10.69	162	1465321	40.00 PPB	-0.04
6) PHENANTHRENE-d10 INT. STD.	12.68	188	2247173	40.00 PPB	-0.04
7) CHRYSENE-d12 INT. STD.	17.61	240	1993337	40.00 PPB	-0.06
10) PERYLENE-d12 INT. STD.	21.32	264	1237256	40.00 PPB	-0.07
System Monitoring Compounds					%Recovery
3) NITROBENZENE-d5 SURR.	7.41	82	657761	22.79 PPB	
5) 2-FLUOROBIPHENYL SURR.	9.79	172	1488033	30.40 PPB	
9) TERPHENYL-d14 SURR.	15.27	244	1388275	39.04 PPB	
Target Compounds					Qvalue
8) BENZIDINE	0.00	184		Not Detected	
11) 3,3'-DICHLOROBENZIDINE	0.00	252		Not Detected	

(#) = qualifier out of range (m) = manual integration
04220926.d BZ021909.M Thu Apr 23 10:43:28 2009

Quantitation Report

Data File : c:\hpchem\1\data\apr09\042209\04220926.d Vial: 26
Acq On : 22 Apr 109 11:16 pm Operator:
Sample : bna smp 490.03*1 tcl 1L Inst : SVGCMS2
Misc : 4/21/09, cat "B" pkg Multiplr: 1.00
Quant Time: Apr 23 9:57 19109

Method : C:\HPCHEM\1\METHODS\G2041709.M
Title : BASE/NEUTRALS & ACID EXTRACTABLES
Last Update : Mon Apr 20 09:59:22 2009
Response via : Multiple Level Calibration



VOCs BY EPA METHOD 8260 - QC DELIVERABLES

Conformance/Nonconformance Summary

Ecotest Sample ID: 291490.01, 291490.03, 291490.05.

QC criteria were met for the following unless stated otherwise:

* Method blank
* MDL study
* Surrogate recoveries
* Matrix Spike & Matrix Spike Duplicate RPD

Ketone relative percent differences are slightly higher than lab established limits.

* Matrix Spike & Matrix Spike Duplicate % recoveries.

On an initial attempt at running the matrix spike snd matrix spike duplicate, sample purging triggered the foam sensor which aborted the purge cycle shortly after it started, this did not happen during the sample run. Matrix spikes and matrix spike duplicates were rerun with antifoam solution added.

Ketone and 1,1,2,2-Tetrachloethane recoveries were slightly higher than lab established limits . Enhanced recoveries are probably due to foaming.

* Reference sample
* Holding Time (USEPA SW846)
* Initial instrument calibration & continuing calibration

Continuing calibartion

* GCMS Tune criteria
* Internal Standard Recovery

Lab Chronicle

Laboratory Number	Date Collected	Date Received	Instrument Name	Sample	Date Extracted	Date of Analysis	8260 Holding Time (days)
291475.01	4/16/09	4/16/09	GCMSV#4	MW-120	na	4/20/09	4
291475.03	4/16/09	4/16/09	GCMSV#4	MW-120 MS	na	4/20/09	4
291475.05	4/16/09	4/16/09	GCMSV#4	MW-120 MSD	na	4/20/09	4
291475.07	4/16/09	4/16/09	GCMSV#4	MW-110	na	4/20/09	4
291475.09	4/16/09	4/16/09	GCMSV#4	MW-120B	na	4/20/09	4
291475.11	4/16/09	4/16/09	GCMSV#4	MW-120B Dup	na	4/20/09	4
291475.13	4/16/09	4/16/09	GCMSV#4	MW-104	na	4/20/09	4
291475.15	4/16/09	4/16/09	GCMSV#4	MW-114	na	4/20/09	4
291475.17	4/16/09	4/16/09	GCMSV#4	Trip Blank	na	4/20/09	4
291489.01	4/17/09	4/17/09	GCMSV#4	SW 1	na	4/20/09	3
291489.02	4/17/09	4/17/09	GCMSV#4	SW 2	na	4/20/09	3
291490.01	4/17/09	4/17/09	GCMSV#4	MW-106	na	4/20/09	3
291490.03	4/17/09	4/17/09	GCMSV#4	MW-119	na	4/20/09	3
291490.05	4/17/09	4/17/09	GCMSV#4	Trip Blank	na	4/20/09	3

Analytical Results Summary GCMSV4 Method 8260B

Lab Number	Sample Aliquot	Final Water Volume	Dilution Factor	Column
291475.01	5ml	5ml	1	J&W DB-VRX 0.18mm
291475.03	5ml	5ml	1	J&W DB-VRX 0.18mm
291475.05	5ml	5ml	1	J&W DB-VRX 0.18mm
291475.07	5ml	5ml	1	J&W DB-VRX 0.18mm
291475.09	5ml	5ml	1	J&W DB-VRX 0.18mm
291475.11	5ml	5ml	1	J&W DB-VRX 0.18mm
291475.13	5ml	5ml	1	J&W DB-VRX 0.18mm
291475.15	5ml	5ml	1	J&W DB-VRX 0.18mm
291475.17	5ml	5ml	1	J&W DB-VRX 0.18mm
291489.01	5ml	5ml	1	J&W DB-VRX 0.18mm
291489.02	5ml	5ml	1	J&W DB-VRX 0.18mm
291490.01	5ml	5ml	1	J&W DB-VRX 0.18mm
291490.03	5ml	5ml	1	J&W DB-VRX 0.18mm
291490.05	5ml	5ml	1	J&W DB-VRX 0.18mm

Method Detection and Practical Quantitation Limits for Extractions and Ageous Samples GCMSV4 EPA Method 8260

Compound	MDL (ug/L)	PQL (ug/L)
dichlorodifluoromethane	0.09	1
chlorodifluoromethane	0.14	1
chloromethane	0.18	1
vinyl chloride	0.21	1
bromomethane	0.14	1
chloroethane	0.23	1
trichlorofluoromethane	0.13	1
freon	0.29	1
acetone	3.52	10
1,1-dichloroethene	0.27	1
methylene chloride	0.19	1
carbon disulfide	0.15	1
tert-butylmethylether	0.17	1
trans-1,2-dichloroethene	0.28	1
vinyl acetate	0.13	10
1,1-dichloroethane	0.17	1
methyl ethyl ketone	1.39	10
2,2-dichloropropane	0.25	1
cis-1,2-dichloroethene	0.21	1
chloroform	0.15	1
bromochloromethane	0.25	1
1,1,1-trichloroethane	0.08	1
1,1-dichloropropene	0.19	1
carbon tetrachloride	0.23	1
1,2-dichloroethane	0.13	1
benzene	0.09	1
trichloroethene	0.15	1
1,2-dichloropropane	0.07	1
bromodichloromethane	0.09	1
dibromomethane	0.22	1
2-chloroethylvinylether	0.19	1
4-methyl-2-pentanone	0.59	10
cis-1,3-dichloropropene	0.26	1
toluene	0.10	1
trans-1,3-dichloropropene	0.14	1
1,1,2-trichloroethane	0.29	1
2-hexanone	0.56	10
1,3-dichloropropane	0.17	1

Compound	MDL (ug/L)	PQL (ug/L)
tetrachloroethene	0.27	1
dibromochloromethane	0.16	1
1,2-dibromoethane	0.20	1
chlorobenzene	0.17	1
1,1,1,2-tetrachloroethane	0.17	1
ethylbenzene	0.03	1
m+p xylene	0.21	2
o-xylene	0.11	1
styrene	0.09	1
bromoform	0.24	1
isopropylbenzene	0.13	1
1,1,2,2-tetrachloroethane	0.13	1
1,2,3-trichloropropane	0.20	1
n-propylbenzene	0.16	1
bromobenzene	0.14	1
p-ethyltoluene	0.17	1
1,3,5-trimethylbenzene	0.22	1
2-chlorotoluene	0.09	1
4-chlorotoluene	0.17	1
tert-butylbenzene	0.28	1
1,2,4-trimethylbenzene	0.13	1
sec-butylbenzene	0.16	1
4-isopropyltoluene	0.17	1
1,3-dichlorobenzene	0.15	1
1,4-dichlorobenzene	0.15	1
1,2,3-trimethylbenzene	0.12	1
n-butylbenzene	0.15	1
p-diethylbenzene	0.18	1
1,2-dichlorobenzene	0.17	1
1,2,4,5-tetramethylbenzene	0.13	1
1,2-dibromo-3-chloropropan	0.42	1
1,2,4-trichlorobenzene	0.25	1
hexachlorobutadiene	0.25	1
naphthalene	0.14	1
1,2,3-trichlorobenzene	0.25	1

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

water blank

Lab Name: Ecotest Labs, Inc. Contract:

Project No.: Site: Location: Group:

Lab File ID: 04200907.D Lab Sample ID: water blank

Date Analyzed: 4/20/09 Time Analyzed: 12:54

GC Column: J&W DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMSV#4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	291475.17 5ml	Trip Blank	04200908.D	13:14
02	291475.01 5ml	Sample	04200909.D	13:35
03	reference 10ug/L	Second Source Refere	04200912.D	14:30
04	291475.01 5ml +20MS	Matrix Spike	04200913.D	14:51
05	291475.01 5ml +20MSD	Matrix Spike Duplicate	04200914.D	15:11
06				
07				
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

water blank

Lab Name: Ecotest Labs, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab File ID: 04200916.D Lab Sample ID: water blank

Date Analyzed: 4/20/09 Time Analyzed: 15:53

GC Column: J&W DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMSV#4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	antifoam blank {af}	antifoam blank	04200917.D	16:13
02	291490.05 5ml	Trip Blank	04200918.D	16:34
03	291475.09 5ml	Sample	04200919.D	16:55
04	291475.11 5ml	Sample (Duplicate)	04200920.D	17:15
05	291475.07 5ml	Sample	04200921.D	17:40
06	291475.13 5ml	Sample	04200922.D	18:00
07	291475.15 5ml	Sample	04200923.D	18:21
08	291489.01 5ml	Sample	04200924.D	18:42
09	291489.02 5ml	Sample	04200925.D	19:02
10	291490.01 5ml	Sample	04200926.D	19:23
11	291490.03 5ml	Sample	04200927.D	19:43
12				
13				
14				
15				
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

antifoam blank

Lab Name: Ecotest Labs, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab File ID: 04200917.D Lab Sample ID: antifoam blank

Date Analyzed: 4/20/09 Time Analyzed: 16:13

GC Column: J&W DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMSV#4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	291475.01 5ml +20MS	Matrix Spike	04200913.D	14:51
02	291475.01 5ml +20MSD	Matrix Spike Duplicate	04200914.D	15:11
03				
04				
05				
06				
07				
08				
09				
10				
11				
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COMMENTS:

50ul antifoam solution in water, the same amount was added to MS & MSD, to minimize foaming

Date Time Summary GCMSV4 Method 8260

Sample	Date	Time	Sample Type
bfb 50ng	4/15/09	13:44	BFB Tune Check
water stnd 5ug/L	4/15/09	15:16	Initial Calibration
water stnd 10ug/L	4/15/09	15:36	Initial Calibration
water stnd 20ug/L	4/15/09	15:57	Initial Calibration
water stnd 50ug/L	4/15/09	16:17	Initial Calibration
water stnd 100ug/L	4/15/09	16:38	Initial Calibration
water stnd 200ug/L	4/15/09	16:58	Initial Calibration
bfb 50ng	4/15/09	18:00	BFB Tune Check
water stnd 20ug/L	4/15/09	18:21	Initial Calibration Verification
bfb 50ng	4/20/09	10:59	BFB Tune Check
water stnd 20ug/L	4/20/09	11:20	Continuing Calibration
water stnd 1ug/L	4/20/09	12:33	Low level check standard
blank	4/20/09	12:54	method blank
291475.17 5ml	4/20/09	13:14	Trip Blank
291475.01 5ml	4/20/09	13:35	Sample
reference 10ug/L	4/20/09	14:30	Second Source Reference Sample
291475.01 5ml +20MS {af}	4/20/09	14:51	Matrix Spike
291475.01 5ml +20MSD {af}	4/20/09	15:11	Matrix Spike Duplicate
blank	4/20/09	15:53	method blank
antifoam blank {af}	4/20/09	16:13	antifoam blank
291490.05 5ml	4/20/09	16:34	Trip Blank
291475.09 5ml	4/20/09	16:55	Sample
291475.11 5ml	4/20/09	17:15	Sample (Duplicate)
291475.07 5ml	4/20/09	17:40	Sample
291475.13 5ml	4/20/09	18:00	Sample
291475.15 5ml	4/20/09	18:21	Sample
291489.01 5ml	4/20/09	18:42	Sample
291489.02 5ml	4/20/09	19:02	Sample
291490.01 5ml	4/20/09	19:23	Sample
291490.03 5ml	4/20/09	19:43	Sample

Surrogate Compound Limit for Ageous Samples Method 8260B GCMSV4

Surrogate Compound*	QC Limits
12-Dichloroethane-d4	84% --> 112%
Toluene-d8	92% --> 105%
4-Bromofluorobenzene	60% -->129%

Date of Analysis	Sample	1,2-Dichlorethane-d4 % Recovery	Toluene-d8 % Recovery	4-Bromofluorobenzene % Recovery
4/20/09	water stnd 1ug/L	97	99	98
4/20/09	blank	96	100	97
4/20/09	291475.17 5ml	103	100	98
4/20/09	291475.01 5ml	101	97	94
4/20/09	reference 10ug/L	97	100	101
4/20/09	291475.01 5ml +20MS {af}	107	101	102
4/20/09	291475.01 5ml +20MSD {af}	104	101	102
4/20/09	blank	102	101	98
4/20/09	antifoam blank {af}	94	100	97
4/20/09	291490.05 5ml	98	100	99
4/20/09	291475.09 5ml	104	100	97
4/20/09	291475.11 5ml	102	97	94
4/20/09	291475.07 5ml	103	100	98
4/20/09	291475.13 5ml	104	102	100
4/20/09	291475.15 5ml	103	101	100
4/20/09	291489.01 5ml	100	100	97
4/20/09	291489.02 5ml	102	100	99
4/20/09	291490.01 5ml	99	99	95
4/20/09	291490.03 5ml	102	98	97

*All Samples were spiked with 50ug/Kg of all surrogate compounds.
!!-Value out of QC limits.

MS/MSD Recovery Result Summary (VOC EPA 8260) GCMSV3

Instrument ID: GC/MS-V#4
Date of Analysis: 04/16/09
Sample Spiked: 291475.01
Associated Samples: 291490.01, 291490.03, 291490.05,

Compound	Unspiked Conc. (ug/L)	Spike Added (ug/L)	MS Conc. (ug/L)	MS Recov. (%)	MSD Conc. (ug/L)	MSD Recov. (%)	RPD* (%)	Recovery Limits (%)	RPD* Limits (%)	
Chloromethane	0	20	21.2	106	23.9	119	12	55 -->137	12	
Vinyl chloride	0	20	22.1	111	22.7	113	3	68 -->118	11	
Bromomethane	0	20	17.2	86	16.8	84	3	47 -->130	30	
Chloroethane	0	20	19.9	100	21.2	106	6	80 -->117	12	
1,1-Dichloroethene	0	20	21.7	108	21.6	108	1	85 -->115	14	
Acetone	0	100	165.7	166	139.4	139	17	52 -->138	19	#
Methylene chloride	0	20	21.8	109	23.0	115	5	85 -->115	12	
Carbon Disulfide	0.1	20	21.0	104	21.4	106	2	77 -->115	13	
trans-1,2-Dichloroethene	0	20	21.4	107	21.6	108	1	87 -->115	11	
1,1-Dichloroethane	0	20	21.8	109	21.6	108	1	86 -->116	10	
cis-1,2-Dichloroethene	0	20	21.2	106	21.4	107	1	86 -->115	10	
Methyl ethyl ketone	0	100	168.8	169	119.1	119	35	55 -->131	19	#
Chloroform	0	20	21.7	108	21.5	108	1	90 -->112	10	
1,1,1-Trichloroethane	0	20	21.4	107	21.1	106	1	87 -->111	10	
Carbon tetrachloride	0	20	20.1	101	20.3	101	1	75 -->116	15	
Benzene	0	20	20.0	100	19.8	99	1	88 -->117	11	
1,2-Dichloroethane	0	20	22.4	112	20.3	102	10	83 -->115	14	
Trichloroethene	0	20	19.9	100	20.0	100	0	86 -->113	9	
1,2-Dichloropropane	0	20	19.7	99	20.0	100	2	90 -->112	10	
Bromodichloromethane	0	20	20.4	102	20.8	104	2	85 -->111	11	
cis-1,3-Dichloropropene	0	20	19.9	99	19.8	99	1	83 -->107	9	
Methyl isobutyl ketone	0	100	157.2	157	125.2	125	23	60 -->123	12	#
Toluene	0	20	19.2	96	19.6	98	2	82 -->121	8	
trans-1,3-Dichloropropene	0	20	20.7	103	20.4	102	2	81 -->112	11	
1,1,2-Trichloroethane	0	20	23.4	117	22.1	110	6	85 -->111	12	
2-Hexanone	0	100	159.6	160	125.7	126	24	49-->132	16	#
Tetrachloroethene	0	20	18.6	93	18.7	94	0	66 -->143	13	
Dibromochloromethane	0	20	21.2	106	20.6	103	3	77 -->111	15	
Chlorobenzene	0	20	18.8	94	19.5	98	4	92 -->110	10	
Ethyl Benzene	0	20	18.6	93	18.7	94	1	67 -->134	12	
M+P-Xylene	0	40	36.9	92	37.6	94	2	74 -->147	12	
O-Xylene	0	20	18.8	94	18.8	94	0	74 -->133	15	
Styrene	0	20	18.5	93	18.0	90	3	88 -->109	12	
Bromoform	0	20	22.3	111	19.5	97	14	64 -->117	15	
1,1,2,2-Tetrachloroethane	0	20	24.8	124	22.5	113	10	69 -->117	10	#

*RPD= Relative Percent Difference.

#- Value out of Range

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Ecotest Laboratories, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab File ID (Standard): 04200903.D Date Analyzed: 4/20/09

Instrument ID: GCMSV4 Time Analyzed: 11:20

GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
	12 HOUR STD	3924513	3.38	5547678	3.93	3559836	6.21
	UPPER LIMIT	7849027	3.88	11095356	4.43	7119672	6.71
	LOWER LIMIT	1962257	2.88	2773839	3.43	1779918	5.71
	SAMPLE NO.						
01	water stnd 1ug/L	3627127	3.38	5136737	3.93	3329488	6.21
02	blank	3441722	3.38	4877835	3.93	3162465	6.21
03	291475.17 5ml	3415543	3.38	4809160	3.93	3137832	6.21
04	291475.01 5ml	3558567	3.38	4972495	3.93	3130246	6.21
05	reference 10ug/L	3611629	3.38	5055827	3.93	3262354	6.21
06	291475.01 5ml +20MS {a	3794494	3.38	5312775	3.93	3488723	6.21
07	291475.01 5ml +20MSD	4021886	3.38	5591806	3.93	3676212	6.21
08	blank	3529273	3.38	4915138	3.93	3250631	6.21
09	antifoam blank {af}	3415259	3.38	4833130	3.93	3164802	6.21
10	291490.05 5ml	3362883	3.38	4794924	3.93	3141256	6.21
11	291475.09 5ml	3416932	3.38	4803153	3.93	3200010	6.21
12	291475.11 5ml	3305086	3.38	4743812	3.93	2970073	6.21
13	291475.07 5ml	3330449	3.38	4753561	3.93	3153996	6.21
14	291475.13 5ml	3316808	3.38	4687647	3.93	3097029	6.21
15	291475.15 5ml	3226145	3.38	4569336	3.93	3047796	6.21
16	291489.01 5ml	3256246	3.38	4635079	3.93	3028668	6.21
17	291489.02 5ml	3225365	3.38	4605518	3.93	3083877	6.21
18	291490.01 5ml	3180628	3.38	4534068	3.93	2922305	6.21
19	291490.03 5ml	3221261	3.38	4596922	3.93	3022759	6.21
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21							
22							
23							
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30							
31							
32							

IS1 = pentafluorobenzene
IS2 = 1,4-difluorobenzene
IS3 = chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Ecotest Laboratories, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab File ID (Standard): 04200903.D Date Analyzed: 4/20/09

Instrument ID: GCMSV4 Time Analyzed: 11:20

GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4 AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	4182997	8.13				
	UPPER LIMIT	8365994	8.63				
	LOWER LIMIT	2091498	7.63				
	SAMPLE NO.						
01	water stnd 1ug/L	3788736	8.13				
02	blank	3581472	8.13				
03	291475.17 5ml	3518707	8.13				
04	291475.01 5ml	3484243	8.13				
05	reference 10ug/L	3898154	8.13				
06	291475.01 5ml +20MS {a	4175614	8.13				
07	291475.01 5ml +20MSD	4349030	8.13				
08	blank	3639865	8.13				
09	antifoam blank {af}	3730163	8.13				
10	291490.05 5ml	3598117	8.13				
11	291475.09 5ml	3460327	8.13				
12	291475.11 5ml	3381134	8.13				
13	291475.07 5ml	3448156	8.13				
14	291475.13 5ml	3467479	8.13				
15	291475.15 5ml	3444798	8.13				
16	291489.01 5ml	3398544	8.13				
17	291489.02 5ml	3362511	8.13				
18	291490.01 5ml	3286058	8.13				
19	291490.03 5ml	3358136	8.13				
20							
21							
22							
23							
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30							
31							
32							

IS4 = 1,4-dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name : Ecotest Labs, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab File ID: 04150911.D BFB Injection Date: 4/15/09

Instrument ID: GCMSV4 BFB Injection Time: 13:44

GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	24.2
75	30.0 - 66.0% of mass 95	52.4
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	(0.0)1
174	50.0 - 120.0% of mass 95	87.7
175	4.0 - 9.0% of mass 174	(7.8)1
176	93.0 - 101.0% of mass 174	(100.6)1
177	5.0 - 9.0% of mass 176	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	water stnd 5ug/L	Initial Calibration	04150913.D	04/15/09	15:16
02	water stnd 10ug/L	Initial Calibration	04150914.D	04/15/09	15:36
03	water stnd 20ug/L	Initial Calibration	04150915.D	04/15/09	15:57
04	water stnd 50ug/L	Initial Calibration	04150916.D	04/15/09	16:17
05	water stnd 100ug/L	Initial Calibration	04150917.D	04/15/09	16:38
06	water stnd 200ug/L	Initial Calibration	04150918.D	04/15/09	16:58
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5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name : Ecotest Labs, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab File ID: 04150921.D BFB Injection Date: 4/15/09

Instrument ID: GCMSV4 BFB Injection Time: 18:00

GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	24.0
75	30.0 - 66.0% of mass 95	52.2
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	(0.0)1
174	50.0 - 120.0% of mass 95	87.1
175	4.0 - 9.0% of mass 174	(7.8)1
176	93.0 - 101.0% of mass 174	(100.6)1
177	5.0 - 9.0% of mass 176	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	water stnd 20ug/L	ICVS	04150922.D	04/15/09	18:21
02					
03					
04					
05					
06					
07					
08					
09					
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5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name : Ecotest Labs, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab File ID: 04200902.D BFB Injection Date: 4/20/09

Instrument ID: GCMSV4 BFB Injection Time: 10:59

GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	24.7
75	30.0 - 66.0% of mass 95	53.2
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	(0.0)1
174	50.0 - 120.0% of mass 95	92.6
175	4.0 - 9.0% of mass 174	(7.6)1
176	93.0 - 101.0% of mass 174	(97.5)1
177	5.0 - 9.0% of mass 176	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	water stnd 20ug/L	Continuing Calibration	04200903.D	04/20/09	11:20
02	water stnd 1ug/L	Low level check standa	04200906.D	04/20/09	12:33
03	blank	method blank	04200907.D	04/20/09	12:54
04	291475.17 5ml	Trip Blank	04200908.D	04/20/09	13:14
05	291475.01 5ml	Sample	04200909.D	04/20/09	13:35
06	reference 10ug/L	Second Source Refere	04200912.D	04/20/09	14:30
07	290475.01 5ml +20MS {af}	Matrix Spike	04200913.D	04/20/09	14:51
08	290475.01 5ml +20MSD {a	Matrix Spike Duplicate	04200914.D	04/20/09	15:11
09	blank	method blank	04200916.D	04/20/09	15:53
10	antifoam blank {af}	antifoam blank	04200917.D	04/20/09	16:13
11	291490.05 5ml	Trip Blank	04200918.D	04/20/09	16:34
12	291475.09 5ml	Sample	04200919.D	04/20/09	16:55
13	291475.11 5ml	Sample (Duplicate)	04200920.D	04/20/09	17:15
14	291475.07 5ml	Sample	04200921.D	04/20/09	17:40
15	291475.13 5ml	Sample	04200922.D	04/20/09	18:00
16	291475.15 5ml	Sample	04200923.D	04/20/09	18:21
17	291489.01 5ml	Sample	04200924.D	04/20/09	18:42
18	291489.02 5ml	Sample	04200925.D	04/20/09	19:02
19	291490.01 5ml	Sample	04200926.D	4/20/2009	19:23
20	291490.03 5ml	Sample	04200927.D	4/20/2009	19:43
21					20:04
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QC Check Standard Summary (VOC EPA 8260)

EcoTest Laboratories Inc.
Instrument ID: GCMSV4
Lab File ID: 04200912.D
Date of Analysis: 04/20/09
Associated Samples: 291490.01, 291490.03, 291490.05.

Compound	Source	Target (ug/L)	Result (ug/L)	Lower control Limit (ug/L)	Upper control Limit (ug/L)	#
Chloromethane	(2)	10	13.2	5.4	16.0	
Vinyl chloride	(2)	10	11.9	6.1	15.3	
Bromomethane	(2)	10	11.4	4.5	15.4	
Chloroethane	(2)	10	11.0	8.0	12.2	
1,1-Dichloroethene	(1)	10	10.2	9.2	12.6	
Acetone	(3)	100	100.5	56.7	131	
Methylene chloride	(1)	10	11.1	9.6	12.3	
Carbon Disulfide	(3)	10	10.3	7.0	13.9	
trans-1,2-Dichloroethene	(1)	10	10.2	9.3	12.2	
1,1-Dichloroethane	(1)	10	10.6	9.1	11.4	
cis-1,2-Dichloroethene	(1)	10	10.9	9.1	11.3	
Methyl ethyl ketone	(3)	100	98.3	56.7	125	
Chloroform	(1)	10	10.6	9.1	10.9	
1,1,1-Trichloroethane	(1)	10	10.3	8.5	11.3	
Carbon tetrachloride	(1)	10	10.2	7.3	11.8	
Benzene	(1)	10	9.9	9.1	11.3	
1,2-Dichloroethane	(1)	10	10.2	8.4	11.9	
Trichloroethene	(1)	10	9.9	9.0	11.6	
1,2-Dichloropropane	(1)	10	9.8	8.6	11.3	
Bromodichloromethane	(1)	10	9.5	8.0	11.1	
cis-1,3-Dichloropropene	(1)	10	9.4	8.5	10.3	
Methyl isobutyl ketone	(3)	100	97.8	57.6	116	
Toluene	(1)	10	9.7	8.9	11.3	
trans-1,3-Dichloropropene	(1)	10	8.7	7.0	10.7	
1,1,2-Trichloroethane	(1)	10	9.7	8.1	11.3	
2-Hexanone	(3)	100	88.0	53.9	122	
Tetrachloroethene	(1)	10	9.1	7.3	13.1	
Dibromochloromethane	(1)	10	9.0	7.4	10.8	
Chlorobenzene	(1)	10	9.8	8.9	11.1	
Ethyl Benzene	(1)	10	9.4	8.4	11.4	
M+P-Xylene	(1)	10	19.1	17.1	23.3	
O-Xylene	(1)	10	9.6	8.0	11.4	
Styrene	(1)	10	9.9	8.2	10.8	
Bromoform	(1)	10	8.8	6.2	10.8	
1,1,2,2-Tetrachloroethane	(1)	10	9.5	6.8	11.8	

#- Column to be used to flag reference result with an asterisk.
#- Result is outside of QC limits.
Source of Stock Standard
(1)- Accstandard catalog# M-502A-R-10X.
(2)- Crescent Chamical catalog# CC2006.10.
(3)- Prepared by EcoTest from neat compound.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

water blank

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: water blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200907.D

Level: (low/med) _____ Date Received: na

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 74-87-3	Chloromethane	1	U
2. 75-01-4	Vinyl Chloride	1	U
3. 74-83-9	Bromomethane	1	U
4. 75-00-3	Chloroethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-35-4	1,1 Dichloroethene	1	U
7. 067-64-1	Acetone	10	U
8. 75-09-2	Methylene Chloride	1	U
9. 075-15-0	Carbon Disulfide	1	U
10. 156-60-5	t-1,2-Dichloroethene	1	U
11. 75-34-3	1,1 Dichloroethane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 078-93-3	Methyl Ethyl Ketone	10	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 071-43-2	Benzene	1	U
18. 107-06-2	1,2 Dichloroethane	1	U
19. 79-01-6	Trichloroethene	1	U
20. 78-87-5	1,2 Dichloropropane	1	U
21. 75-27-4	Bromodichloromethane	1	U
22. 10061-01-5	c-1,3Dichloropropene	1	U
23. 108-10-1	Methyl Isobutyl Ketone	10	U
24. 108-88-3	Toluene	1	U
25. 10061-02-6	t-1,3Dichloropropene	1	U
26. 79-00-5	112 Trichloroethane	1	U
27. 591-78-6	2-Hexanone	10	U
28. 127-18-4	Tetrachloroethene	1	U
29. 124-48-1	Chlorodibromomethane	1	U
30. 108-90-7	Chlorobenzene	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

water blank

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: water blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200907.D

Level: (low/med) _____ Date Received: na

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 100-41-4	Ethyl Benzene	1	U
2.	m + p-Xylene	2	U
3. 095-47-7	o-Xylene	1	U
4. 100-42-5	Styrene	1	U
5. 075-25-2	Bromoform	1	U
6. 079-34-5	1,1,2,2- Tetrachloroethane	1	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

water blank

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: water blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200916.D

Level: (low/med) _____ Date Received: na

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 74-87-3	Chloromethane	1	U
2. 75-01-4	Vinyl Chloride	1	U
3. 74-83-9	Bromomethane	1	U
4. 75-00-3	Chloroethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-35-4	1,1 Dichloroethene	1	U
7. 067-64-1	Acetone	10	U
8. 75-09-2	Methylene Chloride	1	U
9. 075-15-0	Carbon Disulfide	1	U
10. 156-60-5	t-1,2-Dichloroethene	1	U
11. 75-34-3	1,1 Dichloroethane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 078-93-3	Methyl Ethyl Ketone	10	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 071-43-2	Benzene	1	U
18. 107-06-2	1,2 Dichloroethane	1	U
19. 79-01-6	Trichloroethene	1	U
20. 78-87-5	1,2 Dichloropropane	1	U
21. 75-27-4	Bromodichloromethane	1	U
22. 10061-01-5	c-1,3Dichloropropene	1	U
23. 108-10-1	Methyl Isobutyl Ketone	10	U
24. 108-88-3	Toluene	1	U
25. 10061-02-6	t-1,3Dichloropropene	1	U
26. 79-00-5	112 Trichloroethane	1	U
27. 591-78-6	2-Hexanone	10	U
28. 127-18-4	Tetrachloroethene	1	U
29. 124-48-1	Chlorodibromomethane	1	U
30. 108-90-7	Chlorobenzene	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

water blank

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: water blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200916.D

Level: (low/med) _____ Date Received: na

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 100-41-4	Ethyl Benzene	1	U
2.	m + p-Xylene	2	U
3. 095-47-7	o-Xylene	1	U
4. 100-42-5	Styrene	1	U
5. 075-25-2	Bromoform	1	U
6. 079-34-5	1,1,2,2- Tetrachloroethane	1	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

antifoam blank

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: antifoam blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200917.D

Level: (low/med) _____ Date Received: na

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 74-87-3	Chloromethane	1	U
2. 75-01-4	Vinyl Chloride	1	U
3. 74-83-9	Bromomethane	1	U
4. 75-00-3	Chloroethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-35-4	1,1 Dichloroethene	1	U
7. 067-64-1	Acetone	10	U
8. 75-09-2	Methylene Chloride	1	U
9. 075-15-0	Carbon Disulfide	1	U
10. 156-60-5	t-1,2-Dichloroethene	1	U
11. 75-34-3	1,1 Dichloroethane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 078-93-3	Methyl Ethyl Ketone	10	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 071-43-2	Benzene	1	U
18. 107-06-2	1,2 Dichloroethane	1	U
19. 79-01-6	Trichloroethene	1	U
20. 78-87-5	1,2 Dichloropropane	1	U
21. 75-27-4	Bromodichloromethane	1	U
22. 10061-01-5	c-1,3Dichloropropene	1	U
23. 108-10-1	Methyl Isobutyl Ketone	10	U
24. 108-88-3	Toluene	1	U
25. 10061-02-6	t-1,3Dichloropropene	1	U
26. 79-00-5	112 Trichloroethane	1	U
27. 591-78-6	2-Hexanone	10	U
28. 127-18-4	Tetrachloroethene	1	U
29. 124-48-1	Chlorodibromomethane	1	U
30. 108-90-7	Chlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

antifoam blank

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: antifoam blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200917.D

Level: (low/med) _____ Date Received: na

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 100-41-4	Ethyl Benzene	1	U
2.	m + p-Xylene	2	U
3. 095-47-7	o-Xylene	1	U
4. 100-42-5	Styrene	1	U
5. 075-25-2	Bromoform	1	U
6. 079-34-5	1,1,2,2- Tetrachloroethane	1	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.01

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 291490.01

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200926.D

Level: (low/med) _____ Date Received: 4/17/09

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 74-87-3	Chloromethane	1	U
2. 75-01-4	Vinyl Chloride	1	U
3. 74-83-9	Bromomethane	1	U
4. 75-00-3	Chloroethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-35-4	1,1 Dichloroethene	1	U
7. 067-64-1	Acetone	10	U
8. 75-09-2	Methylene Chloride	1	U
9. 075-15-0	Carbon Disulfide	1	U
10. 156-60-5	t-1,2-Dichloroethene	1	U
11. 75-34-3	1,1 Dichloroethane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 078-93-3	Methyl Ethyl Ketone	10	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 071-43-2	Benzene	1	U
18. 107-06-2	1,2 Dichloroethane	1	U
19. 79-01-6	Trichloroethene	1	U
20. 78-87-5	1,2 Dichloropropane	1	U
21. 75-27-4	Bromodichloromethane	1	U
22. 10061-01-5	c-1,3Dichloropropene	1	U
23. 108-10-1	Methyl Isobutyl Ketone	10	U
24. 108-88-3	Toluene	1	U
25. 10061-02-6	t-1,3Dichloropropene	1	U
26. 79-00-5	112 Trichloroethane	1	U
27. 591-78-6	2-Hexanone	10	U
28. 127-18-4	Tetrachloroethene	1	U
29. 124-48-1	Chlorodibromomethane	1	U
30. 108-90-7	Chlorobenzene	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.01

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 291490.01

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200926.D

Level: (low/med) _____ Date Received: 4/17/09

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 100-41-4	Ethyl Benzene	1	U
2.	m + p-Xylene	2	U
3. 095-47-7	o-Xylene	1	U
4. 100-42-5	Styrene	1	U
5. 075-25-2	Bromoform	1	U
6. 079-34-5	1,1,2,2- Tetrachloroethane	1	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.03

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 291490.03

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200927.D

Level: (low/med) _____ Date Received: 4/17/09

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 74-87-3	Chloromethane	1	U
2. 75-01-4	Vinyl Chloride	1	U
3. 74-83-9	Bromomethane	1	U
4. 75-00-3	Chloroethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-35-4	1,1 Dichloroethene	1	U
7. 067-64-1	Acetone	10	U
8. 75-09-2	Methylene Chloride	1	U
9. 075-15-0	Carbon Disulfide	1	U
10. 156-60-5	t-1,2-Dichloroethene	1	U
11. 75-34-3	1,1 Dichloroethane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 078-93-3	Methyl Ethyl Ketone	10	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 071-43-2	Benzene	1	U
18. 107-06-2	1,2 Dichloroethane	1	U
19. 79-01-6	Trichloroethene	1	U
20. 78-87-5	1,2 Dichloropropane	1	U
21. 75-27-4	Bromodichloromethane	1	U
22. 10061-01-5	c-1,3Dichloropropene	1	U
23. 108-10-1	Methyl Isobutyl Ketone	10	U
24. 108-88-3	Toluene	1	U
25. 10061-02-6	t-1,3Dichloropropene	1	U
26. 79-00-5	112 Trichloroethane	1	U
27. 591-78-6	2-Hexanone	10	U
28. 127-18-4	Tetrachloroethene	1	U
29. 124-48-1	Chlorodibromomethane	1	U
30. 108-90-7	Chlorobenzene	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.03

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 291490.03

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200927.D

Level: (low/med) _____ Date Received: 4/17/09

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 100-41-4	Ethyl Benzene	1	U
2.	m + p-Xylene	2	U
3. 095-47-7	o-Xylene	1	U
4. 100-42-5	Styrene	1	U
5. 075-25-2	Bromoform	1	U
6. 079-34-5	1,1,2,2- Tetrachloroethane	1	U
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.05

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: Trip blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200918.D

Level: (low/med) _____ Date Received: 4/17/09

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 74-87-3	Chloromethane	1	U
2. 75-01-4	Vinyl Chloride	1	U
3. 74-83-9	Bromomethane	1	U
4. 75-00-3	Chloroethane	1	U
5. 75-00-3	Chloroethane	1	U
6. 75-35-4	1,1 Dichloroethene	1	U
7. 067-64-1	Acetone	10	U
8. 75-09-2	Methylene Chloride	1	U
9. 075-15-0	Carbon Disulfide	1	U
10. 156-60-5	t-1,2-Dichloroethene	1	U
11. 75-34-3	1,1 Dichloroethane	1	U
12. 156-59-2	c-1,2-Dichloroethene	1	U
13. 078-93-3	Methyl Ethyl Ketone	10	U
14. 67-66-3	Chloroform	1	U
15. 71-55-6	111 Trichloroethane	1	U
16. 56-23-5	Carbon Tetrachloride	1	U
17. 071-43-2	Benzene	1	U
18. 107-06-2	1,2 Dichloroethane	1	U
19. 79-01-6	Trichloroethene	1	U
20. 78-87-5	1,2 Dichloropropane	1	U
21. 75-27-4	Bromodichloromethane	1	U
22. 10061-01-5	c-1,3Dichloropropene	1	U
23. 108-10-1	Methyl Isobutyl Ketone	10	U
24. 108-88-3	Toluene	1	U
25. 10061-02-6	t-1,3Dichloropropene	1	U
26. 79-00-5	112 Trichloroethane	1	U
27. 591-78-6	2-Hexanone	10	U
28. 127-18-4	Tetrachloroethene	1	U
29. 124-48-1	Chlorodibromomethane	1	U
30. 108-90-7	Chlorobenzene	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.05

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: Trip blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200918.D

Level: (low/med) _____ Date Received: 4/17/09

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	CONC.	Q
1. 100-41-4	Ethyl Benzene	1	U
2.	m + p-Xylene	2	U
3. 095-47-7	o-Xylene	1	U
4. 100-42-5	Styrene	1	U
5. 075-25-2	Bromoform	1	U
6. 079-34-5	1,1,2,2- Tetrachloroethane	1	U
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30.			

Raw Data

-Method Blanks
-Samples
-Standard Spectra
-Matrix Spikes/Matrix Spike Duplicates
-Reference Samples
-Initial Calibration
-Continuing Calibration
-Tentatively Identified Compounds

Method blanks

Summary Reports
Quant Reports and Chomatogarams
Spectra for positive hits.

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

water blank

Lab Name: Ecotest Labs, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab File ID: 04200907.D Lab Sample ID: water blank

Date Analyzed: 4/20/09 Time Analyzed: 12:54

GC Column: J&W DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMSV#4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	291475.17 5ml	Trip Blank	04200908.D	13:14
02	291475.01 5ml	Sample	04200909.D	13:35
03	reference 10ug/L	Second Source Refere	04200912.D	14:30
04	291475.01 5ml +20MS	Matrix Spike	04200913.D	14:51
05	291475.01 5ml +20MSD	Matrix Spike Duplicate	04200914.D	15:11
06				
07				
08				
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COMMENTS:

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200907.D Vial: 7
Acq On : 20 Apr 2009 12:54 pm Operator:
Sample : blank Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 13:30:04 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.38	168	3441722	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.93	114	4877835	50.00	ug/L	0.00
42) chlorobenzene-d5	6.21	82	3162465	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	8.13	152	3581472	50.00	ug/L	0.00
System Monitoring Compounds						
27) 1,2-dichloroethane-d4	3.38	102	355898	48.08	ug/L	0.00
37) toluene-d8	5.17	98	6577781	50.02	ug/L	0.00
41) 4-bromofluorobenzene	7.14	174	2693573	48.50	ug/L	0.00
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chlorodifluoromethane	0.00	51	0	N.D.		
4) chloromethane	0.00	50	0	N.D.		
5) vinyl chloride	0.00	62	0	N.D.		
6) bromomethane	0.00	96	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) freon	0.00	151	0	N.D.		
10) acetone	0.00	58	0	N.D.		
11) 1,1-dichloroethene	0.00	96	0	N.D.		
12) methylene chloride	2.08	84	9856	0.28	ug/L #	54
13) carbon disulfide	2.20	76	13126	0.15	ug/L #	77
14) tert-butylmethylether	0.00	73	0	N.D.		
15) trans-1,2-dichloroethene	0.00	96	0	N.D.		
16) vinyl acetate	0.00	43	0	N.D.		
17) 1,1-dichloroethane	0.00	63	0	N.D.		
18) methyl ethyl ketone	0.00	72	0	N.D.		
19) 2,2-dichloropropane	0.00	77	0	N.D.		
20) cis-1,2-dichloroethene	0.00	96	0	N.D.		
21) chloroform	3.02	83	9525m	0.13	ug/L	
22) bromochloromethane	0.00	128	0	N.D.		
23) 1,1,1-trichloroethane	0.00	97	0	N.D.		
25) 1,1-dichloropropene	0.00	75	0	N.D.		
26) carbon tetrachloride	0.00	119	0	N.D.		
28) 1,2-dichloroethane	3.42	62	1784	N.D.		
29) benzene	3.89	78	604	N.D.		
30) trichloroethene	0.00	95	0	N.D.		
31) 1,2-dichloropropane	0.00	63	0	N.D.		
32) bromodichloromethane	0.00	83	0	N.D.		
33) dibromomethane	0.00	93	0	N.D.		
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	0.00	43	0	N.D.		
36) cis-1,3-dichloropropene	0.00	75	0	N.D.		
38) toluene	5.23	91	5784	N.D.		
39) trans-1,3-dichloropropene	4.98	75	1619	N.D.		
40) 1,1,2-trichloroethane	0.00	83	0	N.D.		
43) 2-hexanone	0.00	43	0	N.D.		
44) 1,3-dichloropropane	5.25	76	0	N.D.		
45) tetrachloroethene	0.00	166	0	N.D.		
46) dibromochloromethane	0.00	129	0	N.D.		
47) 1,2-dibromoethane	0.00	107	0	N.D.		
48) chlorobenzene	0.00	112	0	N.D.		
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
50) ethylbenzene	6.40	91	10470	N.D.		
51) m+p xylene	6.54	106	2284	N.D.		
52) o-xylene	6.84	106	2178	N.D.		
53) styrene	0.00	104	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200907.D Vial: 7
Acq On : 20 Apr 2009 12:54 pm Operator:
Sample : blank Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 13:30:04 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

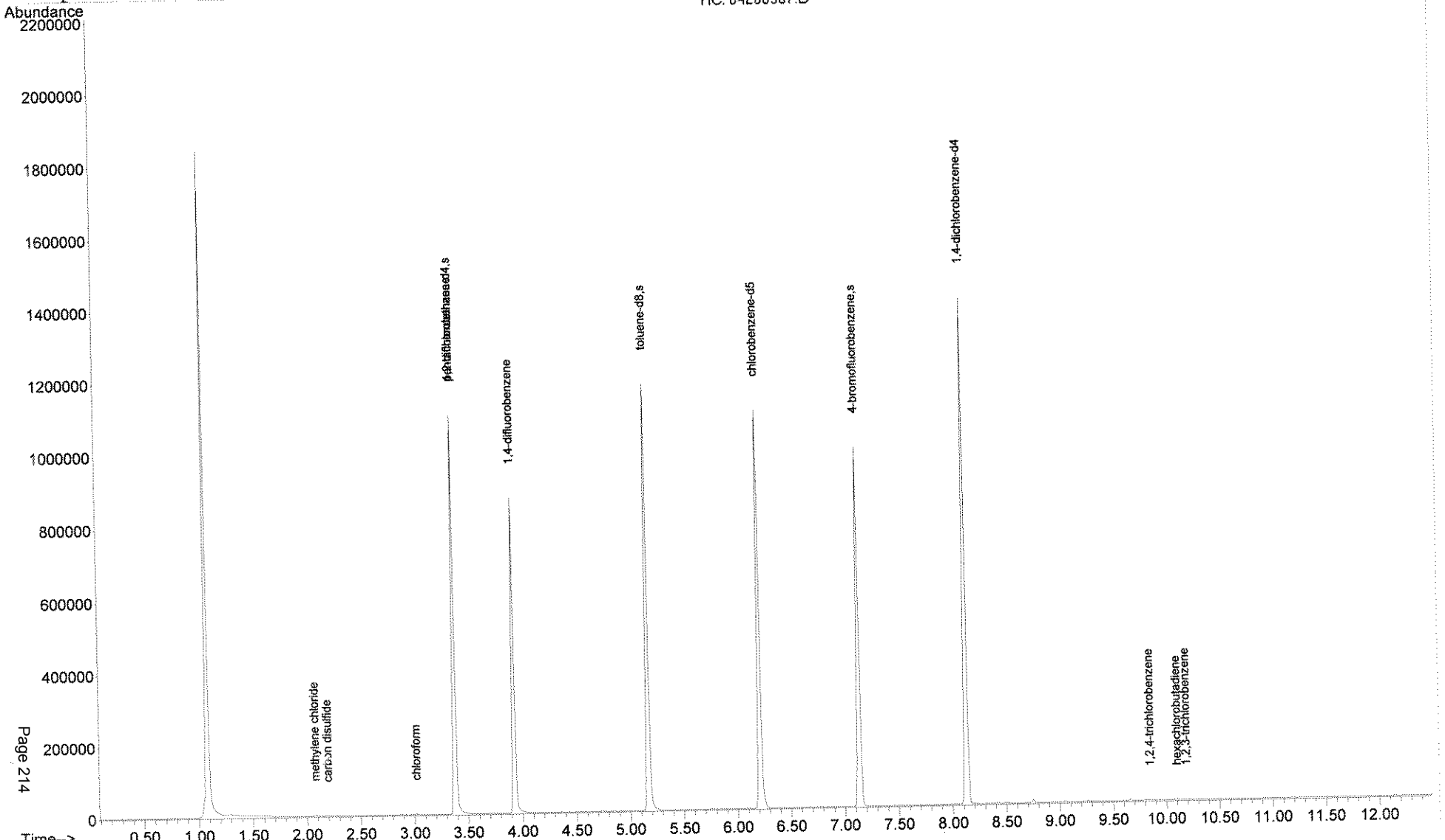
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	0.00	173	0	N.D.	
56) isopropylbenzene	7.13	105	4578	N.D.	
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
58) 1,2,3-trichloropropane	0.00	75	0	N.D.	
59) n-propylbenzene	7.45	91	10694	N.D.	
60) bromobenzene	0.00	156	0	N.D.	
61) p-ethyltoluene	0.00	105	0	N.D.	
62) 1,3,5-trimethylbenzene	0.00	120	0	N.D.	
63) 2-chlorotoluene	0.00	126	0	N.D.	
64) 4-chlorotoluene	0.00	126	0	N.D.	
65) tert-butylbenzene	0.00	134	0	N.D.	
66) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
67) sec-butylbenzene	0.00	105	0	N.D.	
68) 4-isopropyltoluene	0.00	119	0	N.D.	
69) 1,3-dichlorobenzene	0.00	146	0	N.D.	
70) 1,4-dichlorobenzene	0.00	146	0	N.D.	
71) 1,2,3-trimethylbenzene	0.00	105	0	N.D.	
72) n-butylbenzene	8.52	92	5396	N.D.	
73) p-diethylbenzene	8.51	119	4797	N.D.	
74) 1,2-dichlorobenzene	8.41	146	2485	N.D.	
75) 1,2,4,5-tetramethylbenzene	9.26	119	8557	N.D.	
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.	
77) 1,2,4-trichlorobenzene	9.85	180	5421m	0.13 ug/L	
78) hexachlorobutadiene	10.10	225	5035m	0.23 ug/L	
79) naphthalene	10.03	128	6622	N.D.	
80) 1,2,3-trichlorobenzene	10.19	180	5033m	0.15 ug/L	

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

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200907.D Vial: 7
Acq On : 20 Apr 2009 12:54 pm Operator:
Sample : blank Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 13:31 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW042409.M (Chemstation Integrator)
Title :
Last Update : Mon Apr 27 10:40:35 2009
Response via : Initial Calibration

TIC: 04200907.D



04200907.D VW042409.M Tue Apr 28 17:04:02 2009 GCMSV4

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

water blank

Lab Name: Ecotest Labs, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab File ID: 04200916.D Lab Sample ID: water blank

Date Analyzed: 4/20/09 Time Analyzed: 15:53

GC Column: J&W DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMSV#4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	antifoam blank {af}	antifoam blank	04200917.D	16:13
02	291490.05 5ml	Trip Blank	04200918.D	16:34
03	291475.09 5ml	Sample	04200919.D	16:55
04	291475.11 5ml	Sample (Duplicate)	04200920.D	17:15
05	291475.07 5ml	Sample	04200921.D	17:40
06	291475.13 5ml	Sample	04200922.D	18:00
07	291475.15 5ml	Sample	04200923.D	18:21
08	291489.01 5ml	Sample	04200924.D	18:42
09	291489.02 5ml	Sample	04200925.D	19:02
10	291490.01 5ml	Sample	04200926.D	19:23
11	291490.03 5ml	Sample	04200927.D	19:43
12				
13				
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COMMENTS:

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200916.D Vial: 16
Acq On : 20 Apr 2009 3:53 pm Operator:
Sample : blank Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 16:07:12 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	3.38	168	3529273	50.00 ug/L	0.00
24) 1,4-difluorobenzene	3.93	114	4915138	50.00 ug/L	0.00
42) chlorobenzene-d5	6.21	82	3250631	50.00 ug/L	0.00
55) 1,4-dichlorobenzene-d4	8.13	152	3639865	50.00 ug/L	0.00
System Monitoring Compounds					
27) 1,2-dichloroethane-d4	3.38	102	380110	50.96 ug/L	0.00
37) toluene-d8	5.17	98	6663897	50.29 ug/L	0.00
41) 4-bromofluorobenzene	7.14	174	2750678	49.15 ug/L	0.00
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chlorodifluoromethane	0.00	51	0	N.D.	
4) chloromethane	0.00	50	0	N.D.	
5) vinyl chloride	1.32	62	3613	N.D.	
6) bromomethane	1.49	96	4158m	0.27 ug/L	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) freon	0.00	151	0	N.D.	
10) acetone	1.82	58	7668m	2.07 ug/L	
11) 1,1-dichloroethene	2.01	96	950	N.D.	
12) methylene chloride	2.08	84	7158m	0.20 ug/L	
13) carbon disulfide	2.20	76	25039	0.27 ug/L #	77
14) tert-butylmethylether	0.00	73	0	N.D.	
15) trans-1,2-dichloroethene	0.00	96	0	N.D.	
16) vinyl acetate	0.00	43	0	N.D.	
17) 1,1-dichloroethane	0.00	63	0	N.D.	
18) methyl ethyl ketone	0.00	72	0	N.D.	
19) 2,2-dichloropropane	0.00	77	0	N.D.	
20) cis-1,2-dichloroethene	0.00	96	0	N.D.	
21) chloroform	3.03	83	8052m	0.11 ug/L	
22) bromochloromethane	0.00	128	0	N.D.	
23) 1,1,1-trichloroethane	0.00	97	0	N.D.	
25) 1,1-dichloropropene	0.00	75	0	N.D.	
26) carbon tetrachloride	0.00	119	0	N.D.	
28) 1,2-dichloroethane	3.42	62	1520	N.D.	
29) benzene	3.76	78	3396	N.D.	
30) trichloroethene	0.00	95	0	N.D.	
31) 1,2-dichloropropane	0.00	63	0	N.D.	
32) bromodichloromethane	4.21	83	4487	N.D.	
33) dibromomethane	0.00	93	0	N.D.	
34) 2-chloroethylvinylether	0.00	63	0	N.D.	
35) 4-methyl-2-pentanone	4.77	43	9831	0.17 ug/L #	49
36) cis-1,3-dichloropropene	0.00	75	0	N.D.	
38) toluene	5.22	91	7170	N.D.	
39) trans-1,3-dichloropropene	4.97	75	2205	N.D.	
40) 1,1,2-trichloroethane	0.00	83	0	N.D.	
43) 2-hexanone	5.40	43	8555	0.22 ug/L #	40
44) 1,3-dichloropropane	5.25	76	921	N.D.	
45) tetrachloroethene	5.74	166	4395	N.D.	
46) dibromochloromethane	5.44	129	1134	N.D.	
47) 1,2-dibromoethane	0.00	107	0	N.D.	
48) chlorobenzene	0.00	112	0	N.D.	
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
50) ethylbenzene	6.41	91	7961	N.D.	
51) m+p xylene	6.54	106	4704	N.D.	
52) o-xylene	6.85	106	2776	N.D.	
53) styrene	6.78	104	1819	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200916.D Vial: 16
Acq On : 20 Apr 2009 3:53 pm Operator:
Sample : blank Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 16:07:12 2009 Quant Results File: VW041509.RES

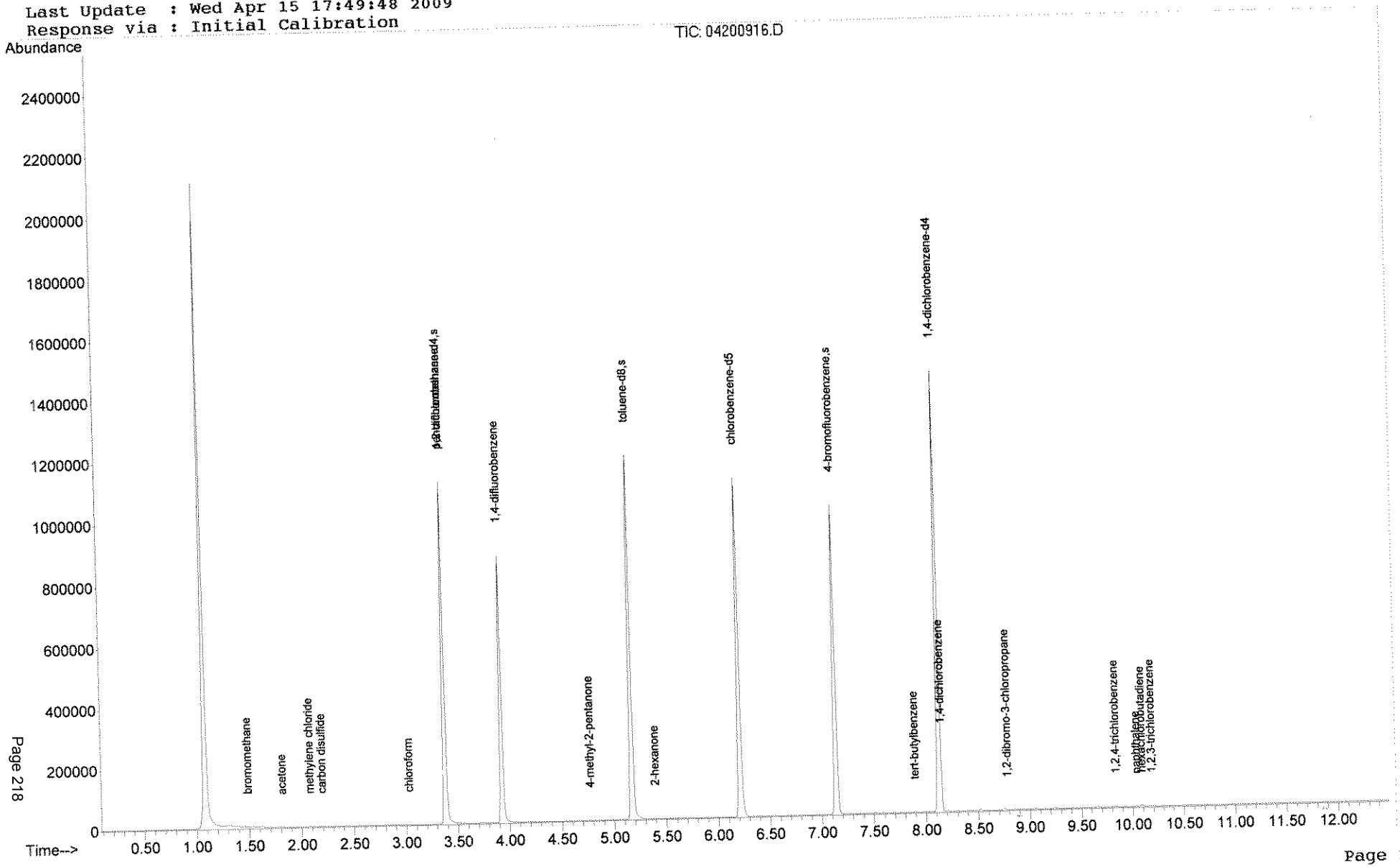
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	0.00	173	0	N.D.	
56) isopropylbenzene	7.13	105	11713	N.D.	
57) 1,1,2,2-tetrachloroethane	6.83	83	1432	N.D.	
58) 1,2,3-trichloropropane	0.00	75	0	N.D.	
59) n-propylbenzene	7.45	91	10472	N.D.	
60) bromobenzene	7.28	156	4242	N.D.	
61) p-ethyltoluene	7.59	105	8708	N.D.	
62) 1,3,5-trimethylbenzene	7.68	120	2579	N.D.	
63) 2-chlorotoluene	7.51	126	1868	N.D.	
64) 4-chlorotoluene	7.58	126	4820	N.D.	
65) tert-butylbenzene	7.90	134	3324m	0.11 ug/L	
66) 1,2,4-trimethylbenzene	7.98	105	5891	N.D.	
67) sec-butylbenzene	8.06	105	8368	N.D.	
68) 4-isopropyltoluene	8.21	119	8095	N.D.	
69) 1,3-dichlorobenzene	8.10	146	7670	N.D.	
70) 1,4-dichlorobenzene	8.15	146	11230m	0.11 ug/L	
71) 1,2,3-trimethylbenzene	8.31	105	8660	N.D.	
72) n-butylbenzene	8.52	92	6916	N.D.	
73) p-diethylbenzene	8.52	119	5494	N.D.	
74) 1,2-dichlorobenzene	8.41	146	8066	N.D.	
75) 1,2,4,5-tetramethylbenzene	9.25	119	12865	N.D.	
76) 1,2-dibromo-3-chloropropan	8.78	157	1861m	0.17 ug/L	
77) 1,2,4-trichlorobenzene	9.84	180	8080m	0.19 ug/L	
78) hexachlorobutadiene	10.09	225	13160m	0.59 ug/L	
79) naphthalene	10.03	128	13491	0.14 ug/L #	71
80) 1,2,3-trichlorobenzene	10.19	180	6566m	0.20 ug/L	

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

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200916.D Vial: 16
Acq On : 20 Apr 2009 3:53 pm Operator:
Sample : blank Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 16:09 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



04200916.D VW041509.M Tue Apr 28 17:04:16 2009 GCMSV4

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

antifoam blank

Lab Name: Ecotest Labs, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab File ID: 04200917.D Lab Sample ID: antifoam blank

Date Analyzed: 4/20/09 Time Analyzed: 16:13

GC Column: J&W DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMSV#4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	291475.01 5ml +20MS	Matrix Spike	04200913.D	14:51
02	291475.01 5ml +20MSD	Matrix Spike Duplicate	04200914.D	15:11
03				
04				
05				
06				
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COMMENTS:

50ul antifoam solution in water, the same amount was added to MS & MSD, to minimize foaming

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200917.D Vial: 17
Acq On : 20 Apr 2009 4:13 pm Operator:
Sample : antifoam blank {af} Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 16:32:11 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	3.38	168	3415259	50.00 ug/L	0.00
24) 1,4-difluorobenzene	3.93	114	4833130	50.00 ug/L	0.00
42) chlorobenzene-d5	6.21	82	3164802	50.00 ug/L	0.00
55) 1,4-dichlorobenzene-d4	8.13	152	3730163	50.00 ug/L	0.00
System Monitoring Compounds					
27) 1,2-dichloroethane-d4	3.38	102	344788	47.01 ug/L	0.00
37) toluene-d8	5.17	98	6531529	50.13 ug/L	0.00
41) 4-bromofluorobenzene	7.14	174	2678225	48.67 ug/L	0.00
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chlorodifluoromethane	0.00	51	0	N.D.	
4) chloromethane	0.00	50	0	N.D.	
5) vinyl chloride	1.32	62	2822	N.D.	
6) bromomethane	1.47	96	2496m	0.17 ug/L	
7) chloroethane	0.00	64	0	N.D. d	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) freon	0.00	151	0	N.D.	
10) acetone	1.81	58	7973m	2.23 ug/L	
11) 1,1-dichloroethene	0.00	96	0	N.D.	
12) methylene chloride	2.08	84	15818	0.45 ug/L #	71
13) carbon disulfide	2.20	76	19043m	0.21 ug/L	
14) tert-butylmethylether	0.00	73	0	N.D.	
15) trans-1,2-dichloroethene	0.00	96	0	N.D.	
16) vinyl acetate	0.00	43	0	N.D.	
17) 1,1-dichloroethane	0.00	63	0	N.D.	
18) methyl ethyl ketone	0.00	72	0	N.D.	
19) 2,2-dichloropropane	0.00	77	0	N.D.	
20) cis-1,2-dichloroethene	0.00	96	0	N.D.	
21) chloroform	3.03	83	8323m	0.11 ug/L	
22) bromochloromethane	0.00	128	0	N.D.	
23) 1,1,1-trichloroethane	0.00	97	0	N.D.	
25) 1,1-dichloropropene	0.00	75	0	N.D.	
26) carbon tetrachloride	0.00	119	0	N.D.	
28) 1,2-dichloroethane	3.40	62	3688	N.D.	
29) benzene	0.00	78	0	N.D.	
30) trichloroethene	0.00	95	0	N.D.	
31) 1,2-dichloropropane	0.00	63	0	N.D.	
32) bromodichloromethane	0.00	83	0	N.D.	
33) dibromomethane	0.00	93	0	N.D.	
34) 2-chloroethylvinylether	0.00	63	0	N.D.	
35) 4-methyl-2-pentanone	0.00	43	0	N.D.	
36) cis-1,3-dichloropropene	0.00	75	0	N.D.	
38) toluene	5.23	91	7468	N.D.	
39) trans-1,3-dichloropropene	0.00	75	0	N.D.	
40) 1,1,2-trichloroethane	0.00	83	0	N.D.	
43) 2-hexanone	0.00	43	0	N.D.	
44) 1,3-dichloropropane	5.25	76	2284	N.D.	
45) tetrachloroethene	0.00	166	0	N.D.	
46) dibromochloromethane	5.43	129	2976	N.D.	
47) 1,2-dibromoethane	0.00	107	0	N.D.	
48) chlorobenzene	0.00	112	0	N.D.	
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
50) ethylbenzene	6.40	91	3203	N.D.	
51) m+p xylene	6.56	106	5028	N.D.	
52) o-xylene	6.84	106	1456	N.D.	
53) styrene	0.00	104	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200917.D Vial: 17
Acq On : 20 Apr 2009 4:13 pm Operator:
Sample : antifoam blank {af} Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 16:32:11 2009 Quant Results File: VW041509.RES

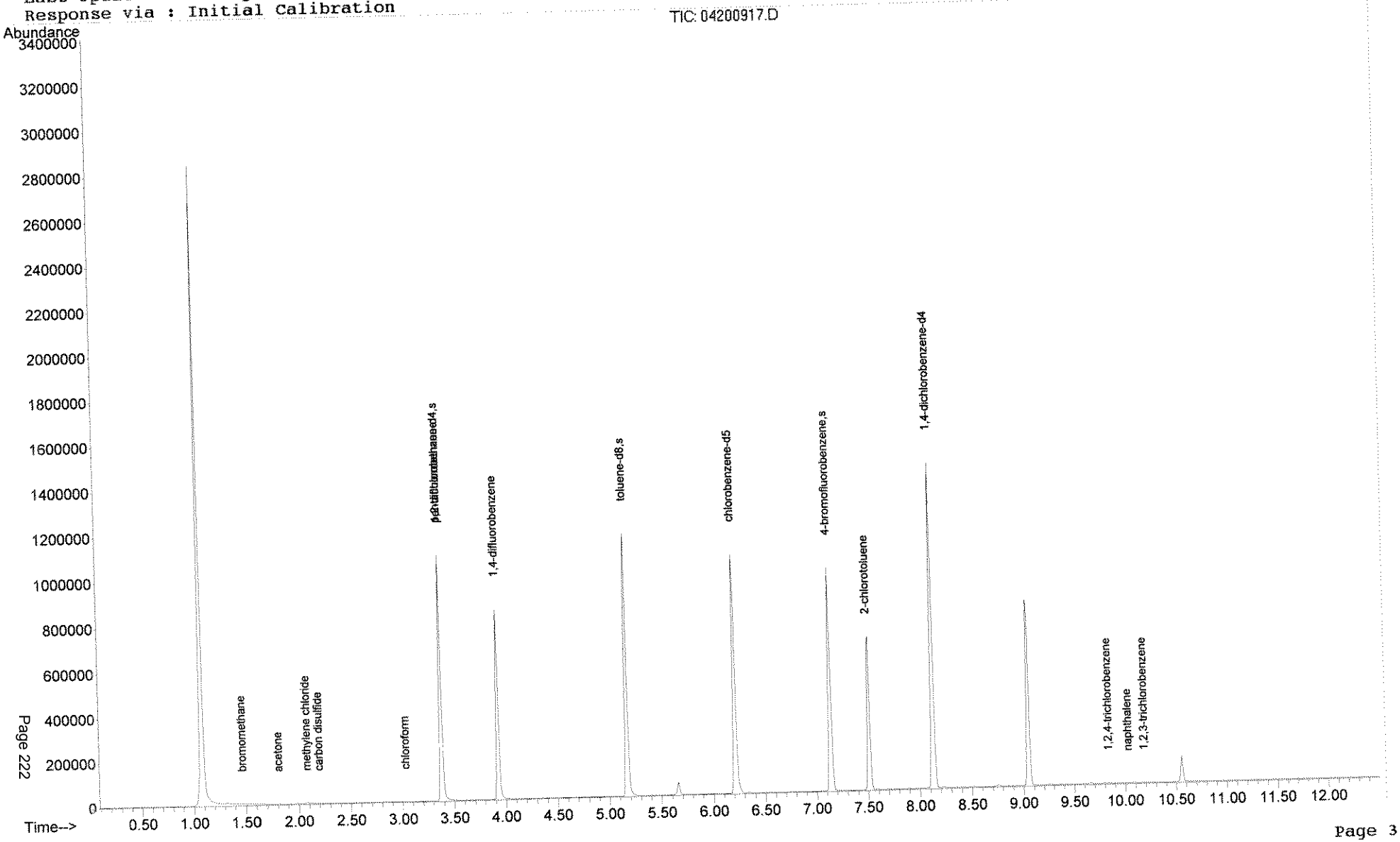
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	0.00	173	0	N.D.	
56) isopropylbenzene	7.14	105	7503	N.D.	
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
58) 1,2,3-trichloropropane	0.00	75	0	N.D.	
59) n-propylbenzene	7.52	91	11118	N.D.	
60) bromobenzene	0.00	156	0	N.D.	
61) p-ethyltoluene	7.58	105	9658	N.D.	
62) 1,3,5-trimethylbenzene	7.70	120	1231	N.D.	
63) 2-chlorotoluene	7.50	126	15735	0.34 ug/L #	1
64) 4-chlorotoluene	7.57	126	1522	N.D.	
65) tert-butylbenzene	0.00	134	0	N.D.	
66) 1,2,4-trimethylbenzene	7.99	105	2326	N.D.	
67) sec-butylbenzene	0.00	105	0	N.D.	
68) 4-isopropyltoluene	0.00	119	0	N.D.	
69) 1,3-dichlorobenzene	0.00	146	0	N.D.	
70) 1,4-dichlorobenzene	0.00	146	0	N.D.	
71) 1,2,3-trimethylbenzene	8.30	105	4648	N.D.	
72) n-butylbenzene	8.52	92	4431	N.D.	
73) p-diethylbenzene	8.50	119	5680	N.D.	
74) 1,2-dichlorobenzene	8.40	146	3945	N.D.	
75) 1,2,4,5-tetramethylbenzene	9.26	119	10406	N.D.	
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.	
77) 1,2,4-trichlorobenzene	9.84	180	8183m	0.19 ug/L	
78) hexachlorobutadiene	0.00	225	0	N.D.	
79) naphthalene	10.03	128	15031m	0.16 ug/L	
80) 1,2,3-trichlorobenzene	10.19	180	6314m	0.19 ug/L	

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

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200917.D Vial: 17
Acq On : 20 Apr 2009 4:13 pm Operator:
Sample : antifoam blank {af} Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 21 10:50 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Samples

Quant Reports and Chromatograms
Spectra for positive Hits

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200926.D Vial: 26
Acq On : 20 Apr 2009 7:23 pm Operator:
Sample : 291490.01 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 21 11:00:09 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	3.38	168	3180628	50.00 ug/L	0.00
24) 1,4-difluorobenzene	3.93	114	4534068	50.00 ug/L	0.00
42) chlorobenzene-d5	6.21	82	2922305	50.00 ug/L	0.00
55) 1,4-dichlorobenzene-d4	8.13	152	3286058	50.00 ug/L	0.00
System Monitoring Compounds					
27) 1,2-dichloroethane-d4	3.39	102	340423	49.48 ug/L	0.00
37) toluene-d8	5.17	98	6027658	49.31 ug/L	0.00
41) 4-bromofluorobenzene	7.14	174	2454191	47.54 ug/L	0.00
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chlorodifluoromethane	1.15	51	3964	N.D.	
4) chloromethane	0.00	50	0	N.D.	
5) vinyl chloride	0.00	62	0	N.D.	
6) bromomethane	0.00	96	0	N.D.	
7) chloroethane	0.00	64	0	N.D. d	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) freon	0.00	151	0	N.D.	
10) acetone	0.00	58	0	N.D.	
11) 1,1-dichloroethene	0.00	96	0	N.D.	
12) methylene chloride	0.00	84	0	N.D.	
13) carbon disulfide	2.19	76	18354m	0.22 ug/L	
14) tert-butylmethylether	0.00	73	0	N.D.	
15) trans-1,2-dichloroethene	0.00	96	0	N.D.	
16) vinyl acetate	0.00	43	0	N.D.	
17) 1,1-dichloroethane	0.00	63	0	N.D.	
18) methyl ethyl ketone	0.00	72	0	N.D.	
19) 2,2-dichloropropane	0.00	77	0	N.D.	
20) cis-1,2-dichloroethene	0.00	96	0	N.D.	
21) chloroform	0.00	83	0	N.D.	
22) bromochloromethane	0.00	128	0	N.D.	
23) 1,1,1-trichloroethane	0.00	97	0	N.D.	
25) 1,1-dichloropropene	0.00	75	0	N.D.	
26) carbon tetrachloride	0.00	119	0	N.D.	
28) 1,2-dichloroethane	3.44	62	1010	N.D.	
29) benzene	0.00	78	0	N.D.	
30) trichloroethene	0.00	95	0	N.D.	
31) 1,2-dichloropropane	0.00	63	0	N.D.	
32) bromodichloromethane	0.00	83	0	N.D.	
33) dibromomethane	0.00	93	0	N.D.	
34) 2-chloroethylvinylether	0.00	63	0	N.D.	
35) 4-methyl-2-pentanone	0.00	43	0	N.D.	
36) cis-1,3-dichloropropene	0.00	75	0	N.D.	
38) toluene	5.22	91	5464	N.D.	
39) trans-1,3-dichloropropene	0.00	75	0	N.D.	
40) 1,1,2-trichloroethane	0.00	83	0	N.D.	
43) 2-hexanone	0.00	43	0	N.D.	
44) 1,3-dichloropropane	5.25	76	1673	N.D.	
45) tetrachloroethene	0.00	166	0	N.D.	
46) dibromochloromethane	0.00	129	0	N.D.	
47) 1,2-dibromoethane	0.00	107	0	N.D.	
48) chlorobenzene	6.24	112	15986m	0.14 ug/L	
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
50) ethylbenzene	0.00	91	0	N.D.	
51) m+p xylene	0.00	106	0	N.D.	
52) o-xylene	0.00	106	0	N.D.	
53) styrene	0.00	104	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200926.D Vial: 26
Acq On : 20 Apr 2009 7:23 pm Operator:
Sample : 291490.01 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 21 11:00:09 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

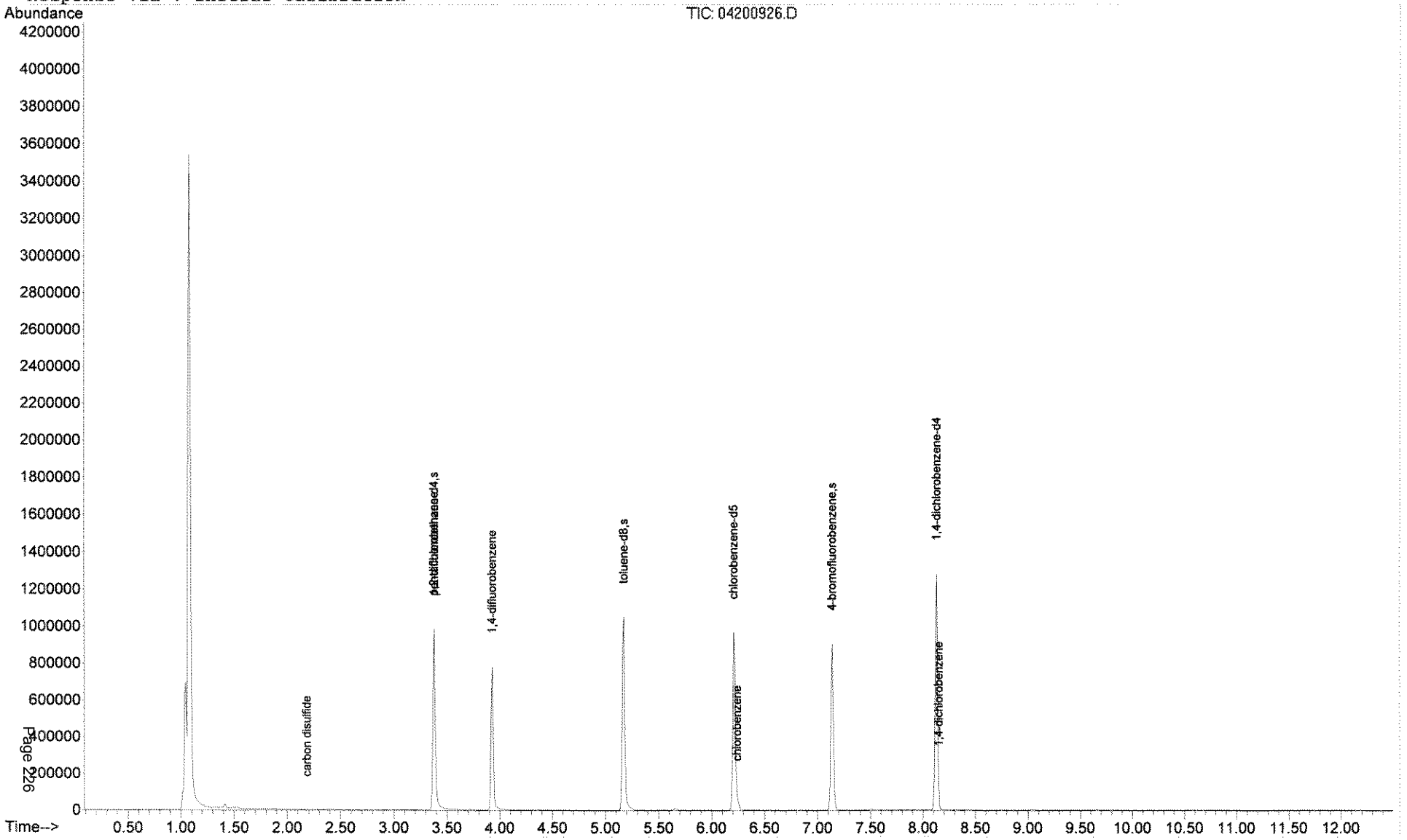
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54)	bromoform	0.00	173	0	N.D.	
56)	isopropylbenzene	0.00	105	0	N.D.	
57)	1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
58)	1,2,3-trichloropropane	0.00	75	0	N.D.	
59)	n-propylbenzene	0.00	91	0	N.D.	
60)	bromobenzene	0.00	156	0	N.D.	
61)	p-ethyltoluene	0.00	105	0	N.D.	
62)	1,3,5-trimethylbenzene	0.00	120	0	N.D.	
63)	2-chlorotoluene	0.00	126	0	N.D.	
64)	4-chlorotoluene	0.00	126	0	N.D.	
65)	tert-butylbenzene	0.00	134	0	N.D.	
66)	1,2,4-trimethylbenzene	0.00	105	0	N.D.	
67)	sec-butylbenzene	0.00	105	0	N.D.	
68)	4-isopropyltoluene	0.00	119	0	N.D.	
69)	1,3-dichlorobenzene	8.10	146	2682	N.D.	
70)	1,4-dichlorobenzene	8.15	146	20309m	0.22	ug/L
71)	1,2,3-trimethylbenzene	0.00	105	0	N.D.	
72)	n-butylbenzene	0.00	92	0	N.D.	
73)	p-diethylbenzene	0.00	119	0	N.D.	
74)	1,2-dichlorobenzene	8.42	146	4597	N.D.	
75)	1,2,4,5-tetramethylbenzene	0.00	119	0	N.D.	
76)	1,2-dibromo-3-chloropropan	0.00	157	0	N.D.	
77)	1,2,4-trichlorobenzene	0.00	180	0	N.D.	
78)	hexachlorobutadiene	0.00	225	0	N.D.	
79)	naphthalene	10.03	128	5434	N.D.	
80)	1,2,3-trichlorobenzene	0.00	180	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200926.D Vial: 26
Acq On : 20 Apr 2009 7:23 pm Operator:
Sample : 291490.01 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 21 11:01 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200927.D Vial: 27
Acq On : 20 Apr 2009 7:43 pm Operator:
Sample : 291490.03 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 21 11:01:36 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	3.38	168	3221261	50.00 ug/L	0.00
24) 1,4-difluorobenzene	3.93	114	4596922	50.00 ug/L	0.00
42) chlorobenzene-d5	6.21	82	3022759	50.00 ug/L	0.00
55) 1,4-dichlorobenzene-d4	8.13	152	3358136	50.00 ug/L	0.00
System Monitoring Compounds					
27) 1,2-dichloroethane-d4	3.38	102	357415	51.24 ug/L	0.00
37) toluene-d8	5.17	98	6094886	49.18 ug/L	0.00
41) 4-bromofluorobenzene	7.14	174	2538341	48.50 ug/L	0.00
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chlorodifluoromethane	0.00	51	0	N.D.	
4) chloromethane	0.00	50	0	N.D.	
5) vinyl chloride	0.00	62	0	N.D.	
6) bromomethane	0.00	96	0	N.D.	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) freon	0.00	151	0	N.D.	
10) acetone	1.80	58	10798m	3.20 ug/L	
11) 1,1-dichloroethene	0.00	96	0	N.D.	
12) methylene chloride	0.00	84	0	N.D.	
13) carbon disulfide	2.20	76	11062	0.13 ug/L #	77
14) tert-butylmethylether	0.00	73	0	N.D.	
15) trans-1,2-dichloroethene	0.00	96	0	N.D.	
16) vinyl acetate	0.00	43	0	N.D.	
17) 1,1-dichloroethane	0.00	63	0	N.D.	
18) methyl ethyl ketone	0.00	72	0	N.D.	
19) 2,2-dichloropropane	0.00	77	0	N.D.	
20) cis-1,2-dichloroethene	0.00	96	0	N.D.	
21) chloroform	0.00	83	0	N.D.	
22) bromochloromethane	0.00	128	0	N.D.	
23) 1,1,1-trichloroethane	0.00	97	0	N.D.	
25) 1,1-dichloropropene	0.00	75	0	N.D.	
26) carbon tetrachloride	0.00	119	0	N.D.	
28) 1,2-dichloroethane	3.43	62	648	N.D.	
29) benzene	3.98	78	1457	N.D.	
30) trichloroethene	0.00	95	0	N.D.	
31) 1,2-dichloropropane	0.00	63	0	N.D.	
32) bromodichloromethane	0.00	83	0	N.D.	
33) dibromomethane	0.00	93	0	N.D.	
34) 2-chloroethylvinylether	0.00	63	0	N.D.	
35) 4-methyl-2-pentanone	0.00	43	0	N.D.	
36) cis-1,3-dichloropropene	0.00	75	0	N.D.	
38) toluene	5.18	91	4338	N.D.	
39) trans-1,3-dichloropropene	0.00	75	0	N.D.	
40) 1,1,2-trichloroethane	0.00	83	0	N.D.	
43) 2-hexanone	0.00	43	0	N.D.	
44) 1,3-dichloropropane	5.25	76	1588	N.D.	
45) tetrachloroethene	0.00	166	0	N.D.	
46) dibromochloromethane	0.00	129	0	N.D.	
47) 1,2-dibromoethane	0.00	107	0	N.D.	
48) chlorobenzene	0.00	112	0	N.D.	
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
50) ethylbenzene	0.00	91	0	N.D.	
51) m+p xylene	0.00	106	0	N.D.	
52) o-xylene	0.00	106	0	N.D.	
53) styrene	0.00	104	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200927.D Vial: 27
Acq On : 20 Apr 2009 7:43 pm Operator:
Sample : 291490.03 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 21 11:01:36 2009 Quant Results File: VW041509.RES

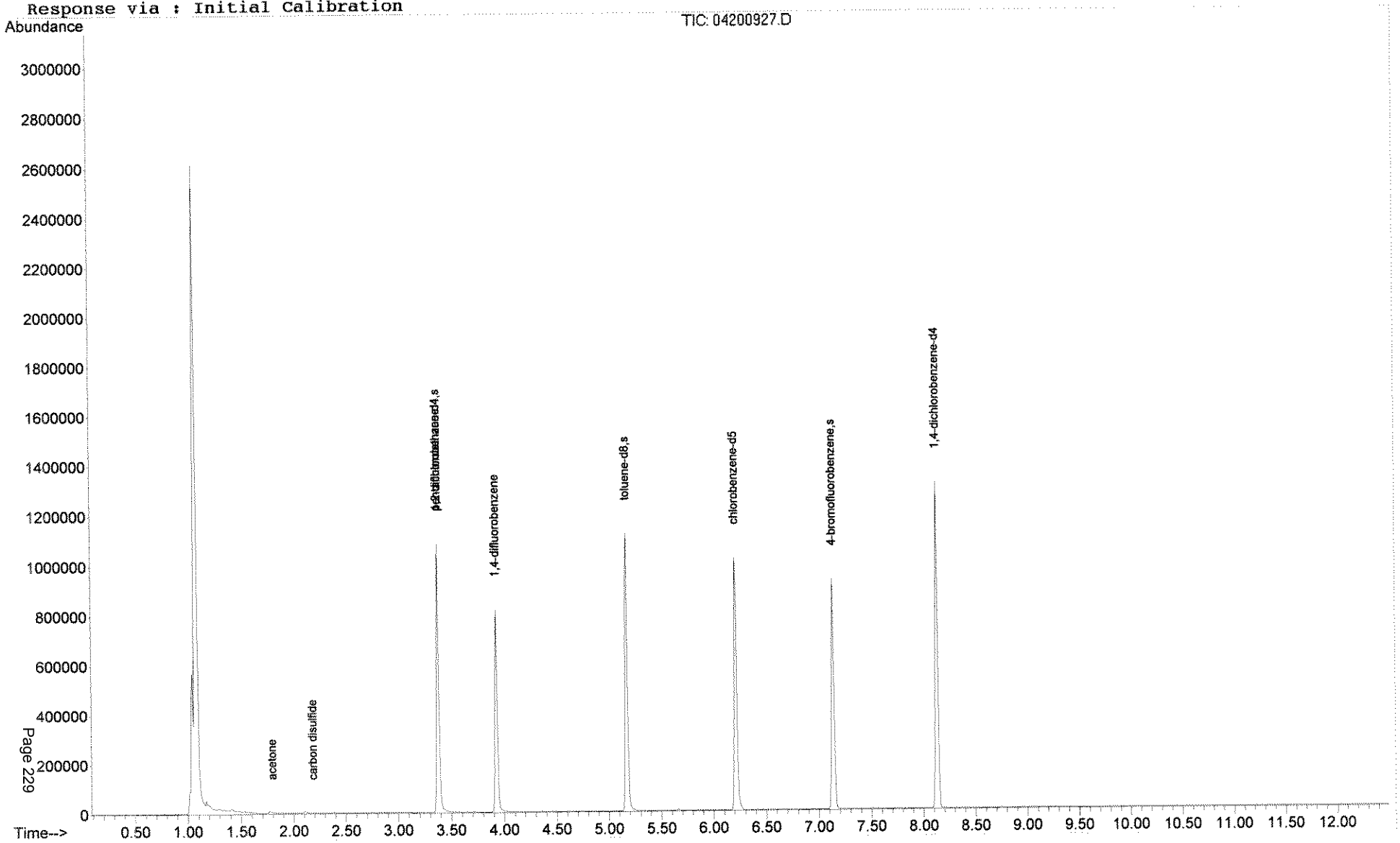
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	0.00	173	0	N.D.	
56) isopropylbenzene	0.00	105	0	N.D.	
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
58) 1,2,3-trichloropropane	0.00	75	0	N.D.	
59) n-propylbenzene	7.45	91	7028	N.D.	
60) bromobenzene	0.00	156	0	N.D.	
61) p-ethyltoluene	0.00	105	0	N.D.	
62) 1,3,5-trimethylbenzene	0.00	120	0	N.D.	
63) 2-chlorotoluene	0.00	126	0	N.D.	
64) 4-chlorotoluene	0.00	126	0	N.D.	
65) tert-butylbenzene	0.00	134	0	N.D.	
66) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
67) sec-butylbenzene	0.00	105	0	N.D.	
68) 4-isopropyltoluene	0.00	119	0	N.D.	
69) 1,3-dichlorobenzene	0.00	146	0	N.D.	
70) 1,4-dichlorobenzene	0.00	146	0	N.D.	
71) 1,2,3-trimethylbenzene	0.00	105	0	N.D.	
72) n-butylbenzene	0.00	92	0	N.D.	
73) p-diethylbenzene	0.00	119	0	N.D.	
74) 1,2-dichlorobenzene	0.00	146	0	N.D.	
75) 1,2,4,5-tetramethylbenzene	0.00	119	0	N.D.	
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.	
77) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
78) hexachlorobutadiene	0.00	225	0	N.D.	
79) naphthalene	0.00	128	0	N.D.	
80) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200927.D Vial: 27
Acq On : 20 Apr 2009 7:43 pm Operator:
Sample : 291490.03 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 21 11:02 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200918.D Vial: 18
Acq On : 20 Apr 2009 4:34 pm Operator:
Sample : 291490.05 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 28 17:07:00 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	3.38	168	3362883	50.00 ug/L	0.00
24) 1,4-difluorobenzene	3.93	114	4794924	50.00 ug/L	0.00
42) chlorobenzene-d5	6.21	82	3141256	50.00 ug/L	0.00
55) 1,4-dichlorobenzene-d4	8.13	152	3598117	50.00 ug/L	0.00
System Monitoring Compounds					
27) 1,2-dichloroethane-d4	3.38	102	356694	49.02 ug/L	0.00
37) toluene-d8	5.17	98	6444621	49.86 ug/L	0.00
41) 4-bromofluorobenzene	7.14	174	2697870	49.42 ug/L	0.00
Target Compounds					Qvalue
2) dichlorodifluoromethane	1.18	85	1361	N.D.	
3) chlorodifluoromethane	0.00	51	0	N.D.	
4) chloromethane	0.00	50	0	N.D.	
5) vinyl chloride	0.00	62	0	N.D.	
6) bromomethane	0.00	96	0	N.D.	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) freon	0.00	151	0	N.D.	
10) acetone	1.80	58	6530m	1.85 ug/L	
11) 1,1-dichloroethene	0.00	96	0	N.D.	
12) methylene chloride	2.08	84	7017m	0.20 ug/L	
13) carbon disulfide	2.19	76	12248m	0.14 ug/L	
14) tert-butylmethylether	0.00	73	0	N.D.	
15) trans-1,2-dichloroethene	0.00	96	0	N.D.	
16) vinyl acetate	0.00	43	0	N.D.	
17) 1,1-dichloroethane	0.00	63	0	N.D.	
18) methyl ethyl ketone	0.00	72	0	N.D.	
19) 2,2-dichloropropane	0.00	77	0	N.D.	
20) cis-1,2-dichloroethene	0.00	96	0	N.D.	
21) chloroform	3.02	83	10909m	0.15 ug/L	
22) bromochloromethane	0.00	128	0	N.D.	
23) 1,1,1-trichloroethane	0.00	97	0	N.D.	
25) 1,1-dichloropropene	0.00	75	0	N.D.	
26) carbon tetrachloride	0.00	119	0	N.D.	
28) 1,2-dichloroethane	3.42	62	2010	N.D.	
29) benzene	0.00	78	0	N.D.	
30) trichloroethene	0.00	95	0	N.D.	
31) 1,2-dichloropropane	0.00	63	0	N.D.	
32) bromodichloromethane	0.00	83	0	N.D.	
33) dibromomethane	0.00	93	0	N.D.	
34) 2-chloroethylvinylether	0.00	63	0	N.D.	
35) 4-methyl-2-pentanone	0.00	43	0	N.D.	
36) cis-1,3-dichloropropene	0.00	75	0	N.D.	
38) toluene	5.22	91	2410	N.D.	
39) trans-1,3-dichloropropene	0.00	75	0	N.D.	
40) 1,1,2-trichloroethane	0.00	83	0	N.D.	
43) 2-hexanone	0.00	43	0	N.D.	
44) 1,3-dichloropropane	5.23	76	1513	N.D.	
45) tetrachloroethene	5.74	166	4232	N.D.	
46) dibromochloromethane	0.00	129	0	N.D.	
47) 1,2-dibromoethane	0.00	107	0	N.D.	
48) chlorobenzene	0.00	112	0	N.D.	
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
50) ethylbenzene	6.39	91	3031	N.D.	
51) m+p xylene	6.56	106	3609	N.D.	
52) o-xylene	6.84	106	1406	N.D.	
53) styrene	0.00	104	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200918.D Vial: 18
Acq On : 20 Apr 2009 4:34 pm Operator:
Sample : 291490.05 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 28 17:07:00 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

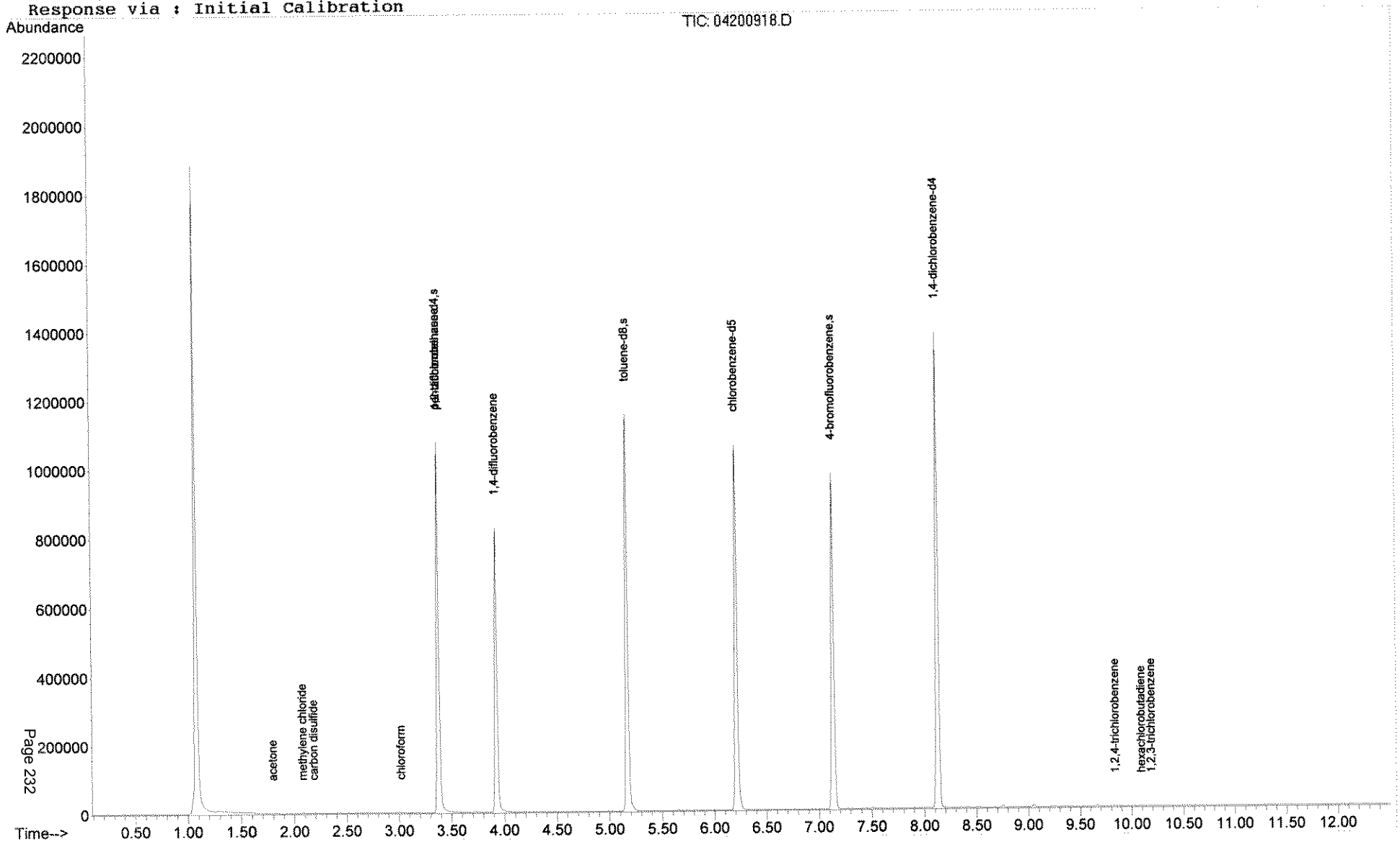
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	0.00	173	0	N.D.	
56) isopropylbenzene	7.13	105	7530	N.D.	
57) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
58) 1,2,3-trichloropropane	0.00	75	0	N.D.	
59) n-propylbenzene	7.45	91	5757	N.D.	
60) bromobenzene	7.27	156	1154	N.D.	
61) p-ethyltoluene	7.58	105	6810	N.D.	
62) 1,3,5-trimethylbenzene	7.78	120	1762	N.D.	
63) 2-chlorotoluene	7.51	126	1538	N.D.	
64) 4-chlorotoluene	7.57	126	4542	N.D.	
65) tert-butylbenzene	7.89	134	926	N.D.	
66) 1,2,4-trimethylbenzene	7.96	105	122	N.D.	
67) sec-butylbenzene	8.05	105	4336	N.D.	
68) 4-isopropyltoluene	0.00	119	0	N.D.	
69) 1,3-dichlorobenzene	0.00	146	0	N.D.	
70) 1,4-dichlorobenzene	0.00	146	0	N.D.	
71) 1,2,3-trimethylbenzene	0.00	105	0	N.D.	
72) n-butylbenzene	8.53	92	4277	N.D.	
73) p-diethylbenzene	0.00	119	0	N.D.	
74) 1,2-dichlorobenzene	8.41	146	3603	N.D.	
75) 1,2,4,5-tetramethylbenzene	9.25	119	6508	N.D.	
76) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.	
77) 1,2,4-trichlorobenzene	9.84	180	4727m	0.11 ug/L	
78) hexachlorobutadiene	10.09	225	6490m	0.30 ug/L	
79) naphthalene	10.03	128	7947	N.D.	
80) 1,2,3-trichlorobenzene	10.19	180	5257m	0.16 ug/L	

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

Data Path : C:\MSDCHEM\1\DATA\0409\042009\ Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200918.D Vial: 18
Acq On : 20 Apr 2009 4:34 pm Operator:
Sample : 291490.05 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 28 17:08 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Standard Spectra for Positive Hits

Matrix Spikes/Matrix Spike Duplicates

Summary Report
Quant Reports and Chomatograms

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200909.D Vial: 9
Acq On : 20 Apr 2009 1:35 pm Operator:
Sample : 291475.01 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 14:19:26 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	3.38	168	3558567	50.00	ug/L	0.00
24) 1,4-difluorobenzene	3.93	114	4972495	50.00	ug/L	0.00
42) chlorobenzene-d5	6.21	82	3130246	50.00	ug/L	0.00
55) 1,4-dichlorobenzene-d4	8.13	152	3484243	50.00	ug/L	0.00
System Monitoring Compounds						
27) 1,2-dichloroethane-d4	3.39	102	379517	50.30	ug/L	0.00
37) toluene-d8	5.17	98	6478828	48.33	ug/L	0.00
41) 4-bromofluorobenzene	7.14	174	2656434	46.92	ug/L	0.00
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chlorodifluoromethane	0.00	51	0	N.D.	d	
4) chloromethane	0.00	50	0	N.D.		
5) vinyl chloride	0.00	62	0	N.D.		
6) bromomethane	0.00	96	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) freon	0.00	151	0	N.D.		
10) acetone	0.00	58	0	N.D.		
11) 1,1-dichloroethene	0.00	96	0	N.D.		
12) methylene chloride	0.00	84	0	N.D.		
13) carbon disulfide	2.19	76	12358m	0.13	ug/L	
14) tert-butylmethylether	0.00	73	0	N.D.		
15) trans-1,2-dichloroethene	0.00	96	0	N.D.		
16) vinyl acetate	0.00	43	0	N.D.		
17) 1,1-dichloroethane	0.00	63	0	N.D.		
18) methyl ethyl ketone	0.00	72	0	N.D.		
19) 2,2-dichloropropane	0.00	77	0	N.D.		
20) cis-1,2-dichloroethene	0.00	96	0	N.D.		
21) chloroform	0.00	83	0	N.D.		
22) bromochloromethane	0.00	128	0	N.D.		
23) 1,1,1-trichloroethane	0.00	97	0	N.D.		
25) 1,1-dichloropropene	0.00	75	0	N.D.		
26) carbon tetrachloride	0.00	119	0	N.D.		
28) 1,2-dichloroethane	3.41	62	1444	N.D.		
29) benzene	0.00	78	0	N.D.		
30) trichloroethene	0.00	95	0	N.D.		
31) 1,2-dichloropropane	0.00	63	0	N.D.		
32) bromodichloromethane	0.00	83	0	N.D.		
33) dibromomethane	0.00	93	0	N.D.		
34) 2-chloroethylvinylether	0.00	63	0	N.D.		
35) 4-methyl-2-pentanone	0.00	43	0	N.D.		
36) cis-1,3-dichloropropene	0.00	75	0	N.D.		
38) toluene	5.24	91	2728	N.D.		
39) trans-1,3-dichloropropene	0.00	75	0	N.D.		
40) 1,1,2-trichloroethane	0.00	83	0	N.D.		
43) 2-hexanone	0.00	43	0	N.D.		
44) 1,3-dichloropropane	5.28	76	1521	N.D.		
45) tetrachloroethene	0.00	166	0	N.D.		
46) dibromochloromethane	0.00	129	0	N.D.		
47) 1,2-dibromoethane	0.00	107	0	N.D.		
48) chlorobenzene	0.00	112	0	N.D.		
49) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
50) ethylbenzene	6.40	91	2640	N.D.		
51) m+p xylene	6.56	106	3627	N.D.		
52) o-xylene	0.00	106	0	N.D.		
53) styrene	0.00	104	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200909.D Vial: 9
Acq On : 20 Apr 2009 1:35 pm Operator:
Sample : 291475.01 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 14:19:26 2009 Quant Results File: VW041509.RES

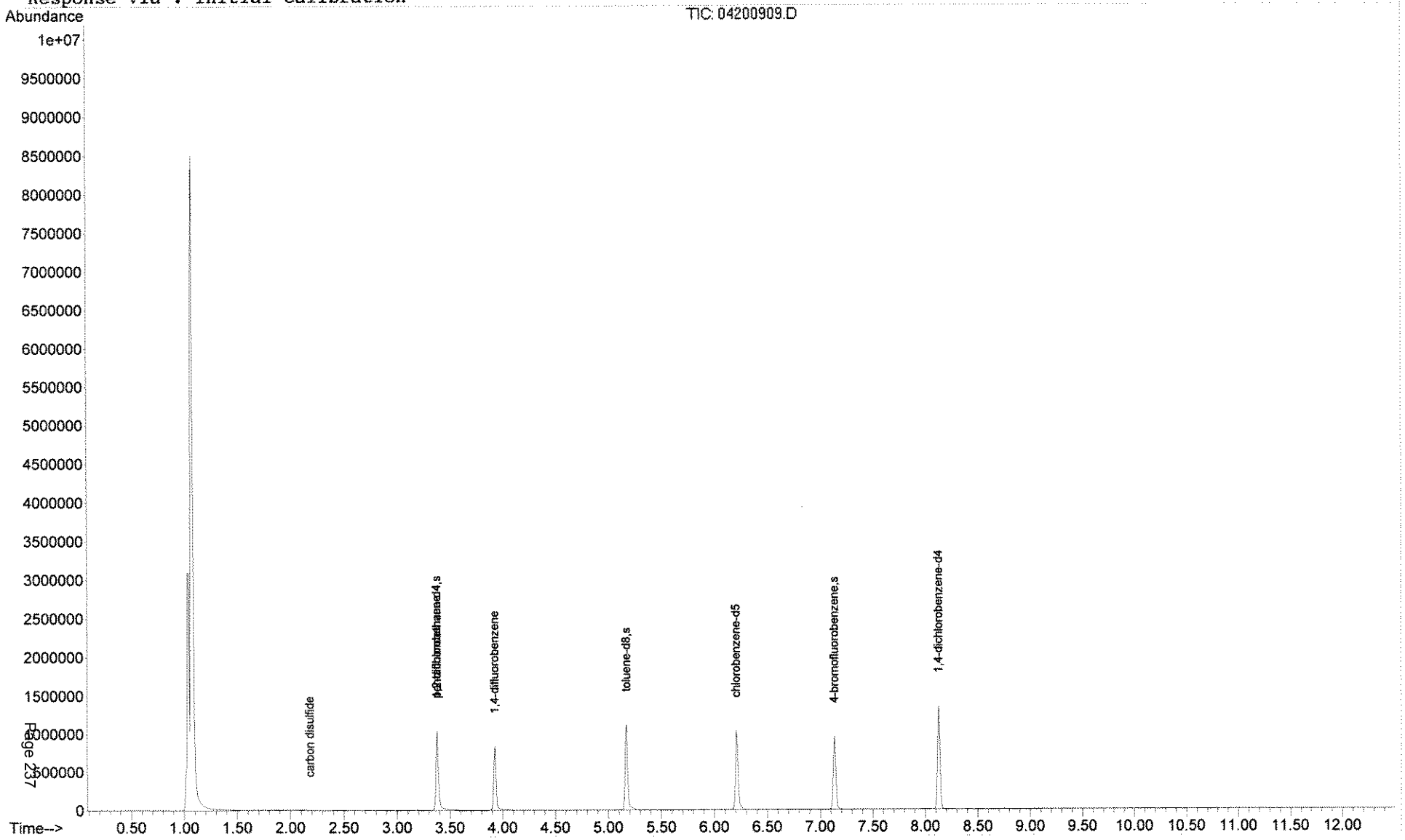
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54)	bromoform	0.00	173	0	N.D.	
56)	isopropylbenzene	7.13	105	4193	N.D.	
57)	1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
58)	1,2,3-trichloropropane	0.00	75	0	N.D.	
59)	n-propylbenzene	7.45	91	3341	N.D.	
60)	bromobenzene	0.00	156	0	N.D.	
61)	p-ethyltoluene	0.00	105	0	N.D.	
62)	1,3,5-trimethylbenzene	0.00	120	0	N.D.	
63)	2-chlorotoluene	0.00	126	0	N.D.	
64)	4-chlorotoluene	0.00	126	0	N.D.	
65)	tert-butylbenzene	0.00	134	0	N.D.	
66)	1,2,4-trimethylbenzene	0.00	105	0	N.D.	
67)	sec-butylbenzene	0.00	105	0	N.D.	
68)	4-isopropyltoluene	0.00	119	0	N.D.	
69)	1,3-dichlorobenzene	0.00	146	0	N.D.	
70)	1,4-dichlorobenzene	0.00	146	0	N.D.	
71)	1,2,3-trimethylbenzene	0.00	105	0	N.D.	
72)	n-butylbenzene	0.00	92	0	N.D.	
73)	p-diethylbenzene	0.00	119	0	N.D.	
74)	1,2-dichlorobenzene	0.00	146	0	N.D.	
75)	1,2,4,5-tetramethylbenzene	9.25	119	7612	N.D.	
76)	1,2-dibromo-3-chloropropan	0.00	157	0	N.D.	
77)	1,2,4-trichlorobenzene	0.00	180	0	N.D.	
78)	hexachlorobutadiene	0.00	225	0	N.D.	
79)	naphthalene	10.04	128	6786	N.D.	
80)	1,2,3-trichlorobenzene	0.00	180	0	N.D.	

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

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200909.D Vial: 9
Acq On : 20 Apr 2009 1:35 pm Operator:
Sample : 291475.01 5ml Inst : GCMSV4
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 28 13:39 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200913.D Vial: 13
Acq On : 20 Apr 2009 2:51 pm Operator:
Sample : 291475.01 5ml +20MS {af} (291475.03) Inst : GCMSV4
Misc : KM042009 foaming matrix some cmpds high Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 15:18:50 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) pentafluorobenzene	3.38	168	3794494	50.00	ug/L		0.00
24) 1,4-difluorobenzene	3.93	114	5312775	50.00	ug/L		0.00
42) chlorobenzene-d5	6.21	82	3488723	50.00	ug/L		0.00
55) 1,4-dichlorobenzene-d4	8.13	152	4175614	50.00	ug/L		0.00
System Monitoring Compounds							
27) 1,2-dichloroethane-d4	3.38	102	430186	53.36	ug/L		0.00
37) toluene-d8	5.17	98	7213311	50.37	ug/L		0.00
41) 4-bromofluorobenzene	7.14	174	3085859	51.02	ug/L		0.00
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.19	85	942746	21.68	ug/L		97
3) chlorodifluoromethane	1.16	51	1446876m	22.47	ug/L		
4) chloromethane	1.27	50	1258726	21.24	ug/L	#	96
5) vinyl chloride	1.32	62	1021825	22.10	ug/L		97
6) bromomethane	1.47	96	291590	17.24	ug/L		96
7) chloroethane	1.53	64	547496	19.92	ug/L		99
8) trichlorofluoromethane	1.76	101	1610525	23.28	ug/L		96
9) freon	2.11	151	574322	21.11	ug/L		95
10) acetone	1.80	58	658380	165.68	ug/L		88
11) 1,1-dichloroethene	2.01	96	641329	21.66	ug/L		87
12) methylene chloride	2.08	84	842267	21.81	ug/L		91
13) carbon disulfide	2.19	76	2082004	21.00	ug/L		99
14) tert-butylmethylether	2.50	73	2843324	25.13	ug/L		99
15) trans-1,2-dichloroethene	2.43	96	738093	21.39	ug/L		98
16) vinyl acetate	2.65	43	19040363	138.49	ug/L		99
17) 1,1-dichloroethane	2.57	63	1825826	21.79	ug/L		98
18) methyl ethyl ketone	2.82	72	653644	168.76	ug/L		92
19) 2,2-dichloropropane	3.07	77	1367788	21.28	ug/L		96
20) cis-1,2-dichloroethene	2.90	96	848345	21.21	ug/L		97
21) chloroform	3.03	83	1747478	21.66	ug/L		97
22) bromochloromethane	3.00	128	422133	20.93	ug/L	#	67
23) 1,1,1-trichloroethane	3.49	97	1542011	21.39	ug/L	#	87
25) 1,1-dichloropropene	3.62	75	1172379	19.32	ug/L		98
26) carbon tetrachloride	3.73	119	1201739	20.12	ug/L		99
28) 1,2-dichloroethane	3.43	62	1831661m	22.39	ug/L		
29) benzene	3.76	78	3278347	20.03	ug/L		99
30) trichloroethene	4.19	95	911396	19.93	ug/L		97
31) 1,2-dichloropropane	4.16	63	1012888	19.70	ug/L	#	98
32) bromodichloromethane	4.22	83	1360013	20.35	ug/L		97
33) dibromomethane	4.12	93	585379	22.26	ug/L		87
34) 2-chloroethylvinylether	4.53	63	473339	16.67	ug/L		94
35) 4-methyl-2-pentanone	4.77	43	9591571	157.24	ug/L		98
36) cis-1,3-dichloropropene	4.67	75	1468160	19.88	ug/L		98
38) toluene	5.22	91	3798153	19.20	ug/L		99
39) trans-1,3-dichloropropene	4.98	75	1490893	20.68	ug/L		96
40) 1,1,2-trichloroethane	5.08	83	743302	23.35	ug/L		98
43) 2-hexanone	5.39	43	6738846	159.58	ug/L		95
44) 1,3-dichloropropane	5.26	76	1729025	21.88	ug/L		98
45) tetrachloroethene	5.75	166	991061	18.61	ug/L		99
46) dibromochloromethane	5.43	129	1035033	21.24	ug/L		97
47) 1,2-dibromoethane	5.61	107	985782	22.86	ug/L		96
48) chlorobenzene	6.24	112	2479482	18.82	ug/L		92
49) 1,1,1,2-tetrachloroethane	6.19	131	894735	19.71	ug/L	#	1
50) ethylbenzene	6.40	91	4257748	18.62	ug/L		100
51) m+p xylene	6.55	106	3138502	36.91	ug/l		99
52) o-xylene	6.84	106	1606189	18.76	ug/L		100
53) styrene	6.79	104	2579987	18.52	ug/L		90

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200913.D Vial: 13
Acq On : 20 Apr 2009 2:51 pm Operator:
Sample : 291475.01 5ml +20MS {af} (291475.03) Inst : GCMSV4
Misc : KM042009 foaming matrix some cmpds high Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 15:18:50 2009 Quant Results File: VW041509.RES

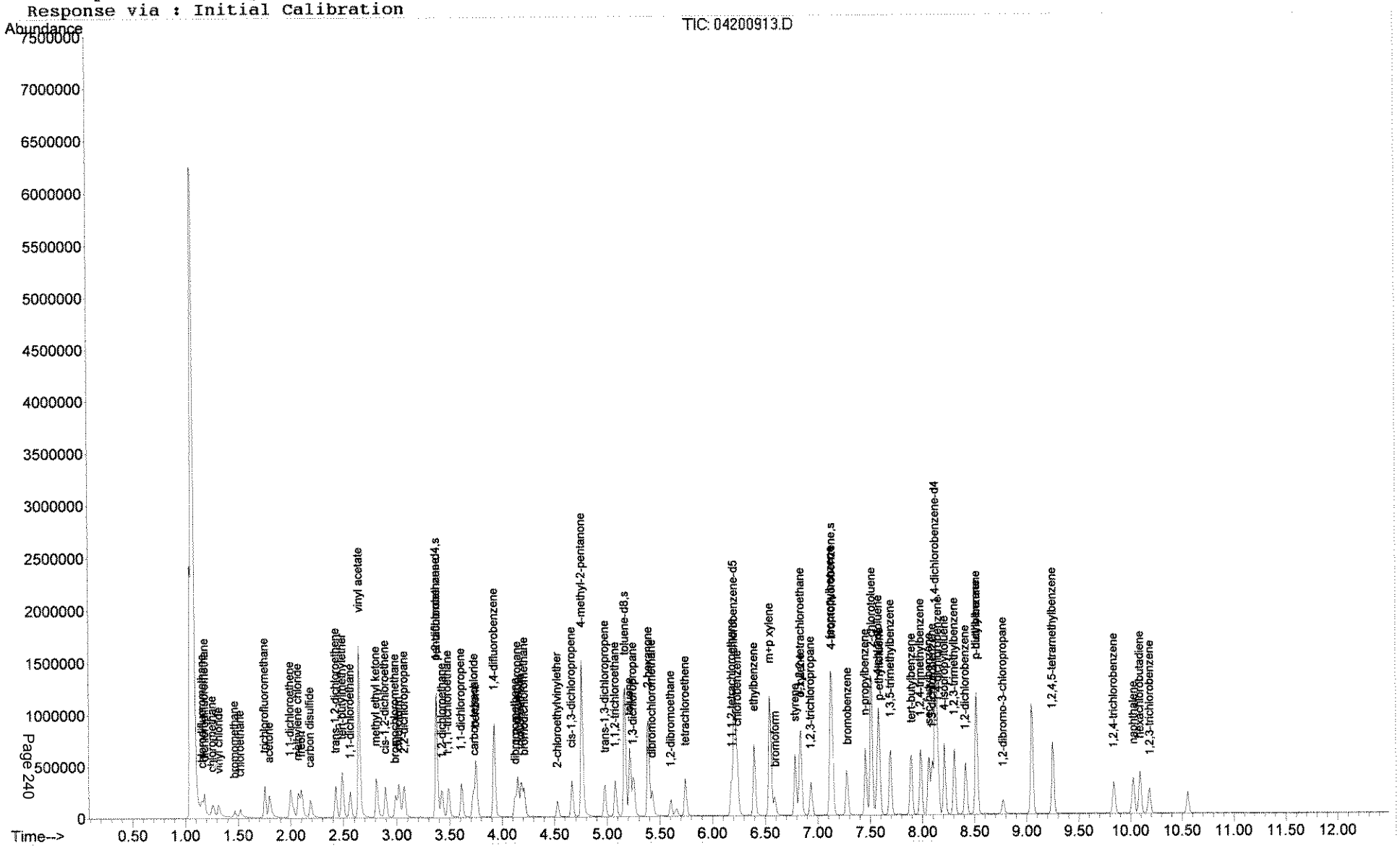
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	6.60	173	822689	22.27 ug/L	99
56) isopropylbenzene	7.12	105	3885717	18.38 ug/L	98
57) 1,1,2,2-tetrachloroethane	6.83	83	1274197	25.78 ug/L	98
58) 1,2,3-trichloropropane	6.94	75	1175584	25.88 ug/L	97
59) n-propylbenzene	7.46	91	4624568	18.35 ug/L	100
60) bromobenzene	7.28	156	1200232	18.43 ug/L #	83
61) p-ethyltoluene	7.59	105	4309475	19.06 ug/L	98
62) 1,3,5-trimethylbenzene	7.70	120	1614847	18.51 ug/L	97
63) 2-chlorotoluene	7.52	126	970206	18.76 ug/L	89
64) 4-chlorotoluene	7.58	126	1043152	19.02 ug/L	90
65) tert-butylbenzene	7.90	134	689352	19.46 ug/L	86
66) 1,2,4-trimethylbenzene	7.99	105	3359401	18.12 ug/L	94
67) sec-butylbenzene	8.07	105	3796112	20.45 ug/L	96
68) 4-isopropyltoluene	8.22	119	3575137	20.30 ug/L	98
69) 1,3-dichlorobenzene	8.10	146	2084678	18.25 ug/L	97
70) 1,4-dichlorobenzene	8.15	146	2163977	18.27 ug/L	94
71) 1,2,3-trimethylbenzene	8.31	105	3402279	17.99 ug/L	100
72) n-butylbenzene	8.53	92	1909226	22.43 ug/L	97
73) p-diethylbenzene	8.52	119	2056533	20.84 ug/L	89
74) 1,2-dichlorobenzene	8.42	146	2049771	18.33 ug/L	97
75) 1,2,4,5-tetramethylbenzene	9.25	119	3842893	21.61 ug/L	98
76) 1,2-dibromo-3-chloropropan	8.78	157	367323	29.88 ug/L	90
77) 1,2,4-trichlorobenzene	9.84	180	1060740	21.53 ug/L	97
78) hexachlorobutadiene	10.10	225	924955	36.18 ug/L	98
79) naphthalene	10.03	128	2870756	26.15 ug/L	99
80) 1,2,3-trichlorobenzene	10.19	180	897871	23.43 ug/L	95

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

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200913.D Vial: 13
Acq On : 20 Apr 2009 2:51 pm Operator:
Sample : 291475.01 5ml +20MS {af} (291475.03) Inst : GCMSV4
Misc : KM042009 foaming matrix some cmpds high Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 15:19 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200914.D Vial: 14
Acq On : 20 Apr 2009 3:11 pm Operator:
Sample : 291475.01 5ml +20MSD {af} (291475.05) Inst : GCMSV4
Misc : KM042009 foaming matrix some cmnds high Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 15:30:18 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) pentafluorobenzene	3.38	168	4021886	50.00	ug/L		0.00
24) 1,4-difluorobenzene	3.93	114	5591806	50.00	ug/L		0.00
42) chlorobenzene-d5	6.21	82	3676212	50.00	ug/L		0.00
55) 1,4-dichlorobenzene-d4	8.13	152	4349030	50.00	ug/L		0.00
System Monitoring Compounds							
27) 1,2-dichloroethane-d4	3.39	102	442681	52.17	ug/L		0.00
37) toluene-d8	5.17	98	7623683	50.57	ug/L		0.00
41) 4-bromofluorobenzene	7.14	174	3233072	50.78	ug/L		0.00
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.19	85	1058135	22.98	ug/L		98
3) chlorodifluoromethane	1.16	51	1456828	21.35	ug/L		98
4) chloromethane	1.26	50	1496810	23.85	ug/L		98
5) vinyl chloride	1.33	62	1111883	22.68	ug/L		90
6) bromomethane	1.48	96	301229	16.81	ug/L		97
7) chloroethane	1.52	64	616580m	21.16	ug/L		
8) trichlorofluoromethane	1.76	101	1706155	23.27	ug/L		98
9) freon	2.11	151	598175	20.74	ug/L		94
10) acetone	1.82	58	587323	139.43	ug/L		96
11) 1,1-dichloroethene	2.01	96	676236	21.55	ug/L		85
12) methylene chloride	2.08	84	940723	22.99	ug/L		93
13) carbon disulfide	2.20	76	2244828	21.36	ug/L		100
14) tert-butylmethylether	2.50	73	2814228	23.47	ug/L		100
15) trans-1,2-dichloroethene	2.43	96	788285	21.56	ug/L		97
16) vinyl acetate	2.66	43	17568210	120.12	ug/L		99
17) 1,1-dichloroethane	2.57	63	1914189	21.55	ug/L		98
18) methyl ethyl ketone	2.83	72	488609	119.05	ug/L	#	75
19) 2,2-dichloropropane	3.08	77	1465252	21.51	ug/L		96
20) cis-1,2-dichloroethene	2.90	96	906602	21.38	ug/L		97
21) chloroform	3.03	83	1838625	21.50	ug/L		99
22) bromochloromethane	3.00	128	458521	21.46	ug/L	#	67
23) 1,1,1-trichloroethane	3.50	97	1612397	21.11	ug/L	#	87
25) 1,1-dichloropropene	3.62	75	1253191	19.62	ug/L		96
26) carbon tetrachloride	3.73	119	1274623	20.27	ug/L		99
28) 1,2-dichloroethane	3.43	62	1750910	20.33	ug/L	#	92
29) benzene	3.76	78	3408691	19.78	ug/L		99
30) trichloroethene	4.19	95	962988	20.01	ug/L		97
31) 1,2-dichloropropane	4.16	63	1084419	20.04	ug/L		98
32) bromodichloromethane	4.22	83	1464238	20.82	ug/L		98
33) dibromomethane	4.13	93	593935	21.45	ug/L		86
34) 2-chloroethylvinylether	4.54	63	360359	12.08	ug/L		93
35) 4-methyl-2-pentanone	4.77	43	8029790	125.16	ug/L		99
36) cis-1,3-dichloropropene	4.67	75	1537136	19.77	ug/L		98
38) toluene	5.22	91	4077174	19.58	ug/L		98
39) trans-1,3-dichloropropene	4.98	75	1545456	20.37	ug/L		96
40) 1,1,2-trichloroethane	5.08	83	740260	22.09	ug/L		98
43) 2-hexanone	5.40	43	5592333	125.72	ug/L	#	95
44) 1,3-dichloropropane	5.26	76	1740647	20.90	ug/L		95
45) tetrachloroethene	5.75	166	1048872	18.70	ug/L		98
46) dibromochloromethane	5.43	129	1058273	20.61	ug/L		97
47) 1,2-dibromoethane	5.61	107	959980	21.11	ug/L		100
48) chlorobenzene	6.24	112	2710486	19.53	ug/L		92
49) 1,1,1,2-tetrachloroethane	6.19	131	938812	19.63	ug/L	#	1
50) ethylbenzene	6.40	91	4510834	18.72	ug/L		99
51) m+p xylene	6.55	106	3372540	37.64	ug/l		96
52) o-xylene	6.85	106	1691655	18.75	ug/L		98
53) styrene	6.79	104	2638659	17.97	ug/L		97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200914.D Vial: 14
Acq On : 20 Apr 2009 3:11 pm Operator:
Sample : 291475.01 5ml +20MSD {af} (291475.05) Inst : GCMSV4
Misc : KM042009 foaming matrix some cmnds high Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 15:30:18 2009 Quant Results File: VW041509.RES

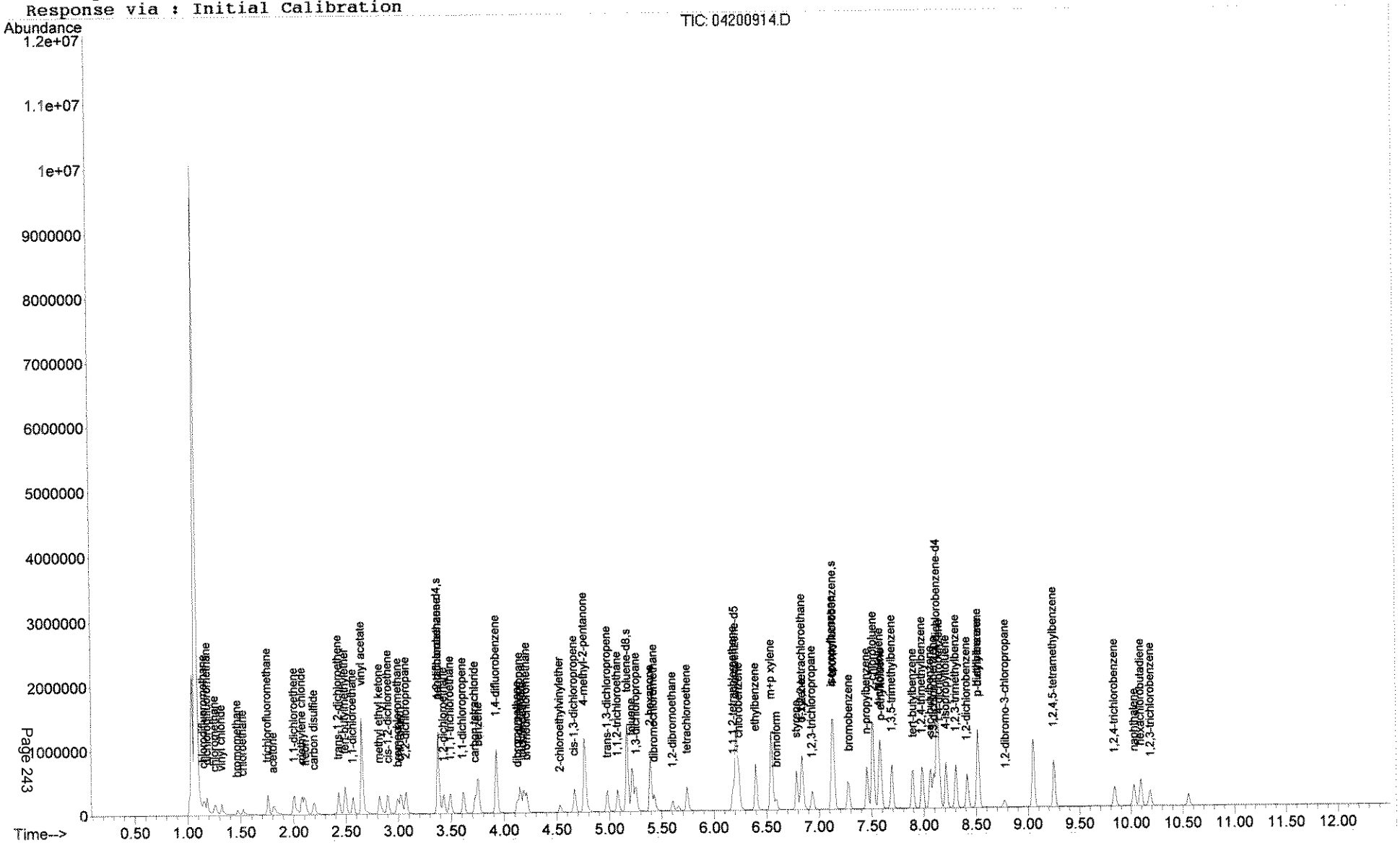
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	6.60	173	756420	19.45 ug/L	95
56) isopropylbenzene	7.13	105	4017138	18.24 ug/L	99
57) 1,1,2,2-tetrachloroethane	6.83	83	1159522	22.50 ug/L	99
58) 1,2,3-trichloropropane	6.94	75	1050385	22.20 ug/L	98
59) n-propylbenzene	7.46	91	4834707	18.42 ug/L	100
60) bromobenzene	7.28	156	1268168	18.70 ug/L #	84
61) p-ethyltoluene	7.59	105	4552573	19.33 ug/L	98
62) 1,3,5-trimethylbenzene	7.70	120	1715222	18.88 ug/L	98
63) 2-chlorotoluene	7.52	126	1029453	19.11 ug/L	85
64) 4-chlorotoluene	7.58	126	1063300	18.61 ug/L	84
65) tert-butylbenzene	7.90	134	737176	19.98 ug/L	91
66) 1,2,4-trimethylbenzene	7.99	105	3542524	18.34 ug/L	96
67) sec-butylbenzene	8.07	105	3973326	20.56 ug/L	96
68) 4-isopropyltoluene	8.22	119	3735798	20.37 ug/L	99
69) 1,3-dichlorobenzene	8.10	146	2139391	17.98 ug/L	98
70) 1,4-dichlorobenzene	8.15	146	2265184	18.36 ug/L	97
71) 1,2,3-trimethylbenzene	8.31	105	3624935	18.40 ug/L	99
72) n-butylbenzene	8.53	92	2025527	22.85 ug/L	99
73) p-diethylbenzene	8.52	119	2183758	21.25 ug/L	92
74) 1,2-dichlorobenzene	8.42	146	2083450	17.89 ug/L	97
75) 1,2,4,5-tetramethylbenzene	9.25	119	3977585	21.48 ug/L	98
76) 1,2-dibromo-3-chloropropan	8.78	157	291252	22.76 ug/L	89
77) 1,2,4-trichlorobenzene	9.85	180	1081110	21.07 ug/L	97
78) hexachlorobutadiene	10.10	225	971579	36.48 ug/L	98
79) naphthalene	10.03	128	2678022	23.46 ug/L	100
80) 1,2,3-trichlorobenzene	10.19	180	894476	22.42 ug/L	99

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

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200914.D Vial: 14
Acq On : 20 Apr 2009 3:11 pm Operator:
Sample : 291475.01 5ml +20MSD {af} (291475.05) Inst : GCMSV4
Misc : KM042009 foaming matrix some cmnds high Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 21 10:47 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Reference Standards

Summary Report
Quant Reports and Chomatograms

QC Check Standard Summary (VOC EPA 8260)

EcoTest Laboratories Inc.
Instrument ID: GCMSV4
Lab File ID: 04200912.D
Date of Analysis: 04/20/09
Associated Samples: 291490.01, 291490.03, 291490.05,

Compound	Source	Target (ug/L)	Result (ug/L)	Lower control Limit (ug/L)	Upper control Limit (ug/L)	#
Chloromethane	(2)	10	13.2	5.4	16.0	
Vinyl chloride	(2)	10	11.9	6.1	15.3	
Bromomethane	(2)	10	11.4	4.5	15.4	
Chloroethane	(2)	10	11.0	8.0	12.2	
1,1-Dichloroethene	(1)	10	10.2	9.2	12.6	
Acetone	(3)	100	100.5	56.7	131	
Methylene chloride	(1)	10	11.1	9.6	12.3	
Carbon Disulfide	(3)	10	10.3	7.0	13.9	
trans-1,2-Dichloroethene	(1)	10	10.2	9.3	12.2	
1,1-Dichloroethane	(1)	10	10.6	9.1	11.4	
cis-1,2-Dichloroethene	(1)	10	10.9	9.1	11.3	
Methyl ethyl ketone	(3)	100	98.3	56.7	125	
Chloroform	(1)	10	10.6	9.1	10.9	
1,1,1-Trichloroethane	(1)	10	10.3	8.5	11.3	
Carbon tetrachloride	(1)	10	10.2	7.3	11.8	
Benzene	(1)	10	9.9	9.1	11.3	
1,2-Dichloroethane	(1)	10	10.2	8.4	11.9	
Trichloroethene	(1)	10	9.9	9.0	11.6	
1,2-Dichloropropane	(1)	10	9.8	8.6	11.3	
Bromodichloromethane	(1)	10	9.5	8.0	11.1	
cis-1,3-Dichloropropene	(1)	10	9.4	8.5	10.3	
Methyl isobutyl ketone	(3)	100	97.8	57.6	116	
Toluene	(1)	10	9.7	8.9	11.3	
trans-1,3-Dichloropropene	(1)	10	8.7	7.0	10.7	
1,1,2-Trichloroethane	(1)	10	9.7	8.1	11.3	
2-Hexanone	(3)	100	88.0	53.9	122	
Tetrachloroethene	(1)	10	9.1	7.3	13.1	
Dibromochloromethane	(1)	10	9.0	7.4	10.8	
Chlorobenzene	(1)	10	9.8	8.9	11.1	
Ethyl Benzene	(1)	10	9.4	8.4	11.4	
M+P-Xylene	(1)	10	19.1	17.1	23.3	
O-Xylene	(1)	10	9.6	8.0	11.4	
Styrene	(1)	10	9.9	8.2	10.8	
Bromoform	(1)	10	8.8	6.2	10.8	
1,1,2,2-Tetrachloroethane	(1)	10	9.5	6.8	11.8	

#- Column to be used to flag reference result with an asterisk.
#- Result is outside of QC limits.
Source of Stock Standard
(1)- Accstandard catalog# M-502A-R-10X.
(2)- Crescent Chamical catalog# CC2006.10.
(3)- Prepared by EcoTest from neat compound.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200912.D Vial: 12
Acq On : 20 Apr 2009 2:30 pm Operator:
Sample : reference 10ug/L Inst : GCMSV4
Misc : KM042009 qc passed KM Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 14:44:49 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) pentafluorobenzene	3.38	168	3611629	50.00	ug/L		0.00
24) 1,4-difluorobenzene	3.93	114	5055827	50.00	ug/L		0.00
42) chlorobenzene-d5	6.21	82	3262354	50.00	ug/L		0.00
55) 1,4-dichlorobenzene-d4	8.13	152	3898154	50.00	ug/L		0.00
System Monitoring Compounds							
27) 1,2-dichloroethane-d4	3.39	102	372316	48.53	ug/L		0.00
37) toluene-d8	5.17	98	6806087	49.94	ug/L		0.00
41) 4-bromofluorobenzene	7.14	174	2900073	50.38	ug/L		0.00
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.19	85	641307	15.44	ug/L		99
3) chlorodifluoromethane	1.15	51	808549m	13.18	ug/L		
4) chloromethane	1.26	50	745967m	13.19	ug/L		
5) vinyl chloride	1.33	62	523283	11.88	ug/L		99
6) bromomethane	1.48	96	181547	11.35	ug/L		88
7) chloroethane	1.53	64	286423	10.95	ug/L		97
8) trichlorofluoromethane	1.76	101	774779	11.77	ug/L		97
9) freon	2.12	151	293964	11.35	ug/L		97
10) acetone	1.81	58	379989	100.45	ug/L		95
11) 1,1-dichloroethene	2.01	96	286046	10.17	ug/L	#	82
12) methylene chloride	2.08	84	409513	11.13	ug/L		97
13) carbon disulfide	2.20	76	967246	10.28	ug/L		98
14) tert-butylmethylether	2.50	73	1061637	9.90	ug/L		100
15) trans-1,2-dichloroethene	2.43	96	335108	10.20	ug/L		97
16) vinyl acetate	2.65	43	13355502	101.31	ug/L		100
17) 1,1-dichloroethane	2.57	63	843392	10.59	ug/L		99
18) methyl ethyl ketone	2.82	72	362136	98.26	ug/L		94
19) 2,2-dichloropropane	3.08	77	608904	10.04	ug/L		97
20) cis-1,2-dichloroethene	2.90	96	414877	10.89	ug/L		95
21) chloroform	3.03	83	813851	10.60	ug/L		97
22) bromochloromethane	3.00	128	201455	10.47	ug/L	#	62
23) 1,1,1-trichloroethane	3.50	97	702885	10.27	ug/L	#	91
25) 1,1-dichloropropene	3.62	75	574001	9.95	ug/L		98
26) carbon tetrachloride	3.73	119	577265	10.20	ug/L		99
28) 1,2-dichloroethane	3.43	62	793597m	10.18	ug/L		
29) benzene	3.76	78	1537682	9.86	ug/L		98
30) trichloroethene	4.19	95	430080	9.86	ug/L		97
31) 1,2-dichloropropane	4.16	63	478817	9.78	ug/L	#	98
32) bromodichloromethane	4.22	83	603221	9.51	ug/L		98
33) dibromomethane	4.13	93	249735	9.94	ug/L		87
34) 2-chloroethylvinylether	4.54	63	193836	7.20	ug/L		93
35) 4-methyl-2-pentanone	4.77	43	5666389	97.75	ug/L		99
36) cis-1,3-dichloropropene	4.67	75	657285	9.37	ug/L		96
38) toluene	5.22	91	1819500	9.65	ug/L		99
39) trans-1,3-dichloropropene	4.98	75	590713	8.66	ug/L	#	94
40) 1,1,2-trichloroethane	5.08	83	295313	9.74	ug/L		98
43) 2-hexanone	5.40	43	3474111	88.04	ug/L		94
44) 1,3-dichloropropane	5.26	76	730013	9.85	ug/L		98
45) tetrachloroethene	5.75	166	453905	9.07	ug/L		96
46) dibromochloromethane	5.43	129	411546	9.04	ug/L		94
47) 1,2-dibromoethane	5.61	107	386732	9.56	ug/L		99
48) chlorobenzene	6.24	112	1208859	9.78	ug/L		91
49) 1,1,1,2-tetrachloroethane	6.19	131	415770	9.79	ug/L	#	1
50) ethylbenzene	6.40	91	2007787	9.38	ug/L		100
51) m+p xylene	6.55	106	1526515	19.13	ug/l		96
52) o-xylene	6.85	106	768075	9.56	ug/L		99
53) styrene	6.79	104	1291566	9.90	ug/L		91

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200912.D Vial: 12
Acq On : 20 Apr 2009 2:30 pm Operator:
Sample : reference 10ug/L Inst : GCMSV4
Misc : KM042009 qc passed KM Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 14:44:49 2009 Quant Results File: VW041509.RES

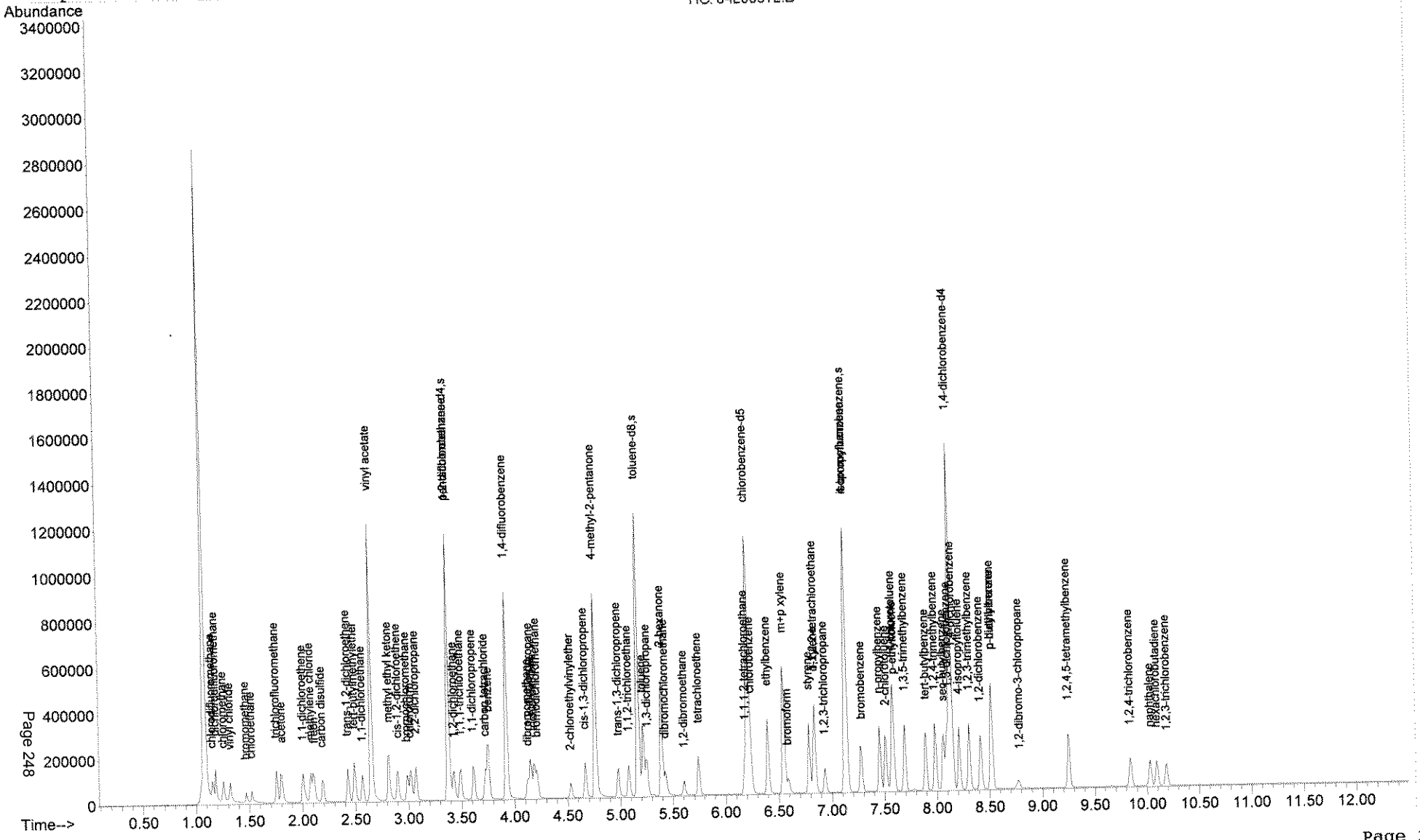
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	6.60	173	301847	8.78 ug/L	96
56) isopropylbenzene	7.13	105	1598504	8.10 ug/L	99
57) 1,1,2,2-tetrachloroethane	6.83	83	442224	9.54 ug/L	98
58) 1,2,3-trichloropropane	6.94	75	399014	9.39 ug/L	99
59) n-propylbenzene	7.46	91	2116914	9.00 ug/L	100
60) bromobenzene	7.28	156	575526	9.45 ug/L #	85
61) p-ethyltoluene	7.59	105	1932825	9.15 ug/L	97
62) 1,3,5-trimethylbenzene	7.70	120	727036	8.91 ug/L	96
63) 2-chlorotoluene	7.52	126	453099	9.36 ug/L	88
64) 4-chlorotoluene	7.58	126	471235	9.15 ug/L	86
65) tert-butylbenzene	7.90	134	304672	9.19 ug/L	88
66) 1,2,4-trimethylbenzene	7.99	105	1569422	9.07 ug/L	96
67) sec-butylbenzene	8.06	105	1666132	9.62 ug/L	97
68) 4-isopropyltoluene	8.22	119	1443381	8.79 ug/L	99
69) 1,3-dichlorobenzene	8.10	146	1041637	9.75 ug/L	98
70) 1,4-dichlorobenzene	8.15	146	1023031	9.23 ug/L	91
71) 1,2,3-trimethylbenzene	8.31	105	1528306	8.65 ug/L	98
72) n-butylbenzene	8.53	92	715370	8.99 ug/L	93
73) p-diethylbenzene	8.52	119	859827	9.31 ug/L	94
74) 1,2-dichlorobenzene	8.42	146	980660	9.37 ug/L	98
75) 1,2,4,5-tetramethylbenzene	9.26	119	1395979	8.42 ug/L	96
76) 1,2-dibromo-3-chloropropan	8.78	157	94147	8.22 ug/L	90
77) 1,2,4-trichlorobenzene	9.85	180	433742	9.43 ug/L	99
78) hexachlorobutadiene	10.10	225	263195	11.05 ug/L	99
79) naphthalene	10.03	128	909000	8.95 ug/L	98
80) 1,2,3-trichlorobenzene	10.19	180	350290	9.83 ug/L	99

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

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200912.D Vial: 12
Acq On : 20 Apr 2009 2:30 pm Operator:
Sample : reference 10ug/L Inst : GCMSV4
Misc : KM042009 qc passed KM Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 21 10:45 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Initial Calibration

Summary Reports
Quant Reports and Chomatograms

Response Factor Report GCMSV4

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration

Calibration Files
5 =04150913.D 10 =04150914.D 20 =04150915.D
50 =04150916.D 100 =04150917.D 200 =04150918.D

		Compound	5	10	20	50	100	200	Avg	%RSD
1)		pentafluorobenzene	ISTD							
2)		dichlorodifluor	0.560	0.540	0.540	0.569	0.564	0.509	0.547	4.03
3)		chlorodifluorom	0.895	0.897	0.840	0.821	0.847	0.826	0.854	3.92
4)		chloromethane	0.812	0.816	0.788	0.753	0.768	0.741	0.780	3.99
5)		vinyl chloride	0.634	0.625	0.588	0.607	0.611	0.605	0.612	2.66
6)		bromomethane	0.198	0.216	0.223	0.223	0.253	0.268	0.230	11.11
7)		chloroethane	0.378	0.369	0.363	0.357	0.364	0.364	0.366	1.95
8)		trichlorofluoro	0.959	0.943	0.874	0.902	0.925	0.915	0.920	3.30
9)		freon	0.381	0.371	0.347	0.361	0.355	0.356	0.362	3.37
10)		acetone	0.056	0.051	0.051	0.052	0.053	0.052	0.052	3.32
11)		1,1-dichloroeth	0.405	0.392	0.386	0.392	0.395	0.402	0.395	1.79
12)		methylene chlor	0.572	0.534	0.512	0.491	0.505	0.500	0.519	5.71
13)		carbon disulfid	1.241	1.288	1.248	1.318	1.364	1.365	1.304	4.17
14)		tert-butylmethy	1.486	1.485	1.461	1.478	1.551	1.560	1.503	2.76
15)		trans-1,2-dichl	0.442	0.467	0.455	0.451	0.455	0.453	0.454	1.84
16)		vinyl acetate	1.581	1.633	1.665	1.726	1.839	1.464	1.651	7.71
17)		1,1-dichloroeth	1.114	1.121	1.092	1.099	1.127	1.138	1.115	1.54
18)		methyl ethyl ke	0.051	0.049	0.050	0.049	0.054	0.051	0.051	3.41
19)		2,2-dichloropro	0.777	0.788	0.802	0.873	0.924	0.957	0.854	8.89
20)		cis-1,2-dichlor	0.537	0.522	0.540	0.522	0.526	0.527	0.529	1.47
21)		chloroform	1.088	1.081	1.068	1.052	1.062	1.061	1.069	1.28
22)		bromochlorometh	0.279	0.272	0.262	0.260	0.262	0.253	0.264	3.52
23)		1,1,1-trichloro	0.902	0.962	0.907	0.961	0.976	0.979	0.948	3.63
24)		1,4-difluorobenzene	ISTD							
25)		1,1-dichloropro	0.561	0.577	0.548	0.579	0.581	0.583	0.571	2.44
26)		carbon tetrachl	0.525	0.551	0.537	0.575	0.590	0.602	0.563	5.40
27)	s	1,2-dichloroeth	0.078	0.075	0.075	0.076	0.073	0.078	0.076	2.44
28)		1,2-dichloroeth	0.784	0.771	0.760	0.766	0.769	0.757	0.768	1.23
29)		benzene	1.553	1.563	1.518	1.546	1.526	1.517	1.537	1.25
30)		trichloroethene	0.440	0.439	0.423	0.429	0.422	0.413	0.428	2.48
31)		1,2-dichloropro	0.498	0.491	0.488	0.481	0.478	0.477	0.486	1.71
32)		bromodichlorome	0.615	0.608	0.629	0.636	0.642	0.651	0.630	2.58
33)		dibromomethane	0.249	0.255	0.238	0.243	0.246	0.234	0.244	3.09
34)		2-chloroethylvi	0.251	0.247	0.254	0.276	0.284	0.288	0.267	6.80
35)		4-methyl-2-pent	0.527	0.551	0.548	0.577	0.595	0.582	0.564	4.49
36)		cis-1,3-dichlor	0.672	0.660	0.677	0.699	0.724	0.720	0.692	3.86
37)	s	toluene-d8	1.336	1.335	1.354	1.370	1.340	1.352	1.348	1.01
38)		toluene	1.851	1.897	1.840	1.865	1.842	1.826	1.853	1.35
39)		trans-1,3-dichl	0.615	0.623	0.655	0.696	0.721	0.730	0.673	7.37
40)		1,1,2-trichloro	0.293	0.299	0.291	0.302	0.300	0.295	0.297	1.49
41)	s	4-bromofluorobe	0.560	0.563	0.569	0.589	0.565	0.568	0.569	1.81
42)		chlorobenzene-d5	ISTD							
43)		2-hexanone	0.585	0.596	0.595	0.601	0.618	0.608	0.600	1.87
44)		1,3-dichloropro	1.227	1.184	1.142	1.097	1.105	1.075	1.138	5.07
45)		tetrachloroethe	0.791	0.773	0.754	0.737	0.709	0.704	0.745	4.66
46)		dibromochlorome	0.686	0.697	0.702	0.703	0.702	0.712	0.700	1.26
47)		1,2-dibromoetha	0.612	0.652	0.620	0.616	0.598	0.591	0.615	3.47
48)		chlorobenzene	2.020	2.050	1.944	1.844	1.784	1.770	1.902	6.32
49)		1,1,1,2-tetrach	0.679	0.665	0.665	0.645	0.640	0.646	0.657	2.28
50)		ethylbenzene	3.473	3.407	3.303	3.276	3.200	3.248	3.318	3.09
51)		m+p xylene	1.256	1.276	1.239	1.202	1.157	1.131	1.210	4.72
52)		o-xylene	1.246	1.280	1.239	1.205	1.178	1.143	1.215	4.10
53)		styrene	2.010	2.059	2.023	1.981	1.966	1.965	2.001	1.84
54)		bromoform	0.511	0.519	0.503	0.536	0.555	0.558	0.530	4.32
55)		1,4-dichlorobenzene-d	ISTD							
56)		isopropylbenzen	2.586	2.613	2.539	2.493	2.544	2.546	2.554	1.63

(#) = Out of Range

Response Factor Report GCMSV4

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration

Calibration Files
5 =04150913.D 10 =04150914.D 20 =04150915.D
50 =04150916.D 100 =04150917.D 200 =04150918.D

	Compound	5	10	20	50	100	200	Avg	%RSD
57)	1,1,2,2-tetrach	0.587	0.610	0.585	0.567	0.596	0.561	0.584	3.17
58)	1,2,3-trichloro	0.549	0.551	0.538	0.527	0.552	0.532	0.541	2.01
59)	n-propylbenzene	3.122	3.090	2.940	2.977	3.073	3.049	3.042	2.29
60)	bromobenzene	0.786	0.821	0.801	0.753	0.765	0.747	0.779	3.75
61)	p-ethyltoluene	2.746	2.734	2.685	2.653	2.715	2.643	2.696	1.58
62)	1,3,5-trimethyl	1.044	1.055	1.039	1.031	1.035	1.008	1.035	1.52
63)	2-chlorotoluene	0.626	0.645	0.626	0.599	0.609	0.588	0.615	3.40
64)	4-chlorotoluene	0.704	0.674	0.664	0.631	0.628	0.590	0.649	6.17
65)	tert-butylbenze	0.425	0.432	0.432	0.412	0.417	0.403	0.420	2.76
66)	1,2,4-trimethyl	2.210	2.275	2.253	2.172	2.244	2.235	2.232	1.62
67)	sec-butylbenzen	2.181	2.287	2.178	2.204	2.254	2.237	2.223	1.95
68)	4-isopropyltolu	2.110	2.116	2.074	2.092	2.142	2.122	2.109	1.12
69)	1,3-dichloroben	1.429	1.393	1.413	1.316	1.346	1.310	1.368	3.71
70)	1,4-dichloroben	1.535	1.447	1.456	1.374	1.380	1.348	1.423	4.88
71)	1,2,3-trimethyl	2.300	2.317	2.275	2.203	2.269	2.217	2.264	2.00
72)	n-butylbenzene	0.994	1.056	1.008	0.997	1.027	1.001	1.014	2.35
73)	p-diethylbenzen	1.170	1.207	1.182	1.160	1.169	1.133	1.170	2.08
74)	1,2-dichloroben	1.403	1.378	1.379	1.292	1.303	1.265	1.337	4.27
75)	1,2,4,5-tetrame	2.173	2.196	2.166	2.097	2.140	2.163	2.156	1.57
76)	1,2-dibromo-3-c	0.136	0.140	0.145	0.148	0.151	0.148	0.145	3.77
77)	1,2,4-trichloro	0.616	0.609	0.607	0.575	0.590	0.593	0.598	2.51
78)	hexachlorobutad	0.346	0.327	0.311	0.300	0.303	0.313	0.317	5.41
79)	naphthalene	1.316	1.325	1.355	1.294	1.369	1.430	1.348	3.58
80)	1,2,3-trichloro	0.465	0.488	0.460	0.457	0.464	0.480	0.469	2.62

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150913.D Vial: 13
Acq On : 15 Apr 2009 3:16 pm Operator:
Sample : water stnd 5ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:14 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) pentafluorobenzene	3.38	168	4456379	50.00	ug/L		0.00
24) 1,4-difluorobenzene	3.93	114	5992025	50.00	ug/L		0.00
42) chlorobenzene-d5	6.21	82	3723520	50.00	ug/L		0.00
55) 1,4-dichlorobenzene-d4	8.13	152	4366629	50.00	ug/L		0.00
System Monitoring Compounds							
27) 1,2-dichloroethane-d4	3.38	102	465223	51.17	ug/L		0.00
37) toluene-d8	5.17	98	8006127	49.56	ug/L		0.00
41) 4-bromofluorobenzene	7.14	174	3358088	49.22	ug/L		0.00
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.19	85	249414	4.84	ug/L		96
3) chlorodifluoromethane	1.15	51	400803m	5.29	ug/L		
4) chloromethane	1.26	50	352846	5.05	ug/L	#	92
5) vinyl chloride	1.33	62	282474	5.20	ug/L		97
6) bromomethane	1.48	96	88433	4.52	ug/L		92
7) chloroethane	1.53	64	168497	5.22	ug/L		91
8) trichlorofluoromethane	1.76	101	427527	5.27	ug/L		96
9) freon	2.11	151	169606	5.30	ug/L		97
10) acetone	1.81	58	123863	26.53	ug/L		87
11) 1,1-dichloroethene	2.01	96	180283	5.20	ug/L	#	62
12) methylene chloride	2.08	84	254739	5.61	ug/L	#	60
13) carbon disulfide	2.20	76	553228	4.77	ug/L		99
14) tert-butylmethylether	2.50	73	662156	5.01	ug/L	#	98
15) trans-1,2-dichloroethene	2.43	96	196800	4.86	ug/L	#	79
16) vinyl acetate	2.65	43	3521936	21.31	ug/L	#	92
17) 1,1-dichloroethane	2.57	63	496574	5.06	ug/L		97
18) methyl ethyl ketone	2.82	72	113024	24.86	ug/L	#	13
19) 2,2-dichloropropane	3.07	77	346313	4.65	ug/L		100
20) cis-1,2-dichloroethene	2.90	96	239161	5.09	ug/L	#	74
21) chloroform	3.03	83	485058	5.12	ug/L		100
22) bromochloromethane	3.00	128	124337	5.23	ug/L	#	36
23) 1,1,1-trichloroethane	3.49	97	401771	4.76	ug/L	#	90
25) 1,1-dichloropropene	3.62	75	336183	4.92	ug/L		97
26) carbon tetrachloride	3.73	119	314547	4.70	ug/L		97
28) 1,2-dichloroethane	3.43	62	483601m	5.23	ug/L		
29) benzene	3.76	78	930354	5.03	ug/L		99
30) trichloroethene	4.19	95	263670	5.10	ug/L		96
31) 1,2-dichloropropane	4.16	63	298660	5.14	ug/L	#	98
32) bromodichloromethane	4.22	83	368341	4.90	ug/L		100
33) dibromomethane	4.13	93	147586	4.95	ug/L		92
34) 2-chloroethylvinylether	4.53	63	150393	4.72	ug/L		96
35) 4-methyl-2-pentanone	4.77	43	1580322	23.04	ug/L	#	97
36) cis-1,3-dichloropropene	4.67	75	402600	4.85	ug/L		92
38) toluene	5.22	91	1103869	4.94	ug/L		100
39) trans-1,3-dichloropropene	4.98	75	368498	4.57	ug/L		99
40) 1,1,2-trichloroethane	5.08	83	175415	4.88	ug/L		99
43) 2-hexanone	5.39	43	1090037	24.22	ug/L	#	93
44) 1,3-dichloropropane	5.26	76	456712	5.39	ug/L		95
45) tetrachloroethene	5.75	166	294539	5.15	ug/L		98
46) dibromochloromethane	5.43	129	255258	4.92	ug/L		95
47) 1,2-dibromoethane	5.61	107	227891	4.93	ug/L	#	99
48) chlorobenzene	6.24	112	752020	5.32	ug/L	#	88
49) 1,1,1,2-tetrachloroethane	6.18	131	252730	5.21	ug/L	#	1
50) ethylbenzene	6.40	91	1293061	5.29	ug/L		98
51) m+p xylene	6.55	106	935080	10.25	ug/l		93
52) o-xylene	6.84	106	464011	5.05	ug/L		89
53) styrene	6.79	104	748360	5.03	ug/L		94

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150913.D Vial: 13
Acq On : 15 Apr 2009 3:16 pm Operator:
Sample : water stnd 5ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:14 2009 Quant Results File: VW041509.RES

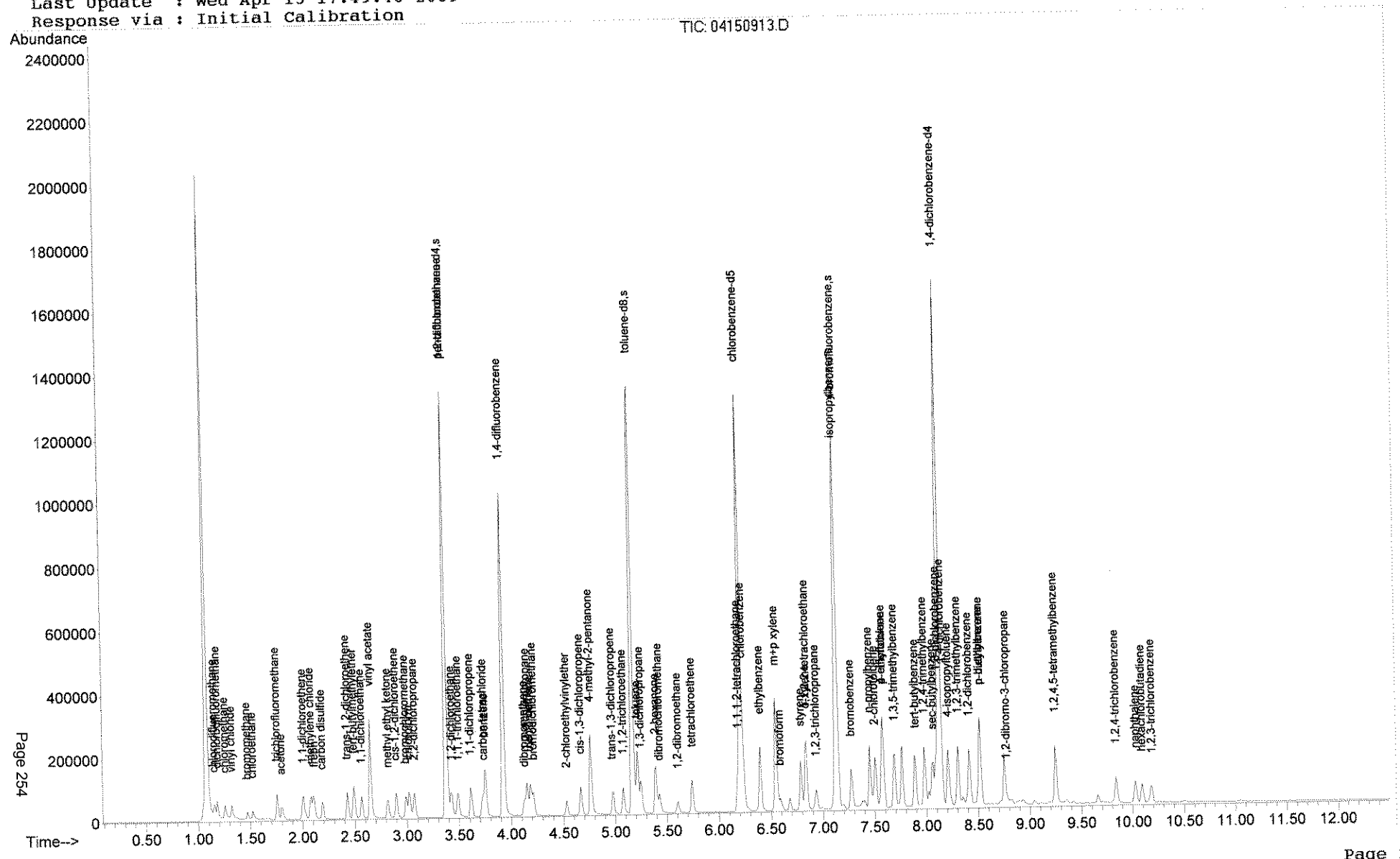
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	6.60	173	190257	4.85 ug/L	96
56) isopropylbenzene	7.12	105	1129166	5.11 ug/L	97
57) 1,1,2,2-tetrachloroethane	6.83	83	256536	4.93 ug/L	99
58) 1,2,3-trichloropropane	6.94	75	239927	5.04 ug/L #	95
59) n-propylbenzene	7.46	91	1363050	5.18 ug/L	100
60) bromobenzene	7.28	156	343318	5.02 ug/L #	78
61) p-ethyltoluene	7.59	105	1198880	5.06 ug/L	97
62) 1,3,5-trimethylbenzene	7.70	120	456014	4.99 ug/L	97
63) 2-chlorotoluene	7.51	126	273310	5.03 ug/L #	71
64) 4-chlorotoluene	7.58	126	307196	5.31 ug/L	95
65) tert-butylbenzene	7.90	134	185728	4.99 ug/L	81
66) 1,2,4-trimethylbenzene	7.99	105	965009	4.98 ug/L	97
67) sec-butylbenzene	8.06	105	952228	4.91 ug/L	99
68) 4-isopropyltoluene	8.21	119	921188	5.01 ug/L	96
69) 1,3-dichlorobenzene	8.10	146	623901	5.21 ug/L	96
70) 1,4-dichlorobenzene	8.15	146	673524m	5.42 ug/L	
71) 1,2,3-trimethylbenzene	8.31	105	1004395	5.07 ug/L	100
72) n-butylbenzene	8.53	92	434081	4.87 ug/L #	76
73) p-diethylbenzene	8.52	119	510818	4.93 ug/L	93
74) 1,2-dichlorobenzene	8.42	146	612851	5.22 ug/L	97
75) 1,2,4,5-tetramethylbenzene	9.25	119	948955	5.11 ug/L	99
76) 1,2-dibromo-3-chloropropan	8.78	157	59492	4.64 ug/L #	70
77) 1,2,4-trichlorobenzene	9.84	180	268842	5.22 ug/L	94
78) hexachlorobutadiene	10.10	225	150962	5.66 ug/L	95
79) naphthalene	10.03	128	574651	5.06 ug/L	98
80) 1,2,3-trichlorobenzene	10.19	180	202877	5.09 ug/L	99

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

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150913.D Vial: 13
Acq On : 15 Apr 2009 3:16 pm Operator:
Sample : water stnd 5ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:26 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150914.D Vial: 14
Acq On : 15 Apr 2009 3:36 pm Operator:
Sample : water stnd 10ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:16 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) pentafluorobenzene	3.38	168	4487646	50.00	ug/L		0.00
24) 1,4-difluorobenzene	3.93	114	6059266	50.00	ug/L		0.00
42) chlorobenzene-d5	6.21	82	3768466	50.00	ug/L		0.00
55) 1,4-dichlorobenzene-d4	8.13	152	4494944	50.00	ug/L		0.00
System Monitoring Compounds							
27) 1,2-dichloroethane-d4	3.38	102	453445	49.32	ug/L		0.00
37) toluene-d8	5.17	98	8089065	49.52	ug/L		0.00
41) 4-bromofluorobenzene	7.14	174	3413703	49.48	ug/L		0.00
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.19	85	485089	9.37	ug/L		99
3) chlorodifluoromethane	1.15	51	805033m	10.56	ug/L		
4) chloromethane	1.26	50	732238	10.41	ug/L		99
5) vinyl chloride	1.33	62	561083	10.25	ug/L		94
6) bromomethane	1.48	96	193464	9.75	ug/L		94
7) chloroethane	1.53	64	310191	9.55	ug/L		100
8) trichlorofluoromethane	1.76	101	846708	10.35	ug/L		99
9) freon	2.11	151	332807	10.34	ug/L		99
10) acetone	1.81	58	230810	49.09	ug/L		99
11) 1,1-dichloroethene	2.01	96	352111	10.08	ug/L	#	54
12) methylene chloride	2.08	84	479582	10.49	ug/L	#	57
13) carbon disulfide	2.20	76	1155932	9.89	ug/L		100
14) tert-butylmethylether	2.50	73	1332393	10.00	ug/L		99
15) trans-1,2-dichloroethene	2.43	96	419537	10.28	ug/L		85
16) vinyl acetate	2.65	43	7329844	44.24	ug/L	#	94
17) 1,1-dichloroethane	2.57	63	1006101	10.17	ug/L		97
18) methyl ethyl ketone	2.82	72	221440	48.37	ug/L	#	1
19) 2,2-dichloropropane	3.08	77	707297	9.39	ug/L		100
20) cis-1,2-dichloroethene	2.90	96	468226	9.90	ug/L	#	71
21) chloroform	3.03	83	970333	10.17	ug/L		99
22) bromochloromethane	3.00	128	243710	10.19	ug/L	#	37
23) 1,1,1-trichloroethane	3.50	97	863773	10.15	ug/L		90
25) 1,1-dichloropropene	3.62	75	699296	10.12	ug/L		99
26) carbon tetrachloride	3.73	119	667994	9.85	ug/L		96
28) 1,2-dichloroethane	3.43	62	960932m	10.29	ug/L		
29) benzene	3.76	78	1893554	10.13	ug/L		98
30) trichloroethene	4.19	95	532103	10.18	ug/L		99
31) 1,2-dichloropropane	4.16	63	595023	10.14	ug/L		97
32) bromodichloromethane	4.22	83	737196	9.69	ug/L		97
33) dibromomethane	4.13	93	308657	10.25	ug/L		92
34) 2-chloroethylvinylether	4.53	63	299045	9.26	ug/L		93
35) 4-methyl-2-pentanone	4.77	43	3340794	48.15	ug/L	#	96
36) cis-1,3-dichloropropene	4.67	75	799492	9.51	ug/L		100
38) toluene	5.22	91	2298602	10.18	ug/L		100
39) trans-1,3-dichloropropene	4.98	75	755011	9.23	ug/L		96
40) 1,1,2-trichloroethane	5.08	83	362685	9.98	ug/L		100
43) 2-hexanone	5.39	43	2244928	49.26	ug/L	#	92
44) 1,3-dichloropropane	5.26	76	892607	10.42	ug/L		95
45) tetrachloroethene	5.75	166	582562	10.08	ug/L		97
46) dibromochloromethane	5.43	129	525082	9.99	ug/L		96
47) 1,2-dibromoethane	5.61	107	491430	10.51	ug/L		95
48) chlorobenzene	6.24	112	1544832	10.82	ug/L		91
49) 1,1,1,2-tetrachloroethane	6.18	131	500831	10.21	ug/L	#	1
50) ethylbenzene	6.40	91	2568136	10.39	ug/L		97
51) m+p xylene	6.55	106	1923242	20.87	ug/l		90
52) o-xylene	6.84	106	964624	10.40	ug/L		87
53) styrene	6.79	104	1551629	10.30	ug/L		94

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150914.D Vial: 14
Acq On : 15 Apr 2009 3:36 pm Operator:
Sample : water stnd 10ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:16 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	6.60	173	391372	9.85 ug/L	99
56) isopropylbenzene	7.12	105	2349350	10.33 ug/L	97
57) 1,1,2,2-tetrachloroethane	6.83	83	548822	10.27 ug/L	95
58) 1,2,3-trichloropropane	6.94	75	495228	10.11 ug/L #	95
59) n-propylbenzene	7.46	91	2778240	10.25 ug/L	99
60) bromobenzene	7.28	156	738282	10.51 ug/L #	85
61) p-ethyltoluene	7.59	105	2457531	10.09 ug/L	97
62) 1,3,5-trimethylbenzene	7.70	120	948157	10.08 ug/L	100
63) 2-chlorotoluene	7.51	126	580271	10.40 ug/L #	78
64) 4-chlorotoluene	7.58	126	605755	10.21 ug/L	82
65) tert-butylbenzene	7.90	134	388644	10.16 ug/L	85
66) 1,2,4-trimethylbenzene	7.99	105	2044998	10.25 ug/L	99
67) sec-butylbenzene	8.06	105	2055956	10.30 ug/L	98
68) 4-isopropyltoluene	8.22	119	1902239	10.04 ug/L	97
69) 1,3-dichlorobenzene	8.10	146	1252455	10.17 ug/L	97
70) 1,4-dichlorobenzene	8.15	146	1300715	10.18 ug/L	96
71) 1,2,3-trimethylbenzene	8.31	105	2083312	10.22 ug/L	99
72) n-butylbenzene	8.53	92	949364	10.35 ug/L #	78
73) p-diethylbenzene	8.52	119	1084773	10.19 ug/L	97
74) 1,2-dichlorobenzene	8.42	146	1238793	10.27 ug/L	96
75) 1,2,4,5-tetramethylbenzene	9.25	119	1974237	10.32 ug/L	99
76) 1,2-dibromo-3-chloropropan	8.78	157	126187	9.55 ug/L #	79
77) 1,2,4-trichlorobenzene	9.84	180	547795	10.33 ug/L	94
78) hexachlorobutadiene	10.10	225	294003	10.71 ug/L	97
79) naphthalene	10.03	128	1191118	10.16 ug/L	98
80) 1,2,3-trichlorobenzene	10.19	180	438833	10.67 ug/L	96

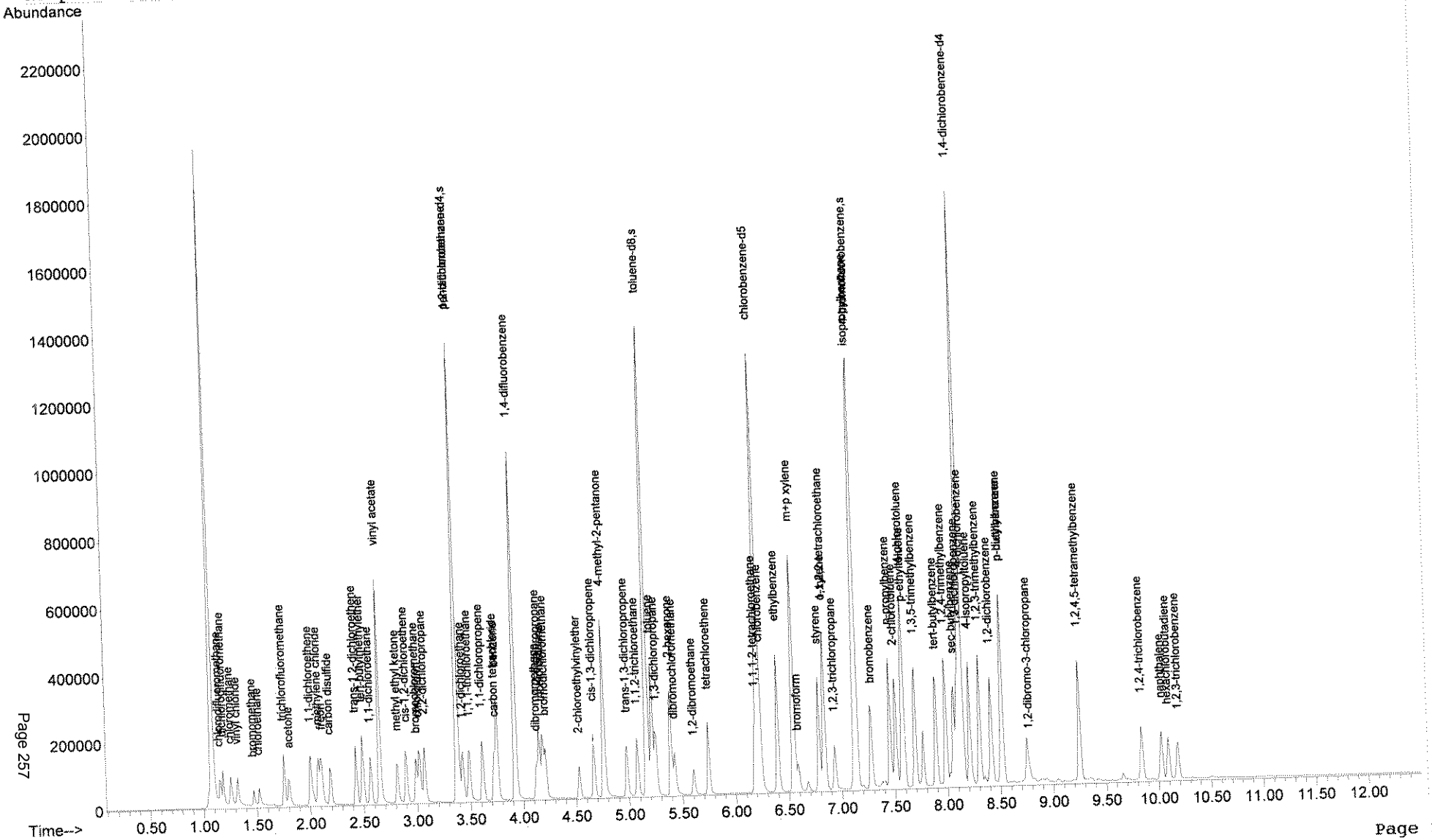
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150914.D Vial: 14
Acq On : 15 Apr 2009 3:36 pm Operator:
Sample : water stnd 10ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:27 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration

TIC: 04150914.D



04150914.D VW041509.M Wed Apr 29 12:49:11 2009 GCMSV4

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150915.D Vial: 15
Acq On : 15 Apr 2009 3:57 pm Operator:
Sample : water stnd 20ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:18 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) pentafluorobenzene	3.38	168	4523274	50.00	ug/L		0.00
24) 1,4-difluorobenzene	3.93	114	6113565	50.00	ug/L		0.00
42) chlorobenzene-d5	6.21	82	3868989	50.00	ug/L		0.00
55) 1,4-dichlorobenzene-d4	8.13	152	4526424	50.00	ug/L		0.00
System Monitoring Compounds							
27) 1,2-dichloroethane-d4	3.38	102	459099	49.49	ug/L		0.00
37) toluene-d8	5.17	98	8276206	50.22	ug/L		0.00
41) 4-bromofluorobenzene	7.14	174	3477926	49.97	ug/L		0.00
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.19	85	976204	18.80	ug/L		100
3) chlorodifluoromethane	1.15	51	1494891m	19.47	ug/L		
4) chloromethane	1.26	50	1423449	20.14	ug/L	#	96
5) vinyl chloride	1.33	62	1063316	19.29	ug/L		97
6) bromomethane	1.48	96	402795	19.91	ug/L		94
7) chloroethane	1.53	64	639672	19.52	ug/L		93
8) trichlorofluoromethane	1.76	101	1580966	19.17	ug/L		99
9) freon	2.11	151	627525	19.35	ug/L		99
10) acetone	1.81	58	460202	97.13	ug/L		97
11) 1,1-dichloroethene	2.01	96	697547	19.77	ug/L	#	61
12) methylene chloride	2.08	84	925589	20.11	ug/L	#	58
13) carbon disulfide	2.20	76	2257978	19.12	ug/L		99
14) tert-butylmethylether	2.50	73	2642578	19.62	ug/L		98
15) trans-1,2-dichloroethene	2.43	96	822794	20.01	ug/L		83
16) vinyl acetate	2.65	43	15059280	91.02	ug/L	#	94
17) 1,1-dichloroethane	2.57	63	1975623	19.78	ug/L		97
18) methyl ethyl ketone	2.82	72	455387	98.66	ug/L	#	12
19) 2,2-dichloropropane	3.08	77	1451622	18.98	ug/L		99
20) cis-1,2-dichloroethene	2.90	96	977621	20.50	ug/L	#	75
21) chloroform	3.03	83	1931952	20.09	ug/L		98
22) bromochloromethane	3.00	128	473588	19.70	ug/L	#	28
23) 1,1,1-trichloroethane	3.50	97	1641637	19.11	ug/L		90
25) 1,1-dichloropropene	3.62	75	1339159	19.18	ug/L		98
26) carbon tetrachloride	3.73	119	1314097	19.13	ug/L		97
28) 1,2-dichloroethane	3.43	62	1850686m	19.65	ug/L		
29) benzene	3.76	78	3713355	19.71	ug/L		99
30) trichloroethene	4.19	95	1033721	19.65	ug/L		99
31) 1,2-dichloropropane	4.16	63	1192598	20.16	ug/L		97
32) bromodichloromethane	4.22	83	1537571	20.00	ug/L		99
33) dibromomethane	4.12	93	581281	19.19	ug/L		88
34) 2-chloroethylvinylether	4.53	63	620377	18.96	ug/L		94
35) 4-methyl-2-pentanone	4.77	43	6704948	95.66	ug/L	#	95
36) cis-1,3-dichloropropene	4.67	75	1654474	19.47	ug/L		98
38) toluene	5.22	91	4499936	19.76	ug/L		100
39) trans-1,3-dichloropropene	4.98	75	1602106	19.32	ug/L		98
40) 1,1,2-trichloroethane	5.08	83	711102	19.40	ug/L		97
43) 2-hexanone	5.39	43	4601466	98.31	ug/L	#	91
44) 1,3-dichloropropane	5.26	76	1767613	20.16	ug/L		96
45) tetrachloroethene	5.75	166	1167228	19.78	ug/L		97
46) dibromochloromethane	5.43	129	1086357	20.10	ug/L		99
47) 1,2-dibromoethane	5.61	107	958923	20.03	ug/L		97
48) chlorobenzene	6.24	112	3009150	20.61	ug/L		92
49) 1,1,1,2-tetrachloroethane	6.18	131	1028788	20.44	ug/L	#	1
50) ethylbenzene	6.40	91	5112306	20.16	ug/L		98
51) m+p xylene	6.55	106	3834378	40.69	ug/l		91
52) o-xylene	6.84	106	1917922	20.21	ug/L		89
53) styrene	6.79	104	3130306	20.26	ug/L		95

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150915.D Vial: 15
Acq On : 15 Apr 2009 3:57 pm Operator:
Sample : water stnd 20ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:18 2009 Quant Results File: VW041509.RES

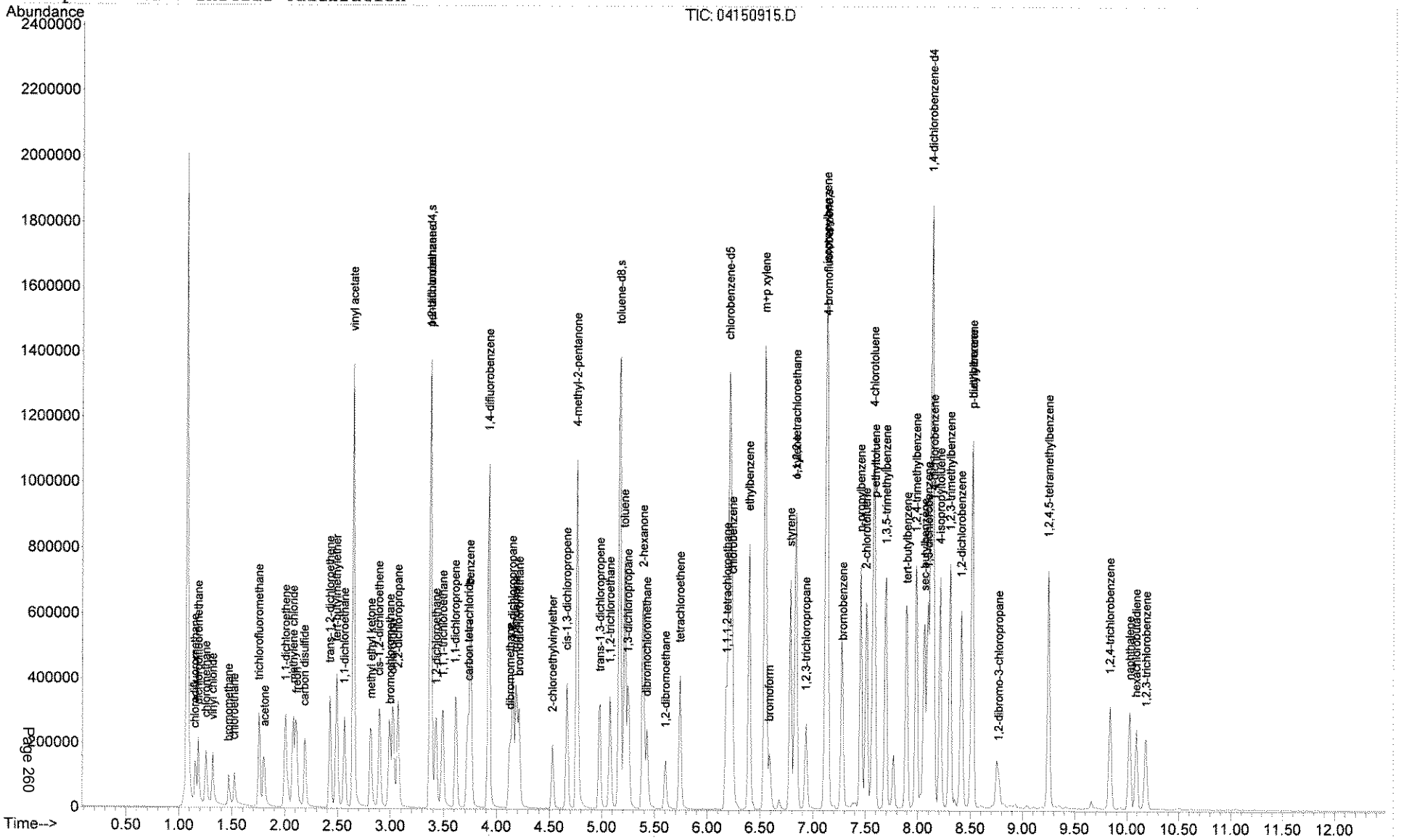
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	6.60	173	778858	19.03 ug/L	98
56) isopropylbenzene	7.12	105	4597540	20.06 ug/L	98
57) 1,1,2,2-tetrachloroethane	6.83	83	1059603	19.74 ug/L	98
58) 1,2,3-trichloropropane	6.94	75	973210	19.75 ug/L #	95
59) n-propylbenzene	7.46	91	5323817	19.49 ug/L	98
60) bromobenzene	7.28	156	1450522	20.56 ug/L #	84
61) p-ethyltoluene	7.59	105	4861336	19.84 ug/L	96
62) 1,3,5-trimethylbenzene	7.70	120	1880960	19.89 ug/L	98
63) 2-chlorotoluene	7.51	126	1132705	20.21 ug/L #	77
64) 4-chlorotoluene	7.58	126	1202961	20.25 ug/L	83
65) tert-butylbenzene	7.90	134	781835	20.36 ug/L	90
66) 1,2,4-trimethylbenzene	7.99	105	4079693	20.30 ug/L	98
67) sec-butylbenzene	8.06	105	3942812	19.60 ug/L	98
68) 4-isopropyltoluene	8.21	119	3754806	19.67 ug/L	96
69) 1,3-dichlorobenzene	8.10	146	2557691	20.67 ug/L	98
70) 1,4-dichlorobenzene	8.15	146	2635573	20.54 ug/L	96
71) 1,2,3-trimethylbenzene	8.31	105	4118569	20.09 ug/L	99
72) n-butylbenzene	8.53	92	1825732	19.79 ug/L #	76
73) p-diethylbenzene	8.52	119	2140227	20.00 ug/L	98
74) 1,2-dichlorobenzene	8.42	146	2497131	20.62 ug/L	98
75) 1,2,4,5-tetramethylbenzene	9.25	119	3921057	20.34 ug/L	97
76) 1,2-dibromo-3-chloropropan	8.78	157	262696	19.73 ug/L #	81
77) 1,2,4-trichlorobenzene	9.84	180	1098928	20.58 ug/L	95
78) hexachlorobutadiene	10.10	225	563768	20.37 ug/L	98
79) naphthalene	10.03	128	2452495	20.67 ug/L	99
80) 1,2,3-trichlorobenzene	10.19	180	832629	20.06 ug/L	98

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

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150915.D Vial: 15
Acq On : 15 Apr 2009 3:57 pm Operator:
Sample : water stnd 20ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:28 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150916.D Vial: 16
Acq On : 15 Apr 2009 4:17 pm Operator:
Sample : water stnd 50ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:20 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) pentafluorobenzene	3.38	168	4894444	50.00	ug/L		0.00
24) 1,4-difluorobenzene	3.93	114	6480974	50.00	ug/L		0.00
42) chlorobenzene-d5	6.21	82	4284795	50.00	ug/L		0.00
55) 1,4-dichlorobenzene-d4	8.13	152	5133826	50.00	ug/L		0.00
System Monitoring Compounds							
27) 1,2-dichloroethane-d4	3.38	102	492433m	50.07	ug/L		0.00
37) toluene-d8	5.17	98	8880944	50.83	ug/L		0.00
41) 4-bromofluorobenzene	7.14	174	3819277	51.76	ug/L		0.00
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.19	85	2784306	50.49	ug/L		99
3) chlorodifluoromethane	1.15	51	4019227m	48.58	ug/L		
4) chloromethane	1.26	50	3647458	48.09	ug/L	#	97
5) vinyl chloride	1.33	62	2982003	50.04	ug/L		94
6) bromomethane	1.48	96	1092723	48.36	ug/L		92
7) chloroethane	1.53	64	1746565	49.22	ug/L		92
8) trichlorofluoromethane	1.76	101	4413977	49.42	ug/L		99
9) freon	2.11	151	1767674	50.44	ug/L		100
10) acetone	1.81	58	1260758	246.04	ug/L		90
11) 1,1-dichloroethene	2.01	96	1917142	49.96	ug/L	#	60
12) methylene chloride	2.08	84	2402782	48.38	ug/L	#	58
13) carbon disulfide	2.20	76	6449096	50.03	ug/L		99
14) tert-butylmethylether	2.50	73	7232879	49.21	ug/L		98
15) trans-1,2-dichloroethene	2.43	96	2205563	49.59	ug/L	#	82
16) vinyl acetate	2.65	43	42236620	243.28	ug/L	#	92
17) 1,1-dichloroethane	2.57	63	5380994	49.54	ug/L		97
18) methyl ethyl ketone	2.82	72	1187991	237.71	ug/L	#	1
19) 2,2-dichloropropane	3.08	77	4274204	50.43	ug/L		96
20) cis-1,2-dichloroethene	2.90	96	2555695	49.54	ug/L	#	72
21) chloroform	3.03	83	5149759	49.51	ug/L		99
22) bromochloromethane	3.00	128	1273407	49.34	ug/L	#	29
23) 1,1,1-trichloroethane	3.50	97	4705862	50.34	ug/L	#	89
25) 1,1-dichloropropene	3.62	75	3749457	50.46	ug/L		98
26) carbon tetrachloride	3.73	119	3725932	50.50	ug/L		99
28) 1,2-dichloroethane	3.43	62	4982784m	50.05	ug/L		
29) benzene	3.76	78	10021319	50.31	ug/L		99
30) trichloroethene	4.19	95	2780590	50.20	ug/L		99
31) 1,2-dichloropropane	4.16	63	3118873	49.85	ug/L		97
32) bromodichloromethane	4.22	83	4120819	50.24	ug/L		99
33) dibromomethane	4.13	93	1577370	49.55	ug/L		90
34) 2-chloroethylvinylether	4.53	63	1787029	50.80	ug/L		95
35) 4-methyl-2-pentanone	4.77	43	18682297	250.50	ug/L	#	95
36) cis-1,3-dichloropropene	4.67	75	4527152	49.90	ug/L		97
38) toluene	5.22	91	12089405	50.26	ug/L		99
39) trans-1,3-dichloropropene	4.98	75	4508223	50.56	ug/L		97
40) 1,1,2-trichloroethane	5.08	83	1957731	50.51	ug/L		98
43) 2-hexanone	5.39	43	12875477	248.06	ug/L	#	91
44) 1,3-dichloropropane	5.26	76	4701388	48.83	ug/L		97
45) tetrachloroethene	5.75	166	3159523	49.11	ug/L		98
46) dibromochloromethane	5.43	129	3014109	50.20	ug/L		98
47) 1,2-dibromoethane	5.61	107	2638631	50.18	ug/L		96
48) chlorobenzene	6.24	112	7902722	49.42	ug/L		93
49) 1,1,1,2-tetrachloroethane	6.18	131	2765316	49.68	ug/L		92
50) ethylbenzene	6.40	91	14036582	50.10	ug/L		98
51) m+p xylene	6.55	106	10298162	99.92	ug/l		90
52) o-xylene	6.84	106	5164367	49.72	ug/L		87
53) styrene	6.79	104	8487807	49.75	ug/L		98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150916.D Vial: 16
Acq On : 15 Apr 2009 4:17 pm Operator:
Sample : water stnd 50ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:20 2009 Quant Results File: VW041509.RES

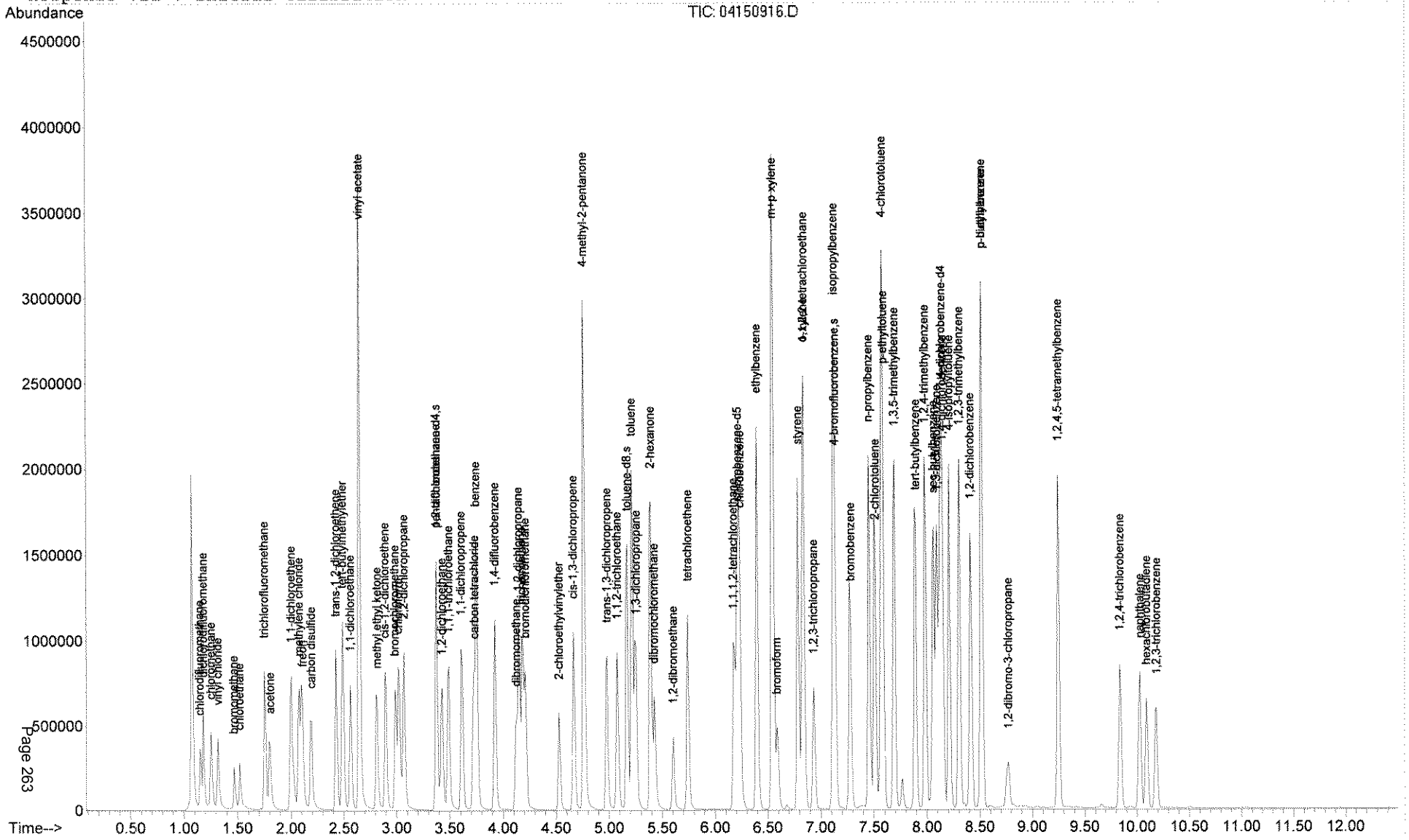
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
54)	bromoform	6.60	173	2295556	50.12	ug/L		95
56)	isopropylbenzene	7.12	105	12798383	49.20	ug/L		97
57)	1,1,2,2-tetrachloroethane	6.83	83	2908771	48.16	ug/L		99
58)	1,2,3-trichloropropane	6.94	75	2704484	48.55	ug/L	#	95
59)	n-propylbenzene	7.46	91	15283162	49.22	ug/L		100
60)	bromobenzene	7.28	156	3864608	48.62	ug/L	#	82
61)	p-ethyltoluene	7.59	105	13618808	49.17	ug/L		96
62)	1,3,5-trimethylbenzene	7.70	120	5293358	49.64	ug/L		95
63)	2-chlorotoluene	7.52	126	3074917	48.76	ug/L	#	76
64)	4-chlorotoluene	7.58	126	3237498	48.83	ug/L		78
65)	tert-butylbenzene	7.90	134	2115882	48.97	ug/L		84
66)	1,2,4-trimethylbenzene	7.99	105	11150618	48.85	ug/L		98
67)	sec-butylbenzene	8.06	105	11314659	49.52	ug/L		97
68)	4-isopropyltoluene	8.22	119	10741233	49.55	ug/L		96
69)	1,3-dichlorobenzene	8.10	146	6754813	48.45	ug/L		100
70)	1,4-dichlorobenzene	8.15	146	7052426	48.86	ug/L		98
71)	1,2,3-trimethylbenzene	8.31	105	11307362	48.78	ug/L		99
72)	n-butylbenzene	8.53	92	5116417	49.01	ug/L	#	77
73)	p-diethylbenzene	8.52	119	5954473	49.39	ug/L		96
74)	1,2-dichlorobenzene	8.42	146	6633335	48.71	ug/L		98
75)	1,2,4,5-tetramethylbenzene	9.25	119	10766372	49.13	ug/L		97
76)	1,2-dibromo-3-chloropropan	8.78	157	758115	50.09	ug/L	#	86
77)	1,2,4-trichlorobenzene	9.84	180	2954362	48.75	ug/L		97
78)	hexachlorobutadiene	10.10	225	1538230	48.87	ug/L		98
79)	naphthalene	10.03	128	6641884	48.67	ug/L		98
80)	1,2,3-trichlorobenzene	10.19	180	2347572	49.52	ug/L		98

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

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150916.D Vial: 16
Acq On : 15 Apr 2009 4:17 pm Operator:
Sample : water stnd 50ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:29 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150917.D Vial: 17
Acq On : 15 Apr 2009 4:38 pm Operator:
Sample : water stnd 100ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:22 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) pentafluorobenzene	3.38	168	5218142	50.00	ug/L		0.00
24) 1,4-difluorobenzene	3.93	114	6934611	50.00	ug/L		0.00
42) chlorobenzene-d5	6.21	82	4584375	50.00	ug/L		0.00
55) 1,4-dichlorobenzene-d4	8.13	152	5232748	50.00	ug/L		0.00
System Monitoring Compounds							
27) 1,2-dichloroethane-d4	3.38	102	532937m	50.65	ug/L		0.00
37) toluene-d8	5.17	98	9292676	49.71	ug/L		0.00
41) 4-bromofluorobenzene	7.14	174	3920830	49.66	ug/L		0.00
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.19	85	5883969	103.30	ug/L		98
3) chlorodifluoromethane	1.15	51	8868389m	101.30	ug/L		
4) chloromethane	1.26	50	7936249	99.63	ug/L	#	95
5) vinyl chloride	1.32	62	6380215	100.62	ug/L		96
6) bromomethane	1.48	96	2644988	103.50	ug/L		94
7) chloroethane	1.53	64	3799941	100.31	ug/L		93
8) trichlorofluoromethane	1.76	101	9649791	101.16	ug/L		99
9) freon	2.11	151	3701183	99.27	ug/L		100
10) acetone	1.81	58	2783148	509.87	ug/L		91
11) 1,1-dichloroethene	2.01	96	4123225	99.94	ug/L	#	57
12) methylene chloride	2.08	84	5272313	100.11	ug/L	#	60
13) carbon disulfide	2.20	76	14235311	102.11	ug/L		99
14) tert-butylmethylether	2.50	73	16185444	101.78	ug/L		98
15) trans-1,2-dichloroethene	2.43	96	4752460	100.35	ug/L	#	79
16) vinyl acetate	2.65	43	95944531	553.52	ug/L	#	92
17) 1,1-dichloroethane	2.57	63	11757074	100.62	ug/L		97
18) methyl ethyl ketone	2.82	72	2760696	517.43	ug/L	#	10
19) 2,2-dichloropropane	3.08	77	9640543	102.65	ug/L		95
20) cis-1,2-dichloroethene	2.90	96	5486780	99.81	ug/L	#	73
21) chloroform	3.03	83	11083024	100.02	ug/L		99
22) bromochloromethane	3.00	128	2733488	100.75	ug/L	#	29
23) 1,1,1-trichloroethane	3.50	97	10184775	101.22	ug/L	#	90
25) 1,1-dichloropropene	3.62	75	8054631	100.68	ug/L		99
26) carbon tetrachloride	3.73	119	8187373	101.57	ug/L		98
28) 1,2-dichloroethane	3.43	62	10656909m	100.48	ug/L		
29) benzene	3.76	78	21161545	99.73	ug/L		98
30) trichloroethene	4.19	95	5848143	99.80	ug/L		99
31) 1,2-dichloropropane	4.16	63	6625292	99.38	ug/L		98
32) bromodichloromethane	4.22	83	8900254	100.40	ug/L		99
33) dibromomethane	4.13	93	3411333	101.71	ug/L		90
34) 2-chloroethylvinylether	4.53	63	3942674	102.39	ug/L		95
35) 4-methyl-2-pentanone	4.77	43	41286774	514.10	ug/L	#	95
36) cis-1,3-dichloropropene	4.67	75	10043318	102.23	ug/L		97
38) toluene	5.22	91	25540632	99.78	ug/L		100
39) trans-1,3-dichloropropene	4.98	75	10006355	102.46	ug/L		96
40) 1,1,2-trichloroethane	5.08	83	4155362	100.60	ug/L		99
43) 2-hexanone	5.39	43	28324210	508.82	ug/L	#	91
44) 1,3-dichloropropane	5.26	76	10132258	99.85	ug/L		95
45) tetrachloroethene	5.75	166	6497878	96.86	ug/L		99
46) dibromochloromethane	5.43	129	6439855	99.72	ug/L		96
47) 1,2-dibromoethane	5.61	107	5485437	98.79	ug/L		97
48) chlorobenzene	6.24	112	16355722	97.39	ug/L		92
49) 1,1,1,2-tetrachloroethane	6.19	131	5872360	98.87	ug/L		95
50) ethylbenzene	6.40	91	29343286	98.22	ug/L		96
51) m+p xylene	6.55	106	21223279	196.48	ug/l		86
52) o-xylene	6.85	106	10798943	99.10	ug/L		88
53) styrene	6.79	104	18027819	99.26	ug/L		98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150917.D Vial: 17
Acq On : 15 Apr 2009 4:38 pm Operator:
Sample : water stnd 100ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:22 2009 Quant Results File: VW041509.RES

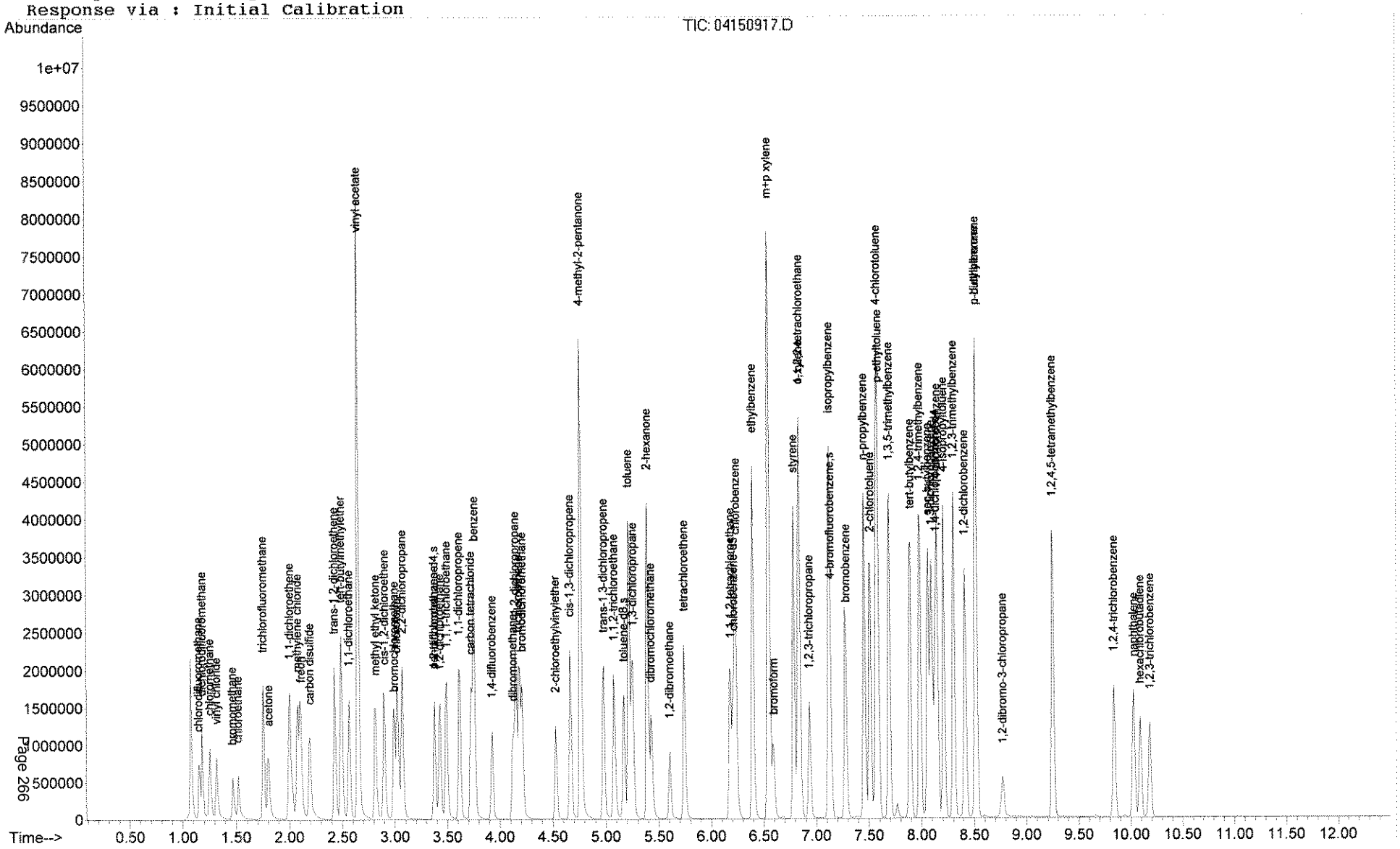
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
54) bromoform	6.60	173	5084804	102.03 ug/L		97
56) isopropylbenzene	7.13	105	26626206	100.26 ug/L		96
57) 1,1,2,2-tetrachloroethane	6.83	83	6239416	102.93 ug/L		97
58) 1,2,3-trichloropropane	6.94	75	5778002	102.35 ug/L	#	95
59) n-propylbenzene	7.46	91	32159186	101.26 ug/L		99
60) bromobenzene	7.28	156	8003578	100.02 ug/L	#	82
61) p-ethyltoluene	7.59	105	28415689	101.28 ug/L		94
62) 1,3,5-trimethylbenzene	7.70	120	10831719	100.62 ug/L		92
63) 2-chlorotoluene	7.52	126	6375712	100.67 ug/L	#	74
64) 4-chlorotoluene	7.58	126	6576900	100.26 ug/L		72
65) tert-butylbenzene	7.90	134	4366800	100.59 ug/L	#	81
66) 1,2,4-trimethylbenzene	7.99	105	23488257	100.75 ug/L		99
67) sec-butylbenzene	8.07	105	23587682	101.05 ug/L		97
68) 4-isopropyltoluene	8.22	119	22412847	101.17 ug/L		96
69) 1,3-dichlorobenzene	8.10	146	14090075	100.38 ug/L		98
70) 1,4-dichlorobenzene	8.15	146	14437767	99.57 ug/L		97
71) 1,2,3-trimethylbenzene	8.31	105	23750742	101.11 ug/L		98
72) n-butylbenzene	8.53	92	10744719	101.46 ug/L	#	79
73) p-diethylbenzene	8.52	119	12231431	100.71 ug/L		97
74) 1,2-dichlorobenzene	8.42	146	13632765	99.83 ug/L		98
75) 1,2,4,5-tetramethylbenzene	9.25	119	22399311	99.87 ug/L		97
76) 1,2-dibromo-3-chloropropan	8.78	157	1577887	101.91 ug/L	#	85
77) 1,2,4-trichlorobenzene	9.84	180	6169701	99.79 ug/L		97
78) hexachlorobutadiene	10.10	225	3172707	98.42 ug/L		98
79) naphthalene	10.03	128	14325561	100.40 ug/L		99
80) 1,2,3-trichlorobenzene	10.19	180	4852430	99.21 ug/L		99

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

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150917.D Vial: 17
Acq On : 15 Apr 2009 4:38 pm Operator:
Sample : water stnd 100ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:30 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150918.D Vial: 18
Acq On : 15 Apr 2009 4:58 pm Operator:
Sample : water stnd 200ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:24 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) pentafluorobenzene	3.38	168	5335256	50.00	ug/L		0.00
24) 1,4-difluorobenzene	3.93	114	7088549	50.00	ug/L		0.00
42) chlorobenzene-d5	6.21	82	4616185m	50.00	ug/L		0.00
55) 1,4-dichlorobenzene-d4	8.14	152	5433955	50.00	ug/L		0.00
System Monitoring Compounds							
27) 1,2-dichloroethane-d4	3.38	102	545059m	50.67	ug/L		0.00
37) toluene-d8	5.17	98	9584574	50.16	ug/L		0.00
41) 4-bromofluorobenzene	7.14	174	4028064	49.91	ug/L		0.00
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.19	85	10873075	198.16	ug/L		99
3) chlorodifluoromethane	1.15	51	17572123m	199.10	ug/L		
4) chloromethane	1.26	50	15411752	194.68	ug/L	#	97
5) vinyl chloride	1.32	62	12683062	196.32	ug/L		95
6) bromomethane	1.48	96	5711322	198.86	ug/L		92
7) chloroethane	1.53	64	7769122	200.02	ug/L		92
8) trichlorofluoromethane	1.76	101	19537631	199.63	ug/L		99
9) freon	2.11	151	7600519	200.30	ug/L		99
10) acetone	1.81	58	5551899	996.34	ug/L		91
11) 1,1-dichloroethene	2.01	96	8581570	200.05	ug/L	#	58
12) methylene chloride	2.08	84	10672578	200.31	ug/L	#	57
13) carbon disulfide	2.20	76	29124279	199.08	ug/L		99
14) tert-butylmethylether	2.50	73	33295707	199.37	ug/L		98
15) trans-1,2-dichloroethene	2.43	96	9658416	199.92	ug/L	#	78
16) vinyl acetate	2.66	43	156247344	969.95	ug/L		96
17) 1,1-dichloroethane	2.57	63	24283059	199.82	ug/L		96
18) methyl ethyl ketone	2.82	72	5307550	970.81	ug/L	#	4
19) 2,2-dichloropropane	3.08	77	20424897	198.85	ug/L		95
20) cis-1,2-dichloroethene	2.90	96	11239493	200.16	ug/L	#	72
21) chloroform	3.03	83	22635448	200.09	ug/L		98
22) bromochloromethane	3.00	128	5390665	199.80	ug/L	#	23
23) 1,1,1-trichloroethane	3.50	97	20890810	199.41	ug/L	#	90
25) 1,1-dichloropropene	3.62	75	16525467	199.63	ug/L		98
26) carbon tetrachloride	3.73	119	17060750	199.25	ug/L		98
28) 1,2-dichloroethane	3.43	62	20108174	186.89	ug/L	#	97
29) benzene	3.76	78	43014549	200.08	ug/L		98
30) trichloroethene	4.19	95	11707858	200.08	ug/L		98
31) 1,2-dichloropropane	4.16	63	13538932	200.33	ug/L		97
32) bromodichloromethane	4.22	83	18463302	199.77	ug/L		99
33) dibromomethane	4.13	93	6633961	199.29	ug/L		89
34) 2-chloroethylvinylether	4.53	63	8155537	198.85	ug/L		94
35) 4-methyl-2-pentanone	4.77	43	82500109	993.54	ug/L	#	94
36) cis-1,3-dichloropropene	4.67	75	20427943	199.03	ug/L		97
38) toluene	5.22	91	51762304	200.06	ug/L		99
39) trans-1,3-dichloropropene	4.98	75	20700877	198.84	ug/L		96
40) 1,1,2-trichloroethane	5.08	83	8363349	199.63	ug/L		96
43) 2-hexanone	5.40	43	56792350	1008.63	ug/L	#	90
44) 1,3-dichloropropane	5.26	76	20103712	203.01	ug/L		95
45) tetrachloroethene	5.75	166	13166767	207.52	ug/L		98
46) dibromochloromethane	5.43	129	13313405	202.53	ug/L		98
47) 1,2-dibromoethane	5.61	107	11039465	203.21	ug/L		97
48) chlorobenzene	6.24	112	33090025	204.20	ug/L		91
49) 1,1,1,2-tetrachloroethane	6.19	131	12078033	203.12	ug/L	#	91
50) ethylbenzene	6.40	91	60726748	203.37	ug/L		94
51) m+p xylene	6.55	106	42285138	407.33	ug/l		80
52) o-xylene	6.85	106	21368217	203.25	ug/L		83
53) styrene	6.79	104	36732626	202.95	ug/L		96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150918.D Vial: 18
Acq On : 15 Apr 2009 4:58 pm Operator:
Sample : water stnd 200ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:24:24 2009 Quant Results File: VW041509.RES

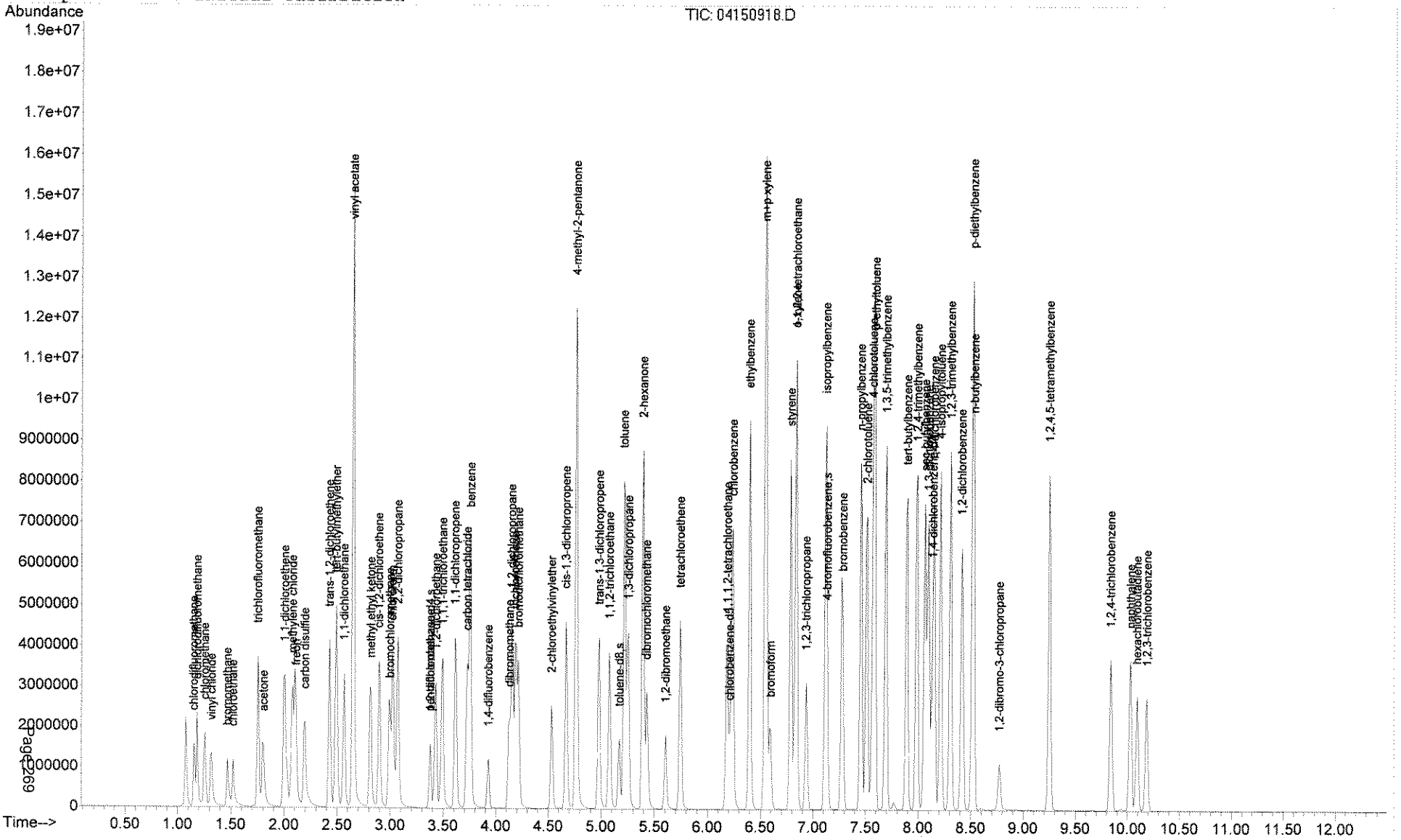
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:22:39 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
54) bromoform	6.60	173	10434916	201.45	ug/L		97
56) isopropylbenzene	7.13	105	55329111	200.04	ug/L		94
57) 1,1,2,2-tetrachloroethane	6.83	83	12184271	198.97	ug/L		97
58) 1,2,3-trichloropropane	6.94	75	11555377	199.19	ug/L	#	95
59) n-propylbenzene	7.46	91	66272161	199.60	ug/L		98
60) bromobenzene	7.28	156	16231911	200.27	ug/L	#	81
61) p-ethyltoluene	7.59	105	57453257	199.57	ug/L		93
62) 1,3,5-trimethylbenzene	7.70	120	21910824	199.78	ug/L		90
63) 2-chlorotoluene	7.52	126	12775104	199.94	ug/L	#	69
64) 4-chlorotoluene	7.57	126	12835761m	200.18	ug/L		
65) tert-butylbenzene	7.90	134	8762381	199.92	ug/L	#	77
66) 1,2,4-trimethylbenzene	7.99	105	48580306	199.87	ug/L		100
67) sec-butylbenzene	8.07	105	48612224	199.63	ug/L		96
68) 4-isopropyltoluene	8.22	119	46129092	199.56	ug/L		95
69) 1,3-dichlorobenzene	8.10	146	28474075	200.13	ug/L		98
70) 1,4-dichlorobenzene	8.15	146	29299954	200.46	ug/L		97
71) 1,2,3-trimethylbenzene	8.31	105	48189486	199.72	ug/L		97
72) n-butylbenzene	8.53	92	21749268	199.52	ug/L	#	77
73) p-diethylbenzene	8.52	119	24623938	199.78	ug/L		95
74) 1,2-dichlorobenzene	8.42	146	27497061	200.35	ug/L		98
75) 1,2,4,5-tetramethylbenzene	9.25	119	47023502	200.23	ug/L		94
76) 1,2-dibromo-3-chloropropan	8.78	157	3222586	199.09	ug/L	#	82
77) 1,2,4-trichlorobenzene	9.84	180	12885436	200.34	ug/L		97
78) hexachlorobutadiene	10.10	225	6794817	200.96	ug/L		99
79) naphthalene	10.03	128	31073510	200.04	ug/L		99
80) 1,2,3-trichlorobenzene	10.19	180	10430920	200.45	ug/L		98

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

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150918.D Vial: 18
Acq On : 15 Apr 2009 4:58 pm Operator:
Sample : water stnd 200ug/L Inst : GCMSV4
Misc : KM041509 Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 15 17:31 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Continuing Calibrations

Summary Reports
Quant Reports and Chomatograms

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150922.D Vial: 22
Acq On : 15 Apr 2009 6:21 pm Operator:
Sample : water stnd 20ug/L Inst : GCMSV4
Misc : KM041509 cc passed KM Multiplr: 1.00
MS Integration Params: events.e

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	pentafluorobenzene	1.000	1.000	0.0	100	0.00
2	dichlorodifluoromethane	0.547	0.461	15.7	86	0.00
3	chlorodifluoromethane	0.854	0.747	12.5	89	0.00
4	chloromethane	0.780	0.672	13.8	85	0.00
5	vinyl chloride	0.612	0.535	12.6	91	0.00
6	bromomethane	0.230	0.180	21.7	81	0.00
7	chloroethane	0.366	0.338	7.7	93	0.00
8	trichlorofluoromethane	0.920	0.770	16.3	88	0.00
9	freon	0.362	0.318	12.2	92	0.00
10	acetone	0.052	0.055	-5.8	109	0.00
11	1,1-dichloroethene	0.395	0.347	12.2	90	0.00
12	methylene chloride	0.519	0.483	6.9	94	0.00
13	carbon disulfide	1.304	1.155	11.4	93	0.00
14	tert-butylmethylether	1.503	1.457	3.1	100	0.00
15	trans-1,2-dichloroethene	0.454	0.430	5.3	95	0.00
16	vinyl acetate	1.651	1.661	-0.6	100	0.00
17	1,1-dichloroethane	1.115	1.021	8.4	94	0.00
18	methyl ethyl ketone	0.051	0.051	0.0	101	0.00
19	2,2-dichloropropane	0.854	0.743	13.0	93	0.00
20	cis-1,2-dichloroethene	0.529	0.517	2.3	96	0.00
21	chloroform	1.069	0.982	8.1	92	0.00
22	bromochloromethane	0.264	0.258	2.3	99	0.00
23	1,1,1-trichloroethane	0.948	0.837	11.7	92	0.00
24	1,4-difluorobenzene	1.000	1.000	0.0	98	0.00
25	1,1-dichloropropene	0.571	0.510	10.7	91	0.00
26	carbon tetrachloride	0.563	0.493	12.4	90	0.00
27 s	1,2-dichloroethane-d4	0.076	0.079	-3.9	103	0.00
28	1,2-dichloroethane	0.768	0.745	3.0	96	0.00
29	benzene	1.537	1.432	6.8	93	0.00
30	trichloroethene	0.428	0.391	8.6	91	0.00
31	1,2-dichloropropane	0.486	0.475	2.3	96	0.00
32	bromodichloromethane	0.630	0.597	5.2	93	0.00
33	dibromomethane	0.244	0.234	4.1	97	0.00
34	2-chloroethylvinylether	0.267	0.246	7.9	95	0.00
35	4-methyl-2-pentanone	0.564	0.569	-0.9	102	0.00
36	cis-1,3-dichloropropene	0.692	0.647	6.5	94	0.00
37 s	toluene-d8	1.348	1.362	-1.0	99	0.00
38	toluene	1.853	1.699	8.3	91	0.00
39	trans-1,3-dichloropropene	0.673	0.640	4.9	96	0.00
40	1,1,2-trichloroethane	0.297	0.287	3.4	97	0.00
41 s	4-bromofluorobenzene	0.569	0.589	-3.5	102	0.00
42	chlorobenzene-d5	1.000	1.000	0.0	101	0.00
43	2-hexanone	0.600	0.606	-1.0	103	0.00
44	1,3-dichloropropane	1.138	1.109	2.5	98	0.00
45	tetrachloroethene	0.745	0.684	8.2	91	0.00
46	dibromochloromethane	0.700	0.667	4.7	96	0.00
47	1,2-dibromoethane	0.615	0.603	2.0	98	0.00
48	chlorobenzene	1.902	1.786	6.1	92	0.00
49	1,1,1,2-tetrachloroethane	0.657	0.625	4.9	95	0.00
50	ethylbenzene	3.318	3.038	8.4	93	0.00
51	m+p xylene	1.210	1.118	7.6	91	0.00
52	o-xylene	1.215	1.159	4.6	94	0.00
53	styrene	2.001	1.897	5.2	94	0.00
54	bromoform	0.530	0.487	8.1	97	0.00
55	1,4-dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
56	isopropylbenzene	2.554	2.323	9.0	90	0.00
57	1,1,2,2-tetrachloroethane	0.584	0.597	-2.2	101	0.00
58	1,2,3-trichloropropane	0.541	0.538	0.6	99	0.00

9	n-propylbenzene	3.042	2.723	10.5	91	0.00
0	bromobenzene	0.779	0.764	1.9	94	0.00
1	p-ethyltoluene	2.696	2.491	7.6	91	0.00
2	1,3,5-trimethylbenzene	1.035	1.001	3.3	95	0.00
3	2-chlorotoluene	0.615	0.588	4.4	93	0.00
4	4-chlorotoluene	0.649	0.642	1.1	95	0.00
5	tert-butylbenzene	0.420	0.395	6.0	90	0.00
6	1,2,4-trimethylbenzene	2.232	2.094	6.2	92	0.00
7	sec-butylbenzene	2.223	2.020	9.1	91	0.00
8	4-isopropyltoluene	2.109	1.919	9.0	91	0.00
9	1,3-dichlorobenzene	1.368	1.297	5.2	90	0.00
0	1,4-dichlorobenzene	1.423	1.369	3.8	93	0.00
1	1,2,3-trimethylbenzene	2.264	2.157	4.7	93	0.00
2	n-butylbenzene	1.014	0.864	14.8	84	0.00
3	p-diethylbenzene	1.170	1.080	7.7	90	0.00
4	1,2-dichlorobenzene	1.337	1.310	2.0	94	0.00
5	1,2,4,5-tetramethylbenzene	2.156	2.051	4.9	93	0.00
6	1,2-dibromo-3-chloropropane	0.145	0.147	-1.4	100	0.00
7	1,2,4-trichlorobenzene	0.598	0.591	1.2	96	0.00
8	hexachlorobutadiene	0.317	0.303	4.4	96	0.00
9	naphthalene	1.348	1.377	-2.2	100	0.00
0	1,2,3-trichlorobenzene	0.469	0.494	-5.3	106	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
04150915.D VW041509.M Wed Apr 29 13:06:25 2009 GCMSV4

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150922.D Vial: 22
Acq On : 15 Apr 2009 6:21 pm Operator:
Sample : water stnd 20ug/L Inst : GCMSV4
Misc : KM041509 cc passed KM Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 16 09:54:50 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	3.38	168	4529217	50.00 ug/L	0.00
24) 1,4-difluorobenzene	3.93	114	6010408	50.00 ug/L	0.00
42) chlorobenzene-d5	6.21	82	3892875	50.00 ug/L	0.00
55) 1,4-dichlorobenzene-d4	8.13	152	4460023	50.00 ug/L	0.00
System Monitoring Compounds					
27) 1,2-dichloroethane-d4	3.38	102	472831	51.84 ug/L	0.00
37) toluene-d8	5.17	98	8184010	50.51 ug/L	0.00
41) 4-bromofluorobenzene	7.14	174	3541058	51.75 ug/L	0.00
Target Compounds					Qvalue
2) dichlorodifluoromethane	1.18	85	835783m	16.05 ug/L	
3) chlorodifluoromethane	1.15	51	1354111m	17.61 ug/L	
4) chloromethane	1.26	50	1217482m	17.19 ug/L	
5) vinyl chloride	1.33	62	969121	17.55 ug/L	94
6) bromomethane	1.47	96	326108m	16.17 ug/L	
7) chloroethane	1.53	64	612206	18.66 ug/L	99
8) trichlorofluoromethane	1.76	101	1395880	16.91 ug/L	100
9) freon	2.11	151	576113	17.74 ug/L	91
10) acetone	1.81	58	501674	105.75 ug/L	83
11) 1,1-dichloroethene	2.01	96	629314	17.82 ug/L	89
12) methylene chloride	2.08	84	874499	18.97 ug/L	98
13) carbon disulfide	2.20	76	2092480	17.70 ug/L	98
14) tert-butylmethylether	2.50	73	2640498	19.58 ug/L	99
15) trans-1,2-dichloroethene	2.43	96	779258	18.92 ug/L	98
16) vinyl acetate	2.65	43	15044622	90.81 ug/L	99
17) 1,1-dichloroethane	2.57	63	1849375	18.50 ug/L	98
18) methyl ethyl ketone	2.82	72	459904	99.51 ug/L	96
19) 2,2-dichloropropane	3.08	77	1346701	17.60 ug/L	98
20) cis-1,2-dichloroethene	2.90	96	937464	19.63 ug/L	90
21) chloroform	3.03	83	1778373	18.47 ug/L	99
22) bromochloromethane	3.00	128	467362	19.41 ug/L #	65
23) 1,1,1-trichloroethane	3.50	97	1516422	17.64 ug/L #	84
25) 1,1-dichloropropene	3.62	75	1225178	17.85 ug/L	98
26) carbon tetrachloride	3.73	119	1185842	17.57 ug/L	99
28) 1,2-dichloroethane	3.43	62	1791740m	19.35 ug/L	
29) benzene	3.76	78	3441861	18.58 ug/L	100
30) trichloroethene	4.19	95	939554	18.16 ug/L	94
31) 1,2-dichloropropane	4.16	63	1141186	19.62 ug/L	100
32) bromodichloromethane	4.22	83	1434183	18.98 ug/L	99
33) dibromomethane	4.13	93	562303	18.88 ug/L #	83
34) 2-chloroethylvinylether	4.53	63	591585	18.40 ug/L	95
35) 4-methyl-2-pentanone	4.77	43	6845178	99.33 ug/L	99
36) cis-1,3-dichloropropene	4.67	75	1555648	18.62 ug/L	99
38) toluene	5.22	91	4083659	18.24 ug/L	98
39) trans-1,3-dichloropropene	4.98	75	1539306	18.89 ug/L	96
40) 1,1,2-trichloroethane	5.08	83	689025	19.12 ug/L	95
43) 2-hexanone	5.39	43	4719962	100.22 ug/L	99
44) 1,3-dichloropropane	5.26	76	1727647	19.58 ug/L	95
45) tetrachloroethene	5.75	166	1064591	17.91 ug/L	99
46) dibromochloromethane	5.43	129	1039349	19.12 ug/L	100
47) 1,2-dibromoethane	5.61	107	939580	19.51 ug/L	98
48) chlorobenzene	6.24	112	2781476	18.92 ug/L	92
49) 1,1,1,2-tetrachloroethane	6.19	131	972488	19.20 ug/L #	1
50) ethylbenzene	6.40	91	4730880	18.54 ug/L	99
51) m+p xylene	6.55	106	3482490	36.70 ug/l	99
52) o-xylene	6.84	106	1805114	18.90 ug/L	99
53) styrene	6.79	104	2954504	19.00 ug/L	95

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150922.D Vial: 22
Acq On : 15 Apr 2009 6:21 pm Operator:
Sample : water stnd 20ug/L Inst : GCMSV4
Misc : KM041509 cc passed KM Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 16 09:54:50 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	6.60	173	757987	18.41 ug/L	95
56) isopropylbenzene	7.12	105	4144882	18.36 ug/L	98
57) 1,1,2,2-tetrachloroethane	6.83	83	1065253	20.14 ug/L	100
58) 1,2,3-trichloropropane	6.94	75	959879	19.77 ug/L	99
59) n-propylbenzene	7.46	91	4857965	18.05 ug/L	98
60) bromobenzene	7.28	156	1362481	19.59 ug/L #	83
61) p-ethyltoluene	7.59	105	4443619	18.40 ug/L	97
62) 1,3,5-trimethylbenzene	7.70	120	1785827	19.17 ug/L	100
63) 2-chlorotoluene	7.51	126	1049466	19.00 ug/L	88
64) 4-chlorotoluene	7.58	126	1145674	19.56 ug/L	93
65) tert-butylbenzene	7.90	134	704999	18.63 ug/L	88
66) 1,2,4-trimethylbenzene	7.99	105	3736021	18.86 ug/L	96
67) sec-butylbenzene	8.06	105	3604300	18.18 ug/L	95
68) 4-isopropyltoluene	8.22	119	3424331	18.21 ug/L	99
69) 1,3-dichlorobenzene	8.10	146	2312996	18.96 ug/L	97
70) 1,4-dichlorobenzene	8.15	146	2443181	19.32 ug/L	96
71) 1,2,3-trimethylbenzene	8.31	105	3847308	19.04 ug/L	98
72) n-butylbenzene	8.53	92	1541747	16.95 ug/L	94
73) p-diethylbenzene	8.52	119	1926840	18.27 ug/L	97
74) 1,2-dichlorobenzene	8.42	146	2336670	19.57 ug/L	98
75) 1,2,4,5-tetramethylbenzene	9.25	119	3659036	19.27 ug/L	96
76) 1,2-dibromo-3-chloropropan	8.78	157	261422	19.92 ug/L	92
77) 1,2,4-trichlorobenzene	9.84	180	1054635	20.04 ug/L	97
78) hexachlorobutadiene	10.10	225	541304	19.85 ug/L	97
79) naphthalene	10.03	128	2455734	21.00 ug/L	99
80) 1,2,3-trichlorobenzene	10.19	180	881867	21.56 ug/L	97

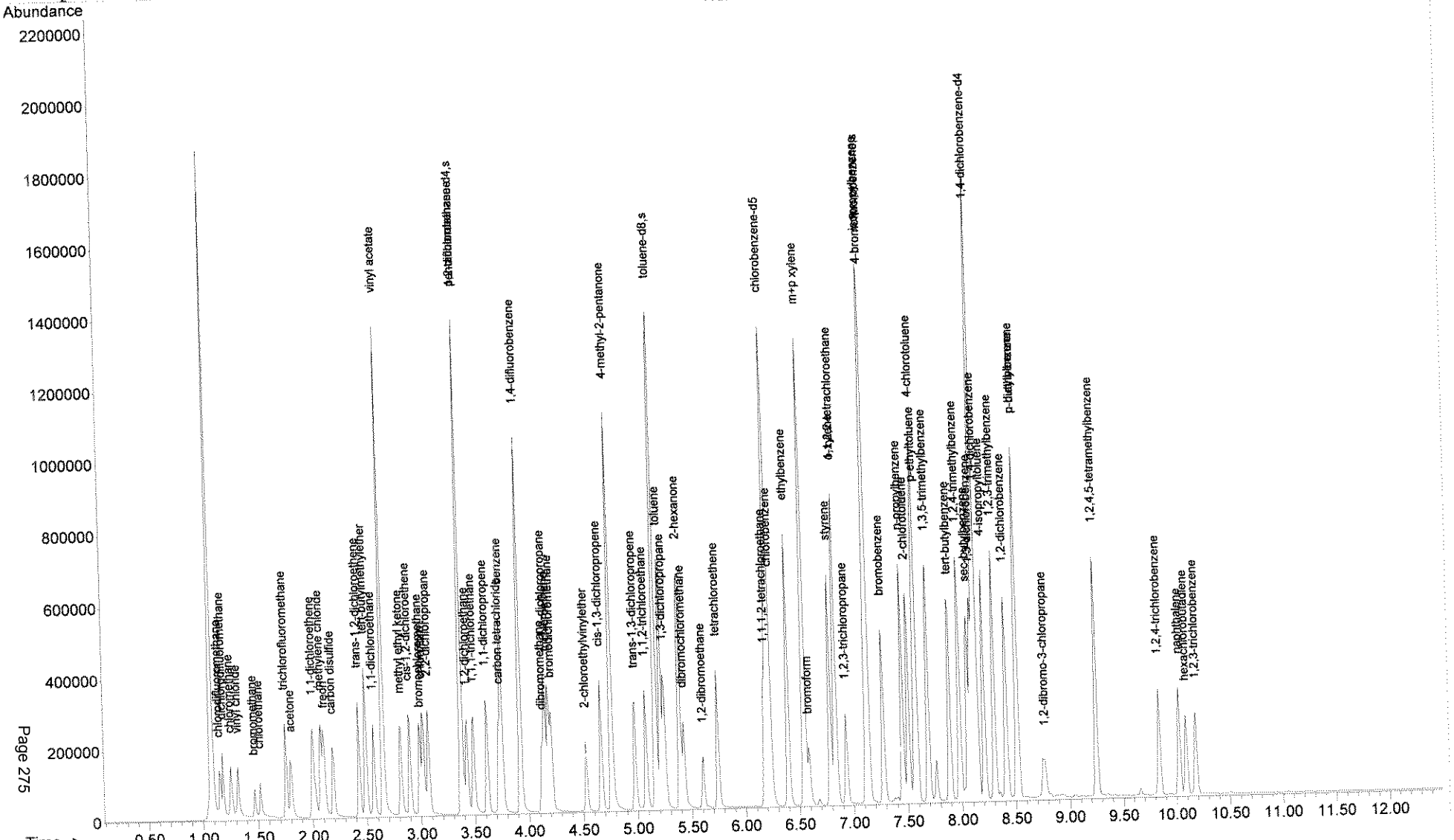
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\041509\04150922.D Vial: 22
Acq On : 15 Apr 2009 6:21 pm Operator:
Sample : water stnd 20ug/L Inst : GCMSV4
Misc : KM041509 cc passed KM Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 16 9:56 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration

TIC: 04150922.D



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04150922.D VW041509.M Wed Apr 29 12:49:39 2009 GCMSV4

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200903.D Vial: 3
Acq On : 20 Apr 2009 11:20 am Operator:
Sample : water stnd 20ug/L Inst : GCMSV4
Misc : KM042009 cc passed KM Multiplr: 1.00
MS Integration Params: events.e

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	pentafluorobenzene	1.000	1.000	0.0	87	0.00
2	dichlorodifluoromethane	0.547	0.620	-13.3	100	0.00
3	chlorodifluoromethane	0.854	0.869	-1.8	90	0.00
4	chloromethane	0.780	0.842	-7.9	93	0.00
5	vinyl chloride	0.612	0.640	-4.6	95	0.00
6	bromomethane	0.230	0.221	3.9	86	0.00
7	chloroethane	0.366	0.380	-3.8	91	0.00
8	trichlorofluoromethane	0.920	0.957	-4.0	95	0.00
9	freon	0.362	0.344	5.0	86	0.00
10	acetone	0.052	0.054	-3.8	92	0.00
11	1,1-dichloroethene	0.395	0.374	5.3	84	0.00
12	methylene chloride	0.519	0.520	-0.2	88	0.00
13	carbon disulfide	1.304	1.276	2.1	89	0.00
14	tert-butylmethylether	1.503	1.483	1.3	88	0.00
15	trans-1,2-dichloroethene	0.454	0.445	2.0	85	0.00
16	vinyl acetate	1.651	1.757	-6.4	92	0.00
17	1,1-dichloroethane	1.115	1.127	-1.1	90	0.00
18	methyl ethyl ketone	0.051	0.052	-2.0	89	0.00
19	2,2-dichloropropane	0.854	0.842	1.4	91	0.00
20	cis-1,2-dichloroethene	0.529	0.506	4.3	81	0.00
21	chloroform	1.069	1.092	-2.2	89	0.00
22	bromochloromethane	0.264	0.272	-3.0	90	0.00
23	1,1,1-trichloroethane	0.948	0.944	0.4	90	0.00
24	1,4-difluorobenzene	1.000	1.000	0.0	91	0.00
25	1,1-dichloropropene	0.571	0.506	11.4	84	0.00
26	carbon tetrachloride	0.563	0.545	3.2	92	0.00
27 s	1,2-dichloroethane-d4	0.076	0.074	2.6	89	0.00
28	1,2-dichloroethane	0.768	0.786	-2.3	94	0.00
29	benzene	1.537	1.444	6.1	86	0.00
30	trichloroethene	0.428	0.395	7.7	85	0.00
31	1,2-dichloropropane	0.486	0.456	6.2	85	0.00
32	bromodichloromethane	0.630	0.619	1.7	89	0.00
33	dibromomethane	0.244	0.248	-1.6	95	0.00
34	2-chloroethylvinylether	0.267	0.223	16.5	80	0.00
35	4-methyl-2-pentanone	0.564	0.557	1.2	92	0.00
36	cis-1,3-dichloropropene	0.692	0.648	6.4	87	0.00
37 s	toluene-d8	1.348	1.339	0.7	90	0.00
38	toluene	1.853	1.725	6.9	85	0.00
39	trans-1,3-dichloropropene	0.673	0.643	4.5	89	0.00
40	1,1,2-trichloroethane	0.297	0.285	4.0	89	0.00
41 s	4-bromofluorobenzene	0.569	0.577	-1.4	92	0.00
42	chlorobenzene-d5	1.000	1.000	0.0	92	0.00
43	2-hexanone	0.600	0.584	2.7	90	0.00
44	1,3-dichloropropane	1.138	1.080	5.1	87	0.00
45	tetrachloroethene	0.745	0.704	5.5	86	0.00
46	dibromochloromethane	0.700	0.679	3.0	89	0.00
47	1,2-dibromoethane	0.615	0.611	0.7	91	0.00
48	chlorobenzene	1.902	1.802	5.3	85	0.00
49	1,1,1,2-tetrachloroethane	0.657	0.645	1.8	89	0.00
50	ethylbenzene	3.318	3.086	7.0	86	0.00
51	m+p xylene	1.210	1.140	5.8	85	0.00
52	o-xylene	1.215	1.181	2.8	88	0.00
53	styrene	2.001	1.812	9.4	82	0.00
54	bromoform	0.530	0.500	5.7	91	0.00
55	1,4-dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
56	isopropylbenzene	2.554	2.386	6.6	87	0.00
57	1,1,2,2-tetrachloroethane	0.584	0.552	5.5	87	0.00
58	1,2,3-trichloropropane	0.541	0.491	9.2	84	0.00

9	n-propylbenzene	3.042	2.782	8.5	87	0.00
0	bromobenzene	0.779	0.757	2.8	87	0.00
1	p-ethyltoluene	2.696	2.576	4.5	89	0.00
2	1,3,5-trimethylbenzene	1.035	0.969	6.4	86	0.00
3	2-chlorotoluene	0.615	0.574	6.7	85	0.00
4	4-chlorotoluene	0.649	0.621	4.3	86	0.00
5	tert-butylbenzene	0.420	0.402	4.3	86	0.00
6	1,2,4-trimethylbenzene	2.232	2.070	7.3	85	0.00
7	sec-butylbenzene	2.223	2.072	6.8	88	0.00
8	4-isopropyltoluene	2.109	1.967	6.7	88	0.00
9	1,3-dichlorobenzene	1.368	1.316	3.8	86	0.00
0	1,4-dichlorobenzene	1.423	1.372	3.6	87	0.00
1	1,2,3-trimethylbenzene	2.264	2.229	1.5	91	0.00
2	n-butylbenzene	1.014	0.962	5.1	88	0.00
3	p-diethylbenzene	1.170	1.145	2.1	89	0.00
4	1,2-dichlorobenzene	1.337	1.287	3.7	86	0.00
5	1,2,4,5-tetramethylbenzene	2.156	2.094	2.9	89	0.00
6	1,2-dibromo-3-chloropropane	0.145	0.136	6.2	86	0.00
7	1,2,4-trichlorobenzene	0.598	0.568	5.0	87	0.00
8	hexachlorobutadiene	0.317	0.289	8.8	86	0.00
9	naphthalene	1.348	1.214	9.9	83	0.00
0	1,2,3-trichlorobenzene	0.469	0.448	4.5	90	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

04150915.D VW041509.M Wed Apr 29 13:07:00 2009 GCMSV4

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200903.D Vial: 3
Acq On : 20 Apr 2009 11:20 am Operator:
Sample : water stnd 20ug/L Inst : GCMSV4
Misc : KM042009 cc passed KM Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 11:37:02 2009 Quant Results File: VW041509.RES

Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) pentafluorobenzene	3.38	168	3924513	50.00	ug/L		0.00
24) 1,4-difluorobenzene	3.93	114	5547678	50.00	ug/L		0.00
42) chlorobenzene-d5	6.21	82	3559836	50.00	ug/L		0.00
55) 1,4-dichlorobenzene-d4	8.13	152	4182997	50.00	ug/L		0.00
System Monitoring Compounds							
27) 1,2-dichloroethane-d4	3.38	102	410502	48.76	ug/L		0.00
37) toluene-d8	5.17	98	7430764	49.69	ug/L		0.00
41) 4-bromofluorobenzene	7.14	174	3200077	50.66	ug/L		0.00
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.19	85	972984	21.64	ug/L		98
3) chlorodifluoromethane	1.15	51	1364350m	20.48	ug/L		
4) chloromethane	1.26	50	1321055	21.56	ug/L		98
5) vinyl chloride	1.33	62	1005326	21.02	ug/L		96
6) bromomethane	1.48	96	346447	19.75	ug/L		100
7) chloroethane	1.53	64	596615	20.99	ug/L		97
8) trichlorofluoromethane	1.76	101	1502907	21.01	ug/L		100
9) freon	2.11	151	540587	19.21	ug/L		98
10) acetone	1.81	58	424174	103.19	ug/L		94
11) 1,1-dichloroethene	2.01	96	587356	19.19	ug/L	#	83
12) methylene chloride	2.08	84	815594	20.42	ug/L		92
13) carbon disulfide	2.20	76	2003146	19.54	ug/L		99
14) tert-butylmethylether	2.50	73	2328267	19.92	ug/L		100
15) trans-1,2-dichloroethene	2.43	96	698320	19.57	ug/L		96
16) vinyl acetate	2.65	43	13791857	96.18	ug/L		99
17) 1,1-dichloroethane	2.57	63	1769712	20.42	ug/L		99
18) methyl ethyl ketone	2.82	72	406368	101.47	ug/L		91
19) 2,2-dichloropropane	3.08	77	1321890	19.91	ug/L		97
20) cis-1,2-dichloroethene	2.90	96	793953	19.19	ug/L		99
21) chloroform	3.03	83	1714285	20.55	ug/L		96
22) bromochloromethane	3.00	128	427463	20.49	ug/L	#	62
23) 1,1,1-trichloroethane	3.50	97	1481249	19.87	ug/L	#	87
25) 1,1-dichloropropene	3.62	75	1122396	17.72	ug/L		97
26) carbon tetrachloride	3.73	119	1209717	19.40	ug/L		98
28) 1,2-dichloroethane	3.43	62	1744498m	20.42	ug/L		
29) benzene	3.76	78	3204777	18.75	ug/L		99
30) trichloroethene	4.19	95	875465	18.33	ug/L		92
31) 1,2-dichloropropane	4.16	63	1012023	18.85	ug/L		99
32) bromodichloromethane	4.22	83	1374170	19.69	ug/L		98
33) dibromomethane	4.12	93	550949m	20.05	ug/L		
34) 2-chloroethylvinylether	4.53	63	495764	16.72	ug/L		95
35) 4-methyl-2-pentanone	4.77	43	6175739	97.10	ug/L		98
36) cis-1,3-dichloropropene	4.67	75	1437388	18.64	ug/L		99
38) toluene	5.22	91	3828957	18.53	ug/L		100
39) trans-1,3-dichloropropene	4.98	75	1427430	18.97	ug/L		95
40) 1,1,2-trichloroethane	5.08	83	631348	18.98	ug/L		100
43) 2-hexanone	5.39	43	4159464	96.59	ug/L		95
44) 1,3-dichloropropane	5.26	76	1537911	19.06	ug/L		96
45) tetrachloroethene	5.75	166	1002590	18.45	ug/L		97
46) dibromochloromethane	5.43	129	966260	19.43	ug/L		97
47) 1,2-dibromoethane	5.61	107	870729	19.77	ug/L		96
48) chlorobenzene	6.24	112	2565222	19.09	ug/L		92
49) 1,1,1,2-tetrachloroethane	6.19	131	918461	19.83	ug/L	#	1
50) ethylbenzene	6.40	91	4394068	18.83	ug/L		99
51) m+p xylene	6.55	106	3247178	37.43	ug/l		98
52) o-xylene	6.84	106	1681839	19.26	ug/L		96
53) styrene	6.79	104	2580361m	18.15	ug/L		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200903.D Vial: 3
Acq On : 20 Apr 2009 11:20 am Operator:
Sample : water stnd 20ug/L Inst : GCMSV4
Misc : KM042009 cc passed KM Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 11:37:02 2009 Quant Results File: VW041509.RES

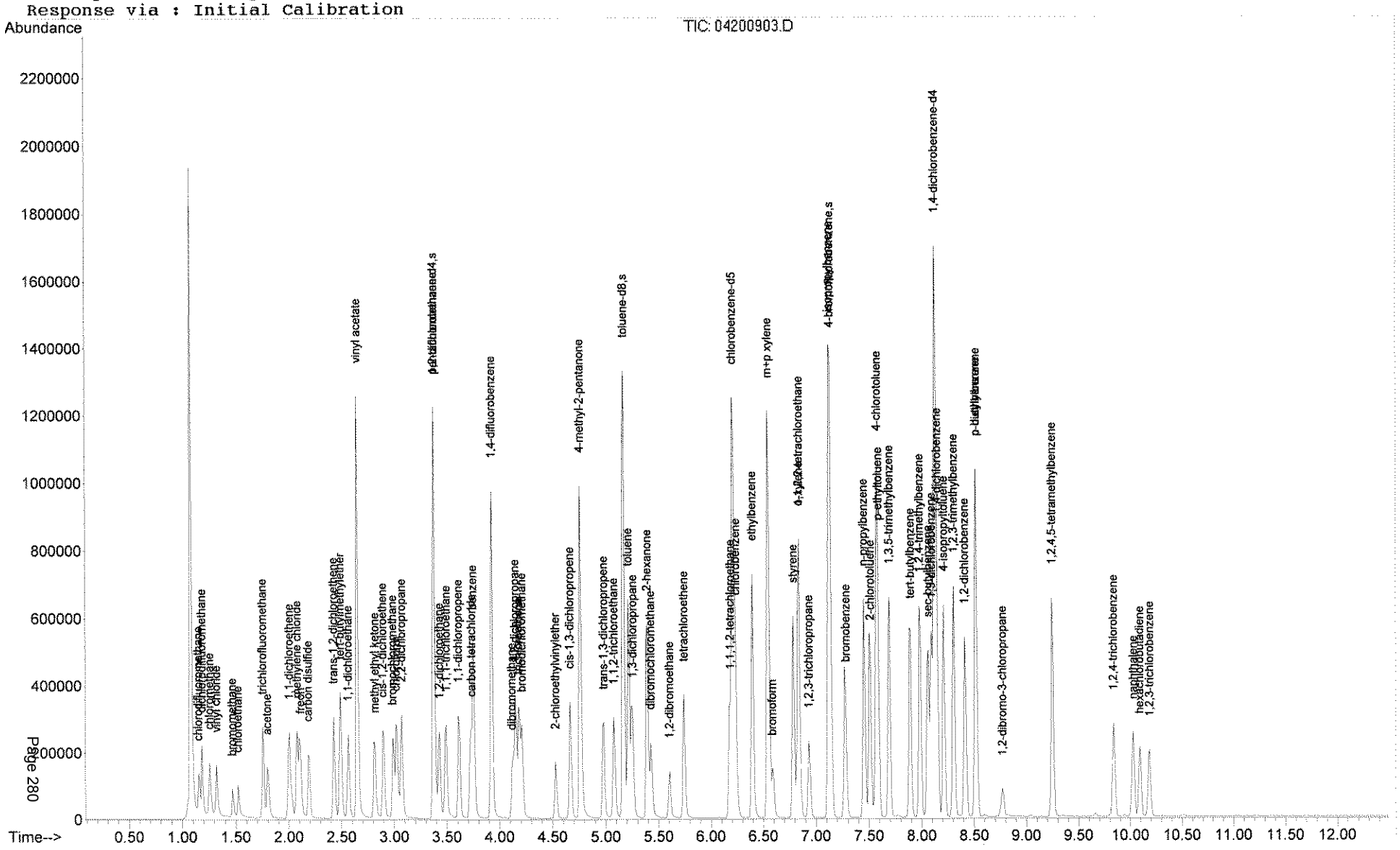
Quant Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration
DataAcq Meth : VOA0109

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
54) bromoform	6.60	173	712178	18.91 ug/L	100
56) isopropylbenzene	7.13	105	3992969	18.85 ug/L	96
57) 1,1,2,2-tetrachloroethane	6.83	83	924153	18.63 ug/L	97
58) 1,2,3-trichloropropane	6.94	75	821964	18.05 ug/L	98
59) n-propylbenzene	7.46	91	4654420	18.44 ug/L	100
60) bromobenzene	7.28	156	1266780	19.42 ug/L #	86
61) p-ethyltoluene	7.59	105	4310022	19.03 ug/L	97
62) 1,3,5-trimethylbenzene	7.70	120	1620581	18.54 ug/L	95
63) 2-chlorotoluene	7.52	126	960031	18.52 ug/L	95
64) 4-chlorotoluene	7.58	126	1038710	18.90 ug/L	83
65) tert-butylbenzene	7.90	134	672637	18.95 ug/L	85
66) 1,2,4-trimethylbenzene	7.99	105	3464004	18.65 ug/L	95
67) sec-butylbenzene	8.06	105	3467266	18.65 ug/L	95
68) 4-isopropyltoluene	8.22	119	3291236	18.66 ug/L	99
69) 1,3-dichlorobenzene	8.10	146	2202460	19.25 ug/L	97
70) 1,4-dichlorobenzene	8.15	146	2295913	19.36 ug/L	96
71) 1,2,3-trimethylbenzene	8.31	105	3729695	19.69 ug/L	99
72) n-butylbenzene	8.53	92	1609143	18.87 ug/L	96
73) p-diethylbenzene	8.52	119	1915446	19.37 ug/L	97
74) 1,2-dichlorobenzene	8.42	146	2153734	19.23 ug/L	97
75) 1,2,4,5-tetramethylbenzene	9.25	119	3503764	19.67 ug/L	96
76) 1,2-dibromo-3-chloropropan	8.78	157	227115	18.46 ug/L	91
77) 1,2,4-trichlorobenzene	9.85	180	951117	19.27 ug/L	98
78) hexachlorobutadiene	10.10	225	484267	18.94 ug/L	98
79) naphthalene	10.03	128	2031114	18.54 ug/L	99
80) 1,2,3-trichlorobenzene	10.19	180	749158	19.54 ug/L	98

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

Data File : C:\MSDCHEM\1\DATA\0409\042009\04200903.D Vial: 3
Acq On : 20 Apr 2009 11:20 am Operator:
Sample : water stnd 20ug/L Inst : GCMSV4
Misc : KM042009 cc passed KM Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 20 11:37 2009 Quant Results File: VW041509.RES

Method : C:\MSDCHEM\1\METHODS\VW041509.M (Chemstation Integrator)
Title :
Last Update : Wed Apr 15 17:49:48 2009
Response via : Initial Calibration



Tentatively Identified Compounds

Summary Reports
Spectra

1E

SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

291490.01

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 291490.01

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200926.D

Level: (low/med) _____ Date Received: 4/17/09

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 7746-09-5	Sulfur Dioxide	1.30	3	J
2.				
3.				
4.				
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6.				
7.				
8.				
9.				
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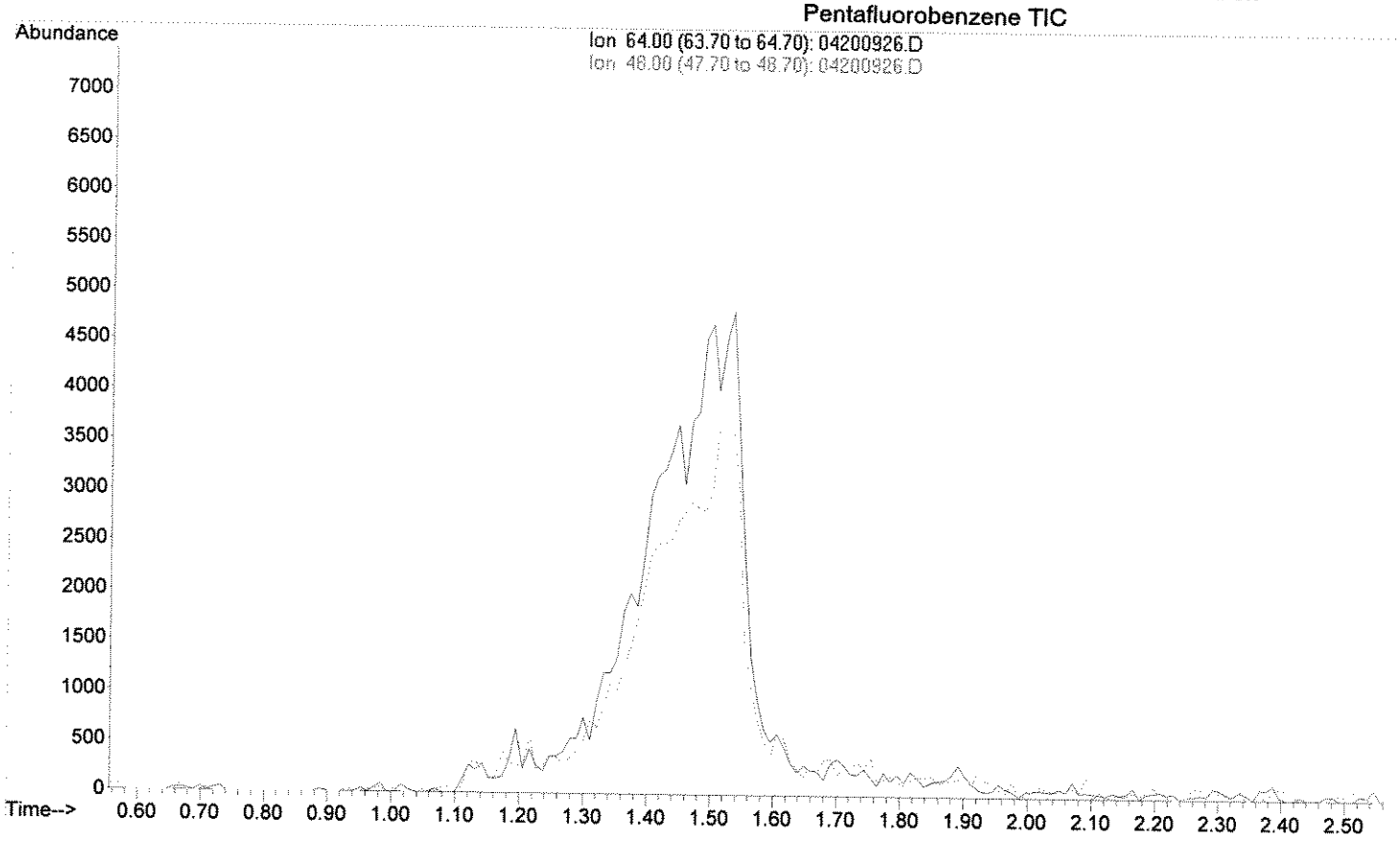
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

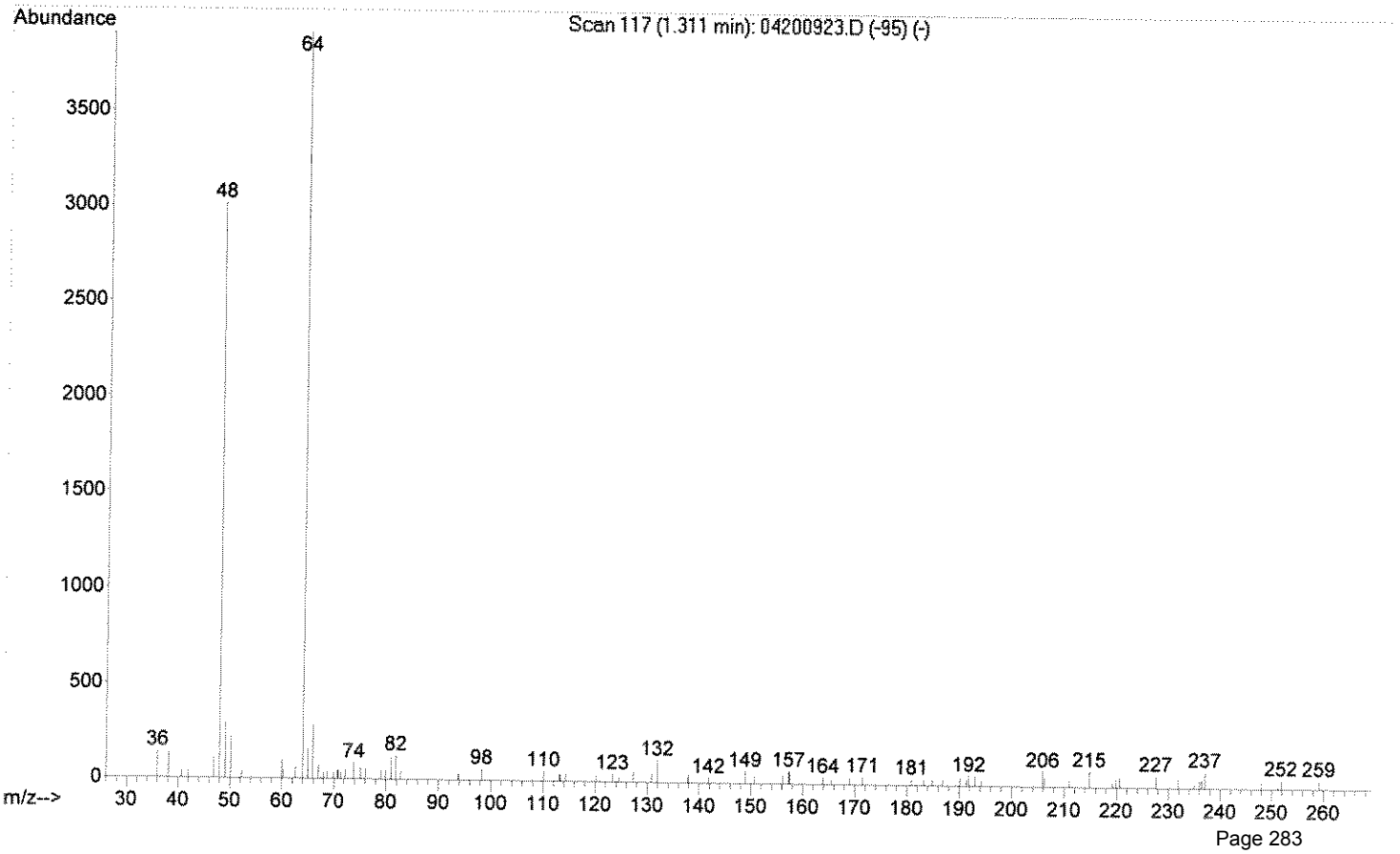
FORM I VOA-TIC

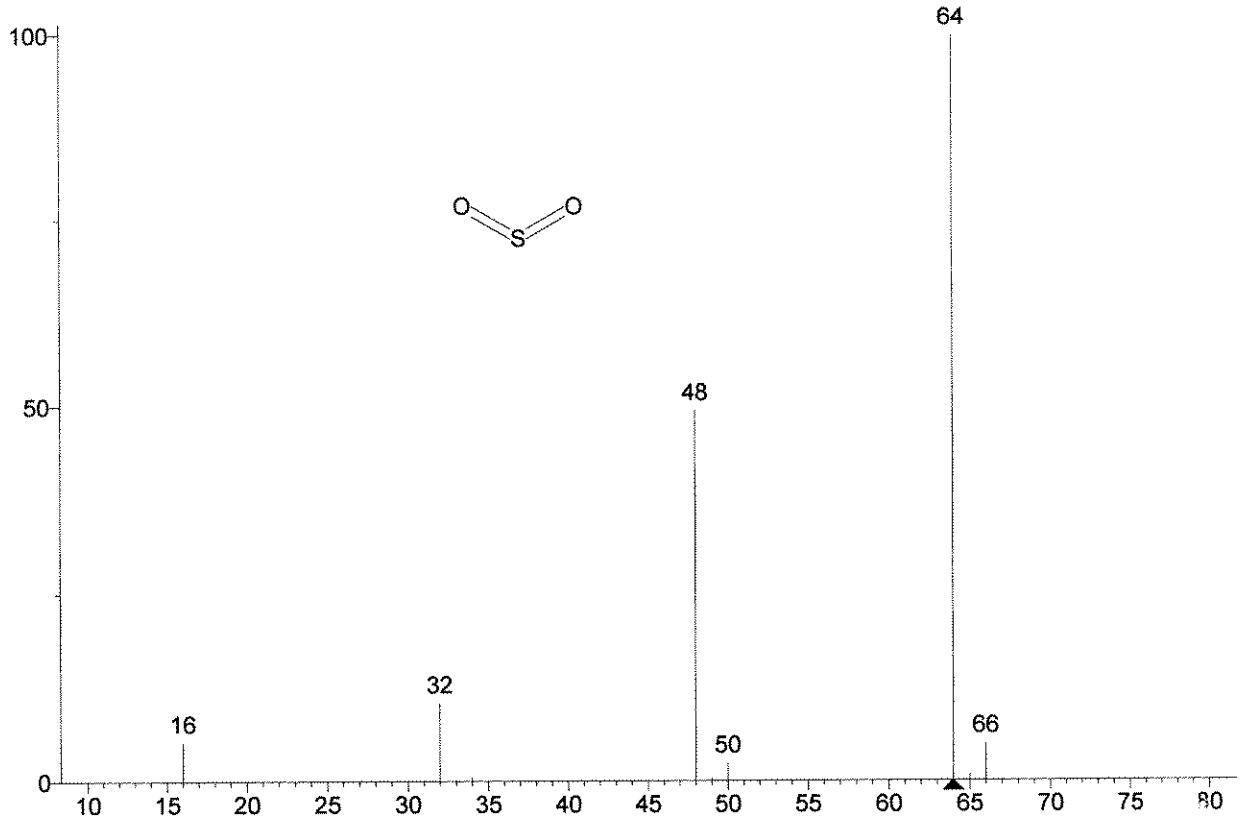
3/90

File : C:\MSDCHEM\1\DATA\0409\042009\04200926.D
Operator :
Acquired : 20 Apr 2009 7:23 pm using AcqMethod VOA0109
Instrument : GCMSV4
Sample Name: 291490.01 5ml
Misc Info :
Vial Number: 26

Manual Integration and Estimate based on Pentafluorobenzene TIC







(mainlib) Sulfur dioxide

1E

SAMPLE NO.

291490.03

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: 291490.03

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200927.D

Level: (low/med) _____ Date Received: 4/17/09

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 7746-09-5	Sulfur Dioxide	1.30	3	J
2.				
3.				
4.				
5.				
6.				
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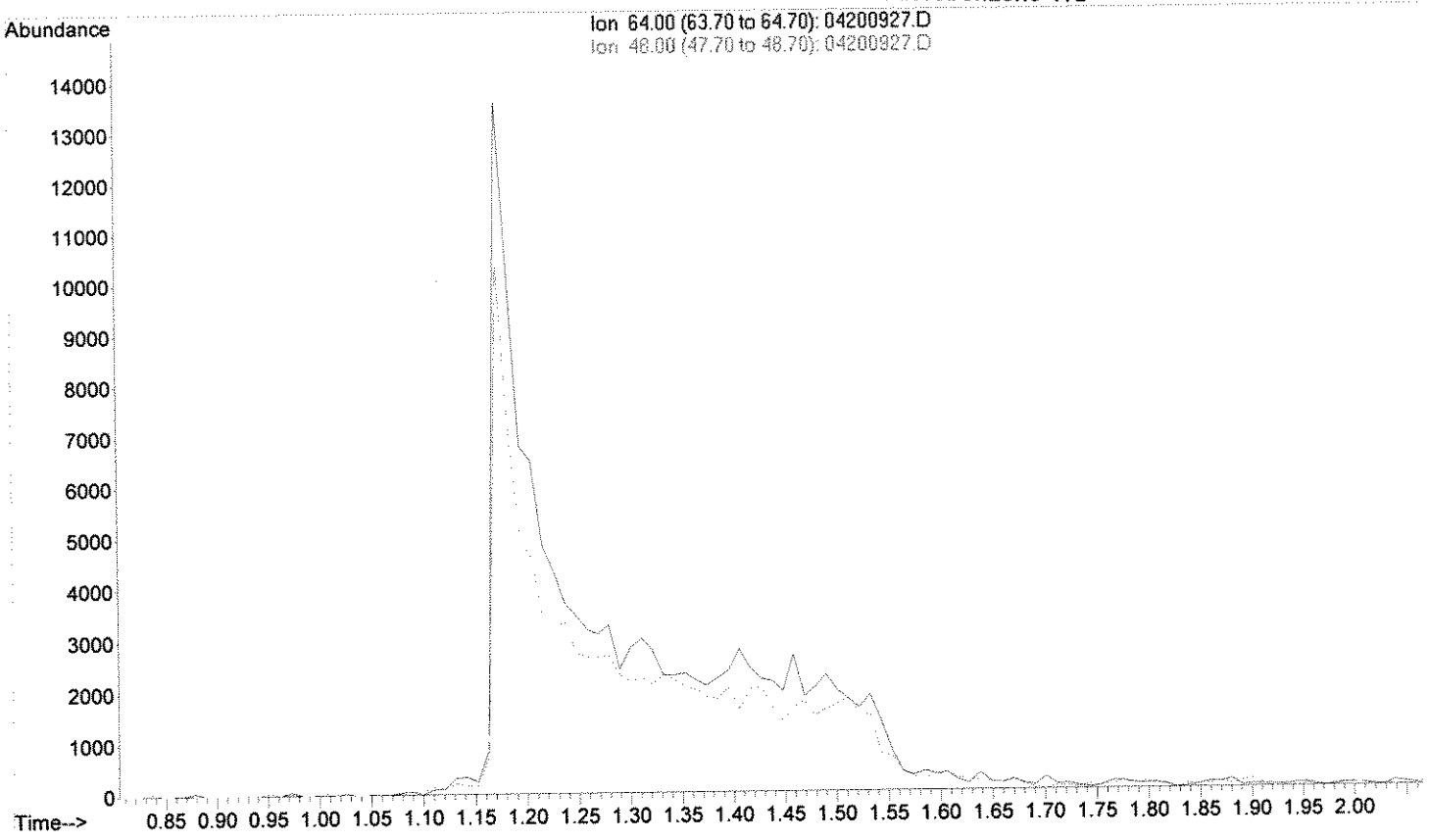
26.				
27.				
28.				
29.				
30.				

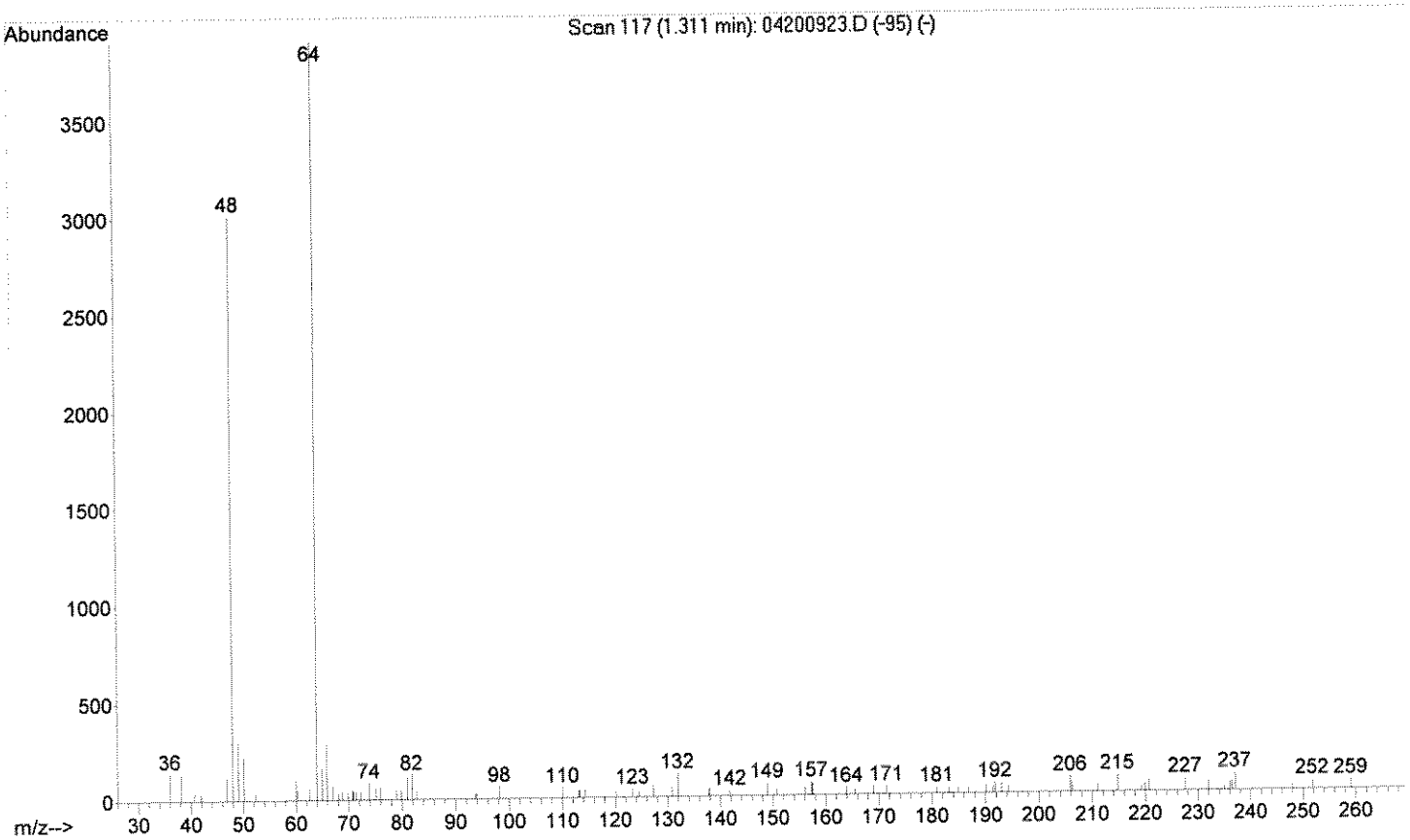
FORM I VOA-TIC

3/90

File : C:\MSDCHEM\1\DATA\0409\042009\04200927.D
Operator :
Acquired : 20 Apr 2009 7:43 pm using AcqMethod VOA0109
Instrument : GCMSV4
Sample Name: 291490.03 5ml
Misc Info :
Vial Number: 27

Manual Integration and Estimate based on Pentafluorobenzene TIC





1E

SAMPLE NO.

291490.05

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ECOTEST LABS Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) Water Lab Sample ID: Trip blank

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 04200918.D

Level: (low/med) _____ Date Received: 4/16/09

% Solid: _____ Date Analyzed: 4/20/09

GC Column: DB-VRX ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	No TIC's found.			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
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29.				
30.				

FORM I VOA-TIC

3/90

PESTICIDES - QC DELIVERABLES

Conformance/Nonconformance Summary for Pesticides

sample : 291490.01, .03

QC criteria were met for the following unless stated otherwise:

Method blank

Surrogate recoveries

Matrix spike and matrix spike duplicate RPD

Matrix spike and matrix spike duplicate % recoveries

Holding time

Initial instrument calibration and continuing calibration

LAB CHRONICLE

lab number	sample	date collected	date received	date of extraction	holding time (days) before extraction	date of analysis	holding time (days) before analysis
291514.02	Water, HP-603	4/20/09	4/20/09	4/22/09	5	4/23/09	1

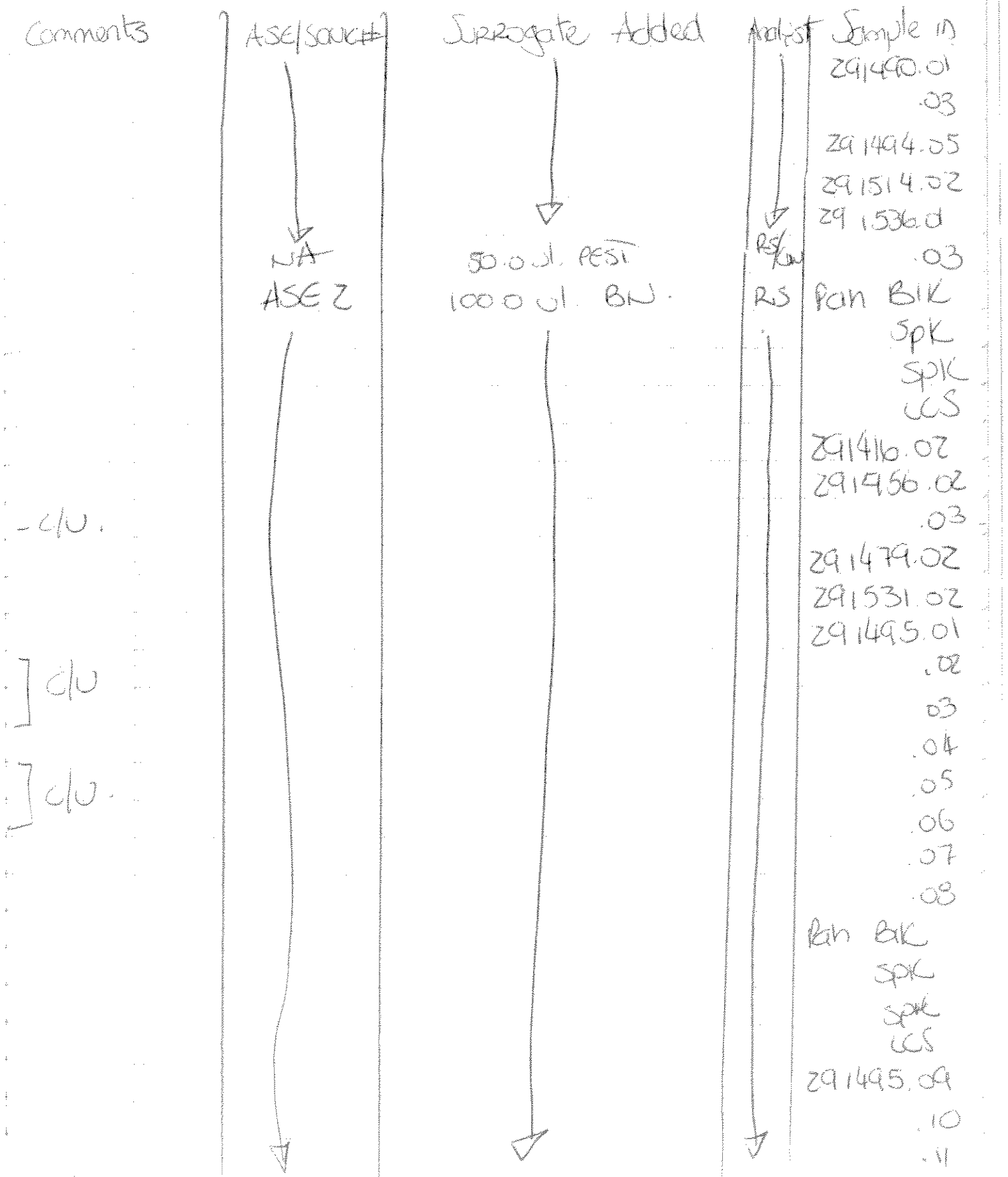
All samples were received in good condition.

ANALYTICAL RESULTS SUMMARY

instrument: SVGC 2, H.P. 5890
primary column: Rtx-CLPesticides, 30 m x 0.25 mm x 0.25um df
confirmation column: Rtx-CLPesticidesII, 30 m x 0.25 mm x 0.2um df

lab number	sample wt./vol.	final vol.	dilution factor
291490.01	1000ml	10ml	1
291490.03	1000ml	10ml	1

Date	Sample ID	Matrix	Sample wt/Vol.	Final vol.	Vial ID & Dilut.	Method	Init. pH	Final pH	Comments
	291490.01				1490.01 x 1				
	.03				.03 x 1				
	291494.05				1494.05 x 1				
	291514.02				1514.02 x 1				
	291536.01				1536.01 x 1				
	.03	W	1000.0ml	10.0ml	.03 x 1	Pest	~7	~7	
4.22.09	Pah. BLK	S	33.3g	1.0ml	BLK x 30	Pah	NA	NA	
	SPK				SPK x 30				
	SPK				SPK x 30				
	LCS		33.3g		LCS x 30				
	291446.02		10.0g		1446.02 x 100				
	291456.02				1456.02 x 100				
	.03				.03 x 100				- clr
	291479.02				1479.02 x 100				
	291531.02				1531.02 x 100				
	291495.01				1495.01 x 100				
	.02				.02 x 100				clr
	.03				.03 x 100				
	.04				.04 x 100				
	.05				.05 x 100				clr
	.06				.06 x 100				
	.07				.07 x 100				
	.08		10.0g.		.08 x 100				
	Pah. BLK		33.3g		BLK x 30				
	SPK				SPK x 30				
	SPK				SPK x 30				
	LCS		33.3g		LCS x 30				
	291495.09		10.0g		1495.09 x 100				
	.10				.10 x 100				
	.11				.11 x 100				


Comments
ASE/SOXH
Surrogate Added
Analyst
Sample ID
Z91490.01
.03
Z91494.05
Z91514.02
Z91536.01
.03
Pan BLK
SPK
SPK
LCS
Z91416.02
Z91456.02
.03
Z91479.02
Z91531.02
Z91495.01
.02
.03
.04
.05
.06
.07
.08
Pan BLK
SPK
SPK
LCS
Z91495.09
.10
.11
NA
ASE 2
50.0 ul. PEST
100.0 ul. BN.
RS
RS
- c/u.
c/u
c/u.

Pesticide
Target Compounds

aldrin
alpha BHC
beta BHC
delta BHC
lindane
pp DDD
pp DDE
pp DDT
dieldrin
endosulfan 1
endosulfan 2
endosulfan sulfate
endrin
endrin aldehyde
heptachlor
heptachlor epoxide
chlordane
toxaphene
endrin ketone

PESTICIDES RETENTION TIME WINDOWS

instrument: SVGC 2, H.P. 5890
primary column: Rtx-CLPesticides, 30 m, 0.25 mm

compound	retention time	retention time window from	to
alpha BHC	11.18	11.15	11.22
lindane	12.40	12.40	12.40
heptachlor	14.09	14.09	14.09
aldrin	15.10	15.06	15.13
beta BHC	12.81	12.81	12.81
delta BHC	13.40	13.40	13.40
heptachlor epoxide	17.23	17.23	17.23
endosulfan 1	18.47	18.47	18.47
pp DDE	18.55	18.55	18.55
dieldrin	19.25	19.25	19.25
endrin	19.96	19.96	19.96
pp DDD	20.45	20.45	20.45
endosulfan 2	20.68	20.68	20.68
pp DDT	21.32	21.32	21.32
endrin aldehyde	22.04	22.04	22.04
endosulfan sulfate	23.39	23.39	23.39
methoxychlor	23.01	23.01	23.01

PESTICIDES RETENTION TIME WINDOWS

instrument: SVGC 2, H.P. 5890
confirmation column: Rtx-CLPesticidesII, 30 m, 0.25 mm

compound	retention time	retention time window from	to
alpha BHC	13.40	13.38	13.41
lindane	14.77	14.77	14.77
heptachlor	16.35	16.35	16.35
aldrin	17.45	17.45	17.45
beta BHC	15.17	15.17	15.17
delta BHC	16.22	16.19	16.26
heptachlor epoxide	19.47	19.47	19.47
endosulfan 1	20.73	20.71	20.74
pp DDE	21.29	21.29	21.29
dieldrin	21.63	21.63	21.63
endrin	22.58	22.55	22.62
pp DDD	23.15	23.15	23.15
endosulfan 2	23.28	23.28	23.28
pp DDT	24.13	24.11	24.14
endrin aldehyde	24.39	24.39	24.39
endosulfan sulfate	25.26	25.23	25.30
methoxychlor	26.37	26.37	26.37

Pesticides
instrument: SVGC 2, H.P. 5890
primary column: Rtx-CLPesticides, 30 m, 0.25 mm.

compound	MDL ug/L	PQL ug/L
lindane	0.006	0.05
heptachlor	0.006	0.05
aldrin	0.005	0.05
heptachlor epoxide	0.003	0.05
pp DDE	0.003	0.05
dieldrin	0.003	0.05
endrin	0.002	0.05
pp DDD	0.007	0.05
pp DDT	0.005	0.1
endrin aldehyde	0.009	0.3
alpha BHC	0.002	0.05
beta BHC	0.004	0.05
delta BHC	0.004	0.05
endosulfan 1	0.004	0.1
endosulfan 2	0.006	0.1
endosulfan sulfate	0.002	0.3
methoxychlor	0.004	0.1

Pesticides
instrument: SVGC 2, H.P. 5890
confirmation column: Rtx-CLPesticidesII, 30 m, 0.25 mm.

compound	MDL ug/L	PQL ug/L
lindane	0.002	0.05
heptachlor	0.021	0.05
aldrin	0.005	0.05
heptachlor epoxide	0.003	0.05
pp DDE	0.003	0.05
dieldrin	0.005	0.05
endrin	0.009	0.05
pp DDD	0.003	0.05
pp DDT	0.004	0.1
endrin aldehyde	0.008	0.3
alpha BHC	0.004	0.05
beta BHC	0.003	0.05
delta BHC	0.004	0.05
endosulfan 1	0.003	0.1
endosulfan 2	0.004	0.1
endosulfan sulfate	0.008	0.3
methoxychlor	0.007	0.1

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.03

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) N Date Received: 4/17/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 4/22/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 4/23/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220926.D\data.ms Vial: 25
Signal #2 : C:\SVGC2FILES\042209\04220926.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 09:12 AM Operator: GW
Sample : 1490.01 NC x1 Inst : SVGC2
Misc : MultiplIr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 16:50 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xy	8.93	10.80	676833	757790	101.527	94.536
17)	S2 dibutyl chlorend	24.33	26.73	729666	630791	97.372	88.548
	Target Compounds						
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3)	lindane	0.00	0.00	0	0	N.D.	N.D.
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.
6)	beta BHC	0.00	15.11f	0	38414	N.D.	0.127 #
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.
8)	heptachlor epoxi	0.00	0.00	0	0	N.D.	N.D.
9)	endosulfan 1	18.56f	0.00	7182	0	0.015	N.D. #
10)	pp DDE	18.56	0.00	7182	0	0.015	N.D. #
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.
12)	endrin	0.00	0.00	0	0	N.D.	N.D.
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.
18)	endosulfan sulfa	0.00	0.00	0	0	N.D.	N.D.
19)	methoxychlor	0.00	26.31f	0	32783	N.D.	0.138 #
20)	endrin ketone	0.00	0.00	0	0	N.D.	N.D.
21)	alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22)	gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

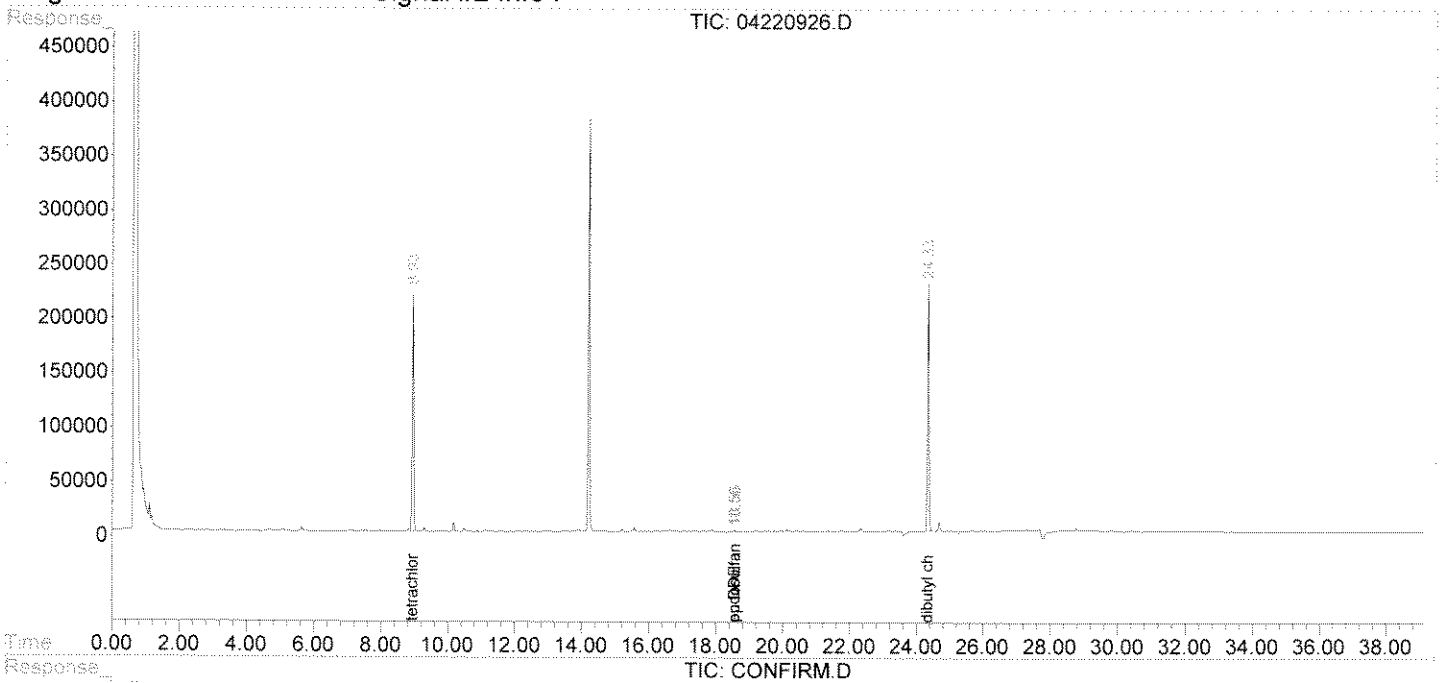
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220926.D RMPN0422.M Thu May 21 16:15:08 2009 SVGC3

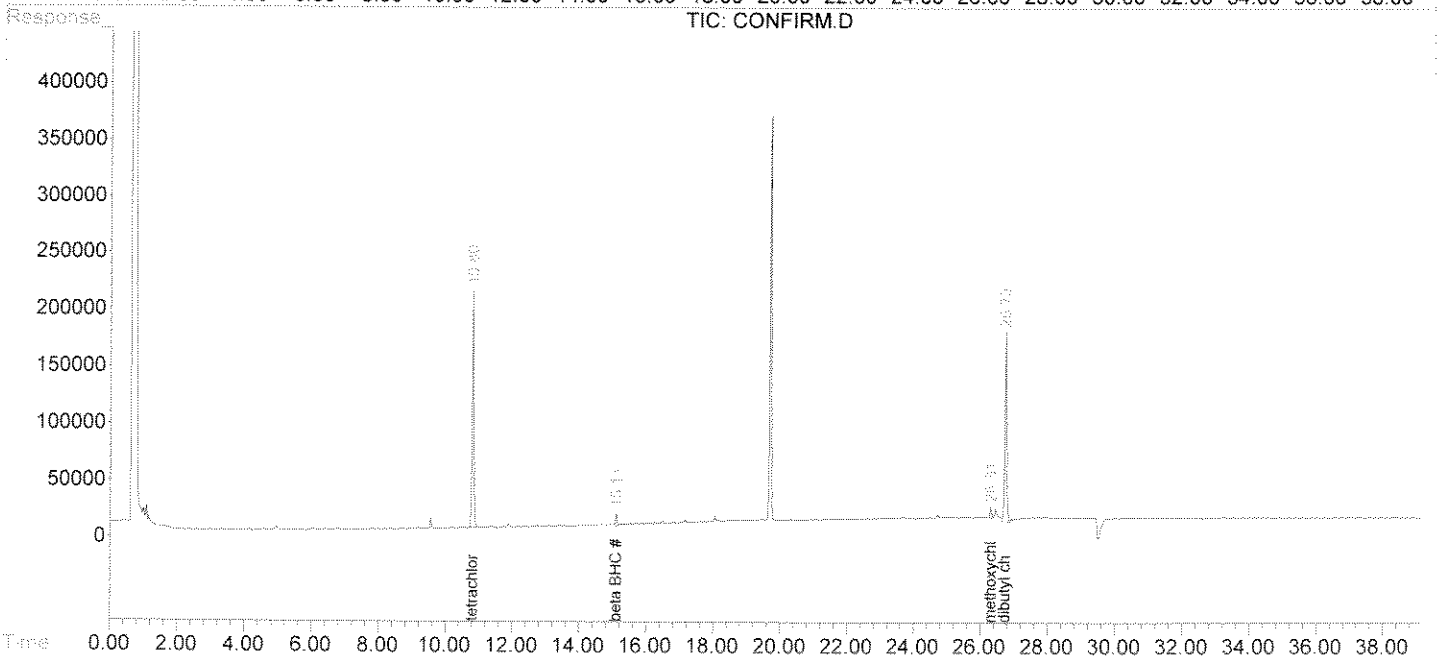
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220926.D\data.ms Vial: 25
Signal #2 : C:\SVGC2FILES\042209\04220926.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 09:12 AM Operator: GW
Sample : 1490.01 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 16:50 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.01

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) N Date Received: 4/17/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 4/22/09

Concentrated Extract Volume: 10 (mL) Date Analyzed: 4/23/09

Injection Volume: 4 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.05	U
72-55-9	4,4'-DDE	0.05	U
72-2-8	Endrin	0.05	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.05	U
1031-07-8	Endosulfan sulfate	0.30	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.10	U
53494-70-5	Endrin ketone	0.10	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.00	U

Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220927.D\data.ms Vial: 26
Signal #2 : C:\SVGC2FILES\042209\04220927.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 09:55 AM Operator: GW
Sample : 1490.03 NC x1 Inst : SVGC2
Misc : MultiplIr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 16:51 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xy	8.93	10.80	698287	785206	104.745	97.956
17)	S2 dibutyl chlorend	24.33	26.72	797858	682995	106.472	95.877
	Target Compounds						
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3)	lindane	0.00	0.00	0	0	N.D.	N.D.
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.
8)	heptachlor epoxi	0.00	0.00	0	0	N.D.	N.D.
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.
12)	endrin	0.00	0.00	0	0	N.D.	N.D.
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.
18)	endosulfan sulfa	0.00	0.00	0	0	N.D.	N.D.
19)	methoxychlor	0.00	26.44f	0	44604	N.D.	0.188 #
20)	endrin ketone	0.00	0.00	0	0	N.D.	N.D.
21)	alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22)	gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

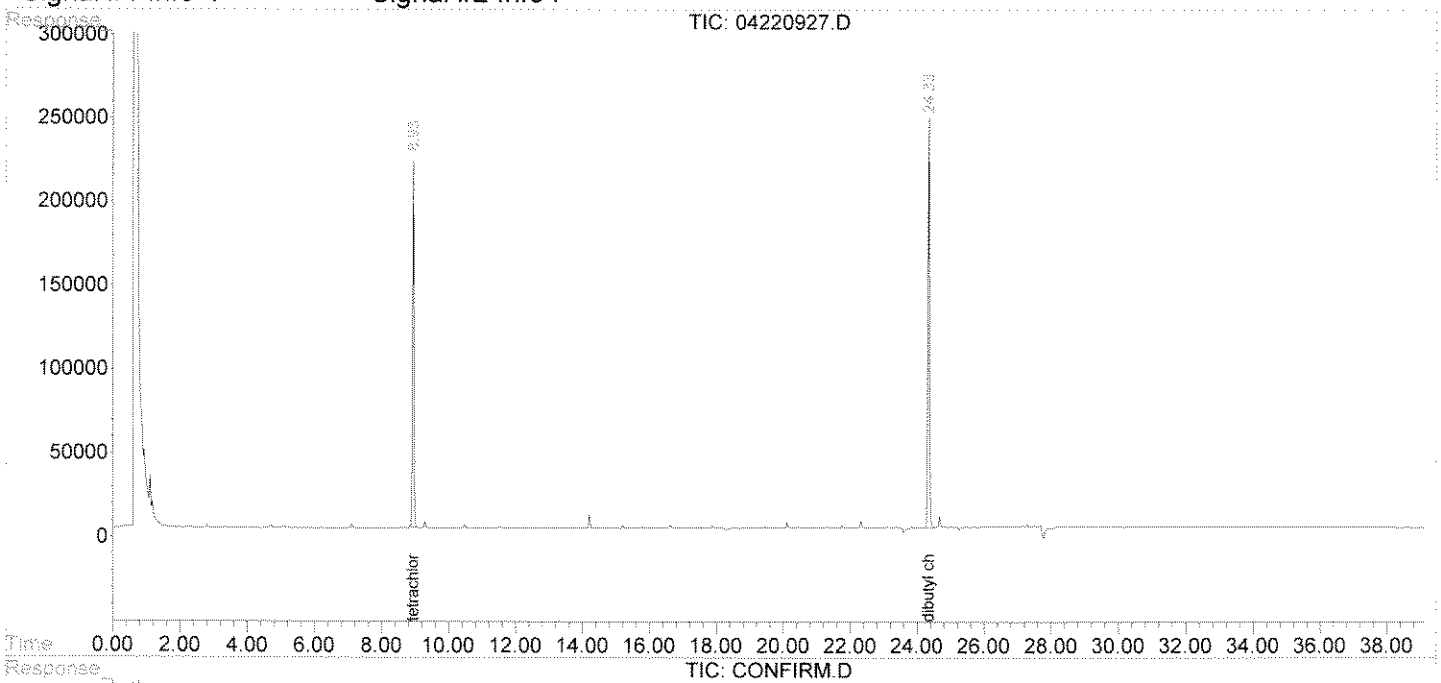
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

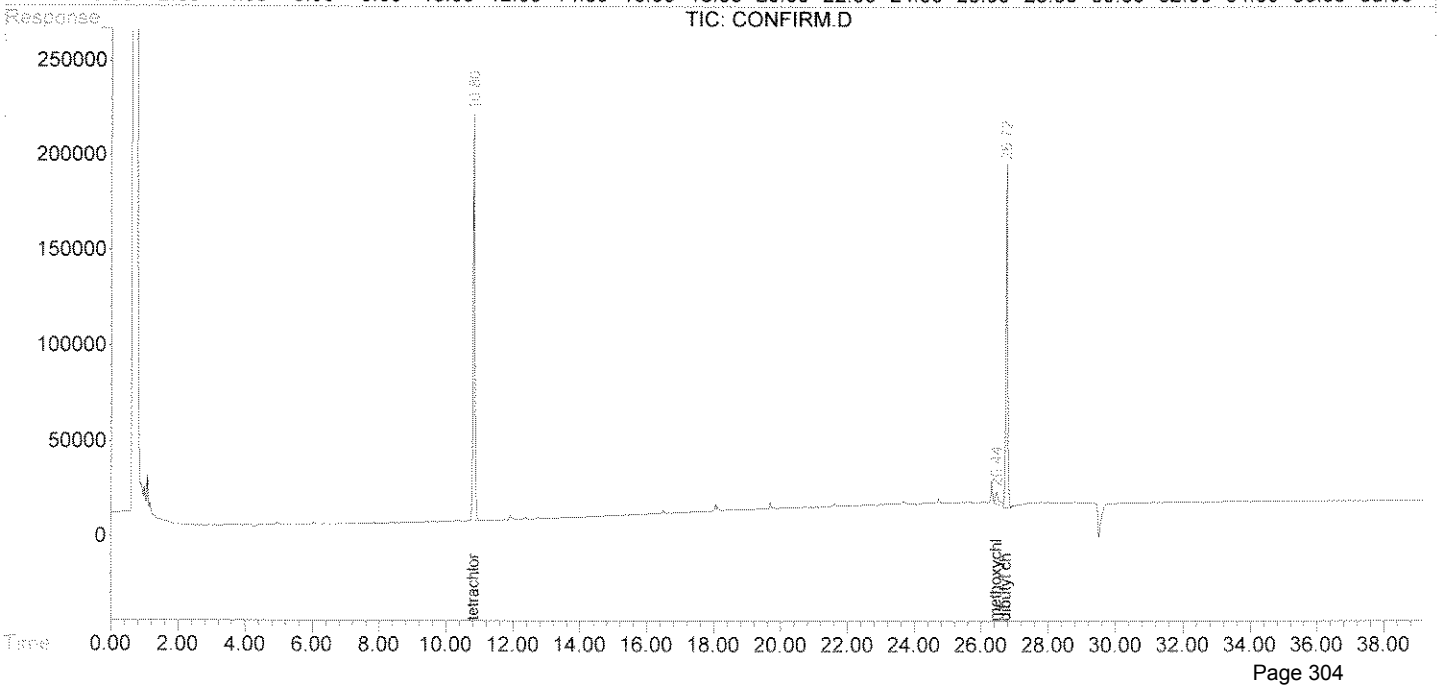
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220927.D\data.ms Vial: 26
Signal #2 : C:\SVGC2FILES\042209\04220927.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 09:55 AM Operator: GW
Sample : 1490.03 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 16:51 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





2E

WATER PESTICIDE SURROGATE RECOVERY

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

GC Column (1): RTX-CLPesticides ID: 0.25 (mm) GC Column (2): RTX-CLPesticidesII ID: 0.2 (mm)

	SAMPLE NO.	TCX 1	TCX 2	DBC 1	DBC 2			TOT OUT
01	Method Blank	97	95	112	105			
02	Tap Water LCS	99	96	115	110			
03	291490.01	102	95	97	89			
04	291490.03	105	98	106	96			
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

TCX = tetrachloro-m-xylene
DCB = dibutyl chlorendate

ADVISORY QC LIMITS

Column 1: TCX N/A
DCB 34 - 145

Column 2: TCX N/A
DCB 22 - 147

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

3E

WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Ecotest Labs Inc Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No.: 291475.03MS, 291475.05MSD

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
A BHC	1.0	U	0.82	82	(56-118)
LINDANE	1.0	U	0.83	83	(57-120)
B BHC	1.0	U	0.81	81	(66-122)
ALDRIN	1.0	U	0.77	77	(41-108)
HEPTACHLOR EPOXIDE	1.0	U	0.81	81	(72-135)
ENDOSULFAN 1	1.0	U	0.80	80	(65-123)
ppDDE	1.0	U	0.78	78	(64-119)
DIELDRIN	1.0	U	0.83	83	(65-128)
ENDRIN	1.0	U	0.86	86	(58-126)
ppDDD	1.0	U	0.80	80	(62-130)
ENDOSULFAN 2	1.0	U	0.83	83	(70-124)
ppDDT	1.0	U	0.80	80	(55-126)
ENDRIN ALDEHYDE	1.0	U	0.81	81	(58-132)
ENDOSULFAN SULFATE	1.0	U	0.85	85	(64-128)

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
A BHC	1.0	0.85	85	3	15	(56-118)
LINDANE	1.0	0.85	85	2	15	(57-120)
B BHC	1.0	0.83	83	2	16	(66-122)
ALDRIN	1.0	0.78	78	1	24	(41-108)
HEPTACHLOR EPOXIDE	1.0	0.82	82	1	16	(72-135)
ENDOSULFAN 1	1.0	0.82	82	2	20	(65-123)
ppDDE	1.0	0.80	80	2	18	(64-119)
DIELDRIN	1.0	0.85	85	2	20	(65-128)
ENDRIN	1.0	0.88	88	2	17	(58-126)
ppDDD	1.0	0.82	82	2	17	(62-130)
ENDOSULFAN 2	1.0	0.84	84	1	18	(70-124)
ppDDT	1.0	0.83	83	3	16	(55-126)
ENDRIN ALDEHYDE	1.0	0.82	82	1	33	(58-132)
ENDOSULFAN SULFATE	1.0	0.86	86	1	18	(64-128)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 14 outside limits

Spike Recovery: 0 out of 28 outside limits

Comments: _____

Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220913.D\data.ms Vial: 13
Signal #2 : C:\SVGC2FILES\042209\04220913.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 11:48 PM Operator: GW
Sample : 1475.03 NC x1MS Inst : SVGC2
Misc : 1.0 rmp Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:28 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xy	8.93	10.80	653336	739402	98.002	92.242
17)	S2 dibutyl chlorend	24.33	26.73	730150	594829	97.436	83.500
	Target Compounds						
2)	alpha BHC	11.17	13.40	466028	479673	0.824	0.752
3)	lindane	12.40	14.77	439893	457150	0.833	0.753
4)	heptachlor	14.09	16.35	441938	439188	0.802	0.761
5)	aldrin	15.09	17.45	396886	394132	0.769	0.705
6)	beta BHC	12.81	15.19	203709	213433	0.810	0.707
7)	delta BHC	13.40	16.23	451325	459780	0.852	0.764
8)	heptachlor epoxi	17.23	19.47	401539	394264	0.807	0.762
9)	endosulfan 1	18.47	20.73	378679	352086	0.798	0.690
10)	pp DDE	18.55	21.29	374085	403001	0.779	0.688
11)	dieldrin	19.25	21.63	417859	397246	0.831	0.753
12)	endrin	19.96	22.59	404712	364663	0.862	0.769
13)	pp DDD	20.45	23.15	330482	317506	0.800	0.689
14)	endosulfan 2	20.68	23.28	384545	360155	0.833	0.717
15)	pp DDT	21.32	24.13	368200	338253	0.802	0.667
16)	endrin aldehyde	22.04	24.39	321211	304075	0.807	0.737
18)	endosulfan sulfa	23.39	25.27	391686	344535	0.848	0.753
19)	methoxychlor	23.01	26.37	228119	181721	0.889	0.765m
20)	endrin ketone	0.00	0.00	0	0	N.D.	N.D.
21)	alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22)	gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

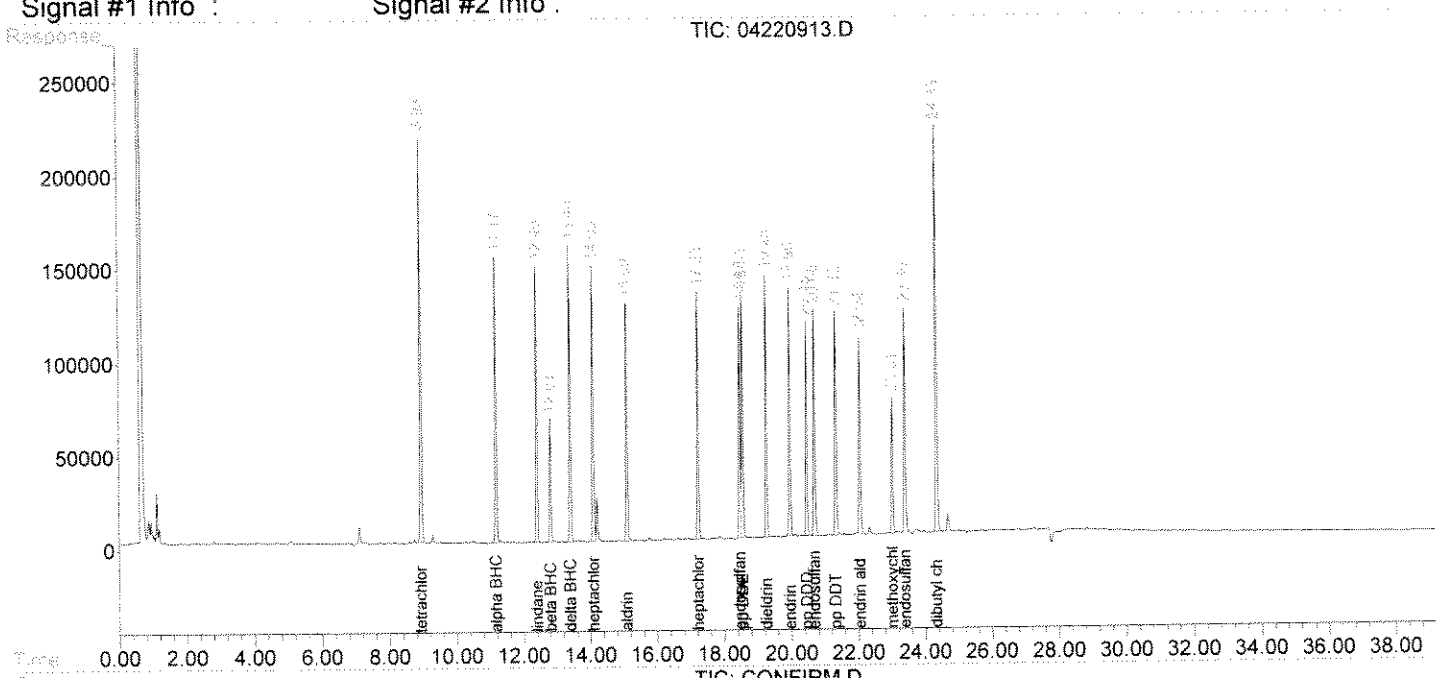
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220913.D RMPN0422.M Thu May 21 16:14:03 2009 SVGC3

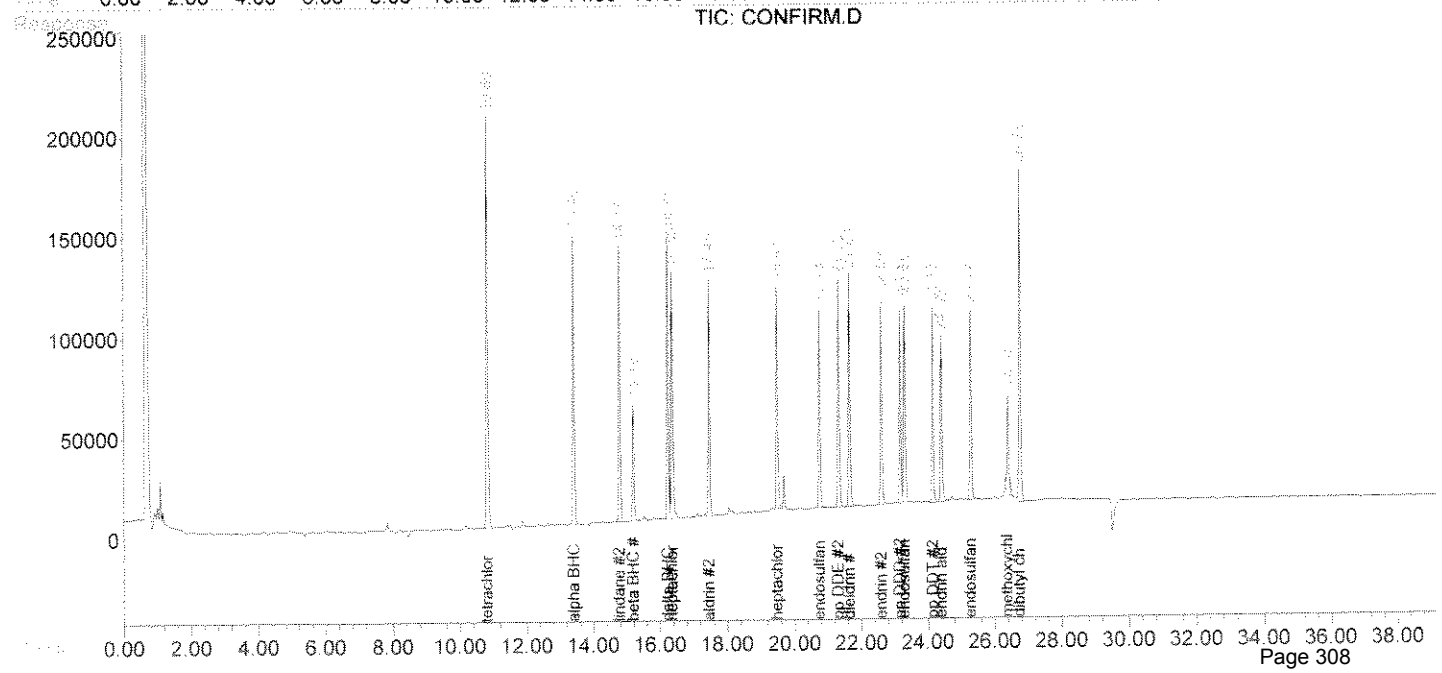
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220913.D\data.ms Vial: 13
Signal #2 : C:\SVGC2FILES\042209\04220913.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 11:48 PM Operator: GW
Sample : 1475.03 NC x1MS Inst : SVGC2
Misc : 1.0 rmp Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:28 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220914.D\data.ms Vial: 14
Signal #2 : C:\SVGC2FILES\042209\04220914.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 00:31 AM Operator: GW
Sample : 1475.05 NC x1MSD Inst : SVGC2
Misc : 1.0 rmp Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:29 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
System Monitoring Compounds						
1) S1 tetrachloro-m-xy	8.93	10.80	635628	709600	95.346	88.524
17) S2 dibutyl chlorend	24.33	26.73	715854	582120	95.528m	81.716
Target Compounds						
2) alpha BHC	11.19	13.40	480890	481561	0.850	0.755
3) lindane	12.40	14.77	450958	458267	0.854	0.755
4) heptachlor	14.09	16.35	446994	438487	0.812	0.760
5) aldrin	15.11	17.45	401416	389765	0.778	0.697
6) beta BHC	12.81	15.19	208572	214976	0.830	0.712
7) delta BHC	13.40	16.23	460199	463106	0.869	0.769
8) heptachlor epoxi	17.23	19.47	409297	400239	0.823	0.774
9) endosulfan 1	18.47	20.73	386722	352729	0.815	0.691
10) pp DDE	18.55	21.29	384847	406510	0.801	0.694
11) dieldrin	19.25	21.63	427106	398514	0.850	0.756
12) endrin	19.96	22.59	414275	365601	0.882	0.771
13) pp DDD	20.45	23.15	340551	316995	0.824	0.688
14) endosulfan 2	20.68	23.28	386898	357789	0.838	0.712
15) pp DDT	21.32	24.13	378588	338332	0.825	0.667
16) endrin aldehyde	22.04	24.39	326131	301342	0.819	0.731
18) endosulfan sulfa	23.39	25.27	398288	343404	0.862	0.750
19) methoxychlor	23.01	26.37	231704	174994	0.903	0.737m
20) endrin ketone	0.00	0.00	0	0	N.D.	N.D.
21) alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22) gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

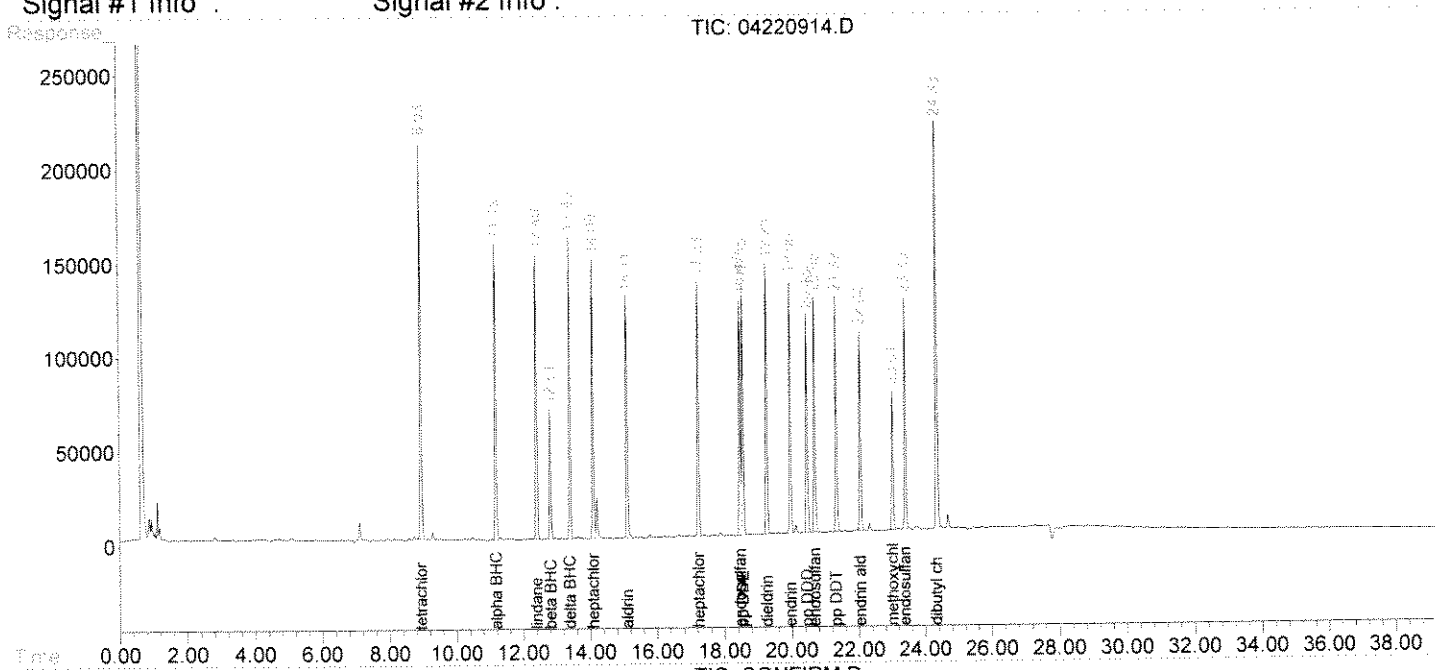
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220914.D RMPN0422.M Thu May 21 16:14:19 2009 SVGC3

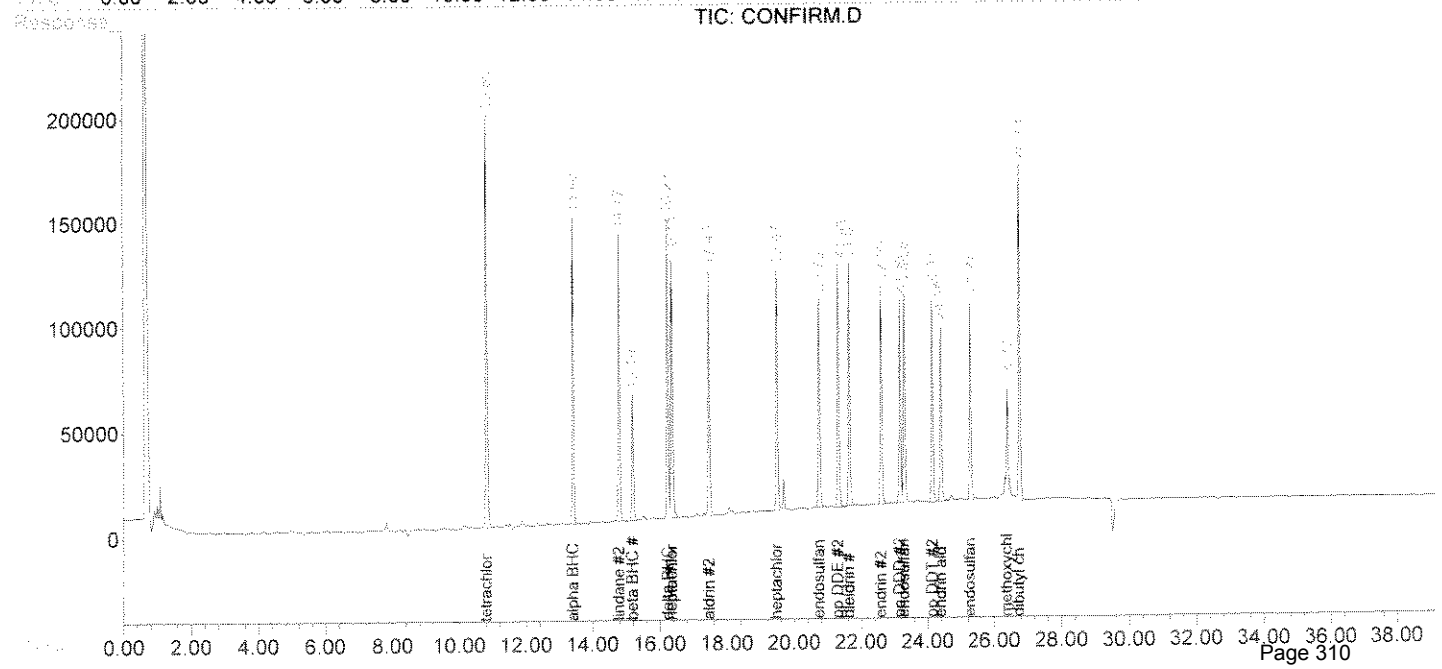
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220914.D\data.ms Vial: 14
Signal #2 : C:\SVGC2FILES\042209\04220914.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 00:31 AM Operator: GW
Sample : 1475.05 NC x1MSD Inst : SVGC2
Misc : 1.0 rmp MultiplIr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:29 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





LCS Summary

method: 608
instrument: SVGC 2, H.P. 5890
primary column: Rtx-CLPesticides, 30 m x 0.25 mm x 0.25um df
confirmation column: Rtx-CLPesticidesII, 30 m x 0.25 mm x 0.2um df

compound	unspiked conc. (ug/L)	spike conc. (ug/L)	water LCS conc. (ug/L)	LCS % rec.	% rec. limits
lindane	<0.05	1	1.04	104%	62-121
heptachlor	<0.05	1	0.99	99%	54-128
aldrin	<0.05	1	0.93	93%	43-113
heptachlor epoxide	<0.05	1	1.07	107%	71-134
pp DDE	<0.05	1	1.02	102%	64-119
dieldrin	<0.05	1	1.07	107%	72-124
endrin	<0.05	1	1.08	108%	57-125
pp DDD	<0.05	1	1.06	106%	68-128
pp DDT	<0.1	1	1.05	105%	60-128
endrin aldehyde	<0.3	1	1.04	104%	73-125
alpha BHC	<0.05	1	1.02	102%	59-121
beta BHC	<0.05	1	1.08	108%	70-122
delta BHC	<0.05	1	1.07	107%	65-120
endosulfan 1	<0.1	1	1.02	102%	68-124
endosulfan 2	<0.1	1	1.06	106%	65-133
endosulfan sulfate	<0.3	1	1.14	114%	65-125
methoxychlor	<0.1	1	1.10	110%	73-138

Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220912.D\data.ms Vial: 12
Signal #2 : C:\SVGC2FILES\042209\04220912.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 11:05 PM Operator: GW
Sample : pest LCS NC x1 Inst : SVGC2
Misc : 1.0 rmp MultiplIr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:27 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xy	8.93	10.80	660941	770650	99.143	96.140
17)	S2 dibutyl chlorend	24.33	26.73	859210	780786	114.659m	109.604
	Target Compounds						
2)	alpha BHC	11.19	13.40	578890	613390	1.023	0.961
3)	lindane	12.40	14.77	551054	596186	1.044	0.983
4)	heptachlor	14.09	16.35	542982	550511	0.986	0.954
5)	aldrin	15.11	17.45	481299	486678	0.932	0.871
6)	beta BHC	12.81	15.19	271562	306935	1.080	1.016
7)	delta BHC	13.40	16.23	564289	602618	1.065	1.001
8)	heptachlor epoxi	17.23	19.47	532470	534474	1.071	1.033
9)	endosulfan 1	18.47	20.73	484162	501526	1.021	0.982
10)	pp DDE	18.55	21.29	487902	559431	1.015	0.955
11)	dieldrin	19.25	21.63	535512	536552	1.065	1.017
12)	endrin	19.96	22.59	509032	490882	1.084	1.035
13)	pp DDD	20.45	23.15	437146	450471	1.058	0.978
14)	endosulfan 2	20.68	23.28	491184	500952	1.064	0.997
15)	pp DDT	21.32	24.13	479982	489916	1.046	0.965
16)	endrin aldehyde	22.04	24.39	414940	412090	1.042	0.999
18)	endosulfan sulfa	23.39	25.27	524750	463532	1.136	1.013
19)	methoxychlor	23.01	26.37	281098	246314	1.095	1.037m
20)	endrin ketone	24.20	0.00	4085	0	0.011	N.D. #
21)	alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22)	gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

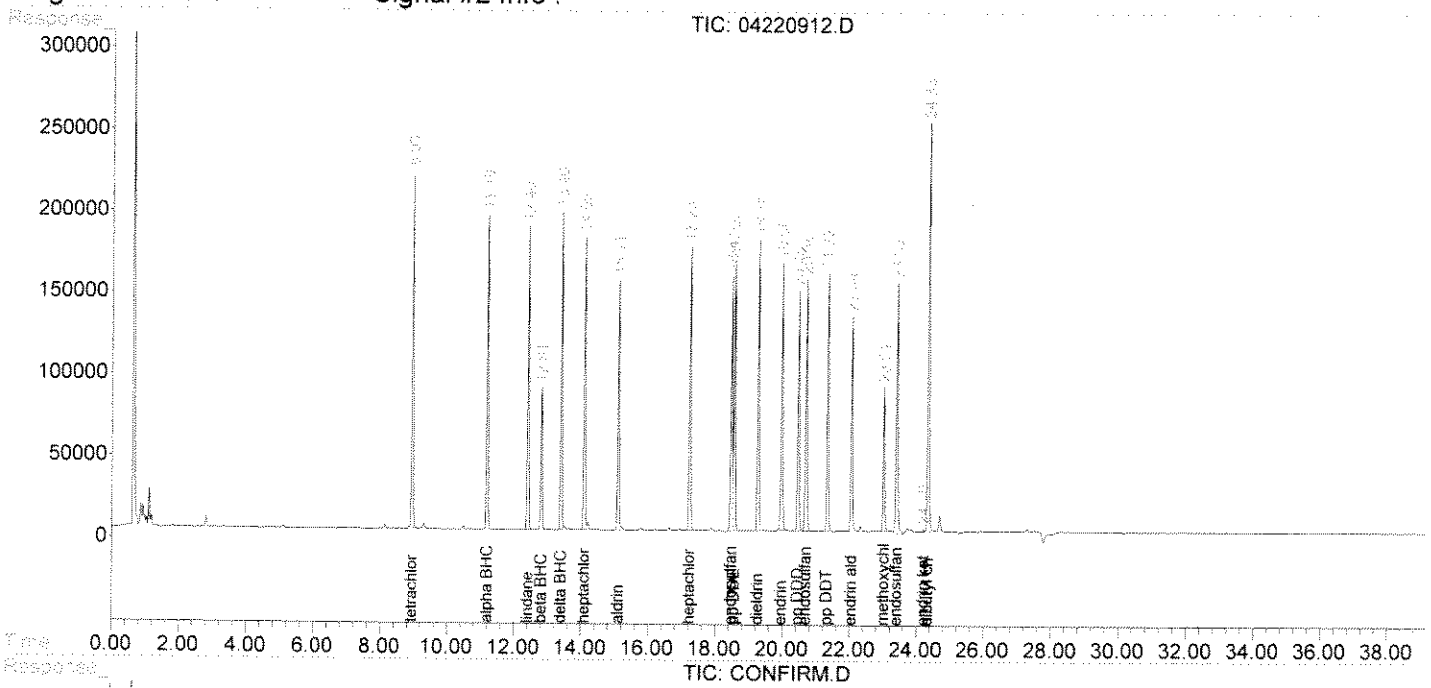
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220912.D RMPN0422.M Thu May 21 16:13:10 2009 SVGC2

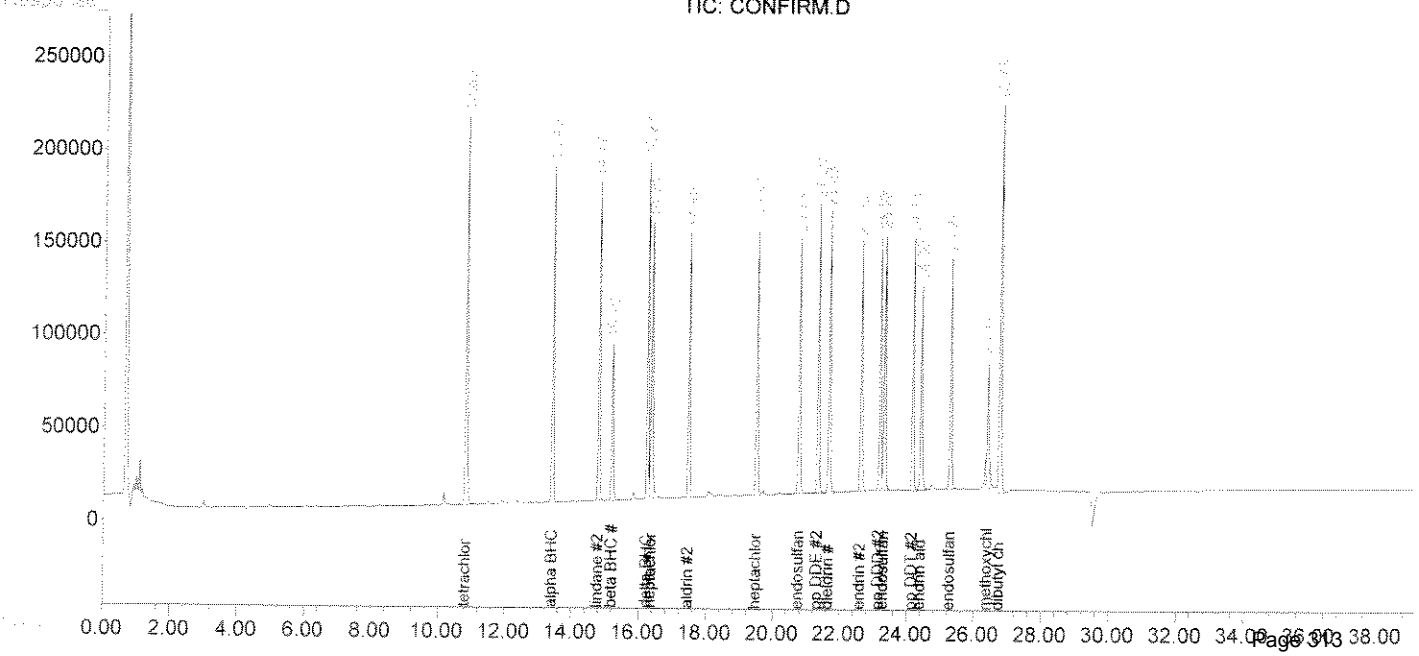
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220912.D\data.ms Vial: 12
Signal #2 : C:\SVGC2FILES\042209\04220912.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 11:05 PM Operator: GW
Sample : pest LCS NC x1 Inst : SVGC2
Misc : 1.0 rmp Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:27 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





4C

PESTICIDES METHOD BLANK SUMMARY

SAMPLE NO.

Method Blank

Lab Name: Ecotest Labs Inc. Contract:

Project No.: Site: Location: Group:

Lab Sample ID: Method Blank Lab File ID:

Matrix: (soil/water) water Extraction (SepF/Cont/Sonc) SepF

Sulfur Cleanup: (Y/N) N Date Extracted: 4/22/09

Date Analyzed (1): 4/22/09 Date Analyzed (2): 4/22/09

Time Analyzed (1): 1021pm Time Analyzed (2): 1021pm

Instrument ID (1): HP5890 Instrument ID (2): HP5890

GC Column (1): RTX-CLPesticides ID: 0.25 (mm) GC Column (2): RTX-CLPesticidesII ID: 0.2 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	Pest LCS NC x1			04/22/09
02	291475.01 NC x1			04/23/09
03	291475.03 NC x1			04/22/09
04	291475.05 NC x1			04/23/09
05	291475.07 NC x1			04/23/09
06	291475.09 NC x1			04/23/09
07	291475.11 NC x1			04/23/09
08	291475.13 NC x1			04/23/09
09	291475.15 NC x1			04/23/09
10	291489.01 NC x1			04/23/09
11	291489.02 NC x1			04/23/09
12	291490.01 NC x1			04/23/09
13	291490.02 NC x1			04/23/09
14	291514.02 NC x1			04/23/09
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

COMMENTS:

Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220911.D\data.ms Vial: 11
Signal #2 : C:\SVGC2FILES\042209\04220911.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 10:21 PM Operator: GW
Sample : met blank x1 Inst : SVGC2
Misc : 04/22/09 Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:26 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xy	8.93	10.80	646922	759866	97.040	94.795
17)	S2 dibutyl chlorend	24.33	26.73	840422	749487	112.152m	105.211m
	Target Compounds						
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3)	lindane	0.00	0.00	0	0	N.D.	N.D.
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.
8)	heptachlor epoxi	0.00	0.00	0	0	N.D.	N.D.
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.
12)	endrin	0.00	0.00	0	0	N.D.	N.D.
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.
18)	endosulfan sulfa	0.00	0.00	0	0	N.D.	N.D.
19)	methoxychlor	0.00	26.31f	0	53347	N.D.	0.225 #
20)	endrin ketone	0.00	26.93	0	13010	N.D.	0.036 #
21)	alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22)	gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

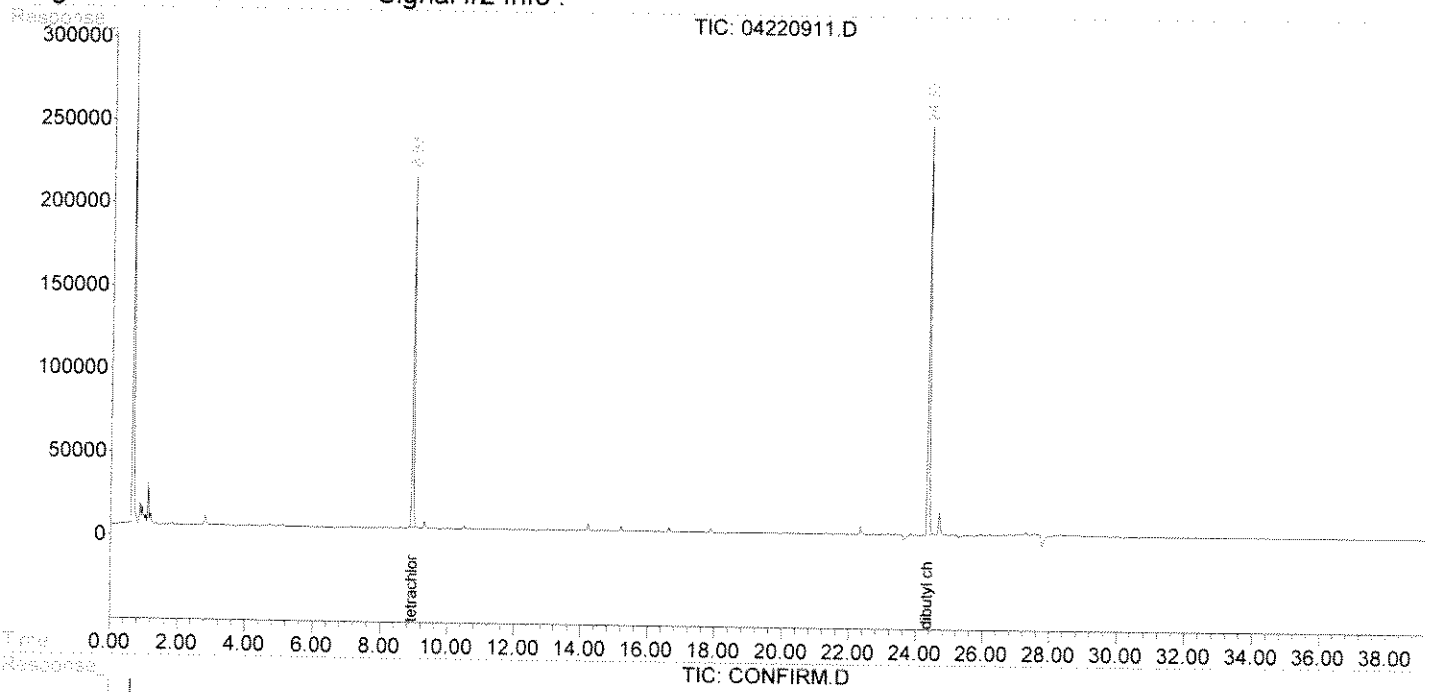
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220911.D RMPN0422.M Thu May 21 16:13:03 2009 SVGC2

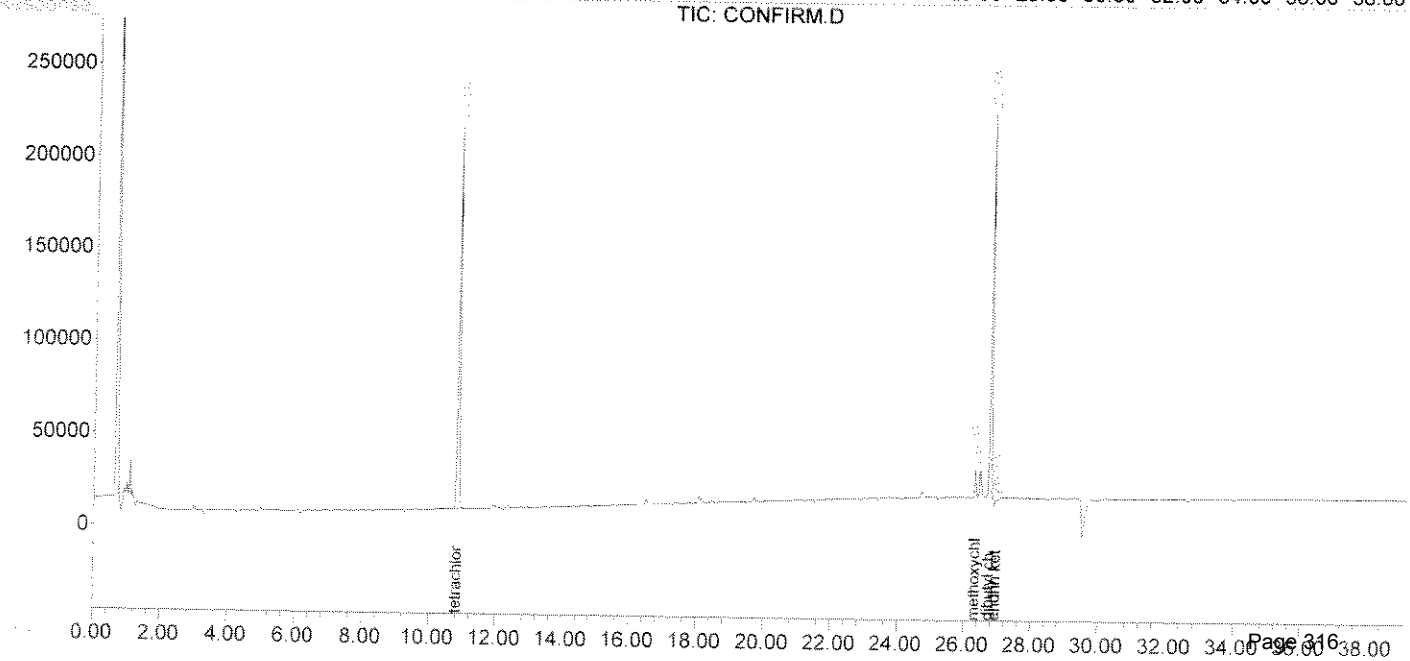
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220911.D\data.ms Vial: 11
Signal #2 : C:\SVGC2FILES\042209\04220911.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 10:21 PM Operator: GW
Sample : met blank x1 Inst : SVGC2
Misc : 04/22/09 Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:26 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: Ecotest Labs Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Instrument ID: HP5890 Level (x low): low 0.05ug/L mid 0.8ug/L high 2.0ug/L

GC Column: RTX-CLPesticides ID: 0.25 (mm) Date(s) Analyzed: 04/22/09

COMPOUND	CALIBRATION FACTORS				
	LOW	MID	HIGH	MEAN	%RSD
Alpha BHC	5.797	6.053	5.585	5.819	4.090
Lindane	5.898	5.694	5.201	5.541	5.830
Heptchlor	7.308	5.988	5.417	6.001	12.060
Aldrin	5.885	5.542	5.106	5.423	6.190
beta BHC	3.620	2.777	2.450	2.817	15.780
delta BHC	5.290	5.636	5.237	5.406	3.650
Heptachlor Epoxide	6.529	5.401	4.893	5.408	11.650
Endosulfan 1	6.293	5.162	4.662	5.177	12.170
ppDDE	5.077	5.164	4.774	4.958	4.080
Dieldrin	5.883	5.394	4.980	5.303	6.970
Endrin	5.596	5.087	4.632	4.988	7.680
ppDDD	4.381	4.392	4.099	4.262	3.950
Endosulfan 2	6.233	5.068	4.522	5.079	12.900
ppDDT	5.359	4.917	4.561	4.830	6.820
Endrin Aldehyde	5.188	4.323	3.907	4.319	11.270
Endosulfan Sulfate	6.265	5.024	4.531	5.060	12.980
Methoxychlor	3.938	2.909	2.475	2.948	18.710

%RSD must be less than or equal 15.0% for all compounds

Response Factor Report SVGC2

Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009

Calibration Files
0.05 =04220902.D 0.40 =04220903.D 0.80 =04220904.D
1.2 =04220905.D 1.6 =04220906.D 2.0 =04220907.D

	Compound	0.05	0.40	0.80	1.2	1.6	2.0	Avg		%RSD
1) S1	tetrachloro-m-xylen							6.667	E3	0.00
2)	alpha BHC	5.797	6.162	6.053	5.710	5.609	5.585	5.819	E5	4.09
3)	lindane	5.898	5.884	5.694	5.344	5.226	5.201	5.541	E5	5.83
4)	heptachlor	7.308	6.272	5.988	5.582	5.436	5.417	6.001	E5	12.06
5)	aldrin	5.885	5.707	5.542	5.198	5.100	5.106	5.423	E5	6.19
6)	beta BHC	3.620	3.002	2.777	2.566	2.486	2.450	2.817	E5	15.78
7)	delta BHC	5.290	5.676	5.636	5.342	5.255	5.237	5.406	E5	3.65
8)	heptachlor epoxide	6.529	5.681	5.401	5.037	4.908	4.893	5.408	E5	11.65
9)	endosulfan 1	6.293	5.468	5.162	4.781	4.697	4.662	5.177	E5	12.17
10)	pp DDE	5.077	5.169	5.164	4.849	4.717	4.774	4.958	E5	4.08
11)	dieldrin	5.883	5.543	5.394	5.062	4.958	4.980	5.303	E5	6.97
12)	endrin	5.569	5.261	5.087	4.741	4.637	4.632	4.988	E5	7.68
13)	pp DDD	4.381	4.463	4.392	4.157	4.080	4.099	4.262	E5	3.95
14)	endosulfan 2	6.233	5.388	5.068	4.710	4.556	4.522	5.079	E5	12.90
15)	pp DDT	5.359	5.018	4.917	4.606	4.518	4.561	4.830	E5	6.82
16)	endrin aldehyde	5.188	4.517	4.323	4.024	3.953	3.907	4.319	E5	11.27
17) S2	dibutyl chlorendate							7.494	E3	0.00
18)	endosulfan sulfate	6.265	5.277	5.024	4.701	4.565	4.531	5.060	E5	12.98
19)	methoxychlor	3.938	3.185	2.909	2.645	2.538	2.475	2.948	E5	18.71
20)	endrin ketone	5.007	4.044	3.809	3.812	3.608	3.536	3.969	E5	13.57
21)	alpha-cdane	5.157	4.088	3.828	3.836	3.609	3.573	4.015	E5	14.67
22)	gamma-cdane	5.273	4.209	3.975	4.010	3.779	3.753	4.167	E5	13.61

Signal #2 Calibration Files
0.05 =CONFIRM.D 0.40 =CONFIRM.D 0.80 =CONFIRM.D
1.2 =CONFIRM.D 1.6 =CONFIRM.D 2.0 =CONFIRM.D

	Compound	0.05	0.40	0.80	1.2	1.6	2.0	Avg		%RSD
1) S1	tetrachloro-m-xylen							8.016	E3	0.00
2)	alpha BHC	7.738	7.336	6.965	6.468	6.328	6.254	6.848	E5	8.79
3)	lindane	7.481	7.054	6.655	6.155	6.029	5.927	6.550	E5	9.53
4)	heptachlor	8.648	7.257	6.582	5.946	5.705	5.555	6.615	E5	17.81
5)	aldrin	7.615	6.680	6.213	5.697	5.534	5.444	6.197	E5	13.50
6)	beta BHC	4.377	3.714	3.386	3.094	2.996	2.923	3.415	E5	16.23
7)	delta BHC	6.924	6.814	6.540	6.091	6.001	5.890	6.377	E5	6.93
8)	heptachlor epoxide	7.664	6.552	5.924	5.348	5.111	4.973	5.929	E5	17.39
9)	endosulfan 1	7.657	6.495	5.859	5.284	5.032	4.911	5.873	E5	17.94
10)	pp DDE	8.808	7.160	6.556	5.992	5.761	5.700	6.663	E5	17.82
11)	dieldrin	8.195	6.611	6.003	5.446	5.202	5.084	6.090	E5	19.32
12)	endrin	7.447	6.118	5.502	4.948	4.670	4.540	5.538	E5	19.91
13)	pp DDD	5.925	5.460	5.103	4.711	4.556	4.484	5.040	E5	11.28
14)	endosulfan 2	7.574	6.389	5.770	5.250	4.949	4.815	5.791	E5	18.09
15)	pp DDT	6.637	5.976	5.603	5.169	5.005	4.964	5.559	E5	11.80

(#) = Out of Range ### Number of calibration levels exceeded format ###

Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009

Calibration Files
0.05 =CONFIRM.D 0.40 =CONFIRM.D 0.80 =CONFIRM.D
1.2 =CONFIRM.D 1.6 =CONFIRM.D 2.0 =CONFIRM.D

Compound	0.05	0.40	0.80	1.2	1.6	2.0	Avg		%RSD
16) endrin aldehyde	5.876	5.265	4.687	4.290	4.074	3.959	4.692	E5	15.98
17) S2 dibutyl chlorendate							7.124	E3	0.00
18) endosulfan sulfate	6.443	5.768	5.251	4.731	4.522	4.399	5.186	E5	15.40
19) methoxychlor	3.603	3.097	2.777	2.474	2.356	2.257	2.761	E5	18.64
20) endrin ketone	4.723	4.062	3.796	3.850	3.633	3.531	3.933	E5	10.90
21) alpha-cdane	6.055	4.882	4.579	4.608	4.377	4.316	4.803	E5	13.43
22) gamma-cdane	6.378	5.114	4.769	4.819		4.527	5.121	E5	14.31

(#) = Out of Range ### Number of calibration levels exceeded format ###

Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220902.D\data.ms Vial: 2
Signal #2 : C:\SVGC2FILES\042209\04220902.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 03:50 PM Operator: GW
Sample : rmp 0.05 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:25 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:23:54 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17)	S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
	Target Compounds						
2)	alpha BHC	11.17	13.39	28985	38179	0.051	0.060
3)	lindane	12.40	14.77	29490	37403	0.056	0.062
4)	heptachlor	14.09	16.35	36541	43238	0.066	0.075
5)	aldrin	15.11	17.45	29424	38074	0.057	0.068
6)	beta BHC	12.81	15.17	18099	21884	0.072	0.072
7)	delta BHC	13.40	16.21	26452	34618	0.050	0.058
8)	heptachlor epoxi	17.23	19.47	32643	38318	0.066	0.074
9)	endosulfan 1	18.47	20.72	31743	38286	0.067	0.075
10)	pp DDE	18.55	21.29	26507	44042	0.055	0.075 #
11)	dieldrin	19.25	21.63	29414	40973	0.059	0.078 #
12)	endrin	19.96	22.57	27846	37236	0.059	0.078 #
13)	pp DDD	20.45	23.15	21903	29627	0.053	0.064
14)	endosulfan 2	20.68	23.28	31163	37869	0.067	0.075
15)	pp DDT	21.32	24.12	26795	33405	0.058	0.066
16)	endrin aldehyde	22.04	24.39	25938	29382	0.065	0.071
18)	endosulfan sulfa	23.39	25.25	31327	32216	0.068	0.070
19)	methoxychlor	23.01	26.37	19690	18016	0.077	0.076
20)	endrin ketone	0.00	0.00	0	0	N.D.	N.D.
21)	alpha-cdane	0.00	20.72	0	38286	N.D.	0.087 #
22)	gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

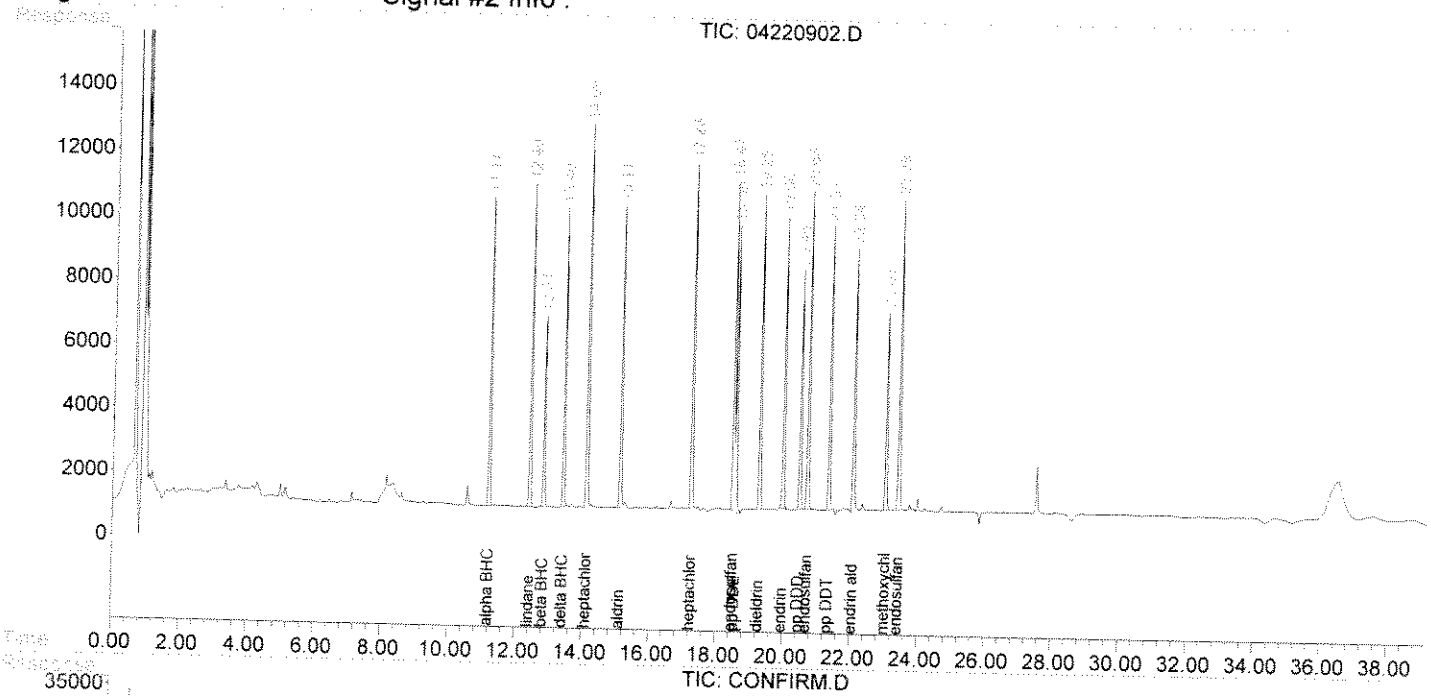
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220902.D RMPN0417.M Thu May 21 16:12:15 2009 SVGC2

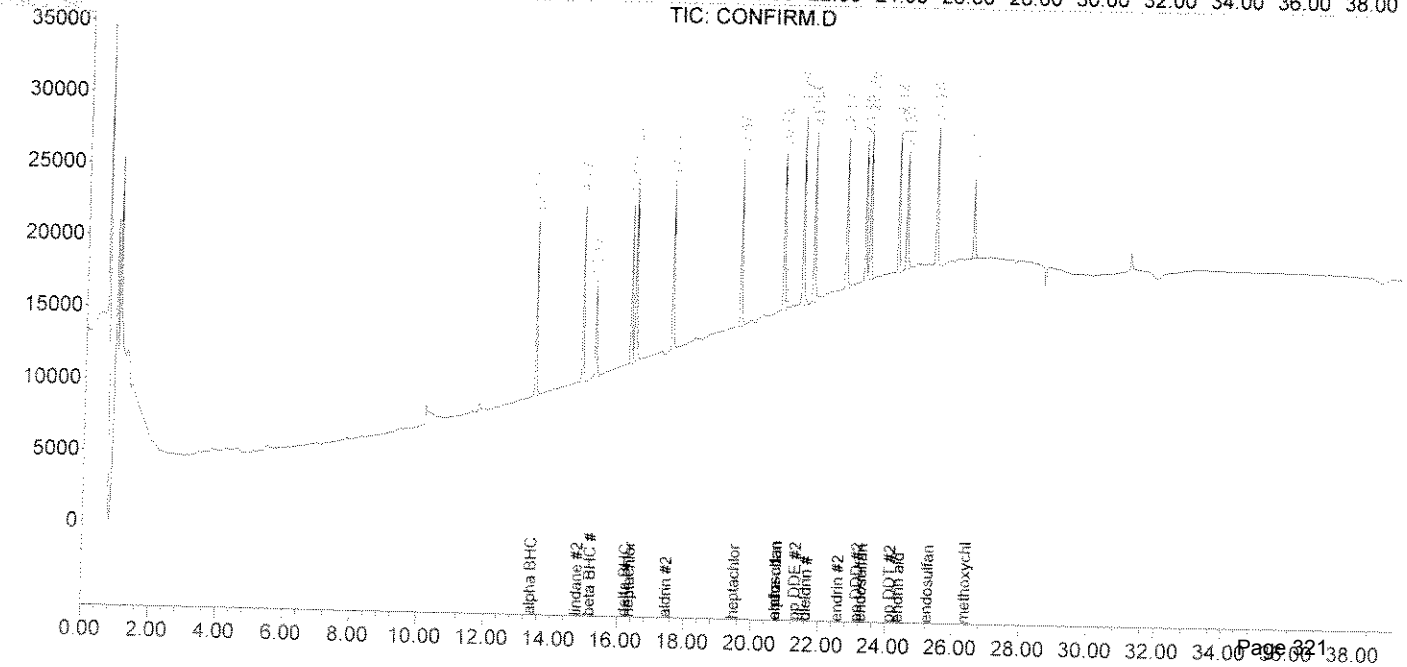
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220902.D\data.ms Vial: 2
Signal #2 : C:\SVGC2FILES\042209\04220902.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 03:50 PM Operator: GW
Sample : rmp 0.05 Inst : SVGC2
Misc : MultiplIr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:25 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:23:54 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220903.D\data.ms Vial: 3
Signal #2 : C:\SVGC2FILES\042209\04220903.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 04:34 PM Operator: GW
Sample : rmp 0.4 Inst : SVGC2
Misc : MultiplIr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:17 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17)	S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
	Target Compounds						
2)	alpha BHC	11.19	13.40	246478	293440	0.433	0.454
3)	lindane	12.40	14.77	235345	282146	0.444	0.462
4)	heptachlor	14.09	16.35	250890	290276	0.457	0.497
5)	aldrin	15.11	17.45	228272	267205	0.443	0.471
6)	beta BHC	12.81	15.17	120070	148562	0.473	0.485
7)	delta BHC	13.40	16.23	227028	272562	0.424	0.445
8)	heptachlor epoxi	17.23	19.47	227224	262080	0.461	0.510
9)	endosulfan 1	18.47	20.73	218728	259800	0.483	0.507
10)	pp DDE	18.55	21.29	206745	286404	0.454	0.492
11)	dieldrin	19.25	21.63	221705	264434	0.451	0.503
12)	endrin	19.96	22.59	210452	244719	0.459	0.518
13)	pp DDD	20.45	23.15	178503	218401	0.446	0.475
14)	endosulfan 2	20.68	23.28	215509	255571	0.483	0.527
15)	pp DDT	21.32	24.12	200721	239026	0.452	0.481
16)	endrin aldehyde	22.04	24.39	180670	210607	0.459	0.511
18)	endosulfan sulfa	23.39	25.27	211099	230703	0.468	0.514
19)	methoxychlor	23.01	26.37	127384	123891	0.509	0.541
20)	endrin ketone	0.00	0.00	0	0	N.D. d	N.D.
21)	alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22)	gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

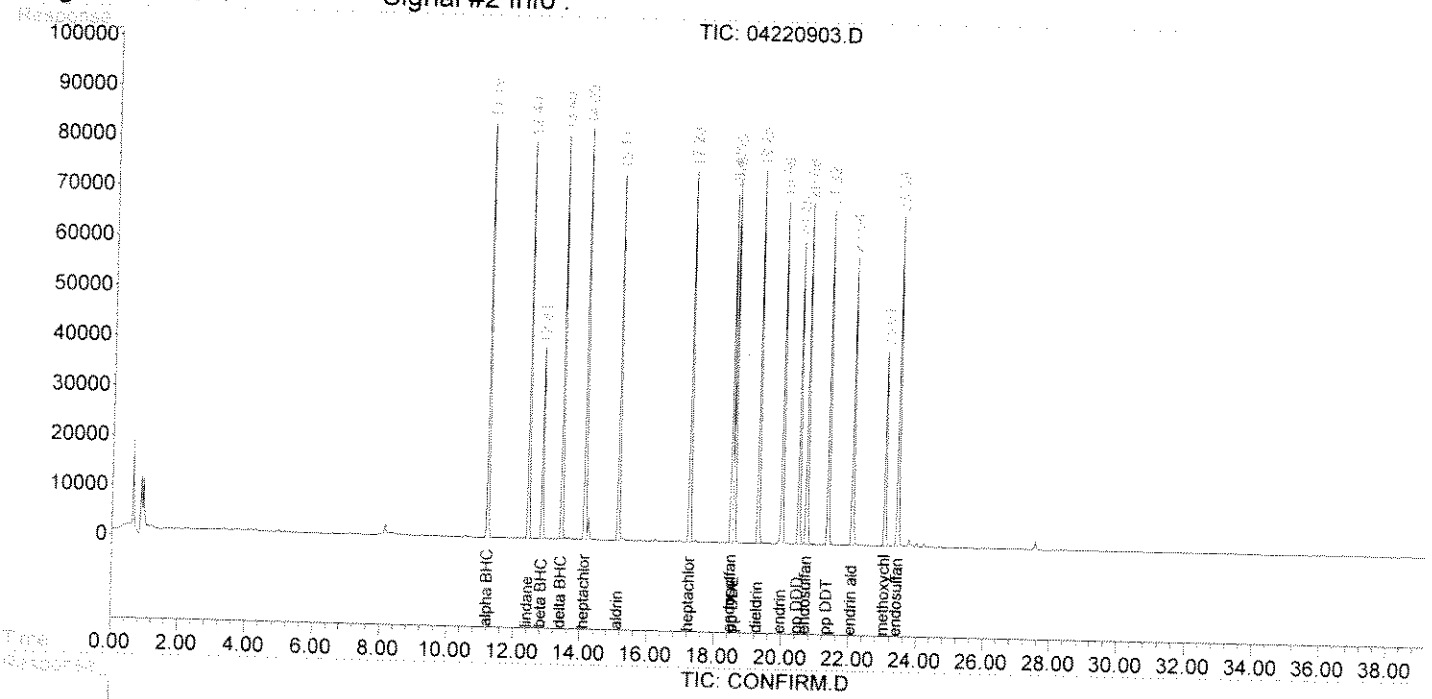
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220903.D RMPN0417.M Thu May 21 16:12:21 2009 SVGC3

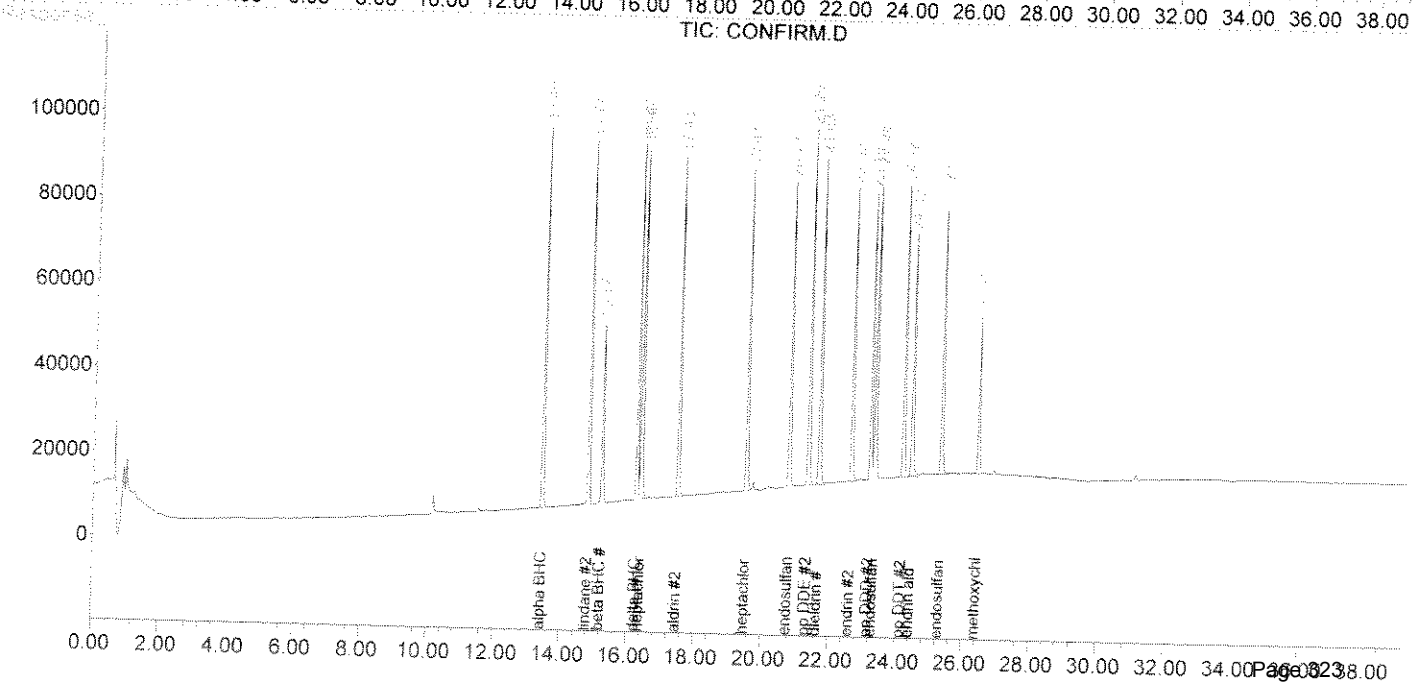
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220903.D\data.ms Vial: 3
Signal #2 : C:\SVGC2FILES\042209\04220903.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 04:34 PM Operator: GW
Sample : rmp 0.4 Inst : SVGC2
Misc : MultiplIr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:17 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220904.D\data.ms Vial: 4
Signal #2 : C:\SVGC2FILES\042209\04220904.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 05:17 PM Operator: GW
Sample : rmp 0.8 Inst : SVGC2
Misc : MultiplIr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:18 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
System Monitoring Compounds						
1) S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17) S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
Target Compounds						
2) alpha BHC	11.19	13.40	484252	557202	0.851	0.862
3) lindane	12.40	14.77	455499	532389	0.859	0.873
4) heptachlor	14.09	16.35	479056	526550	0.872	0.902
5) aldrin	15.09	17.45	443384	497014	0.860	0.875
6) beta BHC	12.81	15.17	222148	270850	0.876	0.884
7) delta BHC	13.40	16.23	450896	523195	0.841	0.855
8) heptachlor epoxi	17.23	19.47	432084	473957	0.877	0.922
9) endosulfan 1	18.47	20.73	412943	468760	0.912	0.915
10) pp DDE	18.55	21.29	413118	524446	0.908	0.900
11) dieldrin	19.25	21.63	431552	480265	0.879	0.914
12) endrin	19.96	22.59	406927	440196	0.888	0.932
13) pp DDD	20.45	23.15	351362	408228	0.877	0.887
14) endosulfan 2	20.68	23.28	405478	461604	0.909	0.951
15) pp DDT	21.32	24.13	393392	448238	0.885	0.902
16) endrin aldehyde	22.04	24.39	345859	374950	0.879	0.909m
18) endosulfan sulfa	23.39	25.27	401908	420087	0.891	0.936
19) methoxychlor	23.01	26.37	232748	222156	0.930m	0.970
20) endrin ketone	0.00	0.00	0	0	N.D. d	N.D.
21) alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22) gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

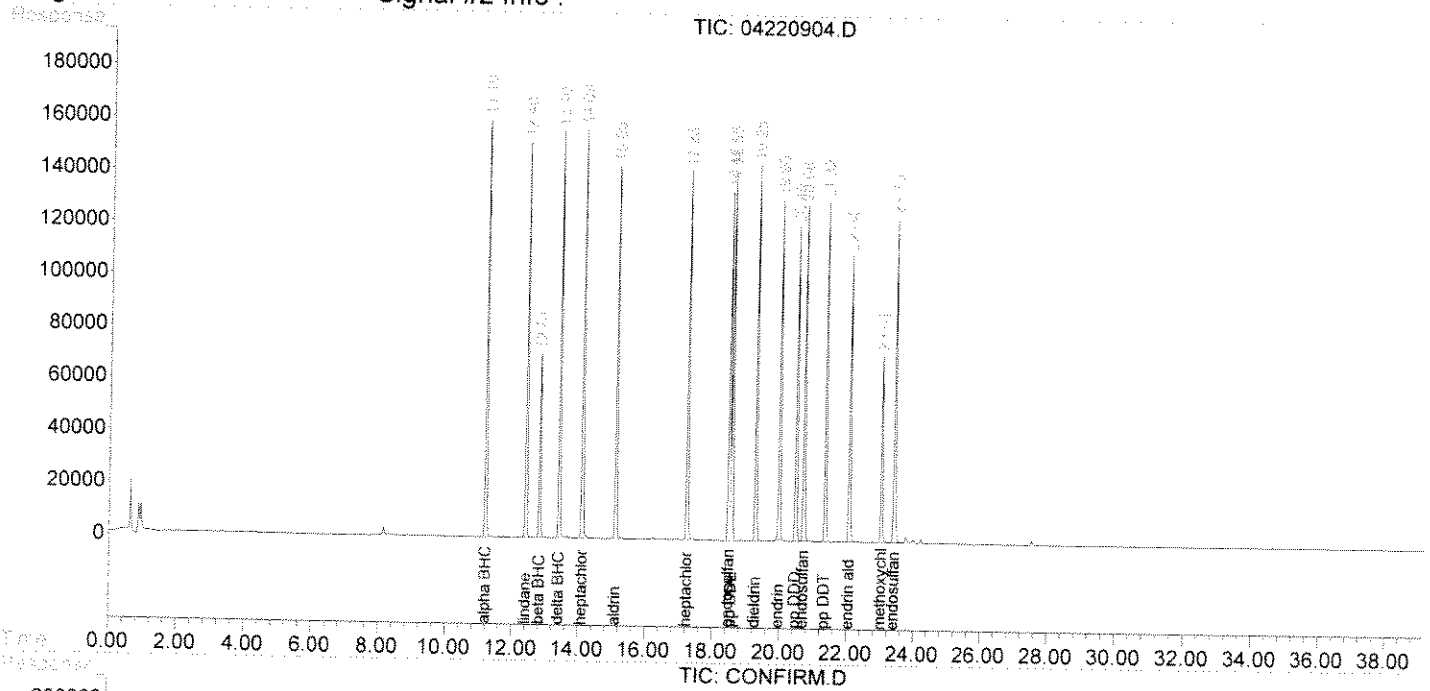
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220904.D RMPN0417.M Thu May 21 16:12:26 2009 SVGC2

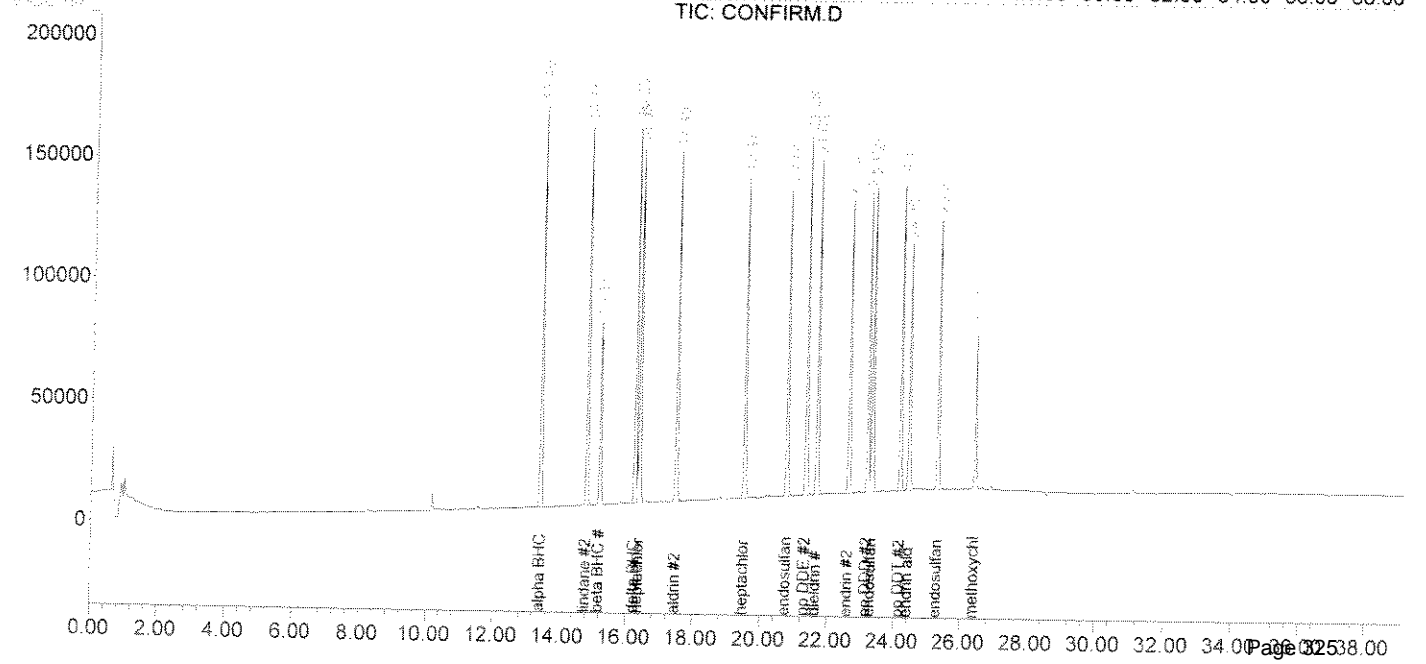
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220904.D\data.ms Vial: 4
Signal #2 : C:\SVGC2FILES\042209\04220904.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 05:17 PM Operator: GW
Sample : rmp 0.8 Inst : SVGC2
Misc : MultiplIr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:18 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220905.D\data.ms Vial: 5
Signal #2 : C:\SVGC2FILES\042209\04220905.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 06:01 PM Operator: GW
Sample : rmp 1.2 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:19 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17)	S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
	Target Compounds						
2)	alpha BHC	11.19	13.40	685222	776120	1.205	1.201
3)	lindane	12.40	14.77	641302	738615	1.209	1.210
4)	heptachlor	14.09	16.35	669842	713533	1.220	1.222
5)	aldrin	15.11	17.45	623809	683619	1.209	1.204
6)	beta BHC	12.81	15.17	307902	371244	1.214	1.211
7)	delta BHC	13.40	16.23	641001	730930	1.196	1.194
8)	heptachlor epoxi	17.23	19.47	604431	641713	1.227	1.248
9)	endosulfan 1	18.47	20.73	573728	634129	1.267	1.238
10)	pp DDE	18.55	21.29	581840	719038	1.279	1.234
11)	dieldrin	19.25	21.63	607418	653509	1.237	1.243
12)	endrin	19.96	22.59	568936	593740	1.242	1.256
13)	pp DDD	20.45	23.15	498814	565295	1.246	1.229
14)	endosulfan 2	20.68	23.28	565168	630005	1.268	1.299
15)	pp DDT	21.32	24.13	552750	620234	1.243	1.248
16)	endrin aldehyde	22.04	24.39	482909	514845	1.228	1.248
18)	endosulfan sulfa	23.39	25.27	564102	567694	1.250	1.266
19)	methoxychlor	23.01	26.37	317430	296870	1.268	1.296
20)	endrin ketone	0.00	0.00	0	0	N.D. d	N.D.
21)	alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22)	gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

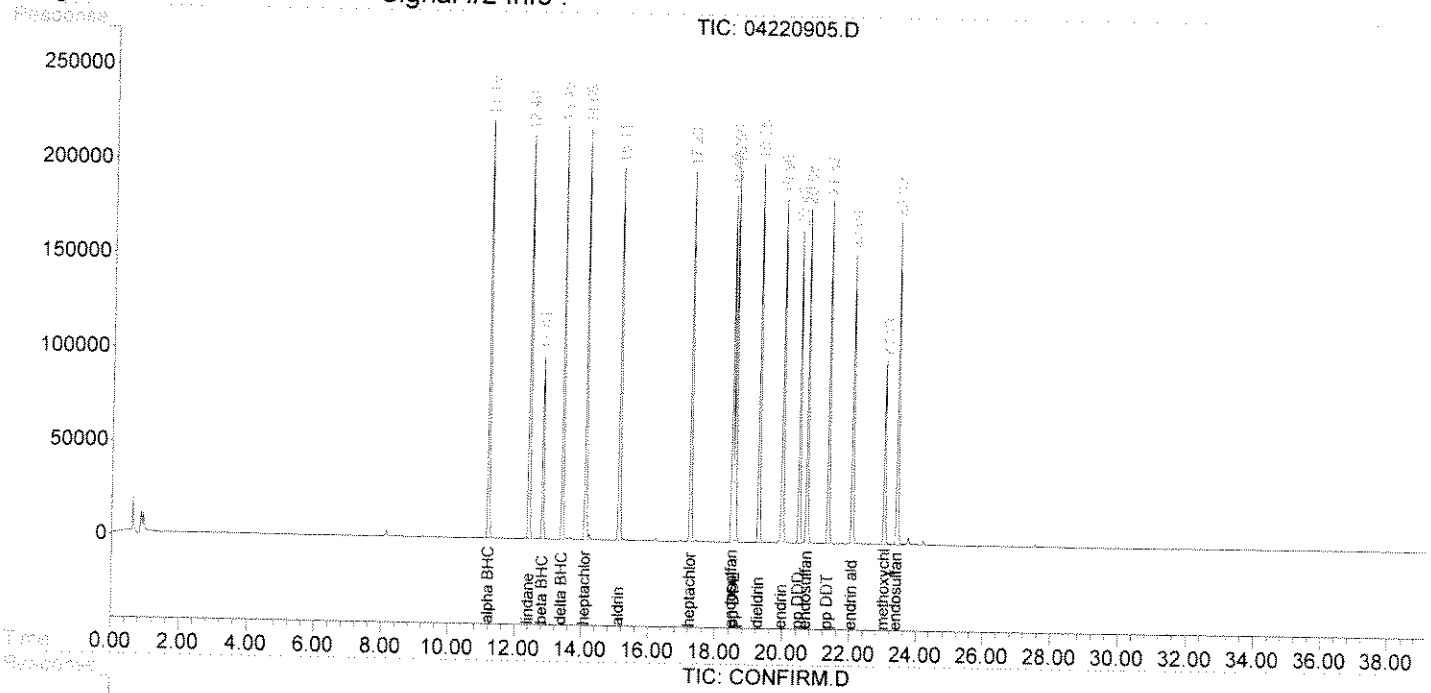
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

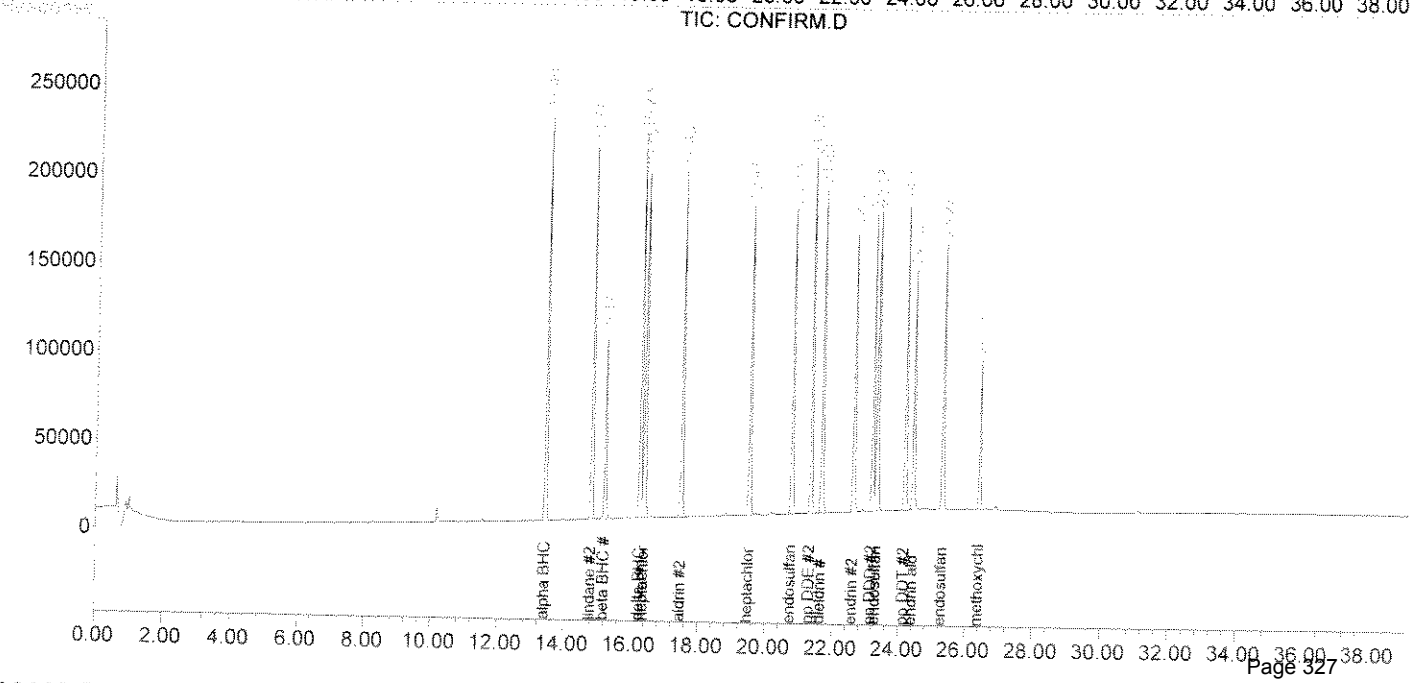
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220905.D\data.ms Vial: 5
Signal #2 : C:\SVGC2FILES\042209\04220905.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 06:01 PM Operator: GW
Sample : rmp 1.2 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:19 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220906.D\data.ms Vial: 6
Signal #2 : C:\SVGC2FILES\042209\04220906.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 06:44 PM Operator: GW
Sample : rmp 1.6 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:21 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
System Monitoring Compounds						
1) S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17) S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
Target Compounds						
2) alpha BHC	11.17	13.40	897456	1012401	1.578	1.566
3) lindane	12.40	14.77	836088	964565	1.577	1.581
4) heptachlor	14.09	16.35	869840	912790	1.584	1.563
5) aldrin	15.09	17.45	816048	885379	1.582	1.560
6) beta BHC	12.80	15.17	397796	479377	1.568	1.564
7) delta BHC	13.40	16.23	840858	960165	1.569	1.569
8) heptachlor epoxi	17.23	19.47	785206	817838	1.594	1.591
9) endosulfan 1	18.47	20.73	751504	805181	1.659	1.572
10) pp DDE	18.55	21.29	754710	921818	1.659	1.583
11) dieldrin	19.25	21.63	793341	832378	1.615	1.584
12) endrin	19.96	22.59	741868	747260	1.620	1.581
13) pp DDD	20.45	23.15	652818	728903	1.630	1.584
14) endosulfan 2	20.68	23.28	728956	791794	1.635	1.632
15) pp DDT	21.32	24.12	722842	800828	1.626	1.611
16) endrin aldehyde	22.04	24.39	632494	651887	1.608	1.580
18) endosulfan sulfa	23.39	25.27	730330	723586	1.619	1.613
19) methoxychlor	23.00	26.37	406096	376937	1.622	1.646
20) endrin ketone	0.00	0.00	0	0	N.D. d	N.D.
21) alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22) gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

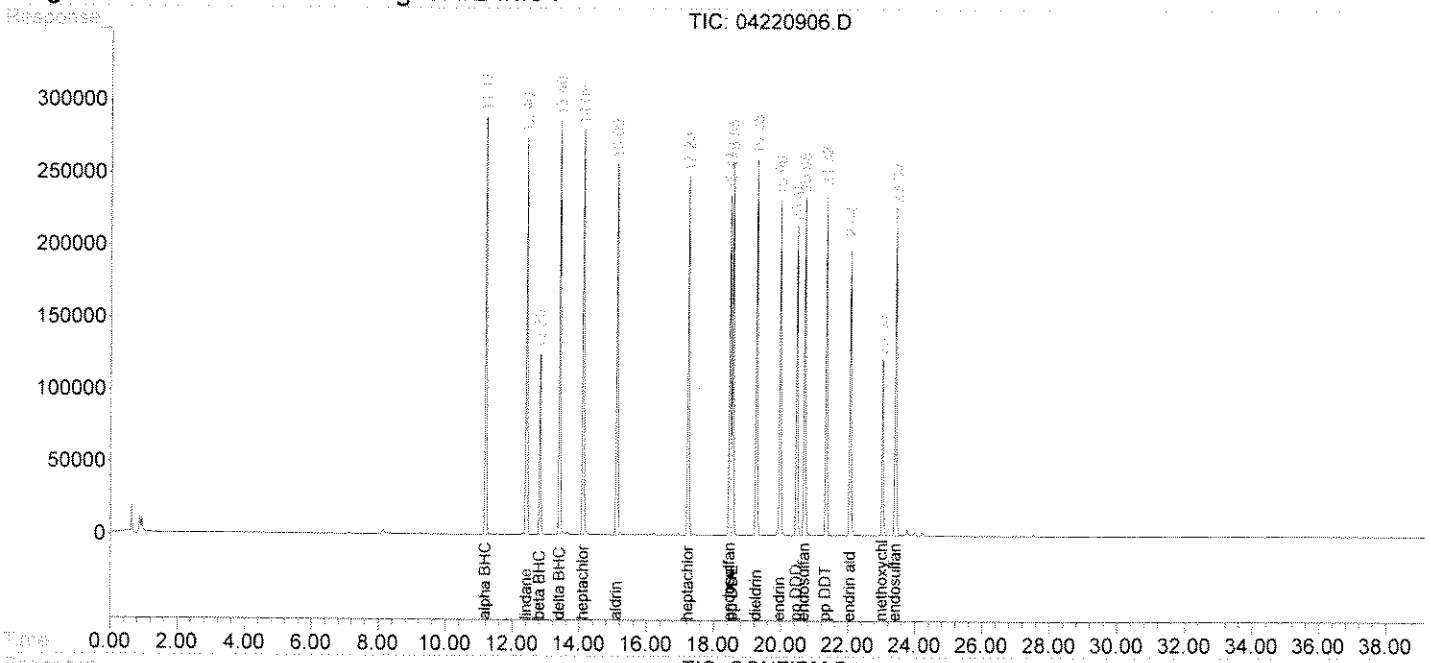
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220906.D RMPN0417.M Thu May 21 16:12:38 2009 SVGC3

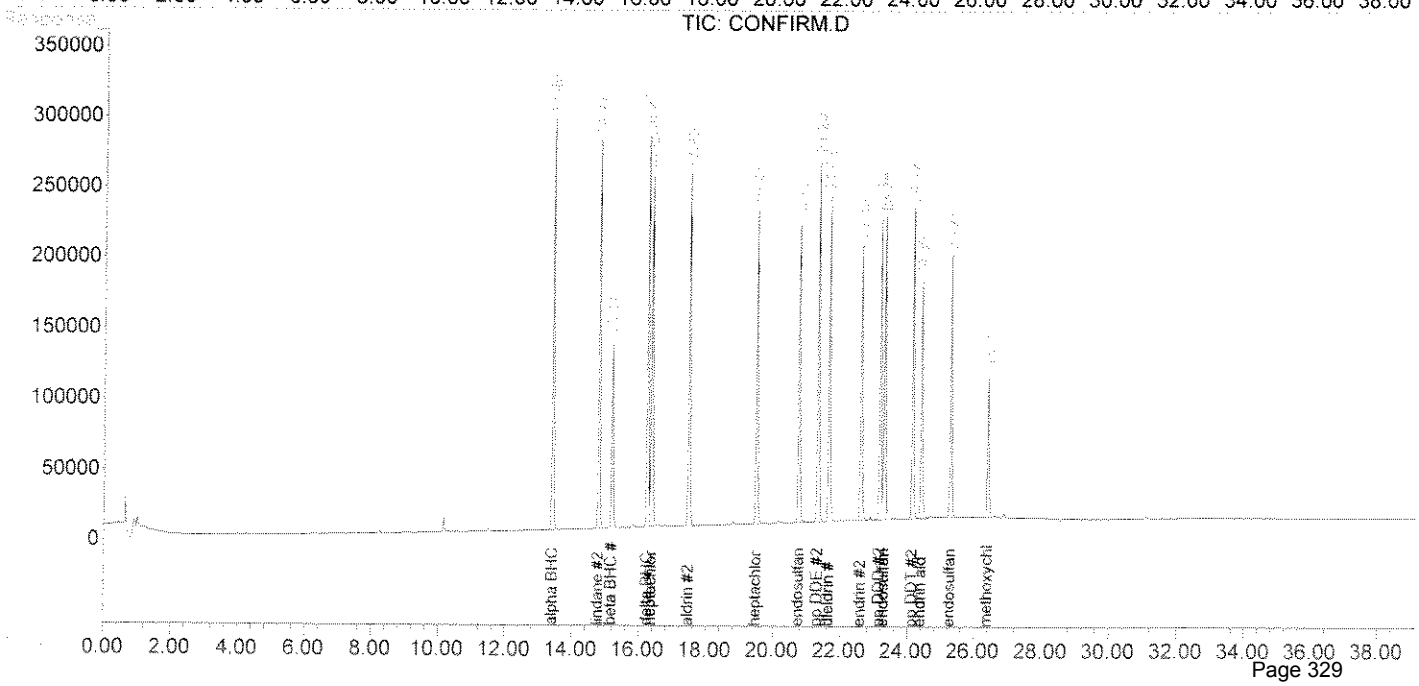
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220906.D\data.ms Vial: 6
Signal #2 : C:\SVGC2FILES\042209\04220906.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 06:44 PM Operator: GW
Sample : rmp 1.6 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:21 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220907.D\data.ms Vial: 7
Signal #2 : C:\SVGC2FILES\042209\04220907.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 07:27 PM Operator: GW
Sample : rmp 2.0 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:22 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
System Monitoring Compounds						
1) S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17) S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
Target Compounds						
2) alpha BHC	11.19	13.40	1116991	1250824	1.964	1.935
3) lindane	12.40	14.77	1040182	1185345	1.961	1.943
4) heptachlor	14.09	16.35	1083486	1111006	1.973	1.903
5) aldrin	15.09	17.45	1021182	1088762	1.980	1.918
6) beta BHC	12.81	15.17	489990	584662	1.932	1.908
7) delta BHC	13.40	16.23	1047370	1177931	1.955	1.925
8) heptachlor epoxi	17.23	19.47	978678	994554	1.987	1.934
9) endosulfan 1	18.47	20.73	932441	982214	2.059	1.917
10) pp DDE	18.55	21.29	954714	1140007	2.099	1.957
11) dieldrin	19.25	21.63	995959	1016874	2.028	1.935
12) endrin	19.96	22.59	926378	908066	2.022	1.922
13) pp DDD	20.45	23.15	819811	896709	2.047	1.949
14) endosulfan 2	20.68	23.28	904375	963091	2.028	1.985
15) pp DDT	21.32	24.13	912145	992750	2.052	1.997
16) endrin aldehyde	22.04	24.39	781326	791790	1.986	1.920
18) endosulfan sulfa	23.39	25.27	906157	879834	2.008	1.961
19) methoxychlor	23.01	26.37	495039	451342	1.977	1.971
20) endrin ketone	0.00	0.00	0	0	N.D. d	N.D.
21) alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22) gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

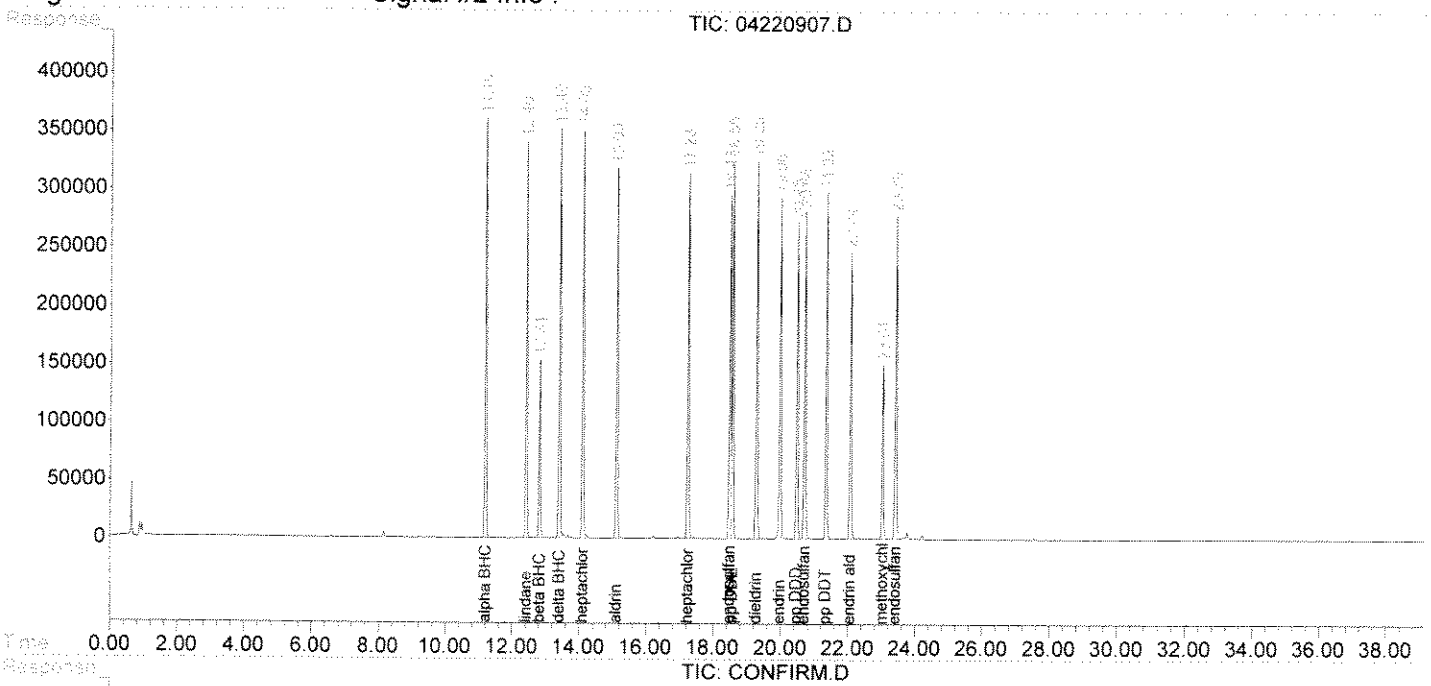
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220907.D RMPN0417.M Thu May 21 16:12:43 2009 SVGC3

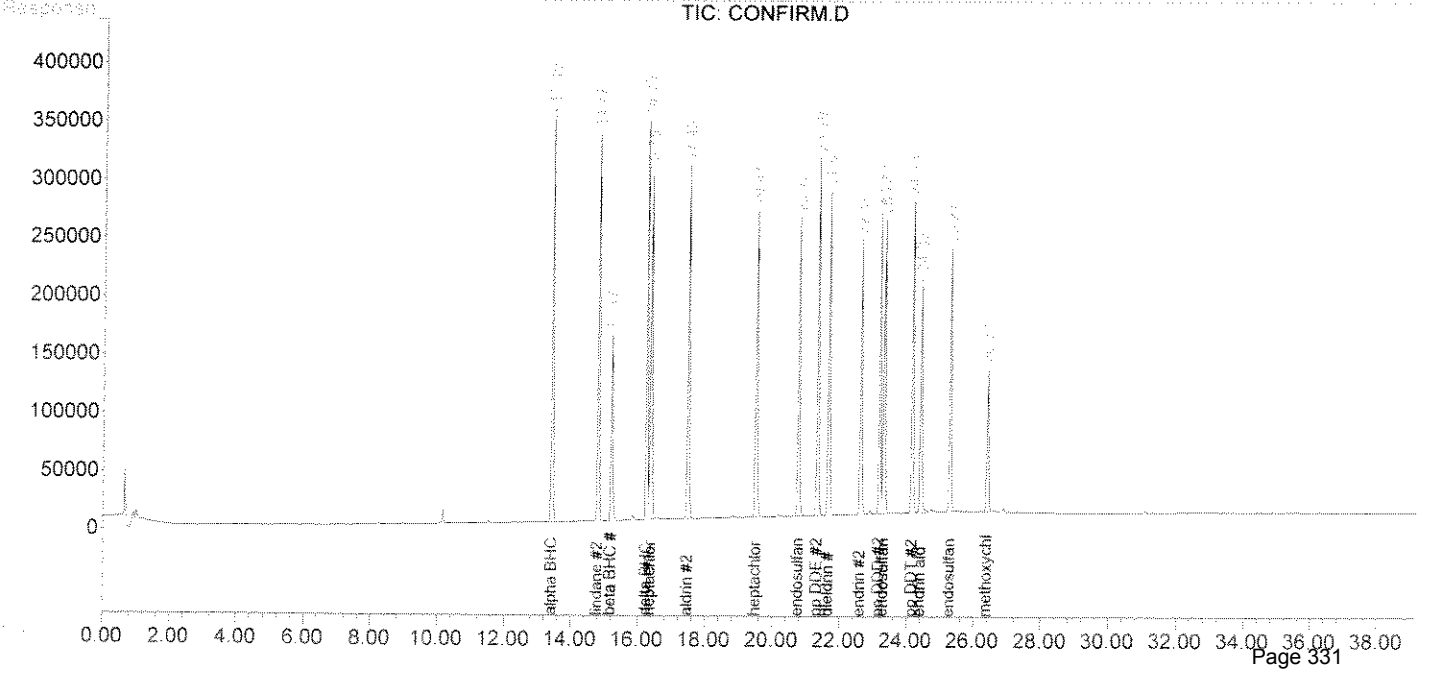
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220907.D\data.ms Vial: 7
Signal #2 : C:\SVGC2FILES\042209\04220907.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 07:27 PM Operator: GW
Sample : rmp 2.0 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:22 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220908.D\data.ms Vial: 8
Signal #2 : C:\SVGC2FILES\042209\04220908.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 08:11 PM Operator: GW
Sample : surrogate std Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:22 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
System Monitoring Compounds						
1) S1 tetrachloro-m-xy	8.93	10.80	666653	801589	98.163	97.156
17) S2 dibutyl chlorend	24.35	26.73	749362	712368	103.561	96.483
Target Compounds						
2) alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3) lindane	0.00	0.00	0	0	N.D.	N.D.
4) heptachlor	0.00	0.00	0	0	N.D.	N.D.
5) aldrin	0.00	0.00	0	0	N.D.	N.D.
6) beta BHC	0.00	0.00	0	0	N.D.	N.D.
7) delta BHC	0.00	0.00	0	0	N.D.	N.D.
8) heptachlor epoxi	0.00	0.00	0	0	N.D.	N.D.
9) endosulfan 1	0.00	0.00	0	0	N.D.	N.D.
10) pp DDE	0.00	0.00	0	0	N.D.	N.D.
11) dieldrin	0.00	0.00	0	0	N.D.	N.D.
12) endrin	0.00	0.00	0	0	N.D.	N.D.
13) pp DDD	0.00	0.00	0	0	N.D.	N.D.
14) endosulfan 2	0.00	0.00	0	0	N.D.	N.D.
15) pp DDT	0.00	0.00	0	0	N.D.	N.D.
16) endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.
18) endosulfan sulfa	0.00	0.00	0	0	N.D. d	N.D.
19) methoxychlor	0.00	0.00	0	0	N.D.	N.D. d
20) endrin ketone	0.00	0.00	0	0	N.D.	N.D.
21) alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22) gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

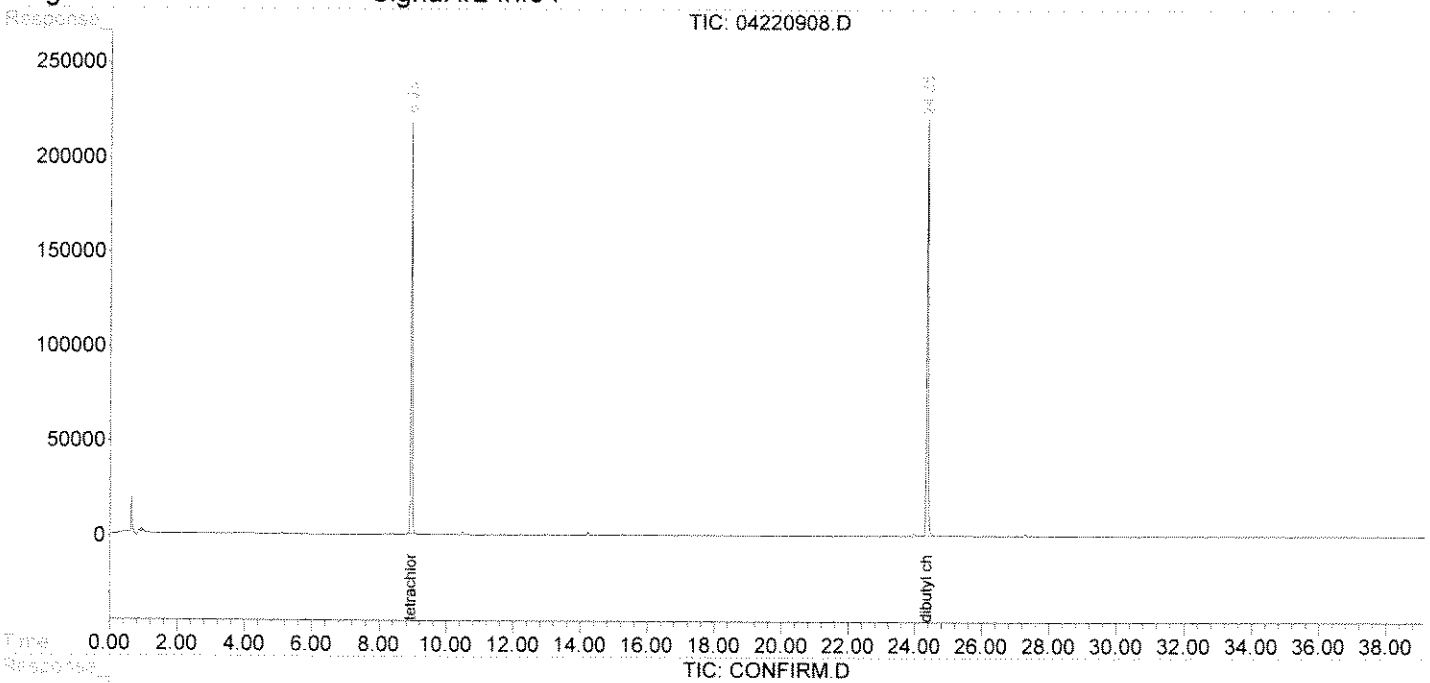
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

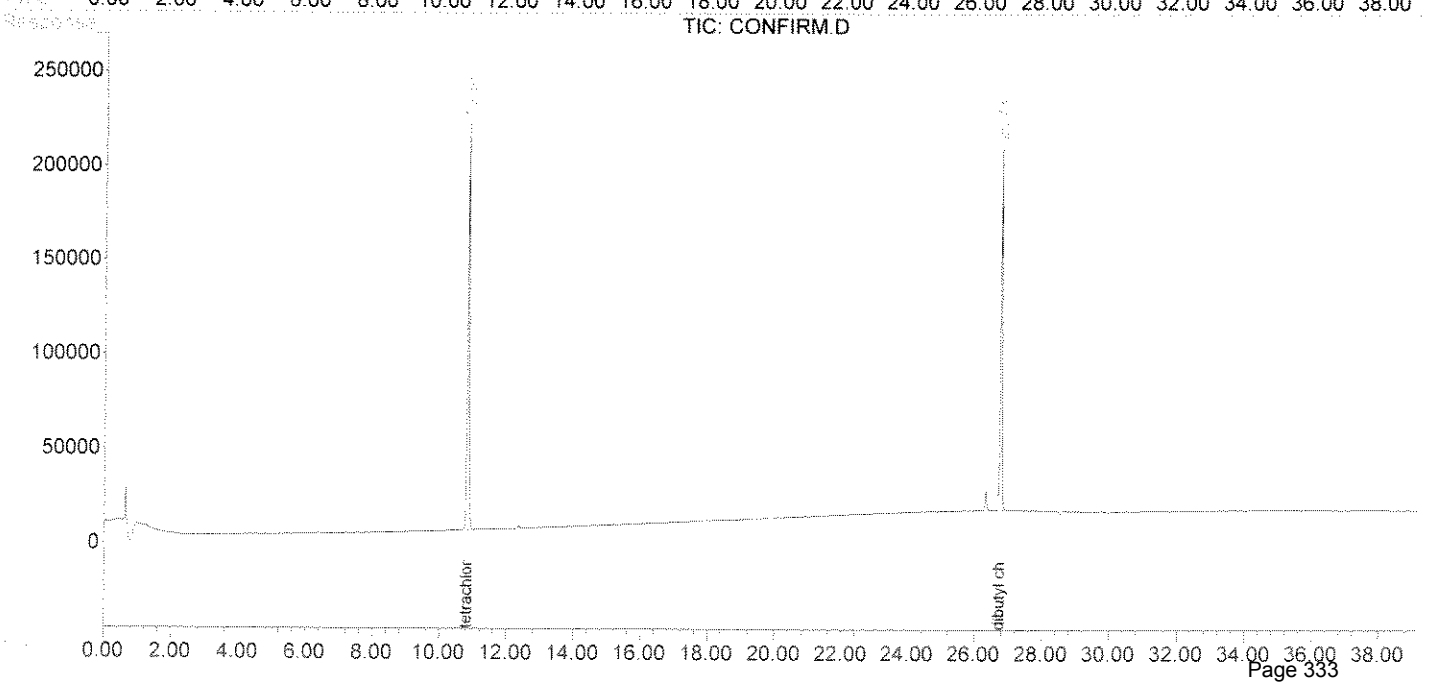
Quantitation Report

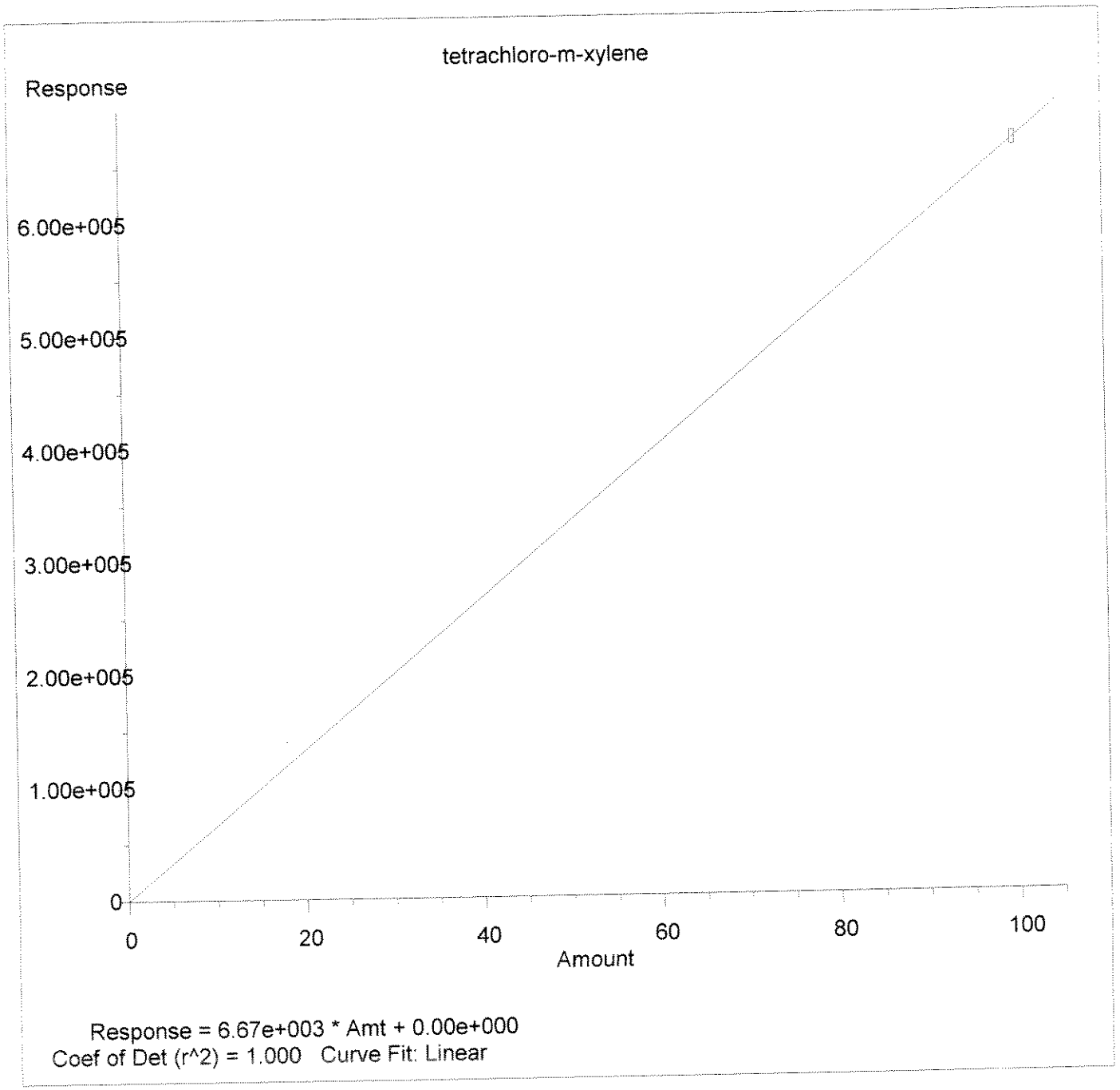
Signal #1 : C:\SVGC2FILES\042209\04220908.D\data.ms Vial: 8
Signal #2 : C:\SVGC2FILES\042209\04220908.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 08:11 PM Operator: GW
Sample : surrogate std Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:22 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

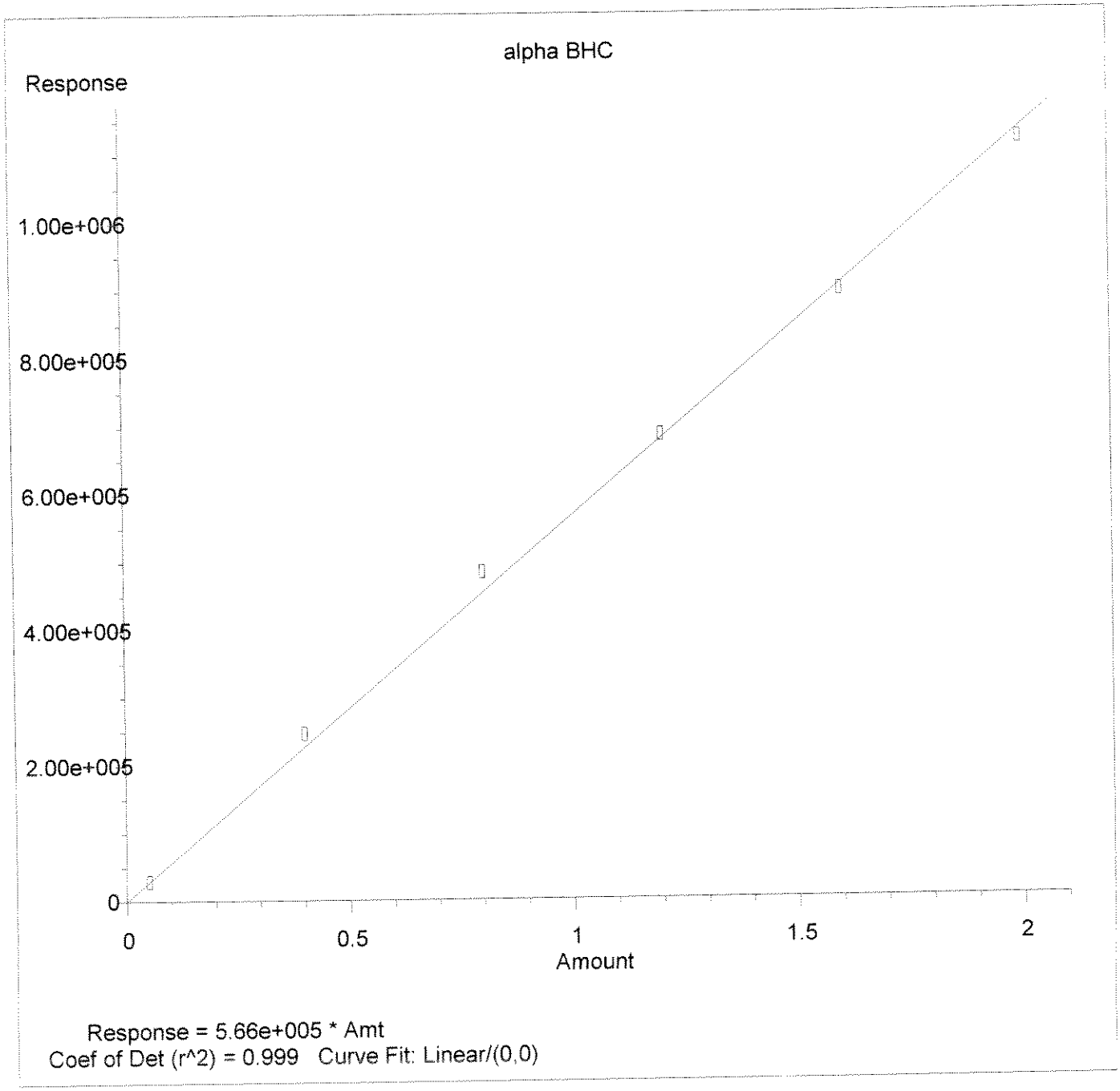
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



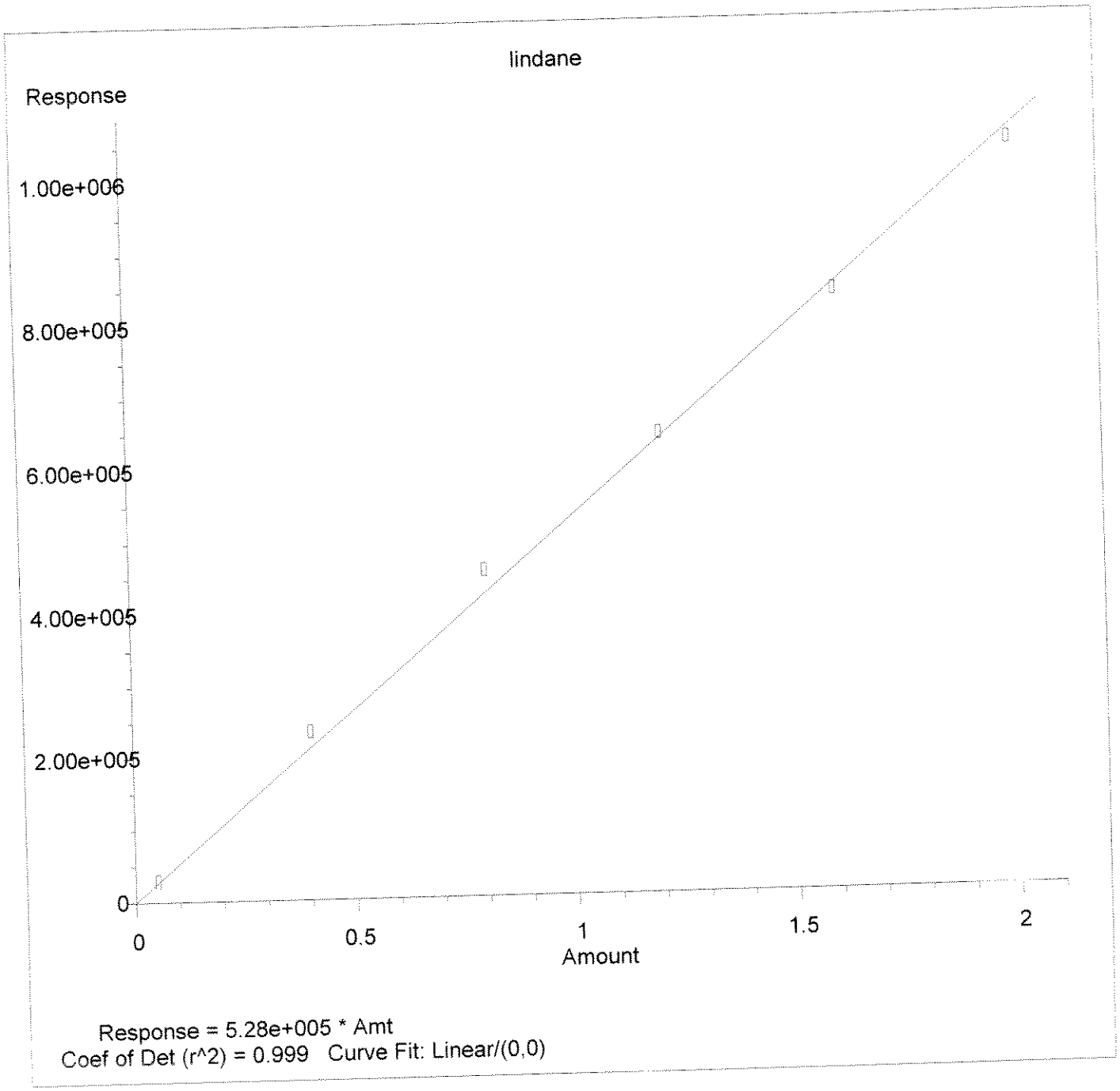




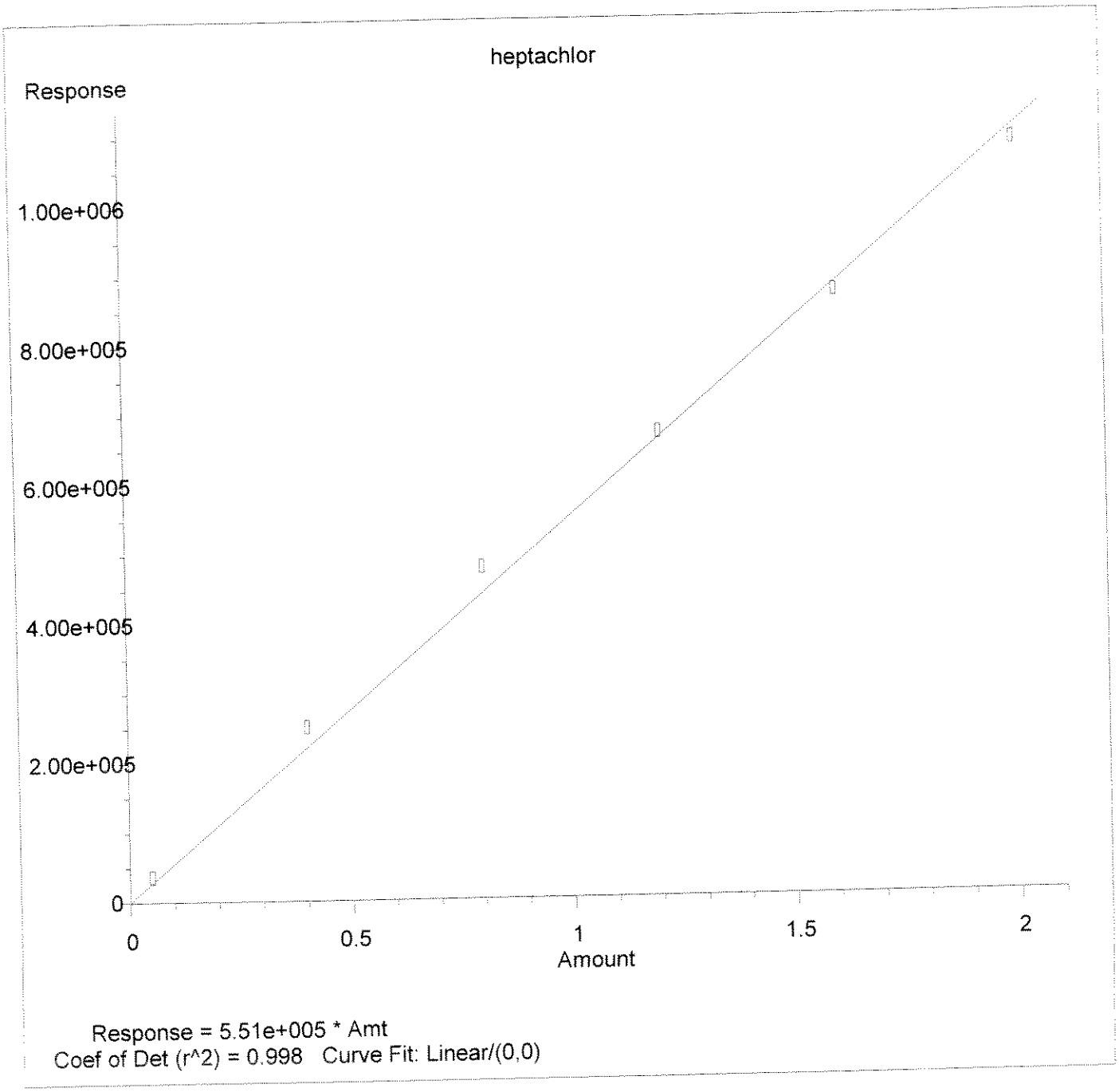
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



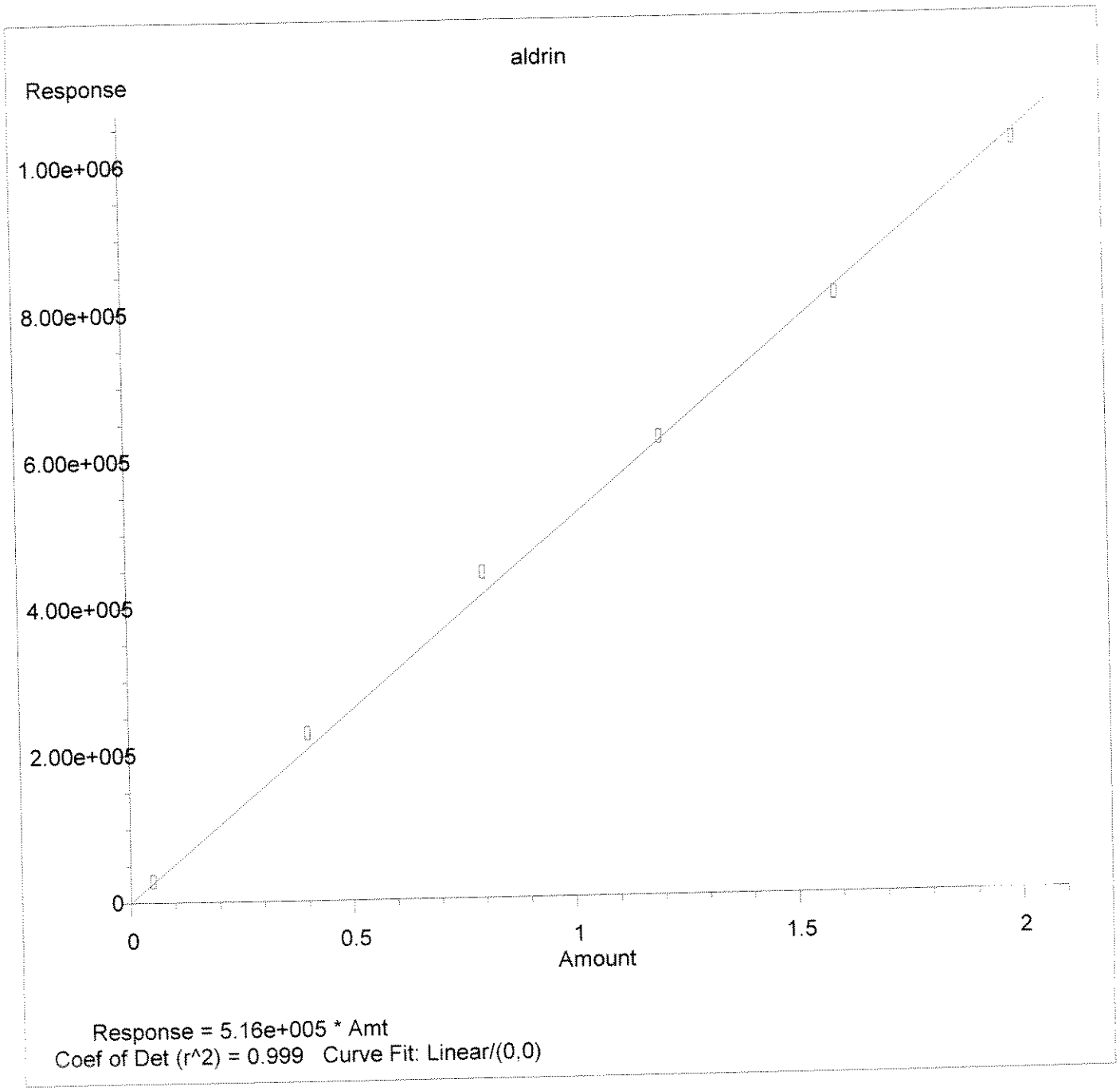
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



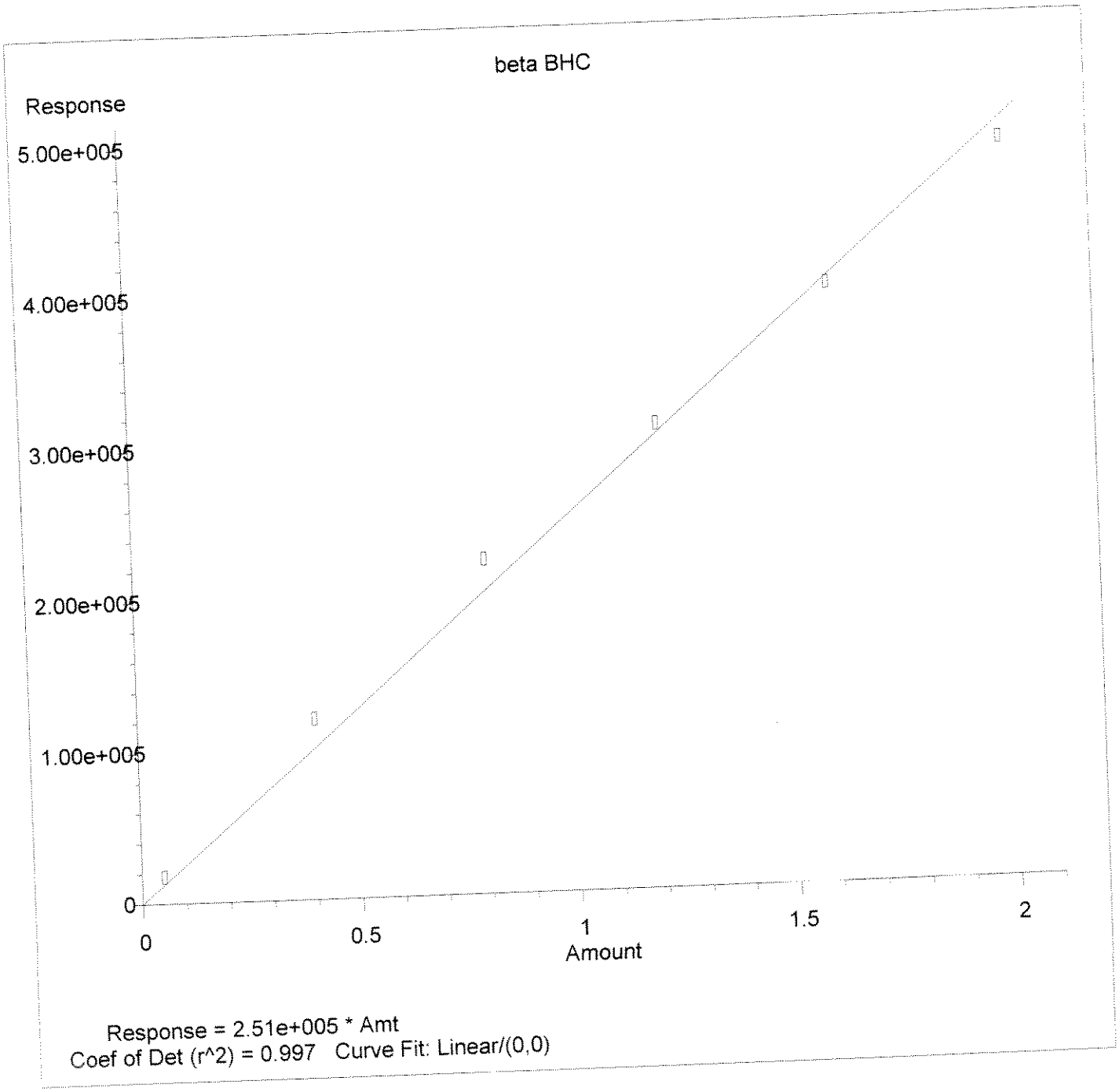
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



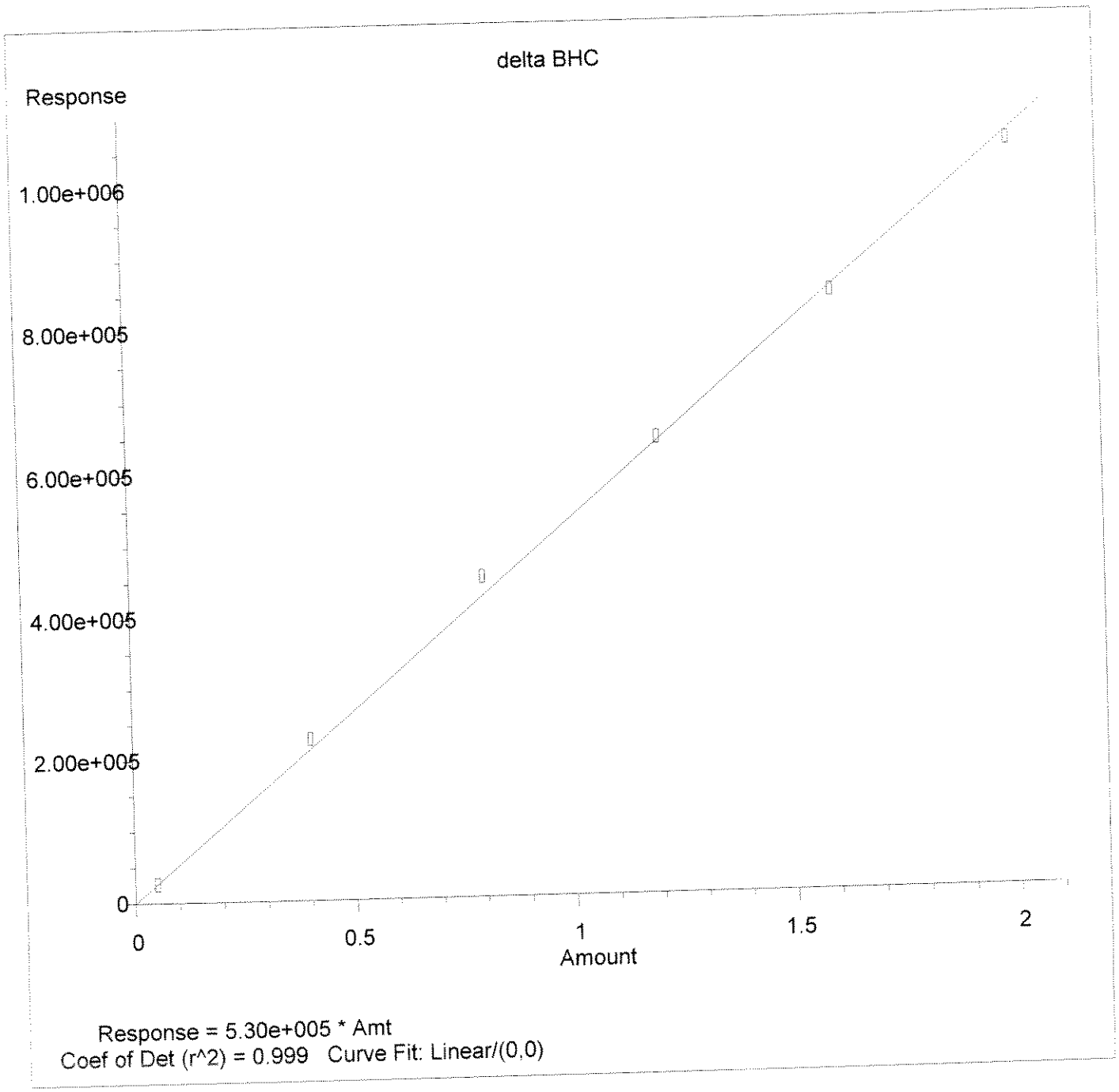
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



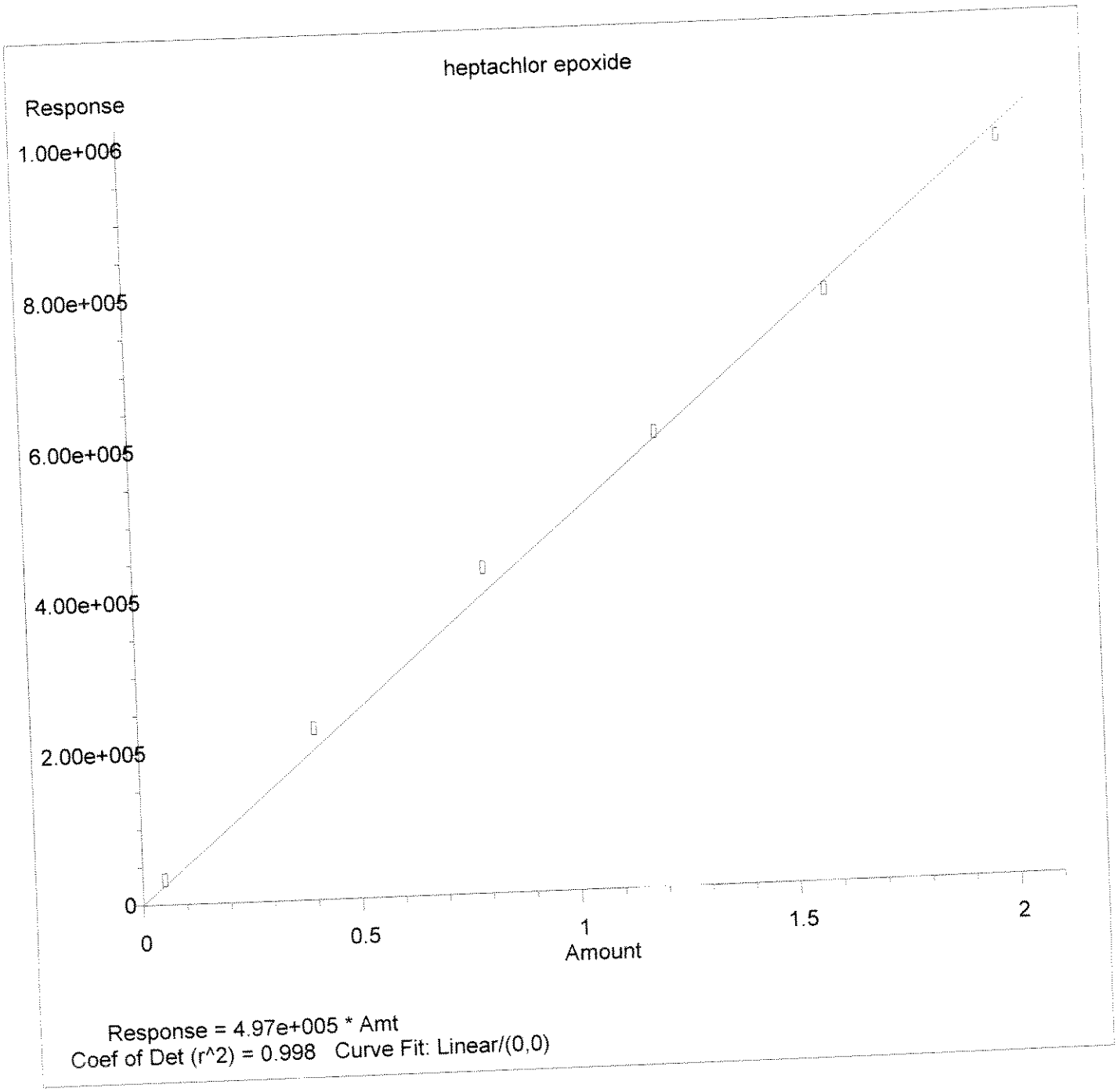
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



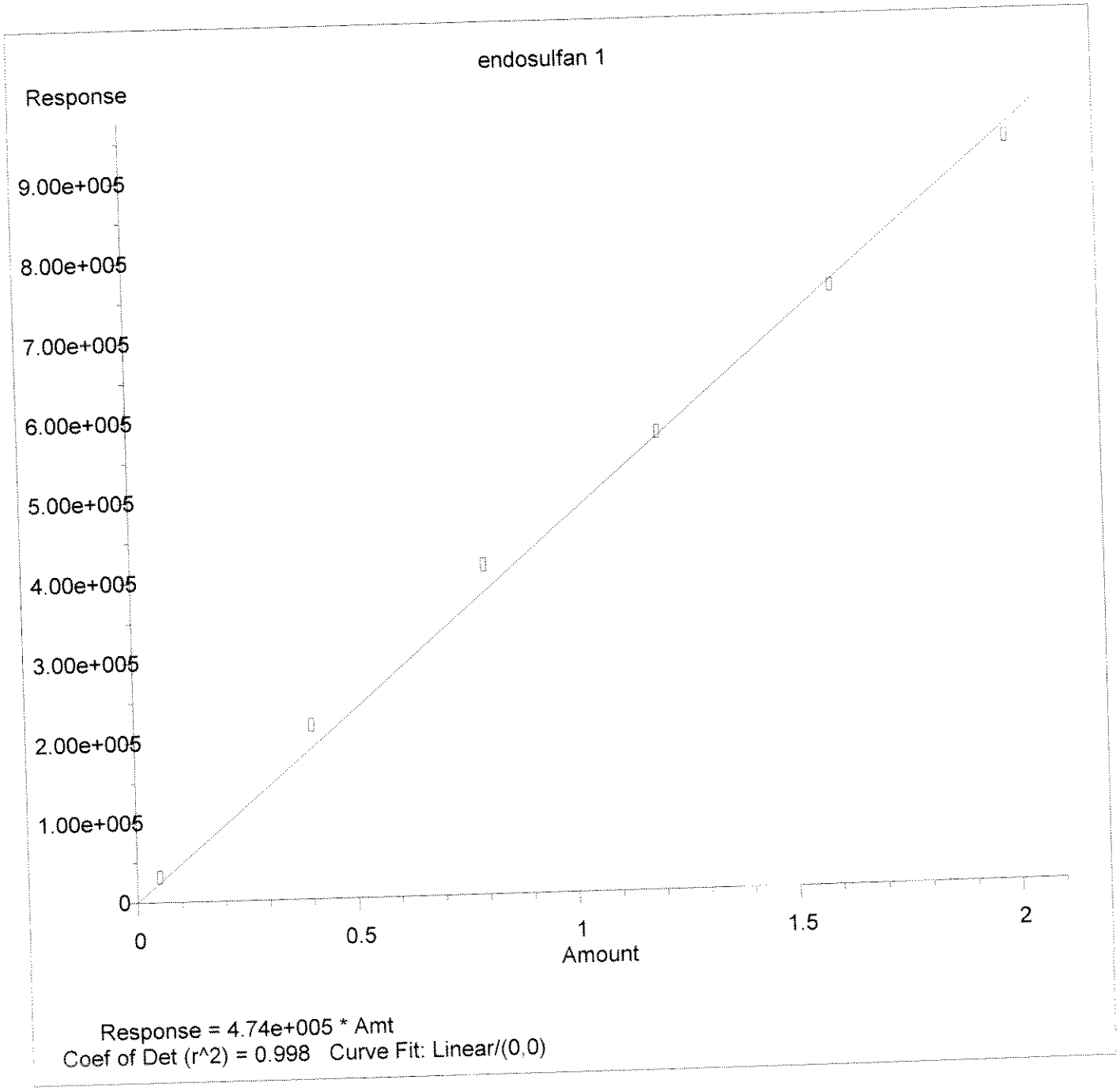
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



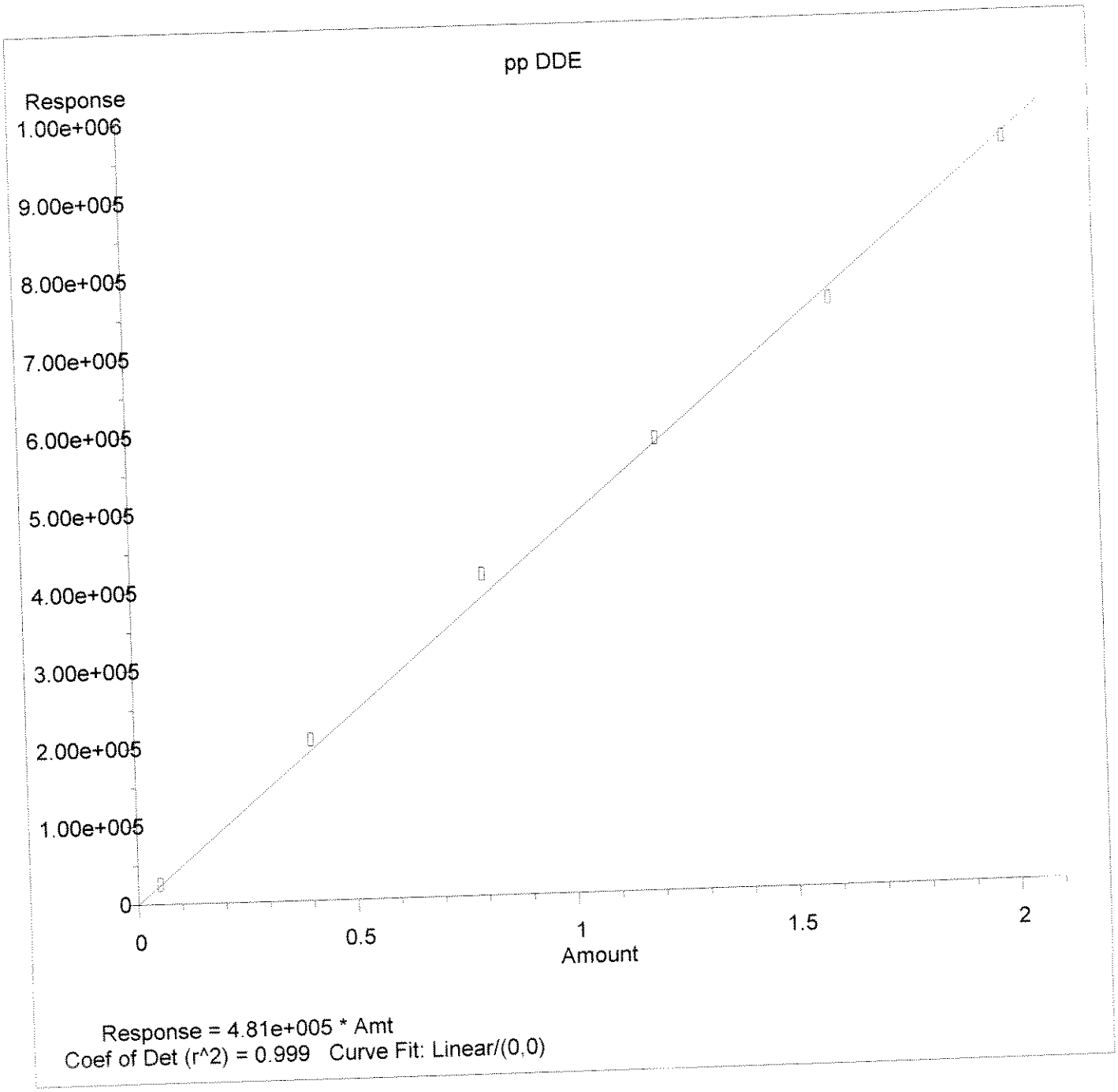
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



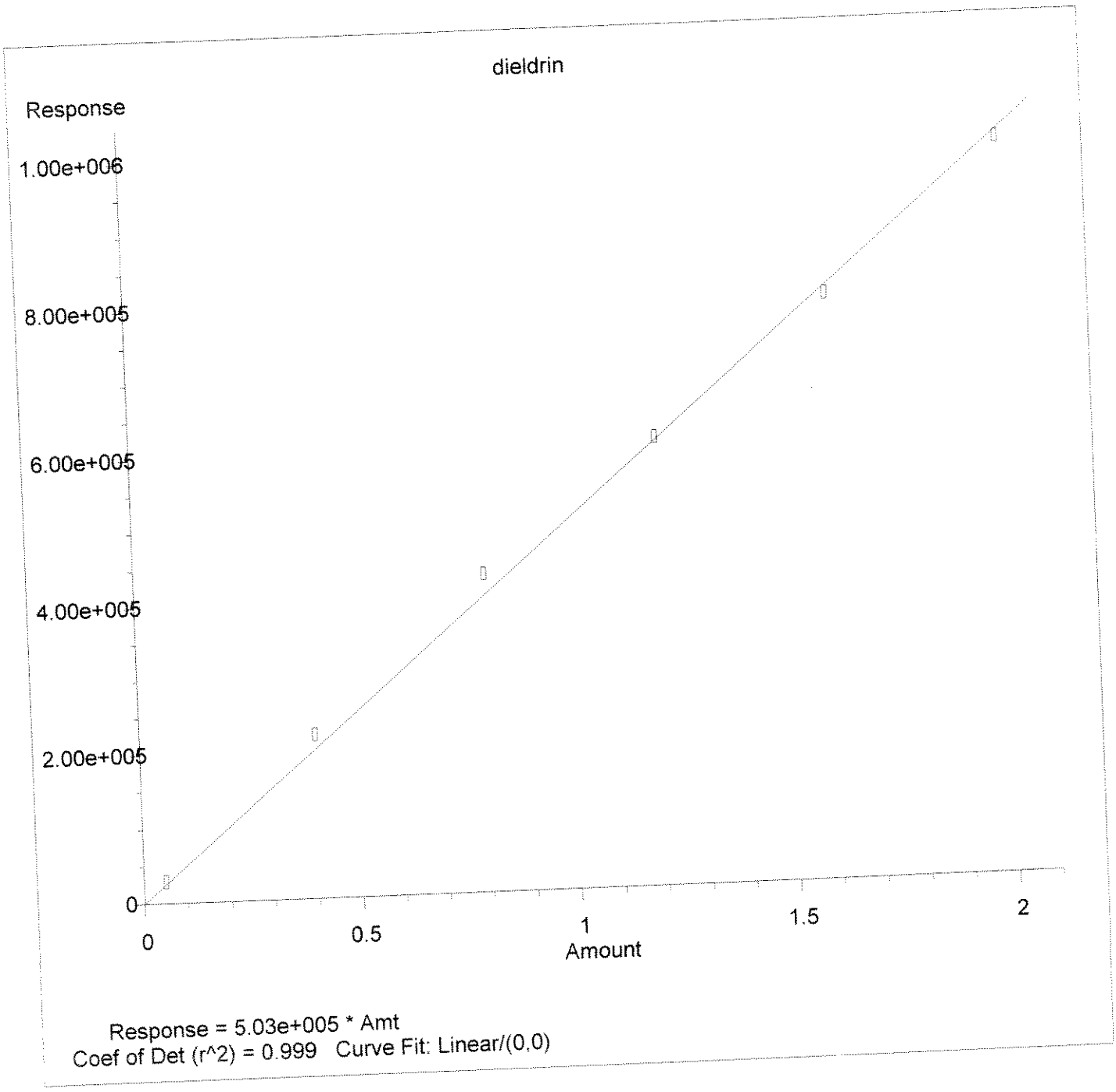
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



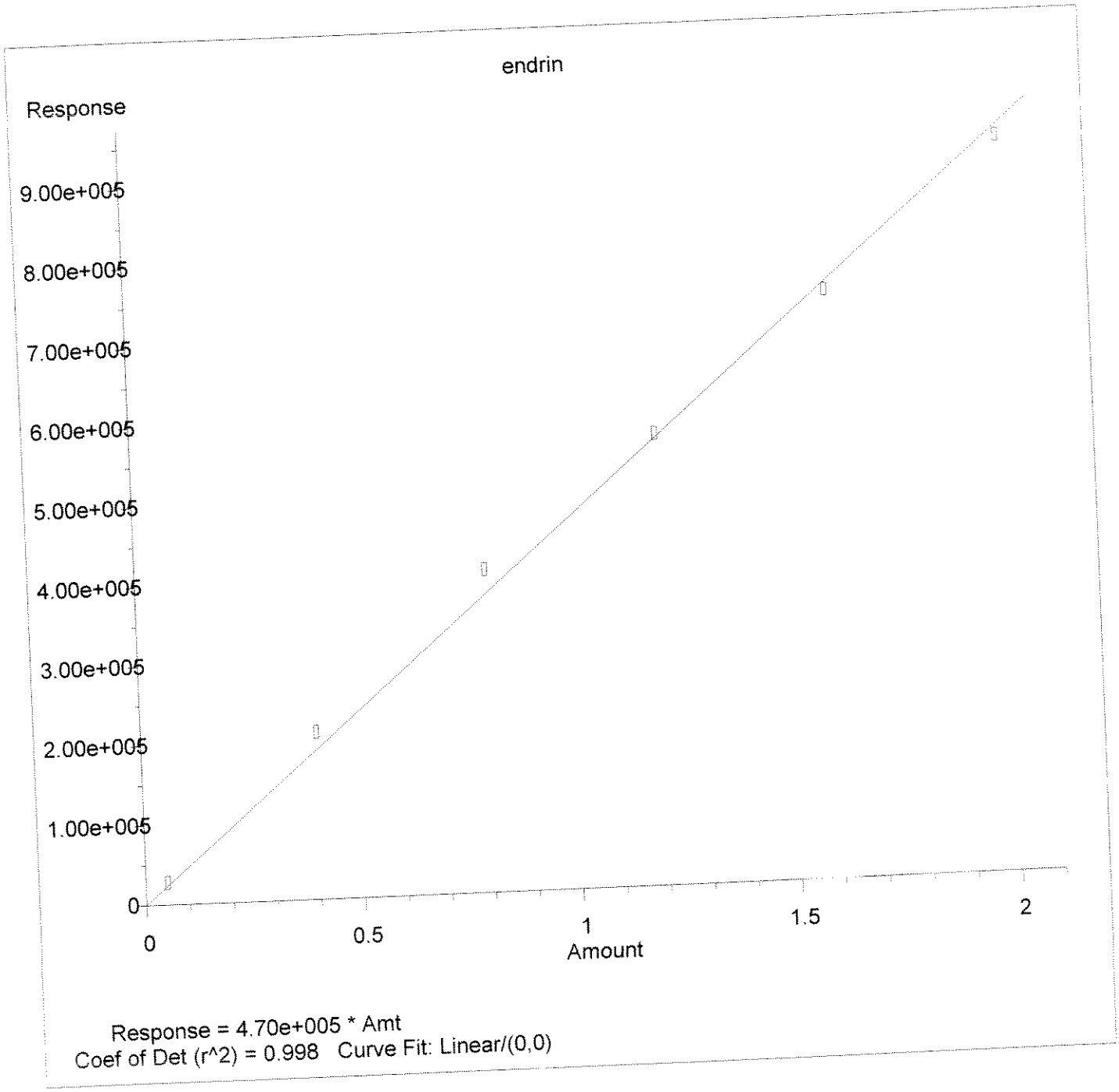
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



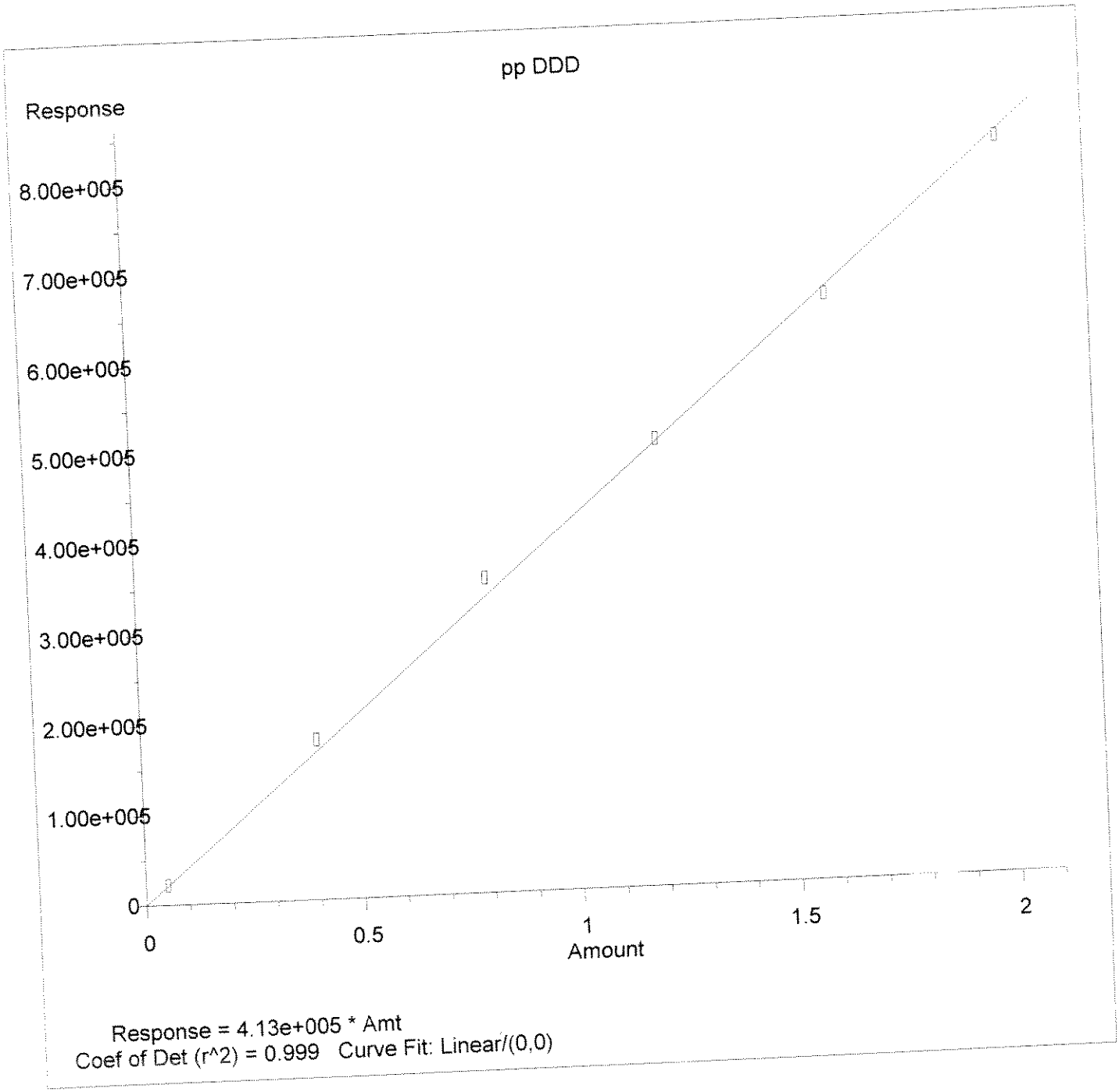
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



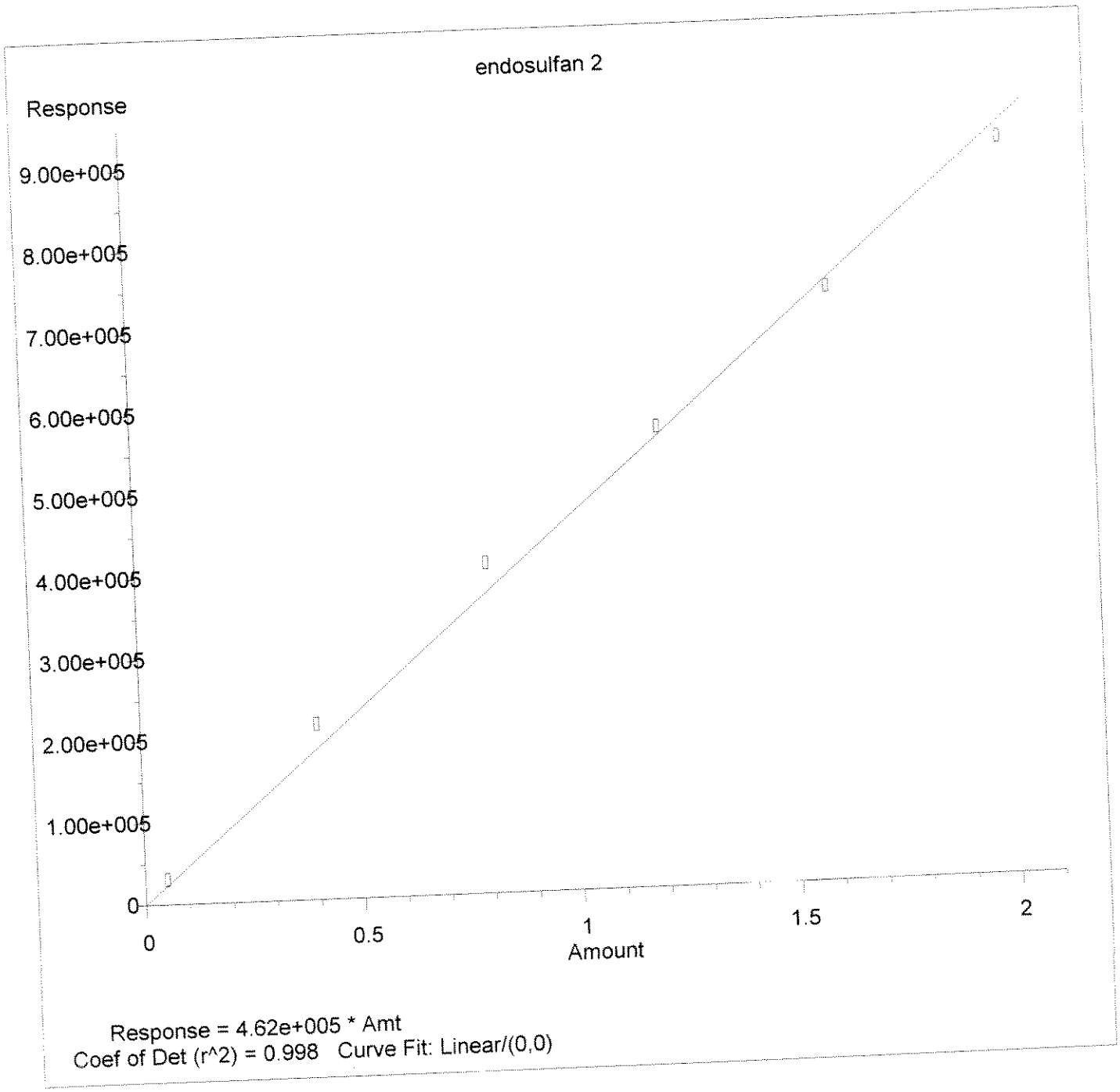
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



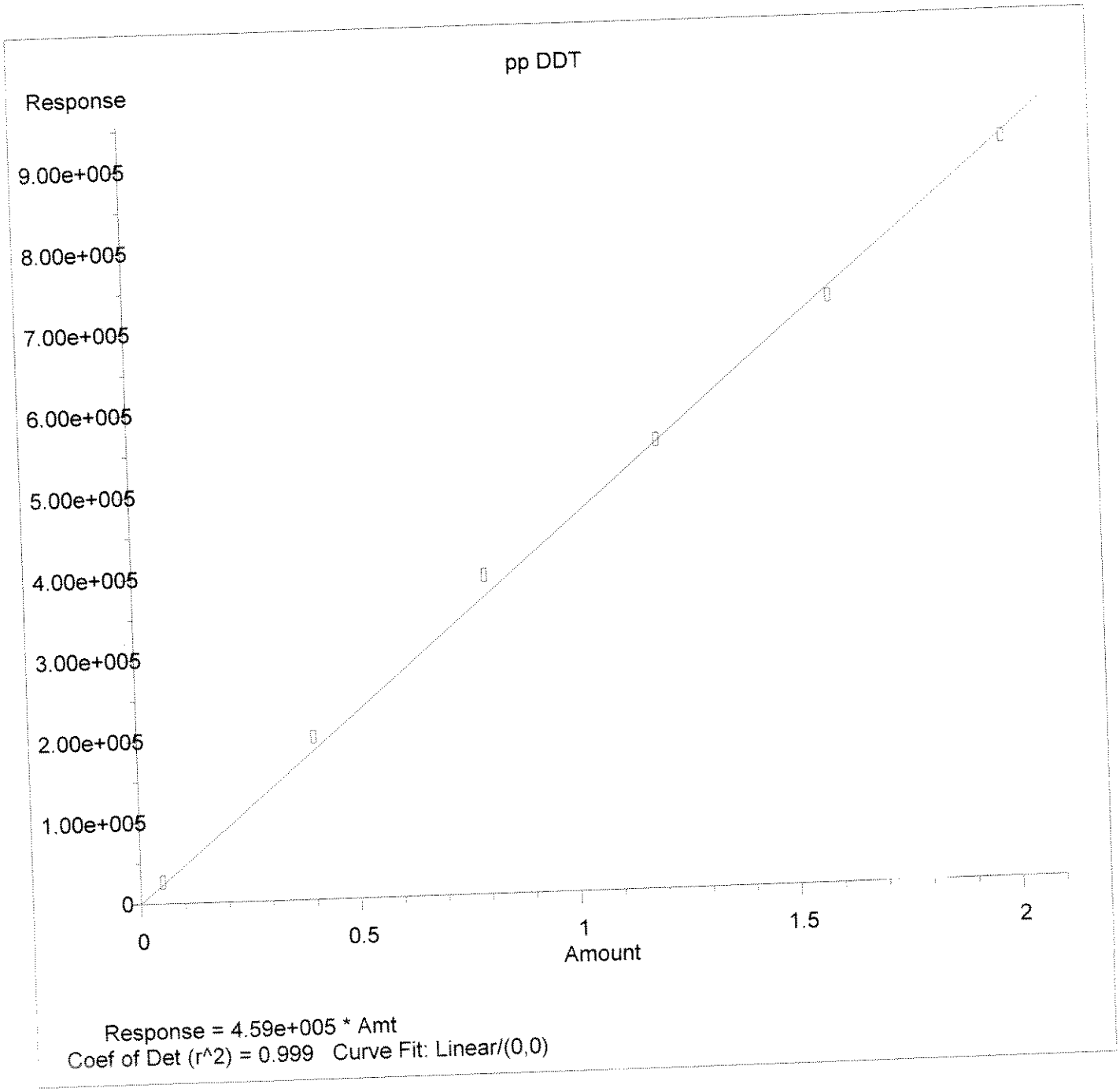
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



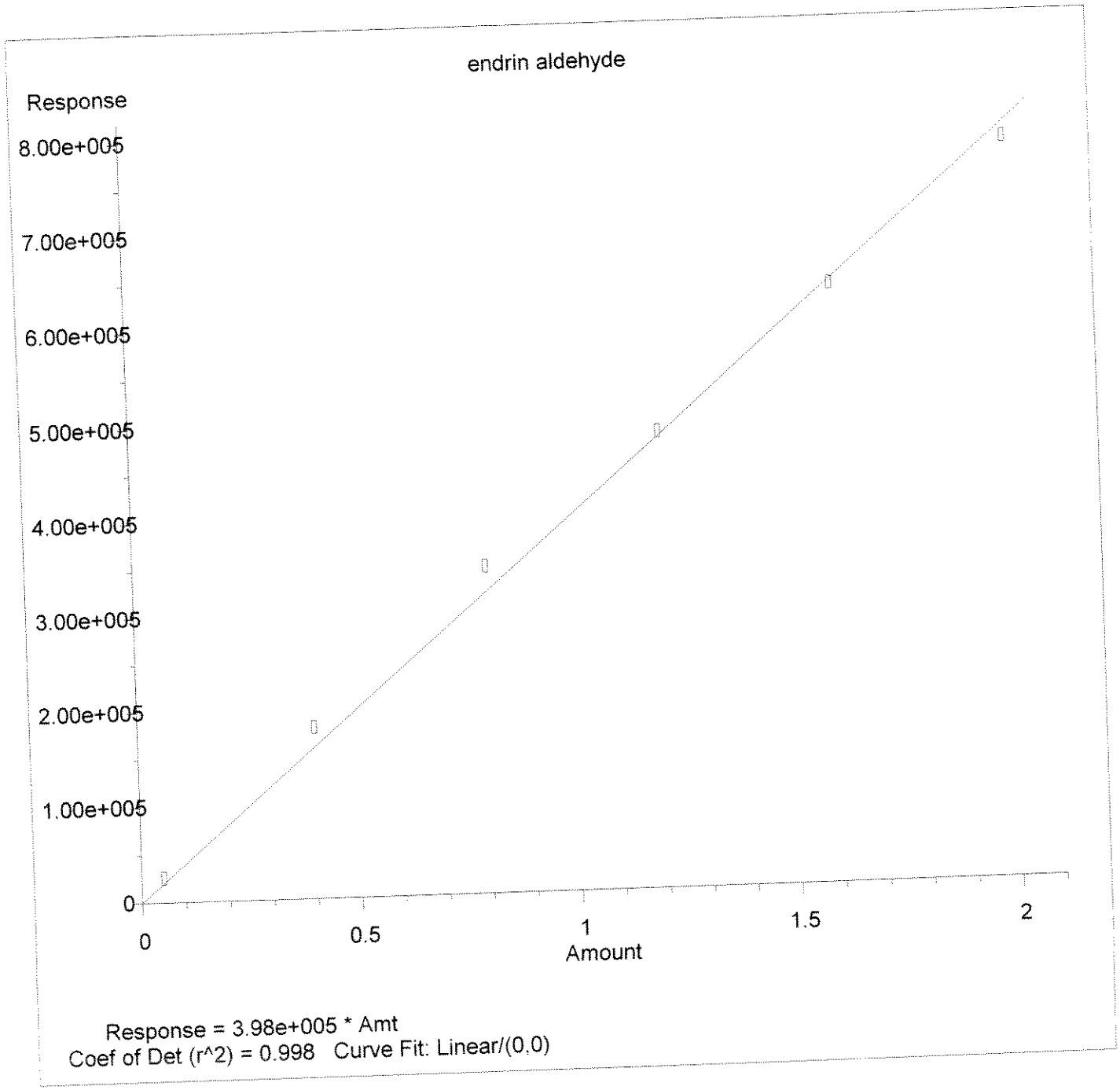
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



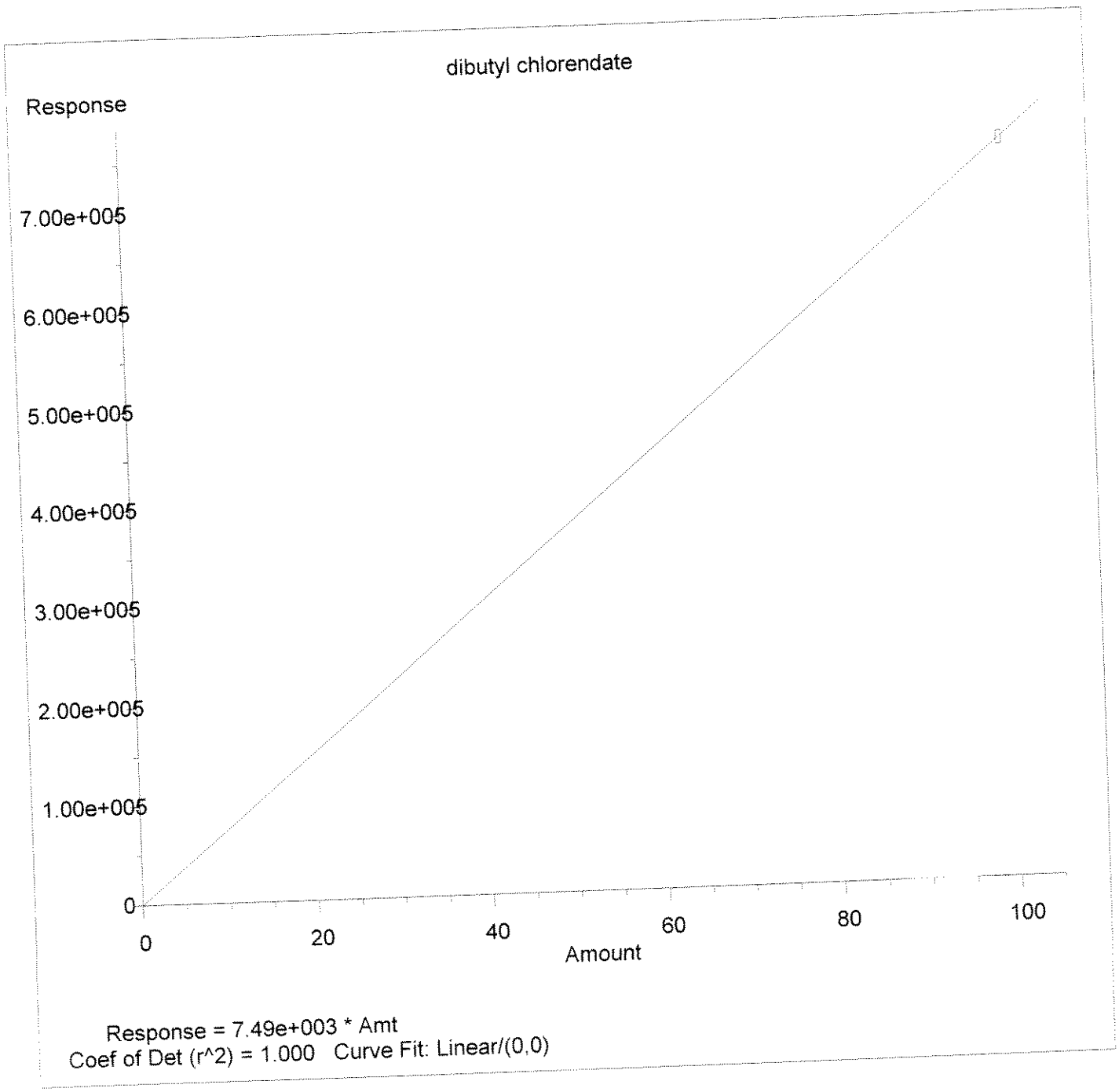
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



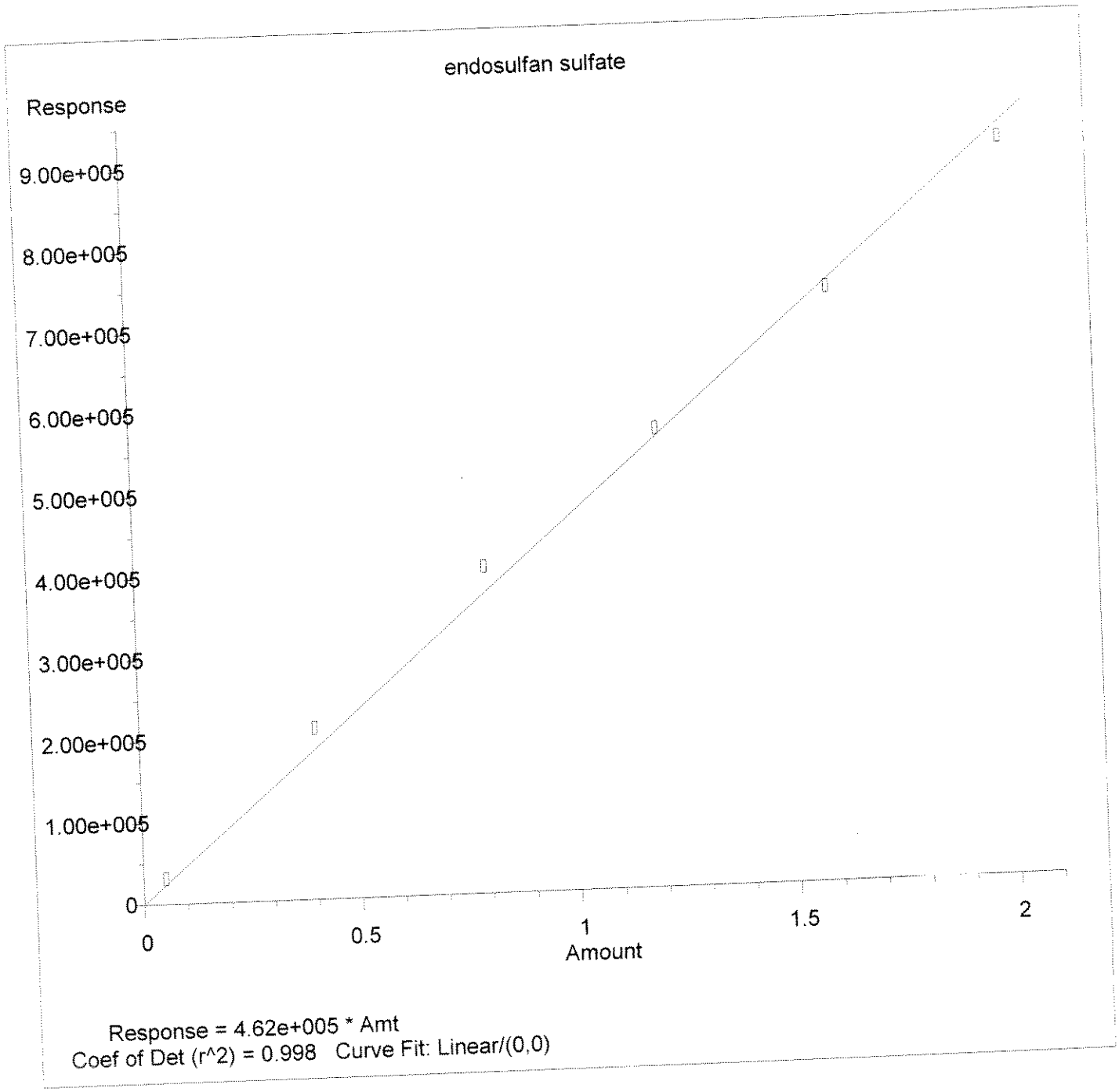
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



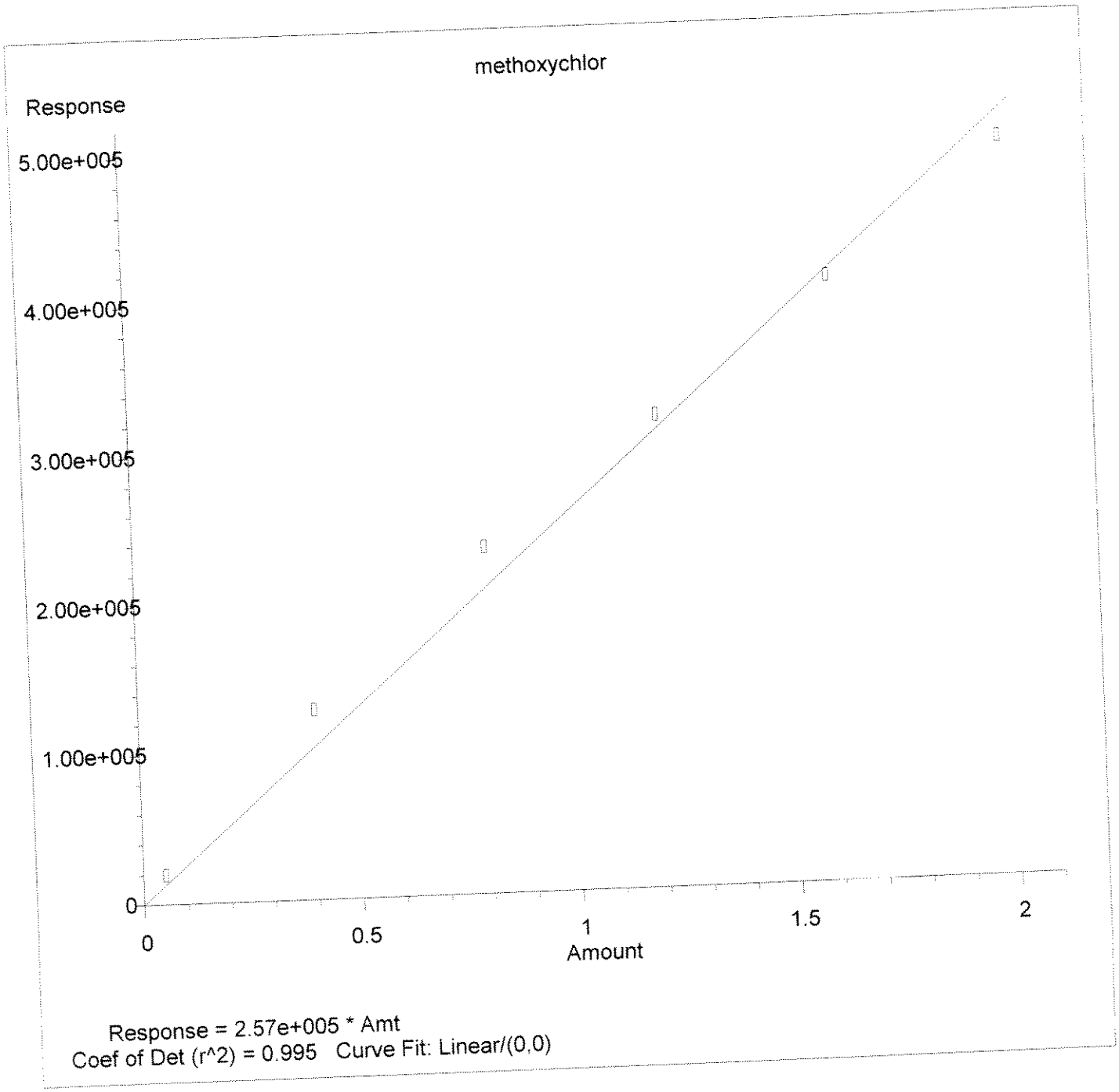
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



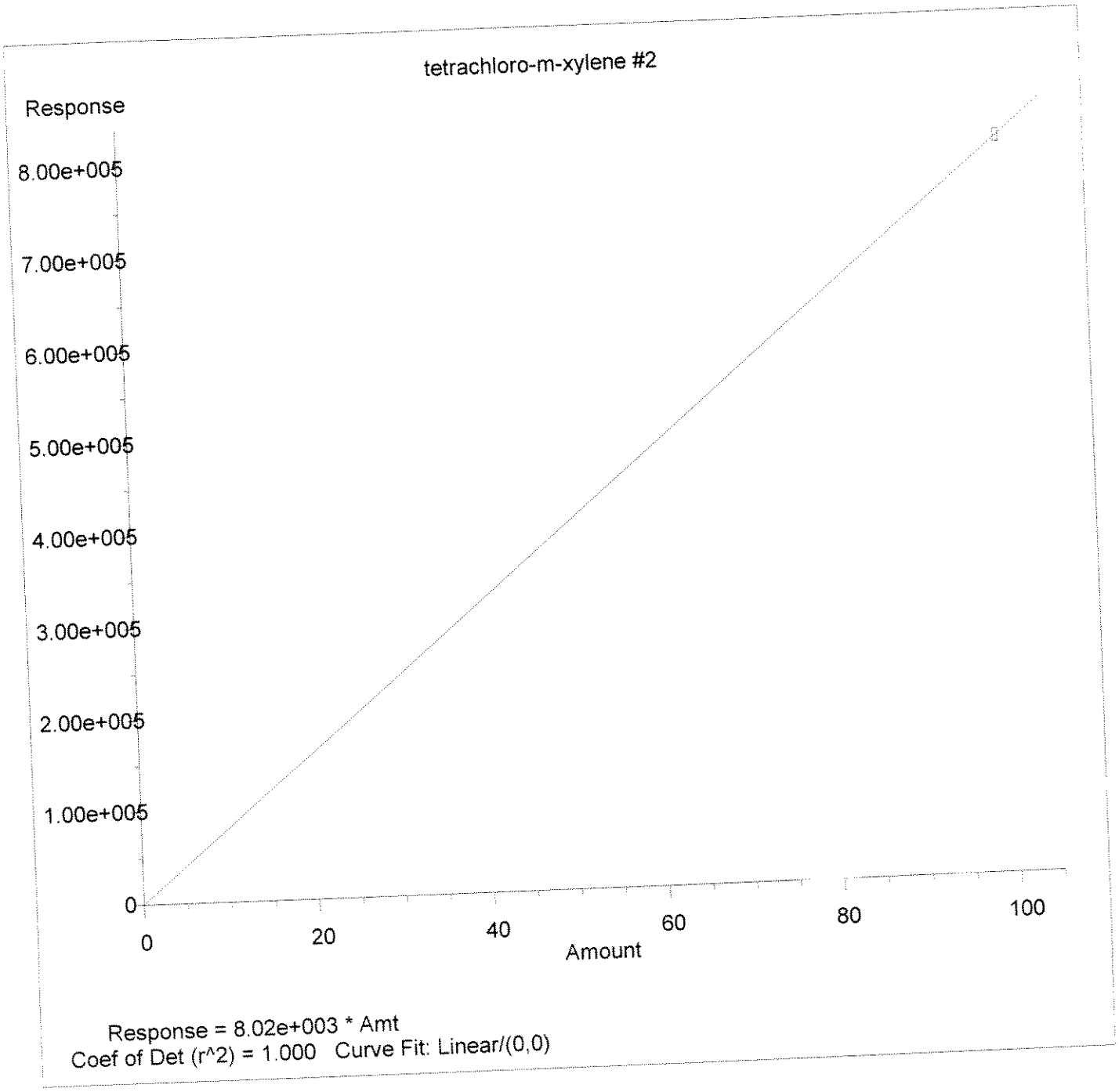
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



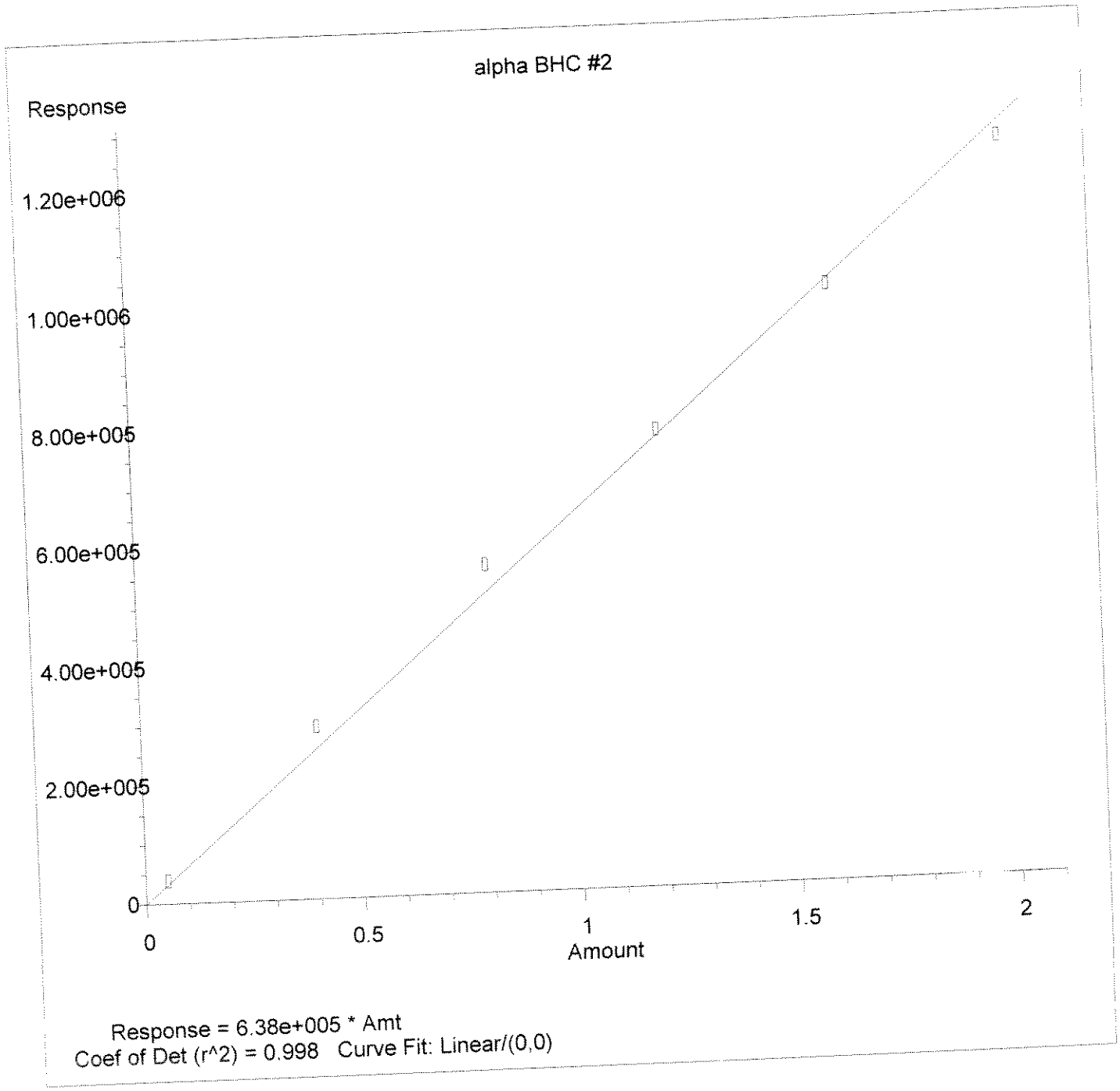
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



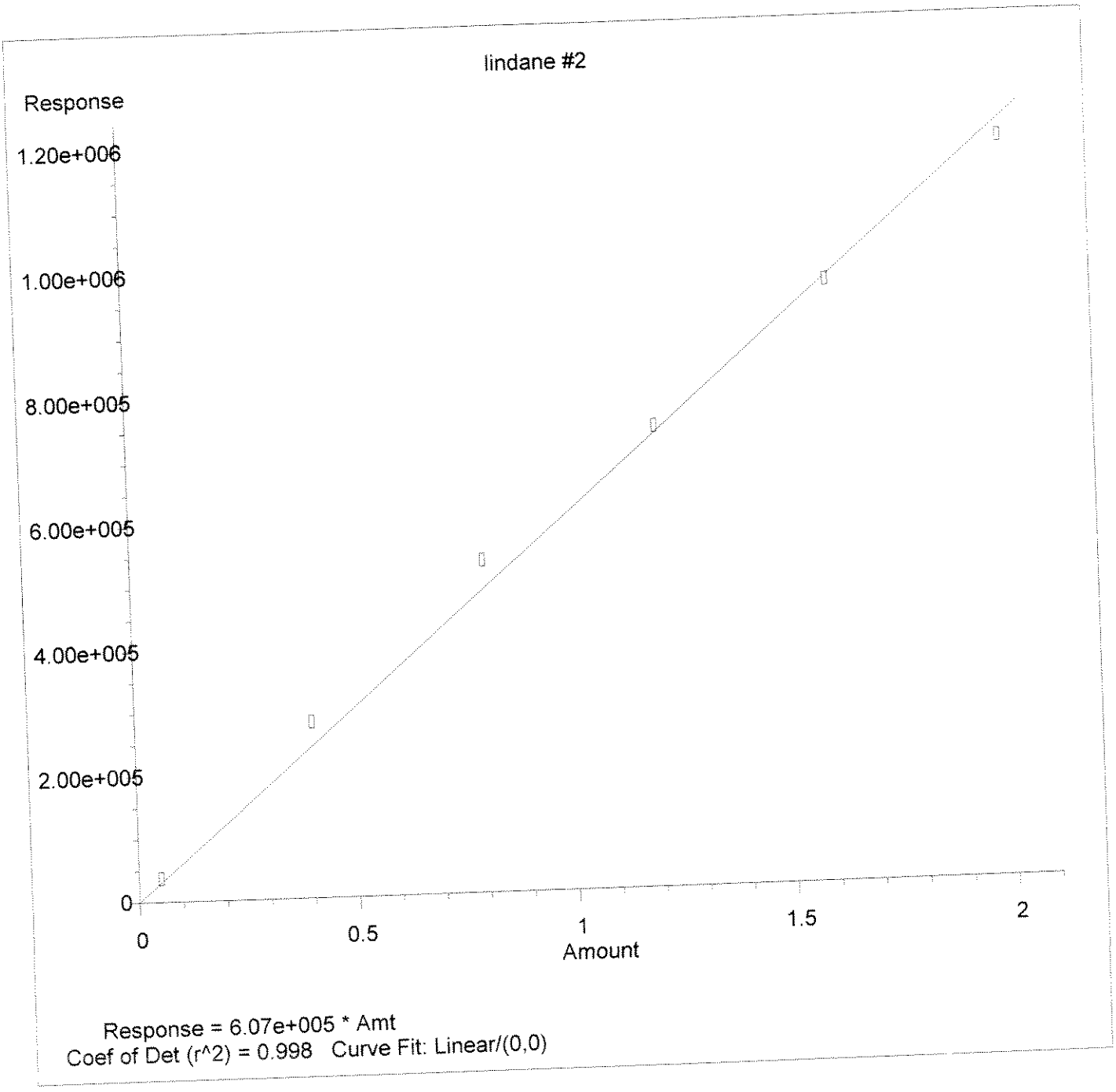
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



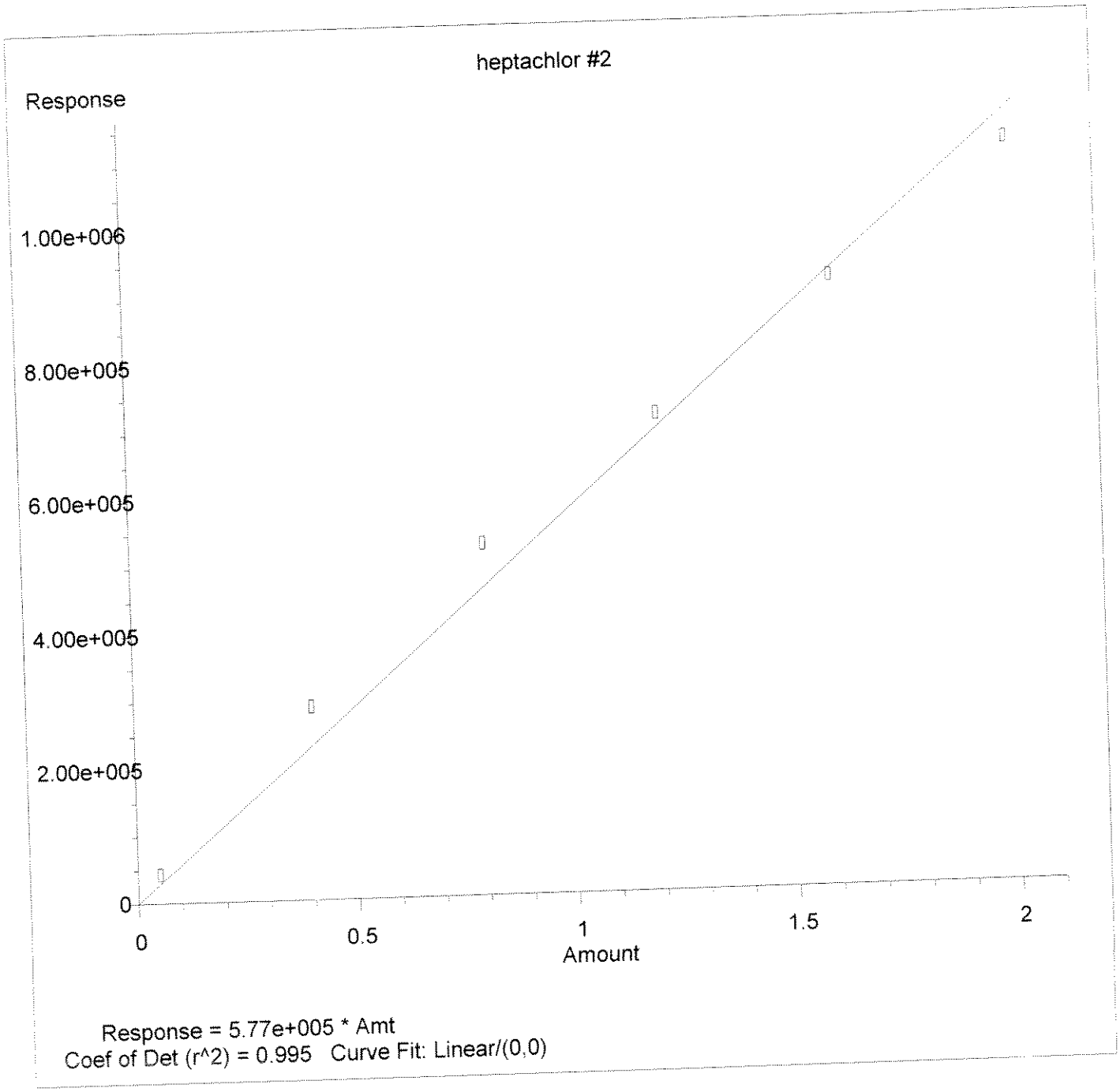
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



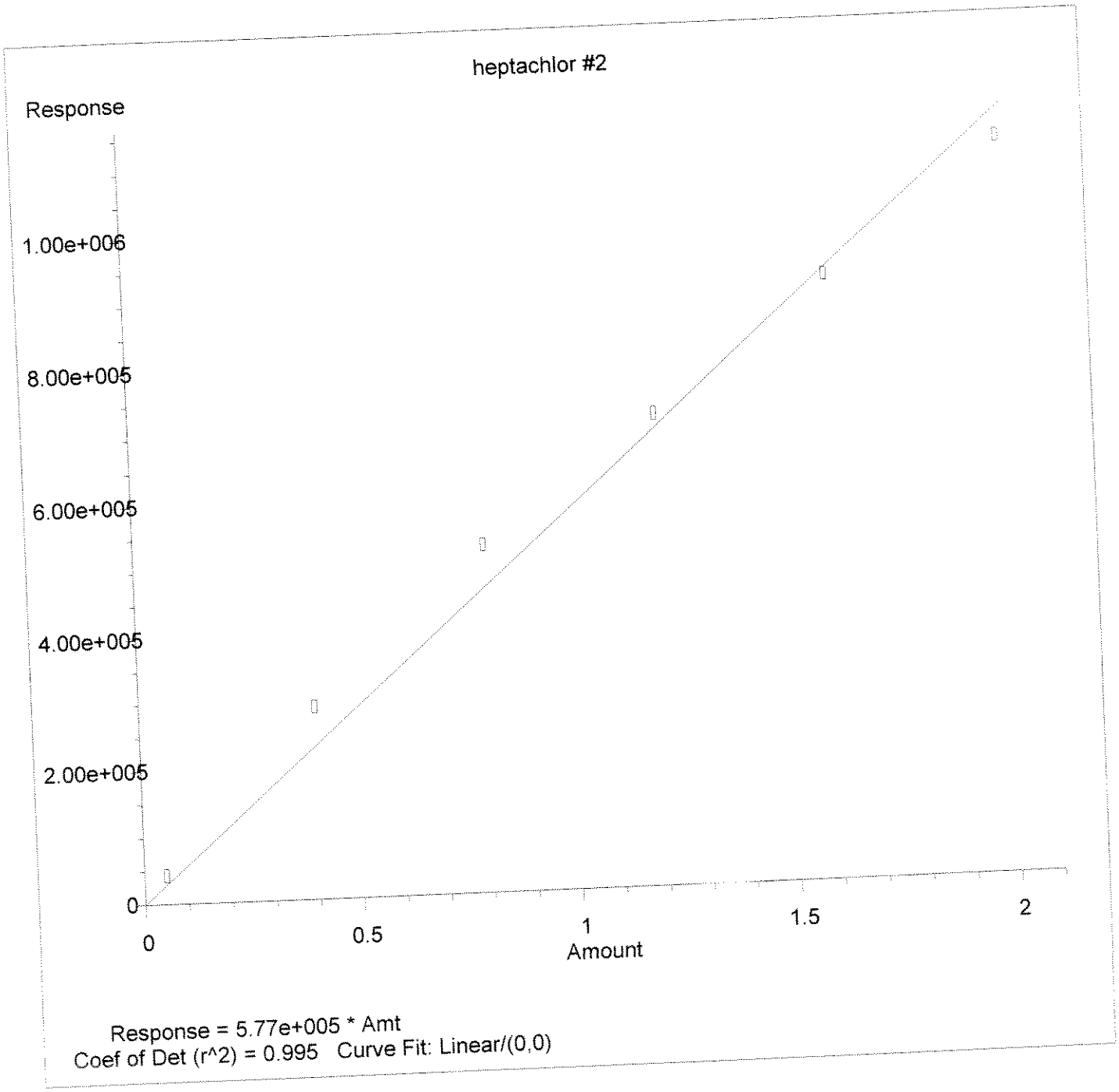
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



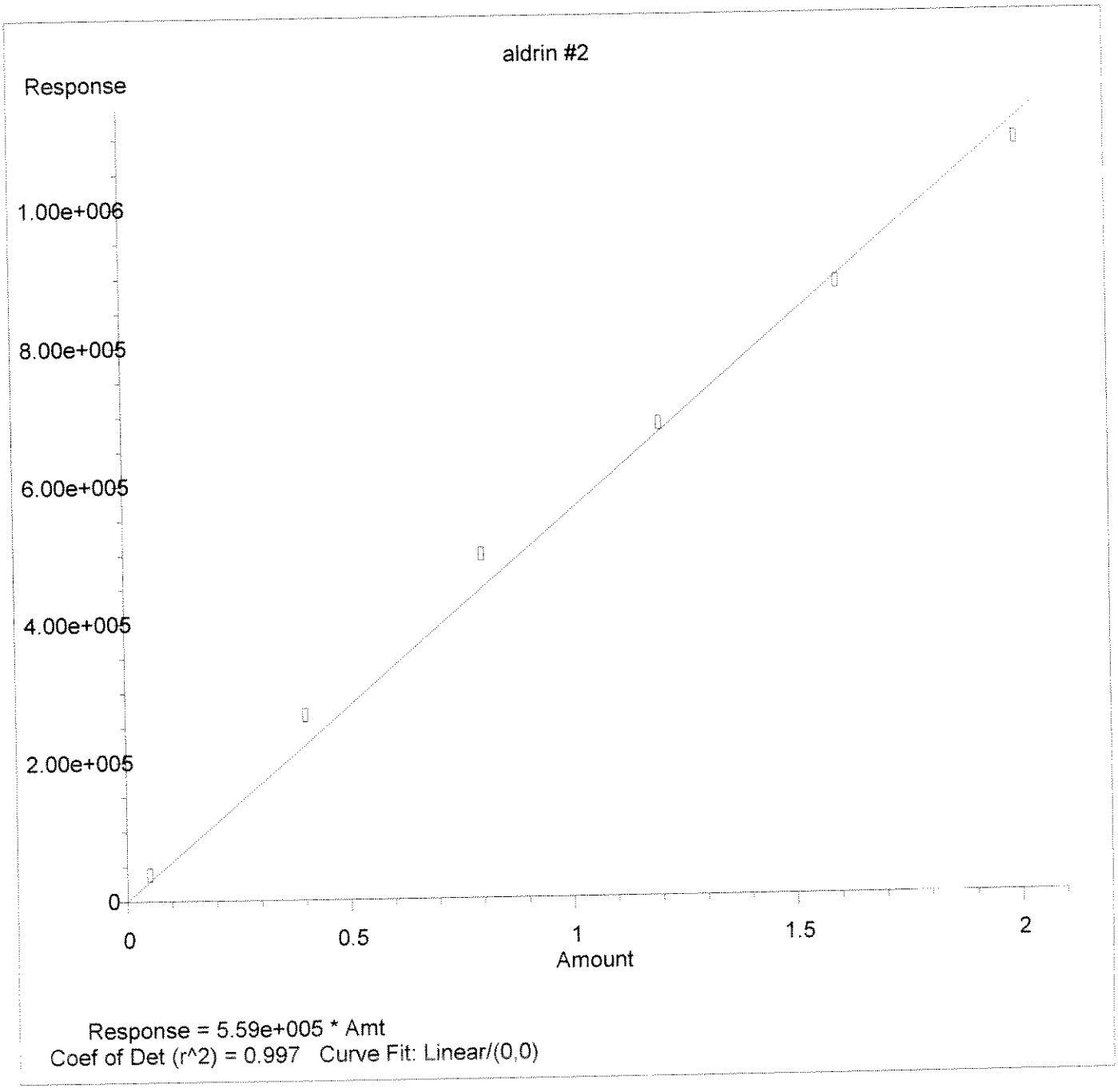
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



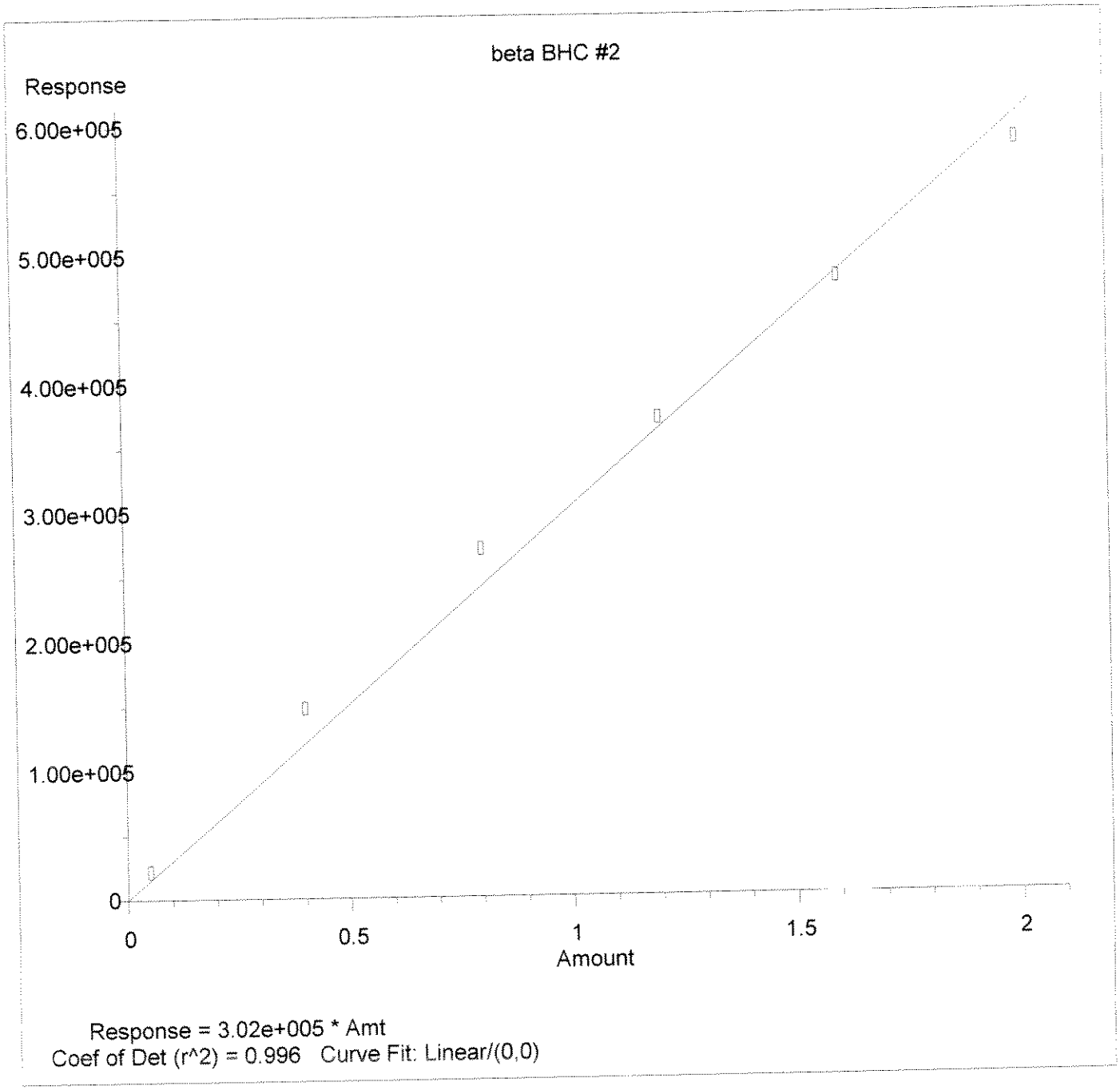
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



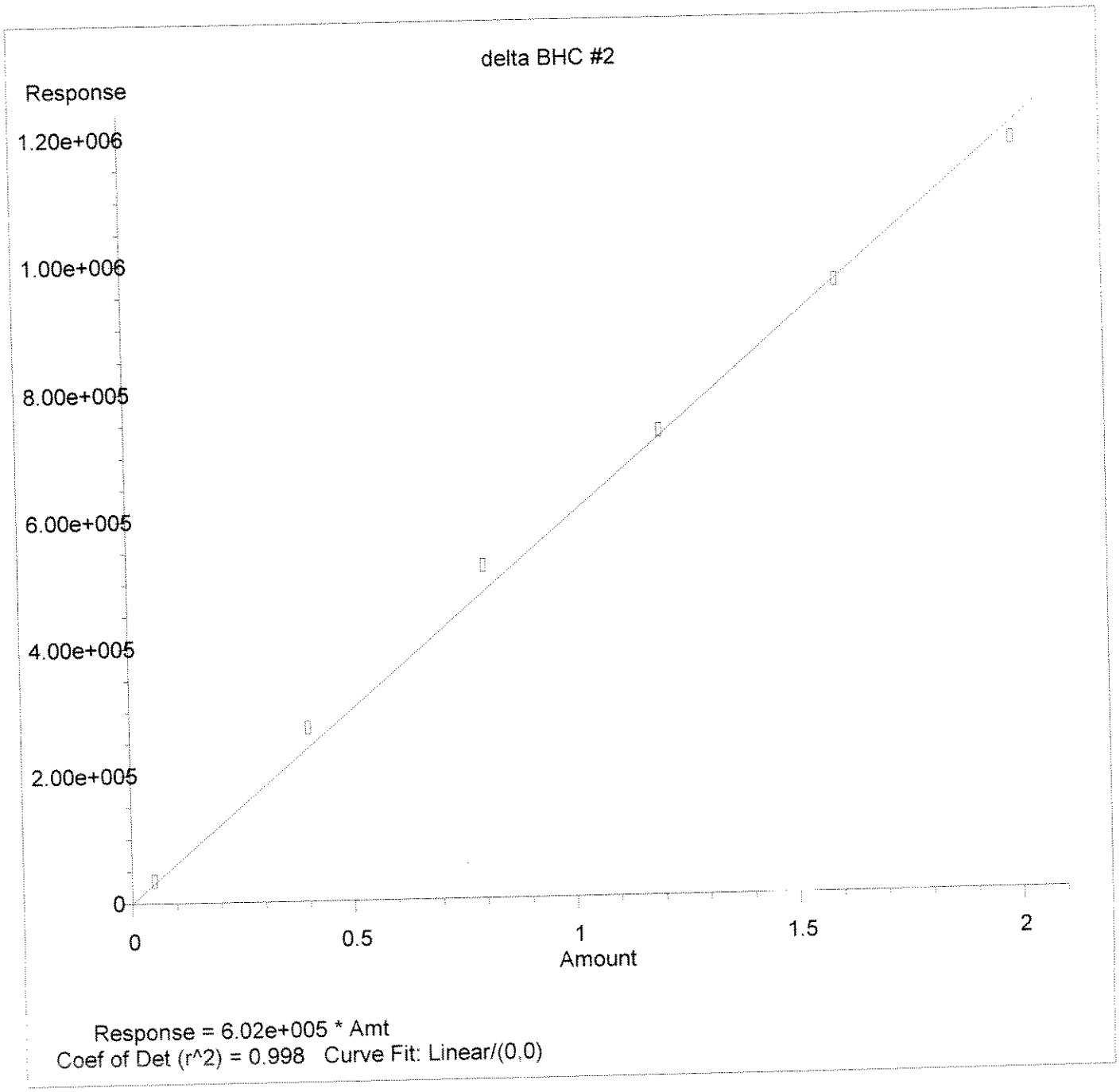
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



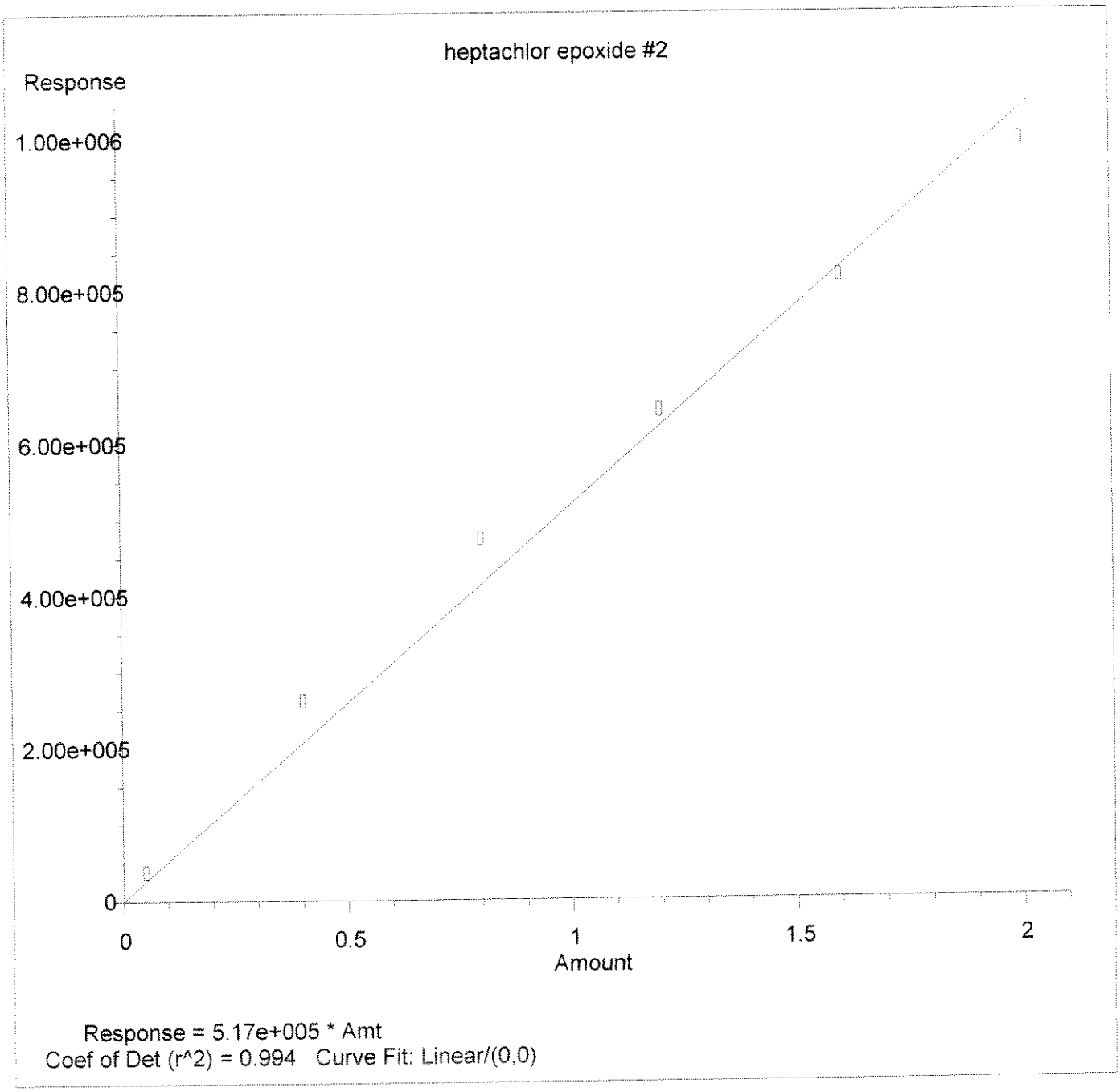
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



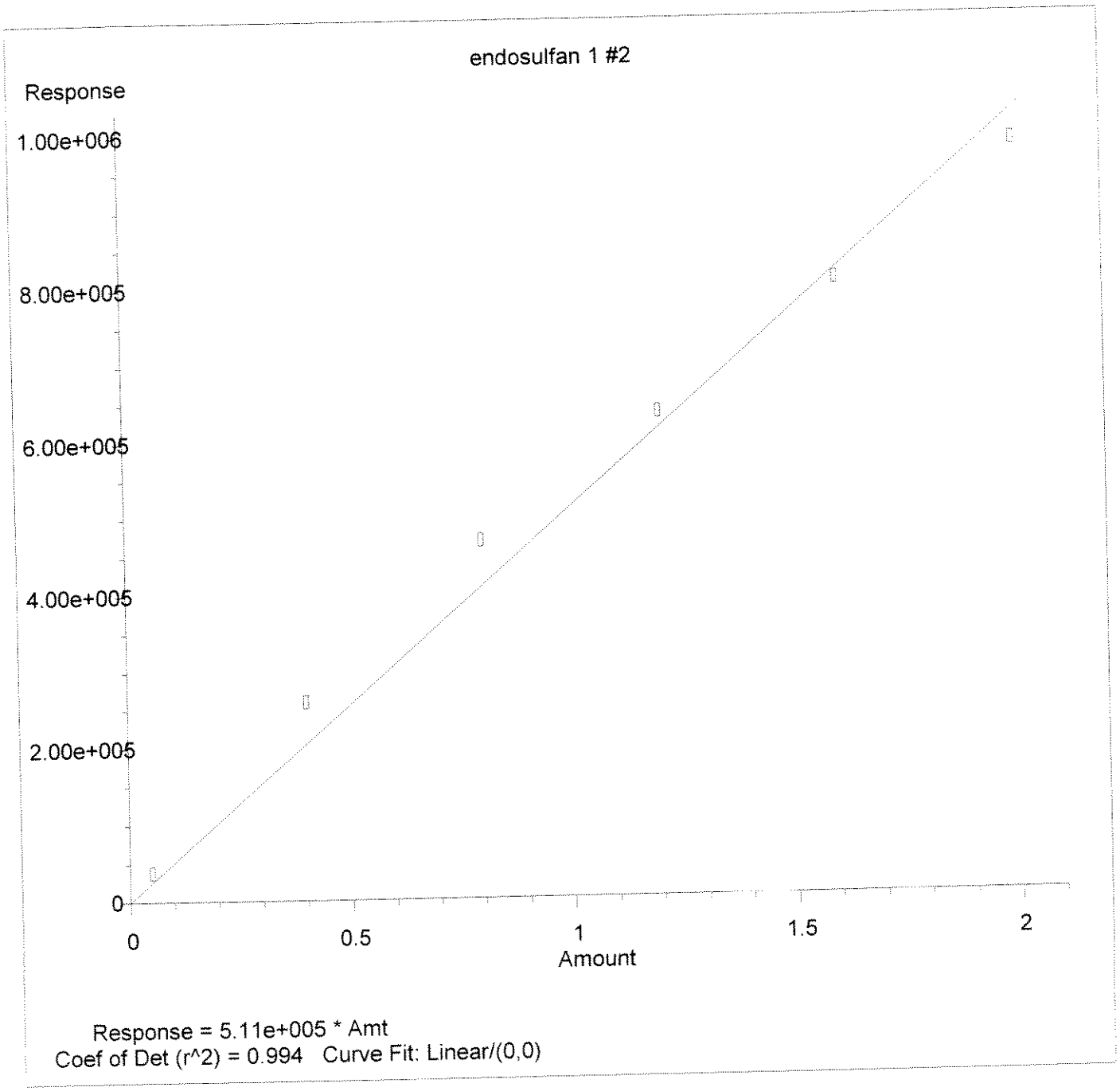
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



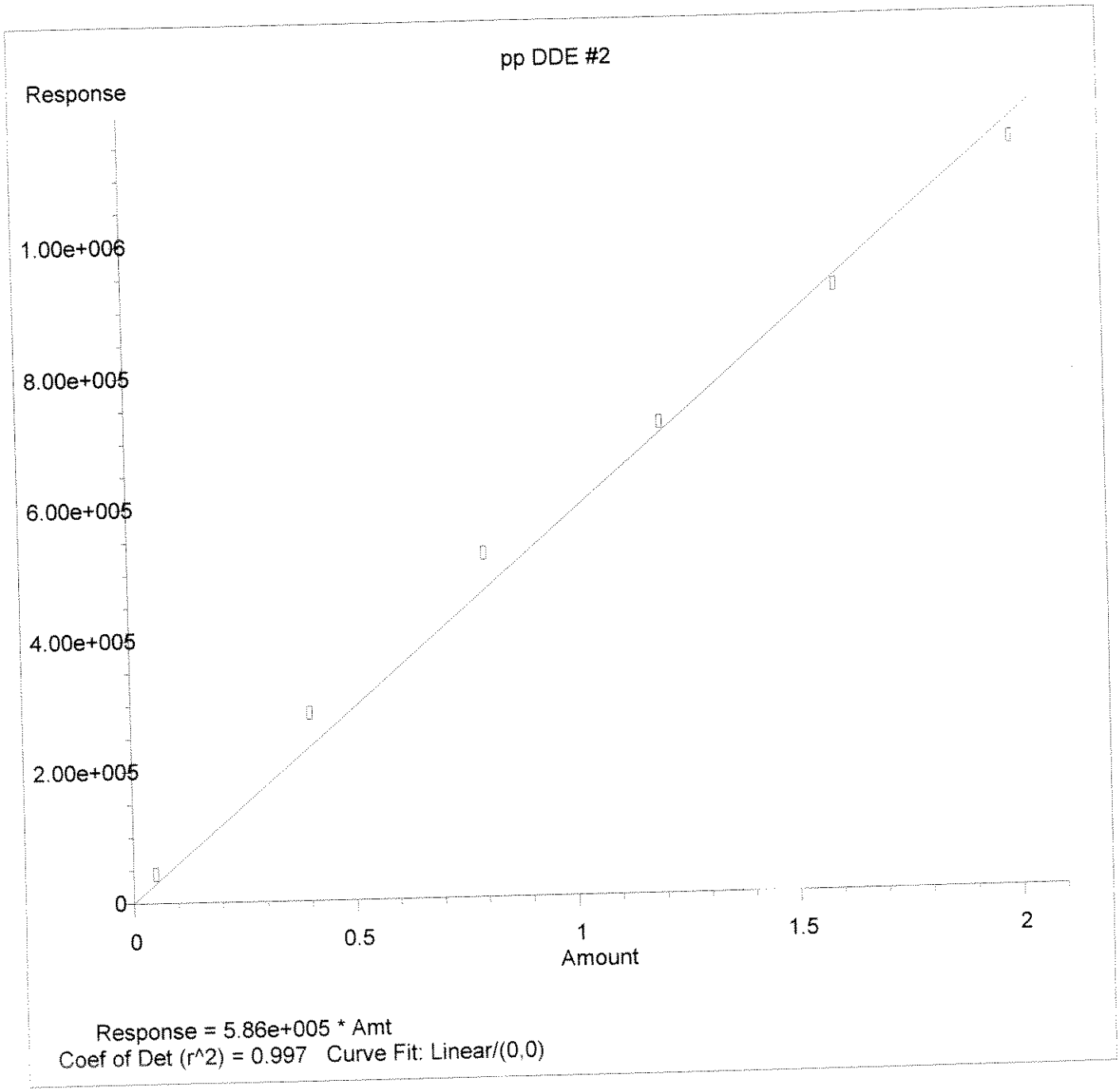
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



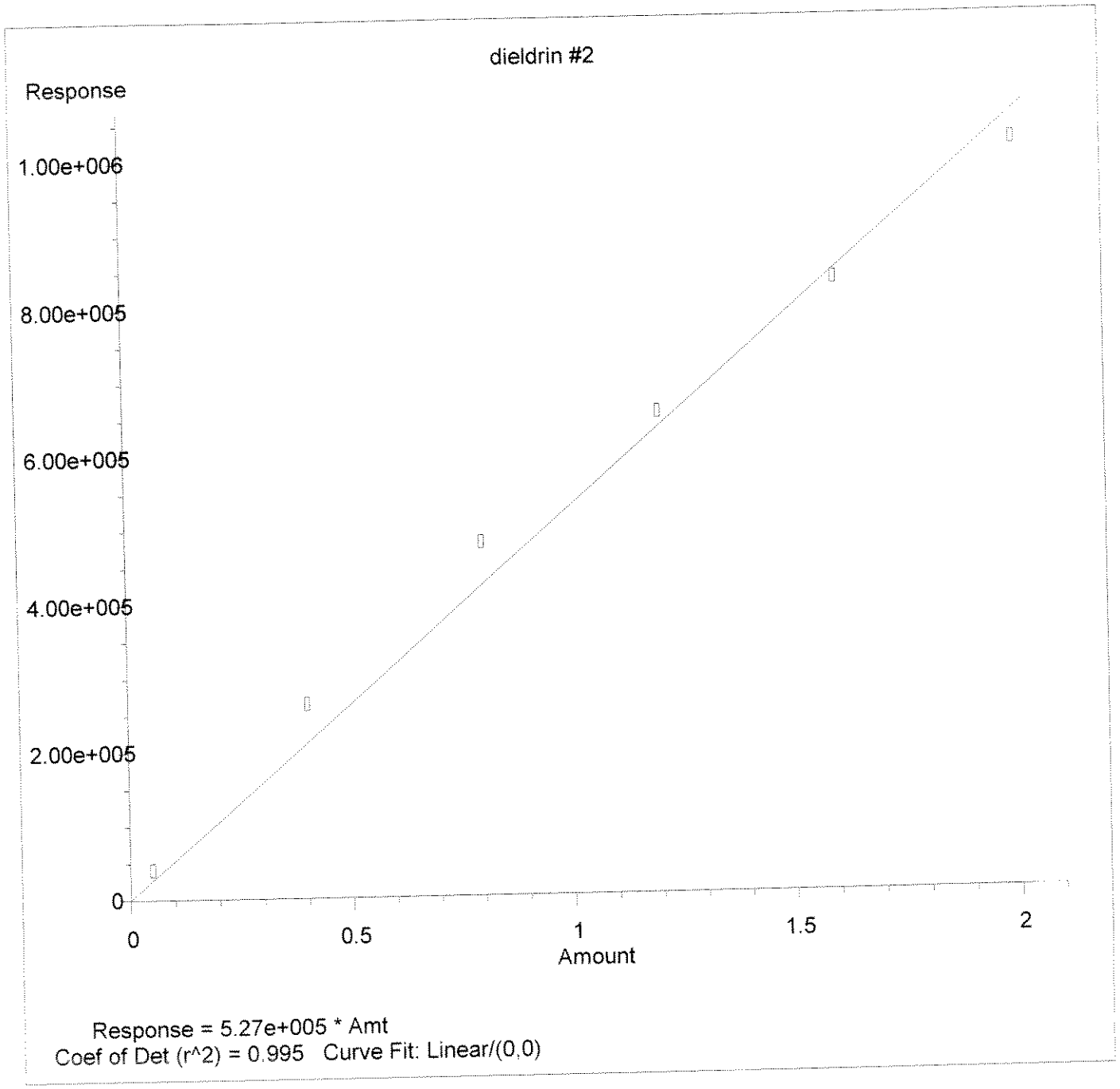
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



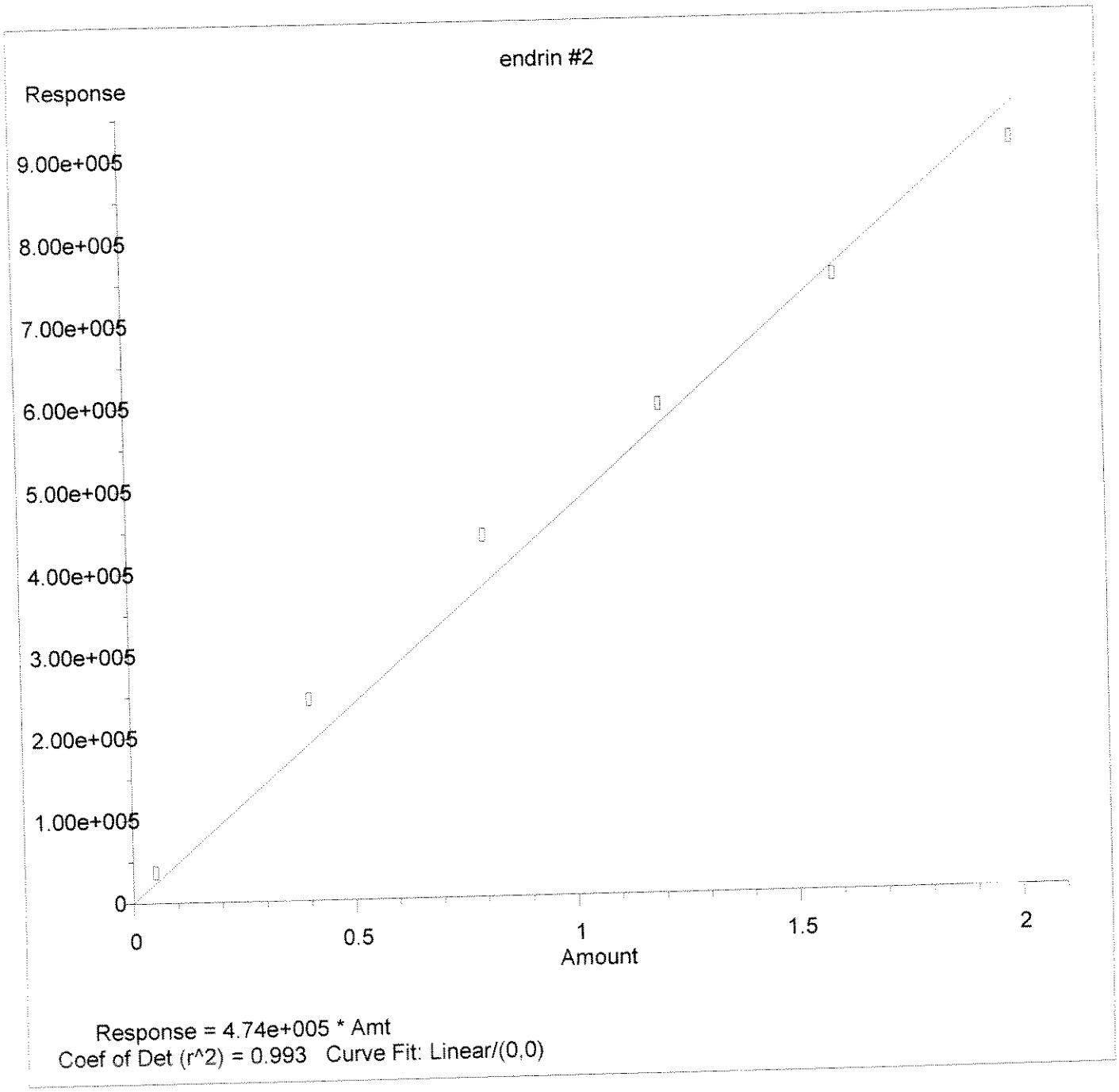
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



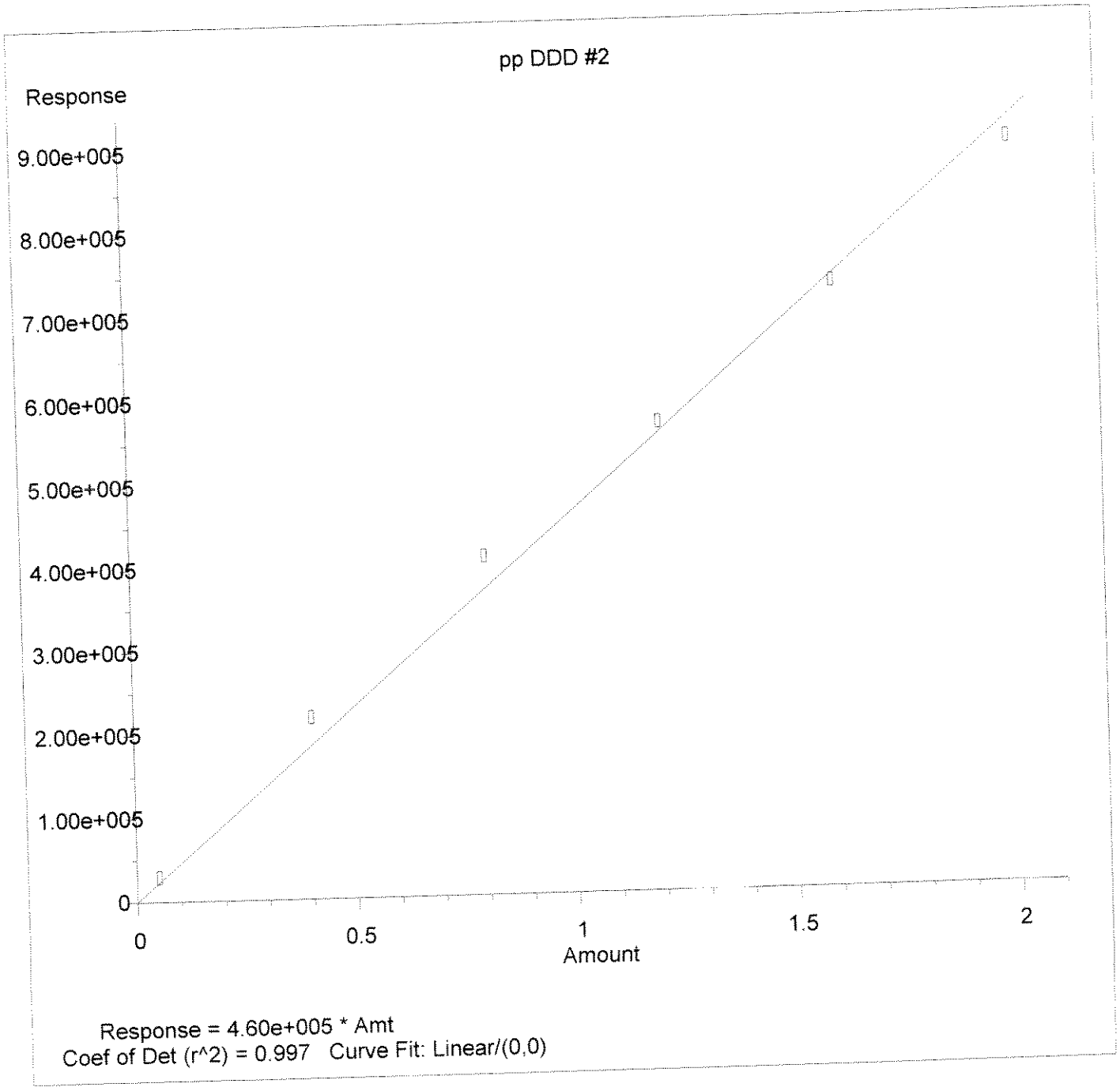
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



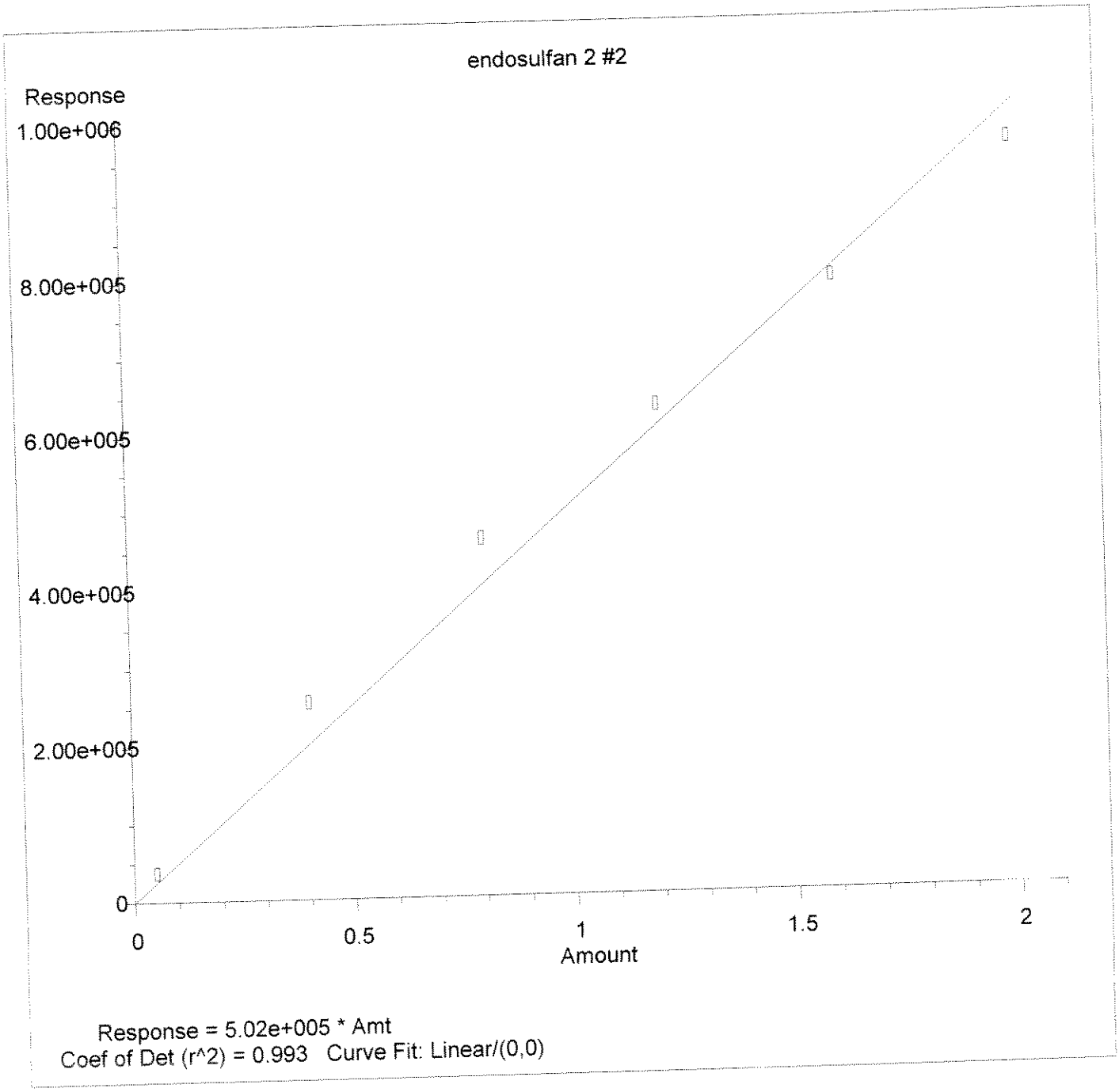
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



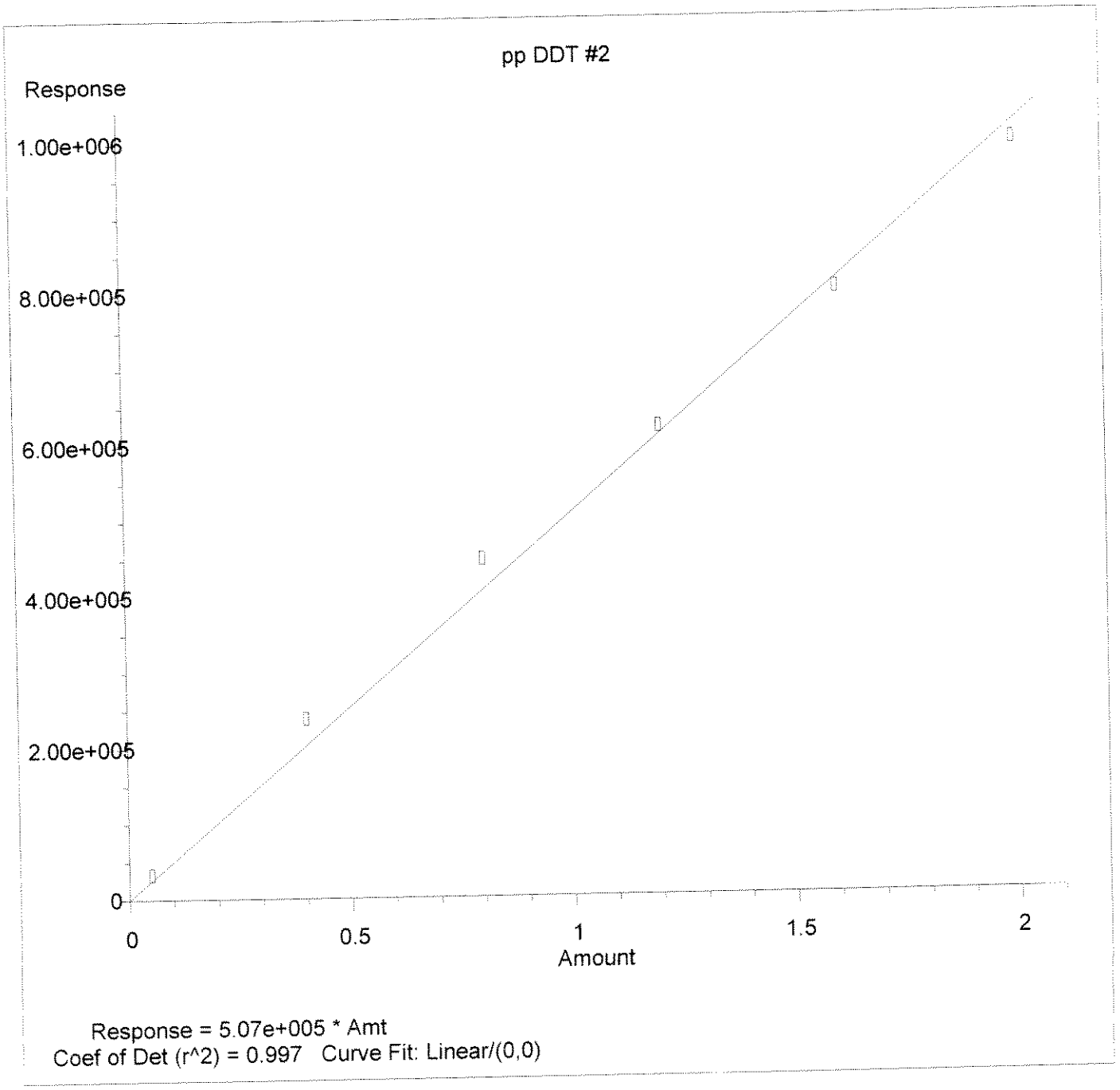
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



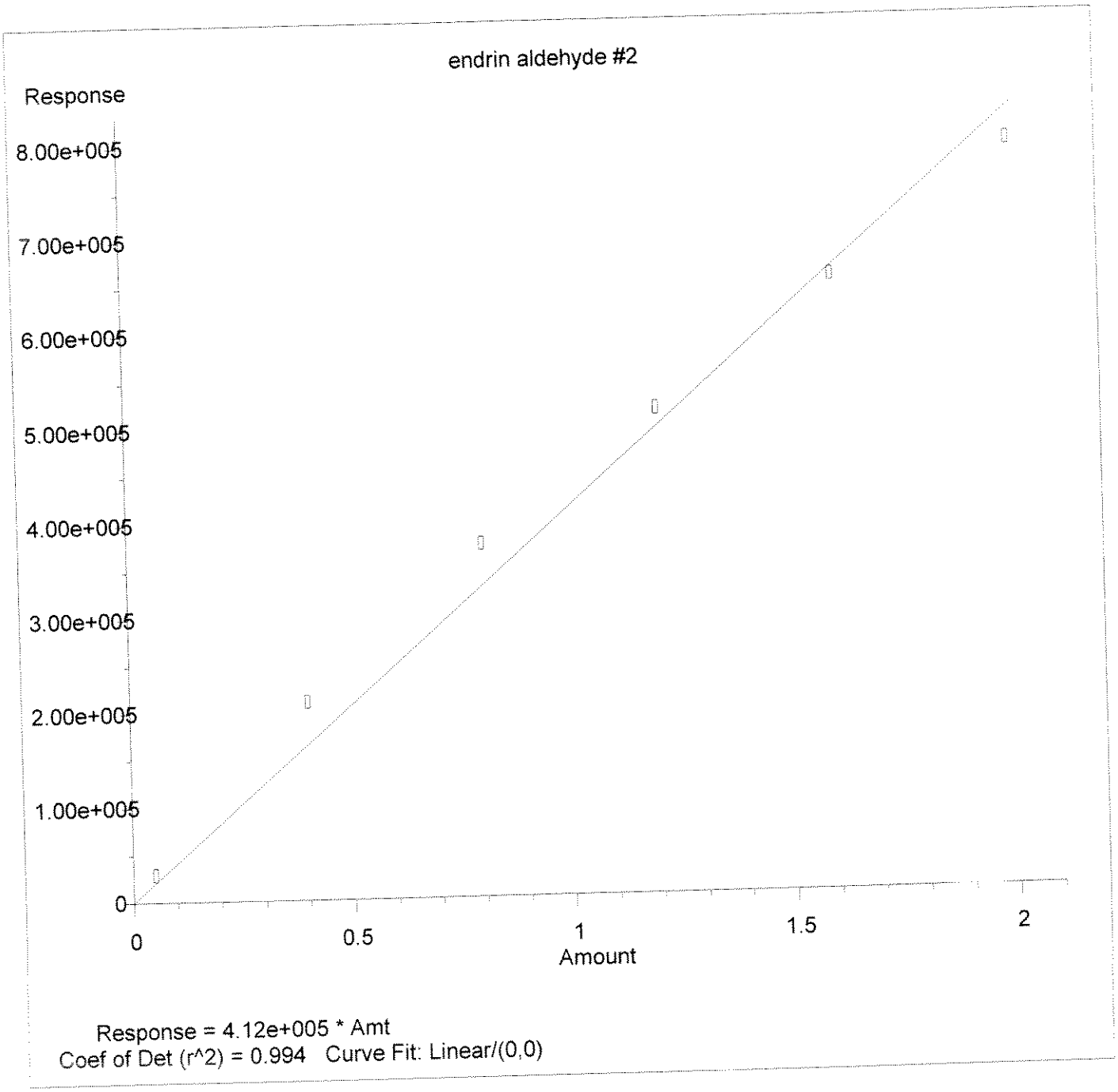
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



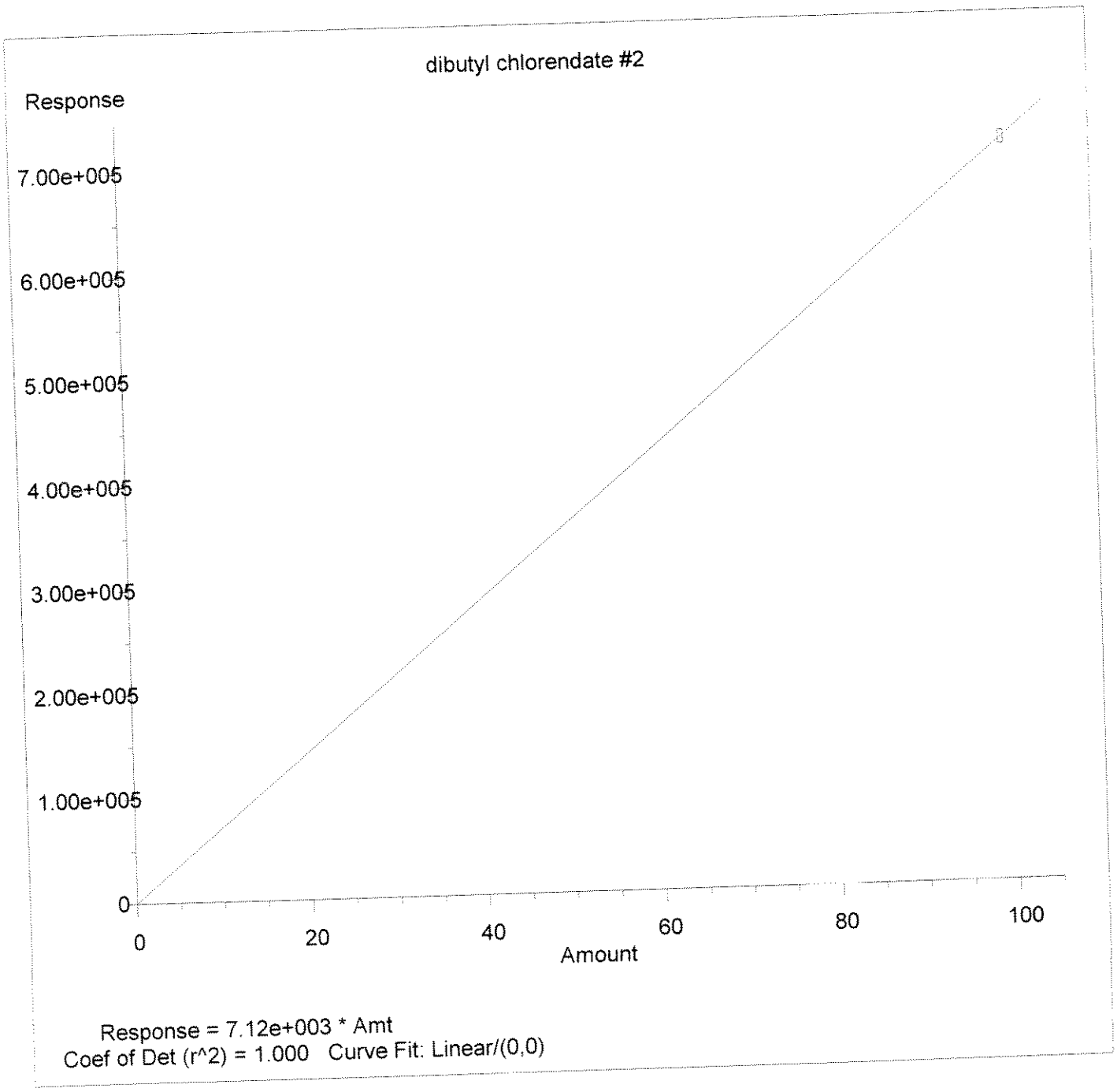
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



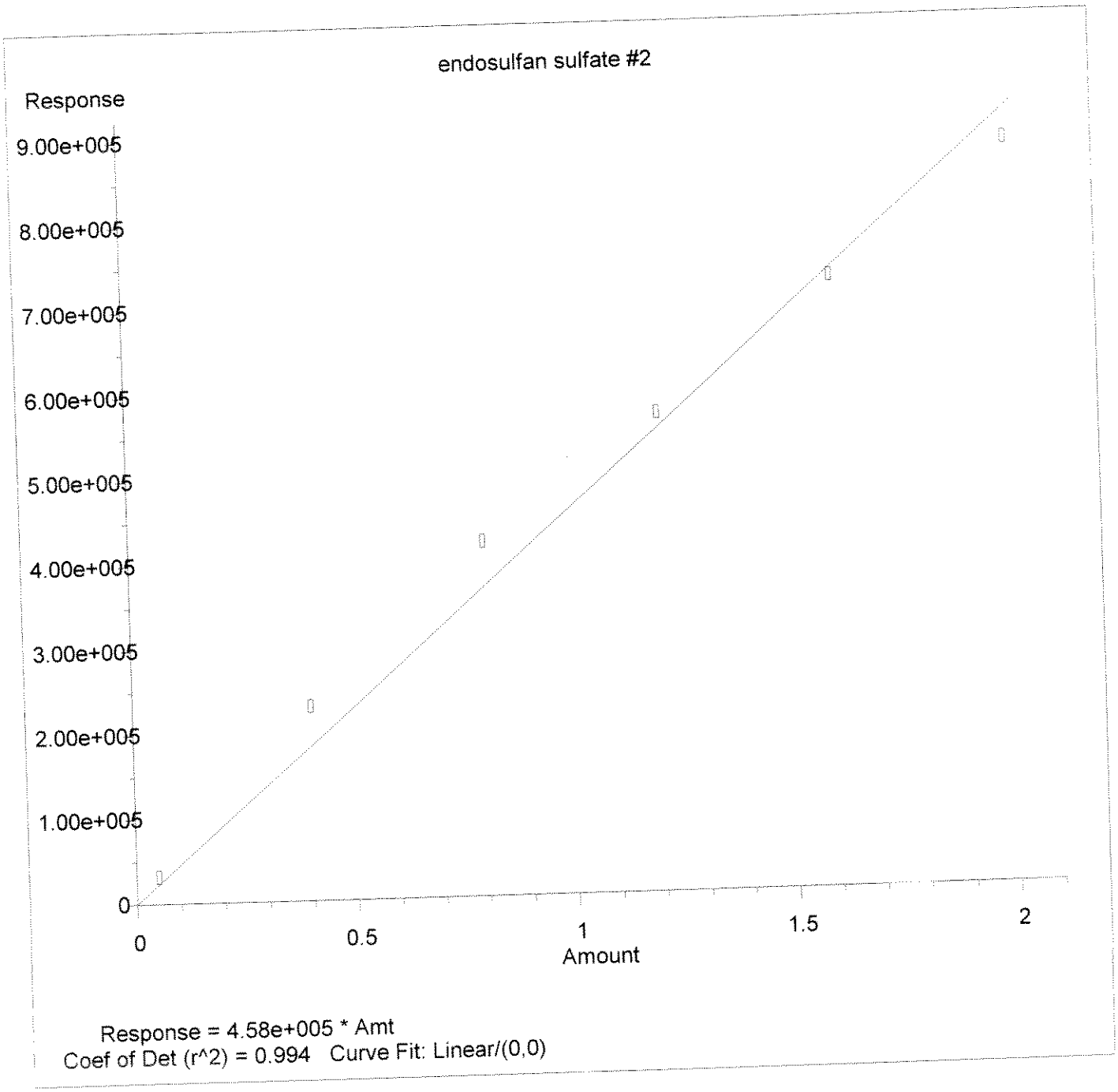
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



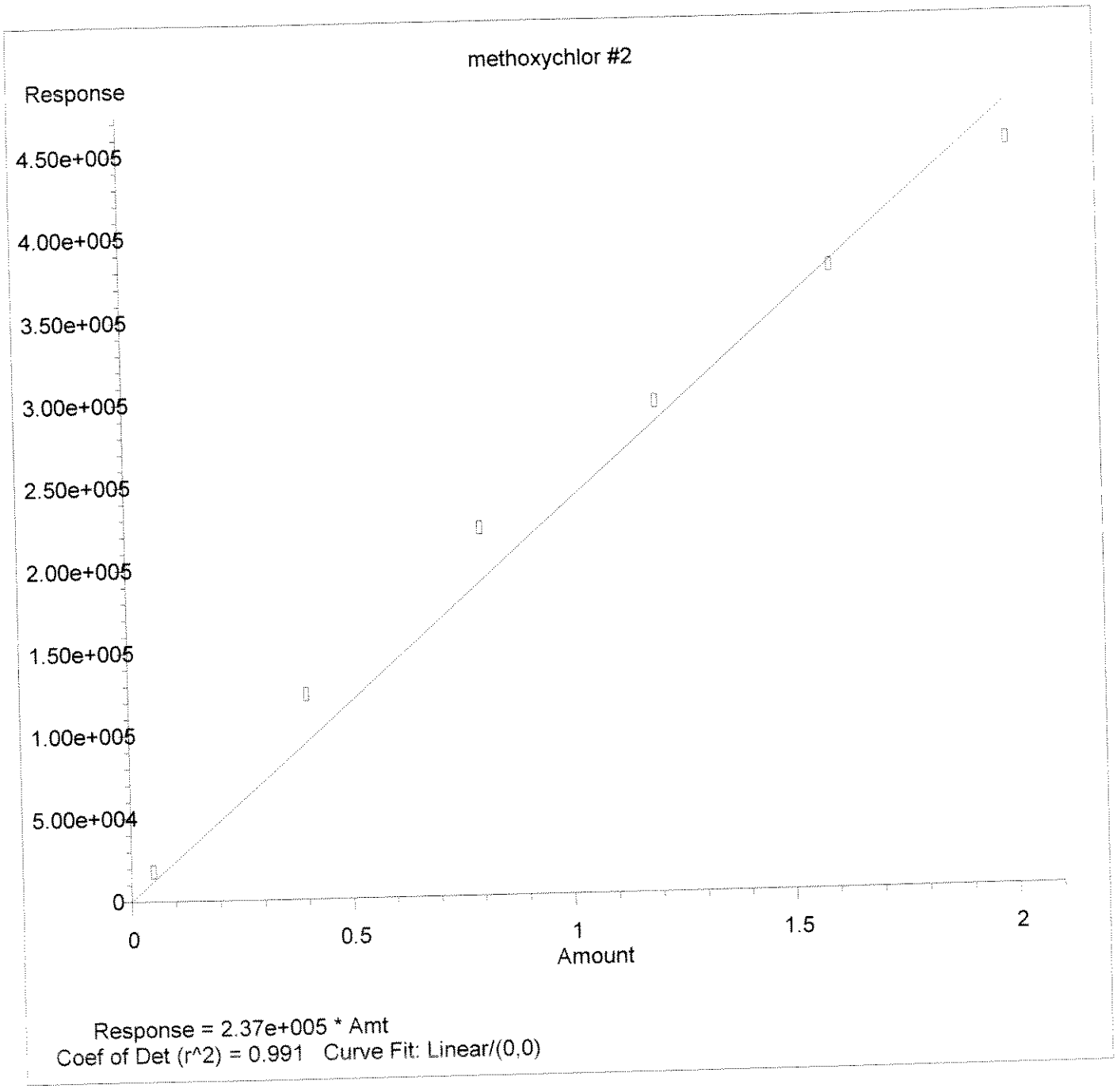
Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009



Method Name: C:\SVGC2METH\RMPN0422.M
Calibration Table Last Updated: Thu Apr 23 10:24:45 2009

Pesticide Calibration Verification Summary

method: 608
instrument: SVGC 2, H.P. 5890
primary column: Rtx-CLPesticides, 30 m x 0.25 mm

sample: Organochlorine Pesticides Mix
from Chem Service Lot: 364-67A

Date: 4/23/09
Time: 0408

compound	true value	%RPD limits	result	%RPD
alpha BHC	1.00	15	1.01	1
lindane	1.00	15	1.01	1
heptachlor	1.00	15	1.01	1
aldrin	1.00	15	1.01	1
beta BHC	1.00	15	1.03	3
delta BHC	1.00	15	1.01	1
heptachlor epoxide	1.00	15	1.02	2
endosulfan 1	1.00	15	1.02	2
pp DDE	1.00	15	1.00	0
dieldrin	1.00	15	1.01	1
endrin	1.00	15	1.03	3
pp DDD	1.00	15	1.00	0
endosulfan 2	1.00	15	1.03	3
pp DDT	1.00	15	0.99	1
endrin aldehyde	1.00	15	0.94	6
endosulfan sulfate	1.00	15	0.98	2
methoxychlor	1.00	15	1.03	3

*compound exceeded 15% RPD of initial calibration

This standard applies to calibration for sequence 042209

Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220919.D\data.ms Vial: 19
Signal #2 : C:\SVGC2FILES\042209\04220919.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 04:08 AM Operator: GW
Sample : chem s qc Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:32 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
System Monitoring Compounds						
1) S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17) S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
Target Compounds						
2) alpha BHC	11.17	13.40	571773	572433	1.011	0.897
3) lindane	12.40	14.77	534918	543910	1.013	0.896
4) heptachlor	14.09	16.35	557934	532566	1.013	0.923
5) aldrin	15.09	17.45	521174	503583	1.010	0.901
6) beta BHC	12.81	15.17	258084	275088	1.027	0.911
7) delta BHC	13.40	16.23	532354	532657	1.005	0.885
8) heptachlor epoxi	17.23	19.47	505944	482346	1.017	0.932
9) endosulfan 1	18.47	20.73	485026	469581	1.023	0.920
10) pp DDE	18.55	21.29	480581	525567	1.000	0.898
11) dieldrin	19.25	21.63	509016	487638	1.012	0.925
12) endrin	19.96	22.59	481950	435661	1.026m	0.918
13) pp DDD	20.45	23.15	410852	404141	0.995	0.878
14) endosulfan 2	20.68	23.28	477146	468346	1.033	0.932
15) pp DDT	21.32	24.13	455170	438922	0.992	0.865
16) endrin aldehyde	22.04	24.39	373177	352978	0.937	0.856
18) endosulfan sulfa	23.39	25.27	451702	407724	0.978	0.891
19) methoxychlor	23.01	26.37	263619	222209	1.027	0.936
20) endrin ketone	24.20	0.00	11578	0	0.032	N.D. #
21) alpha-cdane	18.08	0.00	2590	0	0.007	N.D. #
22) gamma-cdane	17.64	0.00	2808	0	0.007	N.D. #

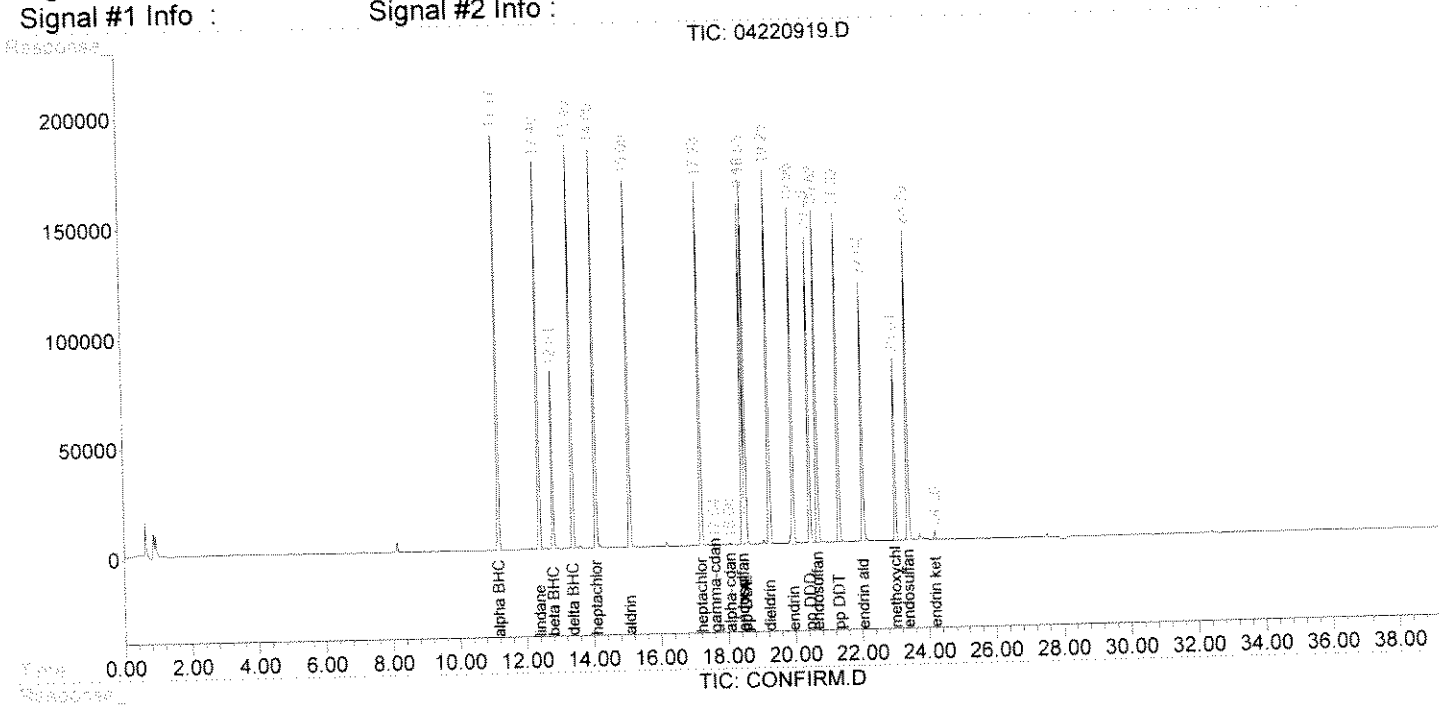
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220919.D RMPN0422.M Thu May 21 16:13:17 2009 SVGC3

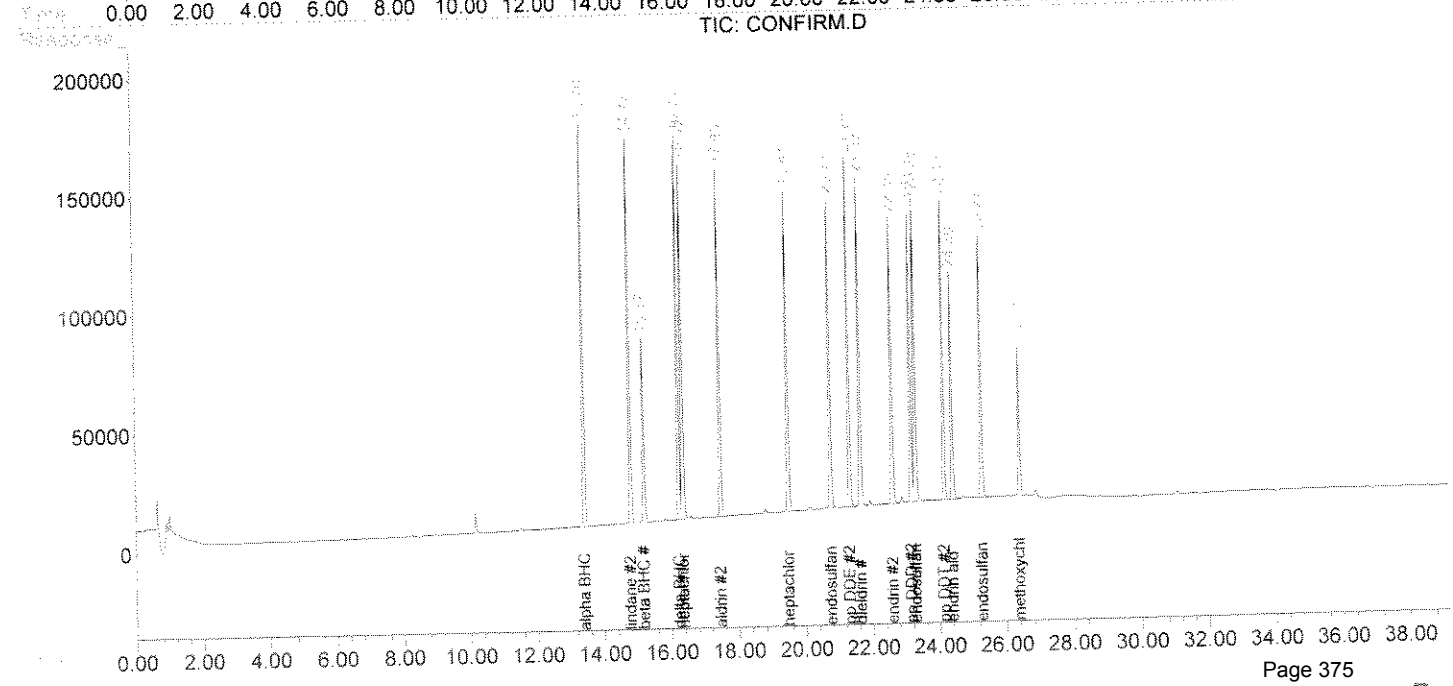
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220919.D\data.ms Vial: 19
Signal #2 : C:\SVGC2FILES\042209\04220919.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 04:08 AM Operator: GW
Sample : chem s qc Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:32 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Pesticide Instrument Performace Check Summary

method: 608/8081
instrument: SVGC 2, H.P. 5890
primary column: Rtx-CLPesticides, 30 m x 0.25 mm

sample: Restek Pesticides Mix
1.2 ug/L standard

Date: 4/23/09
Time: 1211

compound	true value	%RPD limits	result	%RPD
alpha BHC	1.20	15	1.24	3
lindane	1.20	15	1.25	4
heptachlor	1.20	15	1.14	5
aldrin	1.20	15	1.24	3
beta BHC	1.20	15	1.26	5
delta BHC	1.20	15	1.25	4
heptachlor epoxide	1.20	15	1.25	4
endosulfan 1	1.20	15	1.21	1
pp DDE	1.20	15	1.29	8
dieldrin	1.20	15	1.25	4
endrin	1.20	15	1.24	3
pp DDD	1.20	15	1.24	3
endosulfan 2	1.20	15	1.25	4
pp DDT	1.20	15	1.19	1
endrin aldehyde	1.20	15	1.26	5
endosulfan sulfate	1.20	15	1.24	3
methoxychlor	1.20	15	1.17	2

*exceeded 15% RPD

This standard applies to calibration for sequence 042209

Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220929.D\data.ms Vial: 28
Signal #2 : C:\SVGC2FILES\042209\04220929.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 12:11 PM Operator: GW
Sample : rmp 1.2 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 16:51 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
System Monitoring Compounds						
1) S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17) S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
Target Compounds						
2) alpha BHC	11.19	13.40	700755	800610	1.239	1.254
3) lindane	12.40	14.77	658162	767430	1.247	1.265
4) heptachlor	14.09	16.35	628263	720828	1.141	1.249
5) aldrin	15.11	17.45	640206	703806	1.240	1.259
6) beta BHC	12.81	15.17	316995	383563	1.261	1.270
7) delta BHC	13.41	16.23	660059	759404	1.246	1.262
8) heptachlor epoxi	17.23	19.47	621165	660922	1.249	1.278
9) endosulfan 1	18.47	20.72	574509	645440	1.211	1.264
10) pp DDE	18.56	21.29	617871	728738	1.286	1.245
11) dieldrin	19.25	21.63	626738	661764	1.247	1.255
12) endrin	19.96	22.57	579734	595870	1.235	1.256
13) pp DDD	20.45	23.15	512228	572270	1.240	1.243
14) endosulfan 2	20.69	23.28	578103	625662	1.252	1.245
15) pp DDT	21.32	24.12	544466	601451	1.186	1.185
16) endrin aldehyde	22.04	24.39	501045	518357	1.259	1.257
18) endosulfan sulfa	23.40	25.25	574246	571446	1.243	1.249
19) methoxychlor	23.01	26.37	301078	287471	1.173	1.211
20) endrin ketone	24.20	0.00	12837	0	0.035	N.D. #
21) alpha-cdane	0.00	20.72	0	645440	N.D.	1.463 #
22) gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

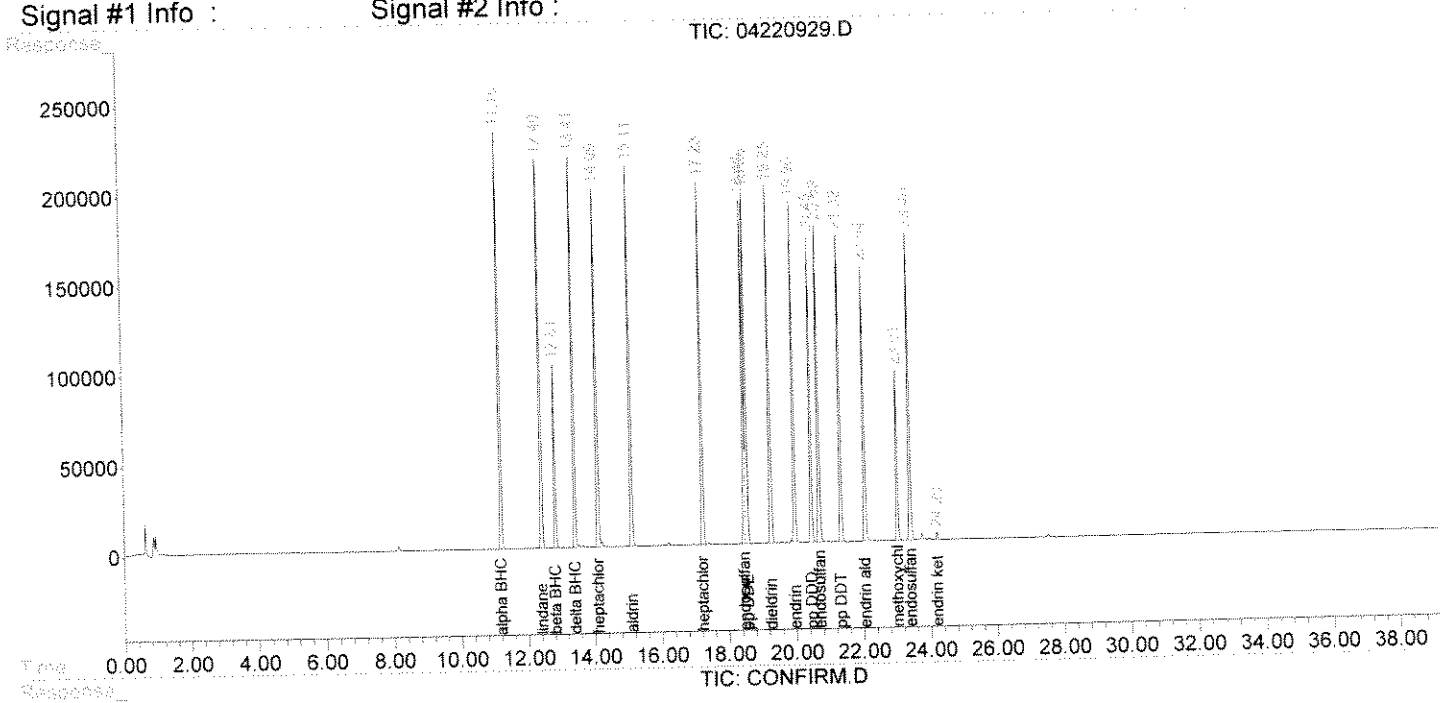
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220929.D RMPN0422.M Thu May 21 16:13:31 2009 SVGC3

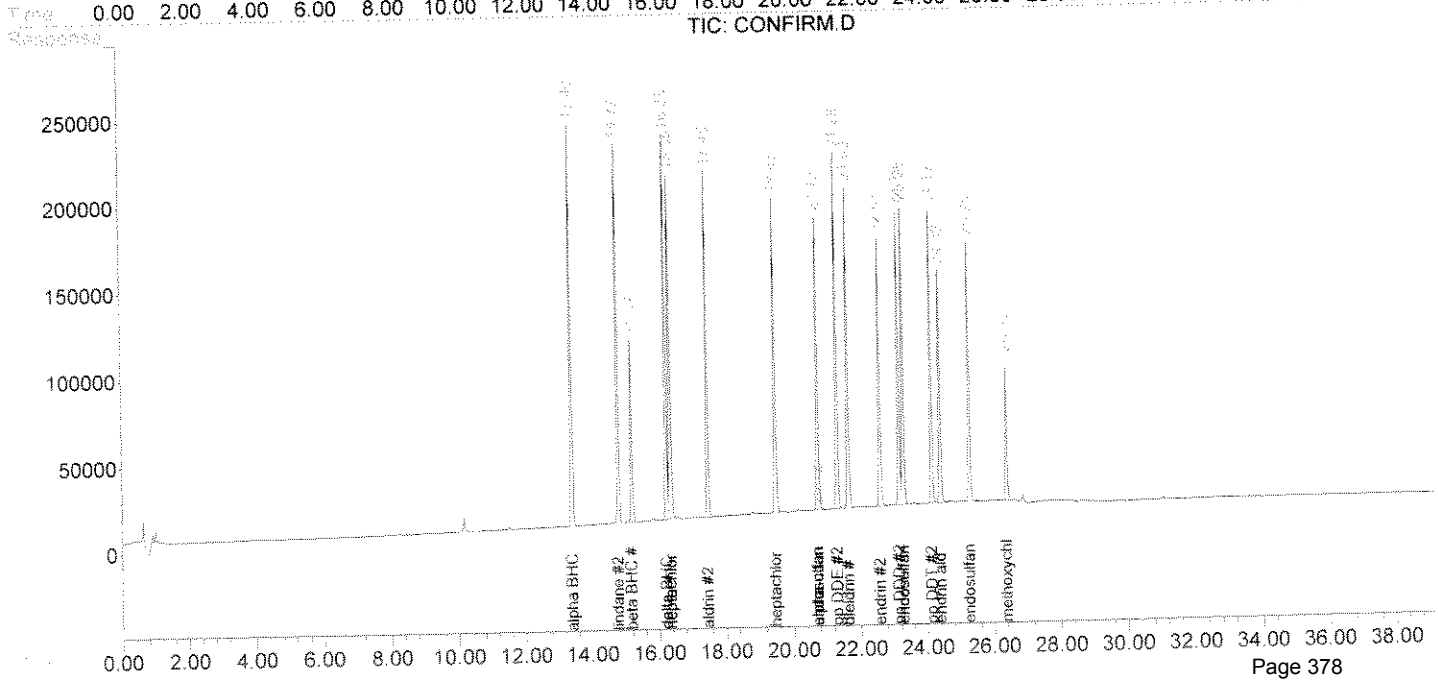
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220929.D\data.ms Vial: 28
Signal #2 : C:\SVGC2FILES\042209\04220929.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 12:11 PM Operator: GW
Sample : rmp 1.2 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 16:51 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Pesticide Instrument Performace Check Summary

method: 608/8081
instrument: SVGC 2, H.P. 5890
primary column: Rtx-CLPesticides, 30 m x 0.25 mm

sample: Restek Pesticides Mix
1.6 ug/L standard

Date: 4/23/09
Time: 1925

compound	true value	%RPD limits	result	%RPD
alpha BHC	1.60	15	1.60	0
lindane	1.60	15	1.60	0
heptachlor	1.60	15	1.52	5
aldrin	1.60	15	1.61	1
beta BHC	1.60	15	1.61	1
delta BHC	1.60	15	1.62	1
heptachlor epoxide	1.60	15	1.60	0
endosulfan 1	1.60	15	1.56	2
pp DDE	1.60	15	1.62	1
dieldrin	1.60	15	1.60	0
endrin	1.60	15	1.60	0
pp DDD	1.60	15	1.60	0
endosulfan 2	1.60	15	1.67	4
pp DDT	1.60	15	1.55	3
endrin aldehyde	1.60	15	1.60	0
endosulfan sulfate	1.60	15	1.57	2
methoxychlor	1.60	15	1.50	6

*exceeded 15% RPD

This standard applies to calibration for sequence 042209

Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220939.D\data.ms Vial: 38
Signal #2 : C:\SVGC2FILES\042209\04220939.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 07:25 PM Operator: GW
Sample : rmp 1.6 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 24 9:51 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

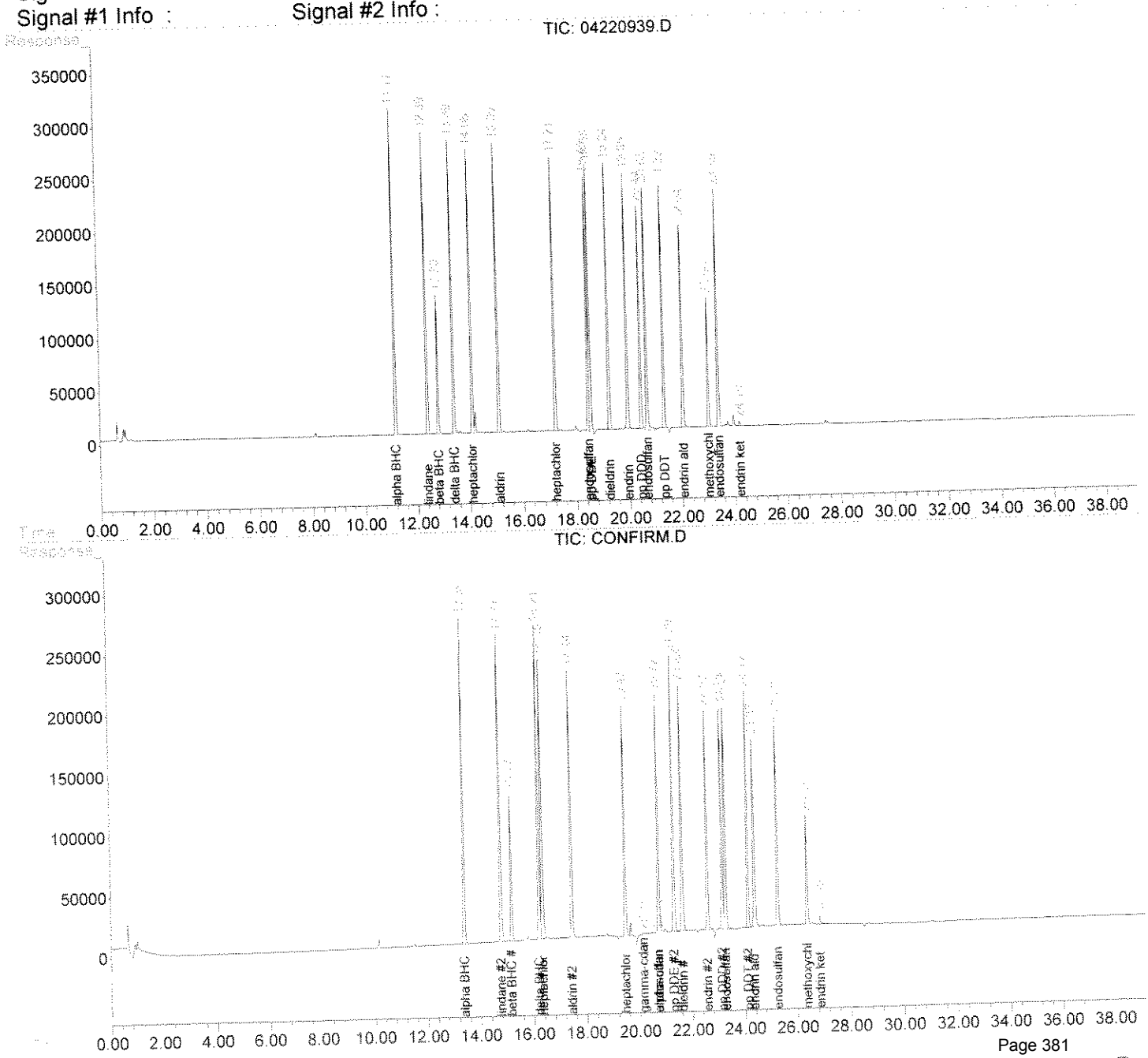
Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
System Monitoring Compounds						
1) S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17) S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
Target Compounds						
2) alpha BHC	11.17	13.39	906390	910129	1.602	1.426
3) lindane	12.39	14.77	846638	866782	1.603	1.429
4) heptachlor	14.08	16.35	838743	826892	1.523	1.433
5) aldrin	15.09	17.44	828806	799015	1.606	1.429
6) beta BHC	12.80	15.17	405158	432399	1.612	1.431
7) delta BHC	13.39	16.21	858545	871386	1.621	1.448
8) heptachlor epoxi	17.21	19.47	794887	698702	1.599	1.351
9) endosulfan 1	18.45	20.72	741494	722490	1.563m	1.415
10) pp DDE	18.55	21.29	778851	818040	1.621	1.397
11) dieldrin	19.24	21.63	804818	752738	1.601	1.427
12) endrin	19.95	22.57	750962	671223	1.599	1.415
13) pp DDD	20.44	23.15	658975	651126	1.595	1.414
14) endosulfan 2	20.68	23.28	771322	696194	1.670	1.386
15) pp DDT	21.32	24.12	709722	685965	1.546	1.352
16) endrin aldehyde	22.04	24.37	636474	587378	1.599	1.424
18) endosulfan sulfa	23.39	25.25	723510	645222	1.567	1.410
19) methoxychlor	23.00	26.37	385646	334661	1.503	1.409
20) endrin ketone	24.19	26.85f	15274	34789	0.042	0.095 #
21) alpha-cdane	0.00	20.72	0	722490	N.D.	1.637 #
22) gamma-cdane	0.00	20.15	0	137617	N.D.	0.297 #

Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220939.D\data.ms Vial: 38
Signal #2 : C:\SVGC2FILES\042209\04220939.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 07:25 PM Operator: GW
Sample : rmp 1.6 Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 24 9:51 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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



Endrin and ppDDT Breakdown Summary

method: 608

instrument: SVGC 2, H.P. 5890
primary column: RTX-CLPesticides, 30 m x 0.2 mm

sample id: Restek Degradation Check Mix (Endrin + ppDDT)
2.0 ppb INT from 100ug/ml stock lot# A005466

Date of Analysis	Time of Analysis	Endrin response	Endrin Aldehyde response	Endrin Ketone response	% Breakdown Endrin
4/22/09	1507	953480	7696	17070	3%
4/23/09	0535	895762	15203	23468	4%
4/23/09	1254	953836	14806	23878	4%
4/23/09	2008	930154	15755	24159	4%

%Breakdown = Endrin Aldehyde + Endrin Ketone/ Endrin + Endrin Aldehyde + Endin Ketone x 100
Endrin

Date of Analysis	Time of Analysis	ppDDT response	ppDDE response	ppDDD response	% Breakdown ppDDT
4/22/09	1507	925285	10484	3543	1%
4/23/09	0535	864686	9988	7165	2%
4/23/09	1254	882039	10671	7798	2%
4/23/09	2008	866841	9919	15755	2%

%Breakdown = ppDDE + ppDDD/ ppDDT + ppDDE + ppDDD x 100
ppDDT

* QC limit (15%).

Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220901.D\data.ms Vial: 1
Signal #2 : C:\SVGC2FILES\042209\04220901.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 03:07 PM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : MultiplIr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:14 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17)	S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
	Target Compounds						
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3)	lindane	0.00	0.00	0	0	N.D.	N.D.
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.
8)	heptachlor epoxi	0.00	0.00	0	0	N.D.	N.D.
9)	endosulfan 1	18.55f	0.00	13030	0	0.029	N.D. #
10)	pp DDE	18.55	21.29	10484	30786	0.023m	0.053m#
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.
12)	endrin	19.96	22.59	953480	1164886	2.082m	2.465
13)	pp DDD	20.45	23.15	3543	15358	0.009	0.033 #
14)	endosulfan 2	20.76f	0.00	2146	0	0.005	N.D. #
15)	pp DDT	21.32	24.12	925285	1297114	2.081	2.610 #
16)	endrin aldehyde	22.04	24.37	7696	9071	0.020	0.022m
18)	endosulfan sulfa	0.00	0.00	0	0	N.D.	N.D.
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.
20)	endrin ketone	24.20	26.87	17070	21772	0.047m	0.060m#
21)	alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22)	gamma-cdane	0.00	0.00	0	0	N.D.	N.D.

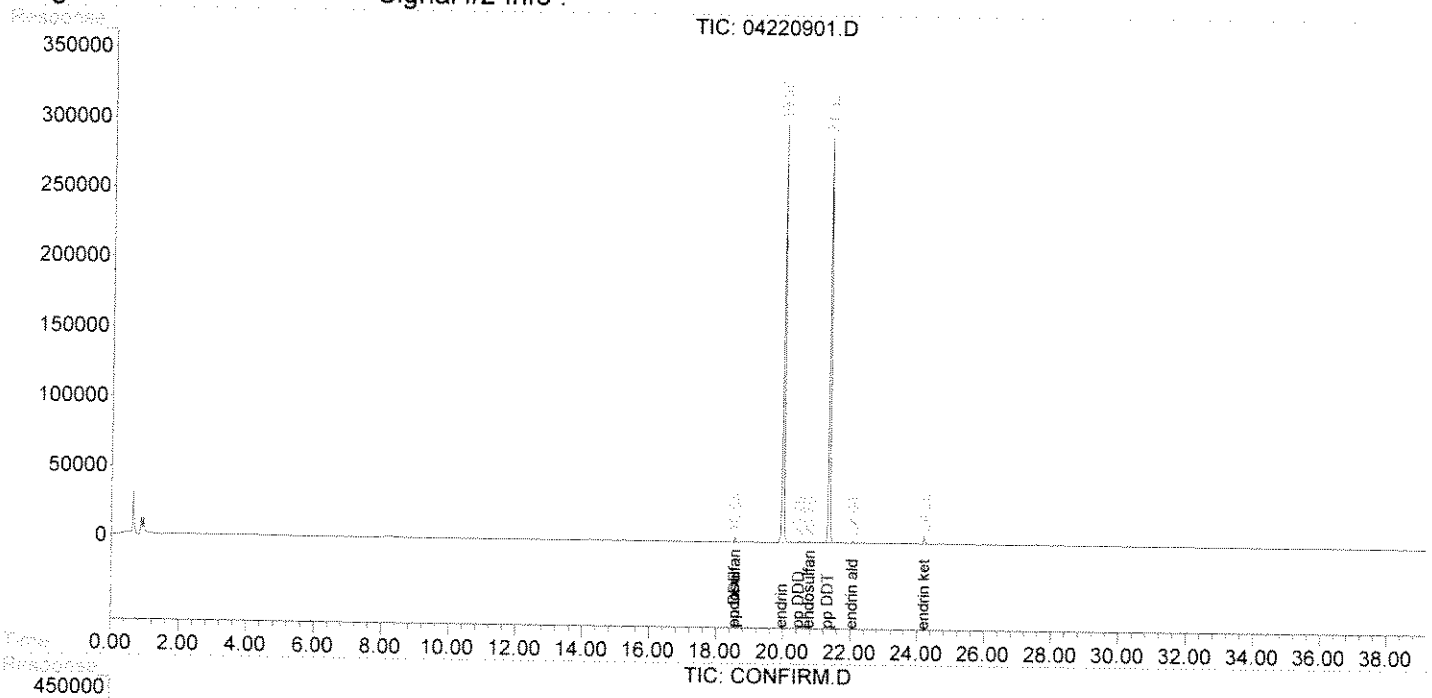
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220901.D RMPN0417.M Thu May 21 16:12:08 2009 SVGC3

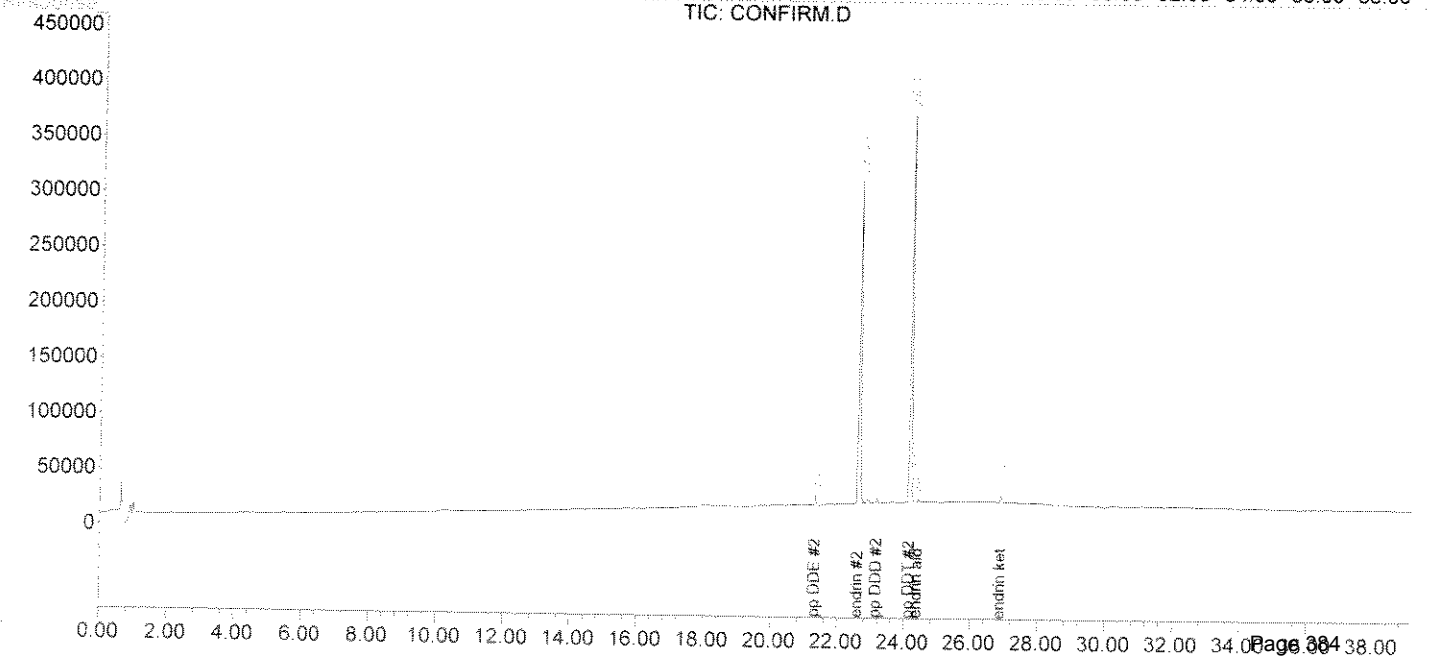
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220901.D\data.ms Vial: 1
Signal #2 : C:\SVGC2FILES\042209\04220901.D\CONFIRM.D\data.ms
Acq On : 22 Apr 2009 03:07 PM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:14 2009 Quant Results File: RMPN0417.RES

Quant Method : C:\SVGC2METH\RMPN0417.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Mon Apr 20 12:00:39 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220921.D\data.ms Vial: 1
Signal #2 : C:\SVGC2FILES\042209\04220921.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 05:35 AM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:32 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
System Monitoring Compounds						
1) S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17) S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
Target Compounds						
2) alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3) lindane	0.00	0.00	0	0	N.D.	N.D.
4) heptachlor	0.00	0.00	0	0	N.D.	N.D.
5) aldrin	0.00	0.00	0	0	N.D.	N.D.
6) beta BHC	0.00	0.00	0	0	N.D.	N.D.
7) delta BHC	0.00	0.00	0	0	N.D.	N.D.
8) heptachlor epoxi	0.00	0.00	0	0	N.D.	N.D.
9) endosulfan 1	18.55f	0.00	38788	0	0.082	N.D. #
10) pp DDE	18.55	21.29	9988	24371	0.021m	0.042 #
11) dieldrin	0.00	0.00	0	0	N.D.	N.D.
12) endrin	19.96	22.59	895762	819898	1.908	1.728
13) pp DDD	20.45	23.15	7165	15100	0.017	0.033 #
14) endosulfan 2	20.75f	0.00	2794	0	0.006	N.D. #
15) pp DDT	21.32	24.13	864686	874061	1.884	1.722
16) endrin aldehyde	22.04	24.39	15203	16134	0.038	0.039
18) endosulfan sulfa	0.00	0.00	0	0	N.D.	N.D.
19) methoxychlor	0.00	0.00	0	0	N.D.	N.D.
20) endrin ketone	24.20	26.87	23468	23770	0.065	0.065
21) alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22) gamma-cdane	0.00	20.16	0	82415	N.D.	0.178 #

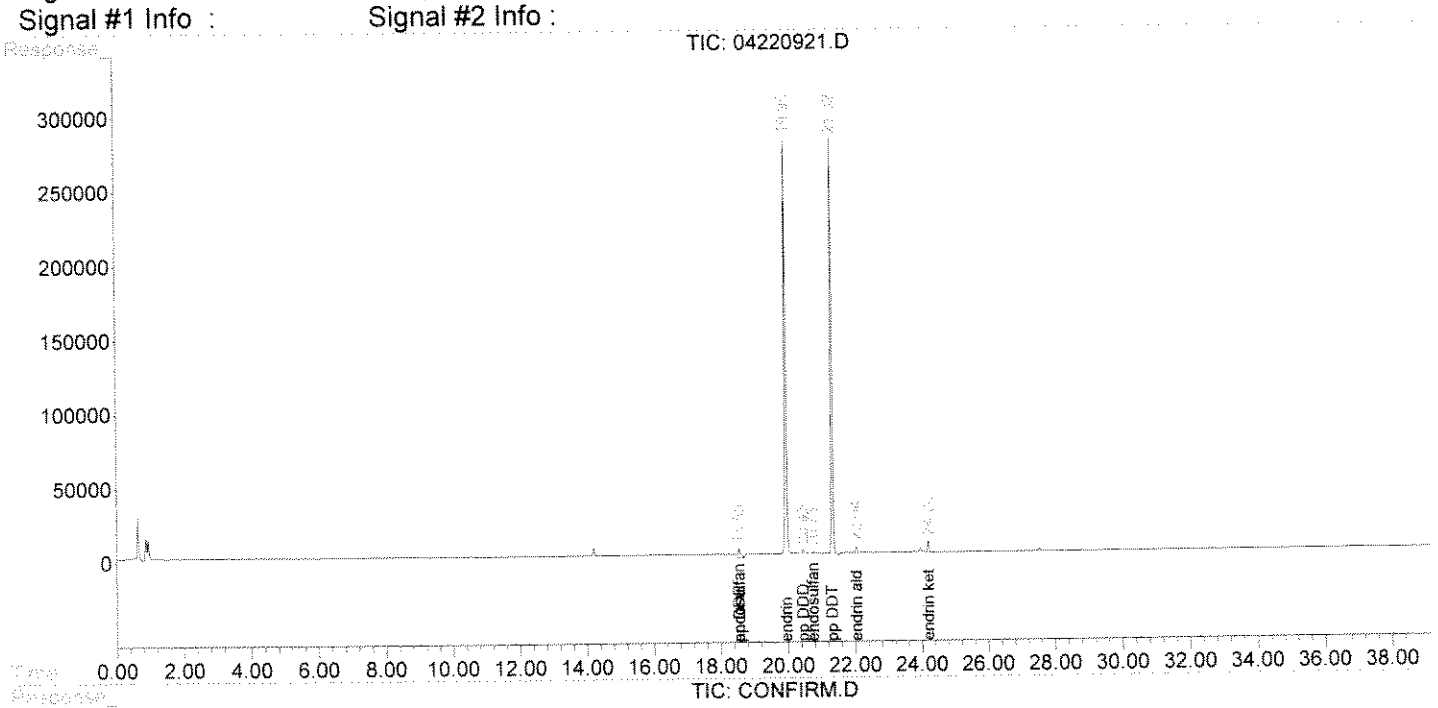
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

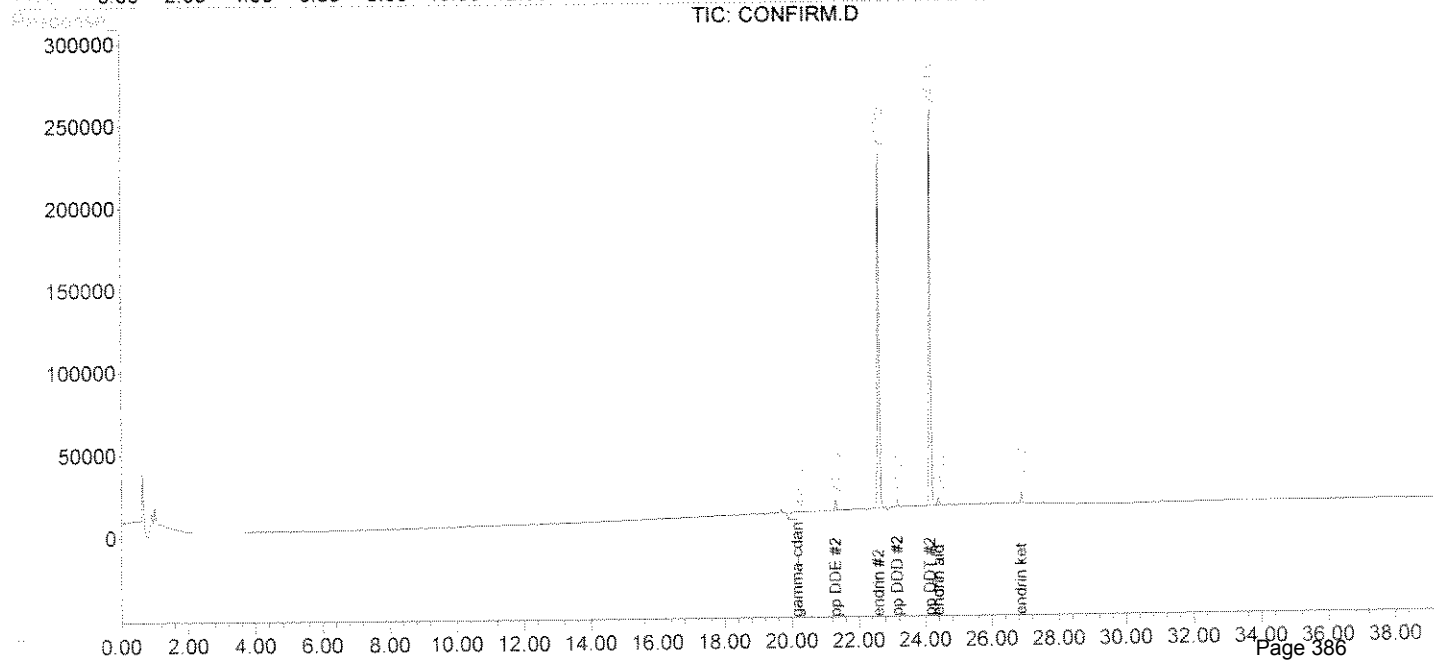
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220921.D\data.ms Vial: 1
Signal #2 : C:\SVGC2FILES\042209\04220921.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 05:35 AM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 10:32 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220930.D\data.ms Vial: 29
Signal #2 : C:\SVGC2FILES\042209\04220930.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 12:54 PM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : MultiplIr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 16:52 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
System Monitoring Compounds						
1) S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17) S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
Target Compounds						
2) alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3) lindane	0.00	0.00	0	0	N.D.	N.D.
4) heptachlor	0.00	0.00	0	0	N.D.	N.D.
5) aldrin	0.00	0.00	0	0	N.D.	N.D.
6) beta BHC	0.00	0.00	0	0	N.D.	N.D.
7) delta BHC	0.00	0.00	0	0	N.D.	N.D.
8) heptachlor epoxi	0.00	19.40f	0	63758	N.D.	0.123 #
9) endosulfan 1	18.55f	0.00	56848	0	0.120	N.D. #
10) pp DDE	18.55	21.29	10671	24640	0.022m	0.042 #
11) dieldrin	0.00	0.00	0	0	N.D.	N.D.
12) endrin	19.95	22.57	953836	910147	2.031m	1.918
13) pp DDD	20.44	23.13	7798	18410	0.019	0.040 #
14) endosulfan 2	0.00	0.00	0	0	N.D.	N.D.
15) pp DDT	21.32	24.12	882039	957165	1.922	1.886
16) endrin aldehyde	22.04	24.37	14806	16898	0.037	0.041
18) endosulfan sulfa	0.00	0.00	0	0	N.D.	N.D.
19) methoxychlor	0.00	0.00	0	0	N.D.	N.D.
20) endrin ketone	24.19	26.87	23878	29537	0.066	0.081m
21) alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22) gamma-cdane	0.00	20.15	0	204555	N.D.	0.441 #

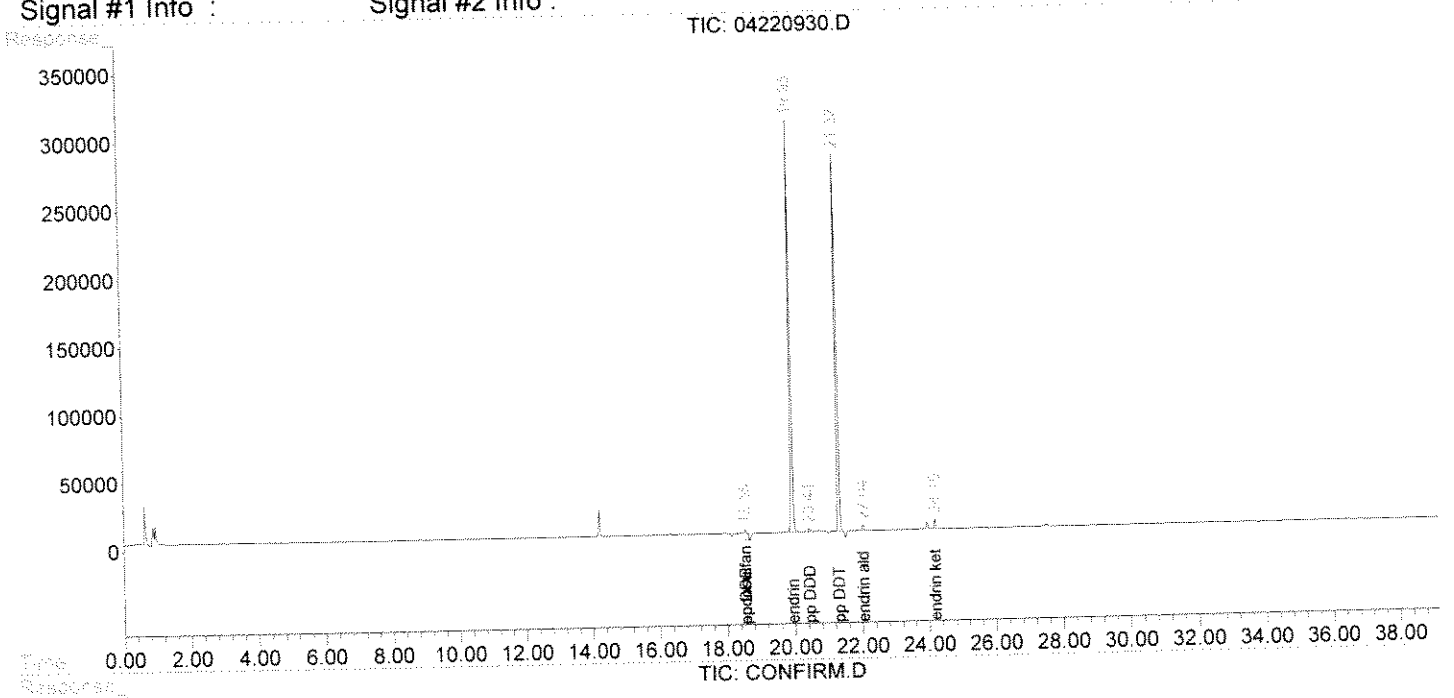
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
04220930.D RMPN0422.M Thu May 21 16:13:38 2009 SVGC3

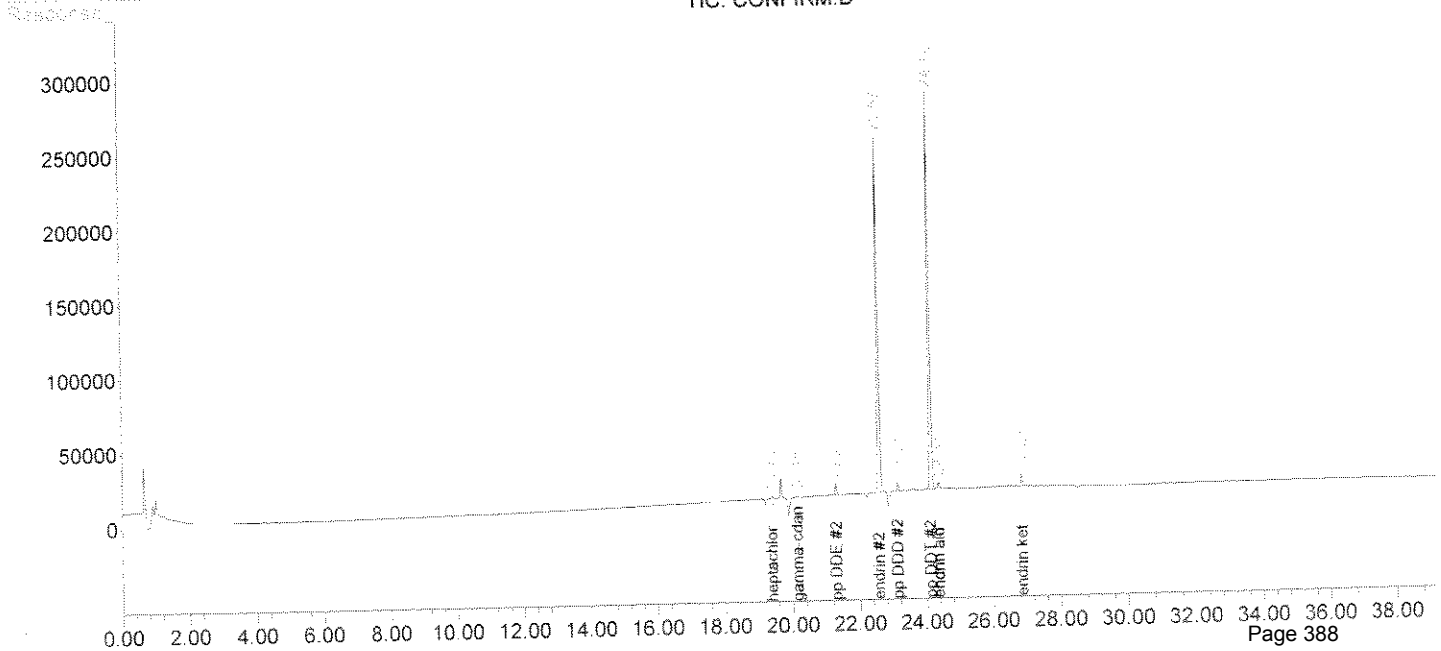
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220930.D\data.ms Vial: 29
Signal #2 : C:\SVGC2FILES\042209\04220930.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 12:54 PM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 23 16:52 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





Quantitation Report (QT Reviewed)

Signal #1 : C:\SVGC2FILES\042209\04220940.D\data.ms Vial: 39
Signal #2 : C:\SVGC2FILES\042209\04220940.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 08:08 PM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 24 9:52 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Initial Calibration
DataAcq Meth : RMPN1.MTH

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.
17)	S2 dibutyl chlorend	0.00	0.00	0	0	N.D.	N.D.
	Target Compounds						
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3)	lindane	0.00	0.00	0	0	N.D.	N.D.
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.
8)	heptachlor epoxi	0.00	19.40f	0	61469	N.D.	0.119 #
9)	endosulfan 1	18.55f	0.00	56319	0	0.119	N.D. #
10)	pp DDE	18.55	21.29	9919	20494	0.021m	0.035 #
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.
12)	endrin	19.95	22.57	930154	831492	1.981m	1.753
13)	pp DDD	20.44	23.15	8837	17030	0.021	0.037 #
14)	endosulfan 2	20.73f	0.00	6235	0	0.014	N.D. #
15)	pp DDT	21.32	24.12	866841	849754	1.888	1.675
16)	endrin aldehyde	22.04	24.37	15755	16118	0.040	0.039
18)	endosulfan sulfa	0.00	0.00	0	0	N.D.	N.D.
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.
20)	endrin ketone	24.19	26.85f	24159	30421	0.067	0.084m#
21)	alpha-cdane	0.00	0.00	0	0	N.D.	N.D.
22)	gamma-cdane	0.00	20.15	0	166141	N.D.	0.358 #

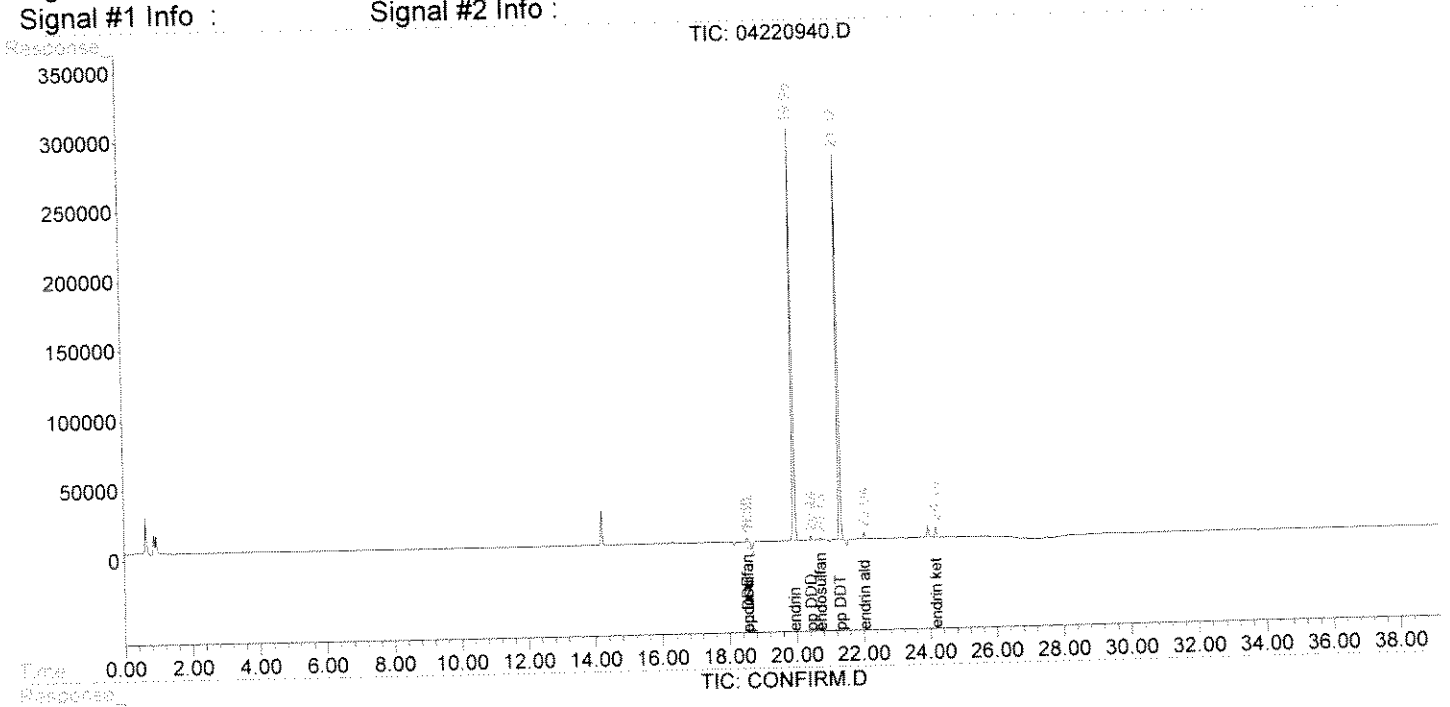
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

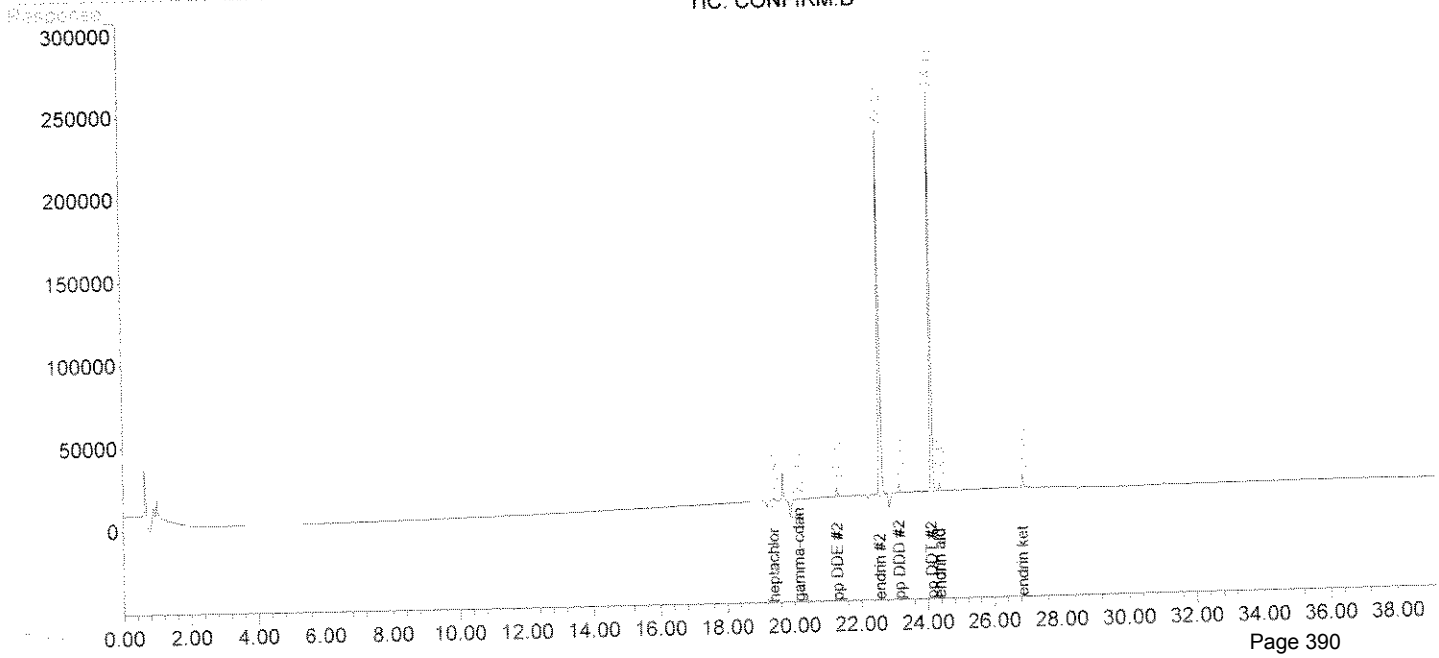
Quantitation Report

Signal #1 : C:\SVGC2FILES\042209\04220940.D\data.ms Vial: 39
Signal #2 : C:\SVGC2FILES\042209\04220940.D\CONFIRM.D\data.ms
Acq On : 23 Apr 2009 08:08 PM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
IntFile Signal #1: rteint.p IntFile Signal #2: rteint2.p
Quant Time: Apr 24 9:52 2009 Quant Results File: RMPN0422.RES

Quant Method : C:\SVGC2METH\RMPN0422.M (RTE Integrator)
Title : Restek 608 pesticides
Last Update : Thu Apr 23 10:24:45 2009
Response via : Single Level Calibration
DataAcq Meth : RMPN1.MTH

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





PESTICIDES ANALYTICAL SEQUENCE

Surrogate RT from initial cal. Dibutyl chlorendate : 24.33			
Lab No	Date analyzed	Time analyzed	DBC # RT
Endrin & ppDDT	4/22/09	1507	
Pesticides Mix 0.05 ppb	4/22/09	1550	
Pesticides Mix 0.4 ppb	4/22/09	1634	
Pesticides Mix 0.8 ppb	4/22/09	1717	
Pesticides Mix 1.2 ppb	4/22/09	1801	
Pesticides Mix 1.6 ppb	4/22/09	1844	
Pesticides Mix 2.0 ppb	4/22/09	1927	
surrogate standard	4/22/09	2011	24.35
Chlordane 0.2 ppb	4/22/09	2054	
Toxaphene 1.0 ppb	4/22/09	2138	
Method Blank x1	4/22/09	2221	24.33
Pest LCS NC x1	4/22/09	2305	24.33
291475.03 NC x1MS	4/22/09	2348	24.33
291475.05 NC x1MSD	4/23/09	0031	24.33
291475.01 NC x1	4/23/09	0115	24.33
291475.07 NC x1	4/23/09	0158	24.33
291475.09 NC x1	4/23/09	0241	24.33
291475.11 NC x1	4/23/09	0325	24.33
Pesticides Reference	4/23/09	0408	
TAGM 0.1 ppb	4/23/09	0452	
Endrin & ppDDT	4/23/09	0535	
291475.13 NC x1	4/23/09	0618	24.33
291475.15 NC x1	4/23/09	0702	24.33
291489.01 NC x1	4/23/09	0745	24.33
291489.02 NC x1	4/23/09	0828	24.33
291490.01 NC x1	4/23/09	0912	24.33
291490.03 NC x1	4/23/09	0955	24.33
TAGM 0.4 ppb	4/23/09	1038	
Pesticides Mix 1.2 ppb	4/23/09	1211	
Endrin & ppDDT	4/23/09	1254	
Aroclor 1221 1.0ppb	4/23/09	1337	
Aroclor 1016/1260 1.0ppb	4/23/09	1421	
291514.02 NC x1	4/23/09	1504	24.33
291494.05 NC x1	4/23/09	1548	24.33
291536.01 NC x1	4/23/09	1631	24.33
291536.03 NC x1	4/23/09	1714	24.33
Aroclor 1254 1.0ppb	4/23/09	1758	
Aroclor 1232 1.0ppb	4/23/09	1841	
Pesticides Mix 1.6 ppb	4/23/09	1925	
Endrin & ppDDT	4/23/09	2008	

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220901.D Vial: 1
Signal #2 : C:\HPCHEM\5\DATA\042209\04220901.D\CONFIRM.D
Acq On : 22 Apr 09 03:07 PM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 15:48 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	18.55	0.00	13030	0	N.D.	N.D.	
10)	pp DDE	18.55f	21.29	13030	34359	N.D.	0.05	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	19.96	22.59	951584	1164886	2.13	3.01	#
13)	pp DDD	20.45	0.00	2178	0	N.D.	N.D.	
14)	endosulfan 2	20.76f	0.00	835	0	N.D.	N.D.	
15)	pp DDT	21.32	24.12	923895	1273869	1.75	3.69	#
16)	endrin aldehyde	22.04	0.00	6326	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.	

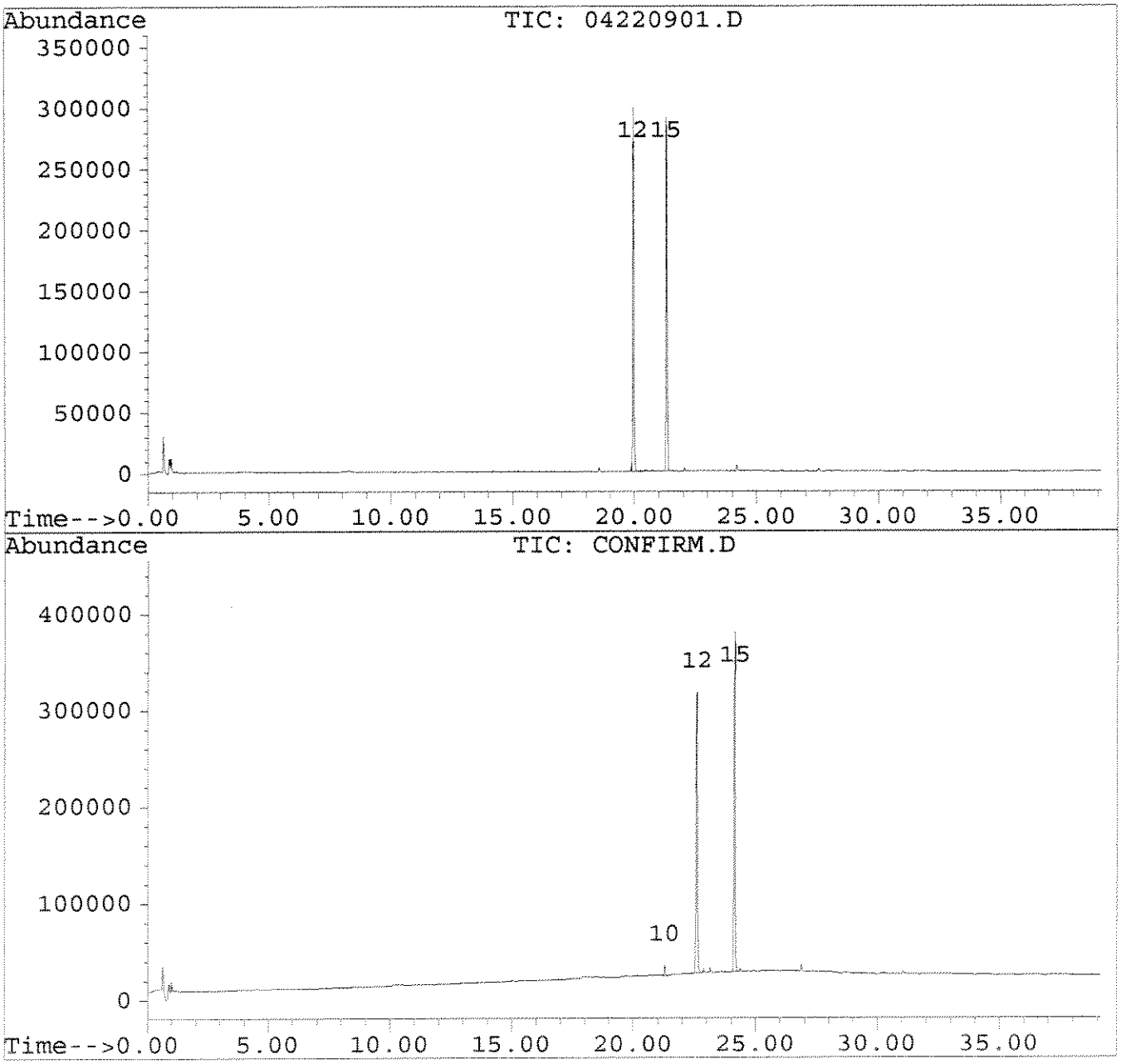
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220901.D Vial: 1
Signal #2 : C:\HPCHEM\5\DATA\042209\04220901.D\CONFIRM.D
Acq On : 22 Apr 09 03:07 PM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 15:48 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220902.D Vial: 2
Signal #2 : C:\HPCHEM\5\DATA\042209\04220902.D\CONFIRM.D
Acq On : 22 Apr 09 03:50 PM Operator: GW
Sample : rmp 0.05 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 16:31 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	11.17	13.39	27932	30522	0.02	0.03	#
3)	lindane	12.40	14.77	28545	29024	0.02	0.02	
4)	heptachlor	14.09	16.35	35530	43238	N.D.	N.D.	
5)	aldrin	15.11	17.45	28410	27659	0.02	0.04	#
6)	beta BHC	12.81	15.17	17159	13075	N.D.	N.D.	
7)	delta BHC	13.40	16.21	25478	24775	0.02	0.01	#
8)	heptachlor epoxide	17.23	19.47	31582	26524	N.D.	0.05	
9)	endosulfan 1	18.55	20.72	25635	25531	N.D.	0.01	
10)	pp DDE	18.47	21.29	31743	44042	0.02	0.07	#
11)	dieldrin	19.25	21.63	28302	27585	0.02	0.02	
12)	endrin	19.96	22.57	26822	23149	0.03	N.D.	#
13)	pp DDD	20.45	23.15	20802	14978	0.01	N.D.	#
14)	endosulfan 2	20.68	23.28	31163	37869	N.D.	0.04	
15)	pp DDT	21.32	24.12	25710	33405	0.01	0.04	#
16)	endrin aldehyde	22.04	24.39	24834	29382	N.D.	N.D.	
18)	endosulfan sulfate	23.39	25.25	30288	16898	N.D.	N.D.	
19)	methoxychlor	23.01	26.37	19690	2234	0.00	N.D.	#

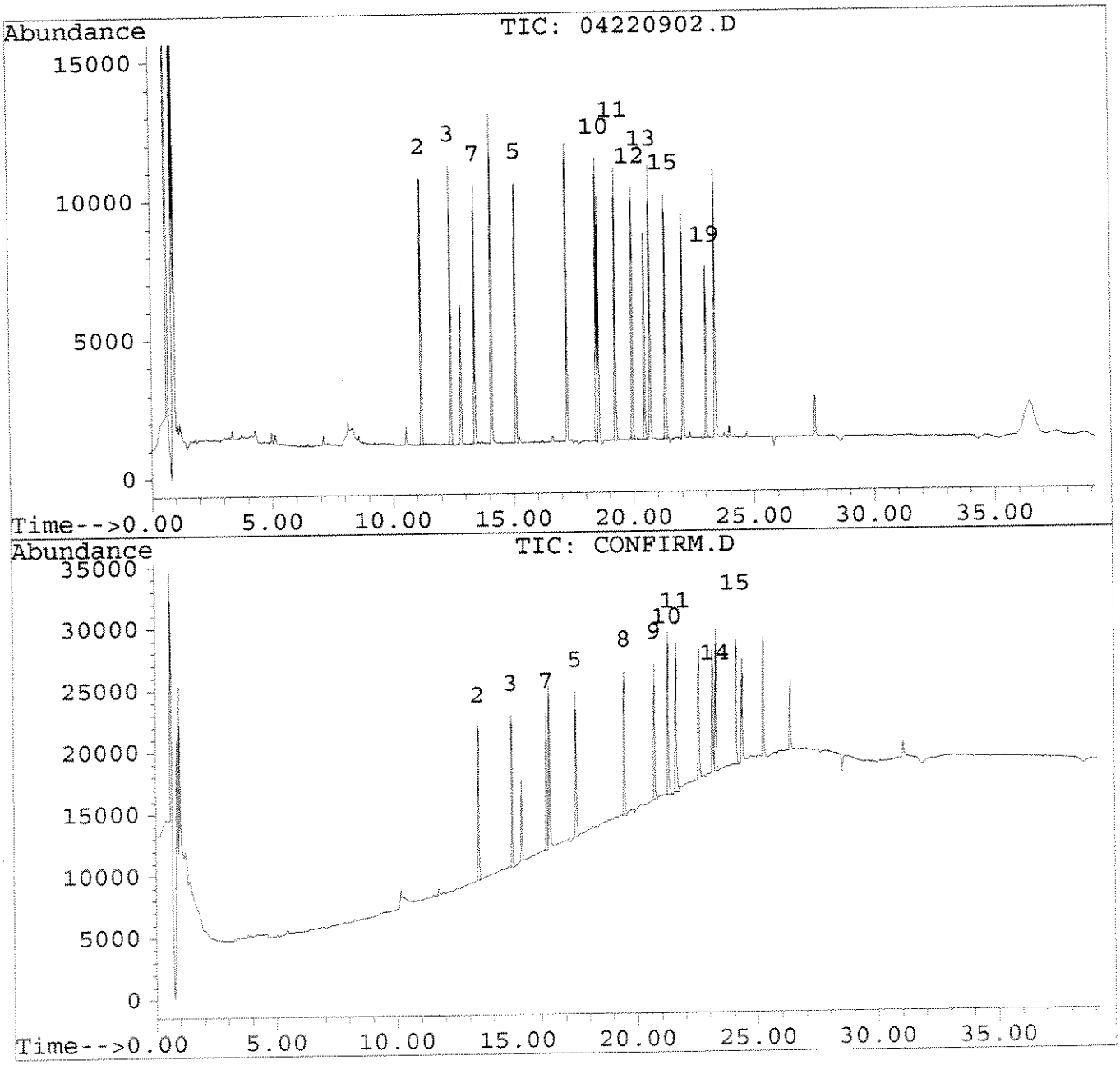
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220902.D Vial: 2
Signal #2 : C:\HPCHEM\5\DATA\042209\04220902.D\CONFIRM.D
Acq On : 22 Apr 09 03:50 PM Operator: GW
Sample : rmp 0.05 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 16:31 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220903.D Vial: 3
Signal #2 : C:\HPCHEM\5\DATA\042209\04220903.D\CONFIRM.D
Acq On : 22 Apr 09 04:34 PM Operator: GW
Sample : rmp 0.4 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 17:15 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	11.19	13.40	245395	286116	0.29	0.44	#
3)	lindane	12.40	14.77	233969	274040	0.30	0.46	#
4)	heptachlor	14.09	16.35	250890	280882	0.35	0.53	#
5)	aldrin	15.11	17.45	227055	267205	0.31	0.50	#
6)	beta BHC	12.81	15.17	118944	140125	0.30	0.47	#
7)	delta BHC	13.40	16.23	225714	259070	0.29	0.44	#
8)	heptachlor epoxide	17.23	19.47	225427	250602	0.32	0.54	#
9)	endosulfan 1	18.55	20.73	205269	247459	0.32	0.51	#
10)	pp DDE	18.47	21.29	197028	286404	0.28	0.59	#
11)	dieldrin	19.25	21.63	220465	264434	0.40	0.54	#
12)	endrin	19.96	22.59	208974	231010	0.44	0.53	
13)	pp DDD	20.45	23.15	178503	201934	0.37	0.56	#
14)	endosulfan 2	20.68	23.28	214486	241448	0.32	0.53	#
15)	pp DDT	21.32	24.12	199068	239026	0.35	0.65	#
16)	endrin aldehyde	22.04	24.39	178874	195593	0.37	0.49	#
18)	endosulfan sulfate	23.39	25.27	209962	215361	0.32	0.51	#
19)	methoxychlor	23.01	26.37	127384	108397	0.46	0.62	#

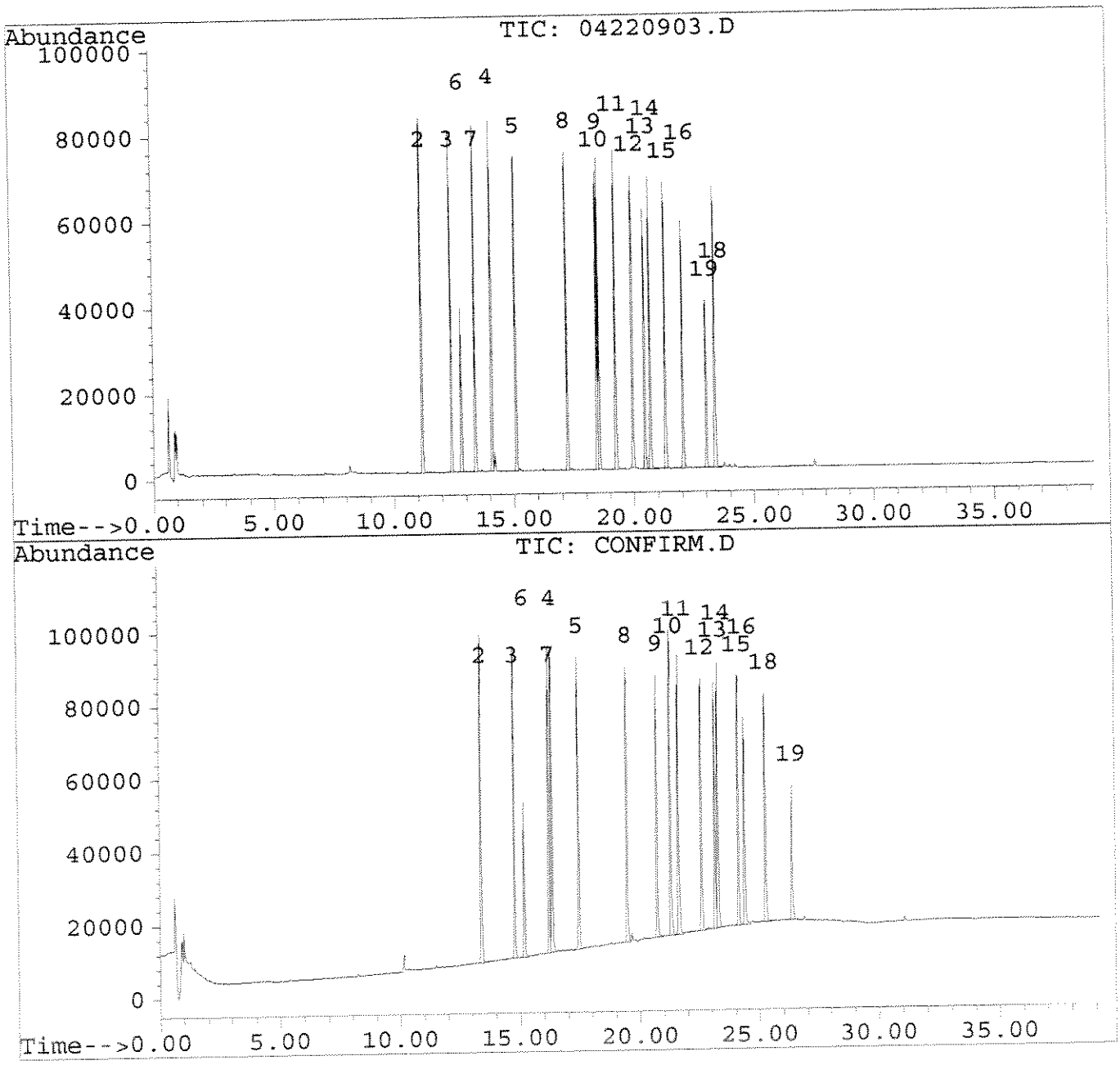
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220903.D Vial: 3
Signal #2 : C:\HPCHEM\5\DATA\042209\04220903.D\CONFIRM.D
Acq On : 22 Apr 09 04:34 PM Operator: GW
Sample : rmp 0.4 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 17:15 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220904.D Vial: 4
Signal #2 : C:\HPCHEM\5\DATA\042209\04220904.D\CONFIRM.D
Acq On : 22 Apr 09 05:17 PM Operator: GW
Sample : rmp 0.8 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 17:58 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	11.19	13.40	483058	550209	0.58	0.86	#
3)	lindane	12.40	14.77	453646	524635	0.60	0.91	#
4)	heptachlor	14.09	16.35	477194	517518	0.73	1.16	#
5)	aldrin	15.09	17.45	442067	487476	0.62	0.92	#
6)	beta BHC	12.81	15.17	220886	262874	0.62	0.96	#
7)	delta BHC	13.40	16.23	449396	504430	0.59	0.89	#
8)	heptachlor epoxide	17.23	19.47	430845	473957	0.67	1.03	#
9)	endosulfan 1	18.55	20.73	411238	456882	0.70	0.98	#
10)	pp DDE	18.47	21.29	370786	524446	0.55	1.09	#
11)	dieldrin	19.25	21.63	430146	467701	0.80	0.98	
12)	endrin	19.96	22.59	405014	426948	0.89	1.05	
13)	pp DDD	20.45	23.15	349914	389139	0.76	1.13	#
14)	endosulfan 2	20.68	23.28	404334	447835	0.66	1.02	#
15)	pp DDT	21.32	24.13	391159	448238	0.72	1.26	#
16)	endrin aldehyde	22.04	24.39	344691	365563	0.82	1.04	#
18)	endosulfan sulfate	23.39	25.27	400675	420087	0.67	1.08	#
19)	methoxychlor	23.01	26.37	233250	222156	0.91	1.37	#

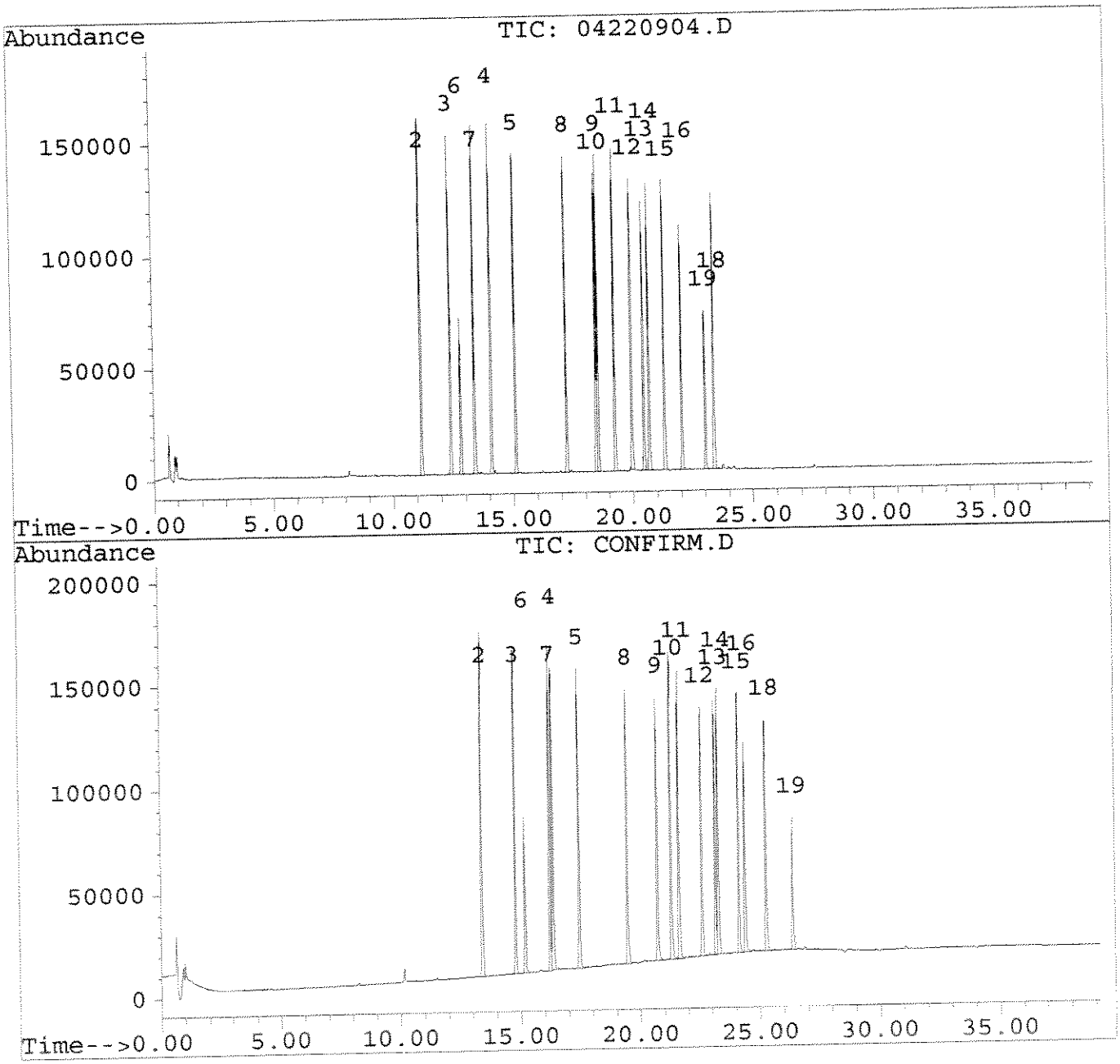
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220904.D Vial: 4
Signal #2 : C:\HPCHEM\5\DATA\042209\04220904.D\CONFIRM.D
Acq On : 22 Apr 09 05:17 PM Operator: GW
Sample : rmp 0.8 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 17:58 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220905.D Vial: 5
Signal #2 : C:\HPCHEM\5\DATA\042209\04220905.D\CONFIRM.D
Acq On : 22 Apr 09 06:01 PM Operator: GW
Sample : rmp 1.2 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 18:41 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

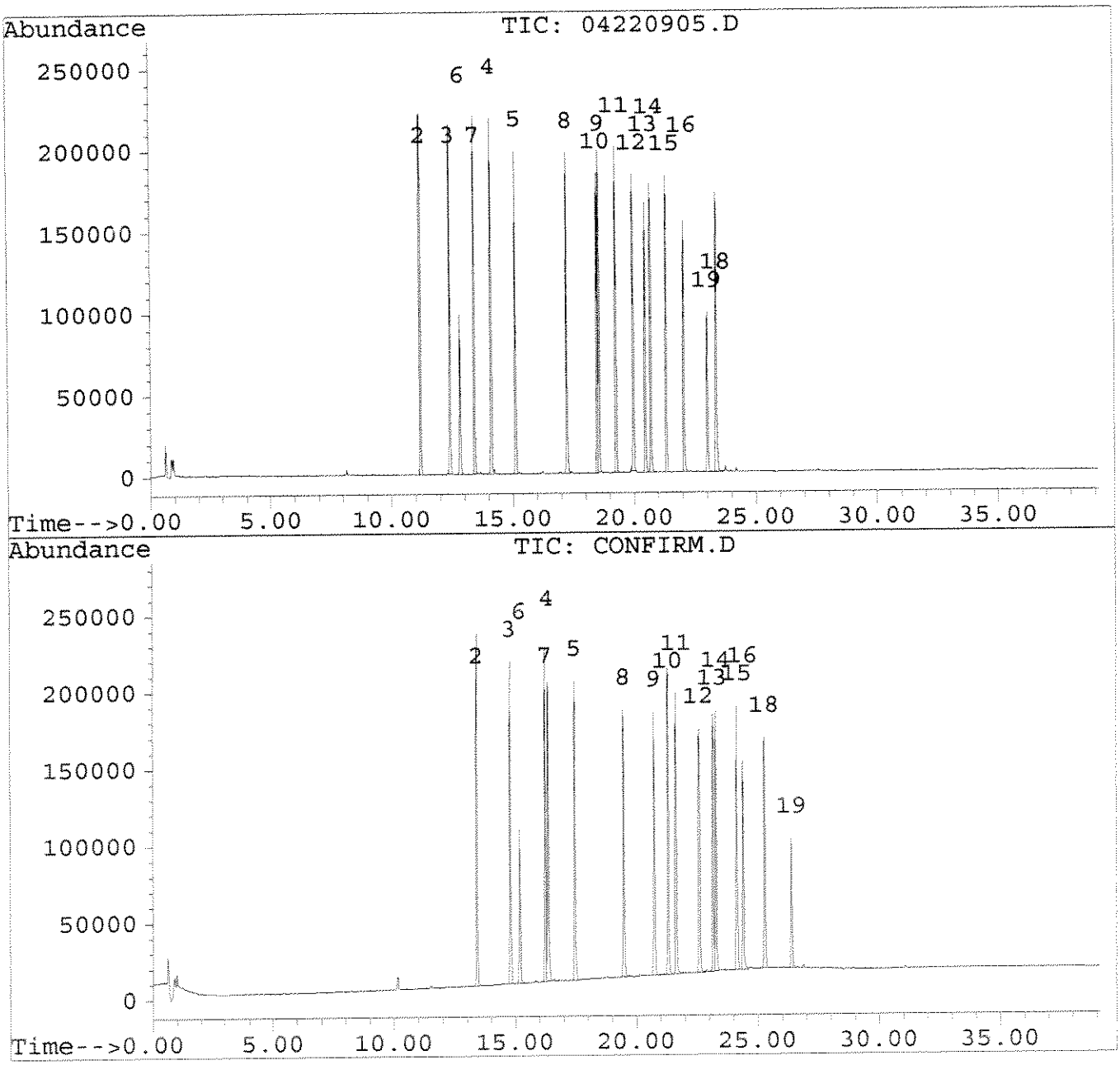
	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	11.19	13.40	683872	769056	0.82	1.21	#
3)	lindane	12.40	14.77	638829	730782	0.86	1.28	#
4)	heptachlor	14.09	16.35	667409	704518	1.05	1.67	#
5)	aldrin	15.11	17.45	622208	674124	0.87	1.28	#
6)	beta BHC	12.81	15.17	306460	363336	0.89	1.37	#
7)	delta BHC	13.40	16.23	639181	705180	0.85	1.26	#
8)	heptachlor epoxide	17.23	19.47	603078	630657	0.97	1.37	#
9)	endosulfan 1	18.55	20.73	579479	622384	1.01	1.35	#
10)	pp DDE	18.47	21.29	512502	719038	0.77	1.51	#
11)	dieldrin	19.25	21.63	605820	653509	1.14	1.38	
12)	endrin	19.96	22.59	566606	580605	1.26	1.45	
13)	pp DDD	20.45	23.15	497158	542957	1.09	1.59	#
14)	endosulfan 2	20.68	23.28	563963	630005	0.95	1.45	#
15)	pp DDT	21.32	24.13	549993	620234	1.03	1.77	#
16)	endrin aldehyde	22.04	24.39	482909	514845	1.20	1.52	#
18)	endosulfan sulfate	23.39	25.27	562766	553028	0.96	1.44	#
19)	methoxychlor	23.01	26.37	317430	281958	1.27	1.76	#

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220905.D Vial: 5
Signal #2 : C:\HPCHEM\5\DATA\042209\04220905.D\CONFIRM.D
Acq On : 22 Apr 09 06:01 PM Operator: GW
Sample : rmp 1.2 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 18:41 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220906.D Vial: 6
Signal #2 : C:\HPCHEM\5\DATA\042209\04220906.D\CONFIRM.D
Acq On : 22 Apr 09 06:44 PM Operator: GW
Sample : rmp 1.6 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 19:25 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	11.17	13.40	896021	1005339	1.08	1.59	#
3)	lindane	12.40	14.77	833321	957088	1.13	1.68	#
4)	heptachlor	14.09	16.35	867313	903805	1.39	2.20	#
5)	aldrin	15.09	17.45	814360	876033	1.15	1.66	#
6)	beta BHC	12.80	15.17	396274	471594	1.17	1.80	#
7)	delta BHC	13.40	16.23	838792	929182	1.12	1.67	#
8)	heptachlor epoxide	17.23	19.47	783799	807006	1.28	1.75	#
9)	endosulfan 1	18.55	20.73	752113	793602	1.33	1.74	#
10)	pp DDE	18.47	21.29	680732	921818	1.04	1.94	#
11)	dieldrin	19.25	21.63	791631	820054	1.50	1.74	
12)	endrin	19.96	22.59	739305	747260	1.65	1.90	
13)	pp DDD	20.45	23.15	651054	704596	1.44	2.08	#
14)	endosulfan 2	20.68	23.28	727712	778273	1.25	1.80	#
15)	pp DDT	21.32	24.12	719737	800828	1.36	2.30	#
16)	endrin aldehyde	22.04	24.39	631193	651887	1.60	1.96	
18)	endosulfan sulfate	23.39	25.27	730330	723586	1.26	1.91	#
19)	methoxychlor	23.00	26.37	406096	376937	1.65	2.39	#

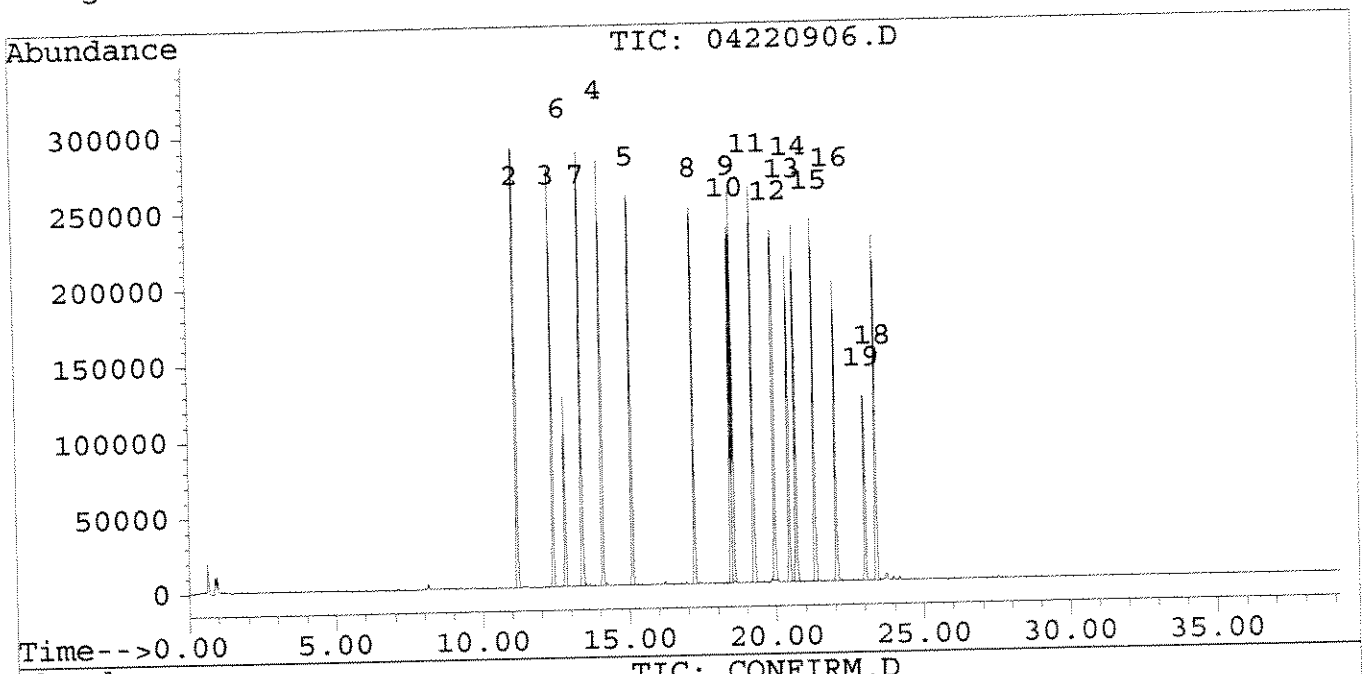
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

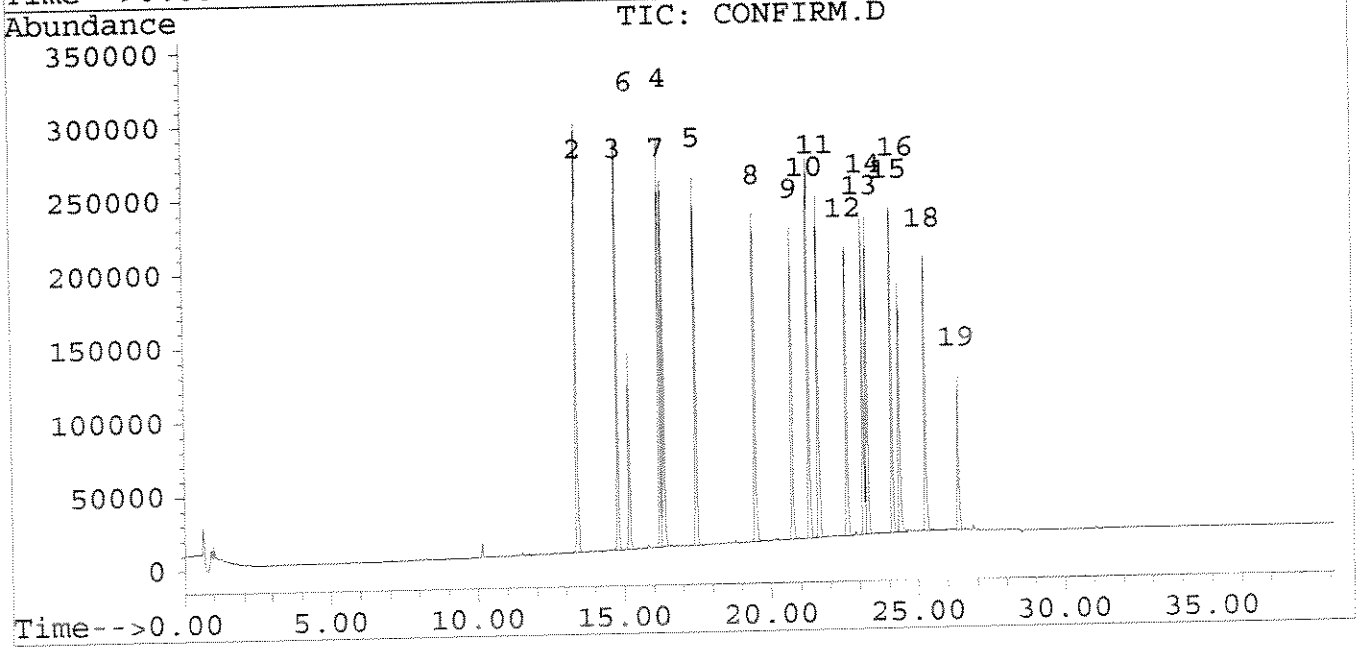
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220906.D Vial: 6
Signal #2 : C:\HPCHEM\5\DATA\042209\04220906.D\CONFIRM.D
Acq On : 22 Apr 09 06:44 PM Operator: GW
Sample : rmp 1.6 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 19:25 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220907.D Vial: 7
Signal #2 : C:\HPCHEM\5\DATA\042209\04220907.D\CONFIRM.D
Acq On : 22 Apr 09 07:27 PM Operator: GW
Sample : rmp 2.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 20:08 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	11.19	13.40	1115317	1244278	1.35	1.97	#
3)	lindane	12.40	14.77	1036665	1177936	1.41	2.08	#
4)	heptachlor	14.09	16.35	1080449	1102081	1.75	2.73	#
5)	aldrin	15.09	17.45	1019143	1079554	1.44	2.05	#
6)	beta BHC	12.81	15.17	488241	577013	1.46	2.23	#
7)	delta BHC	13.40	16.23	1044765	1138405	1.40	2.05	#
8)	heptachlor epoxide	17.23	19.47	977102	983794	1.61	2.14	#
9)	endosulfan 1	18.55	20.73	951495	982214	1.70	2.16	#
10)	pp DDE	18.47	21.29	838186	1140007	1.29	2.40	#
11)	dieldrin	19.25	21.63	993967	1016874	1.89	2.16	
12)	endrin	19.96	22.59	923146	908066	2.07	2.33	
13)	pp DDD	20.45	23.15	817746	867233	1.82	2.57	#
14)	endosulfan 2	20.68	23.28	903018	963091	1.57	2.24	#
15)	pp DDT	21.32	24.13	912145	992750	1.73	2.86	#
16)	endrin aldehyde	22.04	24.39	780271	791790	2.01	2.41	
18)	endosulfan sulfate	23.39	25.27	906157	865038	1.57	2.31	#
19)	methoxychlor	23.01	26.37	495039	451342	2.03	2.88	#

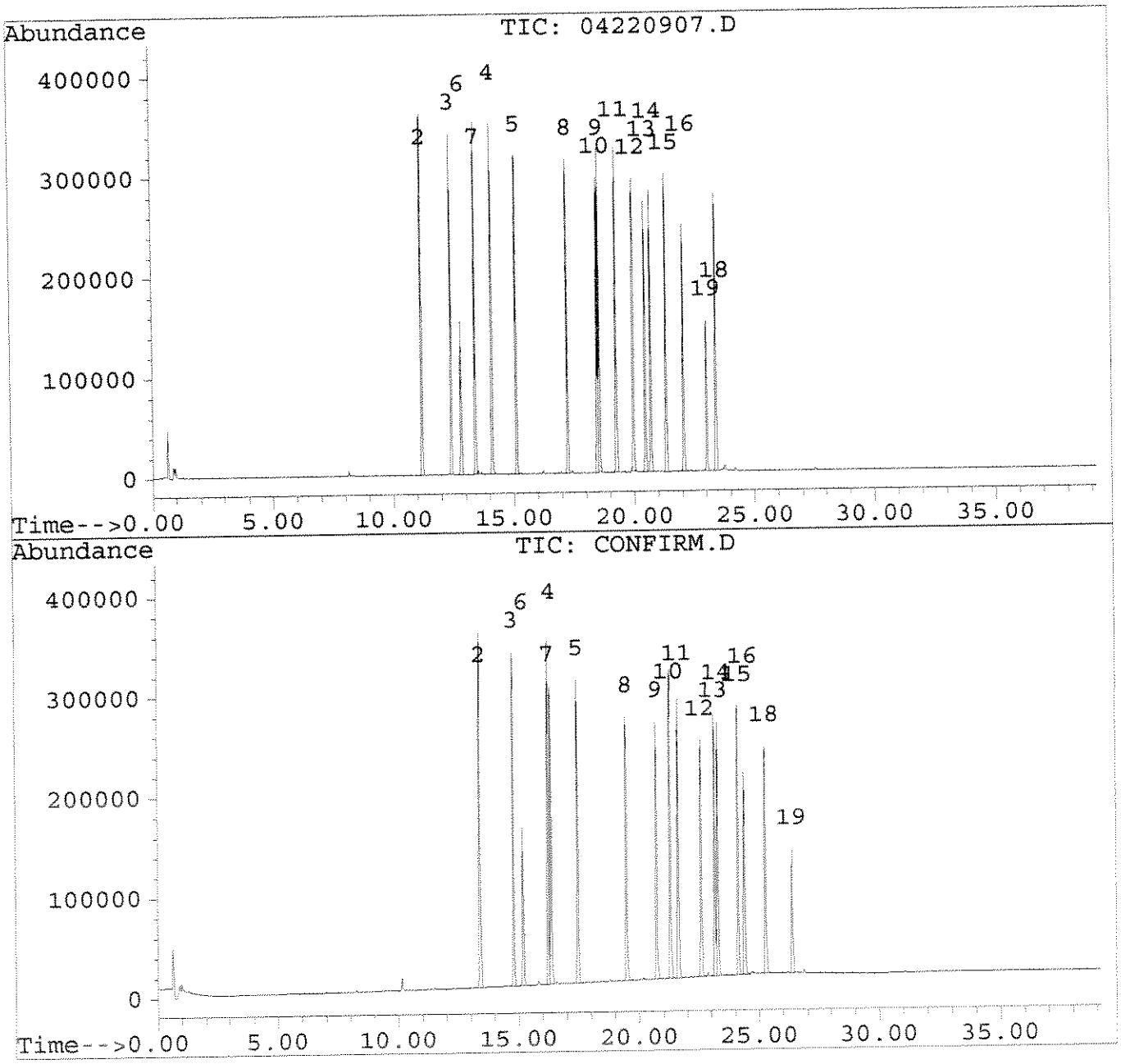
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220907.D Vial: 7
Signal #2 : C:\HPCHEM\5\DATA\042209\04220907.D\CONFIRM.D
Acq On : 22 Apr 09 07:27 PM Operator: GW
Sample : rmp 2.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 20:08 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220908.D Vial: 8
Signal #2 : C:\HPCHEM\5\DATA\042209\04220908.D\CONFIRM.D
Acq On : 22 Apr 09 08:11 PM Operator: GW
Sample : surrogate std Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 20:52 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	664733	795382	65.49	90.00	#
17)	S2 dibutyl chlorendate	24.35	26.73	748003	697249	84.39	117.84	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	23.39	0.00	274	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.31f	0	22421	N.D.	0.05	#

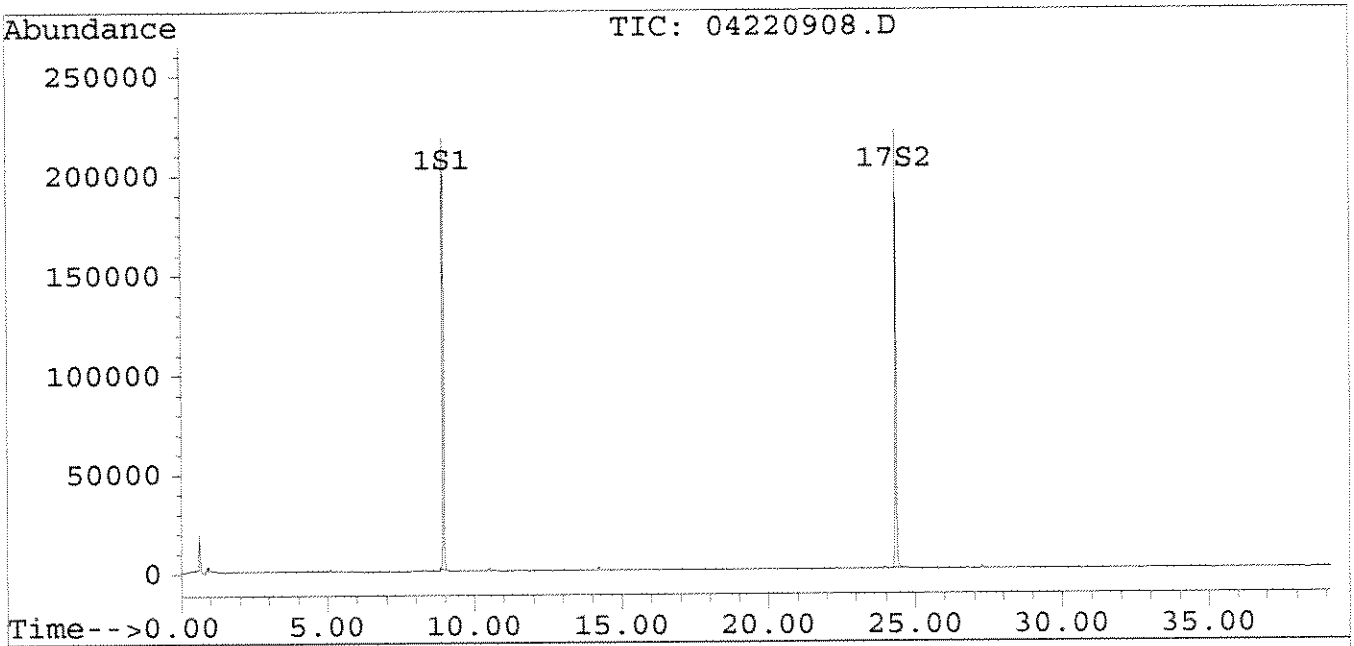
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

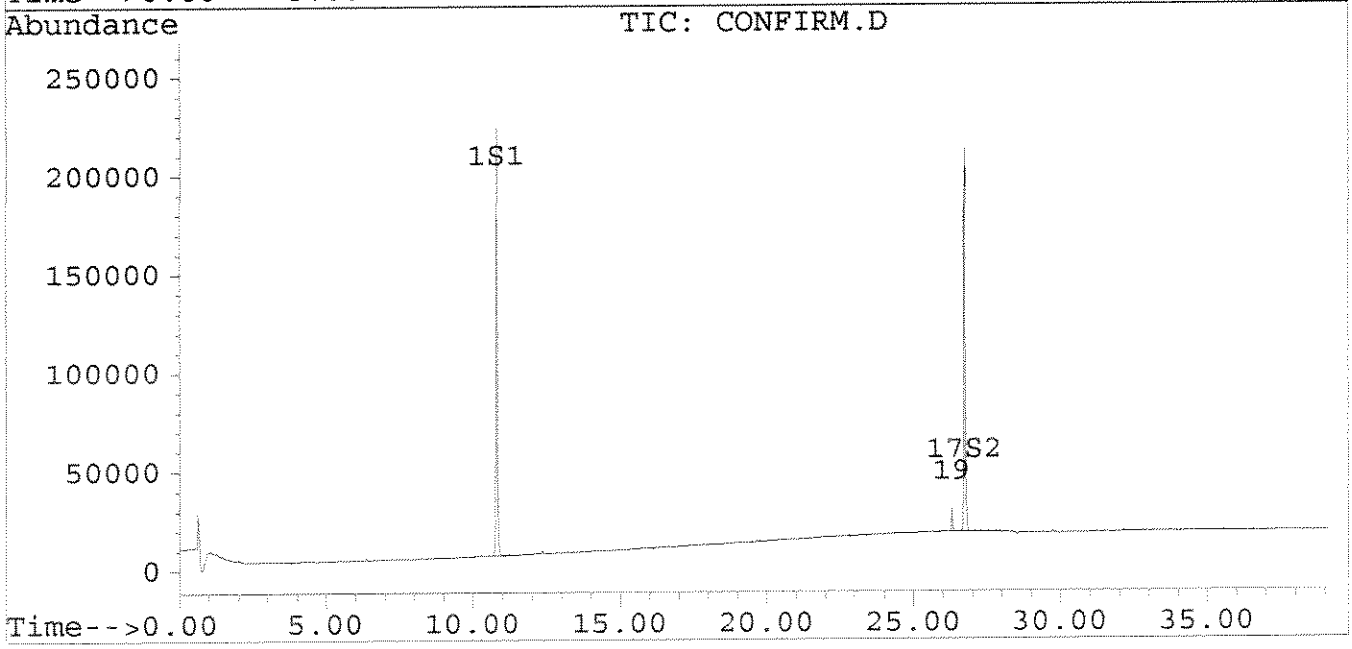
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220908.D Vial: 8
Signal #2 : C:\HPCHEM\5\DATA\042209\04220908.D\CONFIRM.D
Acq On : 22 Apr 09 08:11 PM Operator: GW
Sample : surrogate std Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 20:52 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220909.D Vial: 9
Signal #2 : C:\HPCHEM\5\DATA\042209\04220909.D\CONFIRM.D
Acq On : 22 Apr 09 08:54 PM Operator: GW
Sample : cdane 0.2 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 21:35 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.
	Target Compounds						
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3)	lindane	0.00	0.00	0	0	N.D.	N.D.
4)	heptachlor	14.09	0.00	5528	0	N.D.	N.D.
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.
12)	endrin	0.00	0.00	0	0	N.D.	N.D.
13)	pp DDD	20.45	0.00	3398	0	N.D.	N.D.
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.

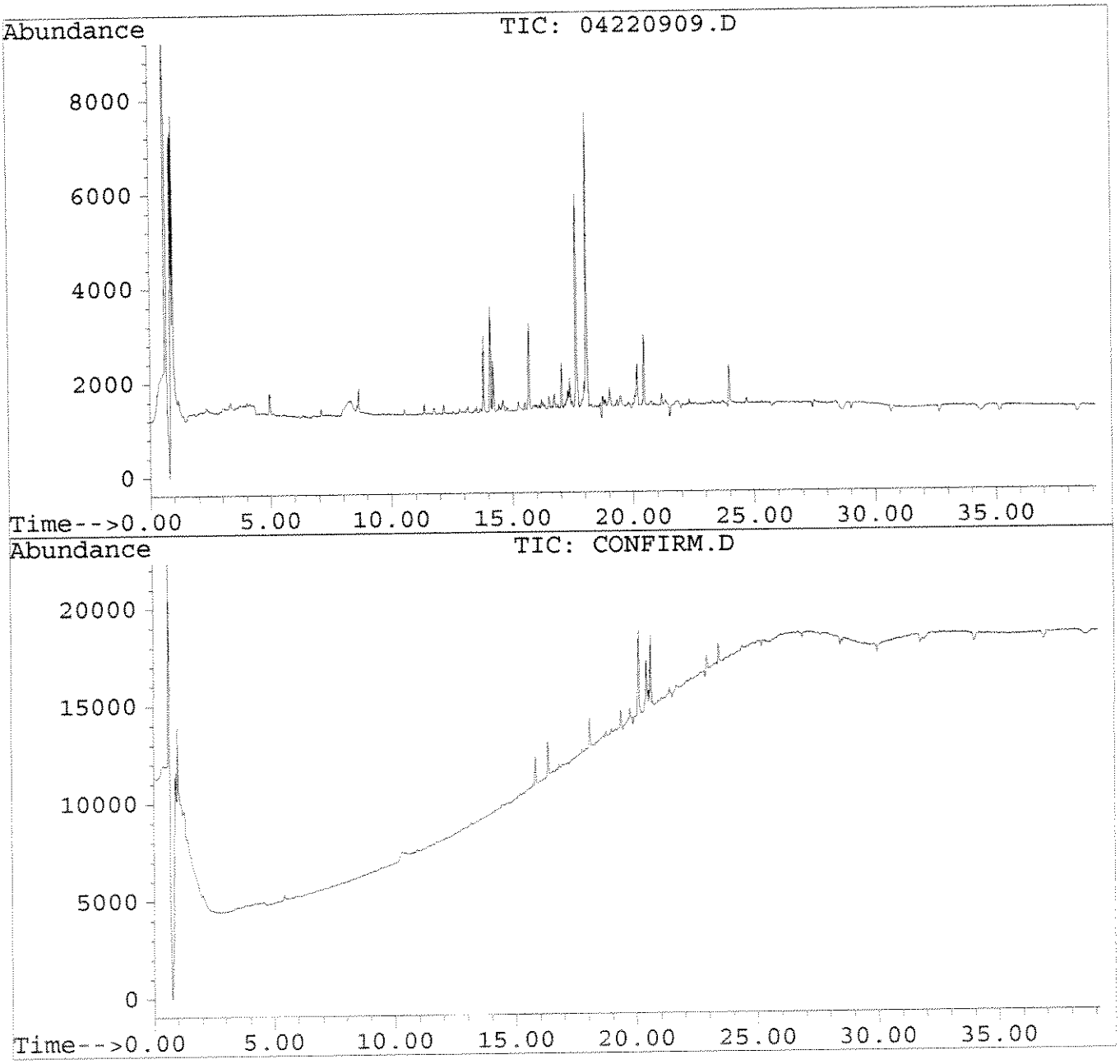
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220909.D Vial: 9
Signal #2 : C:\HPCHEM\5\DATA\042209\04220909.D\CONFIRM.D
Acq On : 22 Apr 09 08:54 PM Operator: GW
Sample : cdane 0.2 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 21:35 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220910.D Vial: 10
Signal #2 : C:\HPCHEM\5\DATA\042209\04220910.D\CONFIRM.D
Acq On : 22 Apr 09 09:38 PM Operator: GW
Sample : tox 1.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 22:19 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	24.29f	0.00	714	0	0.08	N.D.	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	19.25	0.00	4562	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	20.69	0.00	2243	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	21.95f	0.00	8764	0	N.D.	N.D.	
18)	endosulfan sulfate	23.31f	0.00	18898	0	N.D.	N.D.	
19)	methoxychlor	23.03	0.00	23050	0	0.02	N.D.	#

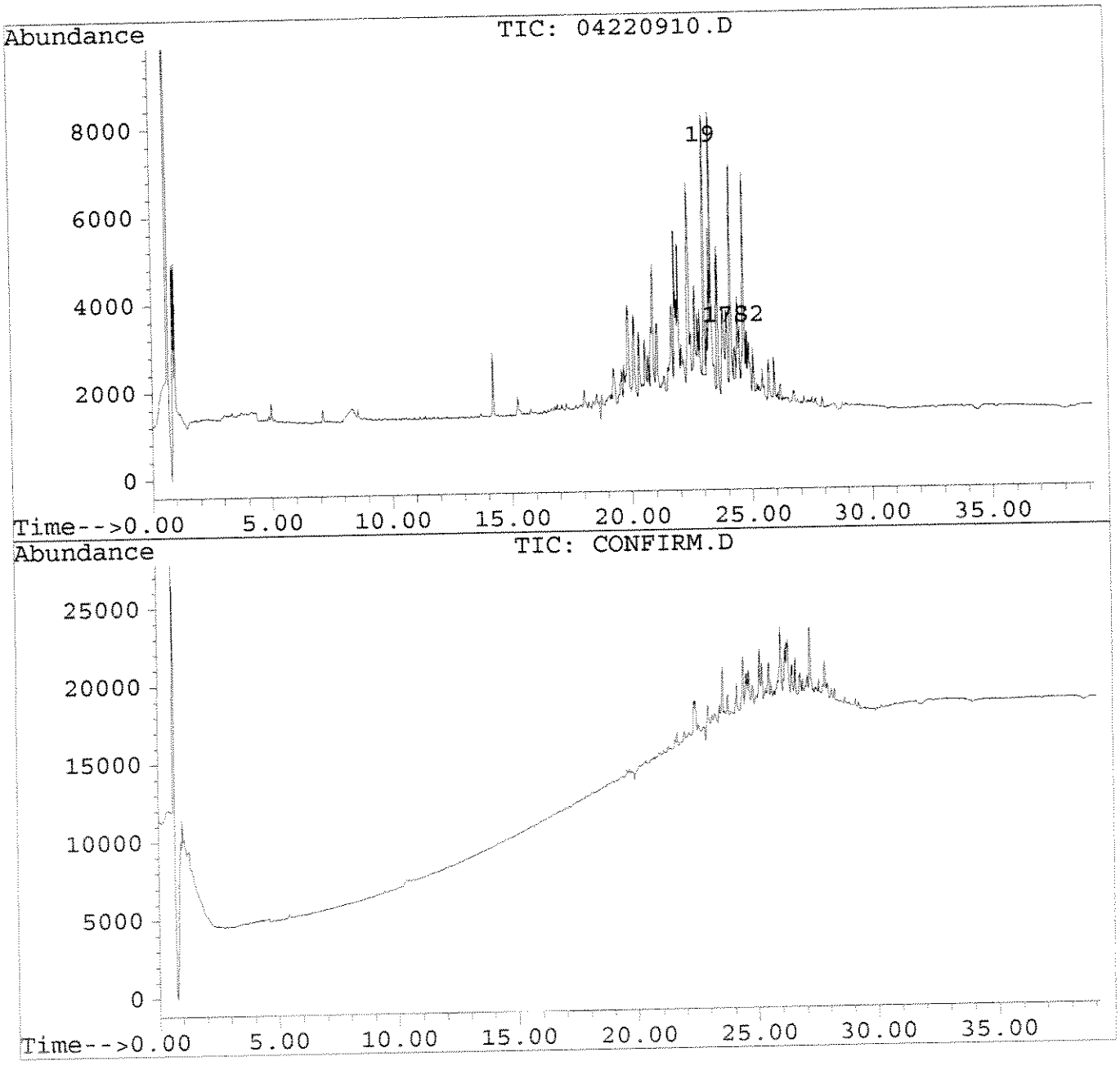
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220910.D Vial: 10
Signal #2 : C:\HPCHEM\5\DATA\042209\04220910.D\CONFIRM.D
Acq On : 22 Apr 09 09:38 PM Operator: GW
Sample : tox 1.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 22 22:19 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220911.D Vial: 11
Signal #2 : C:\HPCHEM\5\DATA\042209\04220911.D\CONFIRM.D
Acq On : 22 Apr 09 10:21 PM Operator: GW
Sample : met blank x1 Inst : SVGC2
Misc : 04/22/09 Multiplr: 1.00
Quant Time: Apr 22 23:02 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	641230	759866	63.17	85.98	#
17)	S2 dibutyl chlorendate	24.33	26.73	848778	795414	95.76	134.44	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	15.20f	0.00	11215	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.45f	0	73191	N.D.	0.38	#

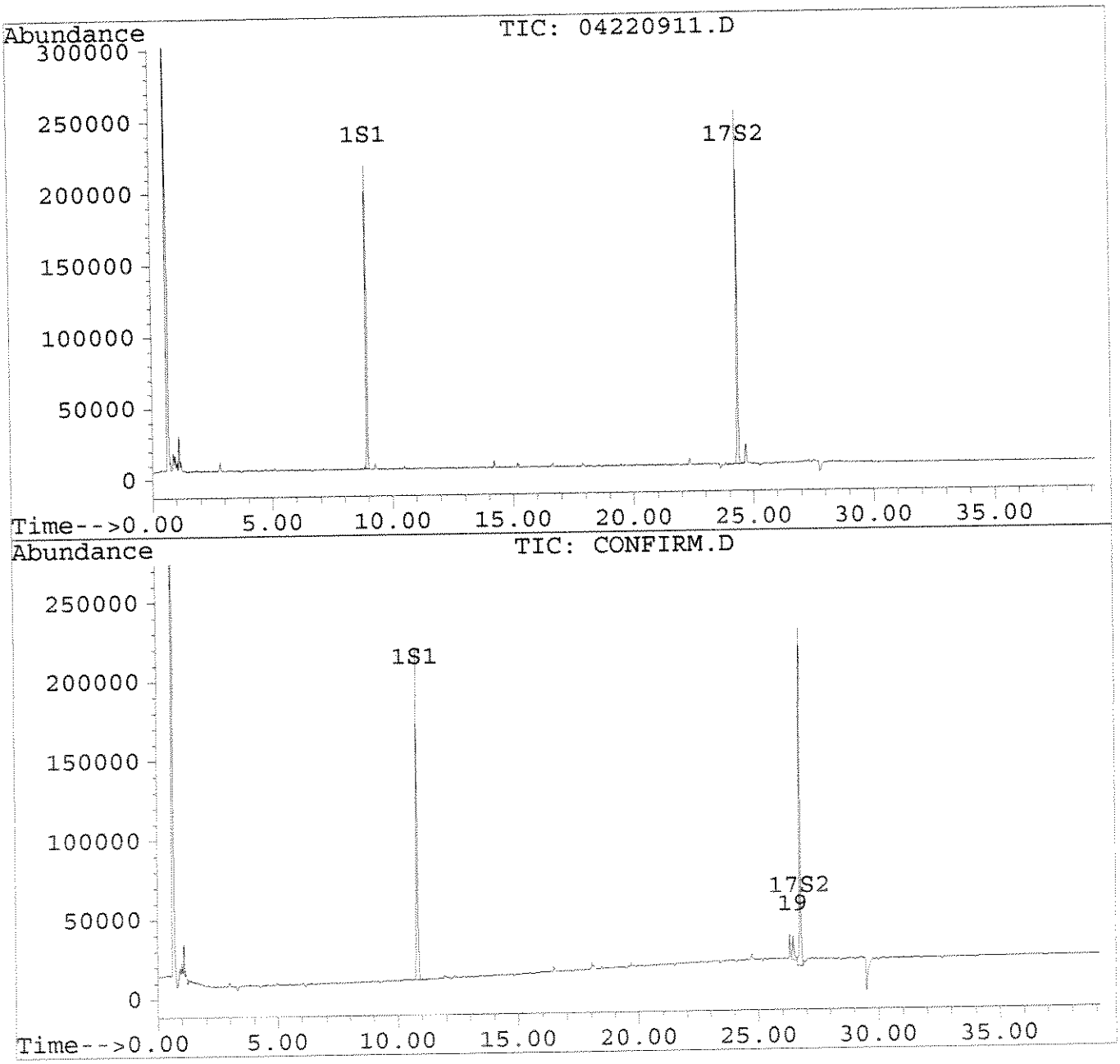
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220911.D Vial: 11
Signal #2 : C:\HPCHEM\5\DATA\042209\04220911.D\CONFIRM.D
Acq On : 22 Apr 09 10:21 PM Operator: GW
Sample : met blank x1 Inst : SVGC2
Misc : 04/22/09 Multiplr: 1.00
Quant Time: Apr 22 23:02 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220912.D Vial: 12
Signal #2 : C:\HPCHEM\5\DATA\042209\04220912.D\CONFIRM.D
Acq On : 22 Apr 09 11:05 PM Operator: GW
Sample : pest LCS NC x1 Inst : SVGC2
Misc : 1.0 rmp Multiplr: 1.00
Quant Time: Apr 22 23:45 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	655300	770650	64.56	87.20	#
17)	S2 dibutyl chlorendate	24.33	26.73	865198	766491	97.61	129.55	#
	Target Compounds							
2)	alpha BHC	11.19	13.40	573709	603991	0.69	0.95	#
3)	lindane	12.40	14.77	544974	586018	0.73	1.02	#
4)	heptachlor	14.09	16.35	536662	539038	0.83	1.22	#
5)	aldrin	15.11	17.45	474590	474929	0.66	0.90	#
6)	beta BHC	12.81	15.19	266287	306935	0.76	1.14	#
7)	delta BHC	13.40	16.23	558549	578430	0.74	1.02	#
8)	heptachlor epoxide	17.23	19.47	527236	521256	0.84	1.13	#
9)	endosulfan 1	18.55	20.73	481978	487690	0.83	1.05	#
10)	pp DDE	18.47	21.29	430183	559431	0.64	1.17	#
11)	dieldrin	19.25	21.63	530110	522193	0.99	1.09	
12)	endrin	19.96	22.59	503049	475982	1.11	1.18	
13)	pp DDD	20.45	23.15	431741	428646	0.94	1.25	#
14)	endosulfan 2	20.68	23.28	486194	500952	0.81	1.14	#
15)	pp DDT	21.32	24.13	473545	489916	0.88	1.39	#
16)	endrin aldehyde	22.04	24.39	408256	396210	0.99	1.14	
18)	endosulfan sulfate	23.39	25.27	524750	463532	0.89	1.20	#
19)	methoxychlor	23.01	26.37	275490	306008	1.09	1.92	#

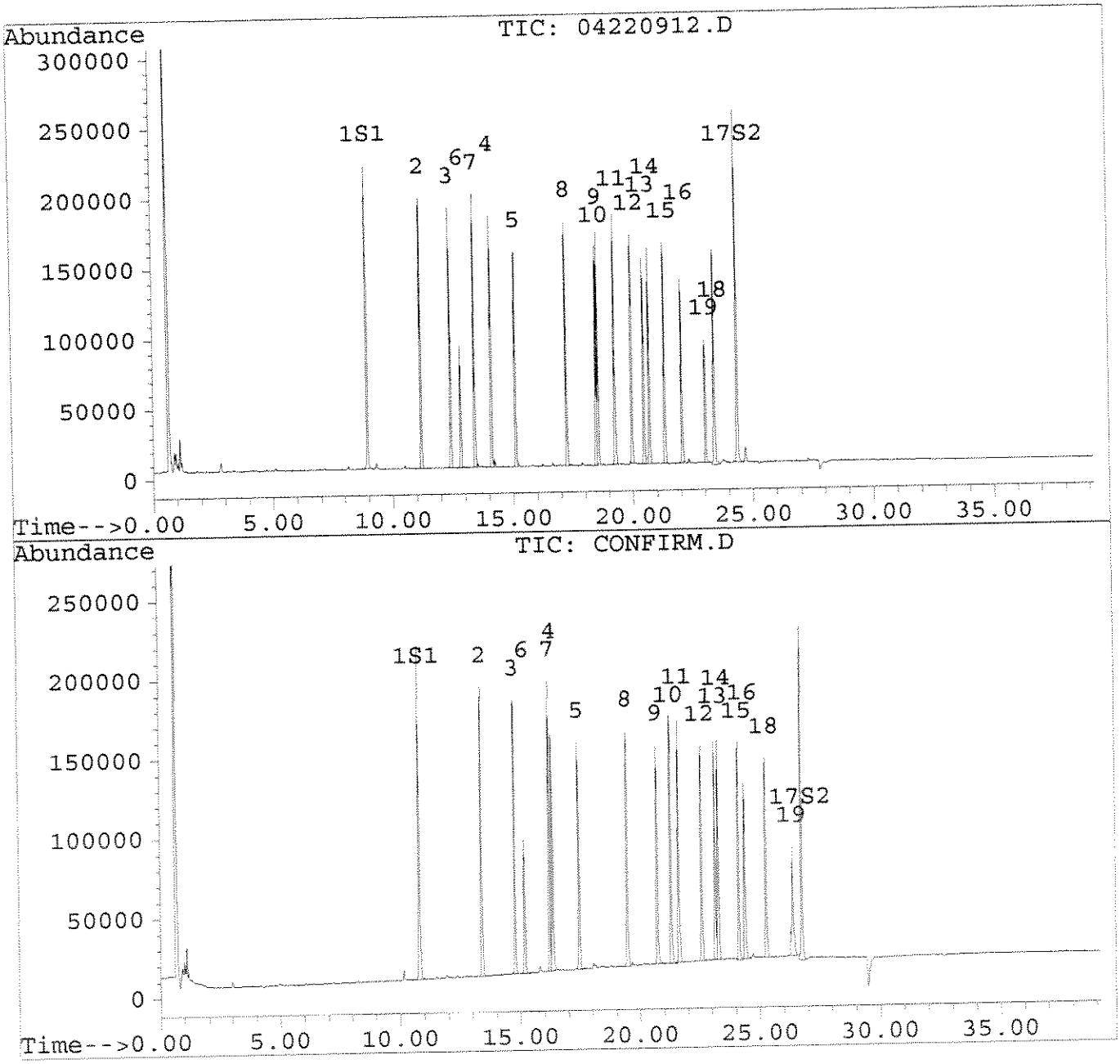
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220912.D Vial: 12
Signal #2 : C:\HPCHEM\5\DATA\042209\04220912.D\CONFIRM.D
Acq On : 22 Apr 09 11:05 PM Operator: GW
Sample : pest LCS NC x1 Inst : SVGC2
Misc : 1.0 rmp Multiplr: 1.00
Quant Time: Apr 22 23:45 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220913.D Vial: 13
Signal #2 : C:\HPCHEM\5\DATA\042209\04220913.D\CONFIRM.D
Acq On : 22 Apr 09 11:48 PM Operator: GW
Sample : 1475.03 NC x1MS Inst : SVGC2
Misc : 1.0 rmp Multiplr: 1.00
Quant Time: Apr 23 0:29 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	649980	735591	64.03	83.24	#
17)	S2 dibutyl chlorendate	24.33	26.73	724774	582534	81.77	98.46	
	Target Compounds							
2)	alpha BHC	11.17	13.40	461034	474256	0.55	0.74	#
3)	lindane	12.40	14.77	436676	451098	0.58	0.78	#
4)	heptachlor	14.09	16.35	434126	439188	0.66	0.95	#
5)	aldrin	15.09	17.45	396886	386285	0.55	0.73	#
6)	beta BHC	12.81	15.19	200814	206846	0.55	0.74	#
7)	delta BHC	13.40	16.23	448314	443846	0.59	0.78	#
8)	heptachlor epoxide	17.23	19.47	396960	394264	0.62	0.85	#
9)	endosulfan 1	18.55	20.73	369832	341078	0.62	0.72	
10)	pp DDE	18.47	21.29	337229	403001	0.50	0.83	#
11)	dieldrin	19.25	21.63	412141	397246	0.77	0.82	
12)	endrin	19.96	22.59	400337	364663	0.88	0.88	
13)	pp DDD	20.45	23.15	324868	301014	0.70	0.86	
14)	endosulfan 2	20.68	23.28	380439	347537	0.62	0.78	#
15)	pp DDT	21.32	24.13	362796	325532	0.66	0.90	#
16)	endrin aldehyde	22.04	24.39	315567	304075	0.74	0.84	
18)	endosulfan sulfate	23.39	25.27	385849	344535	0.64	0.87	#
19)	methoxychlor	23.01	26.37	222758	241772	0.87	1.50	#

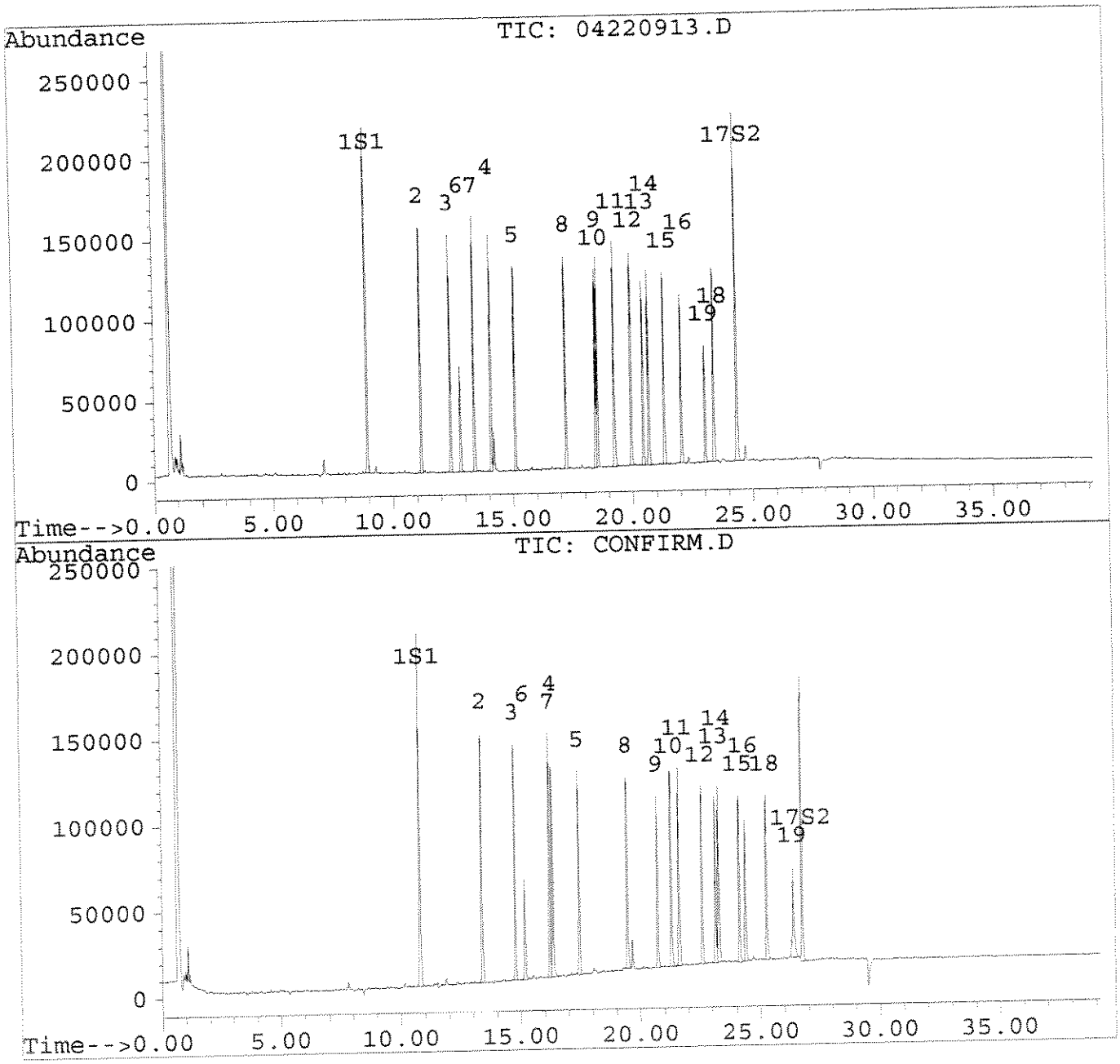
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220913.D Vial: 13
Signal #2 : C:\HPCHEM\5\DATA\042209\04220913.D\CONFIRM.D
Acq On : 22 Apr 09 11:48 PM Operator: GW
Sample : 1475.03 NC x1MS Inst : SVGC2
Misc : 1.0 rmp Multiplr: 1.00
Quant Time: Apr 23 0:29 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220914.D Vial: 14
Signal #2 : C:\HPCHEM\5\DATA\042209\04220914.D\CONFIRM.D
Acq On : 23 Apr 09 00:31 AM Operator: GW
Sample : 1475.05 NC x1MSD Inst : SVGC2
Misc : 1.0 rmp Multiplr: 1.00
Quant Time: Apr 23 1:12 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	632485	706131	62.31	79.90	#
17)	S2 dibutyl chlorendate	24.33	26.73	716886	570176	80.88	96.37	
	Target Compounds							
2)	alpha BHC	11.19	13.40	478078	476517	0.57	0.74	#
3)	lindane	12.40	14.77	447860	452074	0.60	0.78	#
4)	heptachlor	14.09	16.35	439088	438487	0.67	0.95	#
5)	aldrin	15.11	17.45	401416	382388	0.56	0.72	#
6)	beta BHC	12.81	15.19	205849	208821	0.57	0.74	#
7)	delta BHC	13.40	16.23	457359	447594	0.60	0.78	#
8)	heptachlor epoxide	17.23	19.47	404925	400239	0.63	0.87	#
9)	endosulfan 1	18.55	20.73	380745	342290	0.64	0.72	
10)	pp DDE	18.47	21.29	344705	406510	0.51	0.84	#
11)	dieldrin	19.25	21.63	421606	398514	0.78	0.83	
12)	endrin	19.96	22.59	410075	365601	0.90	0.88	
13)	pp DDD	20.45	23.15	335113	301196	0.73	0.86	
14)	endosulfan 2	20.68	23.28	381489	357789	0.62	0.80	#
15)	pp DDT	21.32	24.13	373342	326228	0.68	0.91	#
16)	endrin aldehyde	22.04	24.39	320641	301342	0.75	0.83	
18)	endosulfan sulfate	23.39	25.27	392582	343404	0.65	0.86	#
19)	methoxychlor	23.01	26.37	226475	232954	0.88	1.44	#

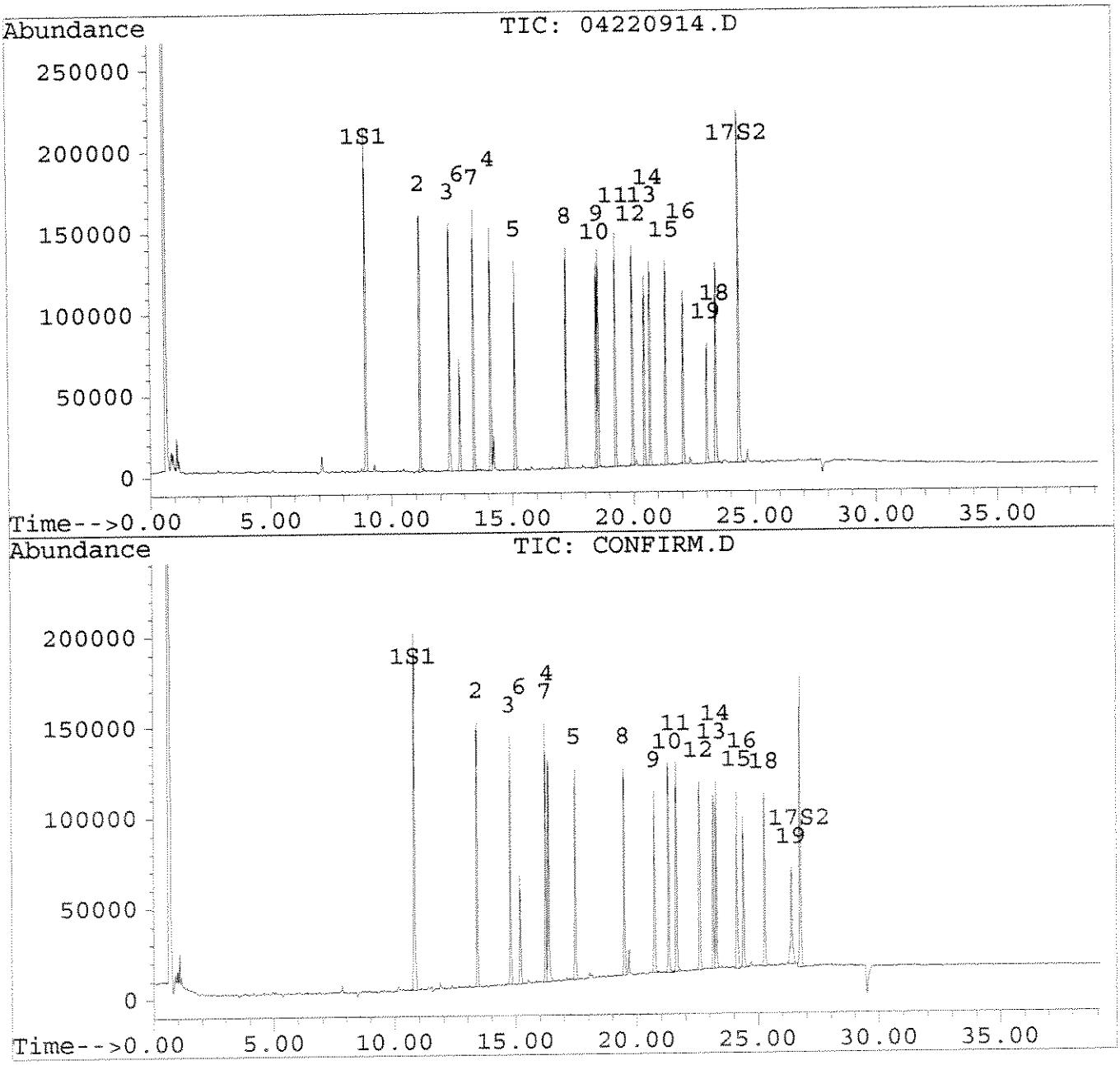
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220914.D Vial: 14
Signal #2 : C:\HPCHEM\5\DATA\042209\04220914.D\CONFIRM.D
Acq On : 23 Apr 09 00:31 AM Operator: GW
Sample : 1475.05 NC x1MSD Inst : SVGC2
Misc : 1.0 rmp Multiplr: 1.00
Quant Time: Apr 23 1:12 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220915.D Vial: 15
Signal #2 : C:\HPCHEM\5\DATA\042209\04220915.D\CONFIRM.D
Acq On : 23 Apr 09 01:15 AM Operator: GW
Sample : 1475.01 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 1:56 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	588846	651554	58.01	73.73	#
17)	S2 dibutyl chlorendate	24.33	26.73	670014	550731	75.59	93.08	
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	15.20f	0.00	3459	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.45f	0	48606	N.D.	0.22	#

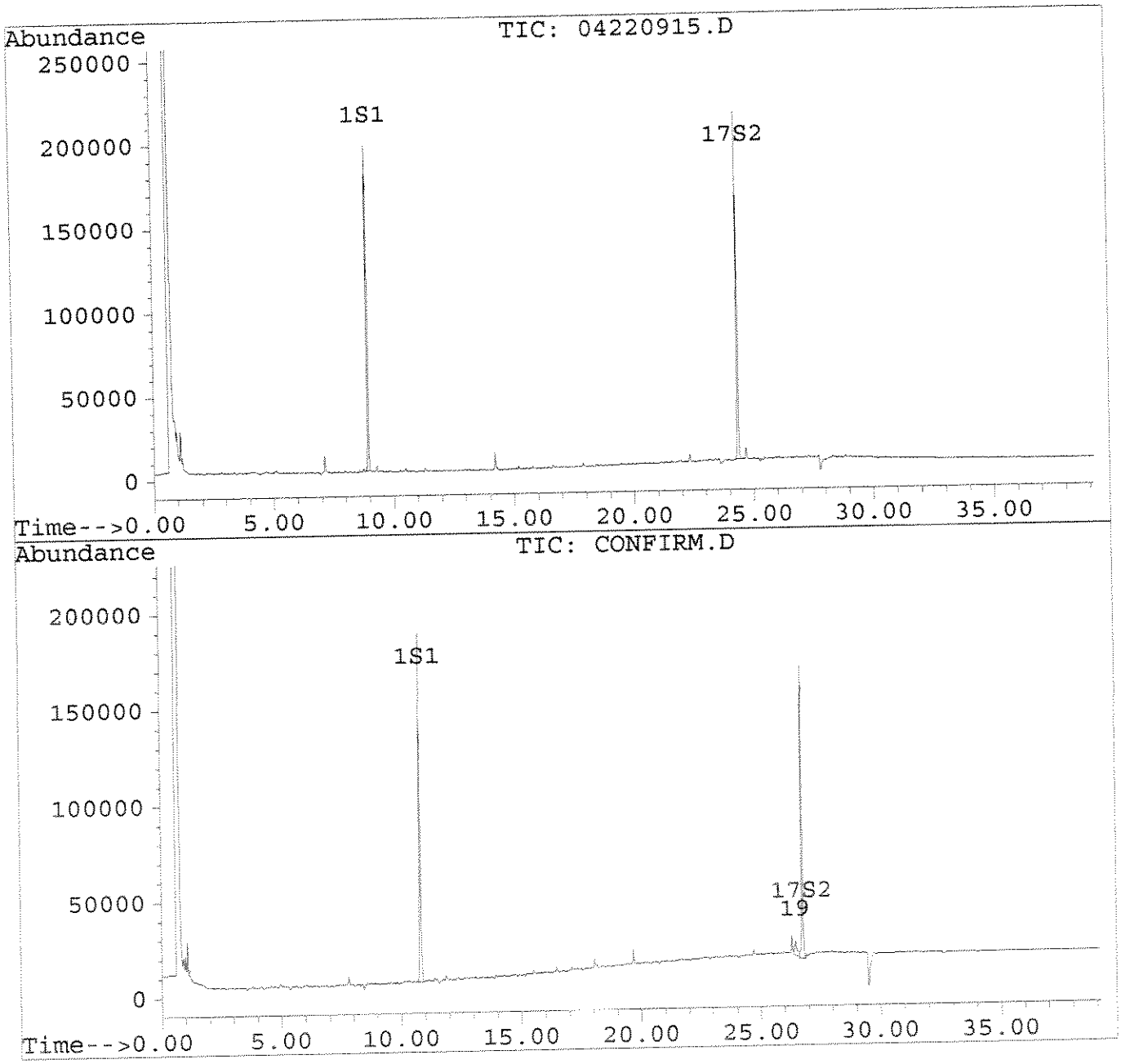
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220915.D Vial: 15
Signal #2 : C:\HPCHEM\5\DATA\042209\04220915.D\CONFIRM.D
Acq On : 23 Apr 09 01:15 AM Operator: GW
Sample : 1475.01 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 1:56 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220916.D Vial: 16
Signal #2 : C:\HPCHEM\5\DATA\042209\04220916.D\CONFIRM.D
Acq On : 23 Apr 09 01:58 AM Operator: GW
Sample : 1475.07 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 2:39 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	686022	768060	67.58	86.91	#
17)	S2 dibutyl chlorendate	24.33	26.73	799302	686052	90.18	115.95	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	16.47f	0	342	N.D.	N.D.	
5)	aldrin	15.20f	0.00	4398	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.45f	0	57054	N.D.	0.28	#

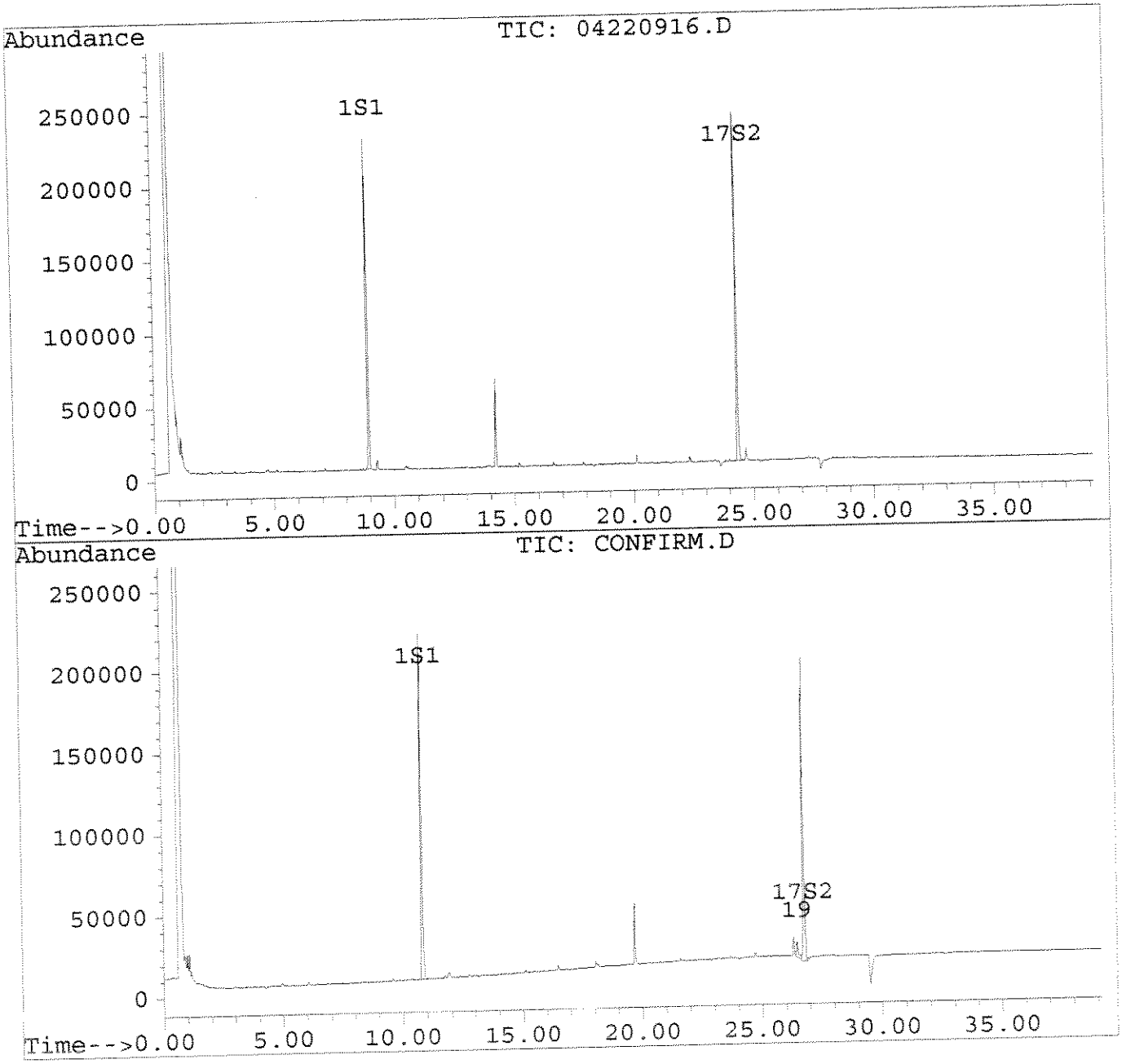
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220916.D Vial: 16
Signal #2 : C:\HPCHEM\5\DATA\042209\04220916.D\CONFIRM.D
Acq On : 23 Apr 09 01:58 AM Operator: GW
Sample : 1475.07 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 2:39 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220917.D Vial: 17
Signal #2 : C:\HPCHEM\5\DATA\042209\04220917.D\CONFIRM.D
Acq On : 23 Apr 09 02:41 AM Operator: GW
Sample : 1475.09 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 3:22 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	649070	715850	63.94	81.00	#
17)	S2 dibutyl chlorendate	24.35	26.73	748671	622926	84.47	105.28	
	Target Compounds							
2)	alpha BHC	11.15	0.00	5982	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	15.20f	0.00	3281	0	N.D.	N.D.	
6)	beta BHC	0.00	15.24	0	16173	N.D.	N.D.	
7)	delta BHC	0.00	16.27	0	3532	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	18.45f	0.00	10551	0	N.D.	N.D.	
10)	pp DDE	18.45	0.00	10551	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	20.64f	0.00	9035	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.45f	0	44800	N.D.	0.20	#

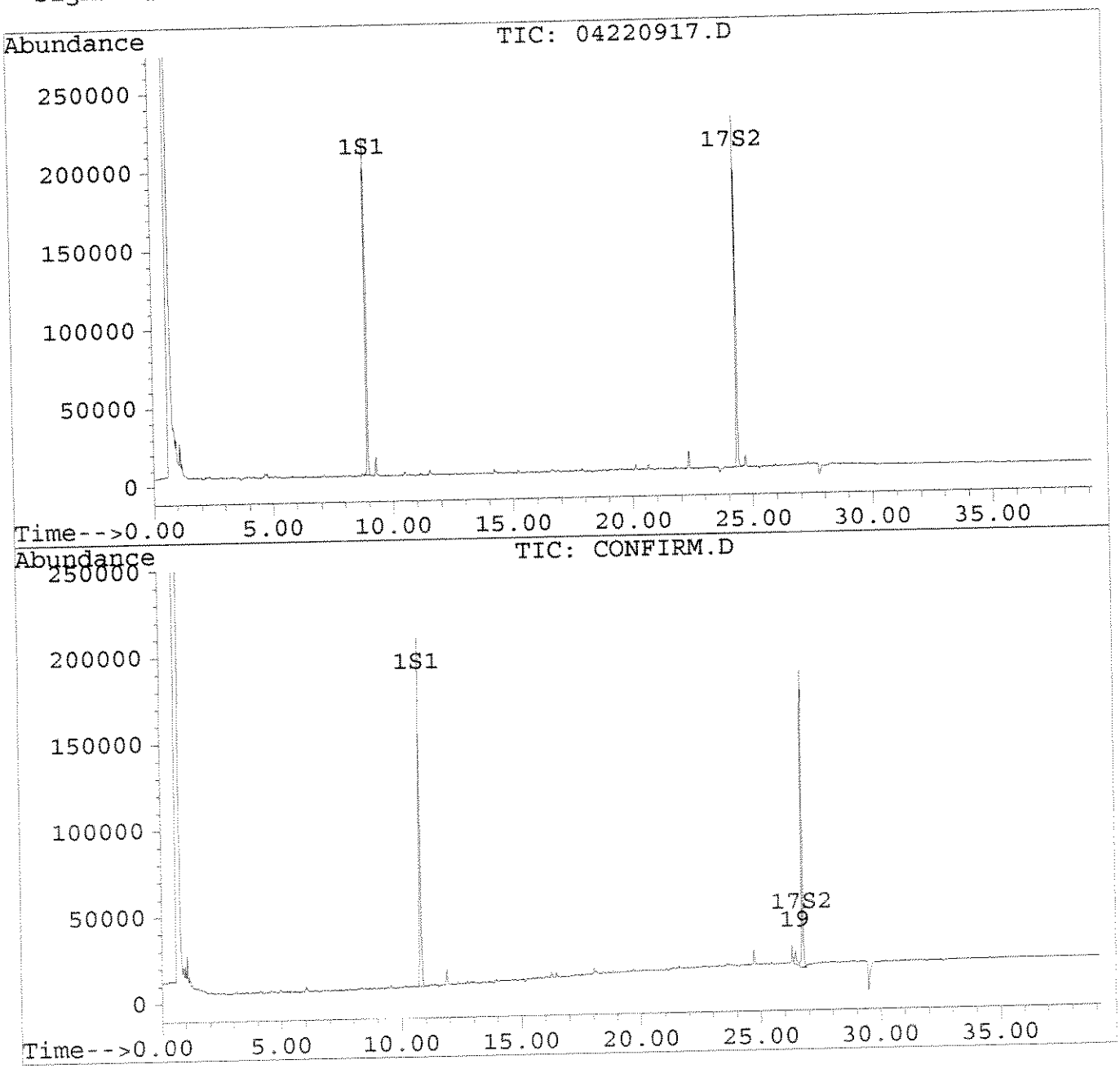
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220917.D Vial: 17
Signal #2 : C:\HPCHEM\5\DATA\042209\04220917.D\CONFIRM.D
Acq On : 23 Apr 09 02:41 AM Operator: GW
Sample : 1475.09 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 3:22 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220918.D Vial: 18
Signal #2 : C:\HPCHEM\5\DATA\042209\04220918.D\CONFIRM.D
Acq On : 23 Apr 09 03:25 AM Operator: GW
Sample : 1475.11 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 4:06 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	659256	723695	64.95	81.89	#
17)	S2 dibutyl chlorendate	24.33	26.73	713338	597382	80.48	100.97	#
	Target Compounds							
2)	alpha BHC	11.15	0.00	12125	0	0.01	N.D.	#
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	15.20f	0.00	3454	0	N.D.	N.D.	
6)	beta BHC	0.00	15.24	0	21903	N.D.	N.D.	
7)	delta BHC	0.00	16.27	0	3713	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	20.64f	0.00	11522	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.45f	0	59982	N.D.	0.30	#

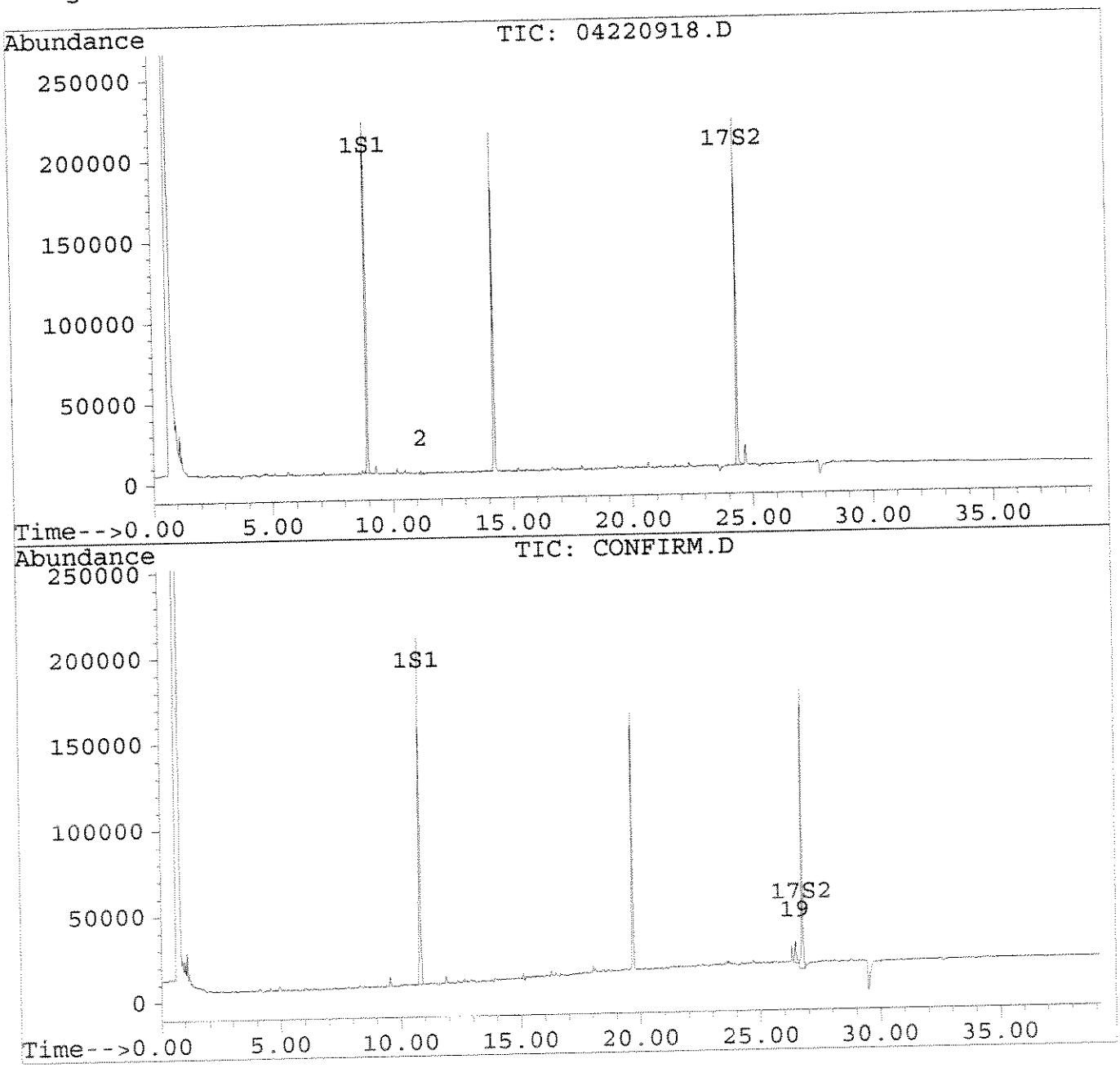
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220918.D Vial: 18
Signal #2 : C:\HPCHEM\5\DATA\042209\04220918.D\CONFIRM.D
Acq On : 23 Apr 09 03:25 AM Operator: GW
Sample : 1475.11 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 4:06 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220919.D Vial: 19
Signal #2 : C:\HPCHEM\5\DATA\042209\04220919.D\CONFIRM.D
Acq On : 23 Apr 09 04:08 AM Operator: GW
Sample : chem s qc Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 4:49 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	11.17	13.40	570399	565492	0.68	0.89	#
3)	lindane	12.40	14.77	532764	536225	0.71	0.93	#
4)	heptachlor	14.09	16.35	555830	523857	0.86	1.18	#
5)	aldrin	15.09	17.45	519540	503583	0.73	0.95	#
6)	beta BHC	12.81	15.17	256583	267299	0.73	0.98	#
7)	delta BHC	13.40	16.23	530585	513906	0.70	0.91	#
8)	heptachlor epoxide	17.23	19.47	502951	471975	0.80	1.02	#
9)	endosulfan 1	18.55	20.73	478381	469581	0.82	1.01	
10)	pp DDE	18.47	21.29	436756	525567	0.65	1.10	#
11)	dieldrin	19.25	21.63	507409	476006	0.95	0.99	
12)	endrin	19.96	22.59	485230	435661	1.07	1.07	
13)	pp DDD	20.45	23.15	409178	385892	0.89	1.12	#
14)	endosulfan 2	20.68	23.28	475594	468346	0.79	1.07	#
15)	pp DDT	21.32	24.13	452626	438922	0.84	1.24	#
16)	endrin aldehyde	22.04	24.39	370373	339701	0.89	0.96	
18)	endosulfan sulfate	23.39	25.27	449543	394281	0.75	1.01	#
19)	methoxychlor	23.01	26.37	263619	222209	1.04	1.37	#

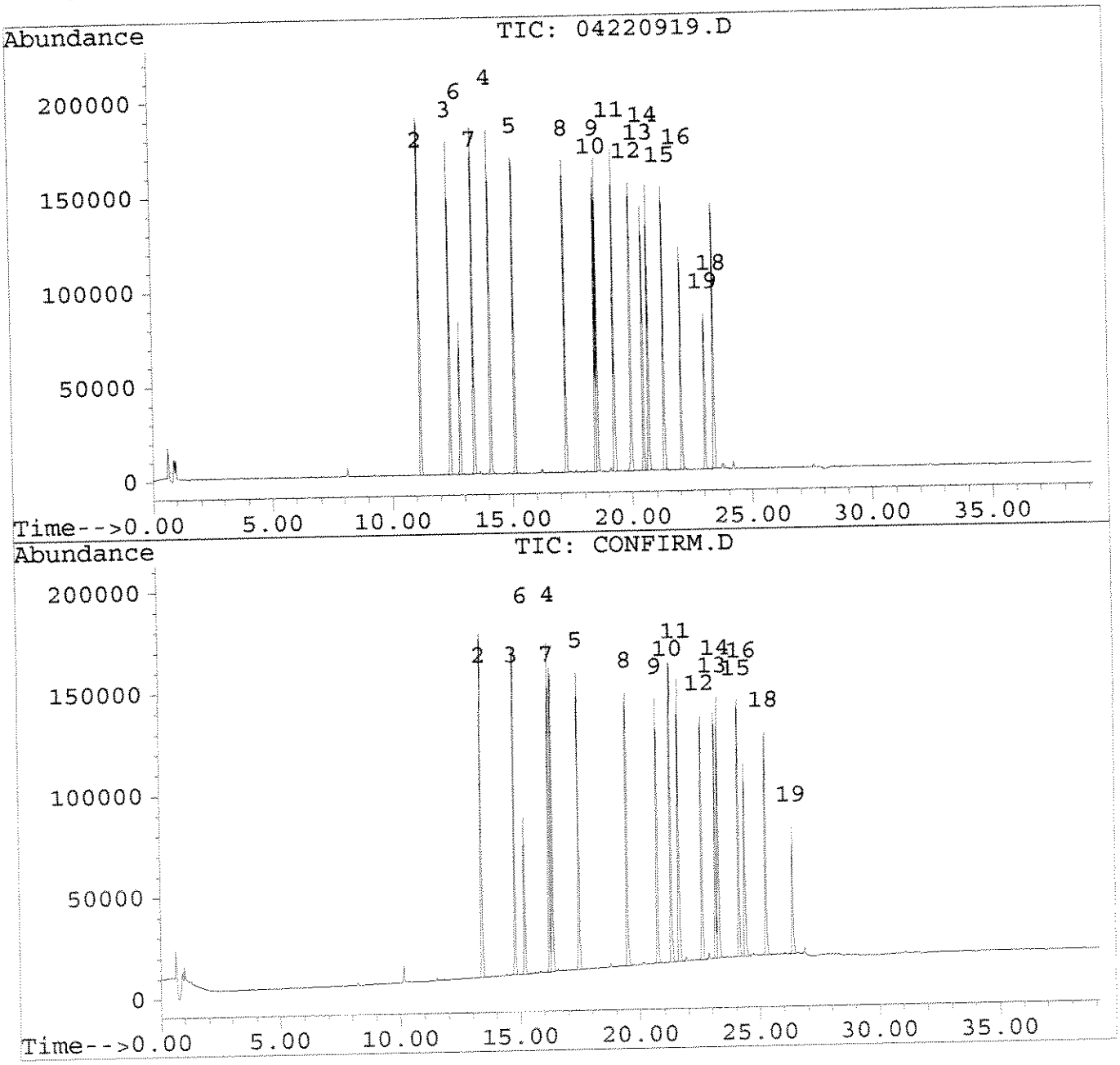
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220919.D Vial: 19
Signal #2 : C:\HPCHEM\5\DATA\042209\04220919.D\CONFIRM.D
Acq On : 23 Apr 09 04:08 AM Operator: GW
Sample : chem s qc Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 4:49 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220920.D Vial: 20
Signal #2 : C:\HPCHEM\5\DATA\042209\04220920.D\CONFIRM.D
Acq On : 23 Apr 09 04:52 AM Operator: GW
Sample : tagm 0.1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 5:32 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.
	Target Compounds						
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3)	lindane	0.00	0.00	0	0	N.D.	N.D.
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.
12)	endrin	0.00	0.00	0	0	N.D.	N.D.
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.

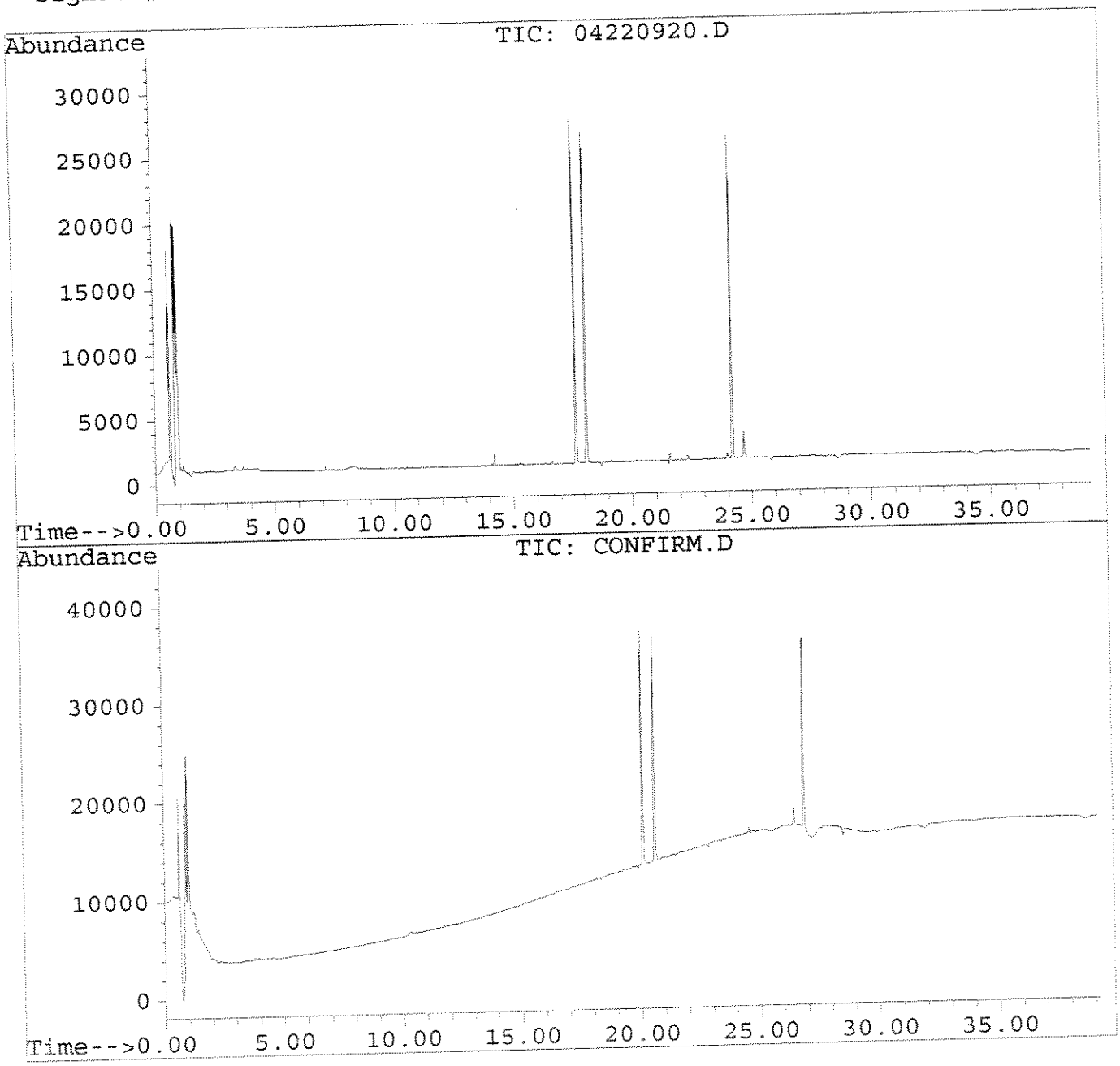
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220920.D Vial: 20
Signal #2 : C:\HPCHEM\5\DATA\042209\04220920.D\CONFIRM.D
Acq On : 23 Apr 09 04:52 AM Operator: GW
Sample : tagm 0.1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 5:32 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220921.D Vial: 1
Signal #2 : C:\HPCHEM\5\DATA\042209\04220921.D\CONFIRM.D
Acq On : 23 Apr 09 05:35 AM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 6:16 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	18.55	0.00	38657	0	0.01	N.D.	#
9)	endosulfan 1	18.55f	21.29	38657	13703	0.03	0.01	#
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	19.96	22.59	891960	808178	2.00	2.06	
12)	endrin	20.45	23.15	4868	3156	N.D.	N.D.	
13)	pp DDD	20.75f	0.00	2794	0	N.D.	N.D.	
14)	endosulfan 2	21.32	24.13	859898	861530	1.63	2.48	#
15)	pp DDT	22.04	24.39	12845	16134	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor							

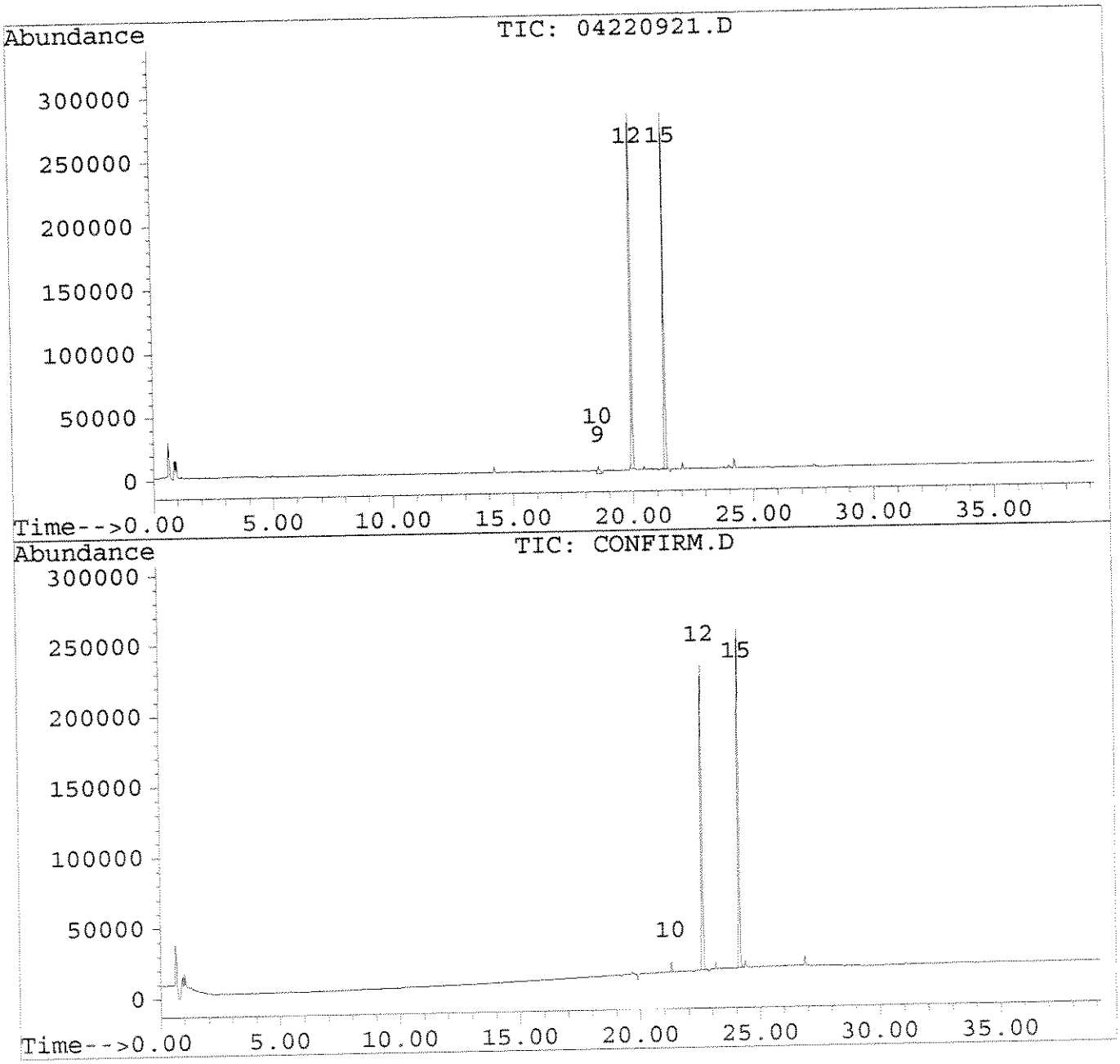
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220921.D Vial: 1
Signal #2 : C:\HPCHEM\5\DATA\042209\04220921.D\CONFIRM.D
Acq On : 23 Apr 09 05:35 AM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 6:16 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220922.D Vial: 21
Signal #2 : C:\HPCHEM\5\DATA\042209\04220922.D\CONFIRM.D
Acq On : 23 Apr 09 06:18 AM Operator: GW
Sample : 1475.13 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 6:59 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

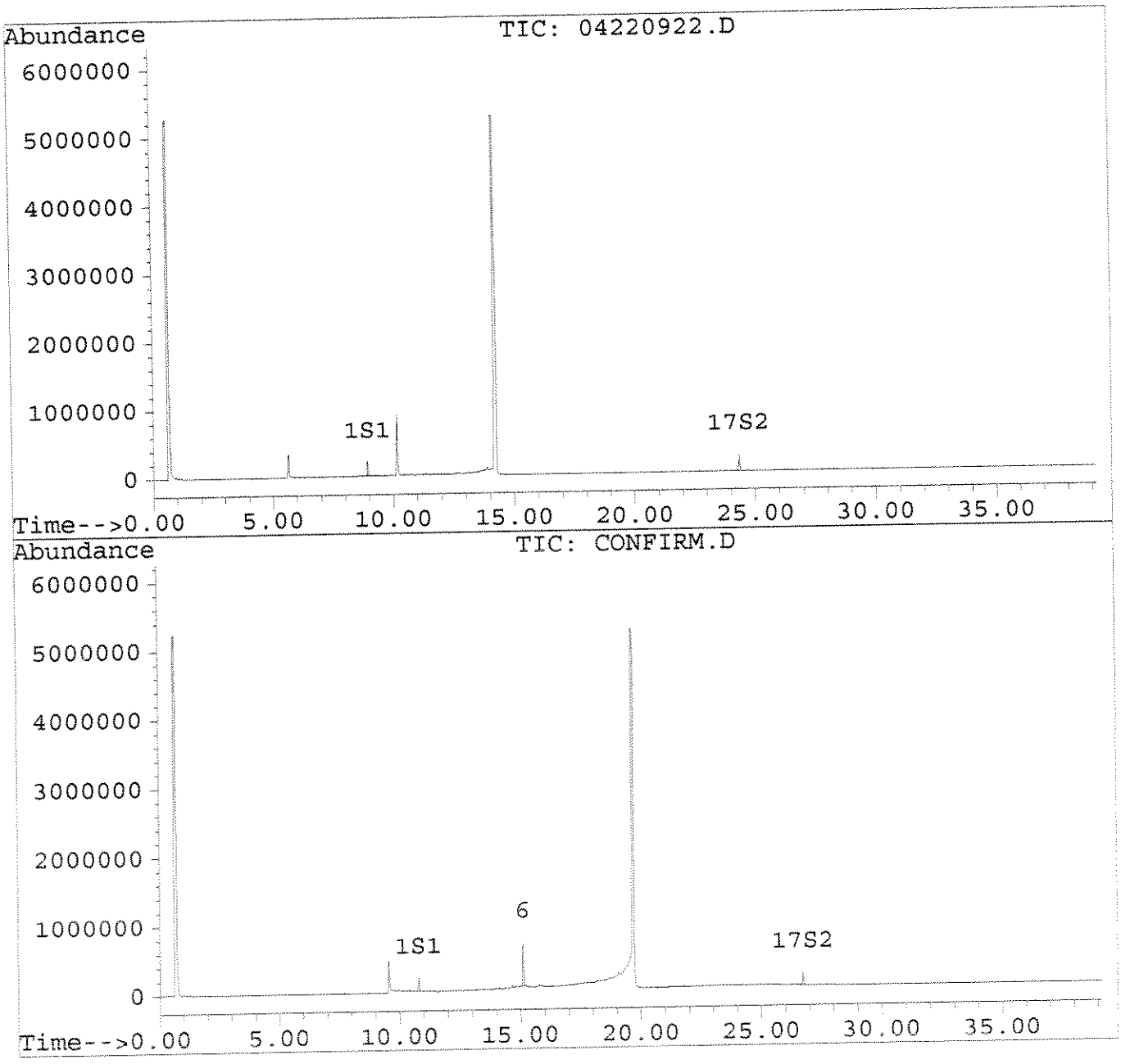
	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	648837	716639	63.92	81.09	#
17)	S2 dibutyl chlorendate	24.33	26.73	807562	650798	91.11	109.99	
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	15.19f	0.00	8494	0	N.D.	N.D.	
6)	beta BHC	0.00	15.11f	0	1992187	N.D.	7.94	#
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	17.21	0.00	2081	0	N.D.	N.D.	
9)	endosulfan 1	18.45f	0.00	7842	0	N.D.	N.D.	
10)	pp DDE	18.45	0.00	7842	0	N.D.	N.D.	
11)	dieldrin	19.24	0.00	334	0	N.D.	N.D.	
12)	endrin	19.95	0.00	1810	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	21.32	0.00	2452	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	23.37	0.00	414	0	N.D.	N.D.	
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.	

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

Signal #1 : C:\HPCHEM\5\DATA\042209\04220922.D Vial: 21
Signal #2 : C:\HPCHEM\5\DATA\042209\04220922.D\CONFIRM.D
Acq On : 23 Apr 09 06:18 AM Operator: GW
Sample : 1475.13 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 6:59 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220923.D Vial: 22
Signal #2 : C:\HPCHEM\5\DATA\042209\04220923.D\CONFIRM.D
Acq On : 23 Apr 09 07:02 AM Operator: GW
Sample : 1475.15 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 7:42 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.99f	10.83	619930	709912	61.07	80.33	#
17)	S2 dibutyl chlorendate	24.33	26.73	716759	610768	80.87	103.23	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	15.20f	0.00	4518	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	18.57	0.00	26492	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.45f	0	51218	N.D.	0.24	#

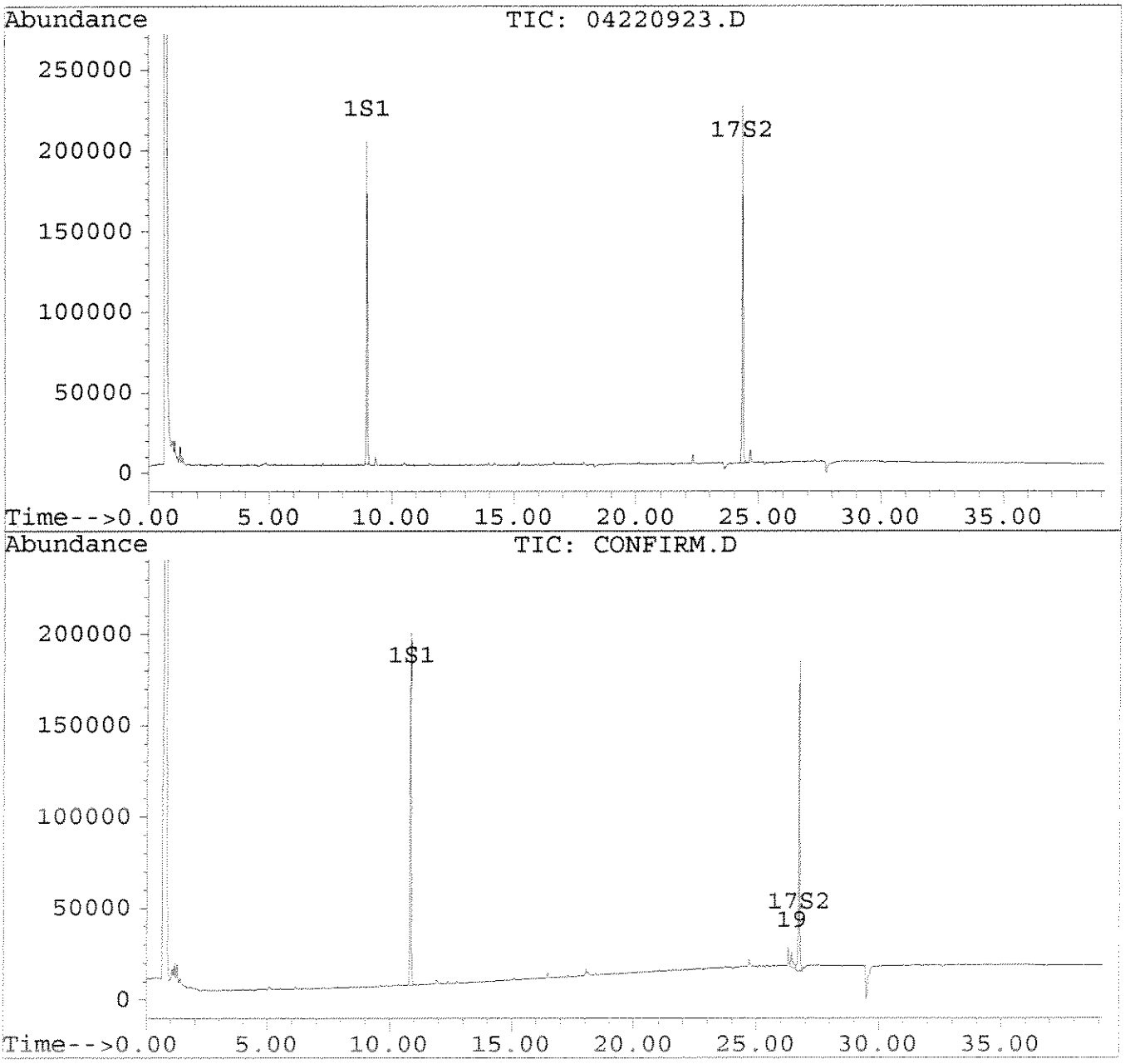
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220923.D Vial: 22
Signal #2 : C:\HPCHEM\5\DATA\042209\04220923.D\CONFIRM.D
Acq On : 23 Apr 09 07:02 AM Operator: GW
Sample : 1475.15 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 7:42 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220924.D Vial: 23
Signal #2 : C:\HPCHEM\5\DATA\042209\04220924.D\CONFIRM.D
Acq On : 23 Apr 09 07:45 AM Operator: GW
Sample : 1489.01 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 8:26 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	673194	763462	66.32	86.39	#
17)	S2 dibutyl chlorendate	24.33	26.73	712118	608624	80.34	102.87	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	15.20f	0.00	8161	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.45f	0	187096	N.D.	1.14	#

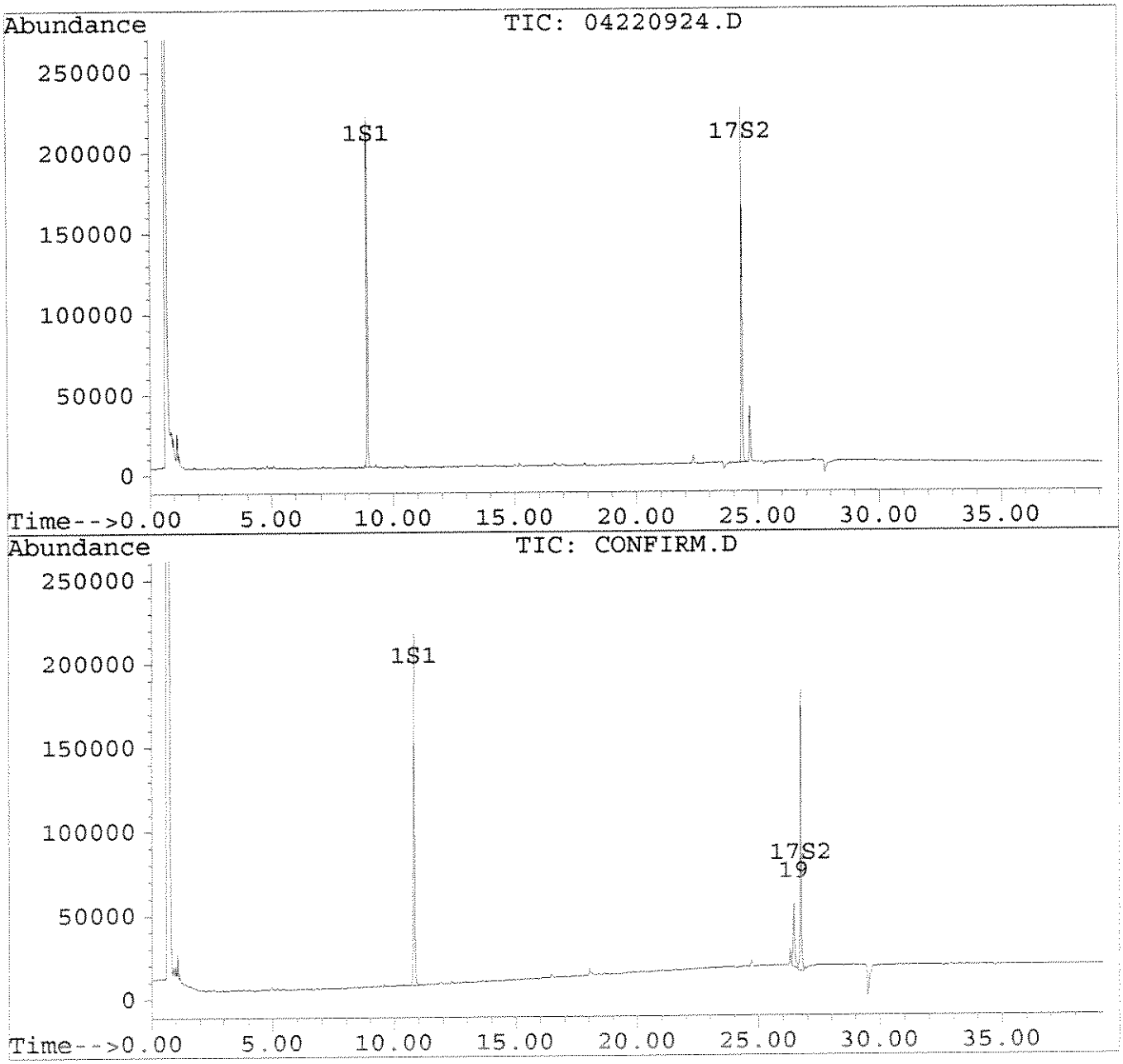
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220924.D Vial: 23
Signal #2 : C:\HPCHEM\5\DATA\042209\04220924.D\CONFIRM.D
Acq On : 23 Apr 09 07:45 AM Operator: GW
Sample : 1489.01 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 8:26 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220925.D Vial: 24
Signal #2 : C:\HPCHEM\5\DATA\042209\04220925.D\CONFIRM.D
Acq On : 23 Apr 09 08:28 AM Operator: GW
Sample : 1489.02 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 9:09 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	670766	766186	66.08	86.70	#
17)	S2 dibutyl chlorendate	24.33	26.73	759210	652242	85.66	110.24	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	15.20f	0.00	9694	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.45f	0	70295	N.D.	0.36	#

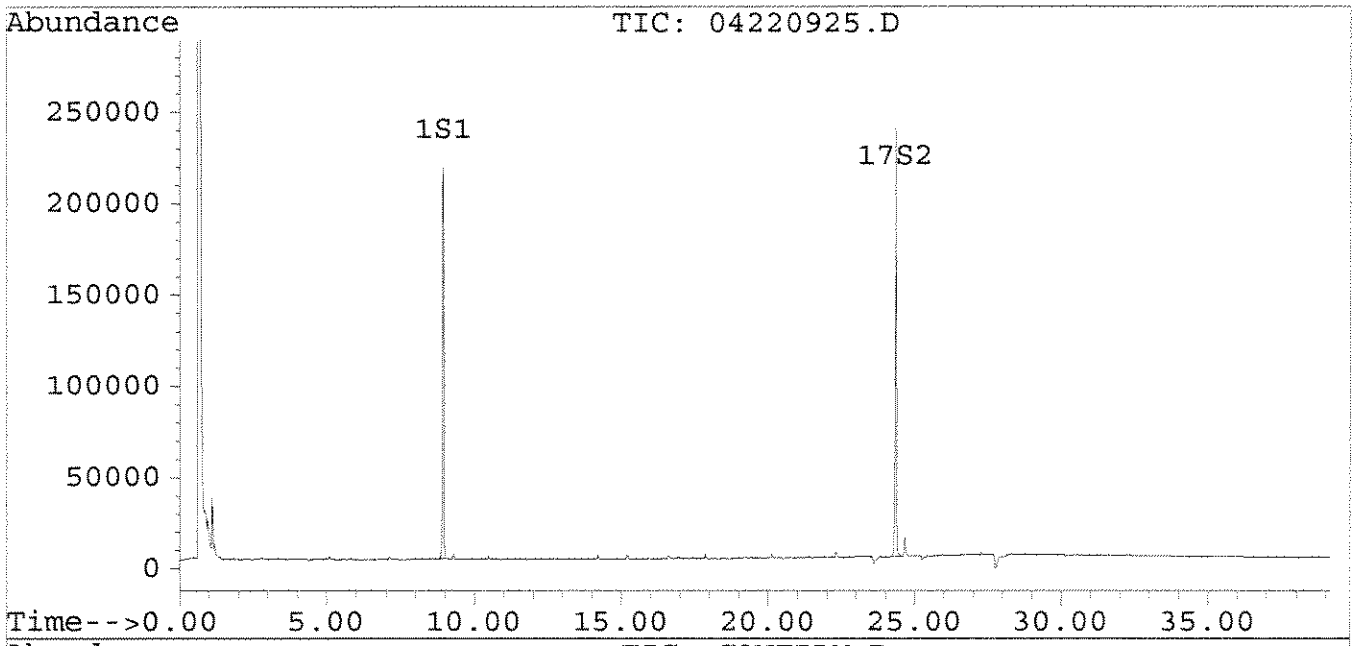
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

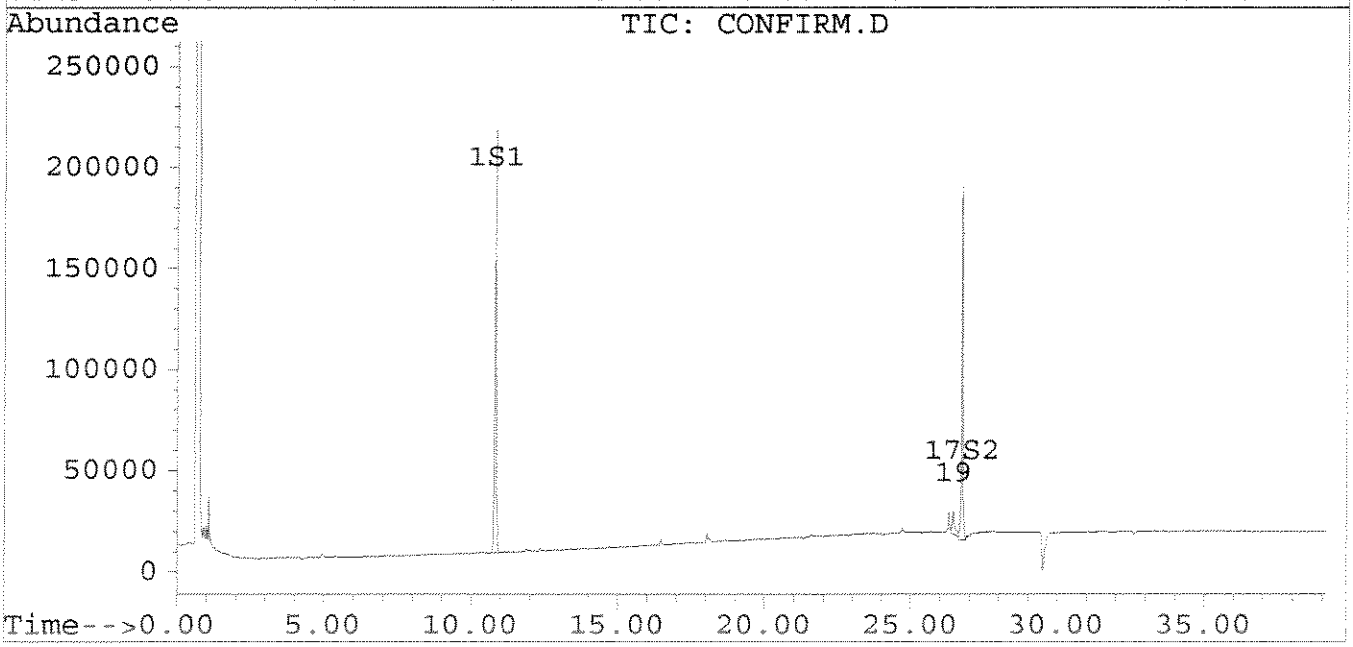
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220925.D Vial: 24
Signal #2 : C:\HPCHEM\5\DATA\042209\04220925.D\CONFIRM.D
Acq On : 23 Apr 09 08:28 AM Operator: GW
Sample : 1489.02 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 9:09 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220926.D Vial: 25
Signal #2 : C:\HPCHEM\5\DATA\042209\04220926.D\CONFIRM.D
Acq On : 23 Apr 09 09:12 AM Operator: GW
Sample : 1490.01 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 9:53 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	671832	750602	66.18	84.93	#
17)	S2 dibutyl chlorendate	24.33	26.73	729666	619010	82.32	104.62	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	15.20f	0.00	5407	0	N.D.	N.D.	
6)	beta BHC	0.00	15.24	0	3514	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	18.56	0.00	2407	0	N.D.	N.D.	
10)	pp DDE	18.56f	0.00	2407	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.45f	0	34228	N.D.	0.13	#

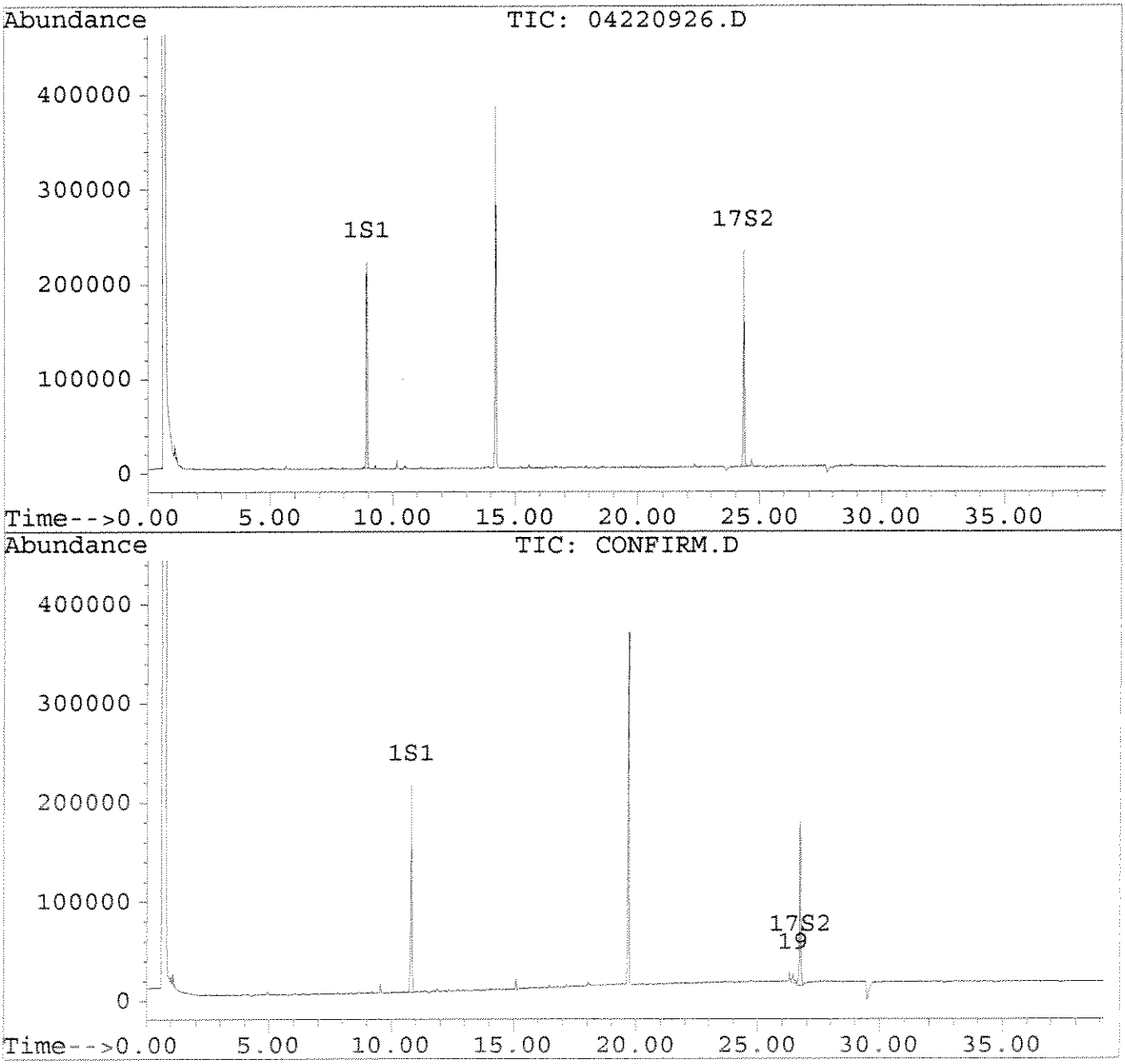
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220926.D Vial: 25
Signal #2 : C:\HPCHEM\5\DATA\042209\04220926.D\CONFIRM.D
Acq On : 23 Apr 09 09:12 AM Operator: GW
Sample : 1490.01 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 9:53 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220927.D Vial: 26
Signal #2 : C:\HPCHEM\5\DATA\042209\04220927.D\CONFIRM.D
Acq On : 23 Apr 09 09:55 AM Operator: GW
Sample : 1490.03 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 10:36 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	693225	785206	68.29	88.85	#
17)	S2 dibutyl chlorendate	24.33	26.72	792596	682995	89.42	115.44	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	15.20f	0.00	7384	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.44	0	44604	N.D.	0.19	#

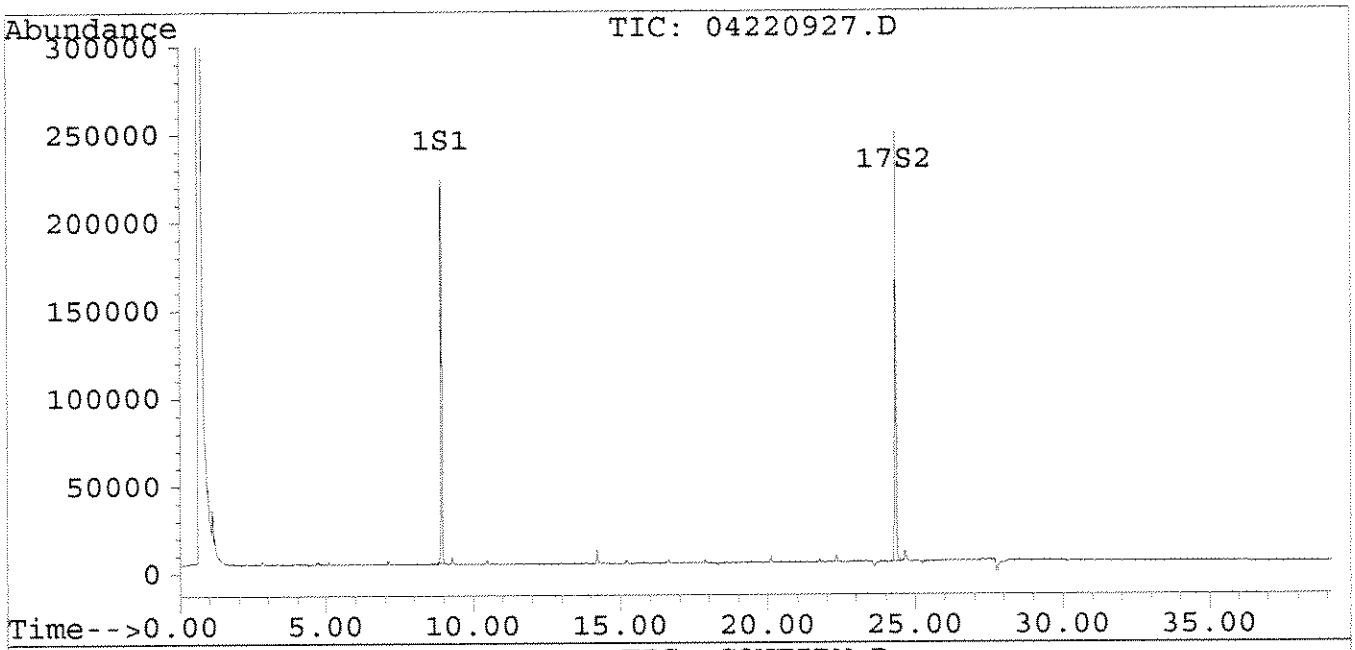
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

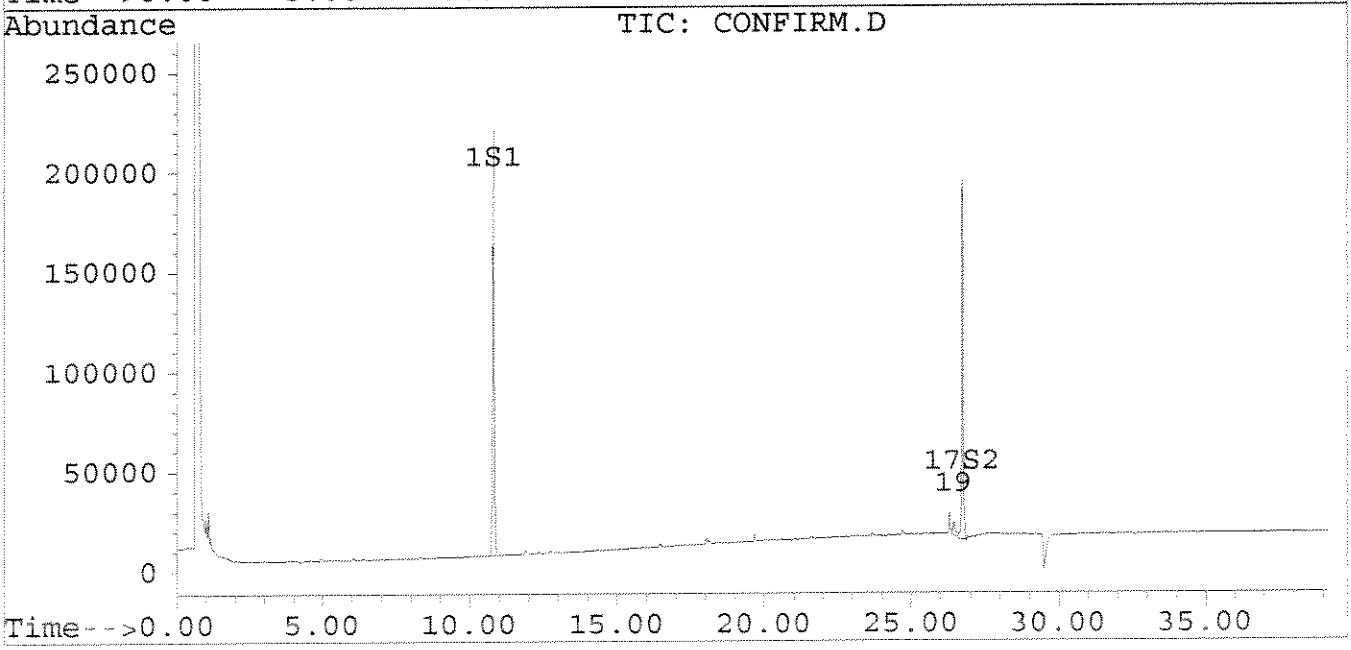
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220927.D Vial: 26
Signal #2 : C:\HPCHEM\5\DATA\042209\04220927.D\CONFIRM.D
Acq On : 23 Apr 09 09:55 AM Operator: GW
Sample : 1490.03 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 10:36 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220928.D Vial: 27
Signal #2 : C:\HPCHEM\5\DATA\042209\04220928.D\CONFIRM.D
Acq On : 23 Apr 09 10:38 AM Operator: GW
Sample : tagm 0.4 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 11:19 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

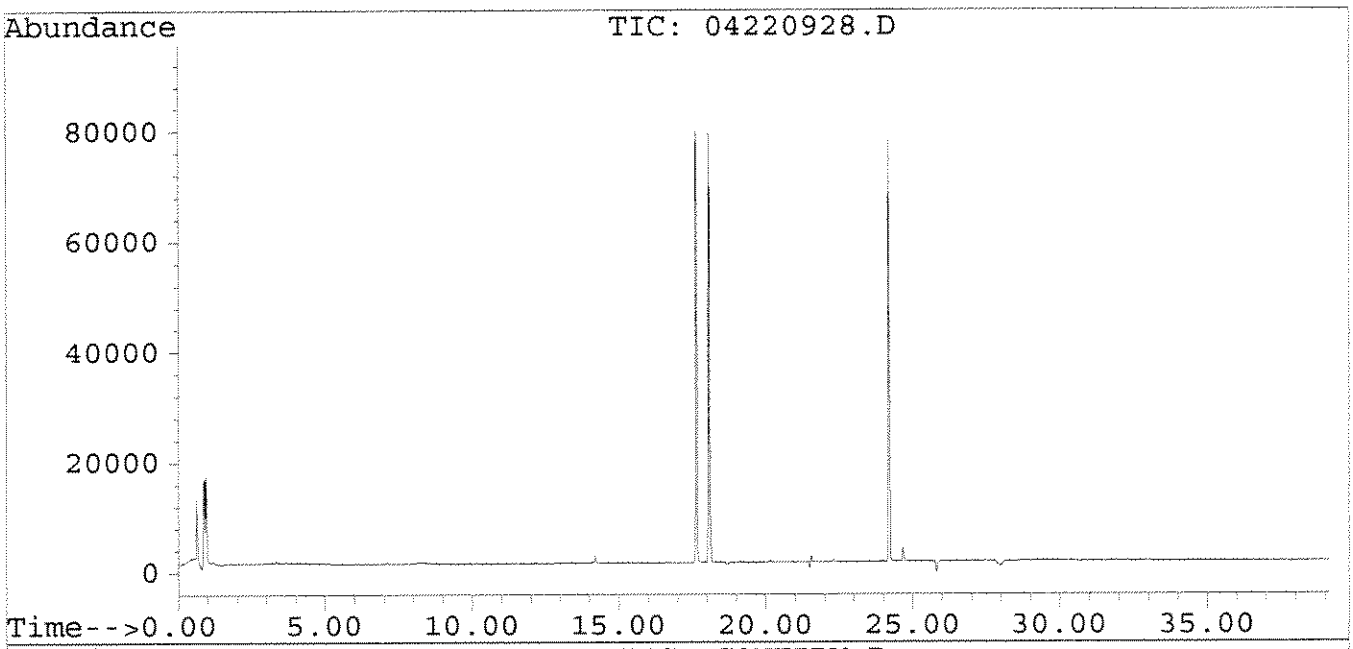
	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.
	Target Compounds						
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3)	lindane	0.00	0.00	0	0	N.D.	N.D.
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.
12)	endrin	0.00	0.00	0	0	N.D.	N.D.
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.

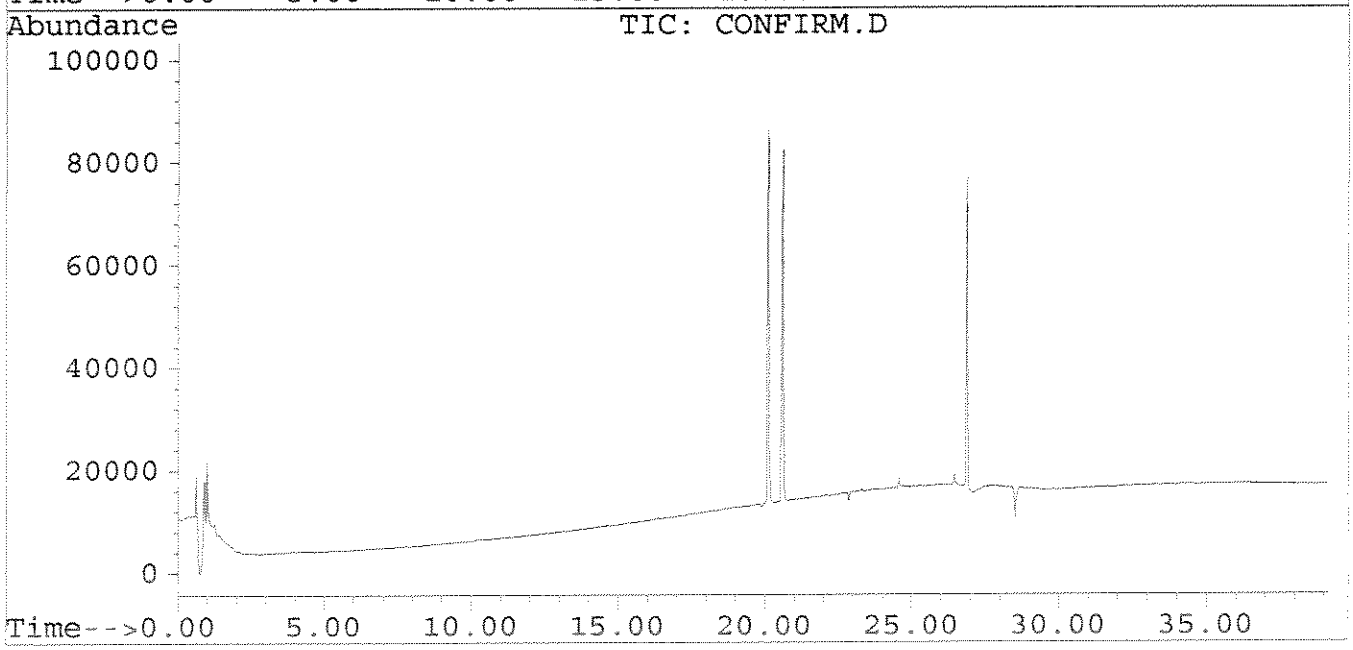
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220928.D Vial: 27
Signal #2 : C:\HPCHEM\5\DATA\042209\04220928.D\CONFIRM.D
Acq On : 23 Apr 09 10:38 AM Operator: GW
Sample : tagm 0.4 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 11:19 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220929.D Vial: 28
Signal #2 : C:\HPCHEM\5\DATA\042209\04220929.D\CONFIRM.D
Acq On : 23 Apr 09 12:11 PM Operator: GW
Sample : rmp 1.2 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 12:51 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	11.19	13.40	698560	790286	0.84	1.24	#
3)	lindane	12.40	14.77	656723	767430	0.88	1.34	#
4)	heptachlor	14.09	16.35	624875	708453	0.98	1.68	#
5)	aldrin	15.11	17.45	637942	703806	0.90	1.33	#
6)	beta BHC	12.81	15.17	315641	383563	0.91	1.45	#
7)	delta BHC	13.41	16.23	657274	730100	0.87	1.30	#
8)	heptachlor epoxide	17.23	19.47	619489	646559	1.00	1.40	#
9)	endosulfan 1	18.56	20.72	614692	645440	1.07	1.40	#
10)	pp DDE	18.47	21.29	574509	713340	0.87	1.49	#
11)	dieldrin	19.25	21.63	624821	645969	1.18	1.36	
12)	endrin	19.96	22.57	576962	580014	1.28	1.45	
13)	pp DDD	20.45	23.15	510365	547958	1.12	1.60	#
14)	endosulfan 2	20.69	23.28	576740	608782	0.98	1.40	#
15)	pp DDT	21.32	24.12	542705	601451	1.01	1.71	#
16)	endrin aldehyde	22.04	24.39	501045	518357	1.25	1.53	
18)	endosulfan sulfate	23.40	25.25	572778	553879	0.97	1.45	#
19)	methoxychlor	23.01	26.37	301078	287471	1.20	1.80	#

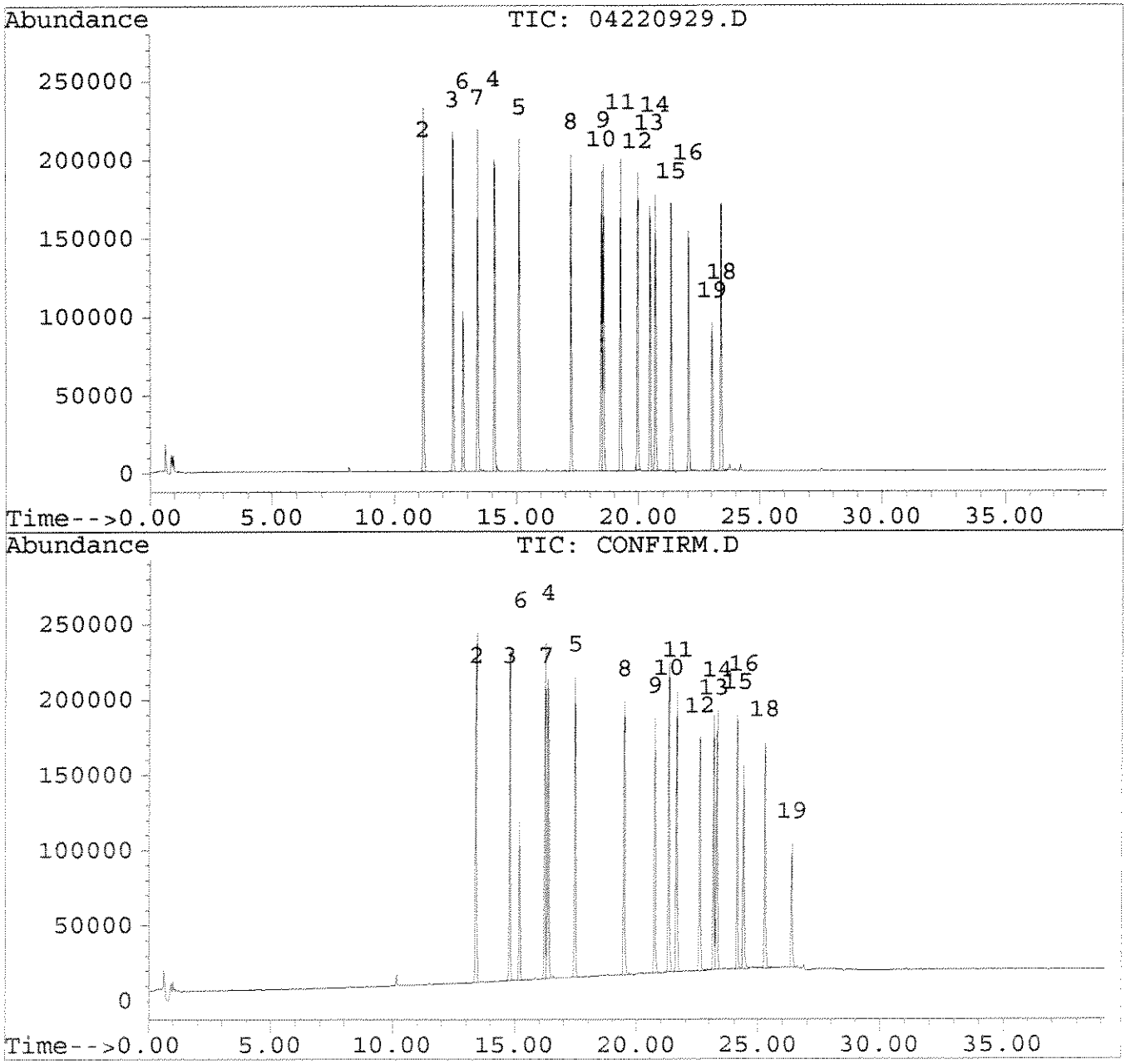
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220929.D Vial: 28
Signal #2 : C:\HPCHEM\5\DATA\042209\04220929.D\CONFIRM.D
Acq On : 23 Apr 09 12:11 PM Operator: GW
Sample : rmp 1.2 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 12:51 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220930.D Vial: 29
Signal #2 : C:\HPCHEM\5\DATA\042209\04220930.D\CONFIRM.D
Acq On : 23 Apr 09 12:54 PM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 13:35 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	19.40f	0	63758	N.D.	0.13	#
9)	endosulfan 1	18.55	0.00	56848	0	0.04	N.D.	#
10)	pp DDE	18.55f	21.29	56848	13473	0.06	0.01	#
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	19.95	22.57	937898	897767	2.10	2.30	
13)	pp DDD	20.44	23.13	3533	18410	N.D.	0.01	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	21.32	24.12	876211	957165	1.66	2.76	#
16)	endrin aldehyde	22.04	24.37	10496	3659	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.	

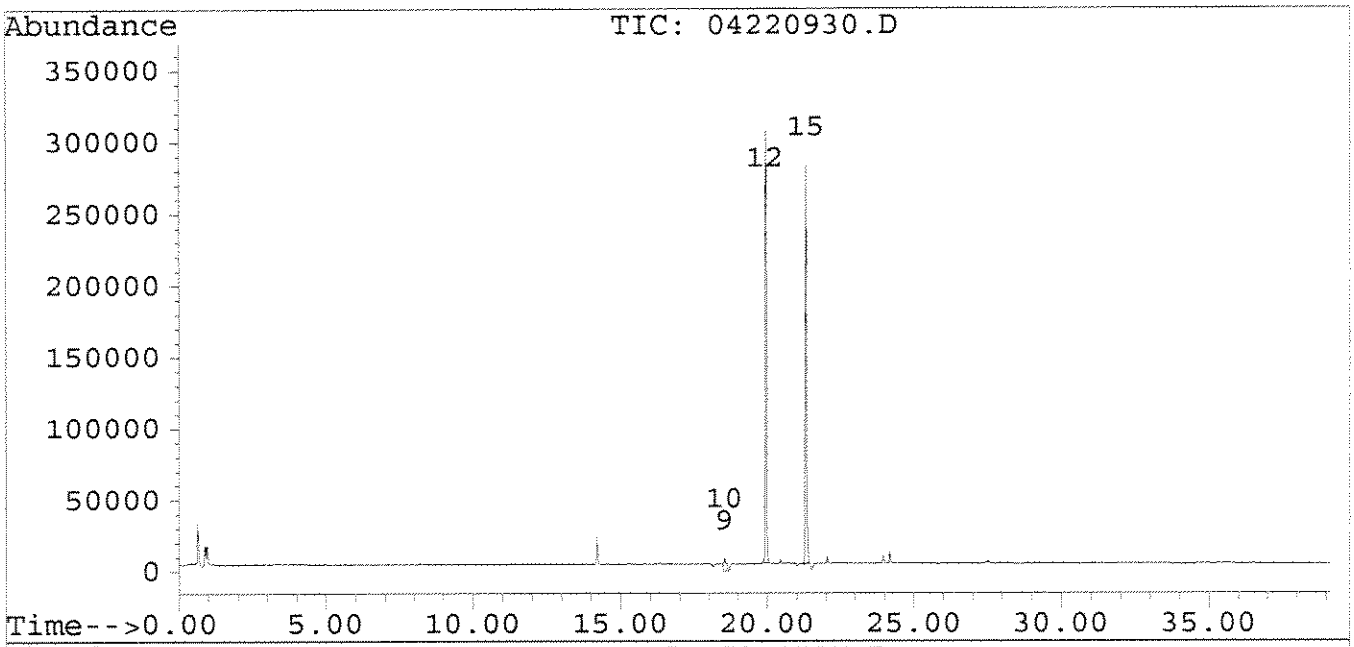
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

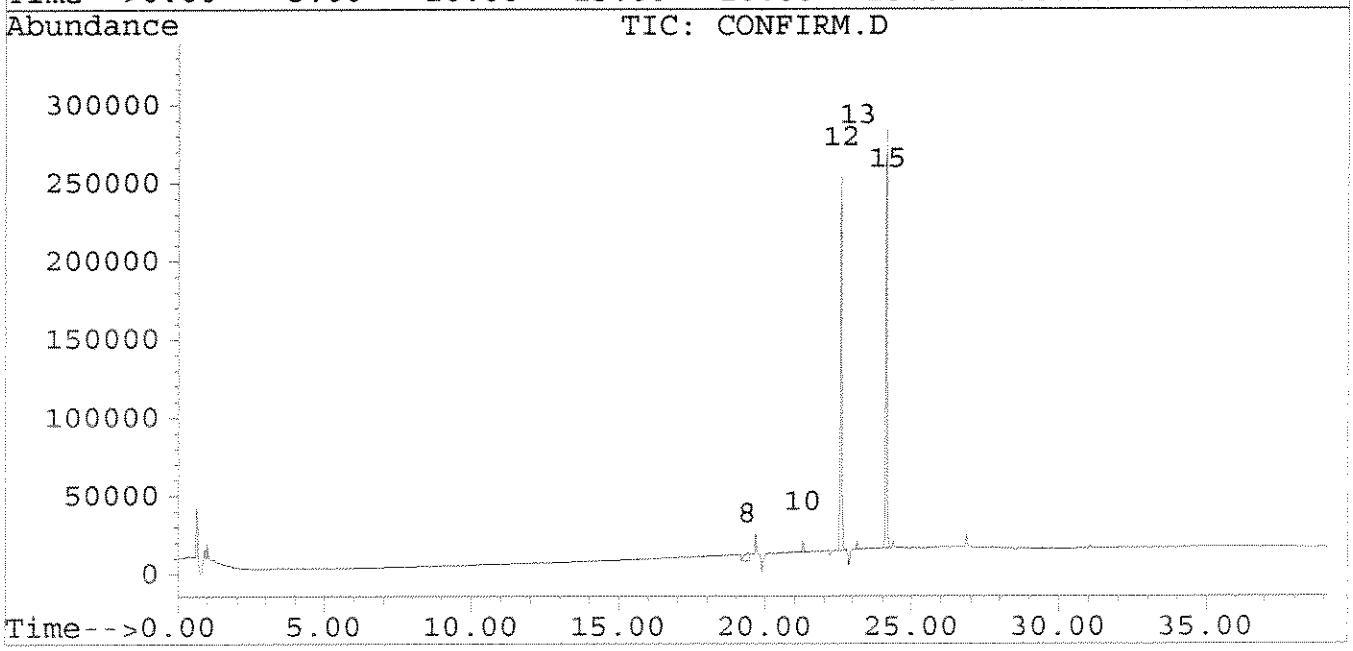
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220930.D Vial: 29
Signal #2 : C:\HPCHEM\5\DATA\042209\04220930.D\CONFIRM.D
Acq On : 23 Apr 09 12:54 PM Operator: GW
Sample : endrin + ppDDT Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 13:35 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220931.D Vial: 30
Signal #2 : C:\HPCHEM\5\DATA\042209\04220931.D\CONFIRM.D
Acq On : 23 Apr 09 01:37 PM Operator: GW
Sample : 1221 1.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 14:18 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xylene	8.93	0.00	1658	0	0.16	N.D. #
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.
	Target Compounds						
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3)	lindane	12.31f	0.00	2201	0	N.D.	N.D.
4)	heptachlor	14.00f	0.00	161	0	N.D.	N.D.
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.
7)	delta BHC	13.48f	0.00	138	0	N.D.	N.D.
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.
12)	endrin	0.00	0.00	0	0	N.D.	N.D.
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.

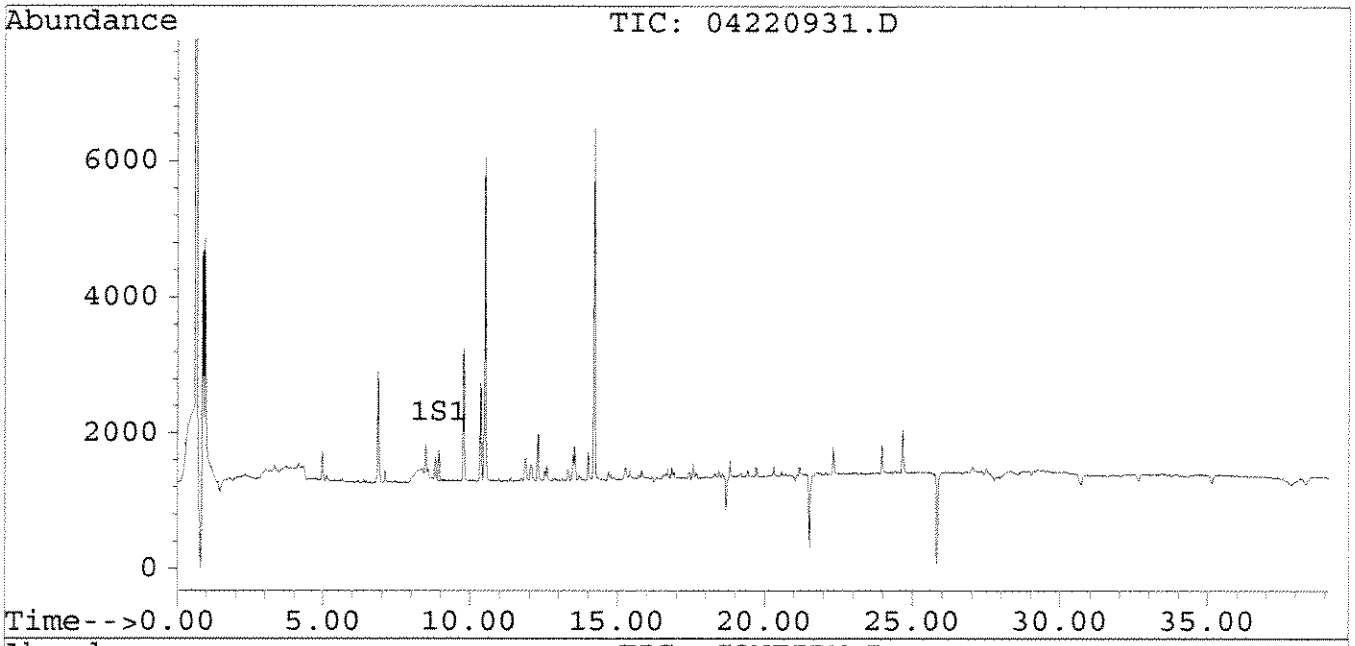
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

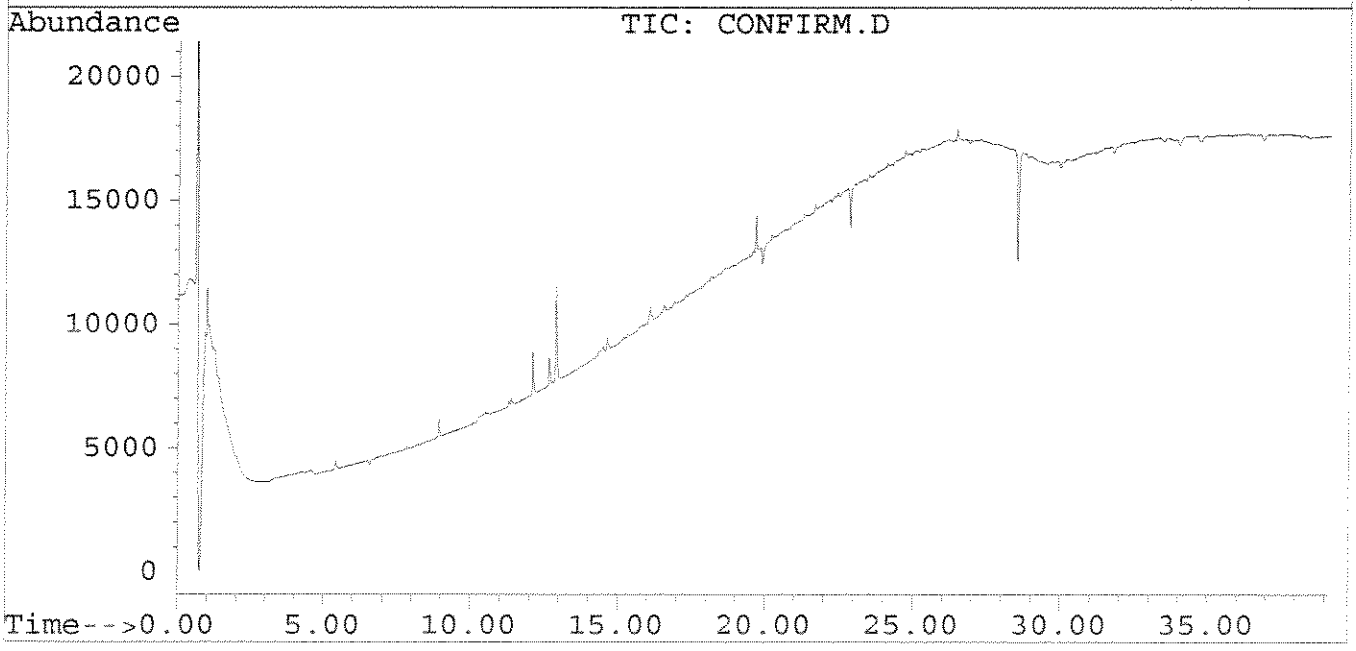
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220931.D Vial: 30
Signal #2 : C:\HPCHEM\5\DATA\042209\04220931.D\CONFIRM.D
Acq On : 23 Apr 09 01:37 PM Operator: GW
Sample : 1221 1.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 14:18 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220932.D Vial: 31
Signal #2 : C:\HPCHEM\5\DATA\042209\04220932.D\CONFIRM.D
Acq On : 23 Apr 09 02:21 PM Operator: GW
Sample : 1016/1260 1.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 15:02 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	0.00	71	0	0.01	N.D.	#
17)	S2 dibutyl chlorendate	24.39	0.00	16254	0	1.83	N.D.	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	12.31f	0.00	2050	0	N.D.	N.D.	
4)	heptachlor	14.00f	0.00	20652	0	N.D.	N.D.	
5)	aldrin	0.00	17.40f	0	10326	N.D.	0.01	#
6)	beta BHC	0.00	15.19	0	466	N.D.	N.D.	
7)	delta BHC	13.48f	0.00	19245	0	0.01	N.D.	#
8)	heptachlor epoxide	0.00	19.56f	0	12789	N.D.	0.02	#
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.	
10)	pp DDE	18.39f	0.00	7606	0	N.D.	N.D.	
11)	dieldrin	19.17f	0.00	4432	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	20.43	0.00	8381	0	N.D.	N.D.	
14)	endosulfan 2	20.71	23.40f	16944	10568	N.D.	N.D.	
15)	pp DDT	0.00	24.09f	0	67774	N.D.	0.15	#
16)	endrin aldehyde	22.05	24.40	3486	26431	N.D.	N.D.	
18)	endosulfan sulfate	23.41	25.31	3318	19628	N.D.	N.D.	
19)	methoxychlor	23.09f	0.00	4763	0	N.D.	N.D.	

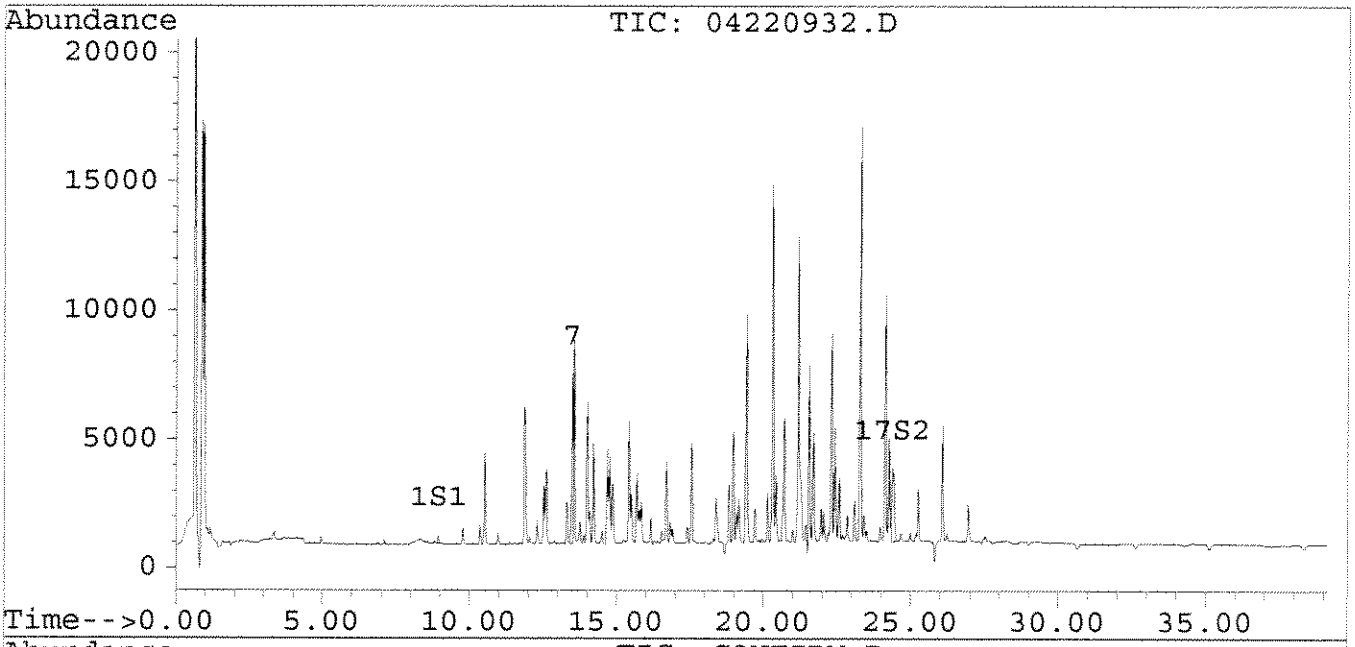
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

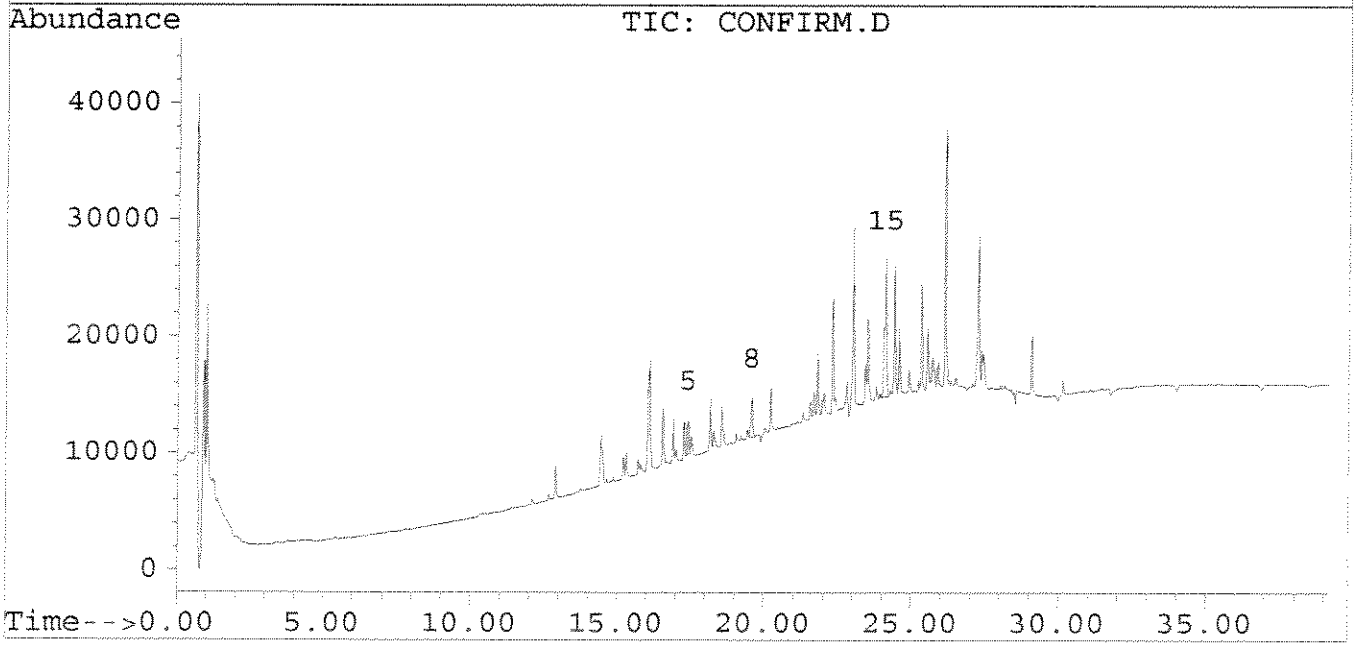
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220932.D Vial: 31
Signal #2 : C:\HPCHEM\5\DATA\042209\04220932.D\CONFIRM.D
Acq On : 23 Apr 09 02:21 PM Operator: GW
Sample : 1016/1260 1.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 15:02 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220933.D Vial: 32
Signal #2 : C:\HPCHEM\5\DATA\042209\04220933.D\CONFIRM.D
Acq On : 23 Apr 09 03:04 PM Operator: GW
Sample : 1514.02 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 15:45 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	649612	747992	64.00	84.64	#
17)	S2 dibutyl chlorendate	24.33	26.72	666486	594029	75.19	100.40	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	16.47f	0	1748	N.D.	N.D.	
5)	aldrin	15.11	0.00	5302	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.44	0	327825	N.D.	2.07	#

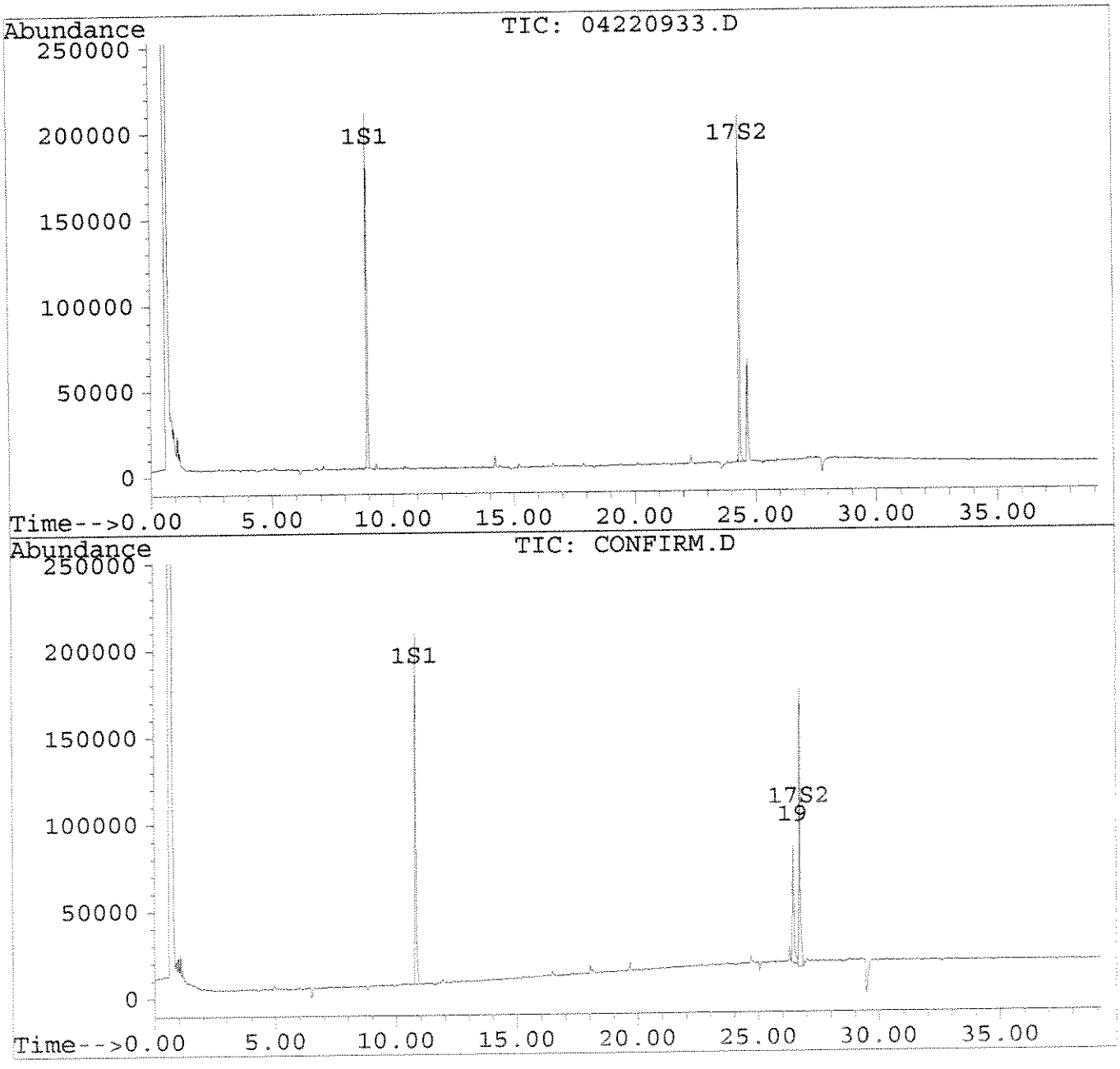
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220933.D Vial: 32
Signal #2 : C:\HPCHEM\5\DATA\042209\04220933.D\CONFIRM.D
Acq On : 23 Apr 09 03:04 PM Operator: GW
Sample : 1514.02 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 15:45 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220934.D Vial: 33
Signal #2 : C:\HPCHEM\5\DATA\042209\04220934.D\CONFIRM.D
Acq On : 23 Apr 09 03:48 PM Operator: GW
Sample : 1494.05 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 16:28 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	717102	817417	70.64	92.49	#
17)	S2 dibutyl chlorendate	24.33	26.72	863924	760651	97.47	128.56	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	16.47f	0	14236	N.D.	N.D.	
5)	aldrin	15.19f	0.00	7818	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	0.00	0	0	N.D.	N.D.	
9)	endosulfan 1	18.45f	20.67f	8105	2008	N.D.	N.D.	
10)	pp DDE	18.45	0.00	8105	0	N.D.	N.D.	
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	23.39	25.25	18426	22546	N.D.	N.D.	
19)	methoxychlor	0.00	26.44	0	54704	N.D.	0.26	#

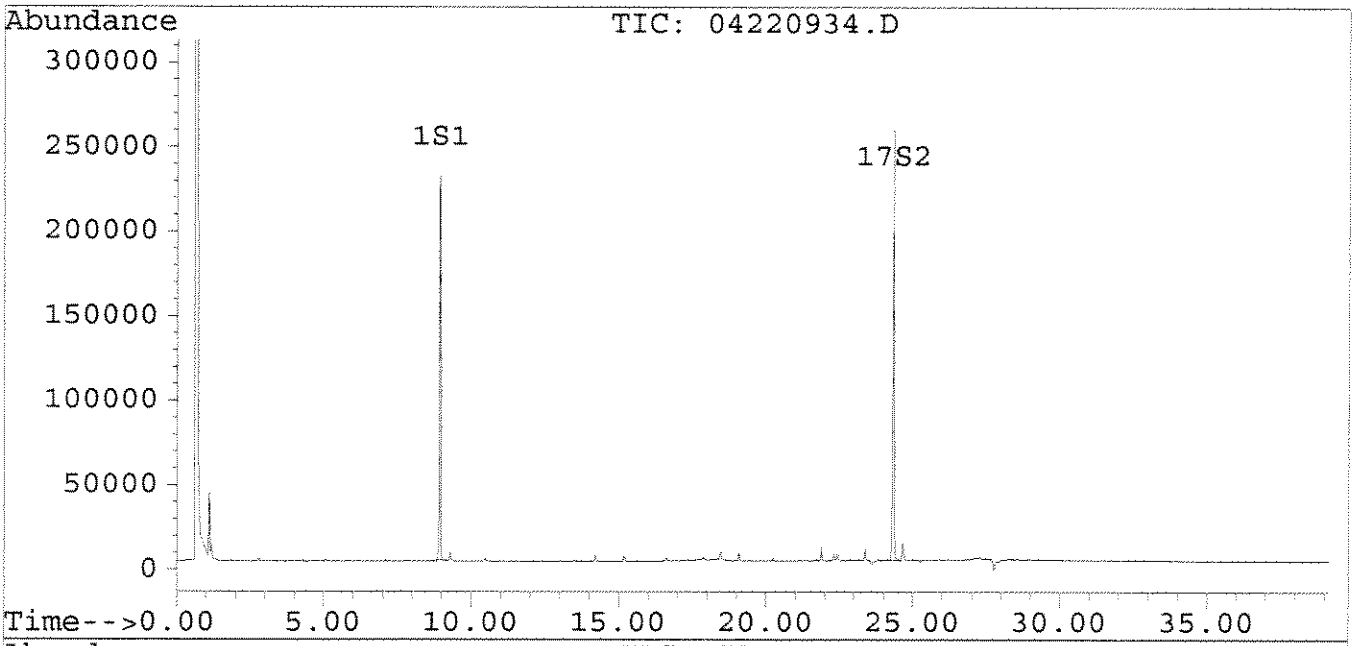
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

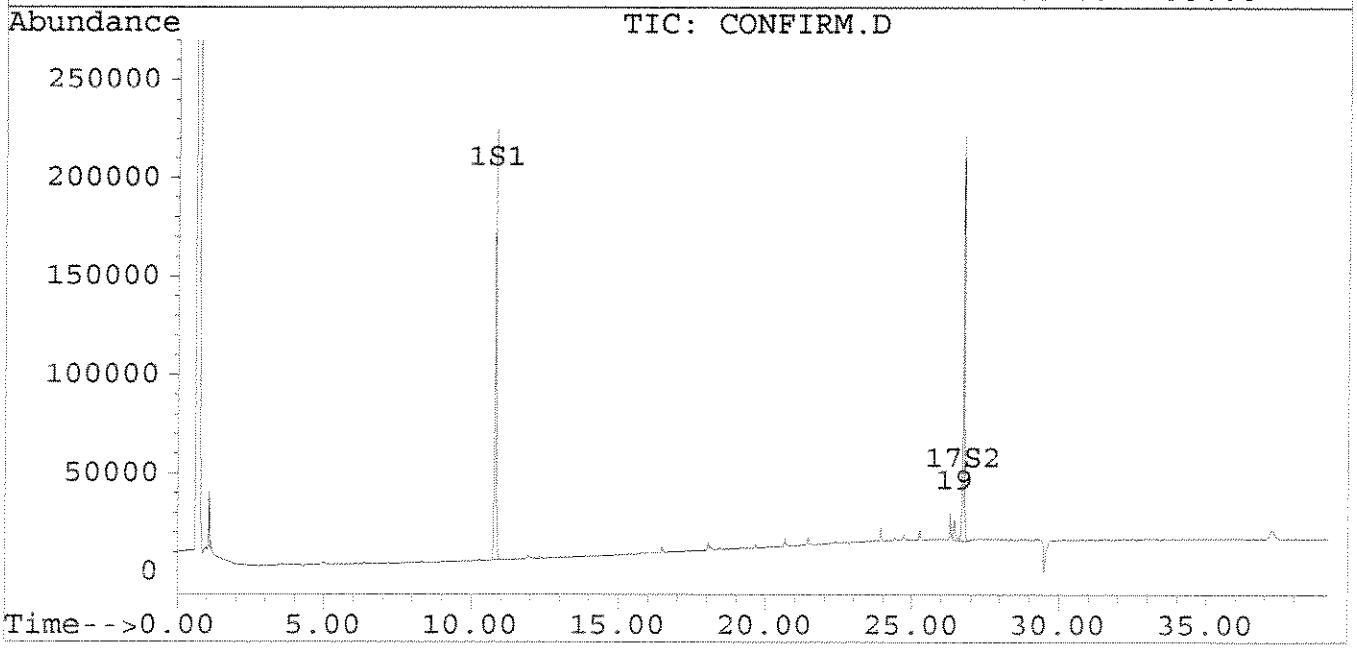
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220934.D Vial: 33
Signal #2 : C:\HPCHEM\5\DATA\042209\04220934.D\CONFIRM.D
Acq On : 23 Apr 09 03:48 PM Operator: GW
Sample : 1494.05 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 16:28 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220935.D Vial: 34
Signal #2 : C:\HPCHEM\5\DATA\042209\04220935.D\CONFIRM.D
Acq On : 23 Apr 09 04:31 PM Operator: GW
Sample : 1536.01 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 17:12 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	437017	448546	43.05	50.75	
17)	S2 dibutyl chlorendate	24.33	26.72	352011	296174	39.71	50.06	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	12.41	0.00	2252	0	N.D.	N.D.	
4)	heptachlor	0.00	16.47f	0	14758	N.D.	N.D.	
5)	aldrin	15.19f	0.00	19962	0	0.01	N.D.	#
6)	beta BHC	12.79	15.20	17824	23920	N.D.	N.D.	
7)	delta BHC	0.00	16.27	0	21815	N.D.	0.00	#
8)	heptachlor epoxide	17.15f	0.00	27103	0	N.D.	N.D.	
9)	endosulfan 1	18.64f	0.00	3139	0	N.D.	N.D.	
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.	
11)	dieldrin	19.20f	0.00	2238	0	N.D.	N.D.	
12)	endrin	19.97	0.00	13770	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.44	0	40143	N.D.	0.17	#

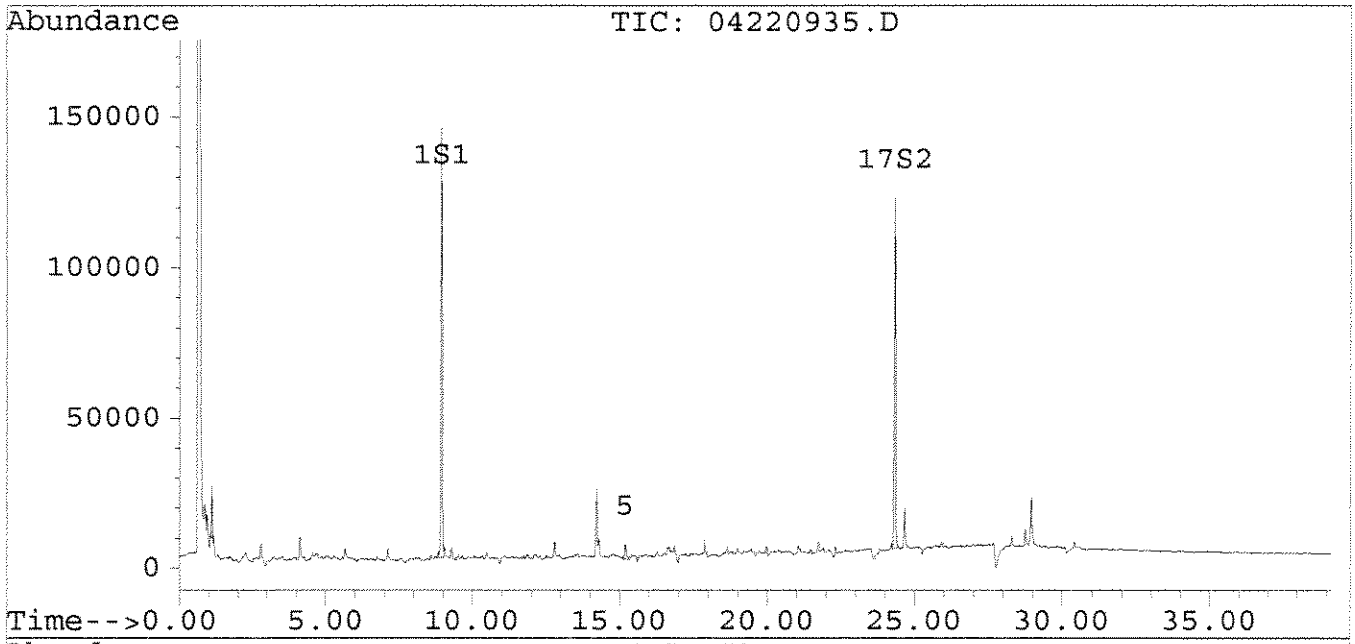
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

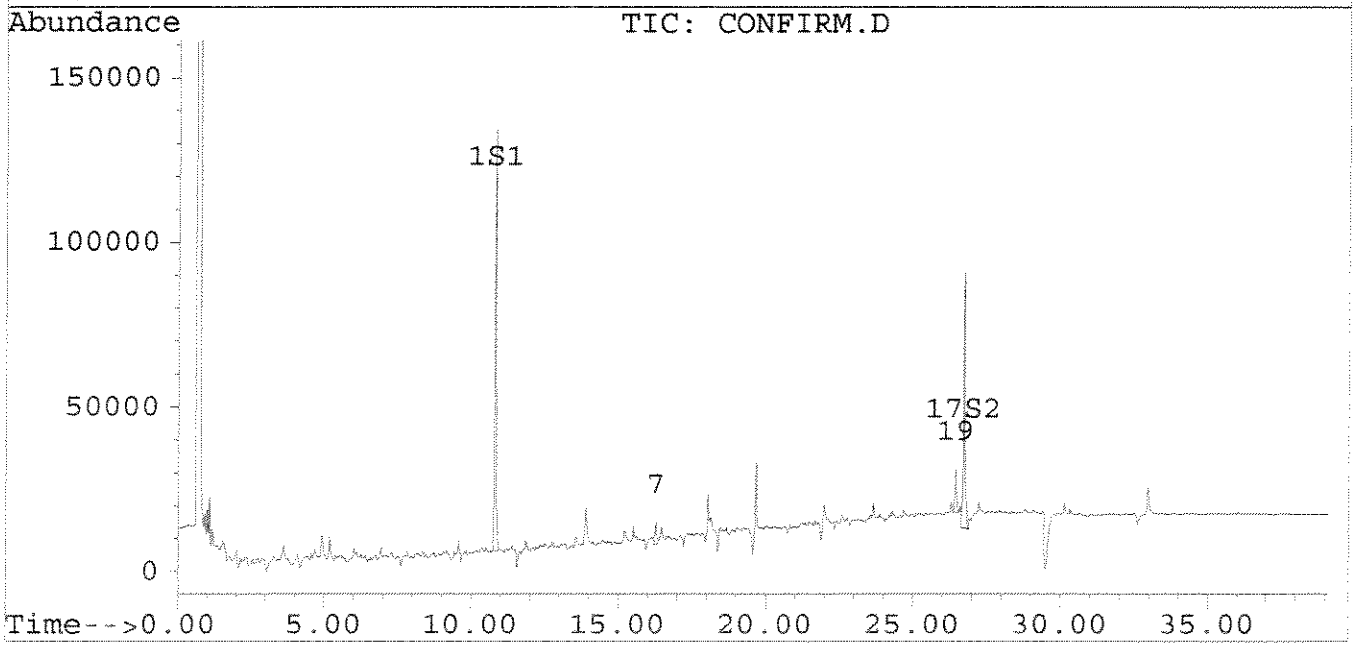
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220935.D Vial: 34
Signal #2 : C:\HPCHEM\5\DATA\042209\04220935.D\CONFIRM.D
Acq On : 23 Apr 09 04:31 PM Operator: GW
Sample : 1536.01 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 17:12 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220936.D Vial: 35
Signal #2 : C:\HPCHEM\5\DATA\042209\04220936.D\CONFIRM.D
Acq On : 23 Apr 09 05:14 PM Operator: GW
Sample : 1536.03 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 27 7:50 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	8.93	10.80	257676	265066	25.38	29.99	
17)	S2 dibutyl chlorendate	24.33	26.72	198864	234286	22.44	39.60	#
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	16.47f	0	32643	N.D.	N.D.	
5)	aldrin	15.07	0.00	3438	0	N.D.	N.D.	
6)	beta BHC	12.76f	0.00	17215	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	17.27	0.00	8579	0	N.D.	N.D.	
9)	endosulfan 1	18.55	0.00	8696	0	N.D.	N.D.	
10)	pp DDE	18.55f	0.00	8696	0	N.D.	N.D.	
11)	dieldrin	0.00	21.57f	0	12482	N.D.	N.D.	
12)	endrin	19.97	0.00	6038	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	0.00	0.00	0	0	N.D.	N.D.	
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.	
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	26.44	0	68857	N.D.	0.35	#

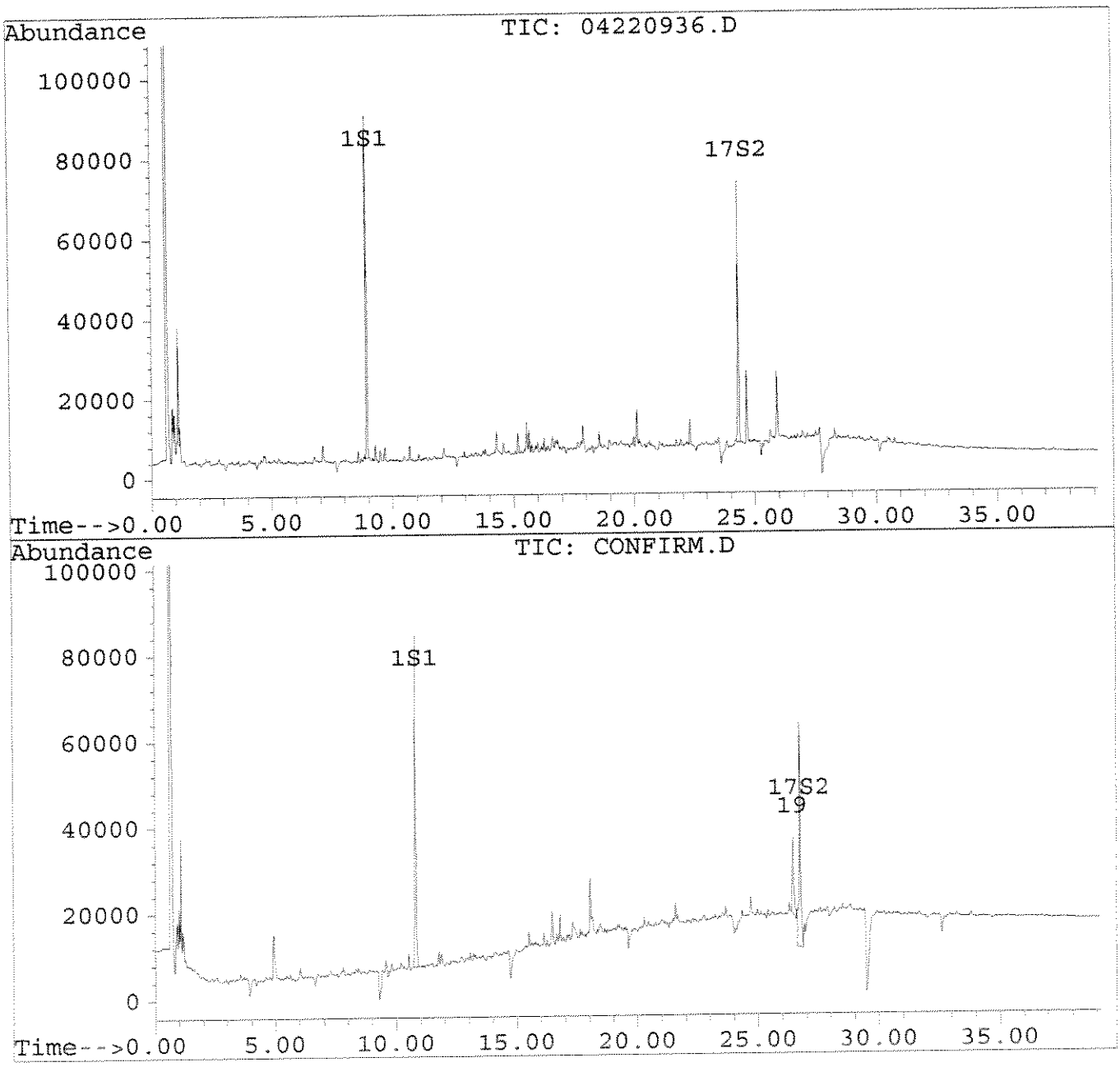
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220936.D Vial: 35
Signal #2 : C:\HPCHEM\5\DATA\042209\04220936.D\CONFIRM.D
Acq On : 23 Apr 09 05:14 PM Operator: GW
Sample : 1536.03 NC x1 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 27 7:50 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220937.D Vial: 36
Signal #2 : C:\HPCHEM\5\DATA\042209\04220937.D\CONFIRM.D
Acq On : 23 Apr 09 05:58 PM Operator: GW
Sample : 1254 1.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 18:39 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2	
	System Monitoring Compounds							
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.	
17)	S2 dibutyl chlorendate	0.00	0.00	0	0	N.D.	N.D.	
	Target Compounds							
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.	
3)	lindane	0.00	0.00	0	0	N.D.	N.D.	
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.	
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.	
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.	
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	heptachlor epoxide	0.00	19.43f	0	8873	N.D.	0.01	#
9)	endosulfan 1	18.56	0.00	11357	0	N.D.	N.D.	
10)	pp DDE	18.44	21.29	17721	6749	N.D.	N.D.	
11)	dieldrin	19.17f	21.67	7414	25110	N.D.	0.02	
12)	endrin	0.00	0.00	0	0	N.D.	N.D.	
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.	
14)	endosulfan 2	20.71	0.00	6508	0	N.D.	N.D.	
15)	pp DDT	21.43f	24.11	16615	30674	N.D.	0.04	
16)	endrin aldehyde	22.05	0.00	8918	0	N.D.	N.D.	
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.	
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.	

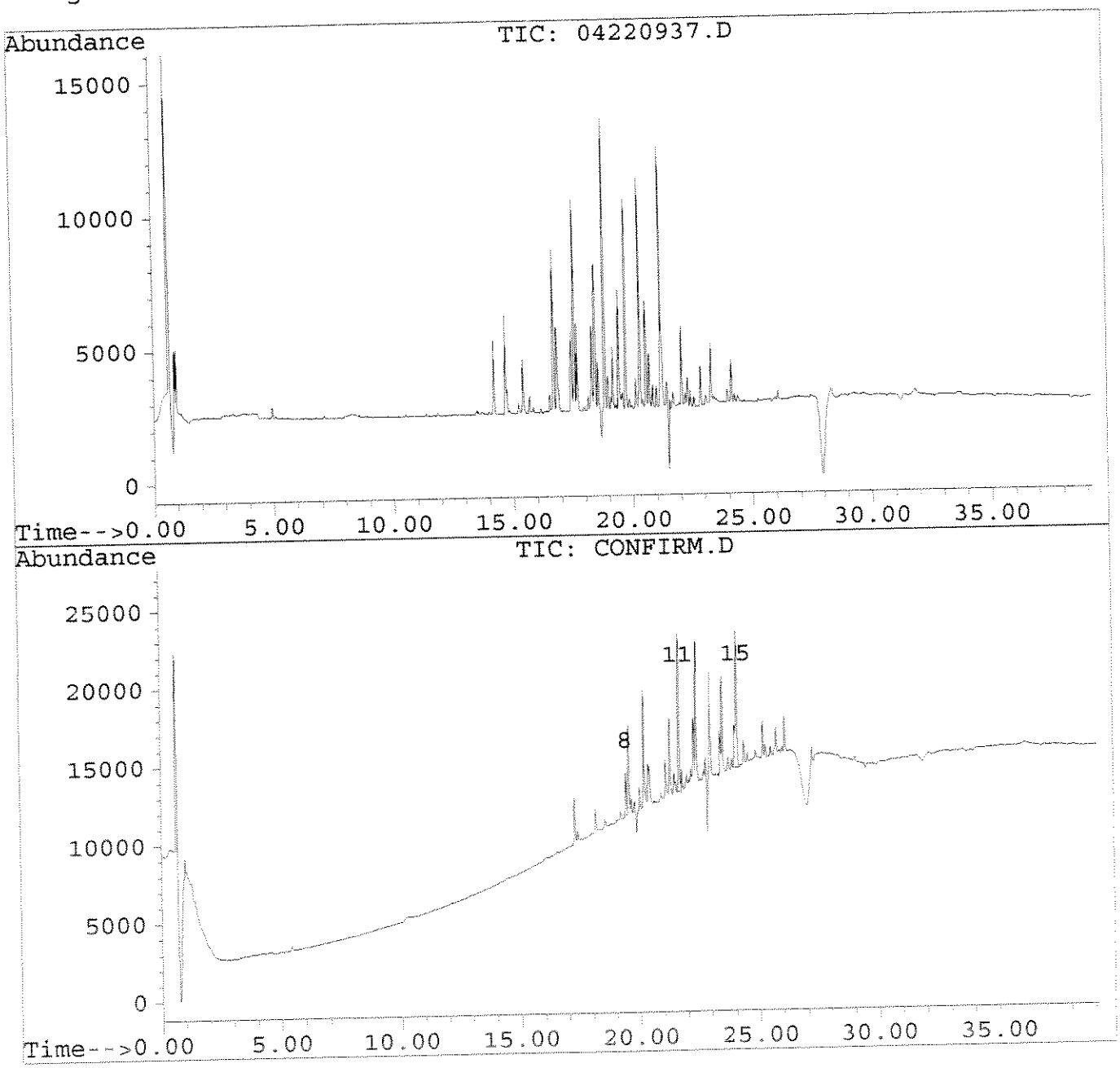
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220937.D Vial: 36
Signal #2 : C:\HPCHEM\5\DATA\042209\04220937.D\CONFIRM.D
Acq On : 23 Apr 09 05:58 PM Operator: GW
Sample : 1254 1.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 23 18:39 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220938.D Vial: 37
Signal #2 : C:\HPCHEM\5\DATA\042209\04220938.D\CONFIRM.D
Acq On : 23 Apr 09 06:41 PM Operator: GW
Sample : 1232 1.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 27 7:48 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.
17)	S2 dibutyl chlorendate	0.00	26.84f	0	147795	N.D.	24.98 #
	Target Compounds						
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3)	lindane	0.00	0.00	0	0	N.D.	N.D.
4)	heptachlor	14.00f	0.00	10701	0	N.D.	N.D.
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.
6)	beta BHC	0.00	15.11f	0	131240	N.D.	0.43 #
7)	delta BHC	13.48f	0.00	2418	0	N.D.	N.D.
8)	heptachlor epoxide	0.00	19.41f	0	26723	N.D.	0.05 #
9)	endosulfan 1	0.00	0.00	0	0	N.D.	N.D.
10)	pp DDE	0.00	0.00	0	0	N.D.	N.D.
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.
12)	endrin	0.00	0.00	0	0	N.D.	N.D.
13)	pp DDD	0.00	0.00	0	0	N.D.	N.D.
14)	endosulfan 2	20.72	0.00	6310	0	N.D.	N.D.
15)	pp DDT	0.00	0.00	0	0	N.D.	N.D.
16)	endrin aldehyde	0.00	0.00	0	0	N.D.	N.D.
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.

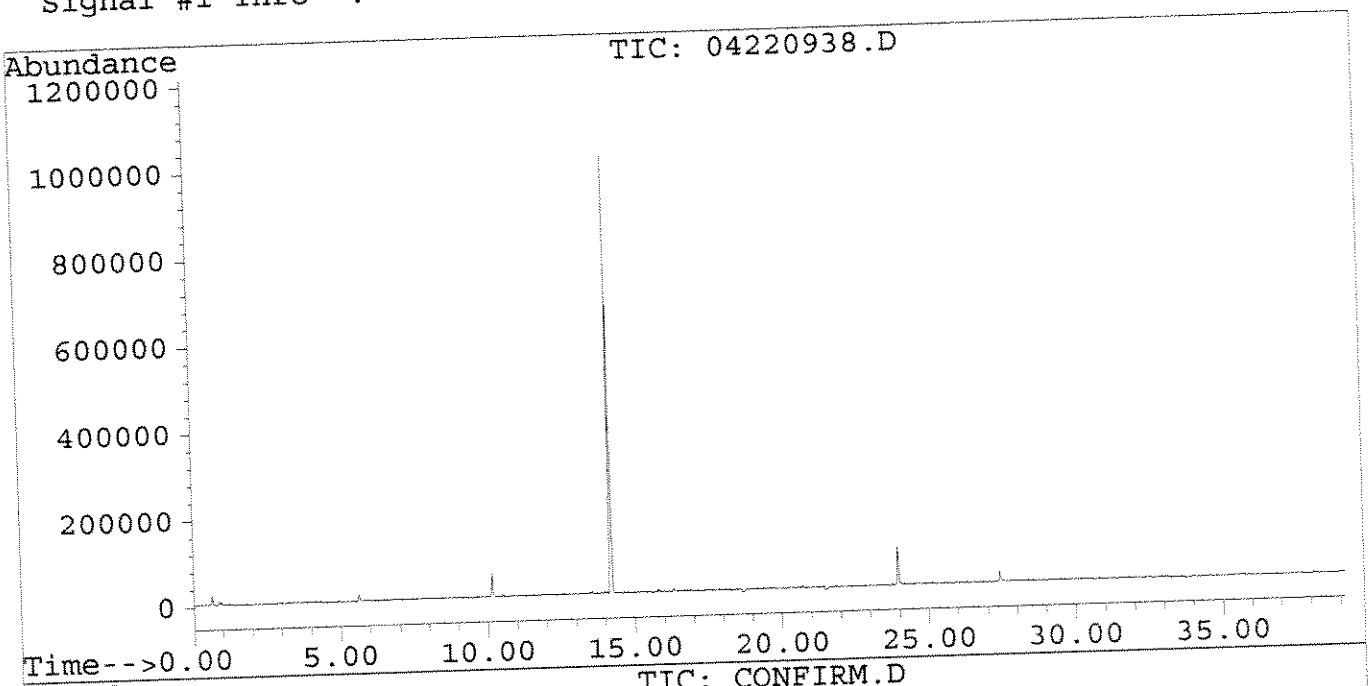
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

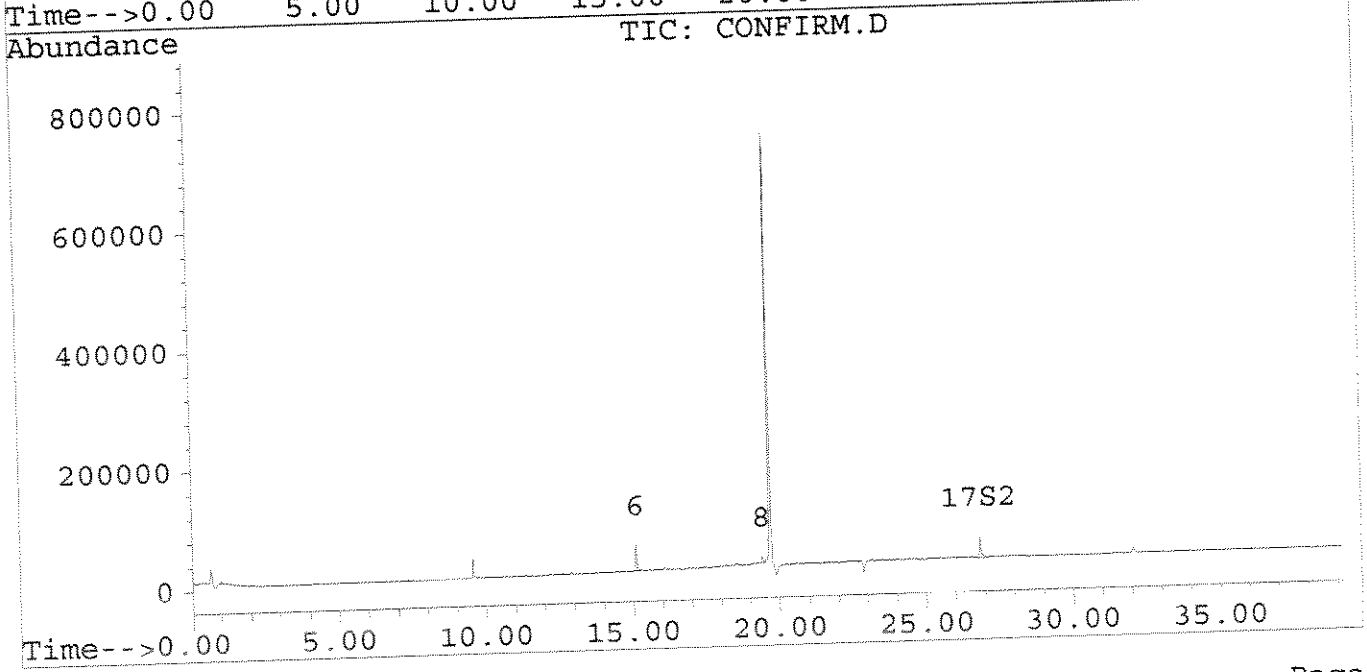
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220938.D Vial: 37
Signal #2 : C:\HPCHEM\5\DATA\042209\04220938.D\CONFIRM.D
Acq On : 23 Apr 09 06:41 PM Operator: GW
Sample : 1232 1.0 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 27 7:48 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\042209\04220939.D Vial: 38
Signal #2 : C:\HPCHEM\5\DATA\042209\04220939.D\CONFIRM.D
Acq On : 23 Apr 09 07:25 PM Operator: GW
Sample : rmp 1.6 Inst : SVGC2
Misc : Multiplr: 1.00
Quant Time: Apr 27 7:45 19109

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.
17)	S2 dibutyl chlorendate	0.00	26.85f	0	23489	N.D.	3.97 #
	Target Compounds						
2)	alpha BHC	11.17	13.39	902358	905225	1.09	1.43 #
3)	lindane	12.39	14.77	841858	861145	1.14	1.51 #
4)	heptachlor	14.08	16.35	827709	820146	1.32	1.98 #
5)	aldrin	15.09	17.44	824651	799015	1.16	1.52 #
6)	beta BHC	12.80	15.17	400974	432399	1.18	1.65 #
7)	delta BHC	13.39	16.21	853819	852034	1.14	1.53 #
8)	heptachlor epoxide	17.21	19.47	789414	698702	1.29	1.52
9)	endosulfan 1	18.55	20.72	778784	713369	1.38	1.56
10)	pp DDE	18.45	21.29	735548	818040	1.12	1.72 #
11)	dieldrin	19.24	21.63	798683	743022	1.51	1.57
12)	endrin	19.95	22.57	746332	660976	1.66	1.67
13)	pp DDD	20.44	23.15	653426	633724	1.45	1.86 #
14)	endosulfan 2	20.68	23.28	771322	686296	1.33	1.58
15)	pp DDT	21.32	24.12	704869	685965	1.33	1.96 #
16)	endrin aldehyde	22.04	24.37	631146	587378	1.60	1.75
18)	endosulfan sulfate	23.39	25.25	718896	645222	1.24	1.70 #
19)	methoxychlor	23.00	26.37	385646	322930	1.56	2.03 #

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

Quantitation Report

Vial: 38

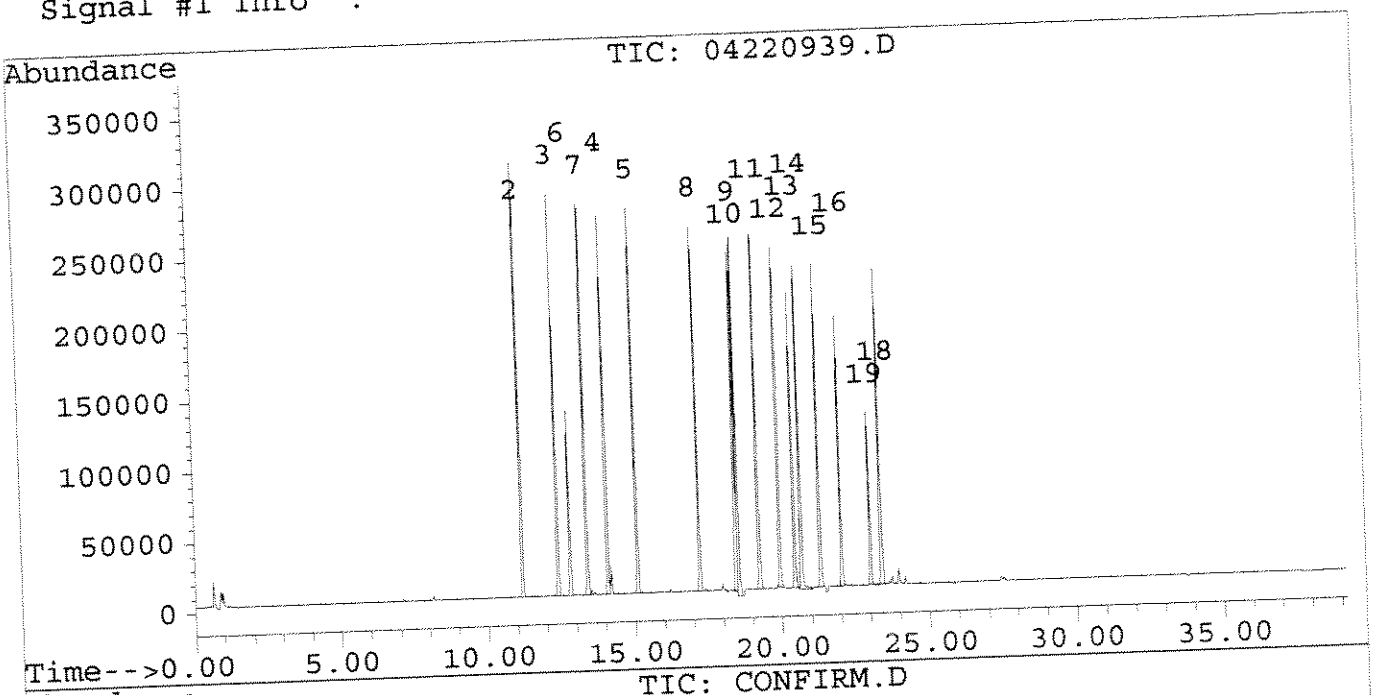
Signal #1 : C:\HPCHEM\5\DATA\042209\04220939.D
Signal #2 : C:\HPCHEM\5\DATA\042209\04220939.D\CONFIRM.D
Acq On : 23 Apr 09 07:25 PM
Sample : rmp 1.6
Misc :
Quant Time: Apr 27 7:45 19109

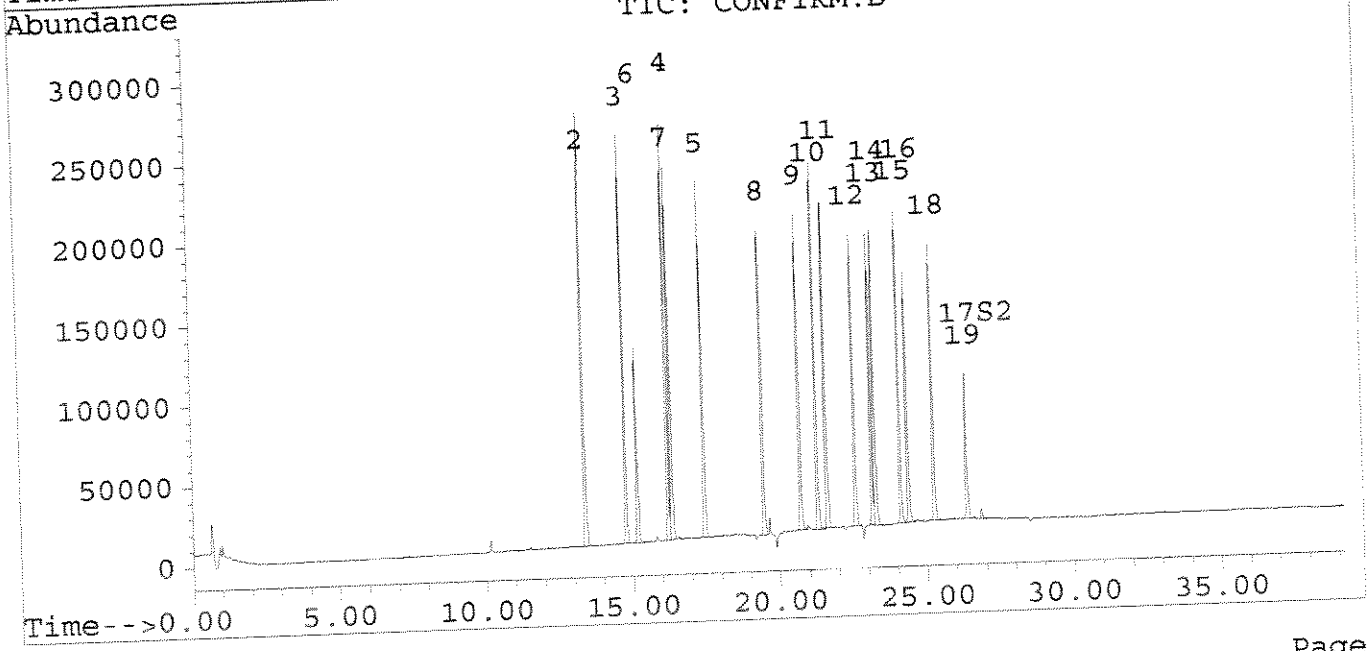
Operator: GW
Inst : SVGC2
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

Signal #2 Phase:
Signal #2 Info :





Quantitation Report

Vial: 39

Signal #1 : C:\HPCHEM\5\DATA\042209\04220940.D
Signal #2 : C:\HPCHEM\5\DATA\042209\04220940.D\CONFIRM.D
Acq On : 23 Apr 09 08:08 PM
Sample : endrin + ppDDT
Misc :
Quant Time: Apr 23 20:49 19109

Operator: GW
Inst : SVGC2
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

Signal #2 Phase:
Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	System Monitoring Compounds						
1)	S1 tetrachloro-m-xylene	0.00	0.00	0	0	N.D.	N.D.
17)	S2 dibutyl chlorendate	0.00	26.85f	0	33314	N.D.	5.63 #
	Target Compounds						
2)	alpha BHC	0.00	0.00	0	0	N.D.	N.D.
3)	lindane	0.00	0.00	0	0	N.D.	N.D.
4)	heptachlor	0.00	0.00	0	0	N.D.	N.D.
5)	aldrin	0.00	0.00	0	0	N.D.	N.D.
6)	beta BHC	0.00	0.00	0	0	N.D.	N.D.
7)	delta BHC	0.00	0.00	0	0	N.D.	N.D.
8)	heptachlor epoxide	0.00	19.40f	0	52803	N.D.	0.11 #
9)	endosulfan 1	18.55	0.00	56319	0	0.04	N.D. #
10)	pp DDE	18.55f	21.29	56319	10609	0.05	0.00 #
11)	dieldrin	0.00	0.00	0	0	N.D.	N.D.
12)	endrin	19.95	22.57	914397	820504	2.05	2.09
13)	pp DDD	20.44	23.15	4698	17030	N.D.	0.00
14)	endosulfan 2	20.73	0.00	2217	0	N.D.	N.D.
15)	pp DDT	21.32	24.12	861337	849754	1.63	2.44 #
16)	endrin aldehyde	22.04	24.37	15755	4387	N.D.	N.D.
18)	endosulfan sulfate	0.00	0.00	0	0	N.D.	N.D.
19)	methoxychlor	0.00	0.00	0	0	N.D.	N.D.

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

Quantitation Report

Vial: 39

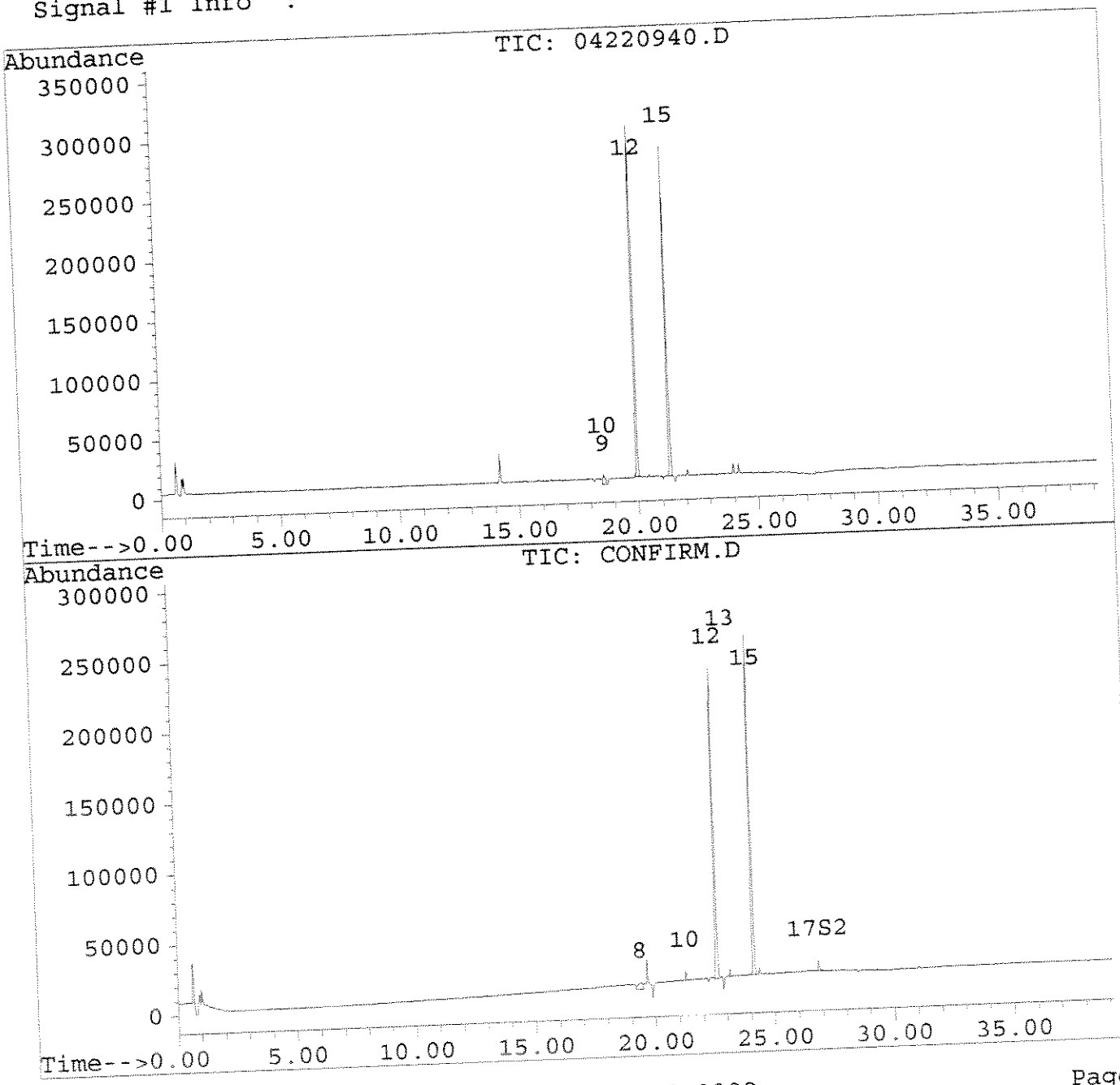
Signal #1 : C:\HPCHEM\5\DATA\042209\04220940.D
Signal #2 : C:\HPCHEM\5\DATA\042209\04220940.D\CONFIRM.D
Acq On : 23 Apr 09 08:08 PM
Sample : endrin + ppDDT
Misc :
Quant Time: Apr 23 20:49 19109

Operator: GW
Inst : SVGC2
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\RMPN1.M
Title : Restek 608 pesticides
Last Update : Thu Feb 26 13:54:45 2009
Response via : Single Level Calibration

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

Signal #2 Phase:
Signal #2 Info :



PCBS - QC DELIVERABLES

Conformance/Nonconformance Summary for PCBs

samples: **291490.01**
291490.03

QC criteria were met for the following unless stated otherwise:

Method blank

Surrogate recoveries

Matrix spike and matrix spike duplicate RPD

Matrix spike and matrix spike duplicate % recoveries

Holding time

Initial instrument calibration and continuing calibration

PCB LAB CHRONICLE

lab number	sample	date collected	date received	date of extraction	holding time (days) before extraction	date of analysis	holding time (days) after extraction
291490.01	water,MW-106	04/17/09	04/17/09	04/23/09	6	04/24/09	1
291490.03	water,MW-119	04/17/09	04/17/09	04/23/09	6	04/24/09	1

Samples were received in good condition.

1D

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Method Blank

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 04/23/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 04/24/09

Injection Volume: 1 (uL) Dilution Factor: 0.10

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.01

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/17/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 04/23/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 04/24/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

291490.03

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 2000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/17/09

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 04/23/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 04/24/09

Injection Volume: 1 (uL) Dilution Factor: 0.05

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Spike

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 04/23/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 04/24/09

Injection Volume: 1 (uL) Dilution Factor: 0.10

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.29	
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Spike Duplicate

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 04/23/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 04/24/09

Injection Volume: 1 (uL) Dilution Factor: 0.10

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.29	
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS

Lab Name: EcoTest Labs, Inc Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) water Lab Sample ID: _____

Sample wt/vol: 1000.0 (g/mL) ml Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) SepF Date Extracted: 04/23/09

Concentrated Extract Volume: 1 (mL) Date Analyzed: 04/24/09

Injection Volume: 1 (uL) Dilution Factor: 0.10

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor 1016	0.065	U
1104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.24	

PCB's ANALYTICAL SEQUENCE

Surrogate RT from initial cal. DCB : 26.87			
Lab No	Date analyzed	Time analyzed	DCB # RT
aroclor 1232 6.0 ug/L	04/23/09	1001	
aroclor 1016/1260 0.5 ug/L	04/23/09	1034	
aroclor 1016/1260 1.0 ug/L	04/23/09	1107	
aroclor 1016/1260 3.0 ug/L	04/23/08	1140	
aroclor 1016/1260 6.0 ug/L	04/23/09	1214	
aroclor 1016/1260 9.0 ug/L	04/23/09	1247	
DCB surrogate	04/23/09	1320	26.87
aroclor 1254 6.0 ug/L	04/23/09	1353	
water method blank x0.1	04/23/09	1426	
water lcs nc x0.1	04/23/09	1500	26.66
291406.00 6% x0.05	04/23/09	1533	26.88
aroclor 1016 reference	04/23/09	1606	
aroclor 1260 reference	04/23/09	1639	
aroclor 1221 1.0 ug/L	04/23/09	1720	
aroclor 1248 1.0 ug/L	04/23/09	1753	
291446.01 6% x0.05	04/23/09	1826	26.88
291446.03 nc x0.05	04/23/09	1859	26.87
291446.05 nc x0.05	04/23/09	1932	26.87
291475.01 6% x0.05	04/23/09	2005	26.87
291475.03 6% x0.05, MS	04/23/09	2039	26.87
291475.05 6% x0.05, MSD	04/23/09	2112	26.87
291475.07 nc x0.05	04/23/09	2145	26.87
291475.09 nc x0.05	04/23/09	2218	26.87
aroclor 1221 6.0 ug/L	04/23/09	2251	
aroclor 1016/1260 3.0 ug/L	04/23/09	2325	
aroclor 1254 1.0 ug/L	04/23/09	2358	
291475.11 nc x0.05	04/24/09	0031	26.87
291475.13 nc x0.05	04/24/09	0104	26.87
291475.15 nc x0.05	04/24/09	0137	26.87
aroclor 1242 6.0 ug/L	04/24/09	0211	
water method blank x0.1	04/24/09	0244	26.87
water lcs nc x0.1	04/24/09	0317	26.87
291489.01 6% x0.05	04/24/09	0350	26.87
291489.02 6% x0.05	04/24/09	0423	26.87
291490.01 nc x0.05	04/24/09	0457	26.86
291490.03 nc x0.05	04/24/09	0530	26.86
aroclor 1248 6.0 ug/L	04/24/09	0603	
291514.02 nc x0.05	04/24/09	0636	26.86
291541.00 nc x0.05	04/24/09	0709	26.87
aroclor 1232 1.0 ug/L	04/24/09	0742	
aroclor 1242 1.0 ug/L	04/24/09	0816	
water spike 6% x0.1	04/24/09	0849	26.88
water spike 6% x0.1	04/24/09	0922	
aroclor 1016/1260 6.0 ug/L	04/24/09	0955	
aroclor 1254 6.0 ug/L	04/24/09	1028	
aroclor 1254 reference	04/24/09	1101	
aroclor 1232 1.0 ug/L	04/24/09	1543	

4C

PCB METHOD BLANK SUMMARY

SAMPLE NO.

Method Blank

Lab Name: Eco-Test Labs, Inc. Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Lab Sample ID: Method Blank Lab File ID: _____

Matrix: (soil/water) water Extraction (SepF/Cont/Sonc) Sep F

Sulfur Cleanup: (Y/N) _____ Date Extracted: 04/23/09

Date Analyzed (1): 04/24/09 Date Analyzed (2): _____

Time Analyzed (1): 2:44 Time Analyzed (2): _____

Instrument ID (1):SVGC#7 Instrument ID (2): _____

GC Column (1):Agilent DB-608 ID:0.53 _____ (mm) GC Column (2): _____ ID: ____ (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	291489.01			04/24/09
02	291489.02			04/24/09
03	291490.01			04/24/09
04	291490.03			04/24/09
05	291514.02			04/24/09
06	291541.00			04/24/09
07	Spike			04/24/09
08	Spike Duplicate			04/24/09
09	LCS			04/24/09
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

COMMENTS:

Method 608
instrument: SVGC 7, H.P. 6890
primary column: DB-608, 30 m, 0.53 mm, 0.5 um

INSTRUMENT DETECTION LIMITS

compound	MDL ug/L	PQL ug/L
aroclor 1016	0.106	1
aroclor 1221	nd	1
aroclor 1232	nd	1
aroclor 1242	nd	1
aroclor 1248	nd	1
aroclor 1254	nd	1
aroclor 1260	0.056	1

PCB RETENTION TIME WINDOWS

instrument: SVGC 7, H.P. 6890
primary column: DB-608, 30 m, 0.53 mm, 0.5 um

compound	retention time	retention time window from	to	1.0	3.0	6.0	9.0	average	std. dev.
1016(1)	5.28	5.26	5.29	5.27	5.28	5.28	5.28	5.28	0.005
1016(2)	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	0.000
1016(3)	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11	0.000
1016(4)	8.78	8.76	8.79	8.78	8.77	8.78	8.78	8.78	0.005
1016(5)	10.94	10.94	10.94	10.94	10.94	10.94	10.94	10.94	0.000
1260(1)	16.80	16.78	16.81	16.79	16.80	16.80	16.79	16.80	0.006
1260(2)	17.35	17.33	17.36	17.34	17.34	17.35	17.35	17.35	0.006
1260(3)	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	0.000
1260(4)	21.76	21.76	21.76	21.76	21.76	21.76	21.76	21.76	0.000
1260(5)	23.33	23.31	23.34	23.33	23.33	23.33	23.32	23.33	0.005

PCB target compounds

aroclor 1016
aroclor 1221
aroclor 1232
aroclor 1242
aroclor 1248
aroclor 1254
aroclor 1260

Initial Calibration Data
Aroclors 1016/1260

6F

PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: EcoTest Labs,Inc. Contract:

Project No.: Site: Location: Group:

Instrument ID: SVGC7 Date(s) Analyzed: 04/23/09

GC Column: DB-608 ID: 0.53 (mm)

COMPOUND	AMOUNT	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor 1016	0.5ug/L	*1	5.28	5.26	5.29	2.156
		*2	6.70	6.70	6.70	5.408
		*3	8.11	8.11	8.11	9.825
		4	8.77	8.76	8.79	3.268
		5	10.95	10.94	10.94	3.713
	1.0ug/L	*1	5.27	5.26	5.29	2.123
		*2	6.70	6.70	6.70	5.369
		*3	8.11	8.11	8.11	9.954
		4	8.78	8.76	8.79	3.388
		5	10.94	10.94	10.94	3.680
	3.0ug/L	*1	5.28	5.26	5.29	1.941
		*2	6.70	6.70	6.70	4.948
		*3	8.11	8.11	8.11	9.580
		4	8.77	8.76	8.79	3.055
		5	10.94	10.94	10.94	3.454
	6.0ug/L	*1	5.28	5.26	5.29	1.793
		*2	6.70	6.70	6.70	4.474
		*3	8.11	8.11	8.11	8.911
		4	8.78	8.76	8.79	2.697
		5	10.94	10.94	10.94	3.109
	9.0ug/L	*1	5.28	5.26	5.29	1.783
		*2	6.70	6.70	6.70	4.499
		*3	8.11	8.11	8.11	9.158
		4	8.78	8.76	8.79	2.719
		5	10.94	10.94	10.94	3.111
		*1				
		*2				
		*3				
		4				
		5				
		*1				
		*2				
		*3				
		4				
		5				

* Denotes required peaks

6F

PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: EcoTest Labs,Inc. Contract:

Project No.: Site: Location: Group:

Instrument ID: SVGC7 Date(s) Analyzed: 04/23/09

GC Column: DB-608 ID: 0.53 (mm)

COMPOUND	AMOUNT	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor 1260	0.5ug/L	*1	16.80	16.78	16.81	6.028
		*2	17.35	17.33	17.36	7.444
		*3	21.17	21.17	21.17	5.132
		4	21.76	21.76	21.76	1.101
		5	23.34	23.31	23.34	5.366
	1.0ug/L	*1	16.79	16.78	16.81	6.410
		*2	17.34	17.33	17.36	7.423
		*3	21.17	21.17	21.17	5.286
		4	21.76	21.76	21.76	1.128
		5	23.33	23.31	23.34	5.696
	3.0ug/L	*1	16.80	16.78	16.81	5.817
		*2	17.34	17.33	17.36	6.889
		*3	21.17	21.17	21.17	5.121
		4	21.76	21.76	21.76	1.123
		5	23.33	23.31	23.34	5.433
	6.0ug/L	*1	16.80	16.78	16.81	5.448
		*2	17.35	17.33	17.36	6.485
		*3	21.17	21.17	21.17	4.903
		4	21.76	21.76	21.76	1.102
		5	23.33	23.31	23.34	5.443
	9.0ug/L	*1	16.79	16.78	16.81	5.501
		*2	17.35	17.33	17.36	6.583
		*3	21.17	21.17	21.17	4.982
		4	21.76	21.76	21.76	1.136
		5	23.32	23.31	23.34	5.474
		*1				
		*2				
		*3				
		4				
		5				
		*1				
		*2				
		*3				
		4				
		5				

* Denotes required peaks

Response Factor Report gc7

Method : C:\MSDCHEM\1\METHODS\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009

Calibration Files
0.5 =04230902.D 1.0 =04230903.D 3.0 =04230904.D
6.0 =04230905.D 9.0 =04230906.D 100 =04230907.D

	Compound	0.5	1.0	3.0	6.0	9.0	100	Avg	%RSD
1) S	decachlorobiphen						4.288	4.288 E7	0.00
2) L1	1016(1)	2.156	2.123	1.941	1.793	1.783		1.959 E8	9.02
3) L1	1016(2)	5.408	5.369	4.948	4.474	4.499		4.939 E8	9.13
4) L1	1016(3)	9.825	9.954	9.580	8.911	9.158		9.485 E8	4.66
5) L1	1016(4)	3.268	3.388	3.055	2.697	2.719		3.025 E8	10.35
6) L1	1016(5)	3.713	3.680	3.454	3.109	3.111		3.413 E8	8.62
7) L2	1260(6)	6.028	6.410	5.817	5.448	5.501		5.841 E8	6.79
8) L2	1260(7)	7.444	7.423	6.889	6.485	6.583		6.965 E8	6.50
9) L2	1260(8)	5.132	5.286	5.121	4.903	4.982		5.085 E8	2.91
10) L2	1260(9)	1.101	1.128	1.123	1.102	1.136		1.118 E9	1.41
11) L2	1260(10)	5.366	5.696	5.433	5.443	5.474		5.483 E8	2.29

(#) = Out of Range

PCBSF042309.M Wed May 06 15:28:17 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230902.D Vial: 2
Acq On : 23 Apr 2009 10:34 am Operator: K.B.
Sample : 1016/1260 0.5 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:23:22 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Mon Apr 13 09:49:48 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

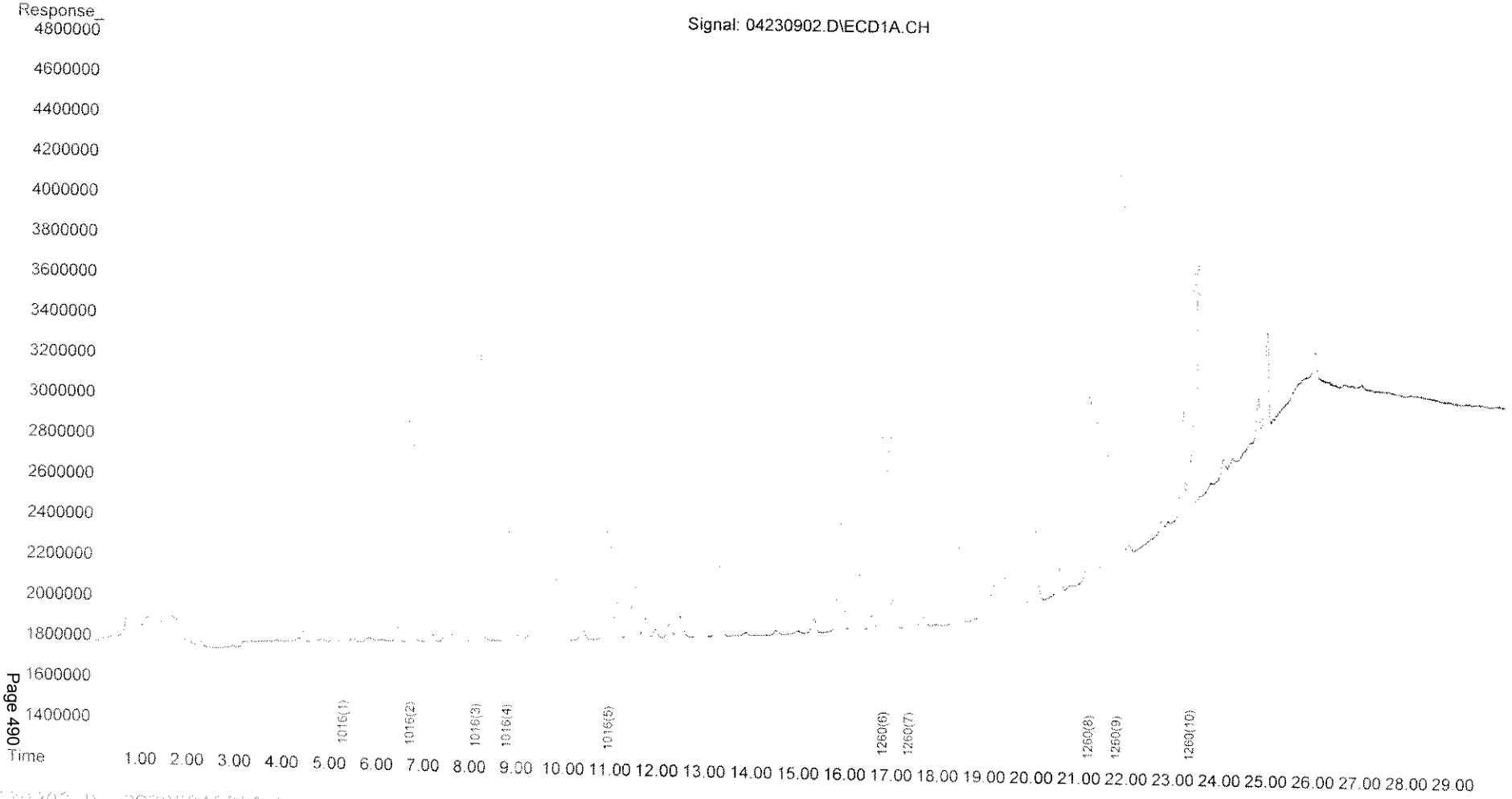
Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	0.00	0	N.D.		
Target Compounds					
2) L1 1016(1)	5.28	21563322	0.089	ppb	
3) L1 1016(2)	6.70	54075020	0.087	ppb	
4) L1 1016(3)	8.11	98248887	0.098	ppb	
5) L1 1016(4)	8.77	32676231	0.076	ppb	m
6) L1 1016(5)	10.95	37127147	0.087	ppb	m
Sum 1016(1)		243.7E6	0.438	ppb	
Average 1016(1)			0.088	ppb	
7) L2 1260(6)	16.80	60275551	0.090	ppb	m
8) L2 1260(7)	17.35	74436252	0.096	ppb	
9) L2 1260(8)	21.17	51322654	0.095	ppb	
10) L2 1260(9)	21.76	110136616	0.106	ppb	
11) L2 1260(10)	23.34	53664850	0.089	ppb	m
Sum 1260(6)		349.8E6	0.477	ppb	
Average 1260(6)			0.095	ppb	

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230902.D Vial: 2
Acq On : 23 Apr 2009 10:34 am Operator: K.B.
Sample : 1016/1260 0.5 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:23 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Mon Apr 13 09:49:48 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230903.D Vial: 3
Acq On : 23 Apr 2009 11:07 am Operator: K.B.
Sample : 1016/1260 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:24:35 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:24:22 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units	
System Monitoring Compounds				
1) S decachlorobiphenyl	0.00	0	N.D.	
Target Compounds				
2) L1 1016(1)	5.27	42464120	0.207 ppb	
3) L1 1016(2)	6.70	107371730	0.207 ppb	
4) L1 1016(3)	8.11	199080544	0.209 ppb	
5) L1 1016(4)	8.78	67751122	0.208 ppb	m
6) L1 1016(5)	10.94	73601622	0.205 ppb	
Sum 1016(1)		490.3E6	1.036 ppb	
Average 1016(1)			0.207 ppb	
7) L2 1260(6)	16.79	128199609	0.215 ppb	
8) L2 1260(7)	17.34	148460726	0.210 ppb	
9) L2 1260(8)	21.17	105710333	0.205 ppb	
10) L2 1260(9)	21.76	225617844	0.207 ppb	
11) L2 1260(10)	23.33	113923241	0.201 ppb	m
Sum 1260(6)		721.9E6	1.038 ppb	
Average 1260(6)			0.208 ppb	

Quantitation Report (QT Reviewed)

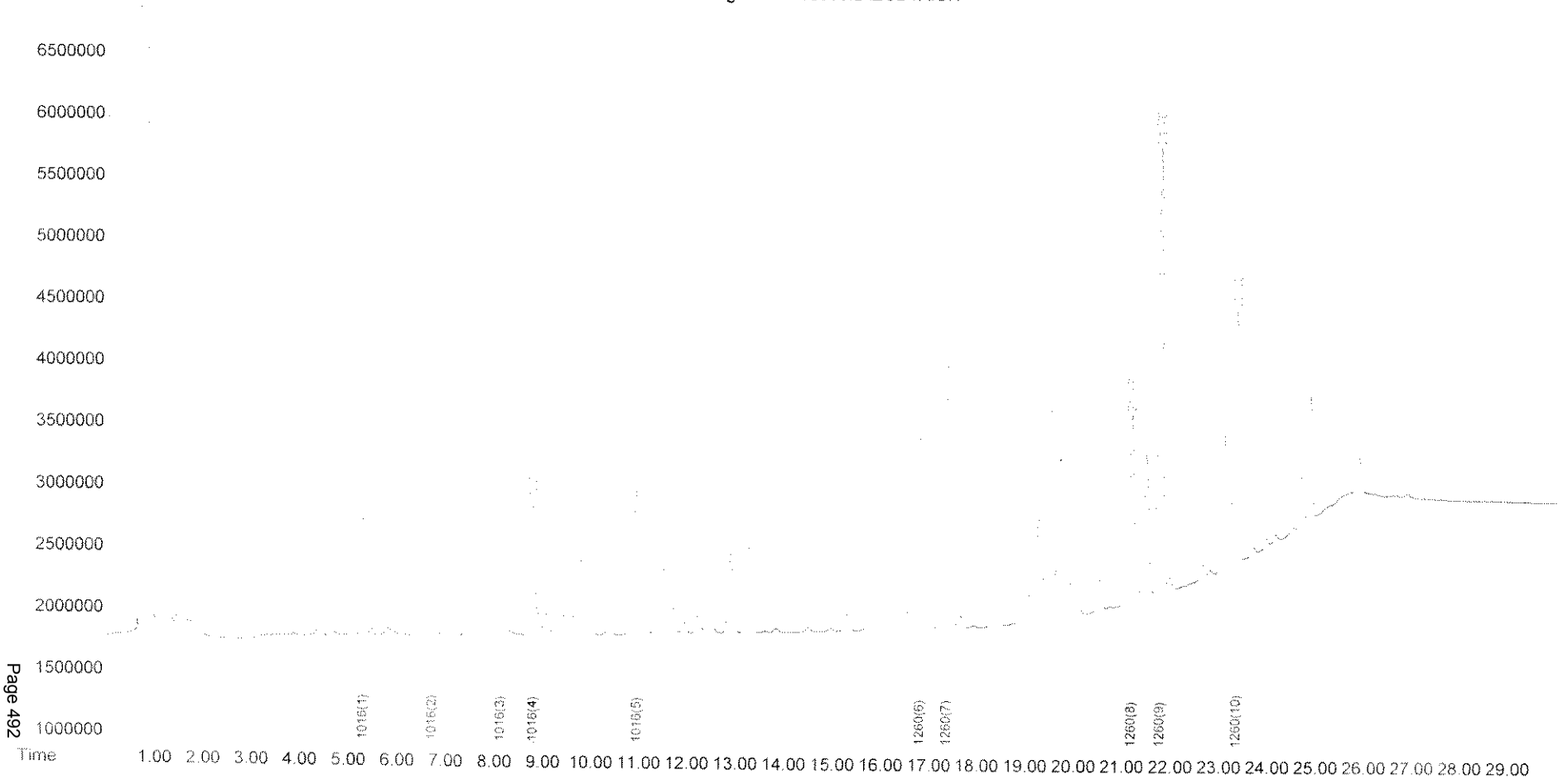
Data File : C:\MSDCHEM\1\DATA\042309F\04230903.D Vial: 3
Acq On : 23 Apr 2009 11:07 am Operator: K.B.
Sample : 1016/1260 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:24 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:24:22 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Response_

Signal: 04230903.D\ECD1A.CH



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230904.D Vial: 4
Acq On : 23 Apr 2009 11:40 am Operator: K.B.
Sample : 1016/1260 3.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:25:22 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:25:07 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

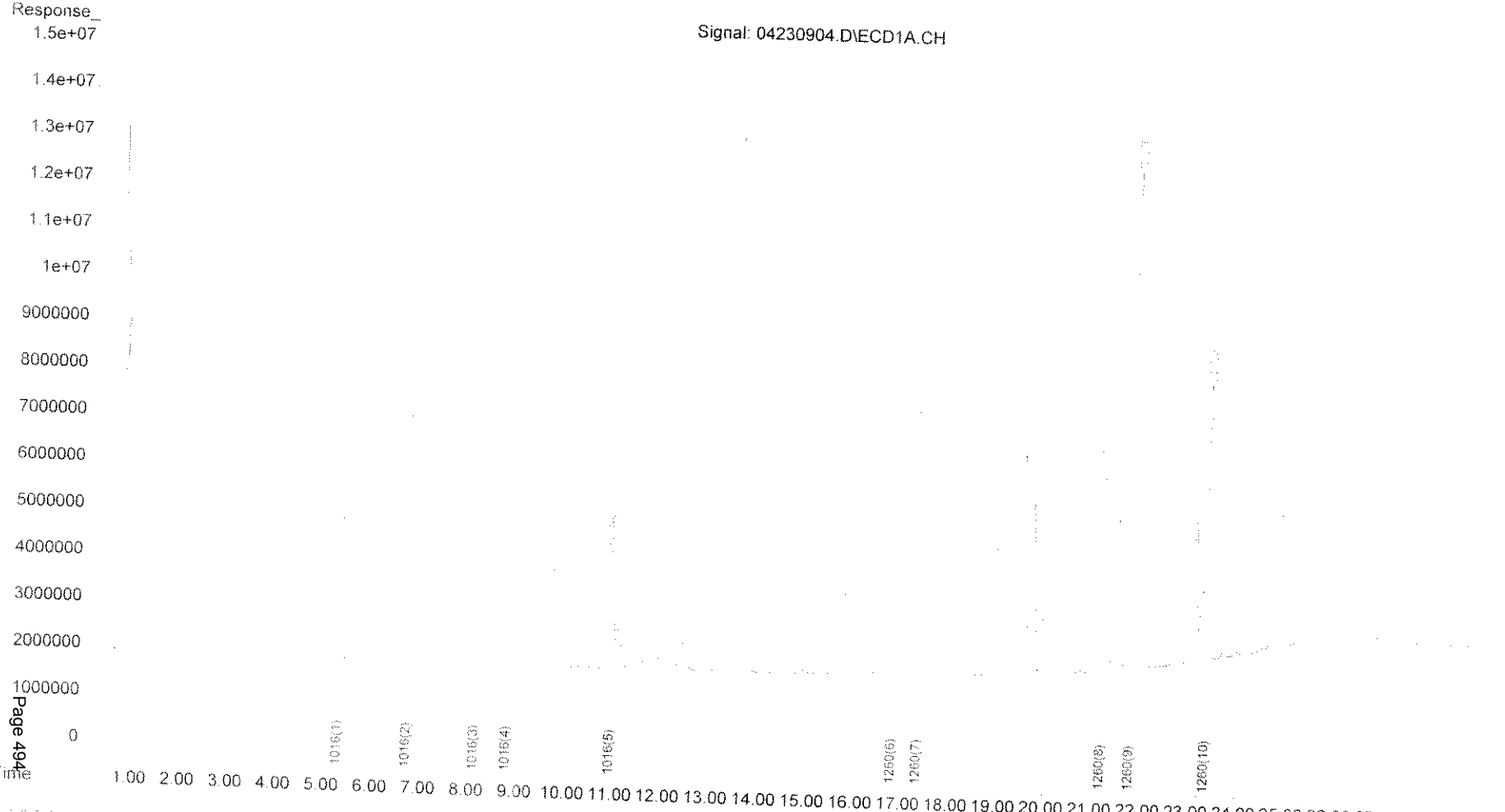
	Compound	R.T.	Response	Conc Units	
	System Monitoring Compounds				
1)	S decachlorobiphenyl	0.00	0	N.D.	
	Target Compounds				
2)	L1 1016(1)	5.28	116447144	0.632 ppb	
3)	L1 1016(2)	6.70	296871452	0.639 ppb	
4)	L1 1016(3)	8.11	574782695	0.629 ppb	
5)	L1 1016(4)	8.77	183302751	0.650 ppb	m
6)	L1 1016(5)	10.94	207224085	0.647 ppb	
	Sum 1016(1)		1378.6E6	3.197 ppb	
	Average 1016(1)			0.639 ppb	
7)	L2 1260(6)	16.80	349049502	0.625 ppb	
8)	L2 1260(7)	17.34	413332765	0.622 ppb	
9)	L2 1260(8)	21.17	307255599	0.614 ppb	
10)	L2 1260(9)	21.76	673661310	0.602 ppb	
11)	L2 1260(10)	23.33	325972990	0.597 ppb	m
	Sum 1260(6)		2069.3E6	3.059 ppb	
	Average 1260(6)			0.612 ppb	

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230904.D Vial: 4
Acq On : 23 Apr 2009 11:40 am Operator: K.B.
Sample : 1016/1260 3.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:25 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:25:07 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



17 4504.D PCBSF042309.M Wed May 06 10:30:20 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230905.D Vial: 5
Acq On : 23 Apr 2009 12:14 pm Operator: K.B.
Sample : 1016/1260 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:26:12 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:25:56 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units	
System Monitoring Compounds				
1) S decachlorobiphenyl	0.00	0	N.D.	
Target Compounds				
2) L1 1016(1)	5.28	215189400	1.202 ppb	
3) L1 1016(2)	6.70	536882988	1.189 ppb	
4) L1 1016(3)	8.11	1069294190	1.183 ppb	
5) L1 1016(4)	8.78	323641603	1.191 ppb	m
6) L1 1016(5)	10.94	373029868	1.198 ppb	
Sum 1016(1)		2518.0E6	5.964 ppb	
Average 1016(1)			1.193 ppb	
7) L2 1260(6)	16.80	653802990	1.192 ppb	
8) L2 1260(7)	17.35	778241894	1.190 ppb	
9) L2 1260(8)	21.17	588347907	1.185 ppb	
10) L2 1260(9)	21.76	1322325336	1.175 ppb	
11) L2 1260(10)	23.33	653142131	1.206 ppb	m
Sum 1260(6)		3995.9E6	5.949 ppb	
Average 1260(6)			1.190 ppb	

Quantitation Report (QT Reviewed)

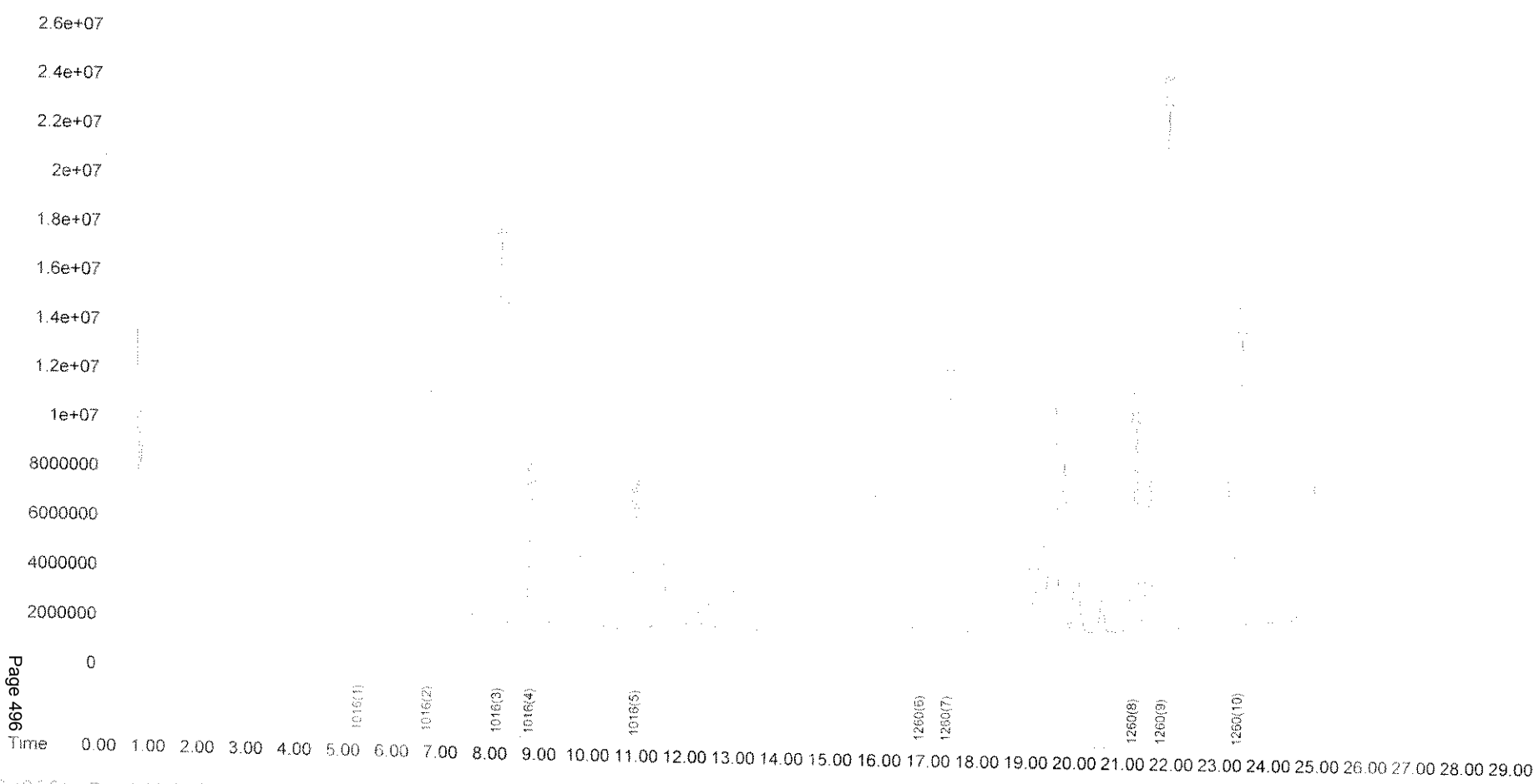
Data File : C:\MSDCHEM\1\DATA\042309F\04230905.D Vial: 5
Acq On : 23 Apr 2009 12:14 pm Operator: K.B.
Sample : 1016/1260 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:26 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:25:56 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Response_

Signal: 04230905.D\ECD1A.CH



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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230906.D Vial: 6
Acq On : 23 Apr 2009 12:47 pm Operator: K.B.
Sample : 1016/1260 9.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:27:01 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:26:45 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

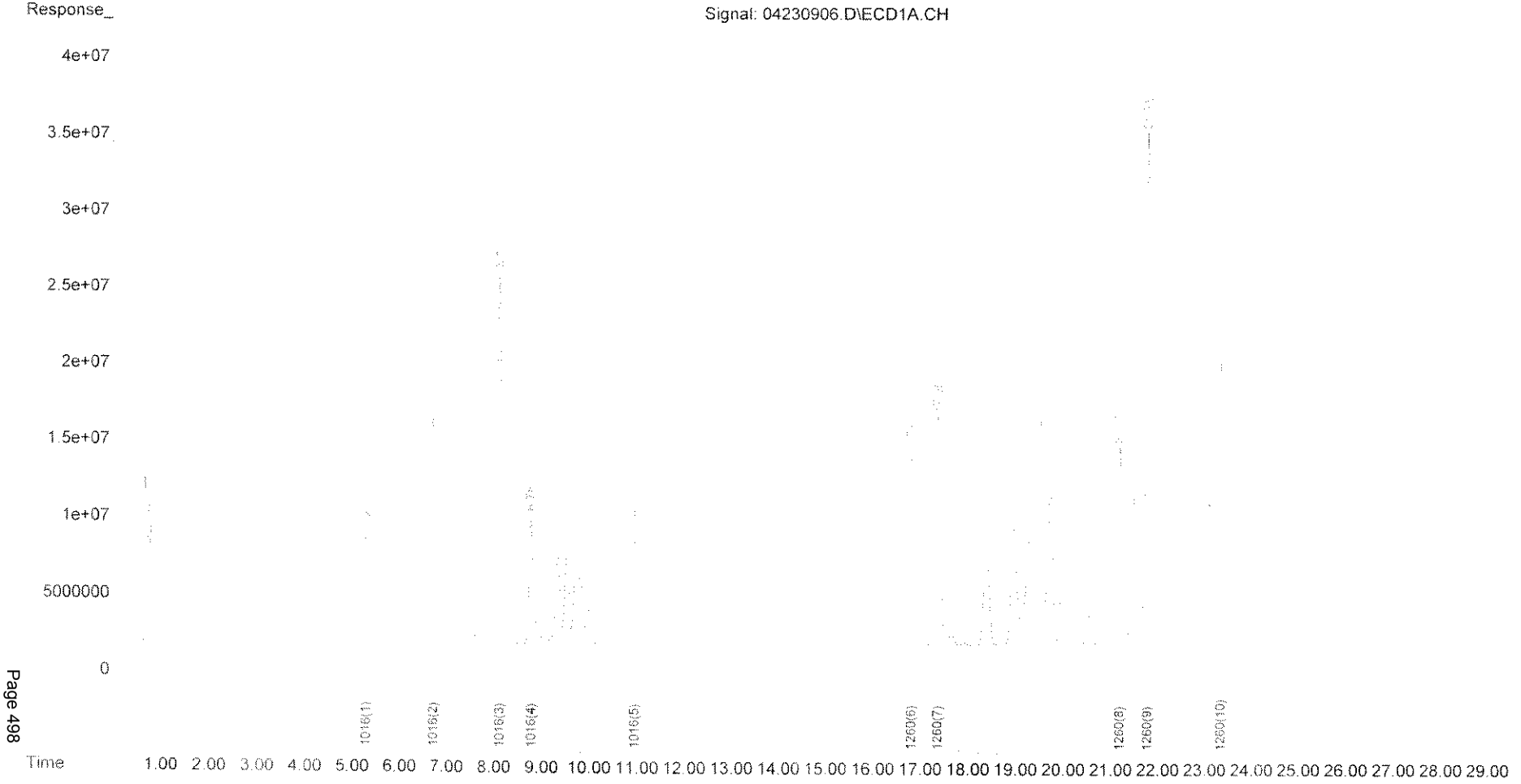
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.28	320867023	1.809 ppb
3) L1 1016(2)	6.70	809803629	1.812 ppb
4) L1 1016(3)	8.11	1648399346	1.831 ppb
5) L1 1016(4)	8.78	489444377	1.823 ppb m
6) L1 1016(5)	10.94	560015423	1.818 ppb
Sum 1016(1)		3828.5E6	9.093 ppb
Average 1016(1)			1.819 ppb
7) L2 1260(6)	16.79	990099554	1.817 ppb
8) L2 1260(7)	17.35	1184908067	1.823 ppb
9) L2 1260(8)	21.17	896835182	1.811 ppb
10) L2 1260(9)	21.76	2045682846	1.816 ppb
11) L2 1260(10)	23.32	985348767	1.809 ppb m
Sum 1260(6)		6102.9E6	9.076 ppb
Average 1260(6)			1.815 ppb

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230906.D Vial: 6
Acq On : 23 Apr 2009 12:47 pm Operator: K.B.
Sample : 1016/1260 9.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:27 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:26:45 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230907.D Vial: 7
Acq On : 23 Apr 2009 1:20 pm Operator: K.B.
Sample : pcb surr Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:28:01 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:27:45 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.87	4287560619	97.243	
Target Compounds				
2) L1 1016(1)	0.00	0	N.D.	ppb
3) L1 1016(2)	0.00	0	N.D.	ppb
4) L1 1016(3)	0.00	0	N.D.	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	0.00	0	N.D.	ppb
Sum 1016(1)		0	N.D.	ppb
Average 1016(1)			0.000	ppb
7) L2 1260(6)	0.00	0	N.D.	ppb
8) L2 1260(7)	0.00	0	N.D.	ppb
9) L2 1260(8)	0.00	0	N.D.	ppb
10) L2 1260(9)	0.00	0	N.D.	ppb
11) L2 1260(10)	0.00	0	N.D.	ppb
Sum 1260(6)		0	N.D.	ppb
Average 1260(6)			0.000	ppb

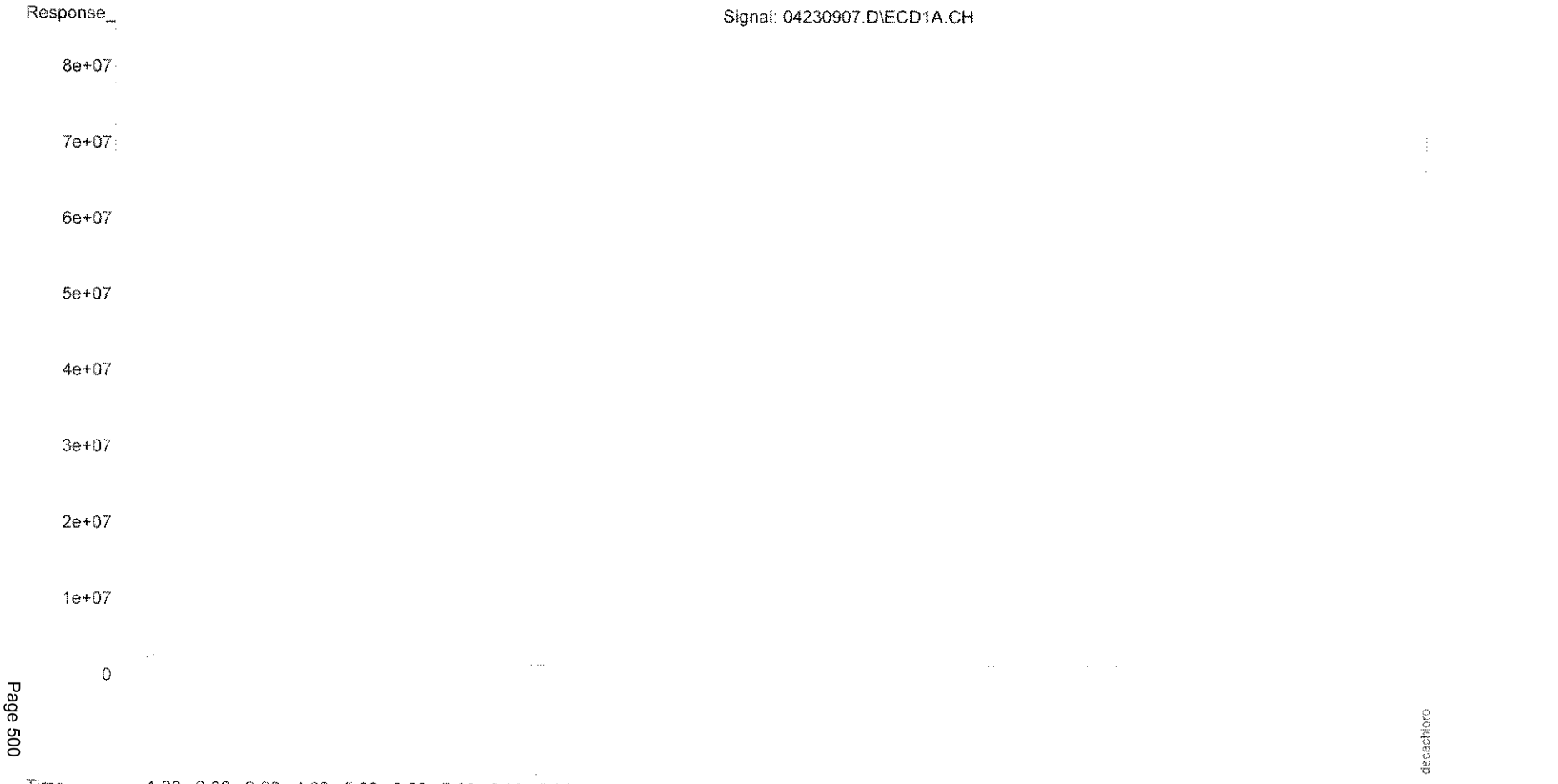
(t)=RT Delta > 1/2 Window (m)=manual int.
04230907.D PCBSF042309.M Wed May 06 15:33:03 2009 Page 1

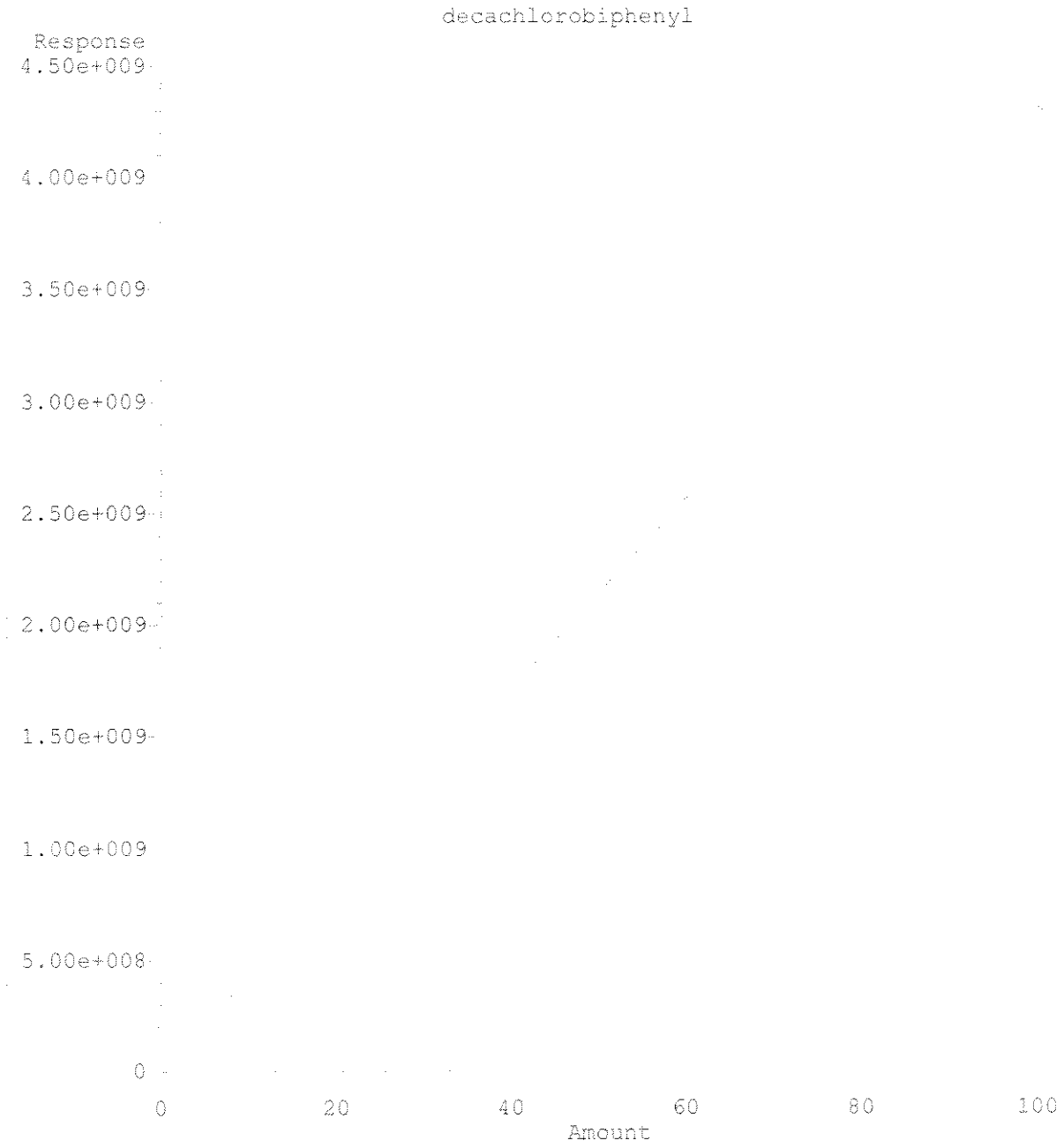
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230907.D Vial: 7
Acq On : 23 Apr 2009 1:20 pm Operator: K.B.
Sample : pcb surr Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 23 16:28 2009 Quant Results File: PCBSF041009.RES

Quant Method : C:\MSDCHEM\1...\PCBSF041009.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:27:45 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :





Response = 4.29e+007 * Amt + 0.00e+000
Coef of Det (r^2) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\1\METHODS\PCBSF042309.M
Calibration Table Last Updated: Thu Apr 23 16:28:19 2009

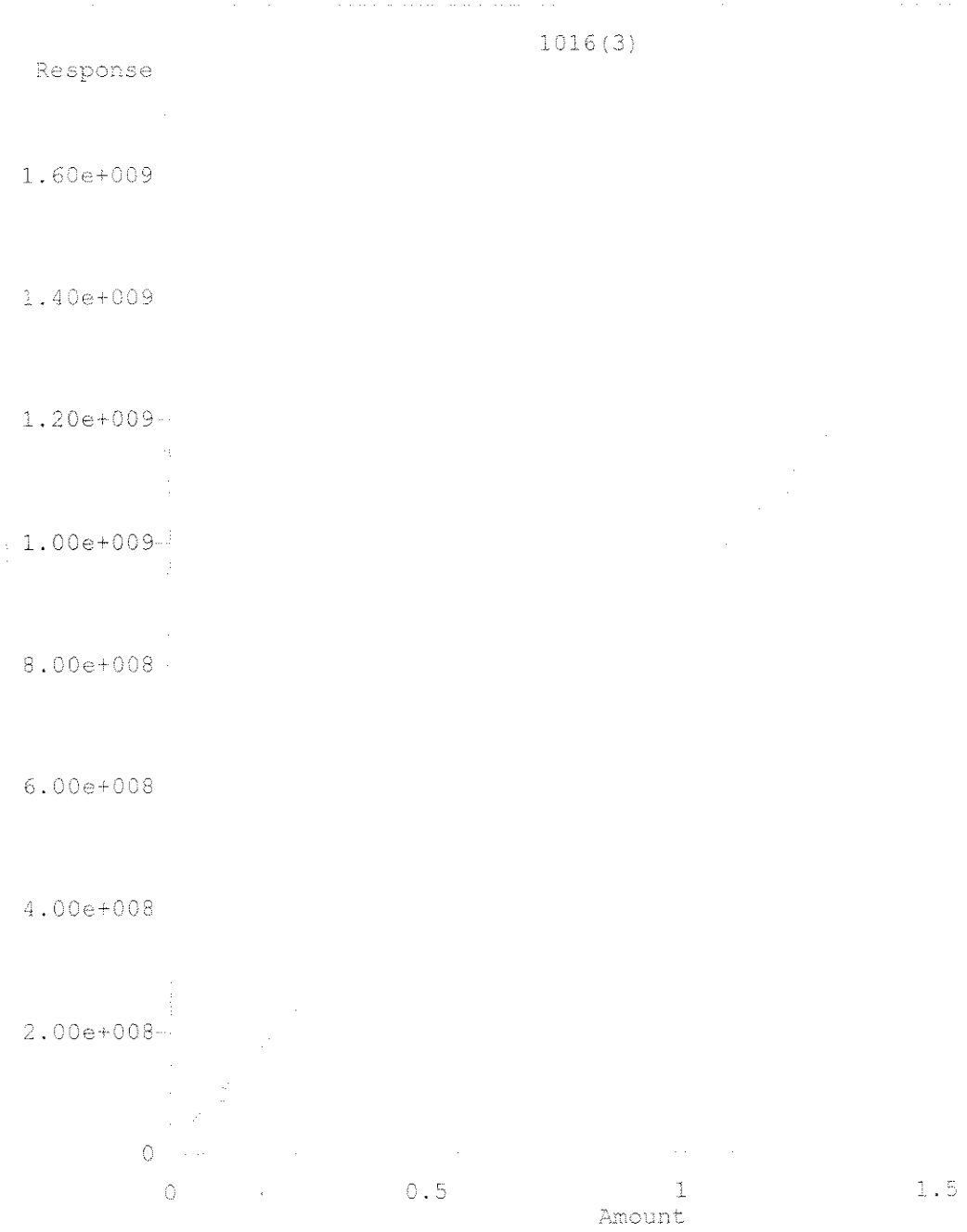
Response = 1.75e+008 * Amt + 7.18e+006
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: C:\MSDCHEM\1\METHODS\PCBSE042309.M
Calibration Table Last Updated: Thu Apr 23 16:28:19 2009

1016(2)

Response = 4.39e+008 * Amt + 1.86e+007
Coef of Det (r^2) = 0.999 Curve Fit: Linear

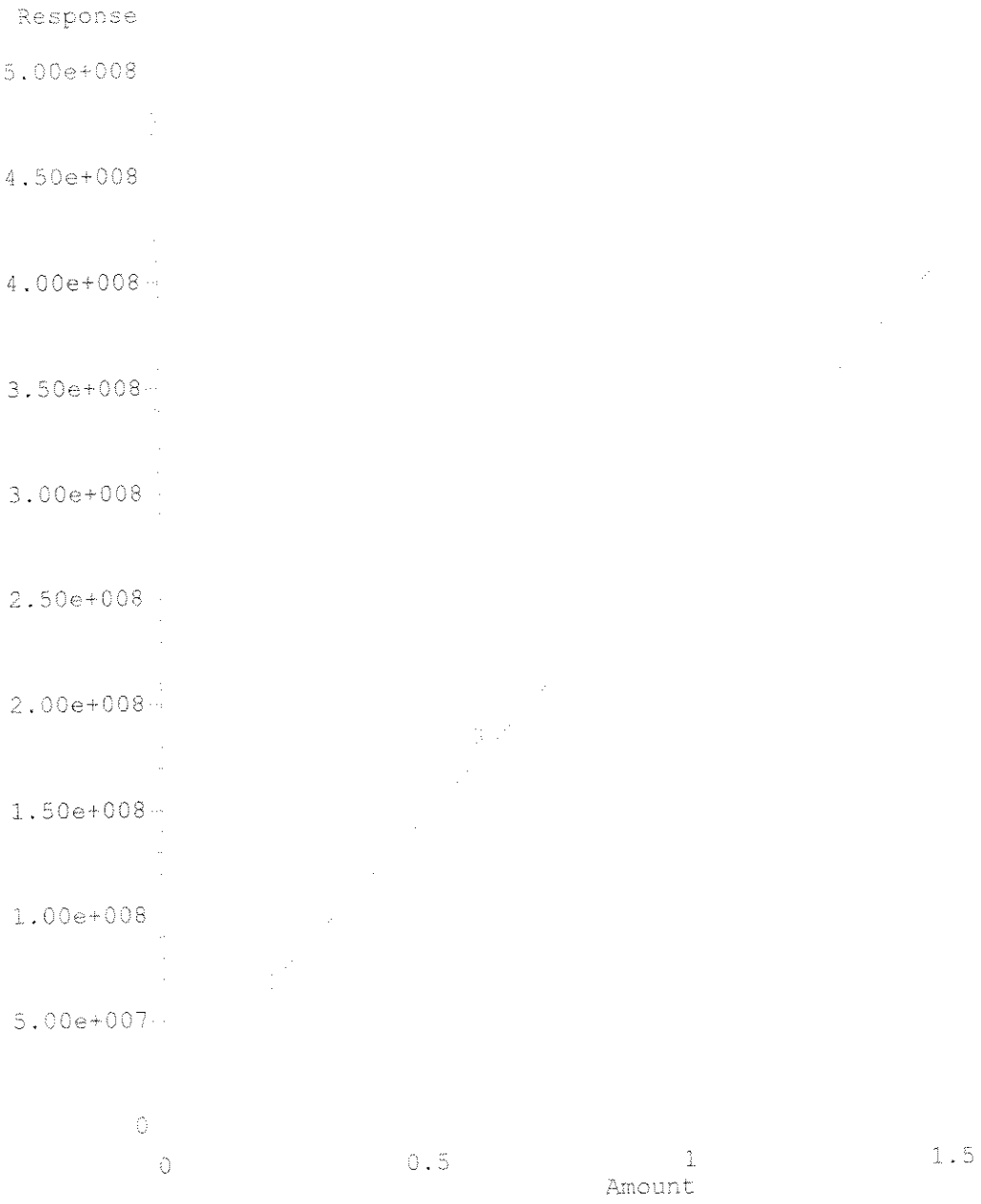
Method Name: C:\MSDCHEM\1\METHODS\PCBSF042309.M
Calibration Table Last Updated: Thu Apr 23 16:28:19 2009



Response = 9.01e+008 * Amt + 1.54e+007
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: C:\MSDCHEM\1\METHODS\PCBSF042309.M
Calibration Table Last Updated: Thu Apr 23 16:28:19 2009

1016(4)



Response = 2.64e+008 * Amt + 1.35e+007
Coef of Det (r^2) = 0.998 Curve Fit: Linear

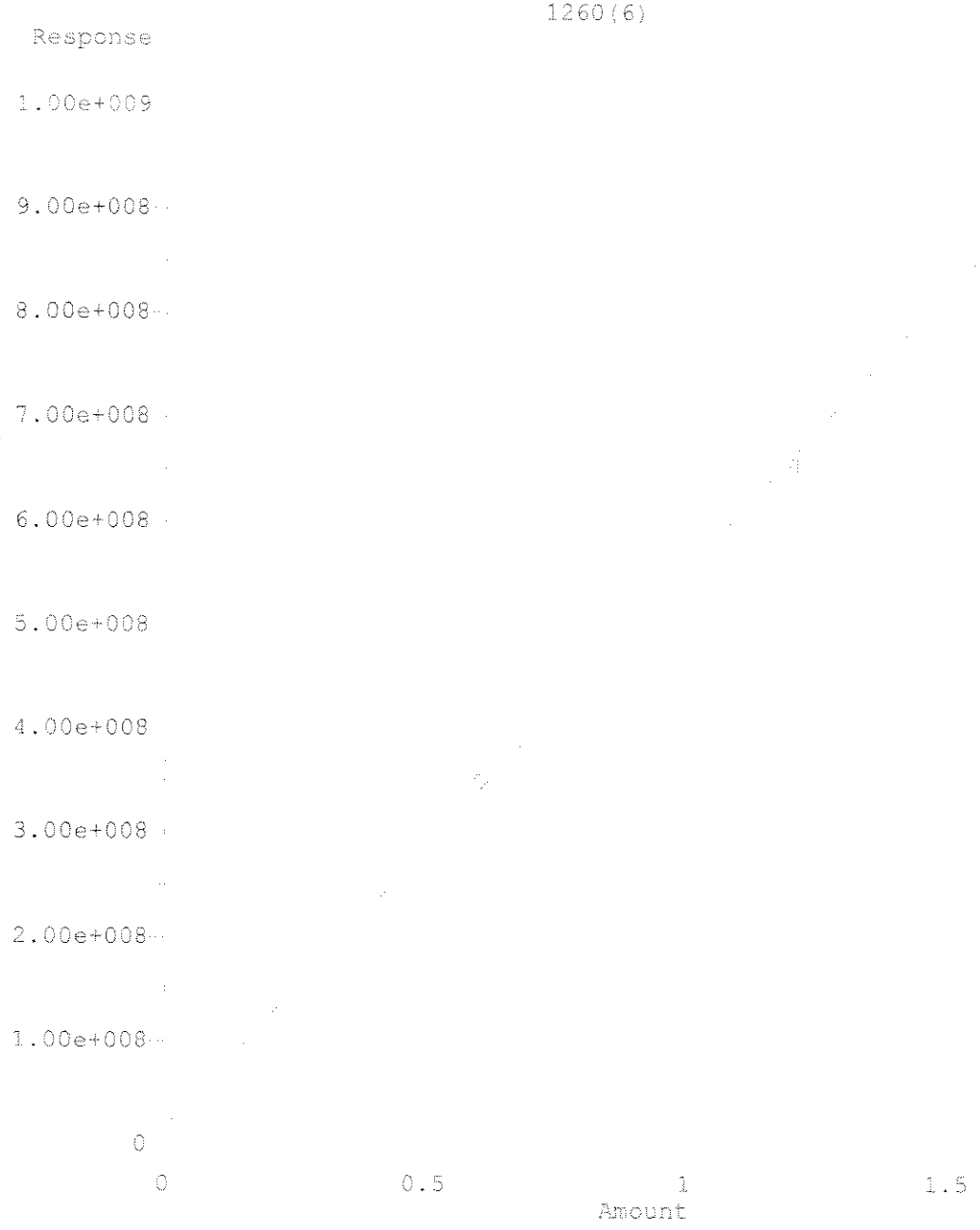
Method Name: C:\MSDCHEM\1\METHODS\PCBSF042309.M
Calibration Table Last Updated: Thu Apr 23 16:28:19 2009

1016(5)

Response = 3.04e+008 * Amt + 1.31e+007
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: C:\MSDCHEM\1\METHODS\PCBSF042309.M
Calibration Table Last Updated: Thu Apr 23 16:28:19 2009

1260(6)



Response = 5.40e+008 * Amt + 1.49e+007
Coef of Det (r^2) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\1\METHODS\PCBSF042309.M
Calibration Table Last Updated: Thu Apr 23 16:28:19 2009

Response = 6.47e+008 * Amt + 1.55e+007
Coef of Det (r^2) = 1.000 Curve Fit: Linear

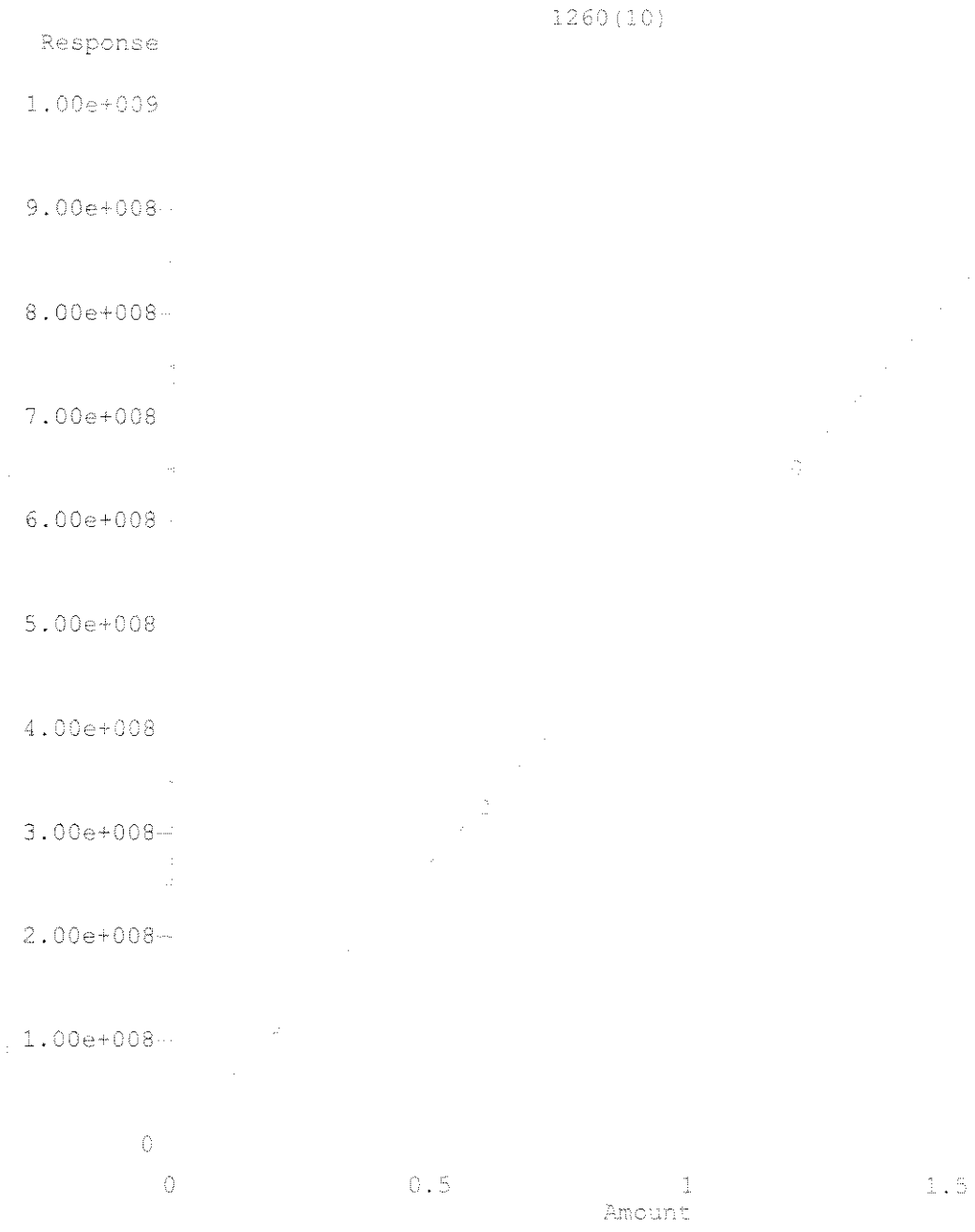
Method Name: C:\MSDCHEM\1\METHODS\PCBSF042309.M
Calibration Table Last Updated: Thu Apr 23 16:28:19 2009

Response = 4.93e+008 * Amt + 5.09e+006
Coef of Det (r^2) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\1\METHODS\PCBSF042309.M
Calibration Table Last Updated: Thu Apr 23 16:28:19 2009

Response = 1.13e+009 * Amt - 6.19e+006
Coef of Det (r^2) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\1\METHODS\PCBSF042309.M
Calibration Table Last Updated: Thu Apr 23 16:28:19 2009



Response = 5.46e+008 * Amt + 5.59e+005
Coef of Det (r^2) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\1\METHODS\PCBSF042309.M
Calibration Table Last Updated: Thu Apr 23 16:28:19 2009

PCB Calibration Verification Summary

Lab name:EcoTest Labs,Inc.
Lab Sample ID: Aroclor 1016/1260 3.0 ug/L

Date analyzed:04/23/09
Time analyzed:23:25

Instrument ID: SVGC 7

GC Column: DB-608, 30m, 0.53mm, 0.5um

Compound	Peak	RT	RT Window		calc amount	Sum amount	nom amount	RPD %
			from	to				
1016	1	5.28	5.26	5.29	0.621	3.140	3.00	4.6
	2	6.70	6.70	6.70	0.632			
	3	8.11	8.11	8.11	0.614			
	4	8.77	8.76	8.79	0.640			
	5	10.94	10.94	10.94	0.634			
1260						2.988	3.00	0.4
	1	16.79	16.78	16.81	0.610			
	2	17.34	17.33	17.36	0.606			
	3	21.16	21.17	21.17	0.598			
	4	21.75	21.76	21.76	0.591			
	5	23.32	23.31	23.34	0.584			

PCB Calibration Verification Summary

Lab name:EcoTest Labs,Inc.
Lab Sample ID: Aroclor 1016/1260 6.0 ug/L

Date analyzed:04/24/09
Time analyzed:9:55

Instrument ID: SVGC 7

GC Column: DB-608, 30m, 0.53mm, 0.5um

Compound	Peak	RT	RT Window		calc amount	Sum amount	nom amount	RPD %
			from	to				
1016	1	5.28	5.26	5.29	1.184	5.844	6.00	2.6
	2	6.70	6.70	6.70	1.171			
	3	8.11	8.11	8.11	1.161			
	4	8.78	8.76	8.79	1.160			
	5	10.94	10.94	10.94	1.168			
1260						5.727	6.00	4.6
	1	16.79	16.78	16.81	1.169			
	2	17.34	17.33	17.36	1.161			
	3	21.17	21.17	21.17	1.123			
	4	21.76	21.76	21.76	1.136			
	5	23.33	23.31	23.34	1.138			

PCB SURROGATE RECOVERY SUMMARY

method: 608
surrogate: decachlorobiphenyl 2.5 ppb

sample	matrix	% recovery
method blank	water	101
LCS	water	85
MS	water	97
MSD	water	101
291489.01	water	69
291489.02	water	84
291490.01	water	83
291490.03	water	94
291514.02	water	88
291541.00	water	88

% recovery limits

UCL	142
UWL	122
LWL	41
LCL	21

* out of limits

PCB MS/MSD SUMMARY

method: 608

compound	unspiked conc. (ug/L)	spike conc. (ug/L)	water MS conc. (ug/L)	MS % rec.	water MSD conc. (ug/L)	MSD % rec.	% rec. limits	MS,MSD difference	difference limit
aroclor 1016	0	0.4	0.29	73%	0.29	73%	54-100	0.00	0.13

These spikes apply to following samples:291489.01, 291489.02, 291490.01, 291490.03, 291514.02, 291541.00

PCB LCS RECOVERY

method: 608

water

compound	unspiked conc. (ug/L)	spike conc. (ug/L)	lcs conc. (ug/L)	lcs % rec.	% rec. limits	surr % rec.	surr% rec. limits
aroclor 1260	0	0.4	0.23	58%	55-106	85	21-142

This LCS applies to following samples: 291489.01, 291489.02, 291490.01, 291490.03, 291514.02, 291541.00

Reference Standard Summary

method: 608/8082

compound	date analyzed	time analyzed	reference		
			true value	limits	result
Aroclor 1016	04/23/09	16:06	5.00	4.25-5.75	5.00
Aroclor 1260	04/23/09	16:39	5.00	4.40-6.0	5.36

Reference stds apply to samples :
291406.00
291446.01,03,05
291475.01,03,05,07,09,11,13,15
291489.01,02
291490.01,03
291514.02
291541.00

Reports for samples:

291489.01
291489.02
291490.01
291490.03
291514.02
method blank
spike
dp spike
LCS
check stds
Reference stds

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230931.D Vial: 31
Acq On : 24 Apr 2009 2:44 am Operator: K.B.
Sample : met bl x0.1 4/23/09 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:49:08 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.87	4339658445	101.215	
Target Compounds				
2) L1 1016(1)	0.00	0	N.D.	ppb
3) L1 1016(2)	0.00	0	N.D.	ppb
4) L1 1016(3)	0.00	0	N.D.	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	11.02f	20124416	0.023	ppb
Sum 1016(1)		20124416	0.023	ppb
Average 1016(1)			0.023	ppb
7) L2 1260(6)	0.00	0	N.D.	ppb
8) L2 1260(7)	0.00	0	N.D.	ppb
9) L2 1260(8)	0.00	0	N.D.	ppb
10) L2 1260(9)	0.00	0	N.D.	ppb
11) L2 1260(10)	0.00	0	N.D.	ppb
Sum 1260(6)		0	N.D.	ppb
Average 1260(6)			0.000	ppb

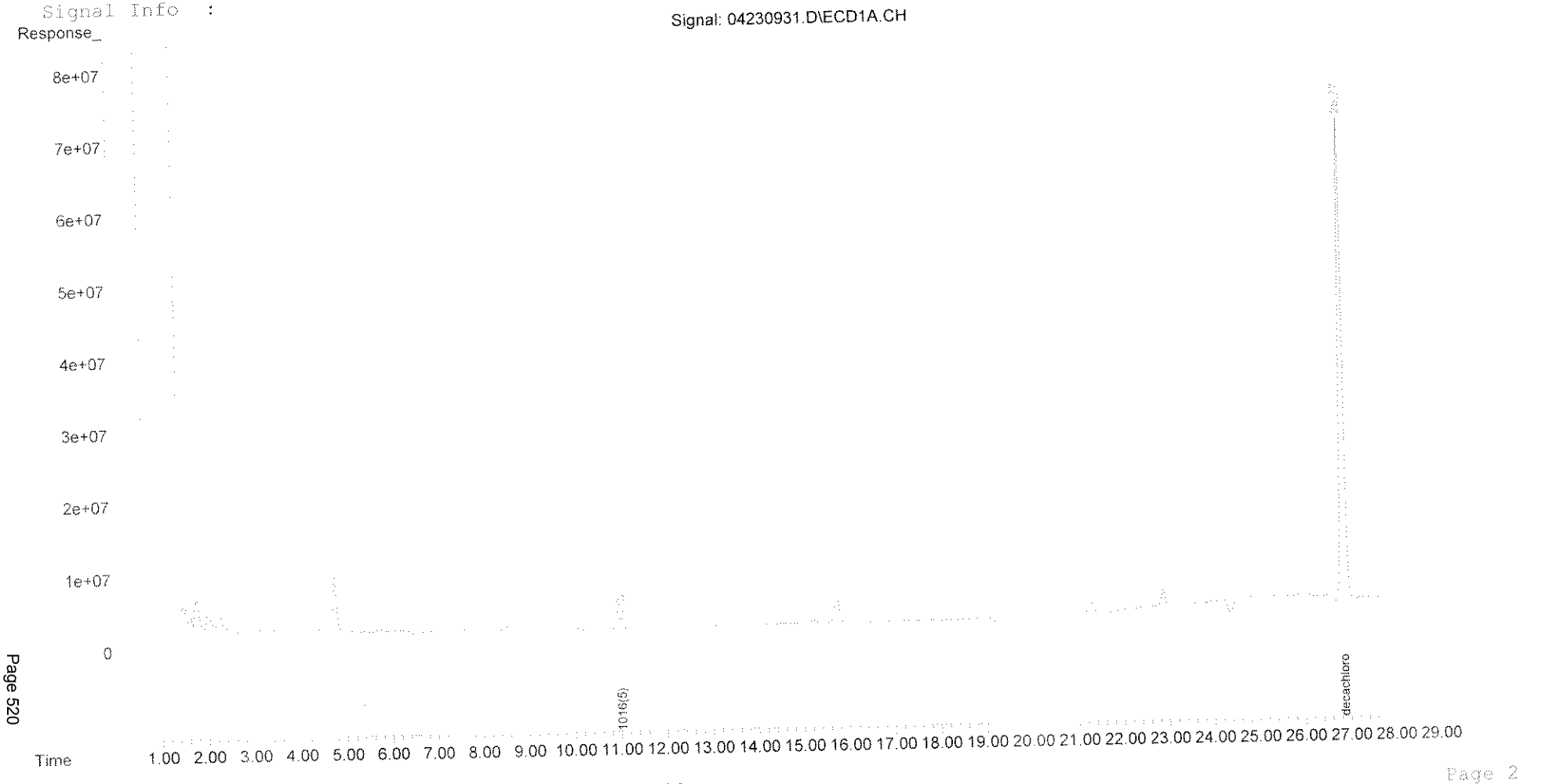
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230931.D
Acq On : 24 Apr 2009 2:44 am
Sample : met bl x0.1 4/23/09
Misc :
IntFile : events3.e
Quant Time: Apr 24 11:49 2009 Quant Results File: PCBSF042309.RES

Vial: 31
Operator: K.B.
Inst : gc7
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230932.D
Acq On : 24 Apr 2009 3:17 am
Sample : 0.4 1260 lcs nc x0.1
Misc :
IntFile : events3.e
Quant Time: Apr 24 11:51:23 2009 Quant Results File: PCBSF042309.RES

Vial: 32
Operator: K.B.
Inst : gc7
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	26.87	3663907803	85.454		
Target Compounds					
2) L1 1016(1)	0.00	0	N.D.	ppb	
3) L1 1016(2)	0.00	0	N.D.	ppb	
4) L1 1016(3)	0.00	0	N.D.	ppb	
5) L1 1016(4)	0.00	0	N.D.	ppb	
6) L1 1016(5)	11.00f	35698745	0.074	ppb	
Sum 1016(1)		35698745	0.074	ppb	
Average 1016(1)			0.074	ppb	
7) L2 1260(6)	16.78	286765154	0.503	ppb	m
8) L2 1260(7)	17.33	343174668	0.507	ppb	m
9) L2 1260(8)	21.16	217545816	0.431	ppb	m
10) L2 1260(9)	21.76	460392855	0.413	ppb	m
11) L2 1260(10)	23.32	258857366	0.473	ppb	m
Sum 1260(6)		1566.7E6	2.326	ppb	
Average 1260(6)			0.465	ppb	

(f)=RT Delta > 1/2 Window
(m)=manual int.

Quantitation Report (QT Reviewed)

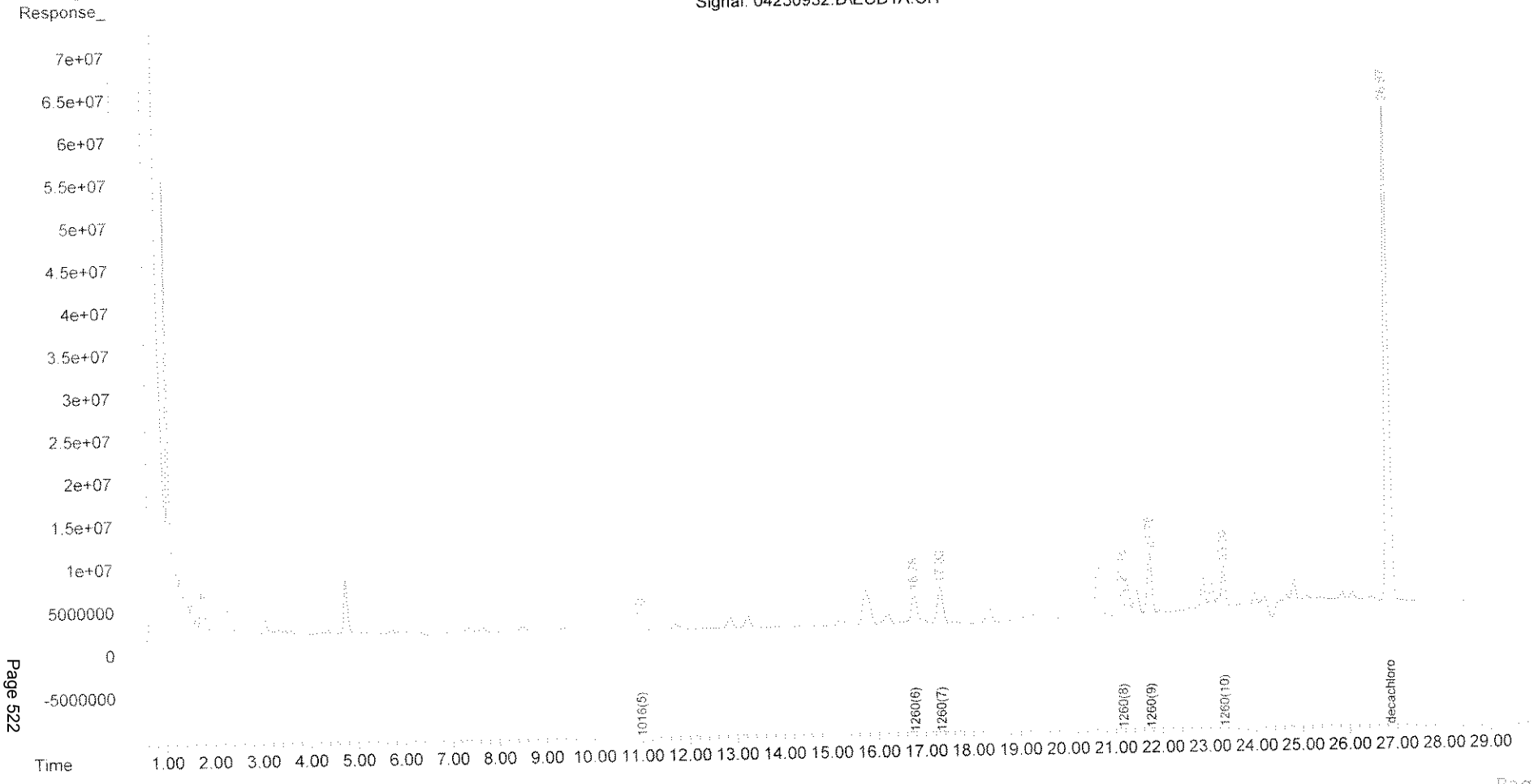
Data File : C:\MSDCHEM\1\DATA\042309F\04230932.D
Acq On : 24 Apr 2009 3:17 am
Sample : 0.4 1260 lcs nc x0.1
Misc :
IntFile : events3.e
Quant Time: Apr 24 11:54 2009 Quant Results File: PCBSF042309.RES

Vial: 32
Operator: K.B.
Inst : gc7
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Signal: 04230932.D\ECD1A.CH



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230935.D Vial: 35
Acq On : 24 Apr 2009 4:57 am Operator: K.B.
Sample : 1490.01 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:55:30 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.86	3563628851	83.116
Target Compounds			
2) L1 1016(1)	0.00	0	N.D. ppb
3) L1 1016(2)	6.73	328519082	0.706 ppb
4) L1 1016(3)	0.00	0	N.D. ppb
5) L1 1016(4)	8.84f	18454913	0.019 ppb
6) L1 1016(5)	11.01f	149806033	0.450 ppb
Sum 1016(1)		496.8E6	1.175 ppb
Average 1016(1)			0.392 ppb
7) L2 1260(6)	0.00	0	N.D. ppb
8) L2 1260(7)	0.00	0	N.D. ppb
9) L2 1260(8)	21.16	88227100	0.169 ppb
10) L2 1260(9)	0.00	0	N.D. ppb
11) L2 1260(10)	23.23f	358307089	0.655 ppb
Sum 1260(6)		446.5E6	0.824 ppb
Average 1260(6)			0.412 ppb

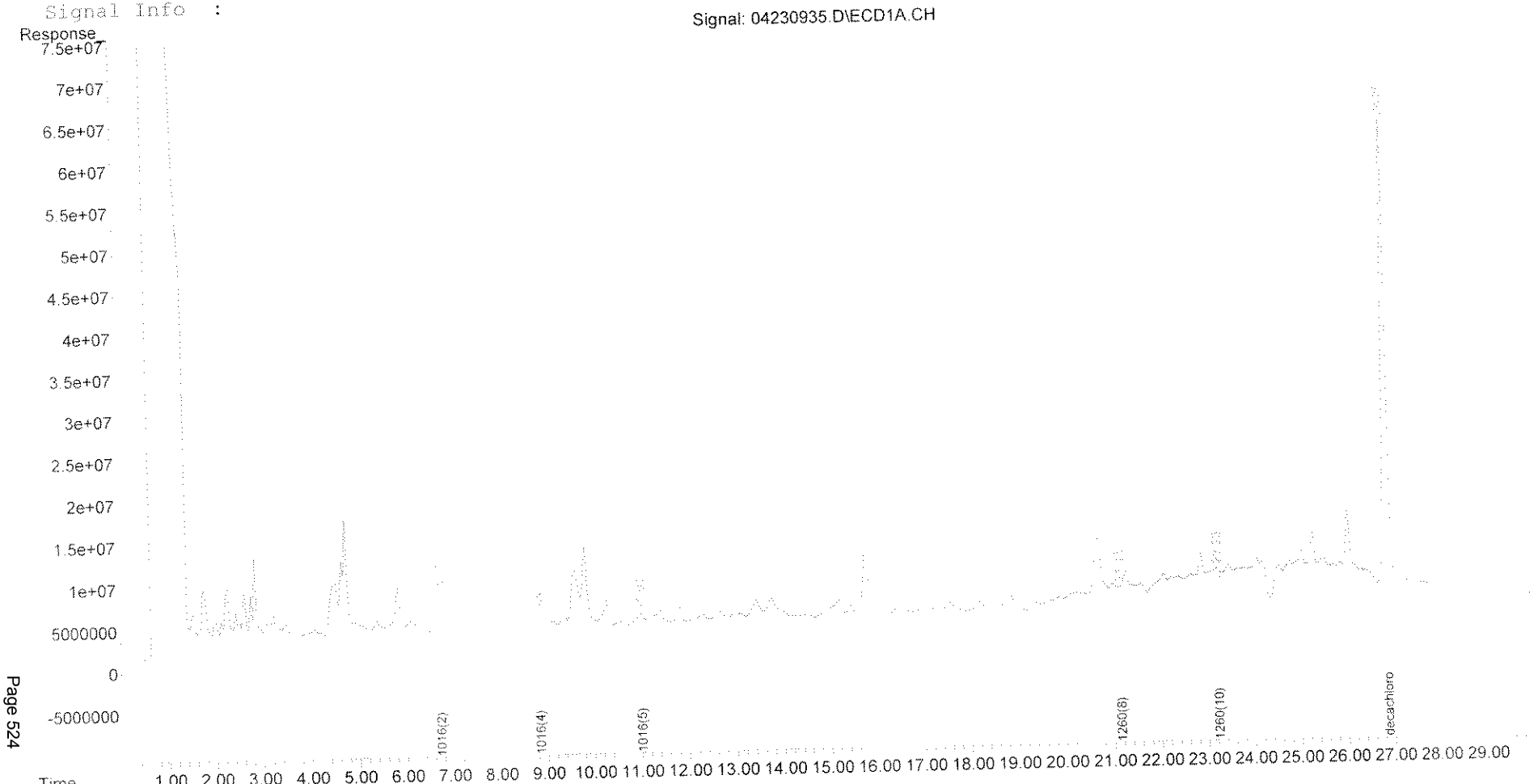
(#) = RT Delta > 1/2 Window (a)_manual.int

Data File : C:\MSDCHEM\1\DATA\042309F\04230935.D
Acq On : 24 Apr 2009 4:57 am
Sample : 1490.01 nc x0.05
Misc :
IntFile : events3.e
Quant Time: Apr 24 11:55 2009 Quant Results File: PCBSF042309.RES

Vial: 35
Operator: K.B.
Inst : gc7
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230936.D Vial: 36
Acq On : 24 Apr 2009 5:30 am Operator: K.B.
Sample : 1490.03 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:56:03 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	26.87	4017627287	93.704		m
Target Compounds					
2) L1 1016(1)	0.00	0	N.D.	ppb	
3) L1 1016(2)	6.70	43323612	0.056	ppb	
4) L1 1016(3)	8.20f	36375582	0.023	ppb	
5) L1 1016(4)	8.82	30113247	0.063	ppb	
6) L1 1016(5)	11.01f	210274184	0.649	ppb	
Sum 1016(1)		320.1E6	0.791	ppb	
Average 1016(1)			0.198	ppb	
7) L2 1260(6)	0.00	0	N.D.	ppb	
8) L2 1260(7)	0.00	0	N.D.	ppb	
9) L2 1260(8)	0.00	0	N.D.	ppb	
10) L2 1260(9)	21.82f	82413482	0.078	ppb	
11) L2 1260(10)	23.25f	285820595	0.522	ppb	
Sum 1260(6)		368.2E6	0.601	ppb	
Average 1260(6)			0.300	ppb	

(6) PM Delta > 1/2 Window (m) manual int

Quantitation Report (QT Reviewed)

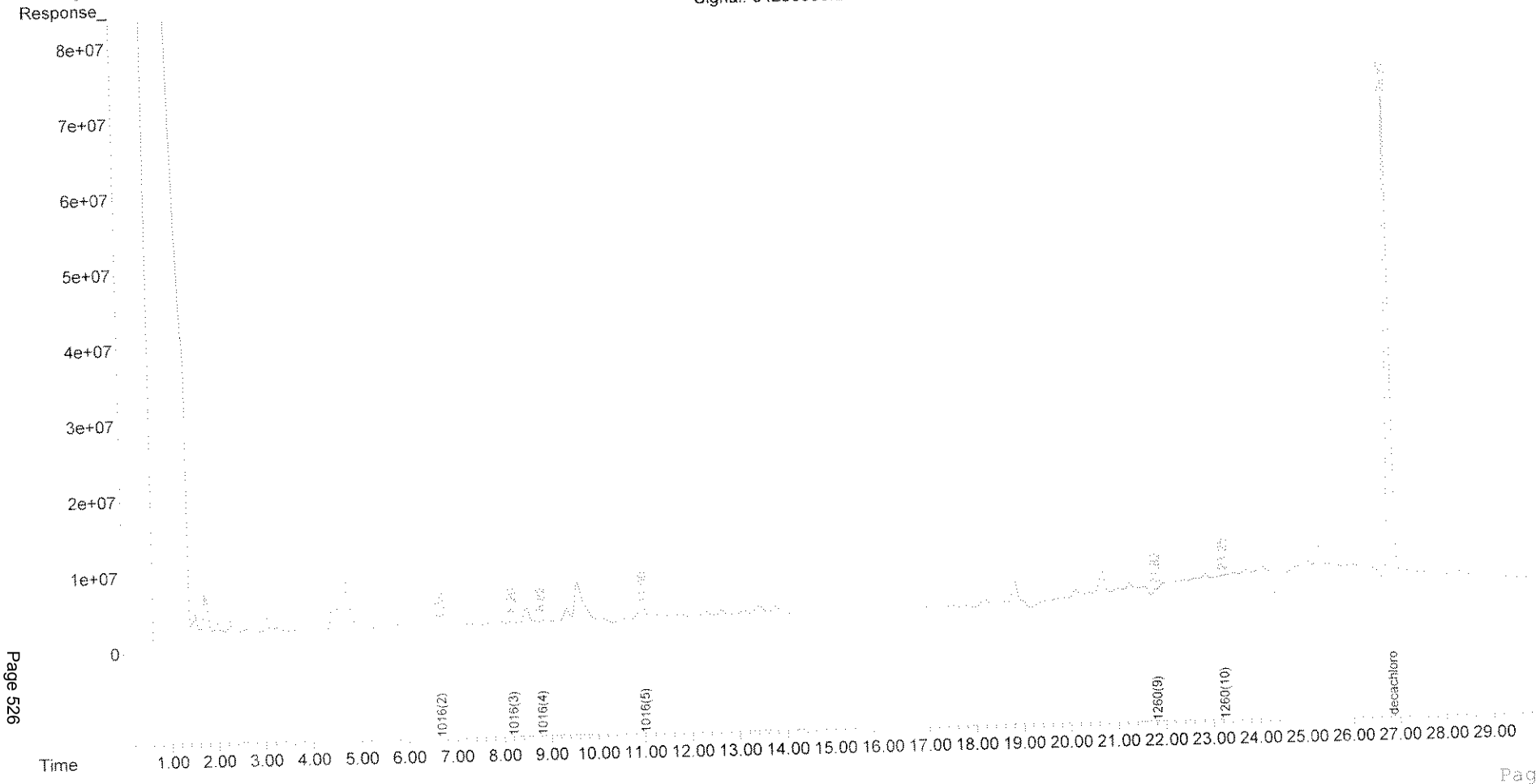
Data File : C:\MSDCHEM\1\DATA\042309F\04230936.D
Acq On : 24 Apr 2009 5:30 am
Sample : 1490.03 nc x0.05
Misc :
IntFile : events3.e
Quant Time: Apr 24 11:56 2009 Quant Results File: PCBSF042309.RES

Vial: 36
Operator: K.B.
Inst : gc7
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Signal: 04230936.D\ECD1A.CH



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230942.D Vial: 42
Acq On : 24 Apr 2009 8:49 am Operator: K.B.
Sample : 0.4 1016 spike 6% x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:58:17 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

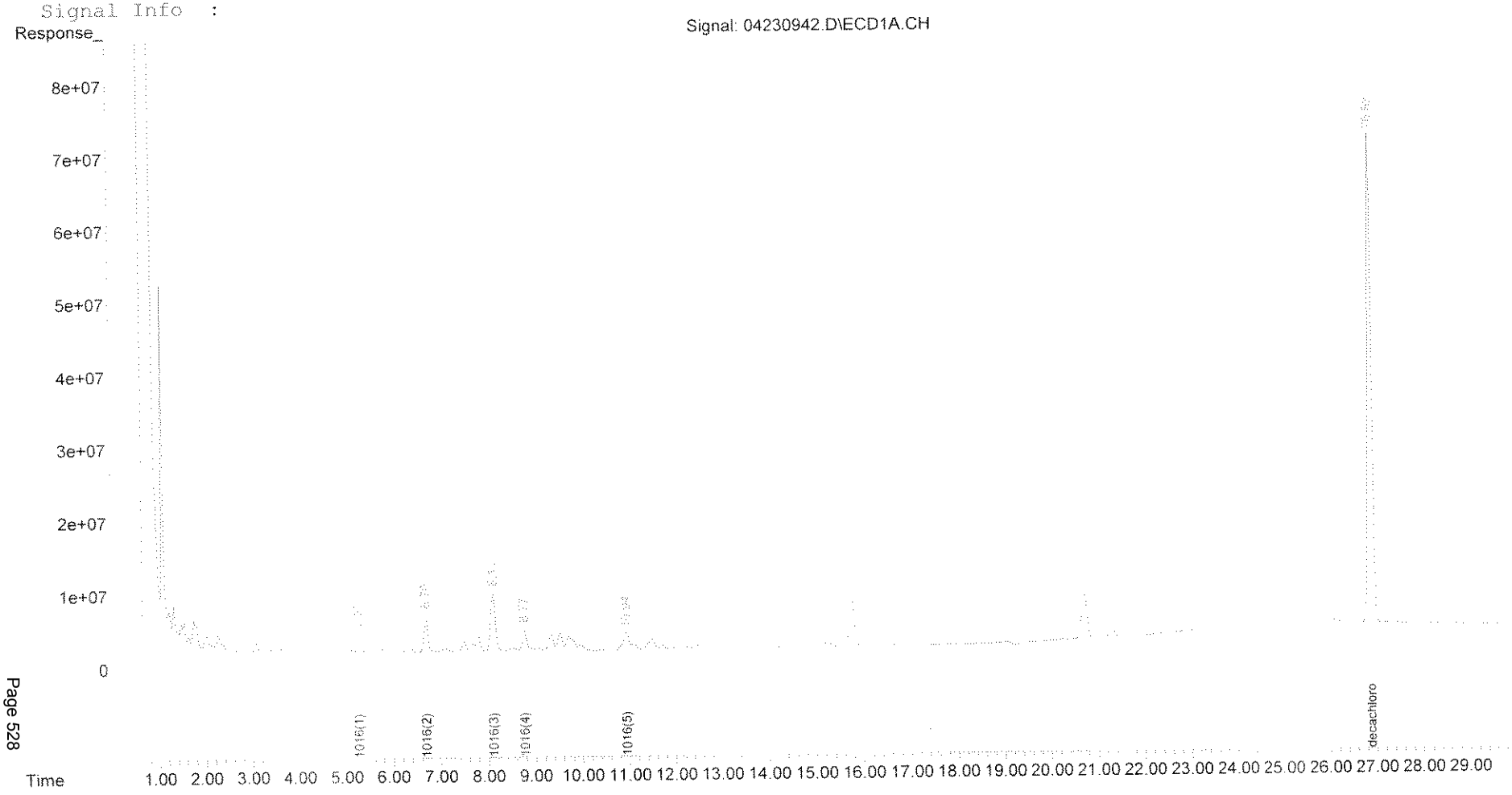
Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	26.88	4152354172	96.847		m
Target Compounds					
2) L1 1016(1)	5.27	111460442	0.598	ppb	
3) L1 1016(2)	6.70	260117000	0.550	ppb	m
4) L1 1016(3)	8.11	527265567	0.568	ppb	m
5) L1 1016(4)	8.77	163949515	0.570	ppb	m
6) L1 1016(5)	10.94	203394279	0.626	ppb	m
Sum 1016(1)		1266.2E6	2.912	ppb	
Average 1016(1)			0.582	ppb	
7) L2 1260(6)	0.00	0	N.D.	ppb	
8) L2 1260(7)	0.00	0	N.D.	ppb	
9) L2 1260(8)	0.00	0	N.D.	ppb	
10) L2 1260(9)	0.00	0	N.D.	ppb	
11) L2 1260(10)	0.00	0	N.D.	ppb	
Sum 1260(6)		0	N.D.	ppb	
Average 1260(6)			0.000	ppb	

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230942.D Vial: 42
Acq On : 24 Apr 2009 8:49 am Operator: K.B.
Sample : 0.4 1016 spike 6% x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:58 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230943.D Vial: 43
Acq On : 24 Apr 2009 9:22 am Operator: K.B.
Sample : 0.4 1016 dp spike 6% x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:59:02 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

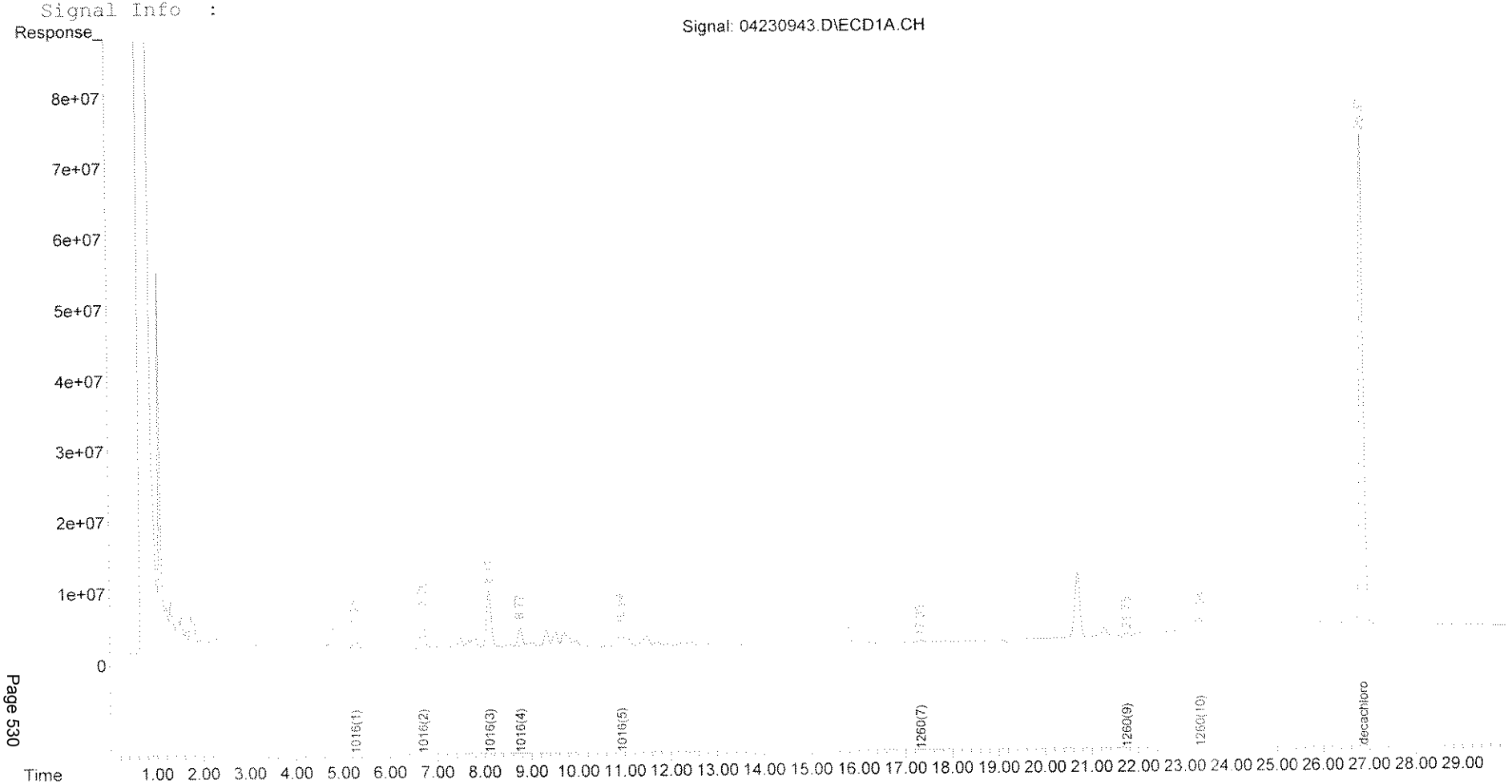
Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	26.87	4321258424	100.786		
Target Compounds					
2) L1 1016(1)	5.28	110491079	0.592	ppb	
3) L1 1016(2)	6.70	270612056	0.574	ppb	
4) L1 1016(3)	8.11	531352142	0.573	ppb	m
5) L1 1016(4)	8.77	161252952	0.560	ppb	m
6) L1 1016(5)	10.94	199660116	0.614	ppb	m
Sum 1016(1)		1273.4E6	2.913	ppb	
Average 1016(1)			0.583	ppb	
7) L2 1260(6)	0.00	0	N.D.	ppb	
8) L2 1260(7)	17.33	20572356	0.008	ppb	
9) L2 1260(8)	0.00	0	N.D.	ppb	
10) L2 1260(9)	21.76	71784895	0.069	ppb	
11) L2 1260(10)	23.33	184000919	0.336	ppb	
Sum 1260(6)		276.4E6	0.413	ppb	
Average 1260(6)			0.138	ppb	

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230943.D Vial: 43
Acq On : 24 Apr 2009 9:22 am Operator: K.B.
Sample : 0.4 1016 dp spike 6% x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:59 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230912.D Vial: 12
Acq On : 23 Apr 2009 4:06 pm Operator: K.B.
Sample : 1016 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:24:05 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

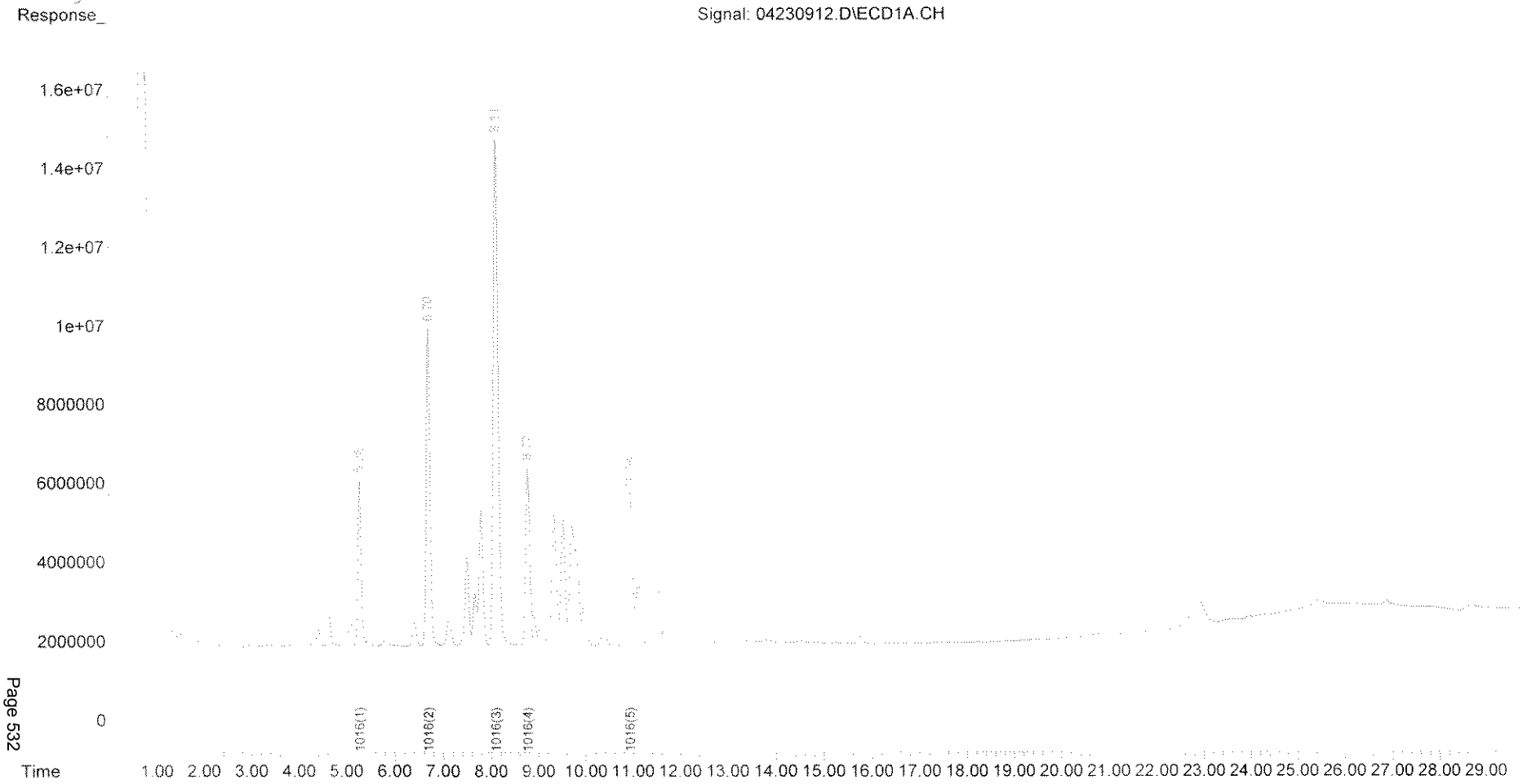
Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	0.00	0	N.D.		
Target Compounds					
2) L1 1016(1)	5.28	190631535	1.051	ppb	
3) L1 1016(2)	6.70	450655528	0.984	ppb	
4) L1 1016(3)	8.11	879317119	0.959	ppb	
5) L1 1016(4)	8.77	271648898	0.978	ppb	m
6) L1 1016(5)	10.94	326763529	1.032	ppb	
Sum 1016(1)		2119.0E6	5.004	ppb	
Average 1016(1)			1.001	ppb	
7) L2 1260(6)	0.00	0	N.D.	ppb	
8) L2 1260(7)	0.00	0	N.D.	ppb	
9) L2 1260(8)	0.00	0	N.D.	ppb	
10) L2 1260(9)	0.00	0	N.D.	ppb	
11) L2 1260(10)	0.00	0	N.D.	ppb	
Sum 1260(6)		0	N.D.	ppb	
Average 1260(6)			0.000	ppb	

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230912.D Vial: 12
Acq On : 23 Apr 2009 4:06 pm Operator: K.B.
Sample : 1016 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:24 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230913.D Vial: 13
Acq On : 23 Apr 2009 4:39 pm Operator: K.B.
Sample : 1260 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:24:37 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

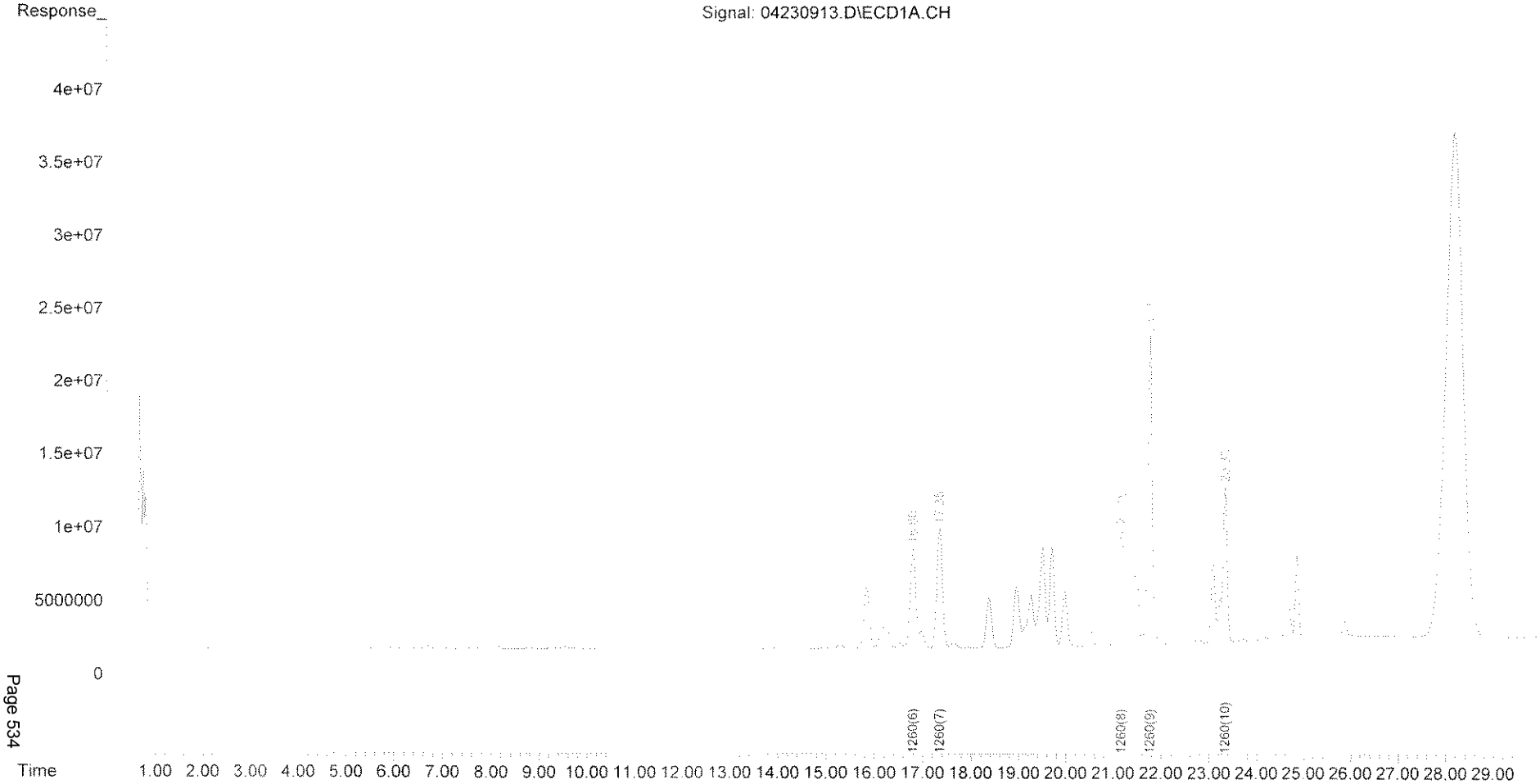
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	0.00	0	N.D.	
Target Compounds				
2) L1 1016(1)	0.00	0	N.D.	ppb
3) L1 1016(2)	0.00	0	N.D.	ppb
4) L1 1016(3)	0.00	0	N.D.	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	0.00	0	N.D.	ppb
Sum 1016(1)		0	N.D.	ppb
Average 1016(1)			0.000	ppb
7) L2 1260(6)	16.80	553023796	0.996	ppb
8) L2 1260(7)	17.35	662397912	1.000	ppb
9) L2 1260(8)	21.17	561600806	1.128	ppb
10) L2 1260(9)	21.76	1279388653	1.137	ppb
11) L2 1260(10)	23.33	599735261	1.097	ppb
Sum 1260(6)		3656.1E6	5.359	ppb
Average 1260(6)			1.072	ppb

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230913.D Vial: 13
Acq On : 23 Apr 2009 4:39 pm Operator: K.B.
Sample : 1260 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:24 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230925.D Vial: 25
Acq On : 23 Apr 2009 11:25 pm Operator: K.B.
Sample : 1016/1260 3.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:40:45 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

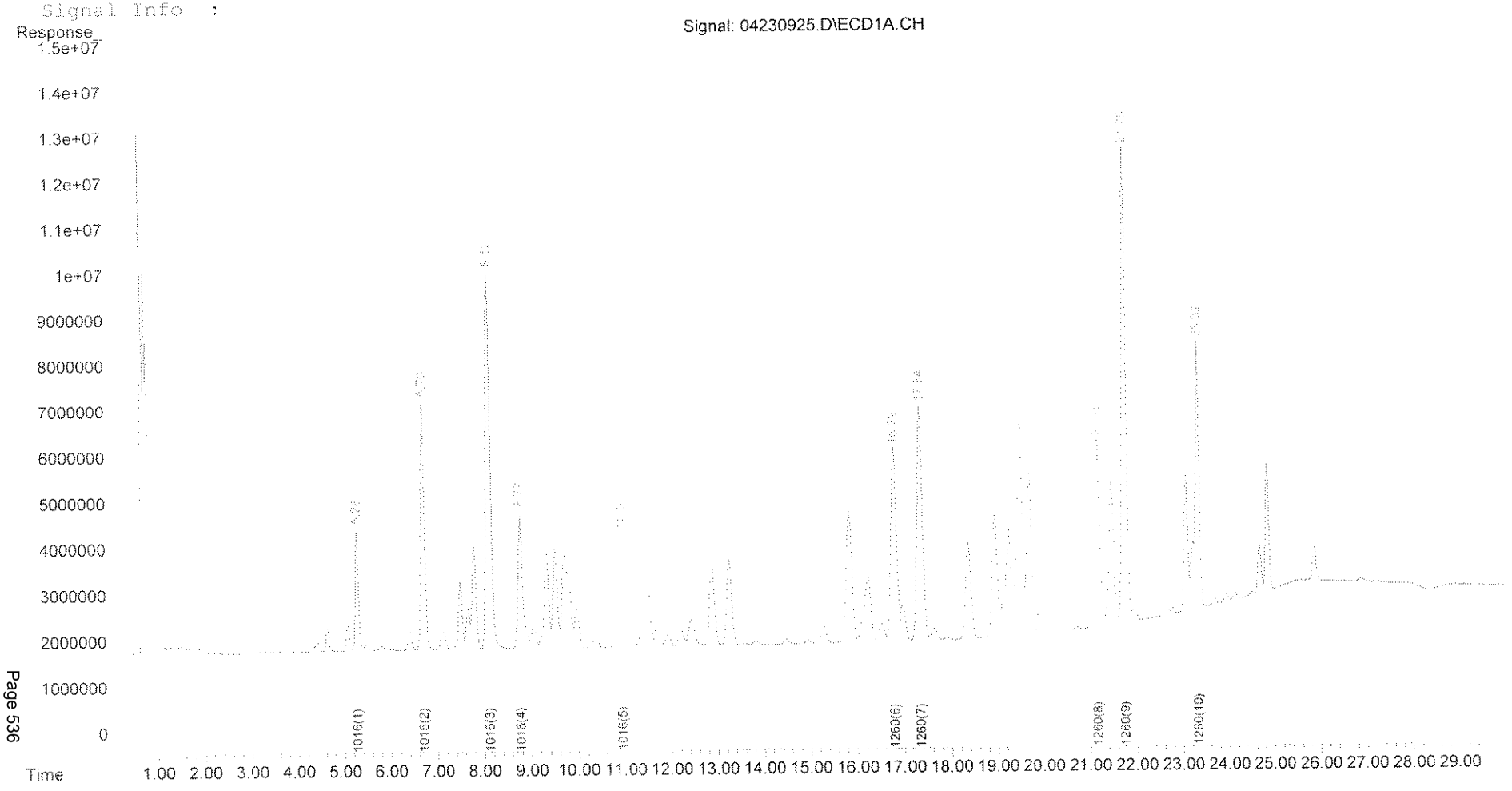
Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	0.00	0	N.D.		
Target Compounds					
2) L1 1016(1)	5.28	115564304	0.621	ppb	
3) L1 1016(2)	6.70	295949661	0.632	ppb	
4) L1 1016(3)	8.11	568290880	0.614	ppb	
5) L1 1016(4)	8.77	182427891	0.640	ppb	m
6) L1 1016(5)	10.94	205684501	0.634	ppb	
Sum 1016(1)		1367.9E6	3.140	ppb	
Average 1016(1)			0.628	ppb	
7) L2 1260(6)	16.79	344375109	0.610	ppb	
8) L2 1260(7)	17.34	407298822	0.606	ppb	
9) L2 1260(8)	21.16	299930357	0.598	ppb	
10) L2 1260(9)	21.75	662010491	0.591	ppb	
11) L2 1260(10)	23.32	319207700	0.584	ppb	m
Sum 1260(6)		2032.8E6	2.988	ppb	
Average 1260(6)			0.598	ppb	

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230925.D Vial: 25
Acq On : 23 Apr 2009 11:25 pm Operator: K.B.
Sample : 1016/1260 3.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:41 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230944.D Vial: 44
Acq On : 24 Apr 2009 9:55 am Operator: K.B.
Sample : 1016/1260 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 11:59:43 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

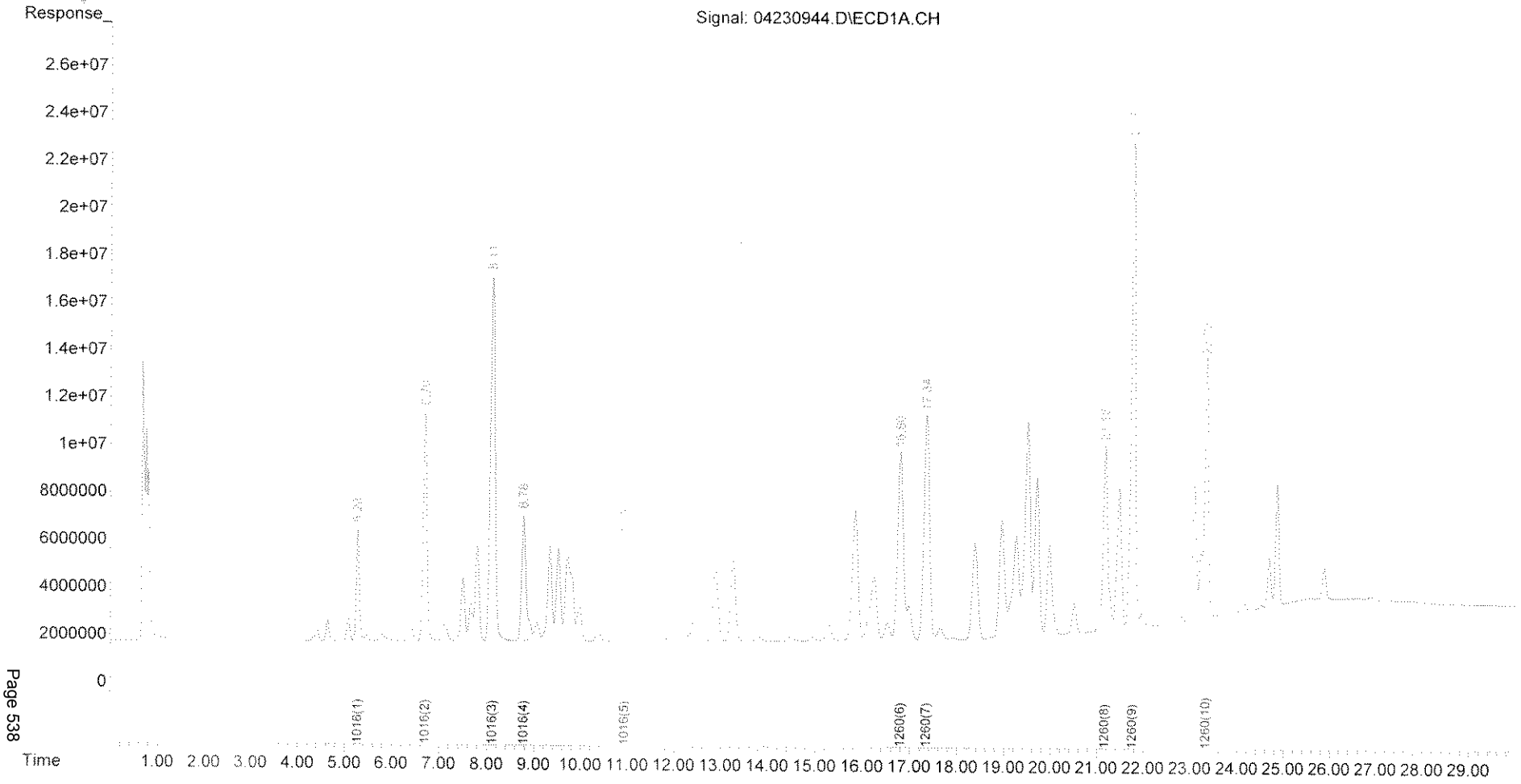
	Compound	R.T.	Response	Conc	Units	
	System Monitoring Compounds					
1)	S decachlorobiphenyl	0.00	0	N.D.		
	Target Compounds					
2)	L1 1016(1)	5.28	213770028	1.184	ppb	
3)	L1 1016(2)	6.70	532619793	1.171	ppb	
4)	L1 1016(3)	8.11	1061360652	1.161	ppb	
5)	L1 1016(4)	8.78	319667883	1.160	ppb	m
6)	L1 1016(5)	10.94	368138880	1.168	ppb	
	Sum 1016(1)		2495.6E6	5.844	ppb	
Average	1016(1)			1.169	ppb	
7)	L2 1260(6)	16.79	646157327	1.169	ppb	
8)	L2 1260(7)	17.34	766235744	1.161	ppb	
9)	L2 1260(8)	21.17	559304964	1.123	ppb	
10)	L2 1260(9)	21.76	1277877181	1.136	ppb	
11)	L2 1260(10)	23.33	621915780	1.138	ppb	m
	Sum 1260(6)		3871.5E6	5.727	ppb	
Average	1260(6)			1.145	ppb	

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230944.D Vial: 44
Acq On : 24 Apr 2009 9:55 am Operator: K.B.
Sample : 1016/1260 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : events3.e
Quant Time: Apr 24 12:00 2009 Quant Results File: PCBSF042309.RES

Quant Method : C:\MSDCHEM\1...\PCBSF042309.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 23 16:28:19 2009
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230914.D Vial: 14
Acq On : 23 Apr 2009 5:20 pm Operator: K.B.
Sample : 1221 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:28:50 2009 Quant Results File: 1221F101608.RES

Quant Method : C:\MSDCHEM\1...\1221F101608.M (Chemstation Integrator)
Title :
Last Update : Tue Oct 21 15:26:40 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1221(1)	2.94	22629902	0.274 ppb
3) L1 1221(2)	4.64	27363066	0.253 ppb
4) L1 1221(3)	5.09	17390206	0.252 ppb
5) L1 1221(4)	5.29	56005335	0.249 ppb
Sum 1221(1)		123.4E6	1.029 ppb
Average 1221(1)			0.257 ppb

(f)=RT Delta > 1/2 Window (m)=manual int.
04230914.D 1221F101608.M Fri Apr 24 12:29:05 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230924.D Vial: 24
Acq On : 23 Apr 2009 10:51 pm Operator: K.B.
Sample : 1221 6.0 Inst : gc7
Misc : MultiplIr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:29:38 2009 Quant Results File: 1221F101608.RES

Quant Method : C:\MSDCHEM\1...\1221F101608.M (Chemstation Integrator)
Title :
Last Update : Tue Oct 21 15:26:40 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
System Monitoring Compounds				
1) S	decachlorobiphenyl	0.00	0	N.D.
Target Compounds				
2) L1	1221(1)	2.93	105654505	1.534 ppb
3) L1	1221(2)	4.63	134450796	1.354 ppb
4) L1	1221(3)	5.08	87559632	1.404 ppb
5) L1	1221(4)	5.28	280252527	1.393 ppb
Sum	1221(1)		607.9E6	5.685 ppb
Average	1221(1)			1.421 ppb

(f)=RT Delta > 1/2 Window (m)=manual int.
04230924.D 1221F101608.M Fri Apr 24 12:29:53 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230935.D Vial: 35
Acq On : 24 Apr 2009 4:57 am Operator: K.B.
Sample : 1490.01 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:45:57 2009 Quant Results File: 1221F101608.RES

Quant Method : C:\MSDCHEM\1...\1221F101608.M (Chemstation Integrator)
Title :
Last Update : Tue Oct 21 15:26:40 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	26.86	3485309329	72.031		m
Target Compounds					
2) L1 1221(1)	2.94	14358330	0.148	ppb	m
3) L1 1221(2)	4.66	300879843	3.065	ppb	m
4) L1 1221(3)	5.10	29611581	0.453	ppb	m
5) L1 1221(4)	5.39f	64434064	0.292	ppb	m
Sum 1221(1)		409.3E6	3.958	ppb	
Average 1221(1)			0.990	ppb	

(f)=RT Delta > 1/2 Window (m)=manual int.
04230935.D 1221F101608.M Fri Apr 24 12:47:30 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230936.D Vial: 36
Acq On : 24 Apr 2009 5:30 am Operator: K.B.
Sample : 1490.03 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:47:45 2009 Quant Results File: 1221F101608.RES

Quant Method : C:\MSDCHEM\1...\1221F101608.M (Chemstation Integrator)
Title :
Last Update : Tue Oct 21 15:26:40 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	26.87	3987734758	82.415		m
Target Compounds					
2) L1 1221(1)	2.95	42359292	0.573	ppb	
3) L1 1221(2)	0.00	0	N.D.	ppb	
4) L1 1221(3)	5.15f	89018277	1.428	ppb	
5) L1 1221(4)	5.39f	88778966	0.416	ppb	
Sum 1221(1)		220.2E6	2.417	ppb	
Average 1221(1)			0.806	ppb	

(f)=RT Delta > 1/2 Window (m)=manual int.
04230936.D 1221F101608.M Fri Apr 24 12:48:07 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230901.D Vial: 1
Acq On : 23 Apr 2009 10:01 am Operator: K.B.
Sample : 1232 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:01:35 2009 Quant Results File: 1232F102708.RES

Quant Method : C:\MSDCHEM\1...\1232F102708.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 15:11:59 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1232(1)	5.29	200180912	0.812 ppb
3) L1 1232(2)	8.12	427924902	0.872 ppb
4) L1 1232(3)	8.79	154403742	1.047 ppb
5) L1 1232(4)	10.95	193267889	0.910 ppb
6) L1 1232(5)	12.22	147525152	0.894 ppb
7) L1 1232(6)	13.83	138137659	0.884 ppb
Sum 1232(1)		1261.4E6	5.419 ppb
Average 1232(1)			0.903 ppb

(f)=RT Delta > 1/2 Window (m)=manual int.
04230901.D 1232F102708.M Fri Apr 24 12:01:56 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230940.D Vial: 43
Acq On : 24 Apr 2009 7:42 am Operator: K.B.
Sample : 1232 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:02:30 2009 Quant Results File: 1232F102708.RES

Quant Method : C:\MSDCHEM\1...\1232F102708.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 15:11:59 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1232(1)	5.27	36266128	0.159 ppb
3) L1 1232(2)	8.11	76571315	0.144 ppb
4) L1 1232(3)	8.77	25166706	0.143 ppb
5) L1 1232(4)	10.93	33423770	0.138 ppb
6) L1 1232(5)	12.20	24085943	0.140 ppb
7) L1 1232(6)	13.82	25377138	0.157 ppb
Sum 1232(1)		220.9E6	0.881 ppb
Average 1232(1)			0.147 ppb

(f)=RT Delta > 1/2 Window (m)=manual int.
04230940.D 1232F102708.M Fri Apr 24 12:02:50 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230954.D Vial: 54
Acq On : 24 Apr 2009 3:43 pm Operator: K.B.
Sample : 1232 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 27 10:12:23 2009 Quant Results File: 1232F102708.RES

Quant Method : C:\MSDCHEM\1...\1232F102708.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 15:11:59 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units	
System Monitoring Compounds					
1) S	decachlorobiphenyl	26.88	188148380	3.836	
Target Compounds					
2) L1	1232(1)	5.28	36929704	0.161 ppb	
3) L1	1232(2)	8.12	76135152	0.143 ppb	
4) L1	1232(3)	8.79	26657519	0.153 ppb	m
5) L1	1232(4)	10.94	36414201	0.153 ppb	
6) L1	1232(5)	12.22	26872537	0.157 ppb	
7) L1	1232(6)	13.84	24793254	0.153 ppb	
Sum	1232(1)		227.8E6	0.920 ppb	
Average	1232(1)			0.153 ppb	

(f)=RT Delta > 1/2 Window (m)=manual int.
04230954.D 1232F102708.M Mon Apr 27 10:12:48 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230935.D Vial: 35
Acq On : 24 Apr 2009 4:57 am Operator: K.B.
Sample : 1490.01 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:24:24 2009 Quant Results File: 1232F102708.RES

Quant Method : C:\MSDCHEM\1...\1232F102708.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 15:11:59 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds						
1) S	decachlorobiphenyl	26.86	3496600603	71.294		m
Target Compounds						
2) L1	1232(1)	0.00	0	N.D.	ppb	
3) L1	1232(2)	0.00	0	N.D.	ppb	
4) L1	1232(3)	8.84f	41670170	0.258	ppb	
5) L1	1232(4)	0.00	0	N.D.	ppb	
6) L1	1232(5)	0.00	0	N.D.	ppb	
7) L1	1232(6)	13.76f	309682800	1.990	ppb	
Sum	1232(1)		351.4E6	2.248	ppb	
Average	1232(1)			1.124	ppb	

(f)=RT Delta > 1/2 Window (m)=manual int.
04230935.D 1232F102708.M Fri Apr 24 12:24:46 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230936.D Vial: 36
Acq On : 24 Apr 2009 5:30 am Operator: K.B.
Sample : 1490.03 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:24:58 2009 Quant Results File: 1232F102708.RES

Quant Method : C:\MSDCHEM\1...\1232F102708.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 15:11:59 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	26.87	3953322828	80.606		m
Target Compounds					
2) L1 1232(1)	0.00	0	N.D.	ppb	
3) L1 1232(2)	8.20f	36445249	0.061	ppb	
4) L1 1232(3)	8.82	31958019	0.190	ppb	
5) L1 1232(4)	11.01f	213907973	1.010	ppb	
6) L1 1232(5)	0.00	0	N.D.	ppb	
7) L1 1232(6)	13.79	164154013	1.052	ppb	
Sum 1232(1)		446.5E6	2.313	ppb	
Average 1232(1)			0.578	ppb	

(f)=RT Delta > 1/2 Window (m)=manual int.
04230936.D 1232F102708.M Fri Apr 24 12:25:26 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230915.D
Acq On : 23 Apr 2009 5:53 pm
Sample : 1248 1.0
Misc :
IntFile : EVENTS1.E
Quant Time: Apr 24 13:13:50 2009 Quant Results File: 1248F012709.RES

Vial: 15
Operator: K.B.
Inst : gc7
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\1248F012709.M (Chemstation Integrator)
Title :
Last Update : Wed Jan 28 11:09:54 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1248(1)	8.11	97085626	0.172 ppb
3) L1 1248(2)	10.95	92930498	0.167 ppb
4) L1 1248(3)	11.50	81233735	0.168 ppb
5) L1 1248(4)	12.21	95502749	0.167 ppb
6) L1 1248(5)	13.84	80061850	0.166 ppb
7) L1 1248(6)	16.53	34865904	0.149 ppb
Sum 1248(1)		481.7E6	0.988 ppb
Average 1248(1)			0.165 ppb

(f)=RT Delta > 1/2 Window
(m)=manual int.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230937.D Vial: 37
Acq On : 24 Apr 2009 6:03 am Operator: K.B.
Sample : 1248 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS1.E
Quant Time: Apr 24 13:14:30 2009 Quant Results File: 1248F012709.RES

Quant Method : C:\MSDCHEM\1...\1248F012709.M (Chemstation Integrator)
Title :
Last Update : Wed Jan 28 11:09:54 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1248(1)	8.10	493051272	0.909 ppb
3) L1 1248(2)	10.93	449530255	0.904 ppb
4) L1 1248(3)	11.49	392149405	0.900 ppb
5) L1 1248(4)	12.20	468392807	0.888 ppb
6) L1 1248(5)	13.82	408653080	0.889 ppb
7) L1 1248(6)	16.52	182451230	0.892 ppb
Sum 1248(1)		2394.2E6	5.382 ppb
Average 1248(1)			0.897 ppb

(f)=RT Delta > 1/2 Window (m)=manual int.
04230937.D 1248F012709.M Fri Apr 24 13:14:46 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230935.D Vial: 35
Acq On : 24 Apr 2009 4:57 am Operator: K.B.
Sample : 1490.01 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS1.E
Quant Time: Apr 24 13:28:23 2009 Quant Results File: 1248F012709.RES

Quant Method : C:\MSDCHEM\1...\1248F012709.M (Chemstation Integrator)
Title :
Last Update : Wed Jan 28 11:09:54 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	26.86	3639931548	82.532		
Target Compounds					
2) L1 1248(1)	0.00	0	N.D.	ppb	
3) L1 1248(2)	11.01f	95157430	0.171	ppb	
4) L1 1248(3)	11.42f	139178145	0.304	ppb	
5) L1 1248(4)	0.00	0	N.D.	ppb	
6) L1 1248(5)	13.76f	265116990	0.573	ppb	
7) L1 1248(6)	16.48	117375370	0.564	ppb	m
Sum 1248(1)		616.8E6	1.613	ppb	
Average 1248(1)			0.403	ppb	

(f)=RT Delta > 1/2 Window (m)=manual int.
04230935.D 1248F012709.M Fri Apr 24 13:28:54 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230936.D Vial: 36
Acq On : 24 Apr 2009 5:30 am Operator: K.B.
Sample : 1490.03 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS1.E
Quant Time: Apr 24 13:29:06 2009 Quant Results File: 1248F012709.RES

Quant Method : C:\MSDCHEM\1...\1248F012709.M (Chemstation Integrator)
Title :
Last Update : Wed Jan 28 11:09:54 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	26.87	3979538383	90.233		m
Target Compounds					
2) L1 1248(1)	8.20f	36445249	0.059	ppb	
3) L1 1248(2)	11.01	210847680	0.410	ppb	
4) L1 1248(3)	11.43f	22907257	0.030	ppb	m
5) L1 1248(4)	0.00	0	N.D.	ppb	
6) L1 1248(5)	13.79	156044409	0.333	ppb	
7) L1 1248(6)	16.50	78836500	0.370	ppb	
Sum 1248(1)		505.1E6	1.203	ppb	
Average 1248(1)			0.241	ppb	

(f)=RT Delta > 1/2 Window (m)=manual int.
04230936.D 1248F012709.M Fri Apr 24 13:29:41 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230908.D Vial: 8
Acq On : 23 Apr 2009 1:53 pm Operator: K.B.
Sample : 1254 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:51:36 2009 Quant Results File: 1254F041009.RES

Quant Method : C:\MSDCHEM\1...\1254F041009.M (Chemstation Integrator)
Title :
Last Update : Mon Apr 13 12:55:17 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1254(1)	12.89	518067566	0.983 ppb
3) L1 1254(2)	13.26	603854103	0.981 ppb
4) L1 1254(3)	16.53	550678246	1.019 ppb
5) L1 1254(4)	17.35	384855680	0.990 ppb
6) L1 1254(5)	18.94	303919765	1.104 ppb
7) L1 1254(6)	19.51	659081418	1.090 ppb
Sum 1254(1)		3020.5E6	6.167 ppb
Average 1254(1)			1.028 ppb

(f)=RT Delta > 1/2 Window (m)=manual int.
04230908.D 1254F041009.M Fri Apr 24 12:51:54 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230926.D Vial: 26
Acq On : 23 Apr 2009 11:58 pm Operator: K.B.
Sample : 1254 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 15:24:46 2009 Quant Results File: 1254F041009.RES

Quant Method : C:\MSDCHEM\1...\1254F041009.M (Chemstation Integrator)
Title :
Last Update : Mon Apr 13 12:55:17 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1254(1)	12.89	101514908	0.181 ppb
3) L1 1254(2)	13.26	117564390	0.181 ppb
4) L1 1254(3)	16.53	96622115	0.163 ppb m
5) L1 1254(4)	17.33	75794356	0.176 ppb m
6) L1 1254(5)	18.93	53685765	0.164 ppb
7) L1 1254(6)	19.50	109505956	0.176 ppb
Sum 1254(1)		554.7E6	1.040 ppb
Average 1254(1)			0.173 ppb

(f)=RT Delta > 1/2 Window (m)=manual int.
04230926.D 1254F041009.M Fri Apr 24 15:25:10 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230946.D Vial: 46
Acq On : 24 Apr 2009 11:01 am Operator: K.B.
Sample : 1254 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 15:59:37 2009 Quant Results File: 1254F041009.RES

Quant Method : C:\MSDCHEM\1...\1254F041009.M (Chemstation Integrator)
Title :
Last Update : Mon Apr 13 12:55:17 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
System Monitoring Compounds				
1) S	decachlorobiphenyl	0.00	0	N.D.
Target Compounds				
2) L1	1254(1)	12.89	454162900	0.860 ppb
3) L1	1254(2)	13.26	532454452	0.864 ppb
4) L1	1254(3)	16.52	496439950	0.916 ppb
5) L1	1254(4)	17.34	325635197	0.834 ppb
6) L1	1254(5)	18.93	276885870	1.002 ppb
7) L1	1254(6)	19.50	612629192	1.013 ppb
Sum	1254(1)		2698.2E6	5.489 ppb
Average	1254(1)			0.915 ppb

(f)=RT Delta > 1/2 Window (m)=manual int.
04230946.D 1254F041009.M Fri Apr 24 16:00:12 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230953.D Vial: 53
Acq On : 24 Apr 2009 3:09 pm Operator: K.B.
Sample : 1254 3.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 27 10:07:37 2009 Quant Results File: 1254F041009.RES

Quant Method : C:\MSDCHEM\1...\1254F041009.M (Chemstation Integrator)
Title :
Last Update : Mon Apr 13 12:55:17 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1254(1)	12.89	273227008	0.511 ppb
3) L1 1254(2)	13.27	267518517	0.428 ppb
4) L1 1254(3)	16.53	294597535	0.536 ppb
5) L1 1254(4)	17.35	195375432	0.491 ppb
6) L1 1254(5)	18.94	158986803	0.559 ppb
7) L1 1254(6)	19.51	361816848	0.596 ppb
Sum 1254(1)		1551.5E6	3.121 ppb
Average 1254(1)			0.520 ppb

(f)=RT Delta > 1/2 Window (m)=manual int.
04230953.D 1254F041009.M Mon Apr 27 10:10:10 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230908.D Vial: 8
Acq On : 23 Apr 2009 1:53 pm Operator: K.B.
Sample : 1254 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:51:36 2009 Quant Results File: 1254F041009.RES

Quant Method : C:\MSDCHEM\1...\1254F041009.M (Chemstation Integrator)
Title :
Last Update : Mon Apr 13 12:55:17 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1254(1)	12.89	518067566	0.983 ppb
3) L1 1254(2)	13.26	603854103	0.981 ppb
4) L1 1254(3)	16.53	550678246	1.019 ppb
5) L1 1254(4)	17.35	384855680	0.990 ppb
6) L1 1254(5)	18.94	303919765	1.104 ppb
7) L1 1254(6)	19.51	659081418	1.090 ppb
Sum 1254(1)		3020.5E6	6.167 ppb
Average 1254(1)			1.028 ppb

(f)=RT Delta > 1/2 Window (m)=manual int.
04230908.D 1254F041009.M Fri Apr 24 12:51:54 2009

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230935.D Vial: 35
Acq On : 24 Apr 2009 4:57 am Operator: K.B.
Sample : 1490.01 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 13:07:11 2009 Quant Results File: 1254F041009.RES

Quant Method : C:\MSDCHEM\1...\1254F041009.M (Chemstation Integrator)
Title :
Last Update : Mon Apr 13 12:55:17 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S decachlorobiphenyl	26.86	3498157863	79.381		m
Target Compounds					
2) L1 1254(1)	12.96f	20399458	0.024	ppb	
3) L1 1254(2)	0.00	0	N.D.	ppb	
4) L1 1254(3)	16.50	47117122	0.069	ppb	
5) L1 1254(4)	0.00	0	N.D.	ppb	
6) L1 1254(5)	19.03f	80329535	0.264	ppb	
7) L1 1254(6)	0.00	0	N.D.	ppb	
Sum 1254(1)		147.8E6	0.357	ppb	
Average 1254(1)			0.119	ppb	

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042309F\04230936.D Vial: 36
Acq On : 24 Apr 2009 5:30 am Operator: K.B.
Sample : 1490.03 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 13:07:47 2009 Quant Results File: 1254F041009.RES

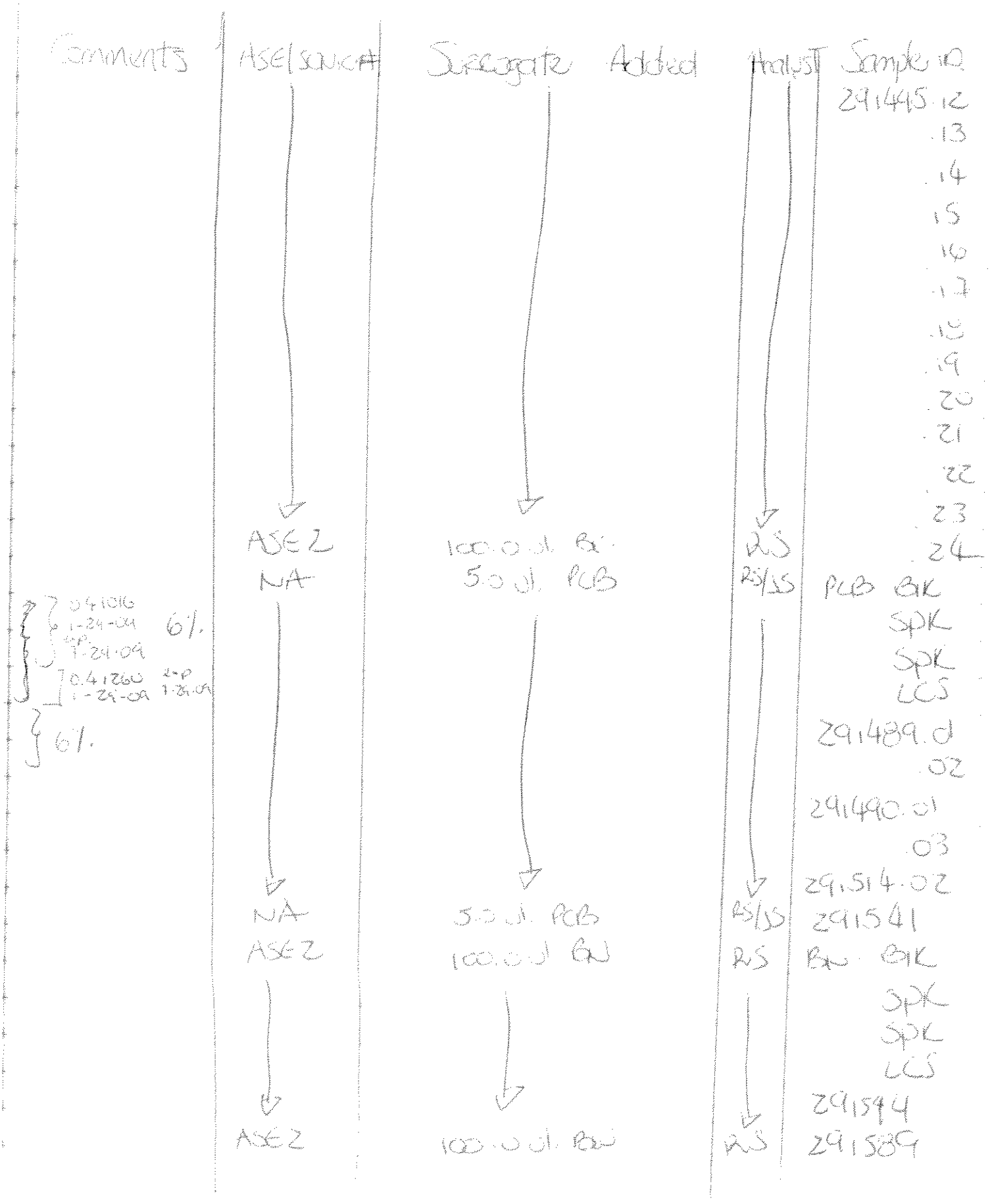
Quant Method : C:\MSDCHEM\1...\1254F041009.M (Chemstation Integrator)
Title :
Last Update : Mon Apr 13 12:55:17 2009
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.86	3851097091	87.390
Target Compounds			
2) L1 1254(1)	0.00	0	N.D. ppb
3) L1 1254(2)	0.00	0	N.D. ppb
4) L1 1254(3)	16.50	62554808	0.098 ppb
5) L1 1254(4)	0.00	0	N.D. ppb
6) L1 1254(5)	18.85f	329441867	1.200 ppb
7) L1 1254(6)	19.53	127105561	0.206 ppb
Sum 1254(1)		519.1E6	1.504 ppb
Average 1254(1)			0.501 ppb

(f)=RT Delta > 1/2 Window (m)=manual int.
04230936.D 1254F041009.M Fri Apr 24 13:08:01 2009

Date	Sample ID.	Matrix	Sample wt/vol.	Final vol	Vial ID.	Dilut.	Method	Init pH	Final pH	Con
	291495.12				1495.12	x 100				
	.13				.13	x 100				
	.14				.14	x 100				
	.15				.15	x 100				
	.16				.16	x 100				
	.17				.17	x 100				
	.18				.18	x 100				
	.19				.19	x 100				
	.20				.20	x 100				
	.21				.21	x 100				
	.22				.22	x 100				
	.23				.23	x 100				
	.24	S	10.0g.	1.0ml	.24	x 100	Pah	NA	NA	
4.23.09	PCB. BLK	W	1000.0ml		BLK	x 0.1	PCB	~7	~7	
	SPK				SPK	x 0.1				
	SPK				SPK	x 0.1				
	LCS		1000.0ml		LCS	x 0.1				
	291489.01		2000.0ml		1489.01	x 0.05				
	.02				.02	x 0.05				
	291490.01				1490.01	x 0.05				
	.03				.03	x 0.05				
	291514.02				1514.02	x 0.05				
	291541	W	2000.0ml	1.0ml	1541	x 0.05	PCB	~7	~7	
4.23.09	BN. BLK	S	33.3g.		BLK	x 30	BN	NA	NA	
	SPK				SPK	x 30				
	SPK				SPK	x 30				
	LCS				LCS	x 30				
	291544		33.3g		1544	x 30	BN			
	291589.		10.0g.	1.0ml	1589	x 100	Pah	NA	NA	


Comments
ASE/Solvent
Surrogate Added
Analyst
Sample ID
291445 -12
-13
-14
-15
-16
-17
-18
-19
-20
-21
-22
-23
-24
ASE 2
NA
100.0 µL BZ
50 µL PCB
RJS
RS/JS
PCB BK
SPK
SPK
LCS
291489 -01
-02
291490 -01
-03
291514 -02
291541
BZ BK
SPK
SPK
LCS
291594
291589
0.4 1016
1-24-09
1&P 1-24-09
6%
0.4 1260
1-24-09
1&P 1-24-09
6%
NA
ASE 2
5.0 µL PCB
100.0 µL BZ
RS/JS
RJS
ASE 2
100.0 µL BZ
RJS

Sequence Name: C:\MSDCHEM\1\SEQUENCE\042309.S
Comment:
Operator: K.B.
Data Path: C:\MSDchem\1\DATA\042309f\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	04230901	PCBSF	1232 6.0
2	Sample	2	04230902	PCBSF	1016/1260 0.5
3	Sample	3	04230903	PCBSF	1016/1260 1.0
4	Sample	4	04230904	PCBSF	1016/1260 3.0
5	Sample	5	04230905	PCBSF	1016/1260 6.0
6	Sample	6	04230906	PCBSF	1016/1260 9.0
7	Sample	7	04230907	PCBSF	pcb surr
8	Sample	8	04230908	PCBSF	1254 6.0
9	Sample	9	04230909	PCBSF	met bl x0.1 4/20/09
10	Sample	10	04230910	PCBSF	0.4 1016 lcs nc x0.1
11	Sample	11	04230911	PCBSF	1406 6% x0.05
12	Sample	12	04230912	PCBSF	1016 ref
13	Sample	13	04230913	PCBSF	1260 ref
14	Sample	14	04230914	PCBSF	1221 1.0
15	Sample	15	04230915	PCBSF	1248 1.0
16	Sample	16	04230916	PCBSF	1446.01 6% x0.05
17	Sample	17	04230917	PCBSF	1446.03 nc x0.05
18	Sample	18	04230918	PCBSF	1446.05 nc x0.05
19	Sample	19	04230919	PCBSF	1475.01 6% x0.05
20	Sample	20	04230920	PCBSF	1475.03 6% x0.05, MS
21	Sample	21	04230921	PCBSF	1475.05 6% x0.05, MSD
22	Sample	22	04230922	PCBSF	1475.07 nc x0.05
23	Sample	23	04230923	PCBSF	1475.09 nc x0.05
24	Sample	24	04230924	PCBSF	1221 6.0
25	Sample	25	04230925	PCBSF	1016/1260 3.0
26	Sample	26	04230926	PCBSF	1254 1.0
27	Sample	27	04230927	PCBSF	1475.11 nc x0.05
28	Sample	28	04230928	PCBSF	1475.13 nc x0.05
29	Sample	29	04230929	PCBSF	1475.15 nc x0.05
30	Sample	30	04230930	PCBSF	1242 6.0
31	Sample	31	04230931	PCBSF	met bl x0.1 4/23/09
32	Sample	32	04230932	PCBSF	0.4 1260 lcs nc x0.1
33	Sample	33	04230933	PCBSF	1489.01 6% x0.05
34	Sample	34	04230934	PCBSF	1489.02 6% x0.05
35	Sample	35	04230935	PCBSF	1490.01 nc x0.05
36	Sample	36	04230936	PCBSF	1490.03 nc x0.05
37	Sample	37	04230937	PCBSF	1248 6.0
38	Sample	38	04230938	PCBSF	1514.02 nc x0.05
39	Sample	39	04230939	PCBSF	1541 nc x0.05
40	Sample	40	04230940	PCBSF	1232 1.0
41	Sample	41	04230941	PCBSF	1242 1.0
42	Sample	42	04230942	PCBSF	0.4 1016 spike 6% x0.1
43	Sample	43	04230943	PCBSF	0.4 1016 dp spike 6% x0.1

Sequence Name: C:\MSDCHEM\1\SEQUENCE\042309.S

Line	Type	Vial	DataFile	Method	Sample Name
44	Sample	44	04230944	PCBSF	1016/1260 6.0
45	Sample	45	04230945	PCBSF	1254 6.0
46	Sample	46	04230946	PCBSF	1254 ref
47	Sample	47	04230947	PCBSF	met bl x5k 4/23/09
48	Sample	48	04230948	PCBSF	4.0 1260 spike nc x5k
49	Sample	49	04230949	PCBSF	4.0 1260 dp spike nc x5k
50	Sample	50	04230950	PCBSF	4.0 1016 lcs nc x5k
51	Sample	51	04230951	PCBSF	1548 nc x5k
52	Sample	52	04230952	PCBSF	1248 ref
53	Sample	53	04230953	PCBSF	1254 3.0
54	Sample	54	04230954	PCBSF	1232 1.0
55	Sample	55	04230955	PCBSF	1016/1260 1.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230901.D Vial: 1
Acq On : 23 Apr 2009 10:01 am Operator: K.B.
Sample : 1232 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 10:31:52 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.29	200180912	1.068 ppb
3) L1 1016(2)	6.71	240156132	0.490 ppb
4) L1 1016(3)	8.12	427924902	0.429 ppb
5) L1 1016(4)	8.79	154403742	0.512 ppb
6) L1 1016(5)	10.95	193267889	0.571 ppb
Sum 1016(1)		1215.9E6	3.070 ppb
Average 1016(1)			0.614 ppb
7) L2 1260(6)	16.80	15597396	N.D. ppb
8) L2 1260(7)	17.35	18088912	0.016 ppb
9) L2 1260(8)	21.19	7462559	0.013 ppb
10) L2 1260(9)	21.76	16406161	0.026 ppb
11) L2 1260(10)	23.34	8792733	0.029 ppb
Sum 1260(6)		50750364	0.081 ppb
Average 1260(6)			0.020 ppb

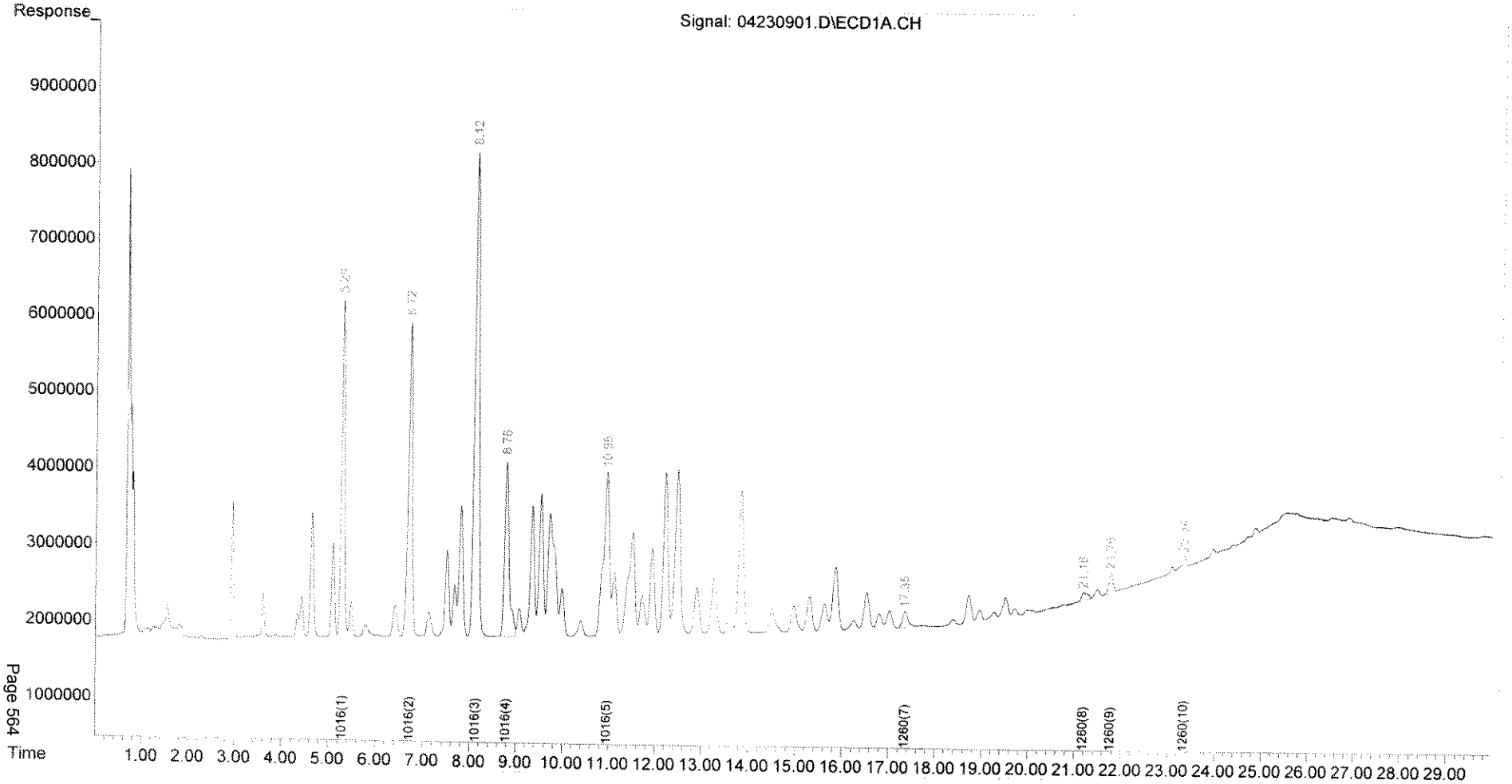
(f)=RT Delta > 1/2 Window (m)=manual int.
04230901.D PCBSF.M Thu Apr 23 10:31:52 2009

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230901.D Vial: 1
Acq On : 23 Apr 2009 10:01 am Operator: K.B.
Sample : 1232 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 10:31 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230902.D Vial: 2
Acq On : 23 Apr 2009 10:34 am Operator: K.B.
Sample : 1016/1260 0.5 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 11:04:52 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

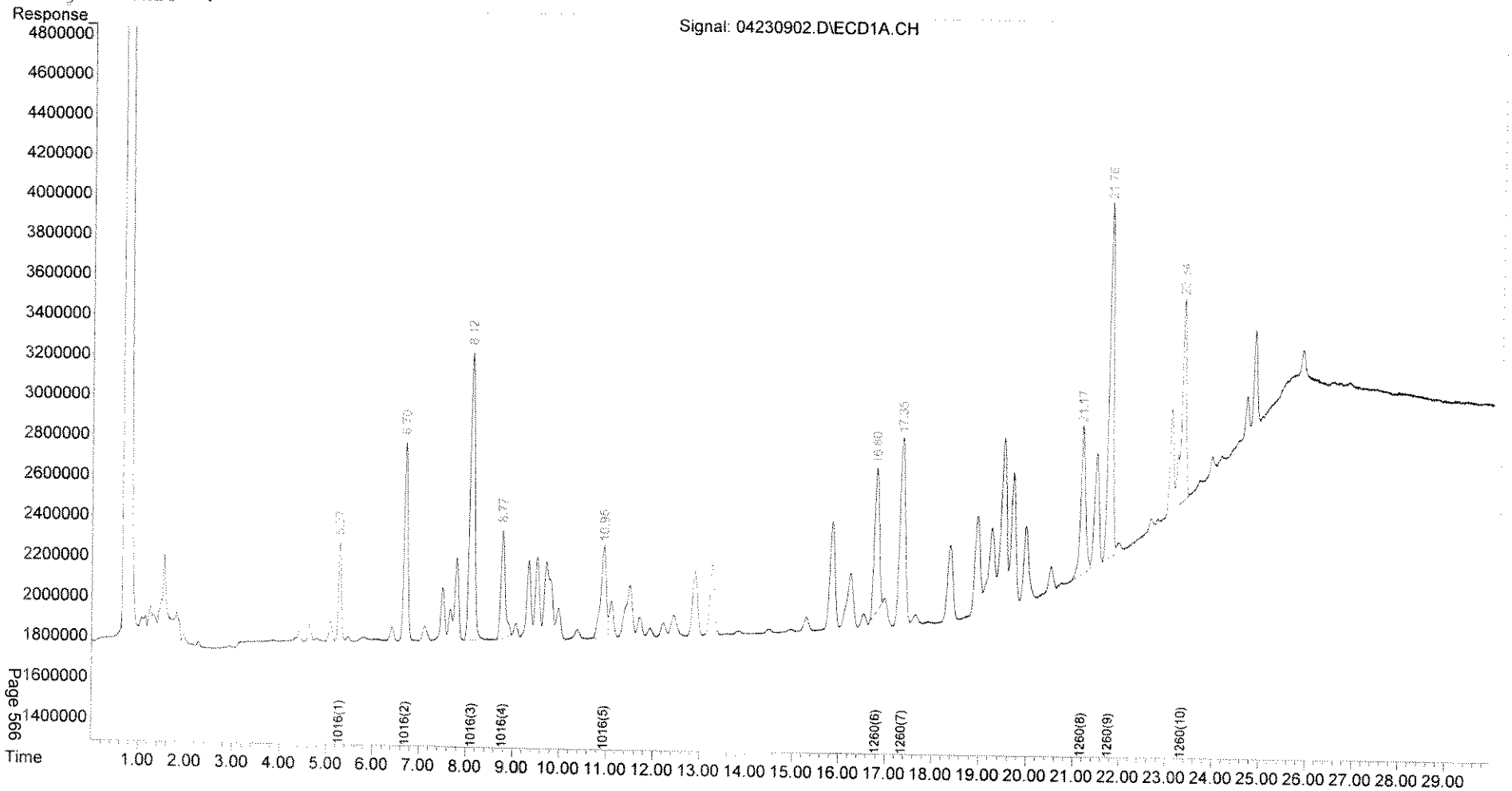
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.28	21563322	0.088 ppb
3) L1 1016(2)	6.70	54188221	0.094 ppb
4) L1 1016(3)	8.12	99563616	0.096 ppb
5) L1 1016(4)	8.77	34463709	0.097 ppb
6) L1 1016(5)	10.95	37365357	0.091 ppb
Sum 1016(1)		247.1E6	0.465 ppb
Average 1016(1)			0.093 ppb
7) L2 1260(6)	16.80	51732478	0.061 ppb
8) L2 1260(7)	17.35	74654800	0.097 ppb
9) L2 1260(8)	21.17	52305575	0.099 ppb
10) L2 1260(9)	21.76	112958043	0.104 ppb
11) L2 1260(10)	23.34	56187642	0.112 ppb
Sum 1260(6)		347.8E6	0.474 ppb
Average 1260(6)			0.095 ppb

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230902.D Vial: 2
Acq On : 23 Apr 2009 10:34 am Operator: K.B.
Sample : 1016/1260 0.5 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 11:04 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230903.D Vial: 3
Acq On : 23 Apr 2009 11:07 am Operator: K.B.
Sample : 1016/1260 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 11:38:02 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.27	42464120	0.203 ppb
3) L1 1016(2)	6.70	108076290	0.208 ppb
4) L1 1016(3)	8.11	200012602	0.198 ppb
5) L1 1016(4)	8.77	73595043	0.233 ppb
6) L1 1016(5)	10.94	74379135	0.205 ppb
Sum 1016(1)		498.5E6	1.046 ppb
Average 1016(1)			0.209 ppb
7) L2 1260(6)	16.79	128233930	0.200 ppb
8) L2 1260(7)	17.34	148495683	0.203 ppb
9) L2 1260(8)	21.17	105742692	0.202 ppb
10) L2 1260(9)	21.76	233326893	0.203 ppb
11) L2 1260(10)	23.33	137724977	0.254 ppb
Sum 1260(6)		753.5E6	1.062 ppb
Average 1260(6)			0.212 ppb

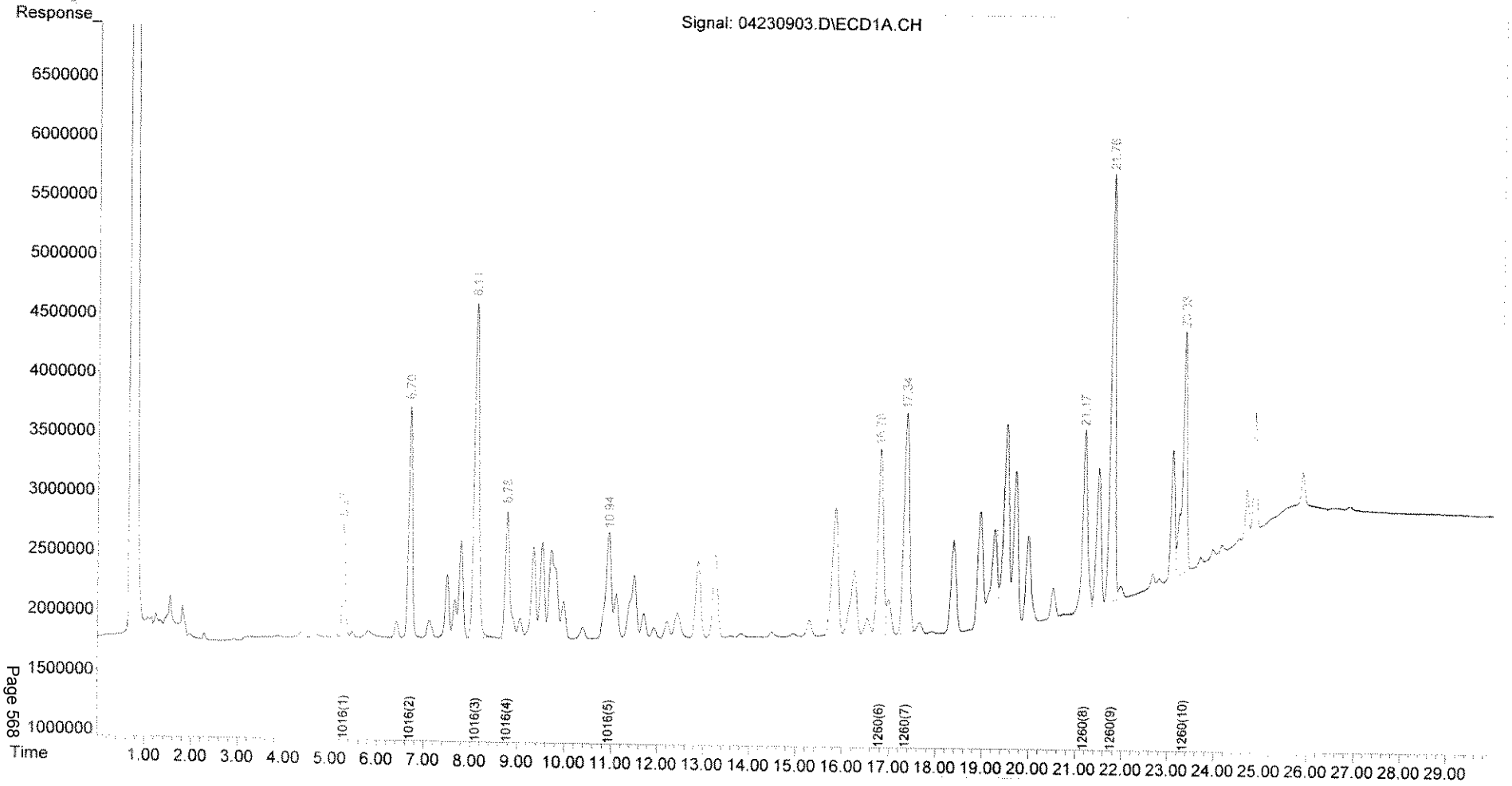
(f)=RT Delta > 1/2 Window (m)=manual int.
04230903.D PCBSF.M Thu Apr 23 11:38:03 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230903.D Vial: 3
Acq On : 23 Apr 2009 11:07 am Operator: K.B.
Sample : 1016/1260 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 11:38 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230904.D Vial: 4
Acq On : 23 Apr 2009 11:40 am Operator: K.B.
Sample : 1016/1260 3.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 12:11:03 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.28	120857875	0.633 ppb
3) L1 1016(2)	6.70	298231312	0.613 ppb
4) L1 1016(3)	8.11	575871295	0.580 ppb
5) L1 1016(4)	8.77	204830174	0.687 ppb
6) L1 1016(5)	10.94	207224085	0.614 ppb
Sum 1016(1)		1407.0E6	3.127 ppb
Average 1016(1)			0.625 ppb
7) L2 1260(6)	16.80	349299795	0.599 ppb
8) L2 1260(7)	17.34	413475310	0.583 ppb
9) L2 1260(8)	21.17	308522463	0.592 ppb
10) L2 1260(9)	21.76	673958747	0.562 ppb
11) L2 1260(10)	23.33	398043029	0.708 ppb
Sum 1260(6)		2143.3E6	3.044 ppb
Average 1260(6)			0.609 ppb

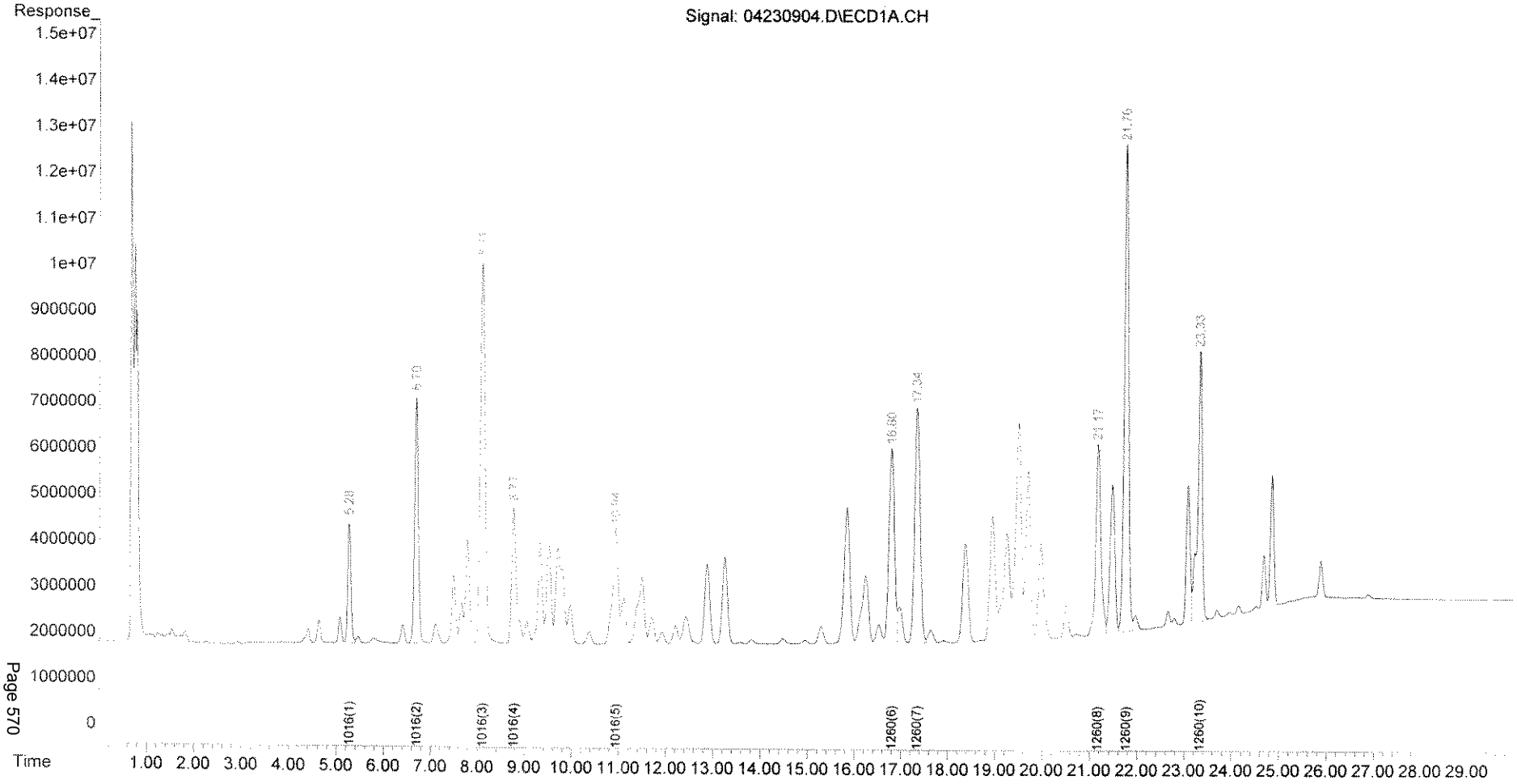
(f)=RT Delta > 1/2 Window (m)=manual int.
04230904.D PCBSF.M Thu Apr 23 12:11:04 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230904.D Vial: 4
Acq On : 23 Apr 2009 11:40 am Operator: K.B.
Sample : 1016/1260 3.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 12:11 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230905.D Vial: 5
Acq On : 23 Apr 2009 12:14 pm Operator: K.B.
Sample : 1016/1260 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 12:44:17 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.88f	8945944	0.182
Target Compounds			
2) L1 1016(1)	5.28	215464105	1.152 ppb
3) L1 1016(2)	6.70	539197423	1.126 ppb
4) L1 1016(3)	8.11	1074210492	1.087 ppb
5) L1 1016(4)	8.78	370677508	1.261 ppb
6) L1 1016(5)	10.94	373973816	1.129 ppb
Sum 1016(1)		2573.5E6	5.754 ppb
Average 1016(1)			1.151 ppb
7) L2 1260(6)	16.80	654460895	1.150 ppb
8) L2 1260(7)	17.34	778889190	1.107 ppb
9) L2 1260(8)	21.17	587835574	1.128 ppb
10) L2 1260(9)	21.76	1321343009	1.090 ppb
11) L2 1260(10)	23.33	770917449	1.358 ppb
Sum 1260(6)		4113.4E6	5.834 ppb
Average 1260(6)			1.167 ppb

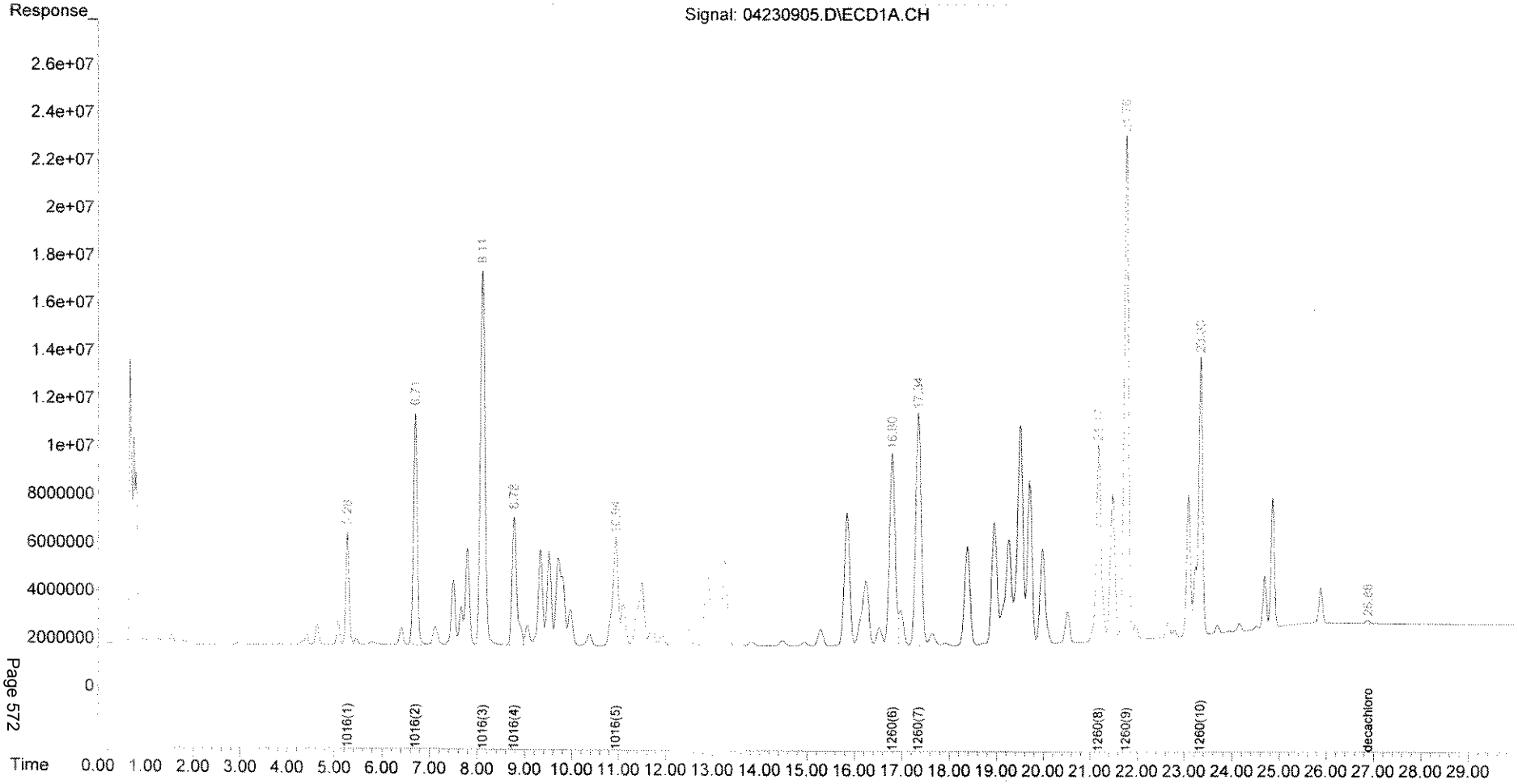
(f)=RT Delta > 1/2 Window (m)=manual int.
04230905.D PCBSF.M Thu Apr 23 12:44:18 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230905.D Vial: 5
Acq On : 23 Apr 2009 12:14 pm Operator: K.B.
Sample : 1016/1260 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 12:44 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230906.D Vial: 6
Acq On : 23 Apr 2009 12:47 pm Operator: K.B.
Sample : 1016/1260 9.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 13:17:15 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.88f	14454998	0.295
Target Compounds			
2) L1 1016(1)	5.28	320952222	1.730 ppb
3) L1 1016(2)	6.70	812138107	1.707 ppb
4) L1 1016(3)	8.11	1661570937	1.684 ppb
5) L1 1016(4)	8.78	563531785	1.929 ppb
6) L1 1016(5)	10.94	559384199	1.701 ppb
Sum 1016(1)		3917.6E6	8.750 ppb
Average 1016(1)			1.750 ppb
7) L2 1260(6)	16.79	993643840	1.763 ppb
8) L2 1260(7)	17.35	1190668508	1.697 ppb
9) L2 1260(8)	21.17	893800391	1.716 ppb
10) L2 1260(9)	21.76	2045304931	1.680 ppb
11) L2 1260(10)	23.33	1190003019	2.090 ppb
Sum 1260(6)		6313.4E6	8.946 ppb
Average 1260(6)			1.789 ppb

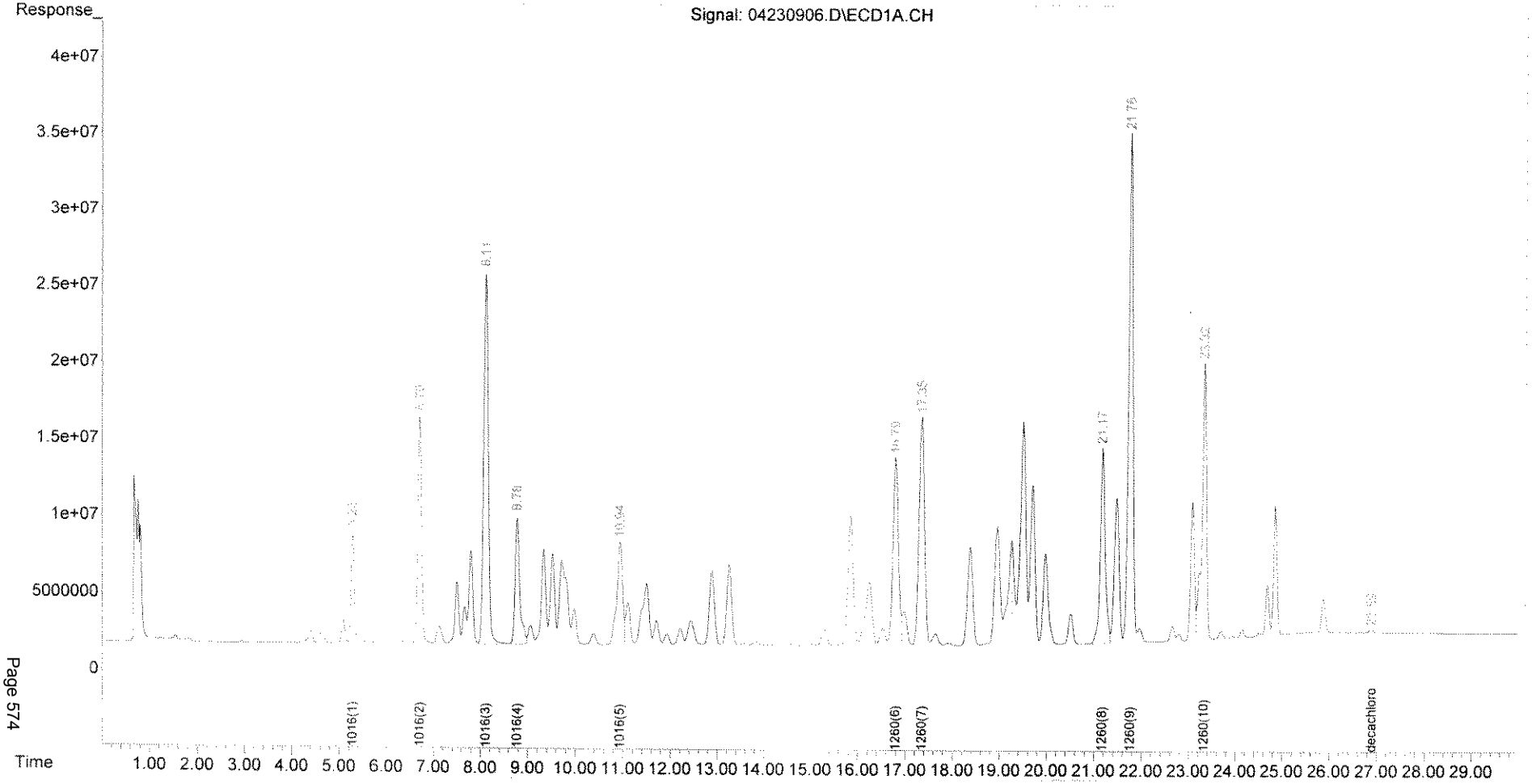
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230906.D Vial: 6
Acq On : 23 Apr 2009 12:47 pm Operator: K.B.
Sample : 1016/1260 9.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 13:17 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230907.D Vial: 7
Acq On : 23 Apr 2009 1:20 pm Operator: K.B.
Sample : pcb surr Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 13:50:29 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.87f	4288172204	87.433	
Target Compounds				
2) L1 1016(1)	0.00	0	N.D.	ppb
3) L1 1016(2)	0.00	0	N.D.	ppb
4) L1 1016(3)	0.00	0	N.D.	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	0.00	0	N.D.	ppb
Sum 1016(1)		0	N.D.	ppb
Average 1016(1)			0.000	ppb
7) L2 1260(6)	0.00	0	N.D.	ppb
8) L2 1260(7)	0.00	0	N.D.	ppb
9) L2 1260(8)	0.00	0	N.D.	ppb
10) L2 1260(9)	0.00	0	N.D.	ppb
11) L2 1260(10)	0.00	0	N.D.	ppb
Sum 1260(6)		0	N.D.	ppb
Average 1260(6)			0.000	ppb

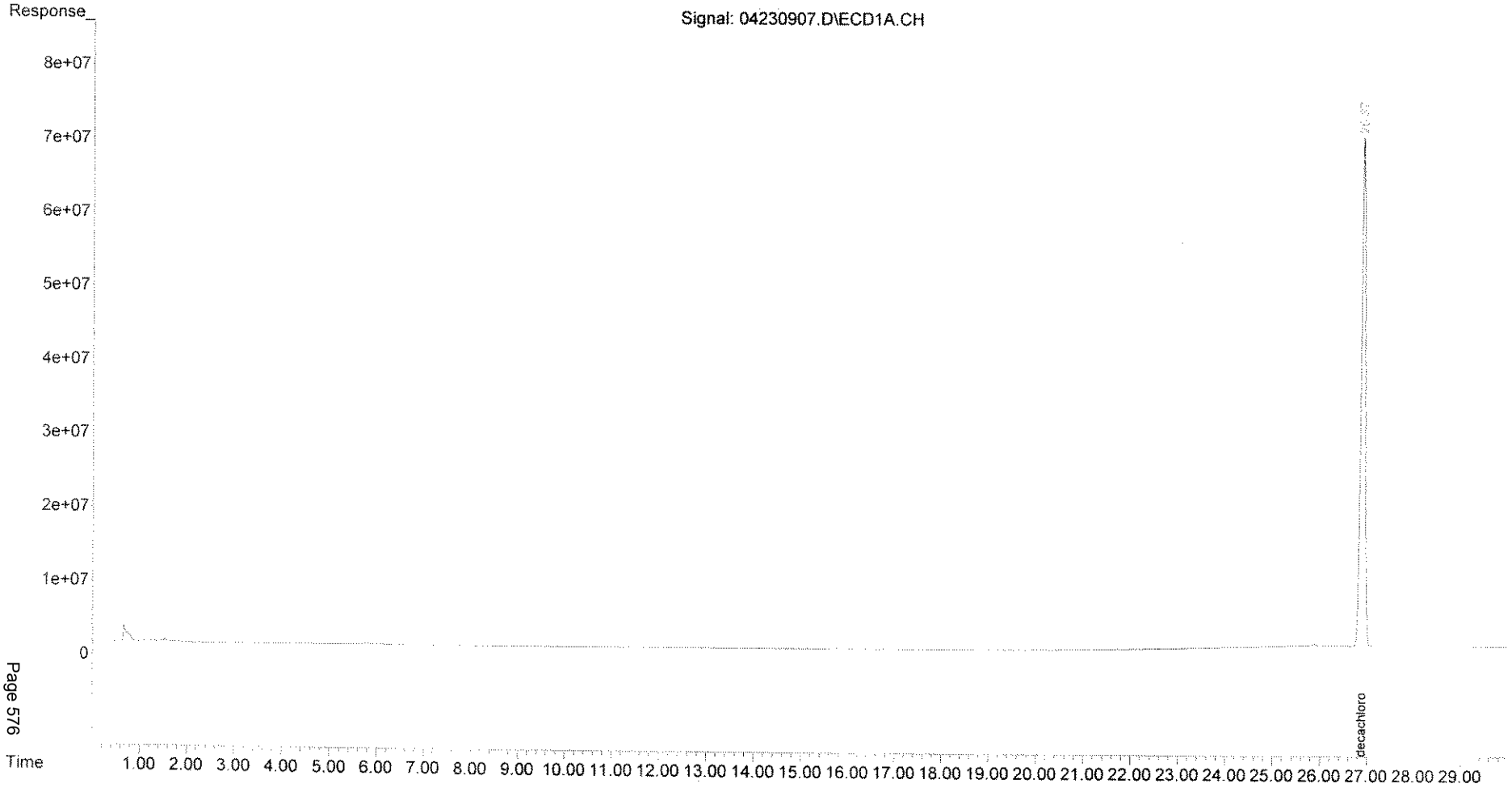
(f)=RT Delta > 1/2 Window (m)=manual int.
04230907.D PCBSF.M Thu Apr 23 13:50:29 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230907.D Vial: 7
Acq On : 23 Apr 2009 1:20 pm Operator: K.B.
Sample : pcb surr Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 13:50 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230908.D Vial: 8
Acq On : 23 Apr 2009 1:53 pm Operator: K.B.
Sample : 1254 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 14:23:32 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	0.00	0	N.D.	
Target Compounds				
2) L1 1016(1)	0.00	0	N.D.	ppb
3) L1 1016(2)	6.70	9225285	N.D.	ppb
4) L1 1016(3)	8.11	18949021	0.014	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	10.94	141033169	0.410	ppb
Sum 1016(1)		160.0E6	0.422	ppb
Average 1016(1)			0.211	ppb
7) L2 1260(6)	16.80	317318638	0.541	ppb
8) L2 1260(7)	17.35	384740535	0.542	ppb
9) L2 1260(8)	21.27f	240958441	0.462	ppb
10) L2 1260(9)	21.76	163554512	0.146	ppb
11) L2 1260(10)	23.33	105667163	0.198	ppb
Sum 1260(6)		1212.2E6	1.889	ppb
Average 1260(6)			0.378	ppb

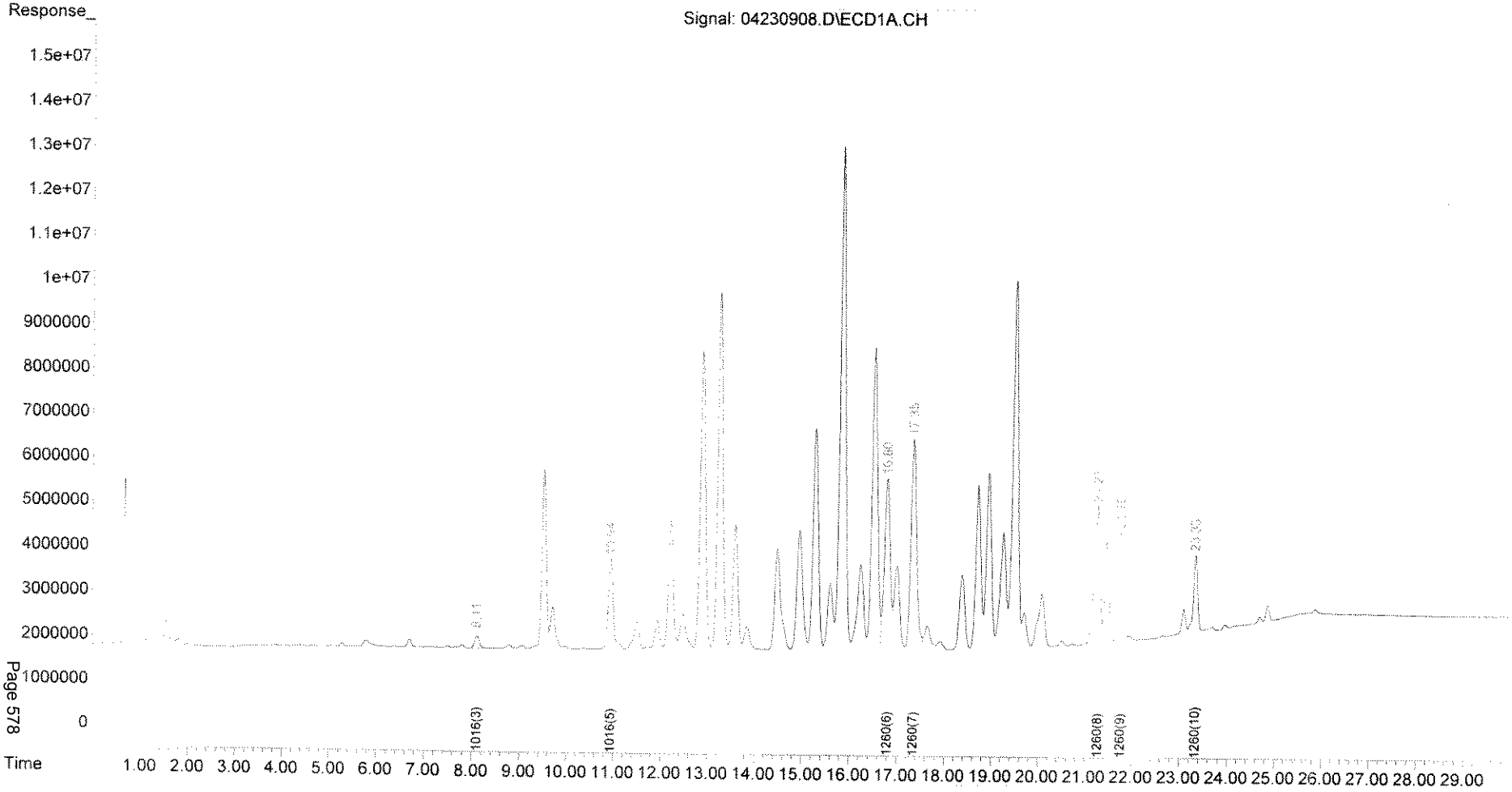
(f)=RT Delta > 1/2 Window (m)=manual int.
04230908.D PCBSF.M Thu Apr 23 14:23:32 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230908.D Vial: 8
Acq On : 23 Apr 2009 1:53 pm Operator: K.B.
Sample : 1254 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 14:23 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230909.D Vial: 9
Acq On : 23 Apr 2009 2:26 pm Operator: K.B.
Sample : met bl x0.1 4/20/09 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 14:56:53 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.87f	4485833382	91.463	
Target Compounds				
2) L1 1016(1)	5.25	4275192	N.D.	ppb
3) L1 1016(2)	6.84f	198341628	0.401	ppb
4) L1 1016(3)	0.00	0	N.D.	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	11.02	38918497	0.095	ppb
Sum 1016(1)		237.3E6	0.489	ppb
Average 1016(1)			0.245	ppb
7) L2 1260(6)	0.00	0	N.D.	ppb
8) L2 1260(7)	0.00	0	N.D.	ppb
9) L2 1260(8)	21.28f	26015365	0.049	ppb
10) L2 1260(9)	0.00	0	N.D.	ppb
11) L2 1260(10)	23.35	4477749	0.022	ppb
Sum 1260(6)		30493114	0.070	ppb
Average 1260(6)			0.035	ppb

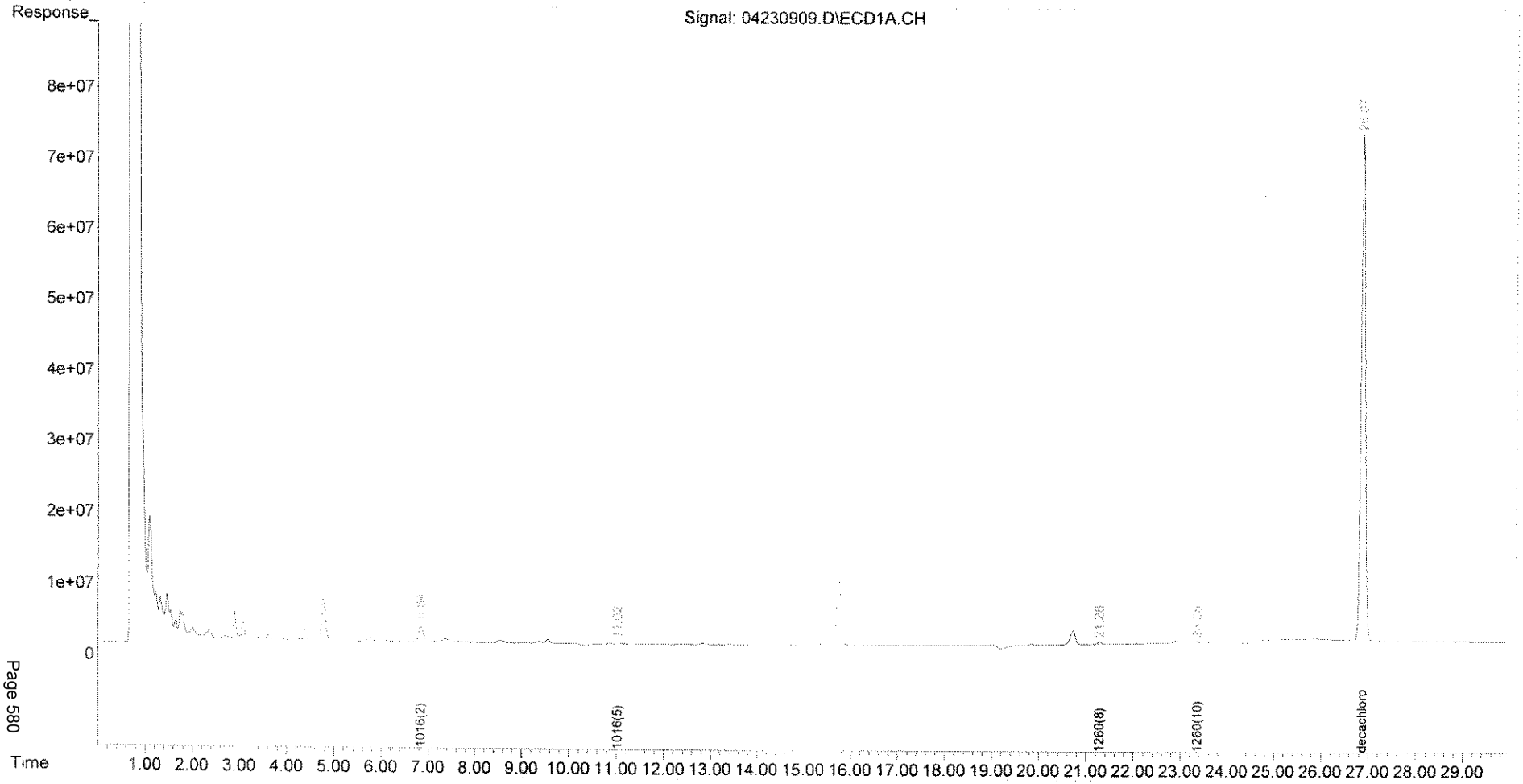
(f)=RT Delta > 1/2 Window (m)=manual int.
04230909.D PCBSF.M Thu Apr 23 14:56:54 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230909.D Vial: 9
Acq On : 23 Apr 2009 2:26 pm Operator: K.B.
Sample : met bl x0.1 4/20/09 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 14:56 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230910.D Vial: 10
Acq On : 23 Apr 2009 3:00 pm Operator: K.B.
Sample : 0.4 1016 lcs nc x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 15:30:07 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.88f	4142664860	84.466	
Target Compounds				
2) L1 1016(1)	5.28	138229472	0.728	ppb
3) L1 1016(2)	6.70	306196768	0.630	ppb
4) L1 1016(3)	8.11	633381081	0.638	ppb
5) L1 1016(4)	8.78	242495158	0.817	ppb
6) L1 1016(5)	10.94	273662852	0.819	ppb
Sum 1016(1)		1594.0E6	3.633	ppb
Average 1016(1)			0.727	ppb
7) L2 1260(6)	0.00	0	N.D.	ppb
8) L2 1260(7)	0.00	0	N.D.	ppb
9) L2 1260(8)	21.29f	193392969	0.371	ppb
10) L2 1260(9)	21.76	9794?922	0.092	ppb
11) L2 1260(10)	23.35	85617161	0.163	ppb
Sum 1260(6)		377.0E6	0.626	ppb
Average 1260(6)			0.209	ppb

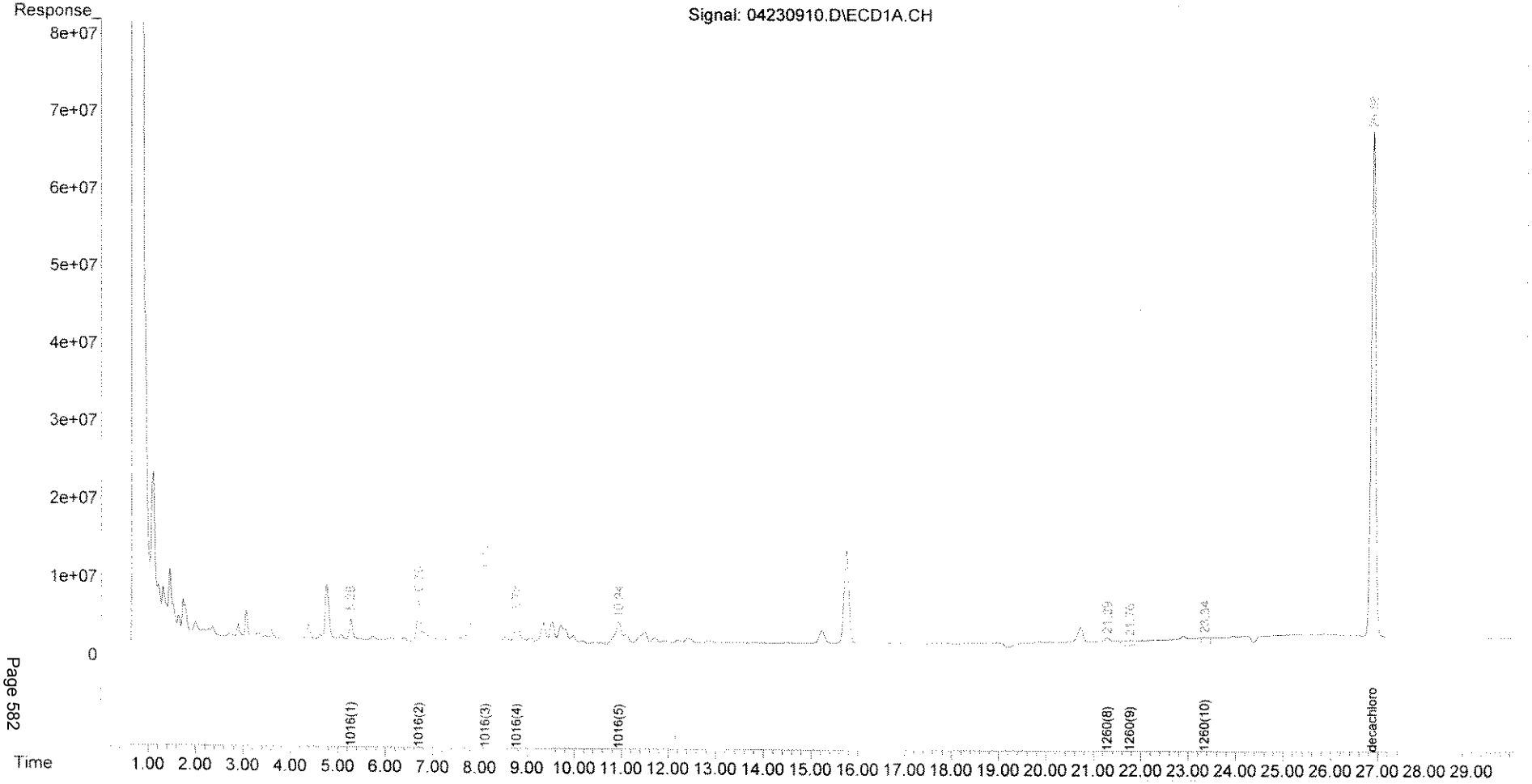
(f)=RT Delta > 1/2 Window (m)=manual int.
04230910.D PCBSF.M Thu Apr 23 15:30:08 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230910.D Vial: 10
Acq On : 23 Apr 2009 3:00 pm Operator: K.B.
Sample : 0.4 1016 lcs nc x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 15:30 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230911.D Vial: 11
Acq On : 23 Apr 2009 3:33 pm Operator: K.B.
Sample : 1406 6% x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 16:03:40 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.88f	3643935372	74.298	
Target Compounds				
2) L1 1016(1)	5.25	14704084	0.050	ppb
3) L1 1016(2)	0.00	0	N.D.	ppb
4) L1 1016(3)	0.00	0	N.D.	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	10.99	19016219	0.034	ppb
Sum 1016(1)		33720303	0.084	ppb
Average 1016(1)			0.042	ppb
7) L2 1260(6)	16.79	13737971	N.D.	ppb
8) L2 1260(7)	17.35	29564696	0.033	ppb
9) L2 1260(8)	21.25	17129661	0.032	ppb
10) L2 1260(9)	21.79	48058008	0.052	ppb
11) L2 1260(10)	23.36	340680057	0.608	ppb
Sum 1260(6)		435.4E6	0.717	ppb
Average 1260(6)			0.179	ppb

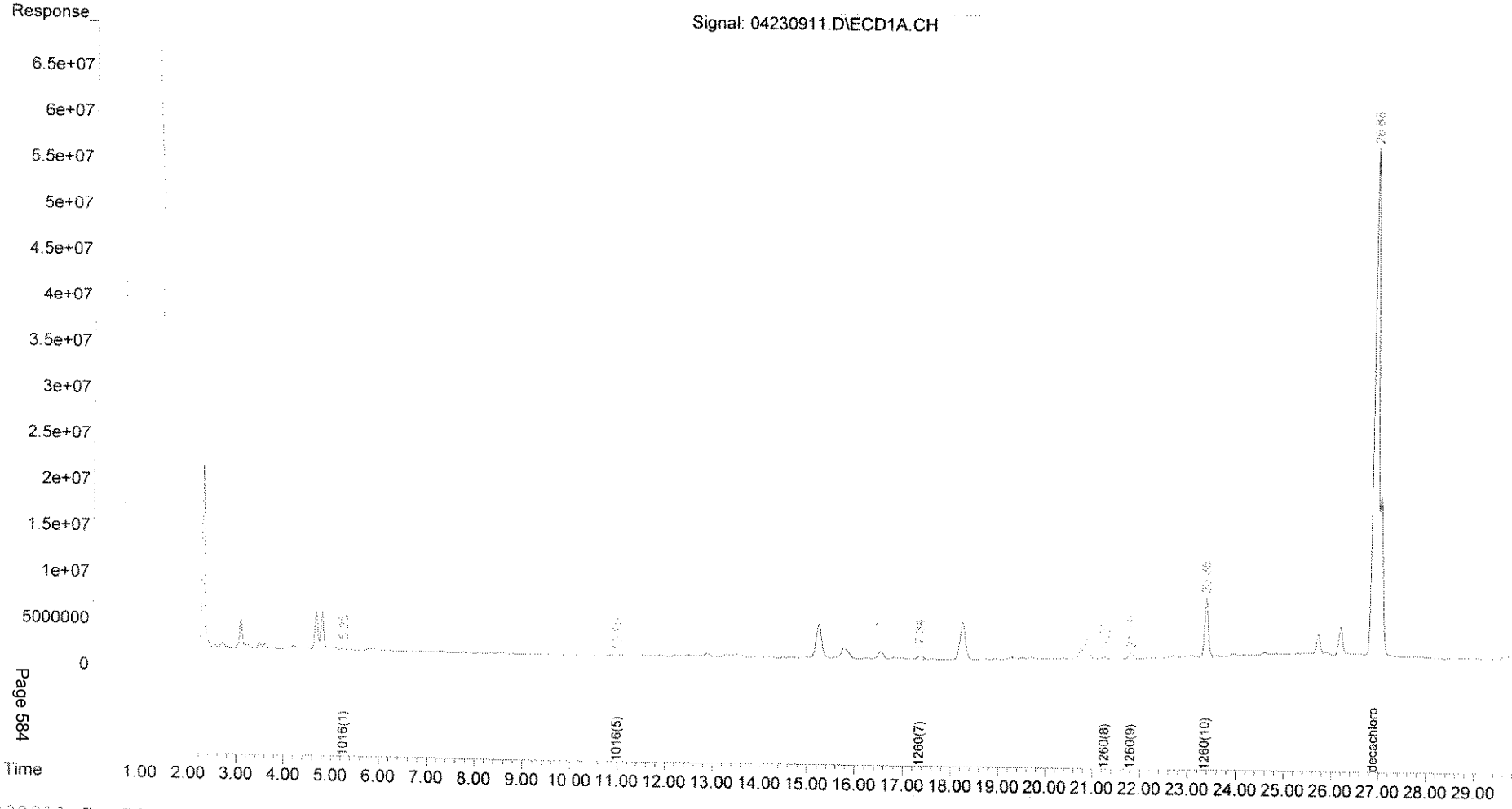
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230911.D Vial: 11
Acq On : 23 Apr 2009 3:33 pm Operator: K.B.
Sample : 1406 6% x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 16:03 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230912.D Vial: 12
Acq On : 23 Apr 2009 4:06 pm Operator: K.B.
Sample : 1016 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 16:36:28 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.28	190837961	1.016 ppb
3) L1 1016(2)	6.70	451195971	0.939 ppb
4) L1 1016(3)	8.11	885410516	0.895 ppb
5) L1 1016(4)	8.78	308856628	1.047 ppb
6) L1 1016(5)	10.94	327257392	0.985 ppb
Sum 1016(1)		2163.6E6	4.881 ppb
Average 1016(1)			0.976 ppb
7) L2 1260(6)	0.00	0	N.D. ppb
8) L2 1260(7)	0.00	0	N.D. ppb
9) L2 1260(8)	0.00	0	N.D. ppb
10) L2 1260(9)	0.00	0	N.D. ppb
11) L2 1260(10)	0.00	0	N.D. ppb
Sum 1260(6)		0	N.D. ppb
Average 1260(6)			0.000 ppb

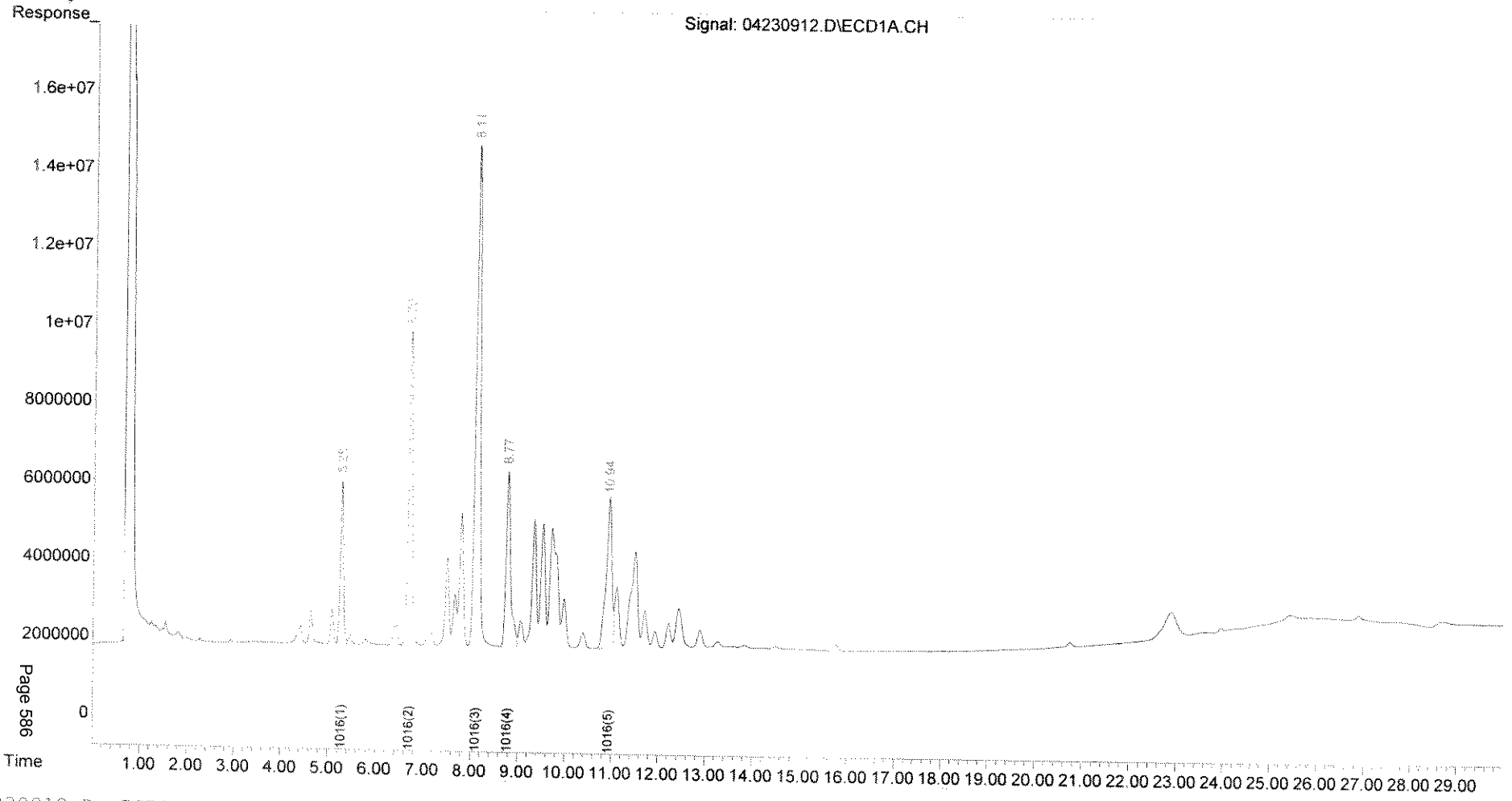
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230912.D Vial: 12
Acq On : 23 Apr 2009 4:06 pm Operator: K.B.
Sample : 1016 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 16:36 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230913.D Vial: 13
Acq On : 23 Apr 2009 4:39 pm Operator: K.B.
Sample : 1260 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 17:09:51 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	0.00	0	N.D. ppb
3) L1 1016(2)	6.70	8937038	N.D. ppb
4) L1 1016(3)	8.11	14572832	0.009 ppb
5) L1 1016(4)	0.00	0	N.D. ppb
6) L1 1016(5)	0.00	0	N.D. ppb
Sum 1016(1)		14572832	0.007 ppb
Average 1016(1)			0.007 ppb
7) L2 1260(6)	16.80	553735715	0.968 ppb
8) L2 1260(7)	17.35	663280551	0.941 ppb
9) L2 1260(8)	21.17	562255503	1.079 ppb
10) L2 1260(9)	21.76	1280509895	1.057 ppb
11) L2 1260(10)	23.33	599855862	1.060 ppb
Sum 1260(6)		3659.6E6	5.105 ppb
Average 1260(6)			1.021 ppb

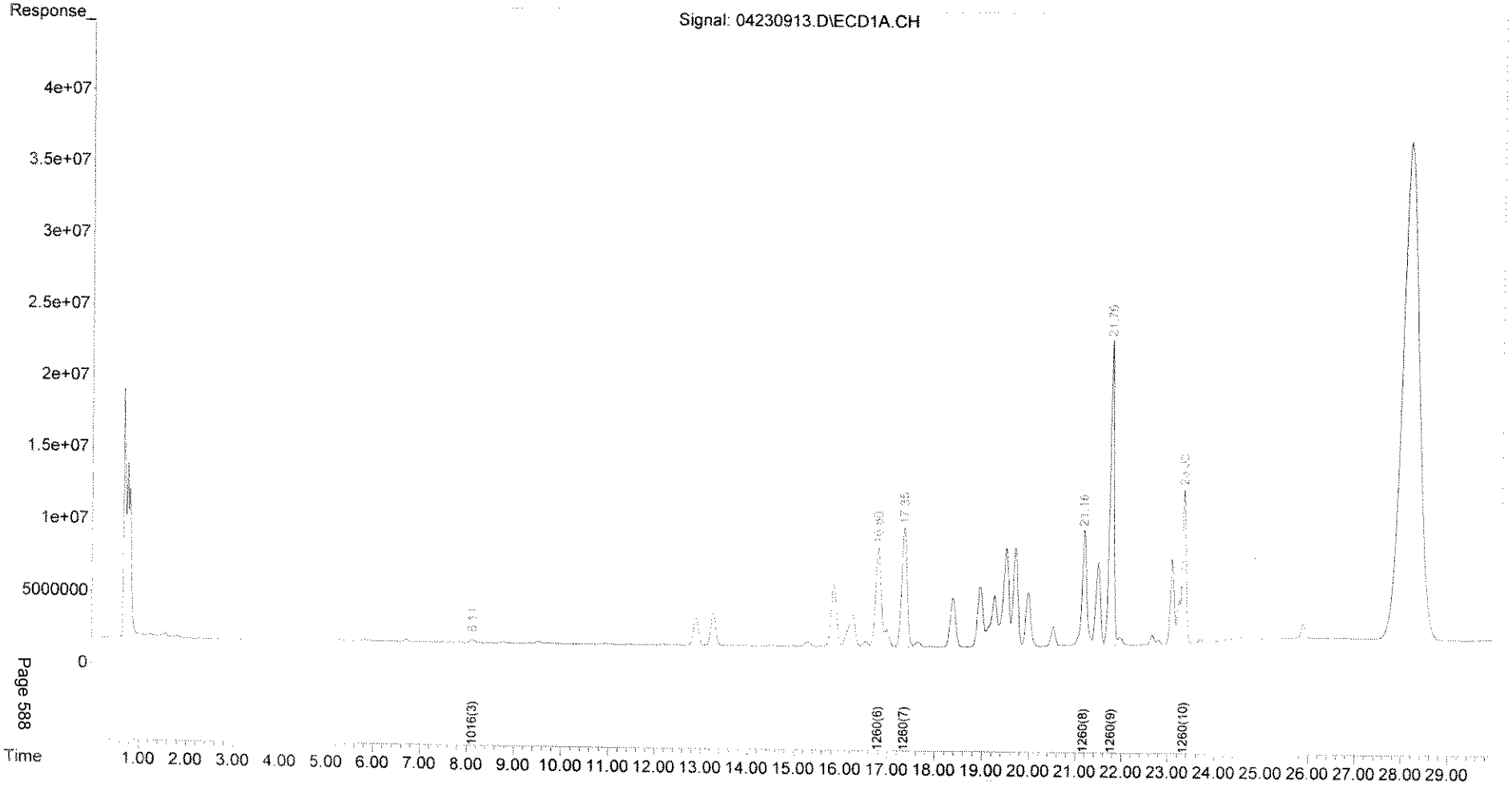
(f)=RT Delta > 1/2 Window (m)=manual int.
04230913.D PCBSF.M Thu Apr 23 17:09:51 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230913.D Vial: 13
Acq On : 23 Apr 2009 4:39 pm Operator: K.B.
Sample : 1260 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 17:09 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230914.D Vial: 14
Acq On : 23 Apr 2009 5:20 pm Operator: K.B.
Sample : 1221 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 17:50:02 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	0.00	0	N.D.	
Target Compounds				
2) L1 1016(1)	5.29	56086660	0.277	ppb
3) L1 1016(2)	6.68	15630275	0.012	ppb
4) L1 1016(3)	8.12	10864278	0.005	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	0.00	0	N.D.	ppb
Sum 1016(1)		82581213	0.294	ppb
Average 1016(1)			0.098	ppb
7) L2 1260(6)	0.00	0	N.D.	ppb
8) L2 1260(7)	0.00	0	N.D.	ppb
9) L2 1260(8)	0.00	0	N.D.	ppb
10) L2 1260(9)	0.00	0	N.D.	ppb
11) L2 1260(10)	0.00	0	N.D.	ppb
Sum 1260(6)		0	N.D.	ppb
Average 1260(6)			0.000	ppb

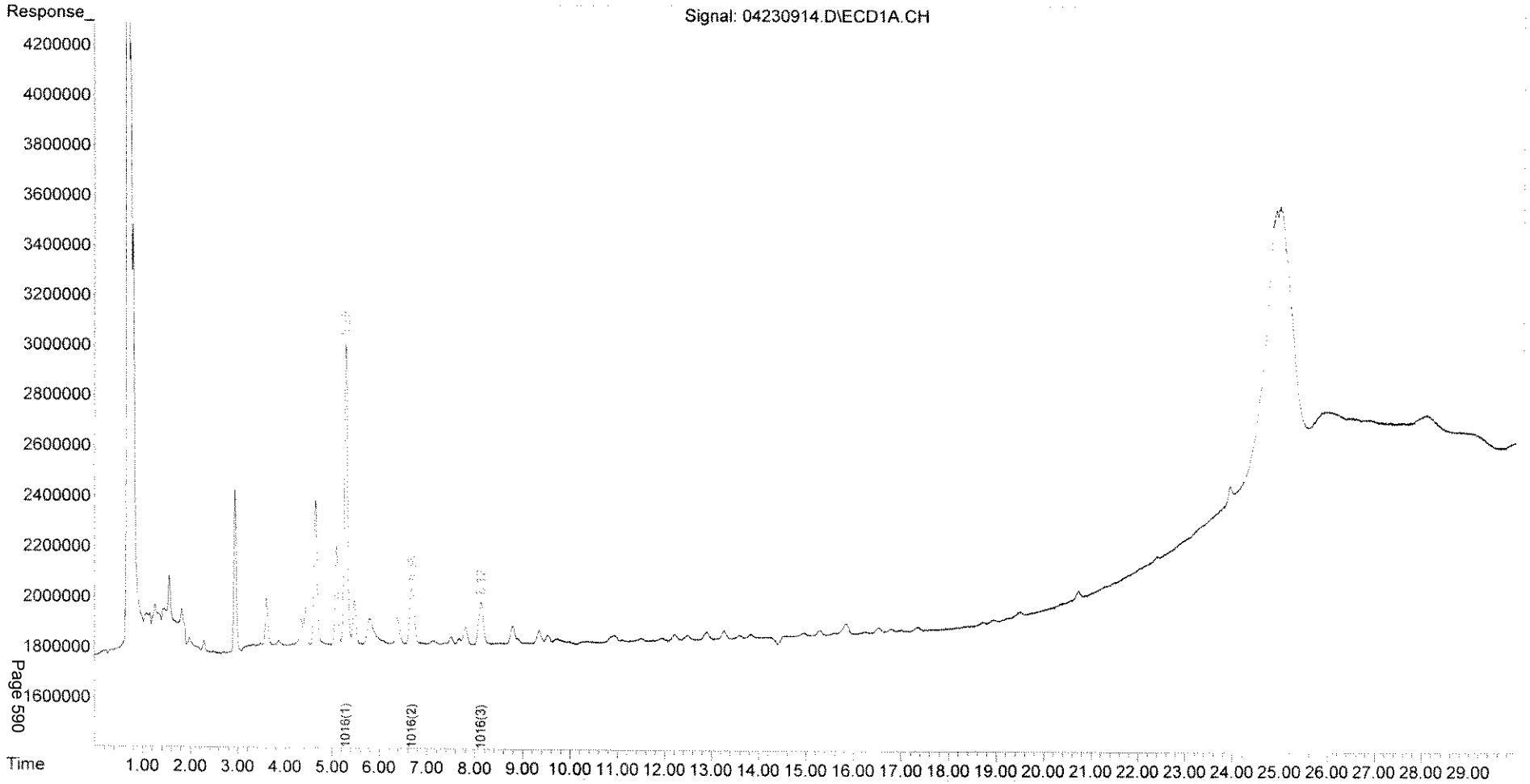
(f)=RT Delta > 1/2 Window (m)=manual int.
04230914.D PCBSF.M Thu Apr 23 17:50:02 2009

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230914.D Vial: 14
Acq On : 23 Apr 2009 5:20 pm Operator: K.B.
Sample : 1221 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 17:50 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230915.D Vial: 15
Acq On : 23 Apr 2009 5:53 pm Operator: K.B.
Sample : 1248 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 18:23:15 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	0.00	0	N.D.	
Target Compounds				
2) L1 1016(1)	0.00	0	N.D.	ppb
3) L1 1016(2)	6.71	40476928	0.065	ppb
4) L1 1016(3)	8.11	98029494	0.094	ppb
5) L1 1016(4)	8.79	23909638	0.061	ppb
6) L1 1016(5)	10.95	92930498	0.262	ppb
Sum 1016(1)		255.3E6	0.481	ppb
Average 1016(1)			0.120	ppb
7) L2 1260(6)	0.00	0	N.D.	ppb
8) L2 1260(7)	0.00	0	N.D.	ppb
9) L2 1260(8)	0.00	0	N.D.	ppb
10) L2 1260(9)	0.00	0	N.D.	ppb
11) L2 1260(10)	0.00	0	N.D.	ppb
Sum 1260(6)		0	N.D.	ppb
Average 1260(6)			0.000	ppb

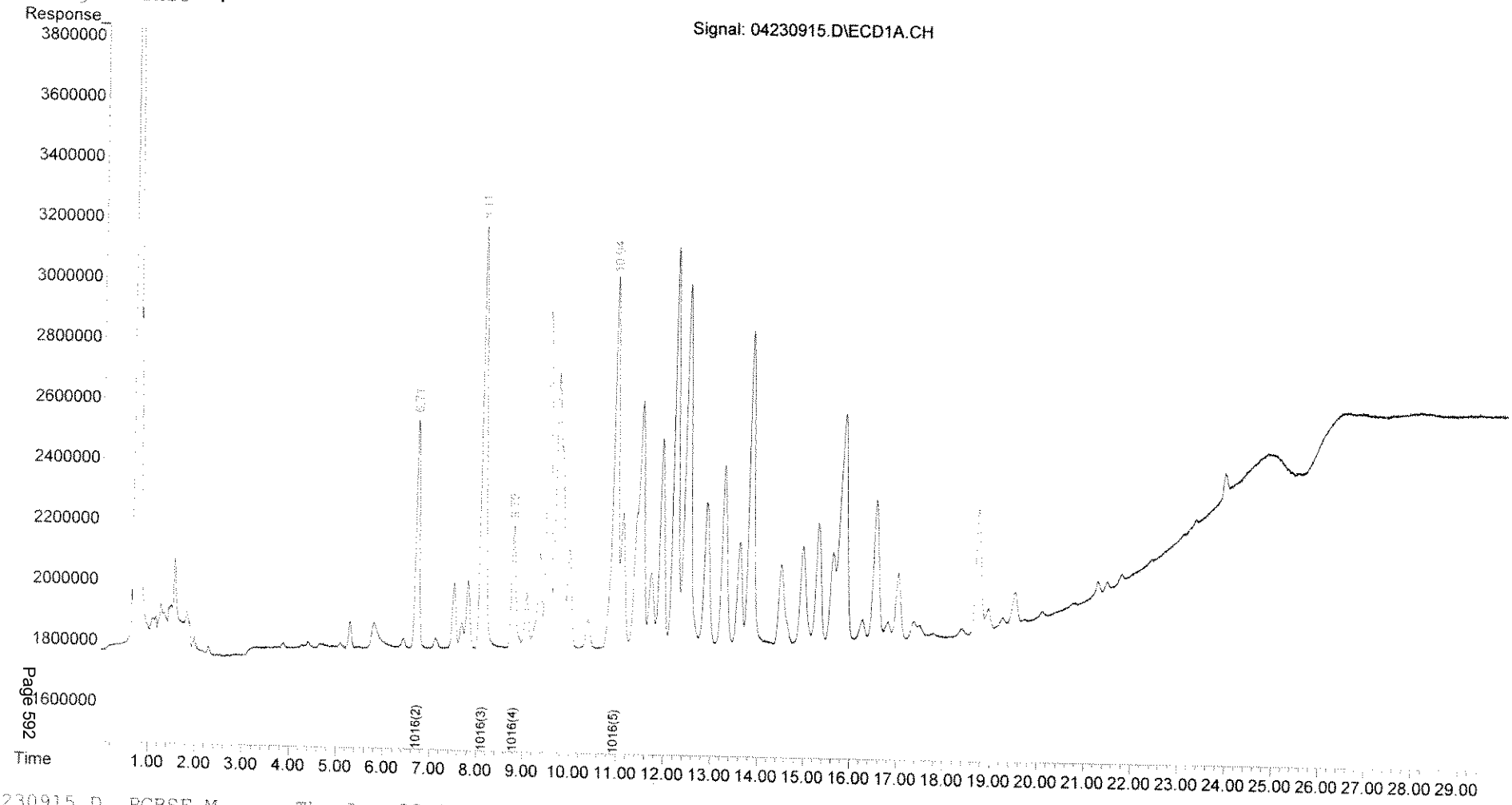
(f)=RT Delta > 1/2 Window (m)=manual int.
04230915.D PCBSF.M Thu Apr 23 18:23:16 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230915.D
Acq On : 23 Apr 2009 5:53 pm
Sample : 1248 1.0
Misc :
IntFile : EVENTS3.E
Vial: 15
Operator: K.B.
Inst : gc7
Multiplr: 1.00
Quant Time: Apr 23 18:23 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230916.D Vial: 16
Acq On : 23 Apr 2009 6:26 pm Operator: K.B.
Sample : 1446.01 6% x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 18:56:18 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.88f	2142320222	43.681
Target Compounds			
2) L1 1016(1)	5.27	31477412	0.142 ppb
3) L1 1016(2)	6.70	51786047	0.089 ppb
4) L1 1016(3)	8.05	39490199	0.034 ppb
5) L1 1016(4)	0.00	0	N.D. ppb
6) L1 1016(5)	10.94	43006528	0.108 ppb
Sum 1016(1)		165.8E6	0.373 ppb
Average 1016(1)			0.093 ppb
7) L2 1260(6)	0.00	0	N.D. ppb
8) L2 1260(7)	17.40	11009169	0.006 ppb
9) L2 1260(8)	21.05f	99106520	0.189 ppb
10) L2 1260(9)	21.75	82749545	0.080 ppb
11) L2 1260(10)	23.24	61265628	0.121 ppb
Sum 1260(6)		254.1E6	0.396 ppb
Average 1260(6)			0.099 ppb

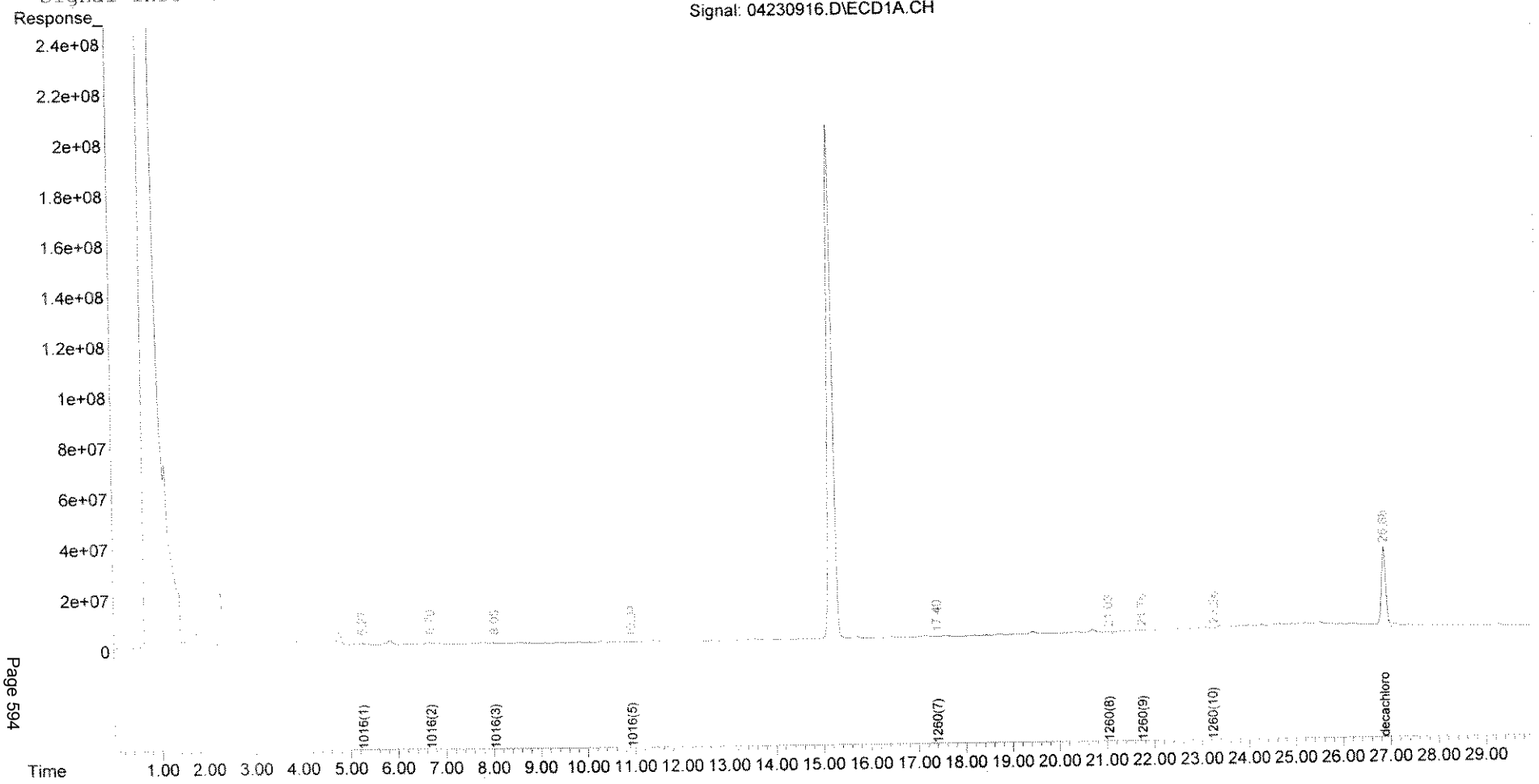
(f)=RT Delta > 1/2 Window (m)=manual int.
04230916.D PCBSF.M Thu Apr 23 18:56:18 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230916.D Vial: 16
Acq On : 23 Apr 2009 6:26 pm Operator: K.B.
Sample : 1446.01 6% x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 18:56 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230917.D Vial: 17
Acq On : 23 Apr 2009 6:59 pm Operator: K.B.
Sample : 1446.03 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 19:29:32 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87f	3689618421	75.229
Target Compounds			
2) L1 1016(1)	5.26	26175014	0.113 ppb
3) L1 1016(2)	6.74	285360012	0.586 ppb
4) L1 1016(3)	8.16	153366741	0.150 ppb
5) L1 1016(4)	8.80	77993592	0.248 ppb
6) L1 1016(5)	11.02	8937038	0.003 ppb
Sum 1016(1)		551.8E6	1.100 ppb
Average 1016(1)			0.220 ppb
7) L2 1260(6)	16.83	10983335	N.D. ppb
8) L2 1260(7)	17.27	26651719	0.029 ppb
9) L2 1260(8)	21.13	77228535	0.147 ppb
10) L2 1260(9)	21.69	106074866	0.099 ppb
11) L2 1260(10)	23.23	294311835	0.527 ppb
Sum 1260(6)		504.3E6	0.790 ppb
Average 1260(6)			0.197 ppb

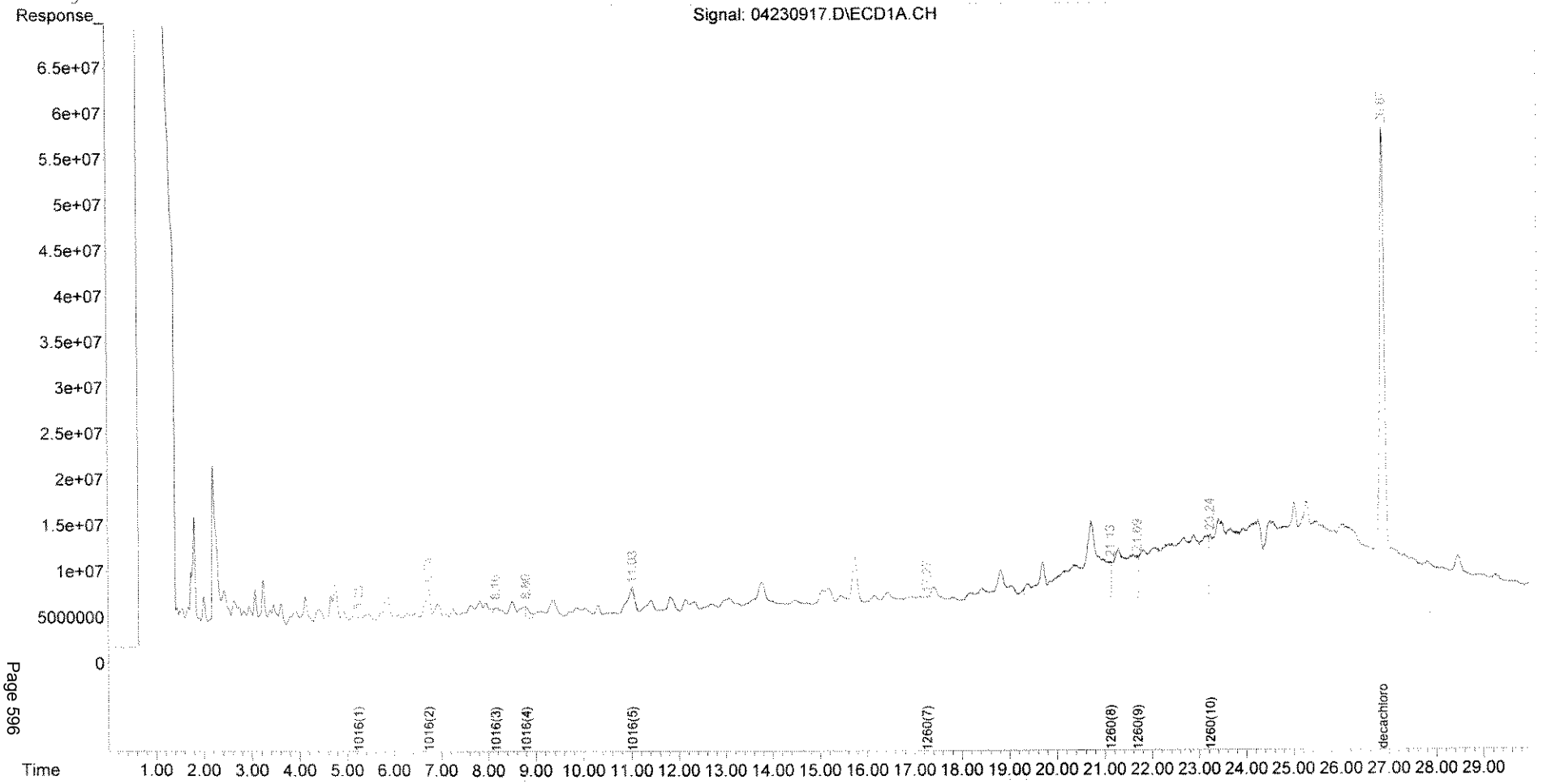
(f)=RT Delta > 1/2 Window (m)=manual int.
04230917.D PCBSF.M Thu Apr 23 19:29:32 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230917.D Vial: 17
Acq On : 23 Apr 2009 6:59 pm Operator: K.B.
Sample : 1446.03 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 19:29 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230918.D Vial: 18
Acq On : 23 Apr 2009 7:32 pm Operator: K.B.
Sample : 1446.05 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 20:02:36 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87f	3202147081	65.290
Target Compounds			
2) L1 1016(1)	5.24	8528581	0.016 ppb
3) L1 1016(2)	6.75	322189127	0.664 ppb
4) L1 1016(3)	8.21	40597843	0.036 ppb
5) L1 1016(4)	8.84	61001145	0.189 ppb
6) L1 1016(5)	11.02	206998083	0.614 ppb
Sum 1016(1)		639.3E6	1.519 ppb
Average 1016(1)			0.304 ppb
7) L2 1260(6)	16.81	2485174	N.D. ppb
8) L2 1260(7)	17.40	32617317	0.037 ppb
9) L2 1260(8)	21.11	92955957	0.178 ppb
10) L2 1260(9)	21.78	464652318	0.391 ppb
11) L2 1260(10)	23.20f	647840718	1.144 ppb
Sum 1260(6)		1238.1E6	1.722 ppb
Average 1260(6)			0.431 ppb

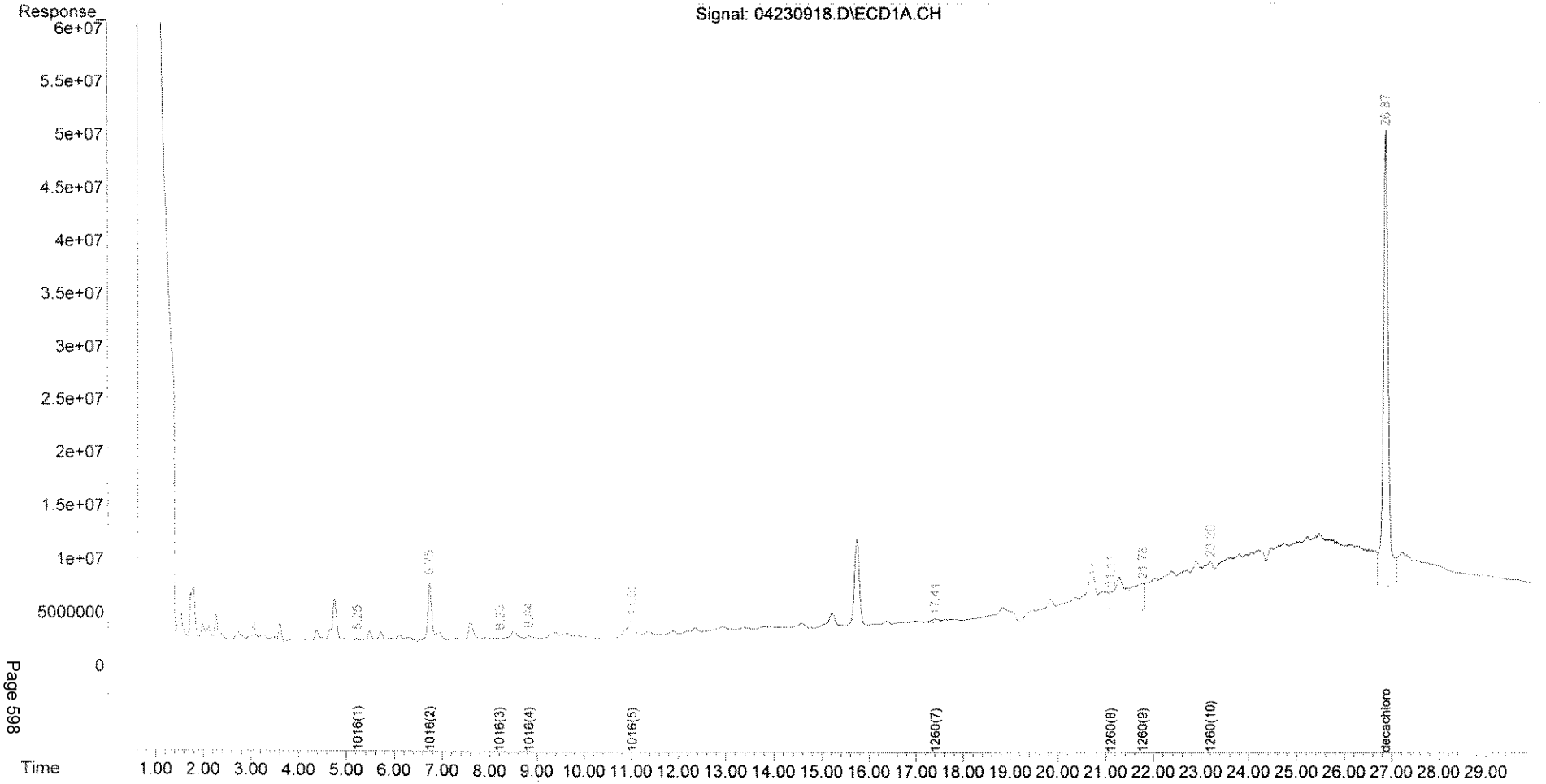
(f)=RT Delta > 1/2 Window (m)=manual int.
04230918.D PCBSF.M Thu Apr 23 20:02:37 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230918.D Vial: 18
Acq On : 23 Apr 2009 7:32 pm Operator: K.B.
Sample : 1446.05 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 20:02 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230919.D Vial: 19
Acq On : 23 Apr 2009 8:05 pm Operator: K.B.
Sample : 1475.01 6% x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 20:35:48 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.87f	3429048074	69.916	
Target Compounds				
2) L1 1016(1)	5.24	29580811	0.132	ppb
3) L1 1016(2)	6.61f	2906163	N.D.	ppb
4) L1 1016(3)	8.17	18410825	0.013	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	11.13f	16078508	0.025	ppb
Sum 1016(1)		64070144	0.154	ppb
Average 1016(1)			0.051	ppb
7) L2 1260(6)	16.93f	13606867	N.D.	ppb
8) L2 1260(7)	17.19f	2368221	N.D.	ppb
9) L2 1260(8)	21.05f	27584711	0.052	ppb
10) L2 1260(9)	0.00	0	N.D.	ppb
11) L2 1260(10)	23.34	214960444	0.389	ppb
Sum 1260(6)		242.5E6	0.427	ppb
Average 1260(6)			0.214	ppb

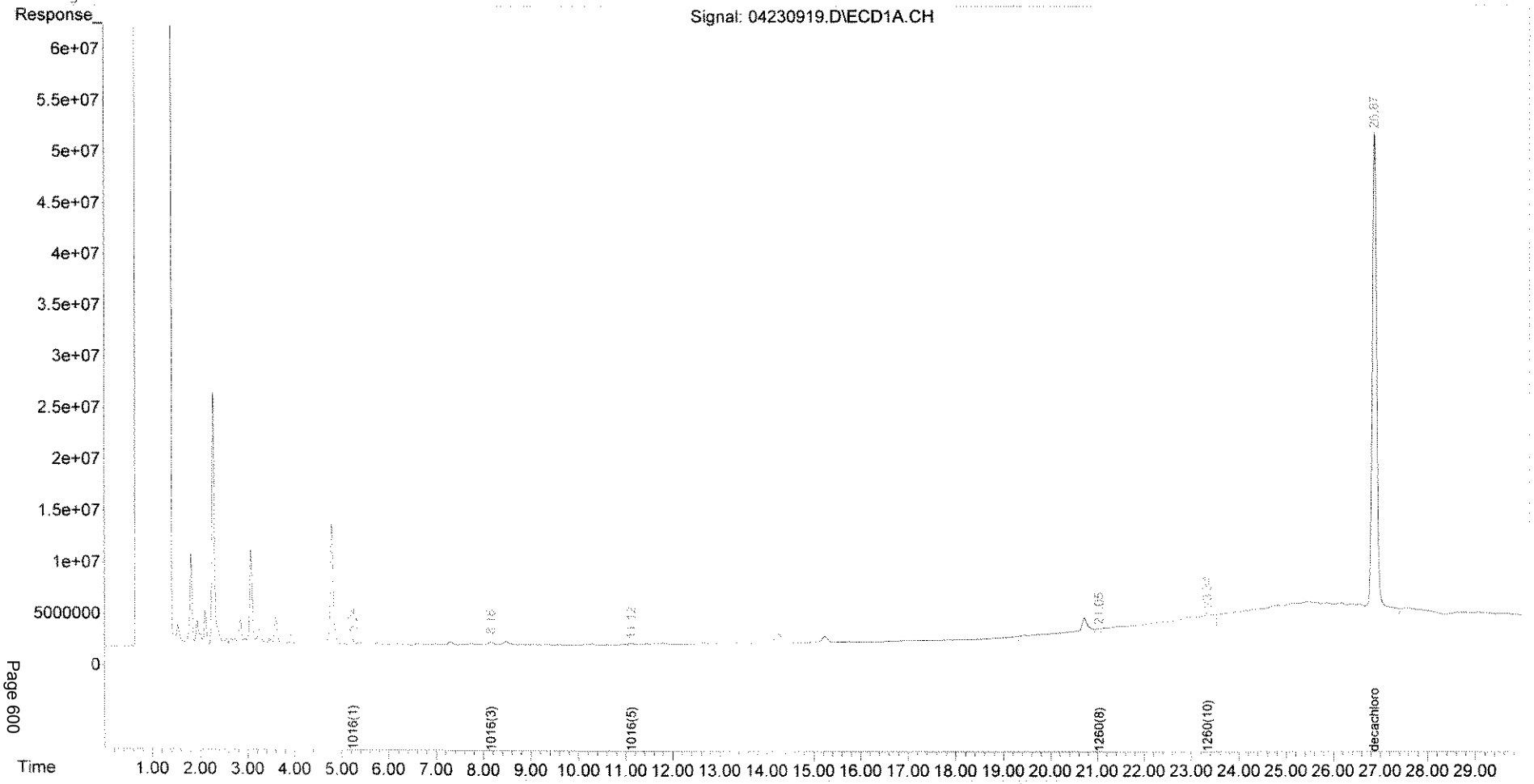
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230919.D Vial: 19
Acq On : 23 Apr 2009 8:05 pm Operator: K.B.
Sample : 1475.01 6% x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 20:35 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230920.D Vial: 20
Acq On : 23 Apr 2009 8:39 pm Operator: K.B.
Sample : 1475.03 6% x0.05, MS Inst : gc7
Misc : 0.2 ppb 1260 Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 21:08:59 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87f	3826418634	78.018
Target Compounds			
2) L1 1016(1)	5.25	18764711	0.073 ppb
3) L1 1016(2)	6.70	11223196	0.002 ppb
4) L1 1016(3)	8.16	31638371	0.026 ppb
5) L1 1016(4)	0.00	0	N.D. ppb
6) L1 1016(5)	11.13f	12101947	0.013 ppb
Sum 1016(1)		73728225	0.114 ppb
Average 1016(1)			0.029 ppb
7) L2 1260(6)	16.79	368355481	0.633 ppb
8) L2 1260(7)	17.34	434279648	0.613 ppb
9) L2 1260(8)	21.17	319095342	0.612 ppb
10) L2 1260(9)	21.76	671745608	0.560 ppb
11) L2 1260(10)	23.33	451960233	0.802 ppb
Sum 1260(6)		2245.4E6	3.221 ppb
Average 1260(6)			0.644 ppb

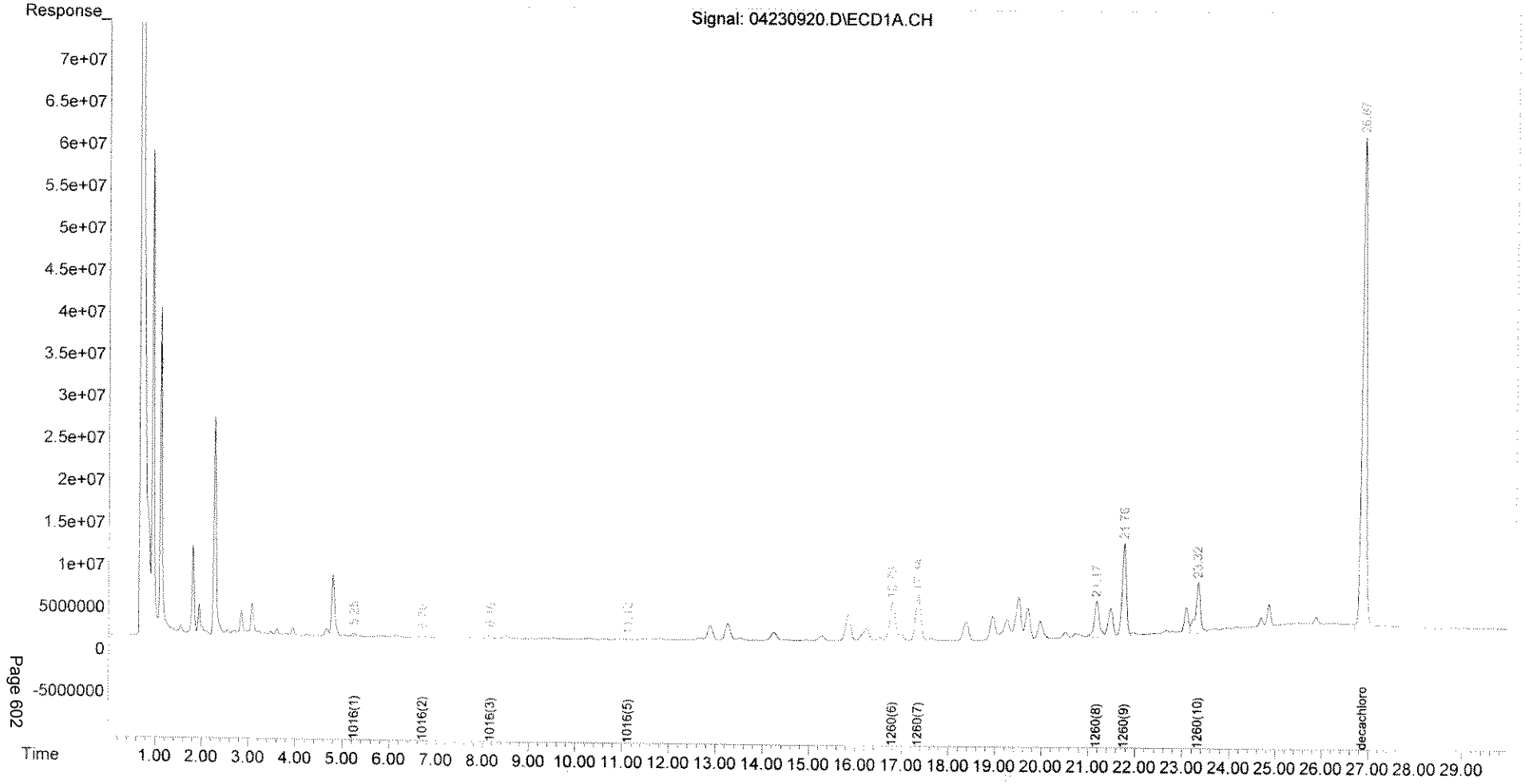
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230920.D Vial: 20
Acq On : 23 Apr 2009 8:39 pm Operator: K.B.
Sample : 1475.03 6% x0.05, MS Inst : gc7
Misc : 0.2 ppb 1260 Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 21:09 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230921.D Vial: 21
Acq On : 23 Apr 2009 9:12 pm Operator: K.B.
Sample : 1475.05 6% x0.05, MSD Inst : gc7
Misc : 0.2 ppb 1260 Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 21:42:13 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87f	3382332102	68.964
Target Compounds			
2) L1 1016(1)	5.25	16279136	0.059 ppb
3) L1 1016(2)	6.70	10634098	0.001 ppb
4) L1 1016(3)	8.16	21294696	0.016 ppb
5) L1 1016(4)	0.00	0	N.D. ppb
6) L1 1016(5)	0.00	0	N.D. ppb
Sum 1016(1)		48207930	0.076 ppb
Average 1016(1)			0.025 ppb
7) L2 1260(6)	16.79	299841442	0.510 ppb
8) L2 1260(7)	17.34	352409717	0.496 ppb
9) L2 1260(8)	21.17	265738910	0.510 ppb
10) L2 1260(9)	21.76	532254108	0.446 ppb
11) L2 1260(10)	23.33	363521647	0.648 ppb
Sum 1260(6)		1813.8E6	2.609 ppb
Average 1260(6)			0.522 ppb

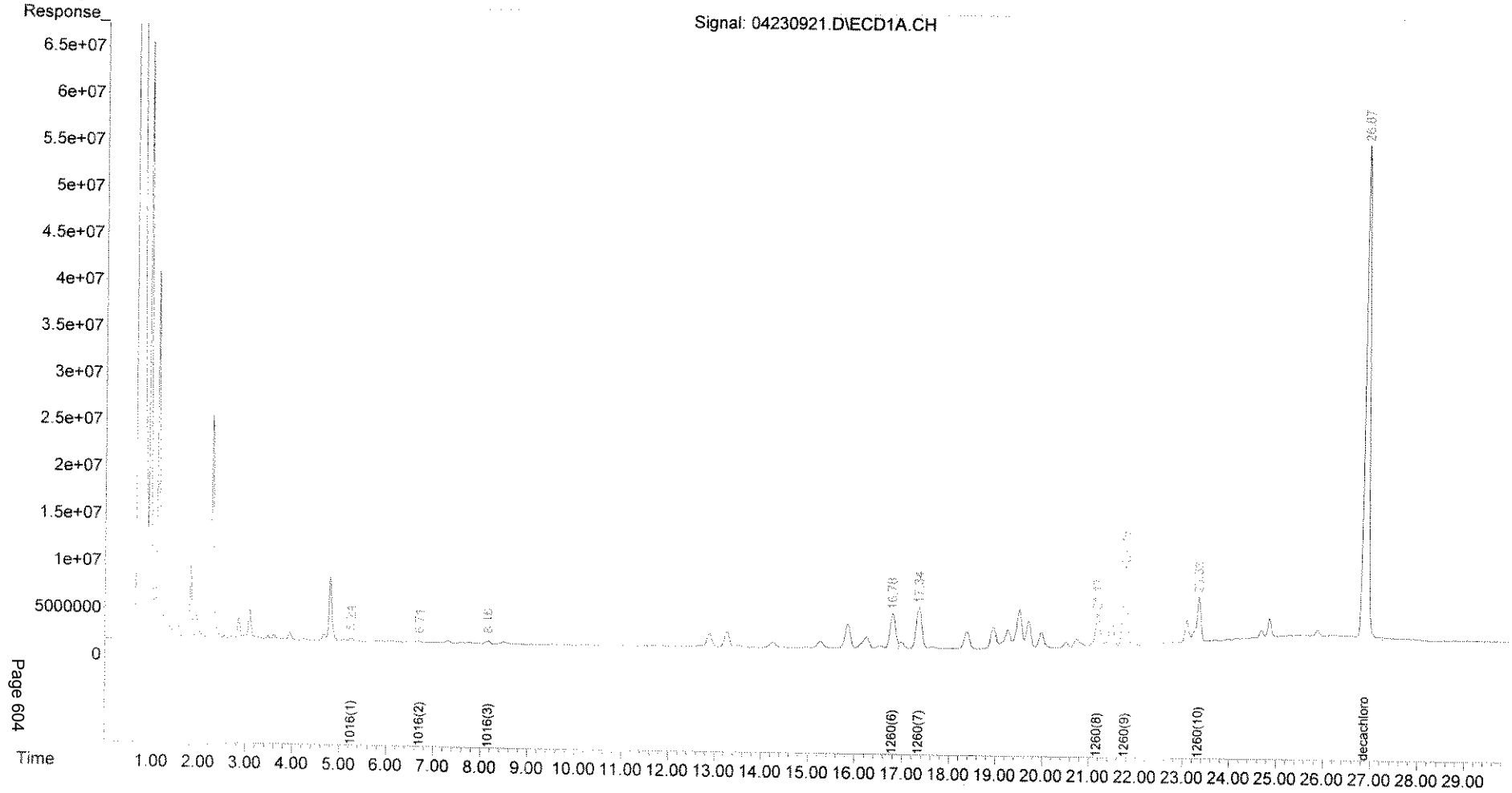
(f)=RT Delta > 1/2 Window (m)=manual int.
04230921.D PCBSF.M Thu Apr 23 21:42:14 2009

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230921.D Vial: 21
Acq On : 23 Apr 2009 9:12 pm Operator: K.B.
Sample : 1475.05 6% x0.05, MSD Inst : gc7
Misc : 0.2 ppb 1260 Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 21:42 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230922.D Vial: 22
Acq On : 23 Apr 2009 9:45 pm Operator: K.B.
Sample : 1475.07 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 22:15:21 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87	3608874724	73.583
Target Compounds			
2) L1 1016(1)	5.39	111020665	0.579 ppb
3) L1 1016(2)	6.75	545191363	1.139 ppb
4) L1 1016(3)	8.22	163318971	0.160 ppb
5) L1 1016(4)	8.84	124278658	0.408 ppb
6) L1 1016(5)	11.02	310261520	0.932 ppb
Sum 1016(1)		1254.1E6	3.218 ppb
Average 1016(1)			0.644 ppb
7) L2 1260(6)	16.91f	78724348	0.110 ppb
8) L2 1260(7)	17.27	33409031	0.038 ppb
9) L2 1260(8)	21.28f	220148127	0.422 ppb
10) L2 1260(9)	21.62f	120835225	0.111 ppb
11) L2 1260(10)	23.24	84266880	0.161 ppb
Sum 1260(6)		537.4E6	0.842 ppb
Average 1260(6)			0.168 ppb

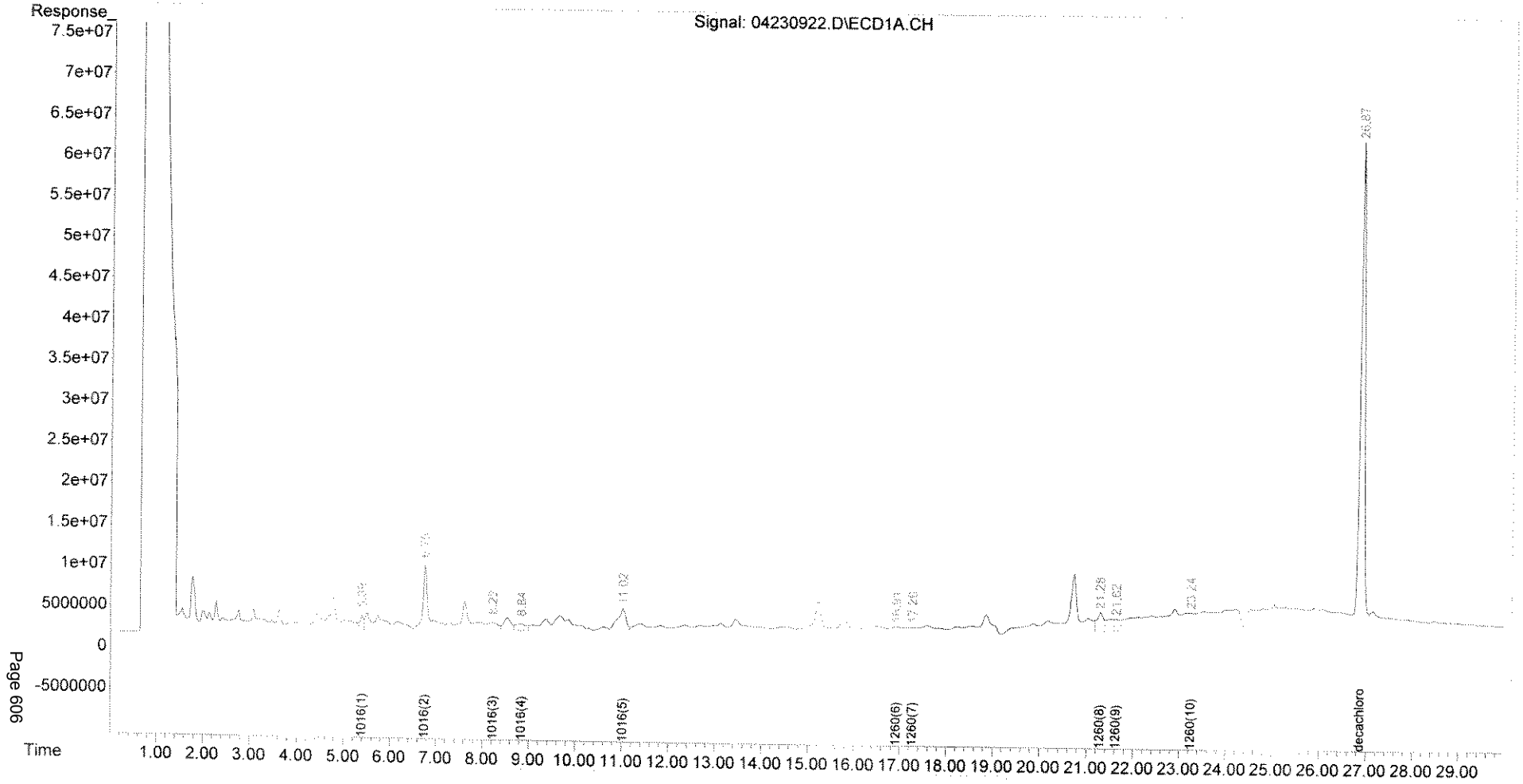
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230922.D Vial: 22
Acq On : 23 Apr 2009 9:45 pm Operator: K.B.
Sample : 1475.07 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 22:15 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230923.D Vial: 23
Acq On : 23 Apr 2009 10:18 pm Operator: K.B.
Sample : 1475.09 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 22:48:46 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

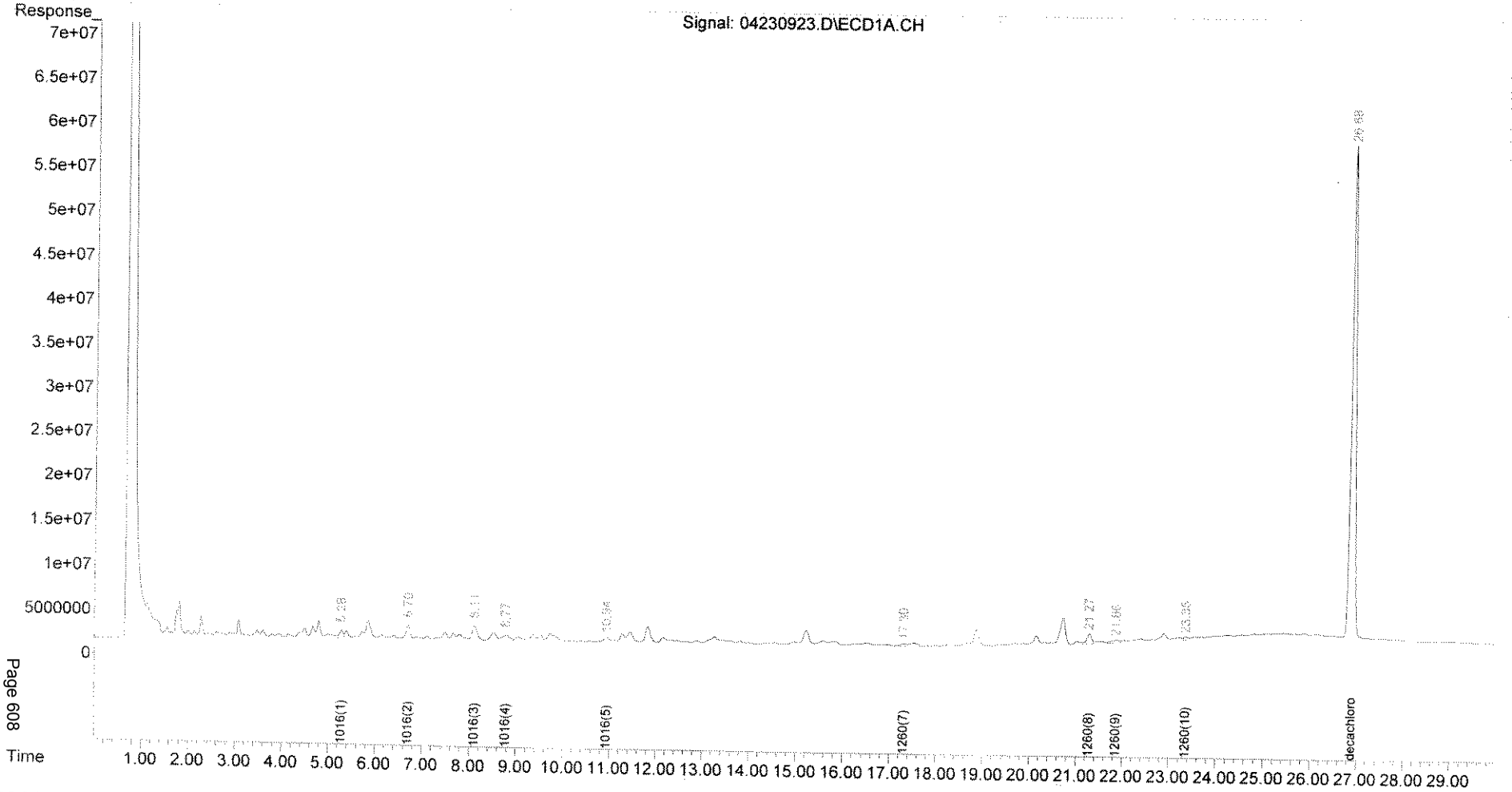
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87f	3456125608	70.468
Target Compounds			
2) L1 1016(1)	5.28	42334814	0.202 ppb
3) L1 1016(2)	6.70	95125377	0.181 ppb
4) L1 1016(3)	8.11	129022459	0.126 ppb
5) L1 1016(4)	8.78	77330931	0.245 ppb
6) L1 1016(5)	10.94	52991306	0.139 ppb
Sum 1016(1)		396.8E6	0.892 ppb
Average 1016(1)			0.178 ppb
7) L2 1260(6)	0.00	0	N.D. ppb
8) L2 1260(7)	17.30	25956012	0.028 ppb
9) L2 1260(8)	21.28f	81323193	0.155 ppb
10) L2 1260(9)	21.86f	36238418	0.042 ppb
11) L2 1260(10)	23.35	22290535	0.053 ppb
Sum 1260(6)		165.8E6	0.277 ppb
Average 1260(6)			0.069 ppb

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230923.D Vial: 23
Acq On : 23 Apr 2009 10:18 pm Operator: K.B.
Sample : 1475.09 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 22:48 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230924.D Vial: 24
Acq On : 23 Apr 2009 10:51 pm Operator: K.B.
Sample : 1221 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 23:21:54 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.28	280229034	1.507 ppb
3) L1 1016(2)	6.66	82579615	0.154 ppb
4) L1 1016(3)	8.12	59829660	0.055 ppb
5) L1 1016(4)	8.78	27394585	0.073 ppb
6) L1 1016(5)	10.92	12760606	0.015 ppb
Sum 1016(1)		462.8E6	1.803 ppb
Average 1016(1)			0.361 ppb
7) L2 1260(6)	0.00	0	N.D. ppb
8) L2 1260(7)	0.00	0	N.D. ppb
9) L2 1260(8)	0.00	0	N.D. ppb
10) L2 1260(9)	0.00	0	N.D. ppb
11) L2 1260(10)	0.00	0	N.D. ppb
Sum 1260(6)		0	N.D. ppb
Average 1260(6)			0.000 ppb

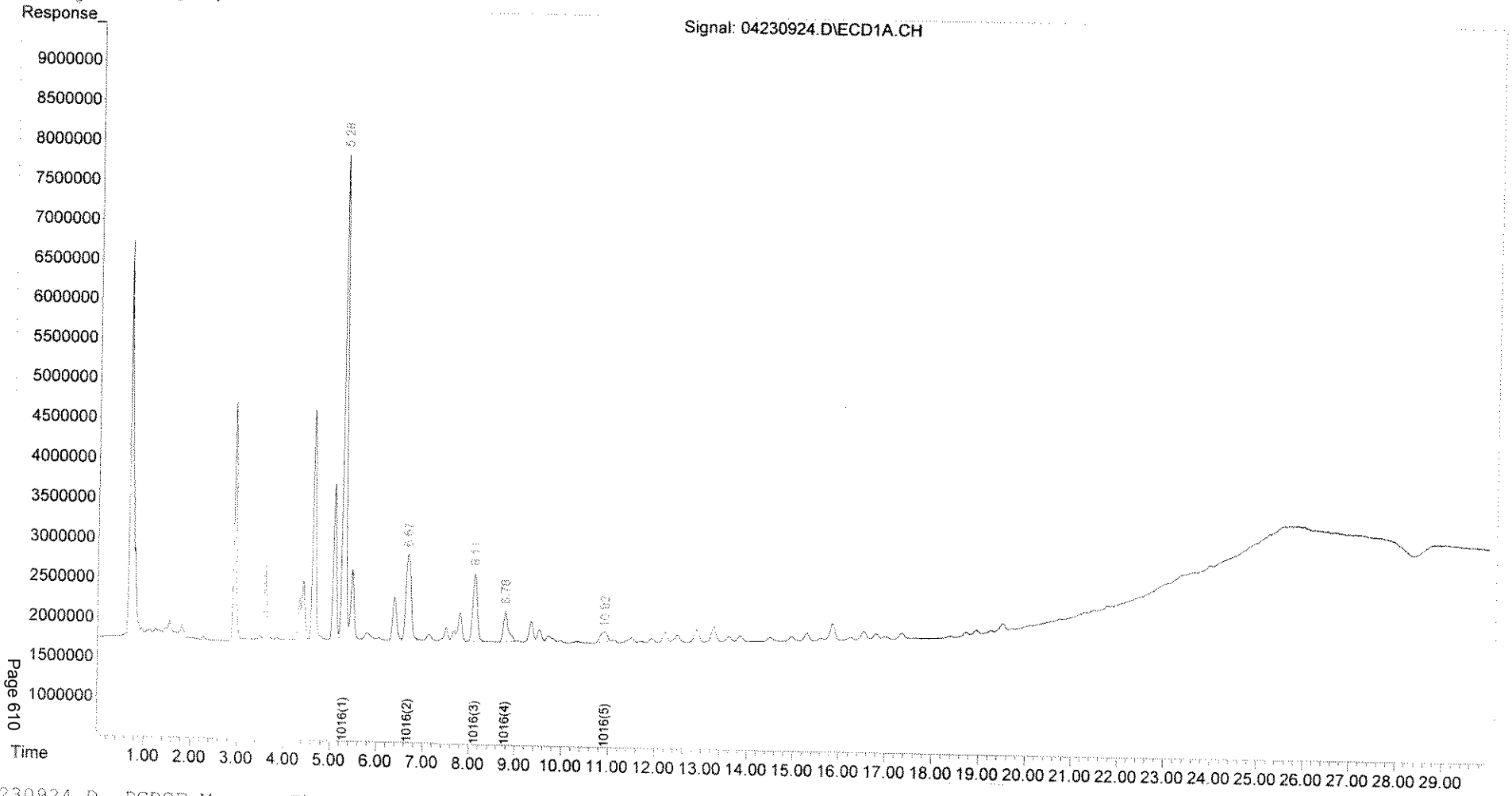
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230924.D Vial: 24
Acq On : 23 Apr 2009 10:51 pm Operator: K.B.
Sample : 1221 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 23:21 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230925.D Vial: 25
Acq On : 23 Apr 2009 11:25 pm Operator: K.B.
Sample : 1016/1260 3.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 23:55:09 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.28	120399319	0.630 ppb
3) L1 1016(2)	6.70	296033192	0.608 ppb
4) L1 1016(3)	8.11	570126212	0.574 ppb
5) L1 1016(4)	8.77	202783192	0.680 ppb
6) L1 1016(5)	10.94	205792503	0.610 ppb
Sum 1016(1)		1395.1E6	3.102 ppb
Average 1016(1)			0.620 ppb
7) L2 1260(6)	16.79	345700685	0.592 ppb
8) L2 1260(7)	17.34	407568014	0.575 ppb
9) L2 1260(8)	21.16	300971089	0.577 ppb
10) L2 1260(9)	21.75	662273153	0.552 ppb
11) L2 1260(10)	23.32	390954289	0.696 ppb
Sum 1260(6)		2107.5E6	2.992 ppb
Average 1260(6)			0.598 ppb

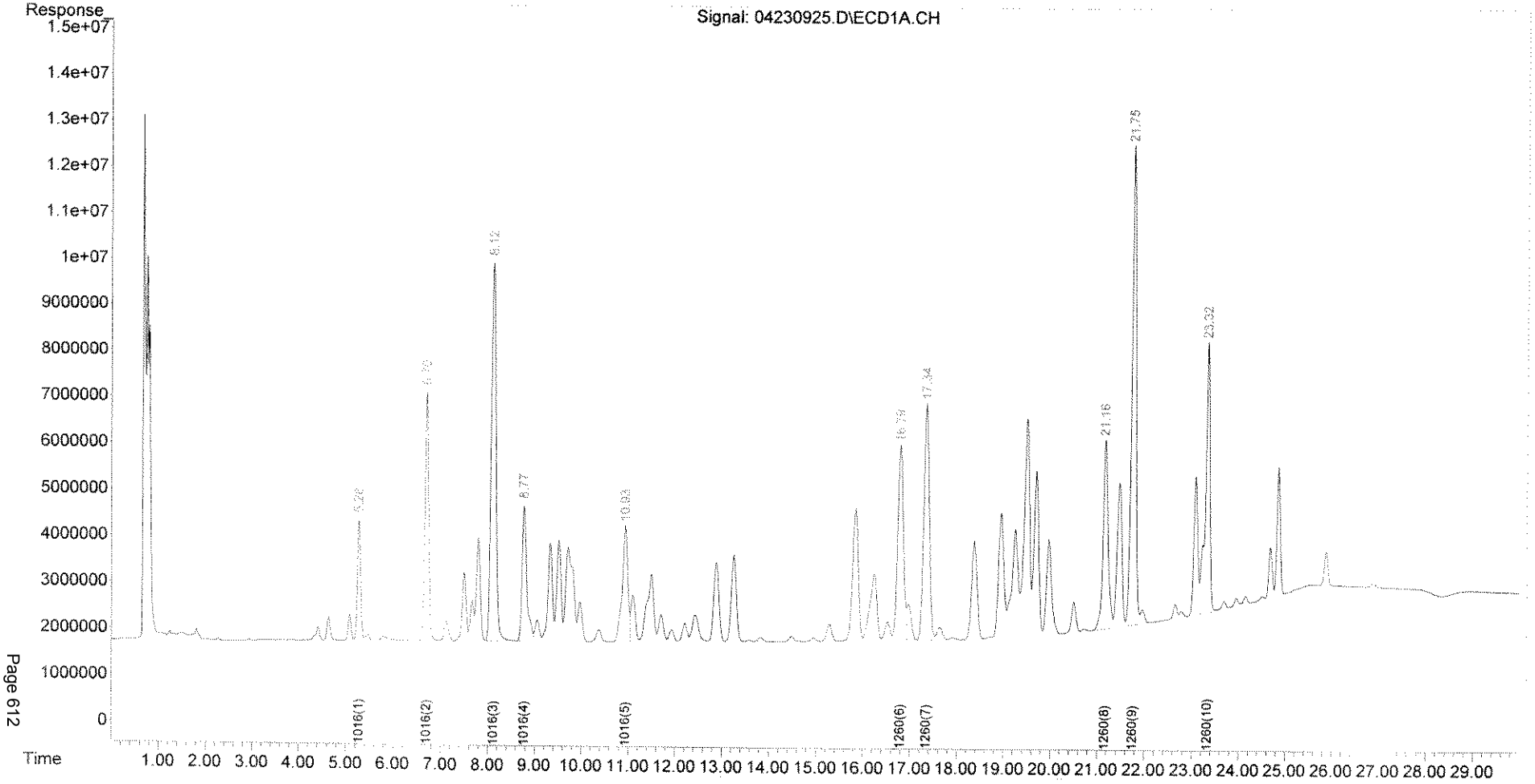
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230925.D Vial: 25
Acq On : 23 Apr 2009 11:25 pm Operator: K.B.
Sample : 1016/1260 3.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 23 23:55 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230926.D Vial: 26
Acq On : 23 Apr 2009 11:58 pm Operator: K.B.
Sample : 1254 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 00:28:16 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

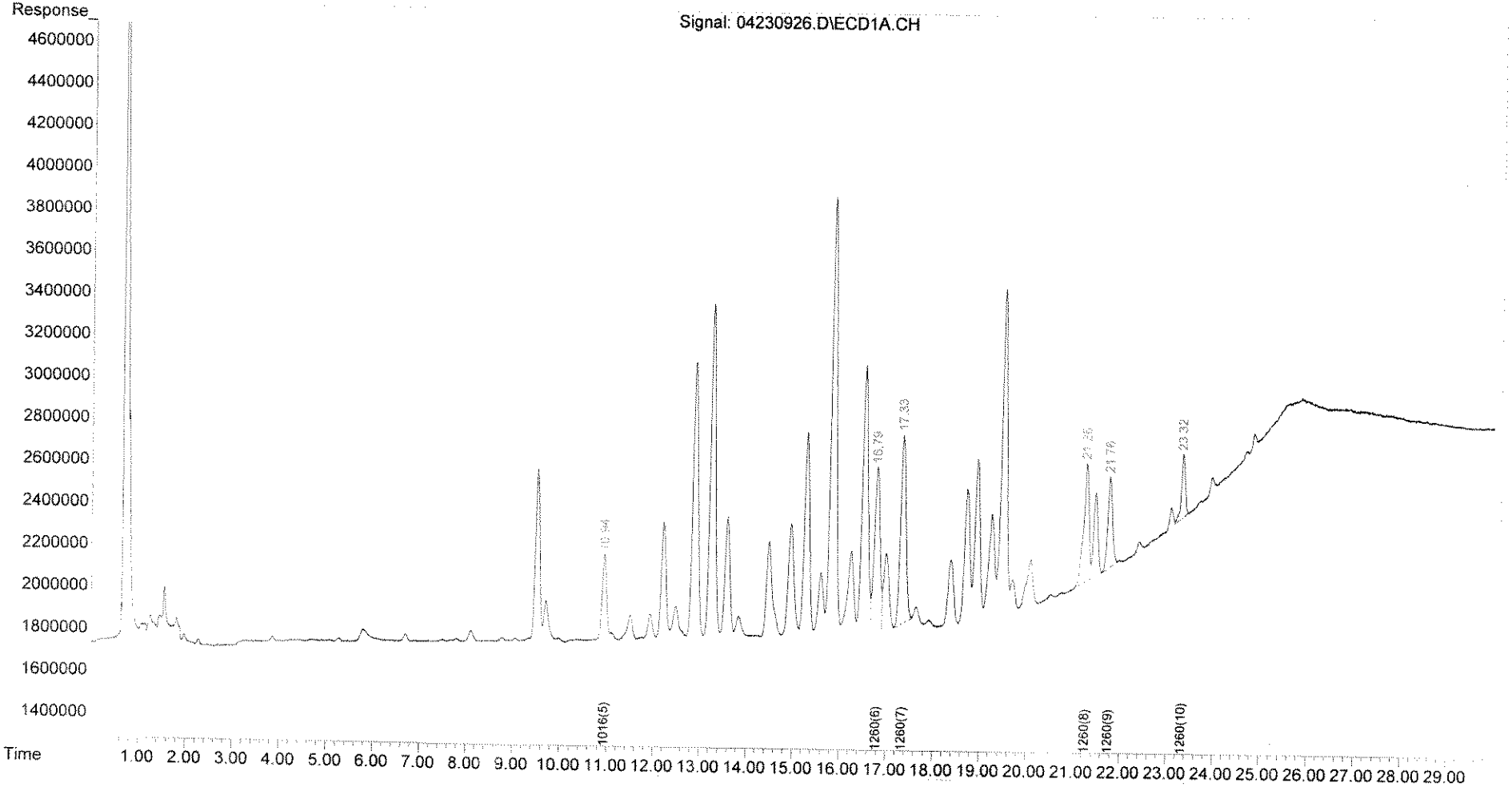
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	0.00	0	N.D. ppb
3) L1 1016(2)	0.00	0	N.D. ppb
4) L1 1016(3)	0.00	0	N.D. ppb
5) L1 1016(4)	0.00	0	N.D. ppb
6) L1 1016(5)	10.94	25347810	0.054 ppb
Sum 1016(1)		25347810	0.054 ppb
Average 1016(1)			0.054 ppb
7) L2 1260(6)	16.79	64330026	0.084 ppb
8) L2 1260(7)	17.34	72547900	0.094 ppb
9) L2 1260(8)	21.26	43659348	0.083 ppb
10) L2 1260(9)	21.76	30194968	0.037 ppb
11) L2 1260(10)	23.33	17546566	0.044 ppb
Sum 1260(6)		228.3E6	0.343 ppb
Average 1260(6)			0.069 ppb

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230926.D Vial: 26
Acq On : 23 Apr 2009 11:58 pm Operator: K.B.
Sample : 1254 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 0:28 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230927.D Vial: 27
Acq On : 24 Apr 2009 12:31 am Operator: K.B.
Sample : 1475.11 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 01:01:32 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87f	4406070461	89.837
Target Compounds			
2) L1 1016(1)	5.27	43533270	0.208 ppb
3) L1 1016(2)	6.70	91999660	0.174 ppb
4) L1 1016(3)	8.11	122940350	0.119 ppb
5) L1 1016(4)	8.79	61148175	0.189 ppb
6) L1 1016(5)	10.94	57538450	0.153 ppb
Sum 1016(1)		377.2E6	0.844 ppb
Average 1016(1)			0.169 ppb
7) L2 1260(6)	0.00	0	N.D. ppb
8) L2 1260(7)	17.30	23795186	0.025 ppb
9) L2 1260(8)	21.28f	81803101	0.156 ppb
10) L2 1260(9)	21.86f	57204609	0.059 ppb
11) L2 1260(10)	23.35	39684553	0.083 ppb
Sum 1260(6)		202.5E6	0.323 ppb
Average 1260(6)			0.081 ppb

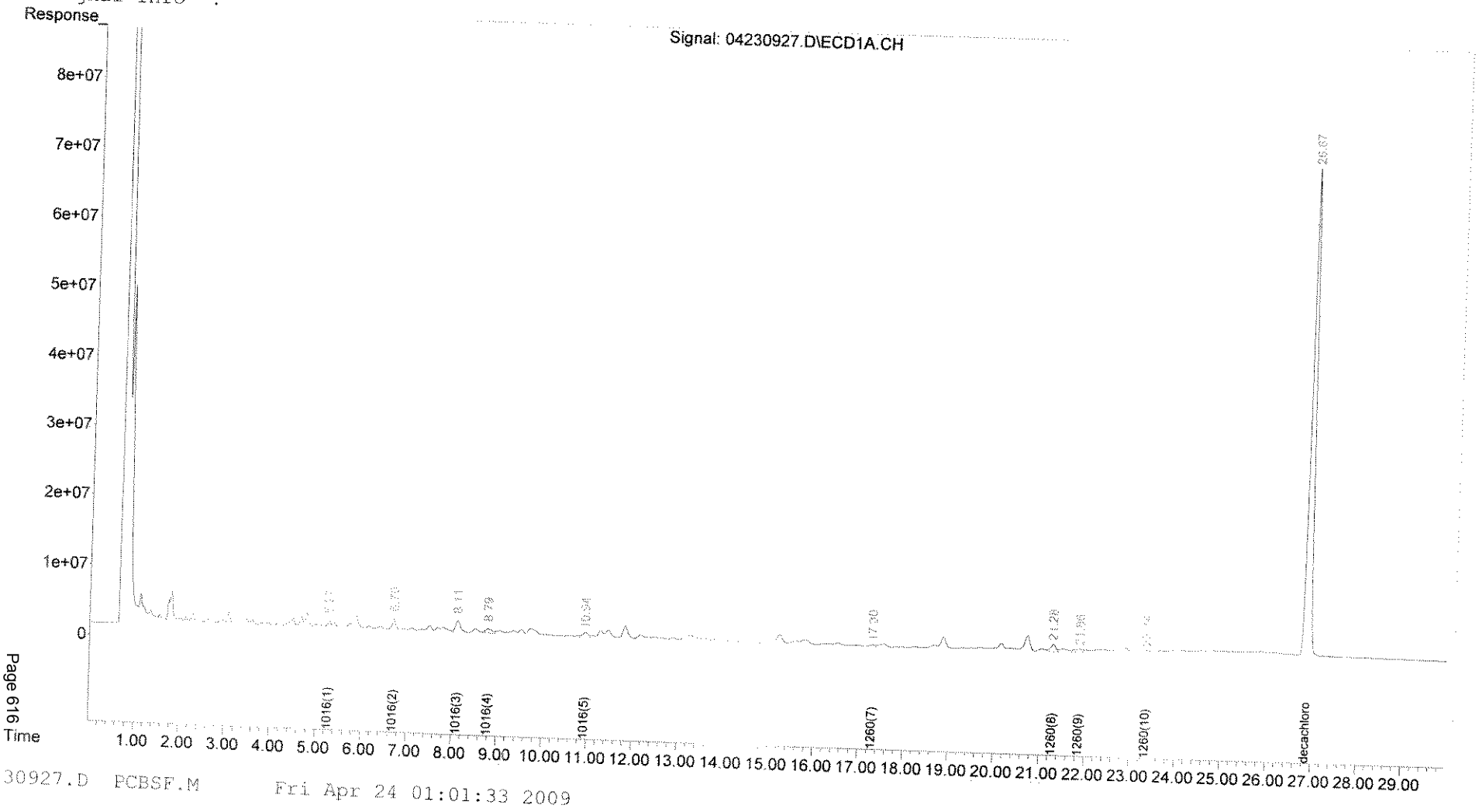
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230927.D Vial: 27
Acq On : 24 Apr 2009 12:31 am Operator: K.B.
Sample : 1475.11 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 1:01 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



04230927.D PCBSF.M Fri Apr 24 01:01:33 2009

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230928.D Vial: 28
Acq On : 24 Apr 2009 1:04 am Operator: K.B.
Sample : 1475.13 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 01:34:43 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87f	4491175059	91.572
Target Compounds			
2) L1 1016(1)	5.27	14562497	0.050 ppb
3) L1 1016(2)	6.74	216327873	0.439 ppb
4) L1 1016(3)	8.11	46987951	0.042 ppb
5) L1 1016(4)	8.66f	20465074	0.049 ppb
6) L1 1016(5)	10.97	68254921	0.186 ppb
Sum 1016(1)		366.6E6	0.765 ppb
Average 1016(1)			0.153 ppb
7) L2 1260(6)	0.00	0	N.D. ppb
8) L2 1260(7)	0.00	0	N.D. ppb
9) L2 1260(8)	21.28f	59065076	0.112 ppb
10) L2 1260(9)	21.77	31002597	0.038 ppb
11) L2 1260(10)	23.22	69128192	0.134 ppb
Sum 1260(6)		159.2E6	0.284 ppb
Average 1260(6)			0.095 ppb

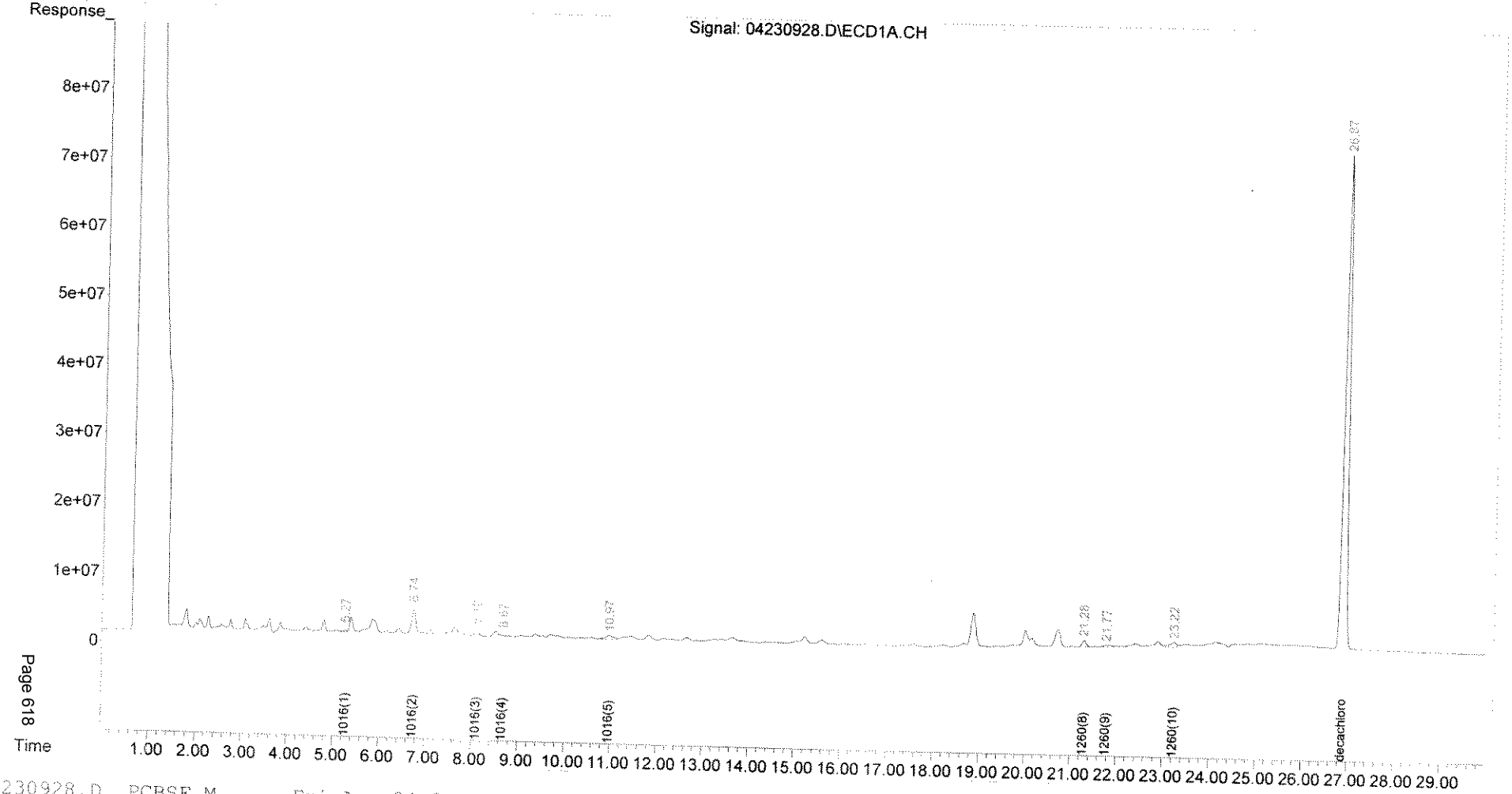
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230928.D Vial: 28
Acq On : 24 Apr 2009 1:04 am Operator: K.B.
Sample : 1475.13 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 1:34 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



04230928.D PCBSF.M Fri Apr 24 01:34:44 2009

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230929.D Vial: 29
Acq On : 24 Apr 2009 1:37 am Operator: K.B.
Sample : 1475.15 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 02:07:59 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87	3798720663	77.454
Target Compounds			
2) L1 1016(1)	5.24	29995032	0.134 ppb
3) L1 1016(2)	6.75	252801872	0.516 ppb
4) L1 1016(3)	8.10	2578848	N.D. ppb
5) L1 1016(4)	8.84	29478932	0.080 ppb
6) L1 1016(5)	11.01	136744682	0.397 ppb
Sum 1016(1)		449.0E6	1.124 ppb
Average 1016(1)			0.281 ppb
7) L2 1260(6)	16.64f	6250245	N.D. ppb
8) L2 1260(7)	17.41	48729688	0.060 ppb
9) L2 1260(8)	21.16	164686066	0.315 ppb
10) L2 1260(9)	21.71	106348606	0.099 ppb
11) L2 1260(10)	23.27	101073229	0.190 ppb
Sum 1260(6)		420.8E6	0.644 ppb
Average 1260(6)			0.161 ppb

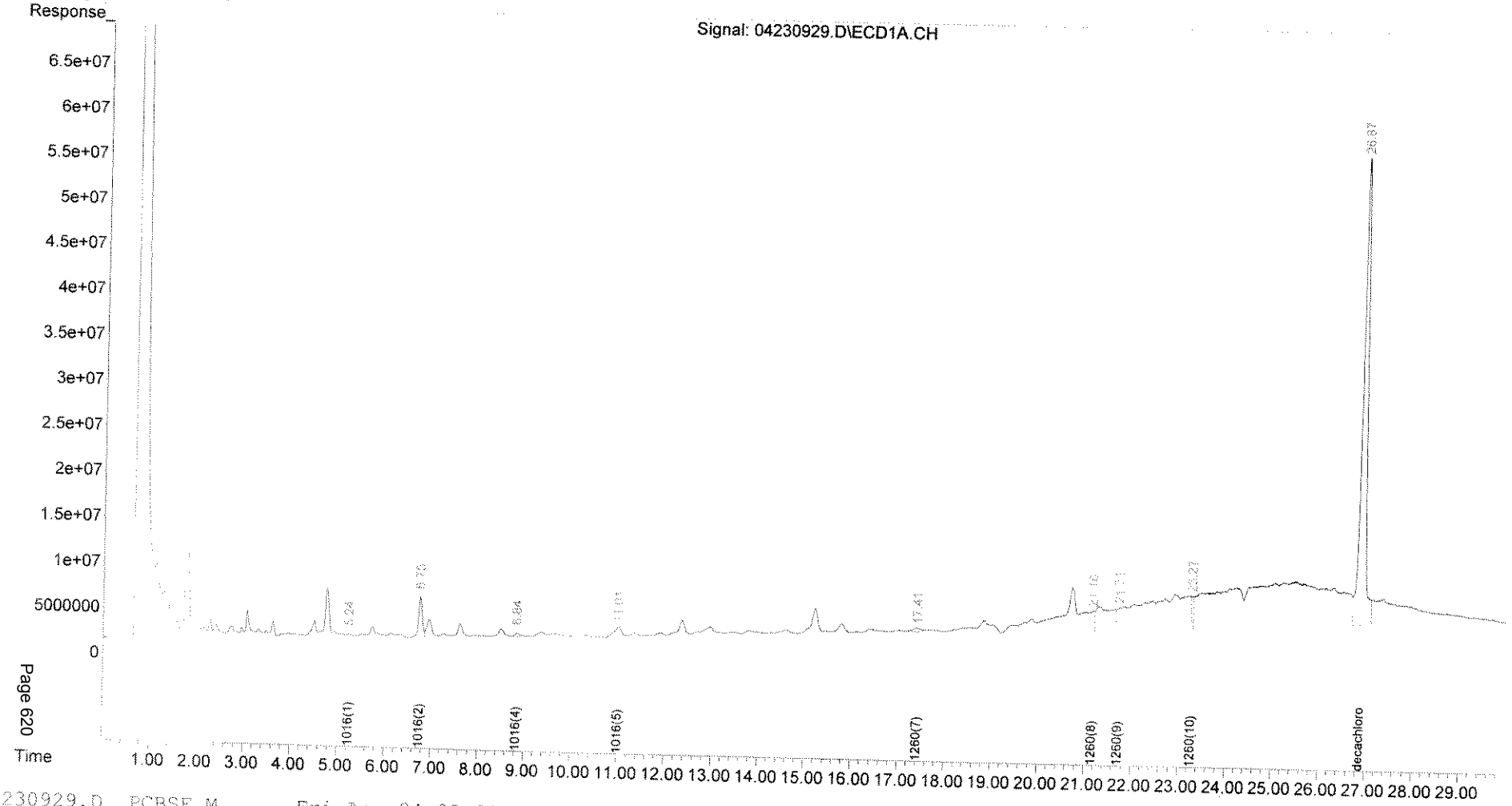
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230929.D Vial: 29
Acq On : 24 Apr 2009 1:37 am Operator: K.B.
Sample : 1475.15 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 2:07 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



04230929.D PCBSF.M Fri Apr 24 02:08:01 2009

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230930.D Vial: 30
Acq On : 24 Apr 2009 2:11 am Operator: K.B.
Sample : 1242 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 02:41:08 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.27	174990154	0.929 ppb
3) L1 1016(2)	6.70	403101864	0.836 ppb
4) L1 1016(3)	8.11	798511311	0.806 ppb
5) L1 1016(4)	8.77	277611804	0.939 ppb
6) L1 1016(5)	10.93	324191739	0.975 ppb
Sum 1016(1)		1978.4E6	4.486 ppb
Average 1016(1)			0.897 ppb
7) L2 1260(6)	0.00	0	N.D. ppb
8) L2 1260(7)	17.48f	8747152	0.003 ppb
9) L2 1260(8)	21.15	18394923	0.034 ppb
10) L2 1260(9)	21.75	45148799	0.049 ppb
11) L2 1260(10)	23.31	48755424	0.099 ppb
Sum 1260(6)		121.0E6	0.185 ppb
Average 1260(6)			0.046 ppb

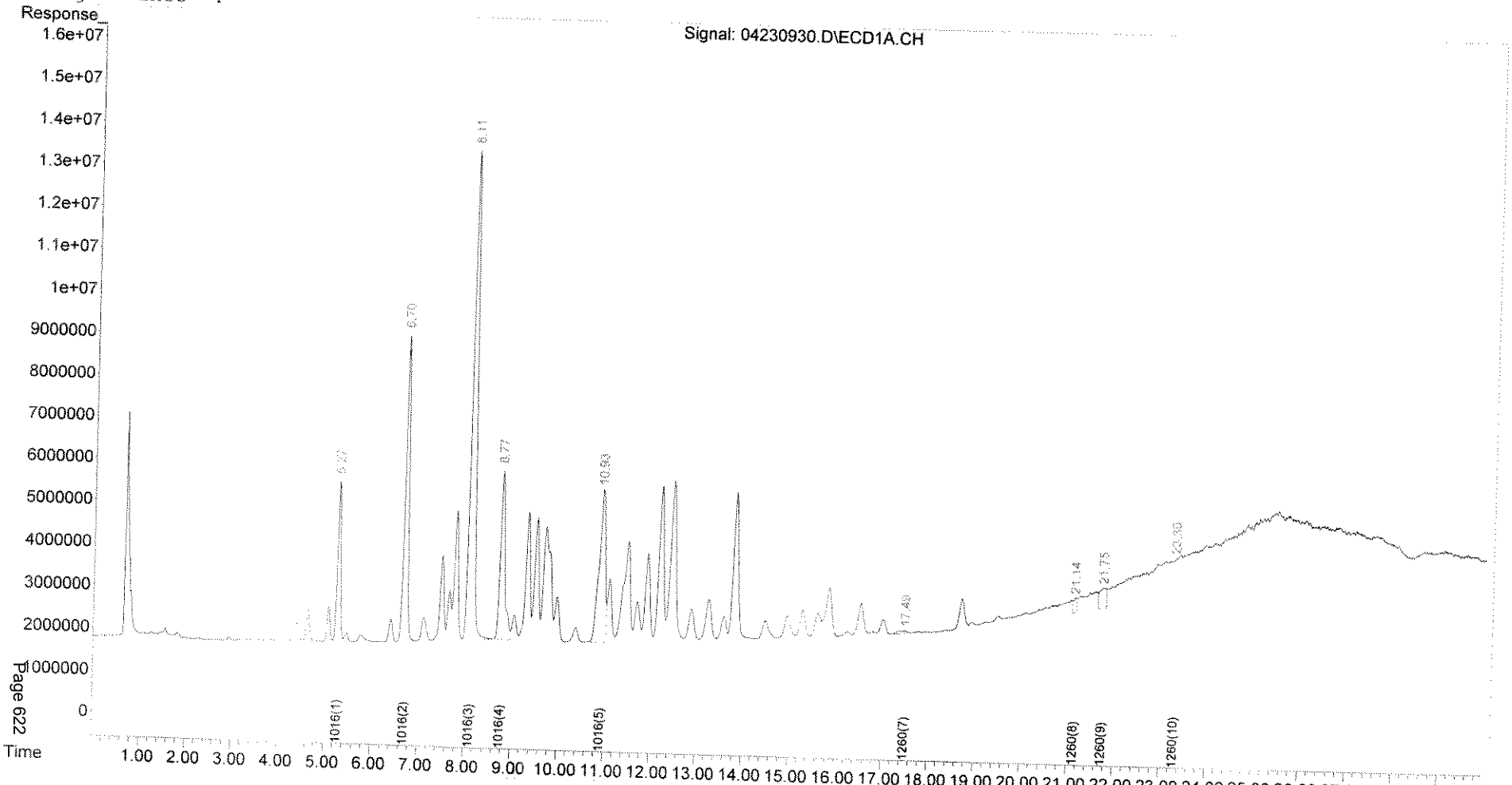
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230930.D Vial: 30
Acq On : 24 Apr 2009 2:11 am Operator: K.B.
Sample : 1242 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 2:41 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230931.D Vial: 31
Acq On : 24 Apr 2009 2:44 am Operator: K.B.
Sample : met bl x0.1 4/23/09 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 03:14:16 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.87f	4263281124	86.926	
Target Compounds				
2) L1 1016(1)	0.00	0	N.D.	ppb
3) L1 1016(2)	0.00	0	N.D.	ppb
4) L1 1016(3)	0.00	0	N.D.	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	11.02	23974868	0.049	ppb
Sum 1016(1)		23974868	0.049	ppb
Average 1016(1)			0.049	ppb
7) L2 1260(6)	16.63f	14365896	N.D.	ppb
8) L2 1260(7)	0.00	0	N.D.	ppb
9) L2 1260(8)	21.27f	337859023	0.648	ppb
10) L2 1260(9)	21.58f	129983114	0.118	ppb
11) L2 1260(10)	23.37	143411728	0.264	ppb
Sum 1260(6)		611.3E6	1.024	ppb
Average 1260(6)			0.341	ppb

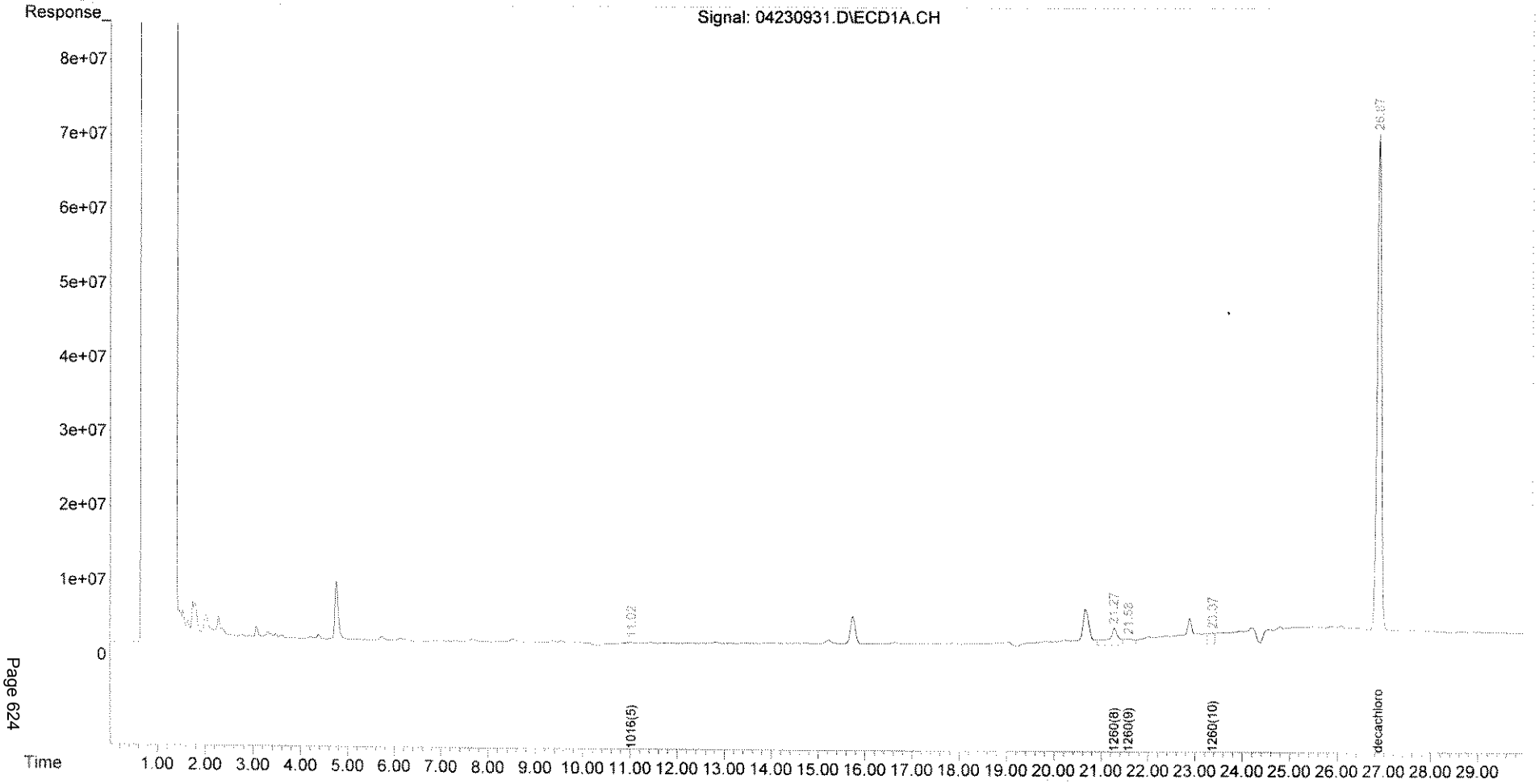
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230931.D Vial: 31
Acq On : 24 Apr 2009 2:44 am Operator: K.B.
Sample : met bl x0.1 4/23/09 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 3:14 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230932.D Vial: 32
Acq On : 24 Apr 2009 3:17 am Operator: K.B.
Sample : 0.4 1260 lcs nc x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 03:47:26 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.87	3705097683	75.545	
Target Compounds				
2) L1 1016(1)	5.25	20407719	0.082	ppb
3) L1 1016(2)	6.70	9928426	N.D.	ppb
4) L1 1016(3)	7.94f	5030800	N.D.	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	11.00	27024688	0.059	ppb
Sum 1016(1)		47432407	0.139	ppb
Average 1016(1)			0.070	ppb
7) L2 1260(6)	16.78	310816762	0.529	ppb
8) L2 1260(7)	17.33	356077182	0.501	ppb
9) L2 1260(8)	21.16	332823711	0.638	ppb
10) L2 1260(9)	21.75	580750966	0.486	ppb
11) L2 1260(10)	23.32	638751801	1.128	ppb
Sum 1260(6)		2219.2E6	3.283	ppb
Average 1260(6)			0.657	ppb

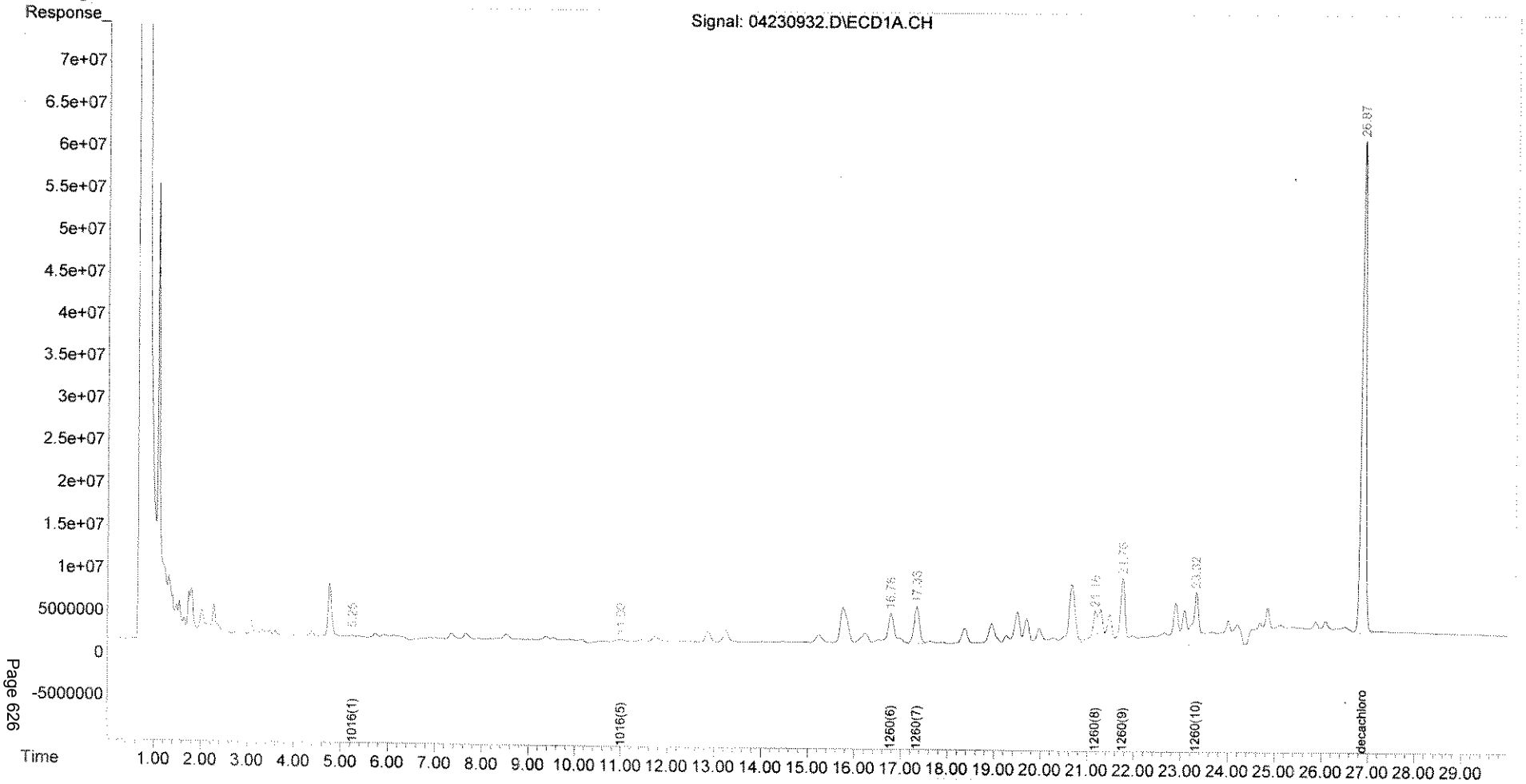
(f)=RT Delta > 1/2 Window (m)=manual int.
04230932.D PCBSF.M Fri Apr 24 03:47:27 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230932.D Vial: 32
Acq On : 24 Apr 2009 3:17 am Operator: K.B.
Sample : 0.4 1260 lcs nc x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 3:47 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230933.D Vial: 33
Acq On : 24 Apr 2009 3:50 am Operator: K.B.
Sample : 1489.01 6% x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 04:20:46 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87f	3025308986	61.684
Target Compounds			
2) L1 1016(1)	5.24	11873239	0.035 ppb
3) L1 1016(2)	0.00	0	N.D. ppb
4) L1 1016(3)	0.00	0	N.D. ppb
5) L1 1016(4)	0.00	0	N.D. ppb
6) L1 1016(5)	0.00	0	N.D. ppb
Sum 1016(1)		11873239	0.035 ppb
Average 1016(1)			0.035 ppb
7) L2 1260(6)	16.89	9747932	N.D. ppb
8) L2 1260(7)	0.00	0	N.D. ppb
9) L2 1260(8)	21.25	9585805	0.017 ppb
10) L2 1260(9)	0.00	0	N.D. ppb
11) L2 1260(10)	23.24	64406820	0.126 ppb
Sum 1260(6)		73992625	0.129 ppb
Average 1260(6)			0.064 ppb

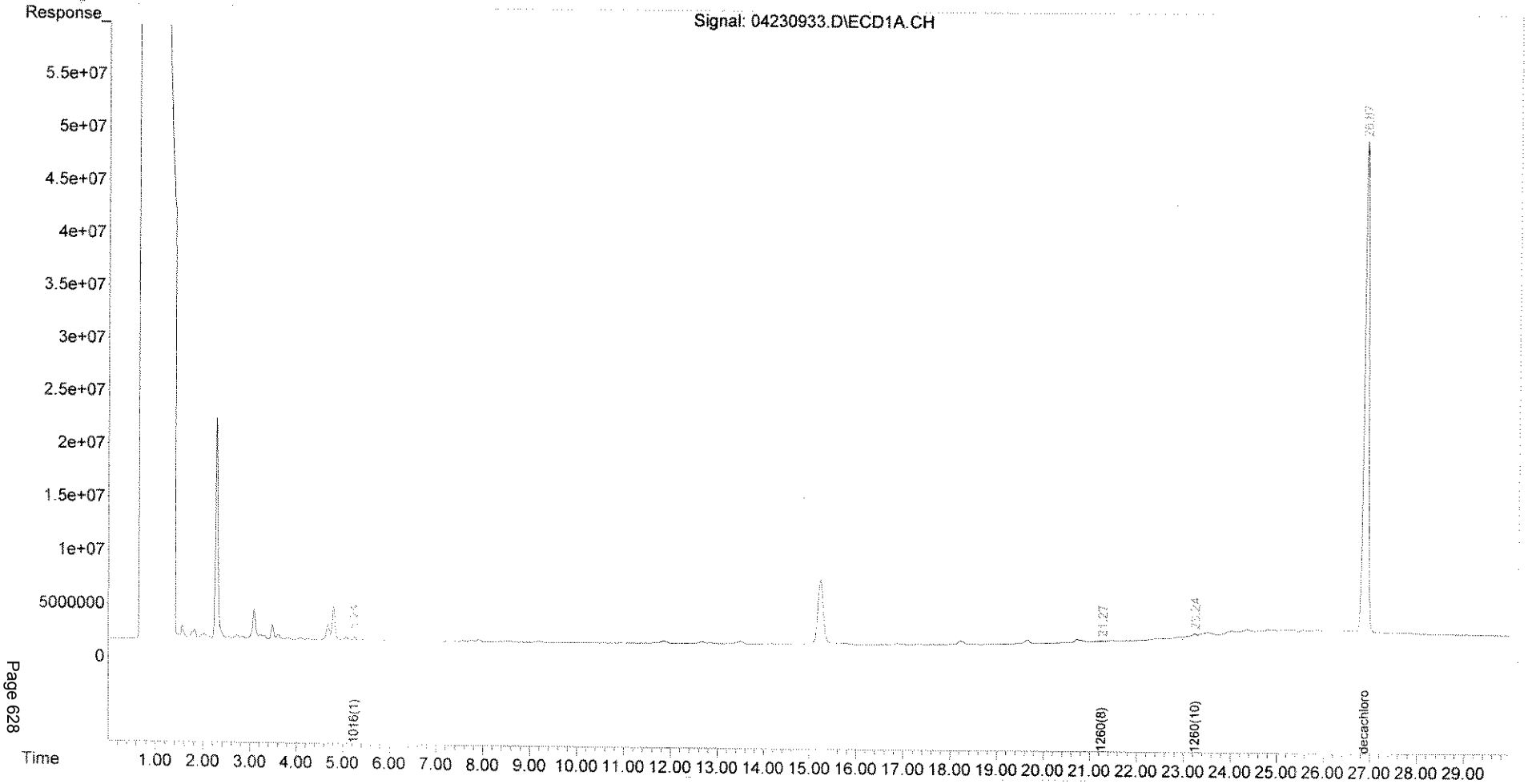
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230933.D Vial: 33
Acq On : 24 Apr 2009 3:50 am Operator: K.B.
Sample : 1489.01 6% x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 4:20 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230934.D Vial: 34
Acq On : 24 Apr 2009 4:23 am Operator: K.B.
Sample : 1489.02 6% x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 04:53:52 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87f	3966138188	80.867
Target Compounds			
2) L1 1016(1)	5.23	13864085	0.046 ppb
3) L1 1016(2)	0.00	0	N.D. ppb
4) L1 1016(3)	0.00	0	N.D. ppb
5) L1 1016(4)	0.00	0	N.D. ppb
6) L1 1016(5)	0.00	0	N.D. ppb
Sum 1016(1)		13864085	0.046 ppb
Average 1016(1)			0.046 ppb
7) L2 1260(6)	0.00	0	N.D. ppb
8) L2 1260(7)	0.00	0	N.D. ppb
9) L2 1260(8)	0.00	0	N.D. ppb
10) L2 1260(9)	0.00	0	N.D. ppb
11) L2 1260(10)	23.36	108368424	0.203 ppb
Sum 1260(6)		108.4E6	0.203 ppb
Average 1260(6)			0.203 ppb

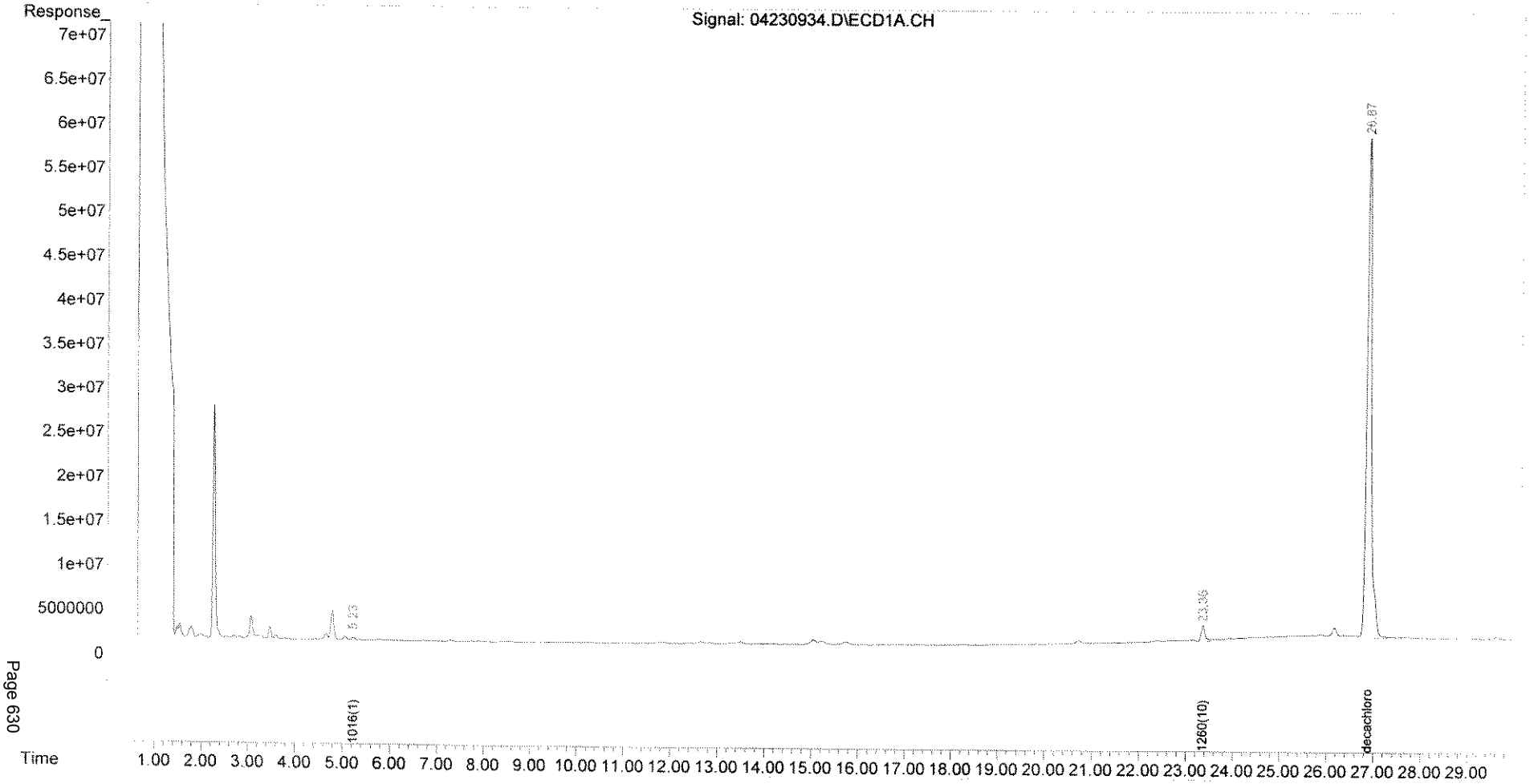
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230934.D Vial: 34
Acq On : 24 Apr 2009 4:23 am Operator: K.B.
Sample : 1489.02 6% x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 4:53 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230935.D Vial: 35
Acq On : 24 Apr 2009 4:57 am Operator: K.B.
Sample : 1490.01 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 05:27:06 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

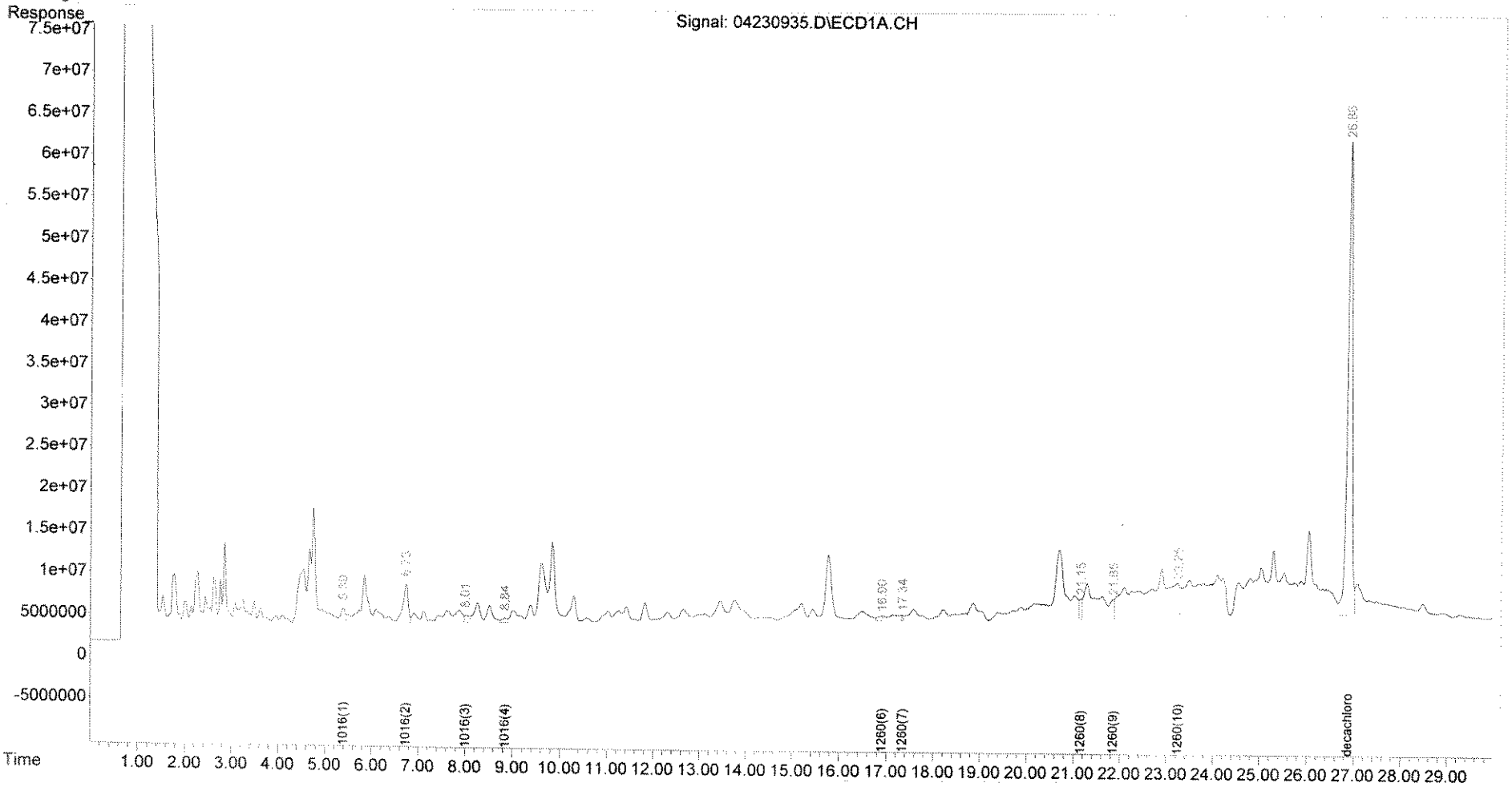
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.86	3836509734	78.224
Target Compounds			
2) L1 1016(1)	5.39f	119465257	0.625 ppb
3) L1 1016(2)	6.73	351111374	0.726 ppb
4) L1 1016(3)	8.01f	53576932	0.049 ppb
5) L1 1016(4)	8.84	41670170	0.122 ppb
6) L1 1016(5)	0.00	0	N.D. ppb
Sum 1016(1)		565.8E6	1.521 ppb
Average 1016(1)			0.380 ppb
7) L2 1260(6)	16.90f	42311253	0.044 ppb
8) L2 1260(7)	17.34	18312716	0.017 ppb
9) L2 1260(8)	21.16	90884846	0.174 ppb
10) L2 1260(9)	21.85f	159295518	0.142 ppb
11) L2 1260(10)	23.24	110339241	0.206 ppb
Sum 1260(6)		421.1E6	0.583 ppb
Average 1260(6)			0.117 ppb

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230935.D Vial: 35
Acq On : 24 Apr 2009 4:57 am Operator: K.B.
Sample : 1490.01 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 5:27 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230936.D Vial: 36
Acq On : 24 Apr 2009 5:30 am Operator: K.B.
Sample : 1490.03 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 06:00:13 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.86	4268690697	87.036
Target Compounds			
2) L1 1016(1)	5.39	64345332	0.323 ppb
3) L1 1016(2)	6.70	43331119	0.071 ppb
4) L1 1016(3)	8.20	36445249	0.031 ppb
5) L1 1016(4)	8.82	31958019	0.088 ppb
6) L1 1016(5)	11.01	213907973	0.635 ppb
Sum 1016(1)		390.0E6	1.148 ppb
Average 1016(1)			0.230 ppb
7) L2 1260(6)	16.91f	42083349	0.044 ppb
8) L2 1260(7)	17.40	26704688	0.029 ppb
9) L2 1260(8)	21.28f	324896356	0.623 ppb
10) L2 1260(9)	21.82	84847359	0.082 ppb
11) L2 1260(10)	23.28	51993626	0.104 ppb
Sum 1260(6)		530.5E6	0.882 ppb
Average 1260(6)			0.176 ppb

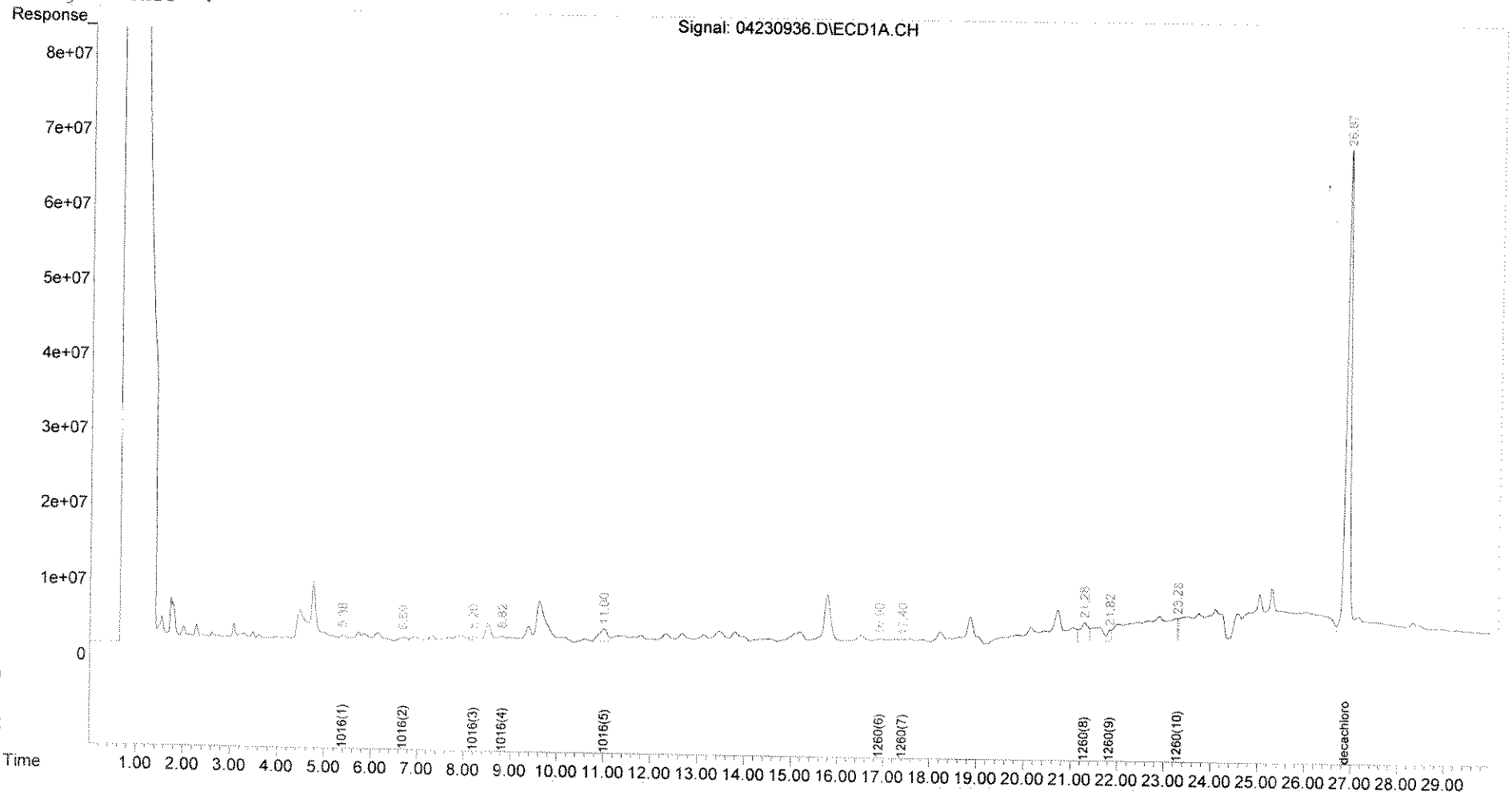
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230936.D Vial: 36
Acq On : 24 Apr 2009 5:30 am Operator: K.B.
Sample : 1490.03 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 6:00 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230937.D Vial: 37
Acq On : 24 Apr 2009 6:03 am Operator: K.B.
Sample : 1248 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 06:33:28 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1)	S decachlorobiphenyl	0.00	0	N.D.
	Target Compounds			
2)	L1 1016(1)	5.28	19140984	0.075 ppb
3)	L1 1016(2)	6.70	188765284	0.380 ppb
4)	L1 1016(3)	8.10	493051272	0.496 ppb
5)	L1 1016(4)	8.77	122822443	0.403 ppb
6)	L1 1016(5)	10.93	449530255	1.362 ppb
	Sum 1016(1)		1273.3E6	2.715 ppb
	Average 1016(1)			0.543 ppb
7)	L2 1260(6)	16.78	19727279	0.004 ppb
8)	L2 1260(7)	17.34	19364924	0.018 ppb
9)	L2 1260(8)	21.26	13704690	0.025 ppb
10)	L2 1260(9)	21.76	9765830	0.020 ppb
11)	L2 1260(10)	23.33	26116413	0.059 ppb
	Sum 1260(6)		88679136	0.127 ppb
	Average 1260(6)			0.025 ppb

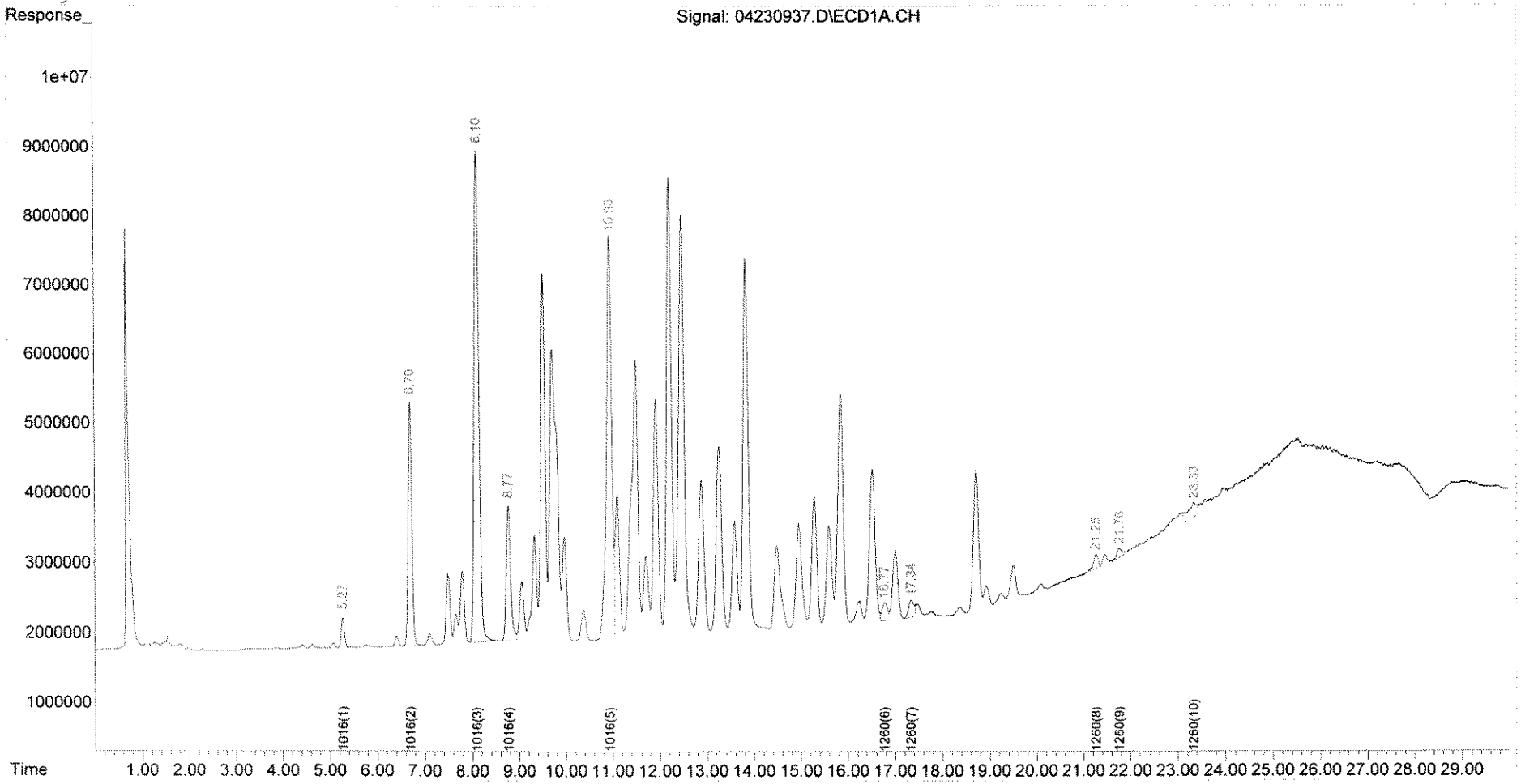
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230937.D Vial: 37
Acq On : 24 Apr 2009 6:03 am Operator: K.B.
Sample : 1248 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 6:33 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230938.D Vial: 38
Acq On : 24 Apr 2009 6:36 am Operator: K.B.
Sample : 1514.02 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 07:06:33 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.86	4622617340	94.252
Target Compounds			
2) L1 1016(1)	5.26	31175453	0.141 ppb
3) L1 1016(2)	6.55f	46779971	0.078 ppb
4) L1 1016(3)	7.98f	210845000	0.209 ppb
5) L1 1016(4)	8.81	87033473	0.279 ppb
6) L1 1016(5)	10.88	50859350	0.132 ppb
Sum 1016(1)		426.7E6	0.839 ppb
Average 1016(1)			0.168 ppb
7) L2 1260(6)	16.79	6777093	N.D. ppb
8) L2 1260(7)	17.40	72965769	0.095 ppb
9) L2 1260(8)	21.07	122597140	0.235 ppb
10) L2 1260(9)	21.81	161012785	0.144 ppb
11) L2 1260(10)	23.28	93732204	0.177 ppb
Sum 1260(6)		450.3E6	0.631 ppb
Average 1260(6)			0.158 ppb

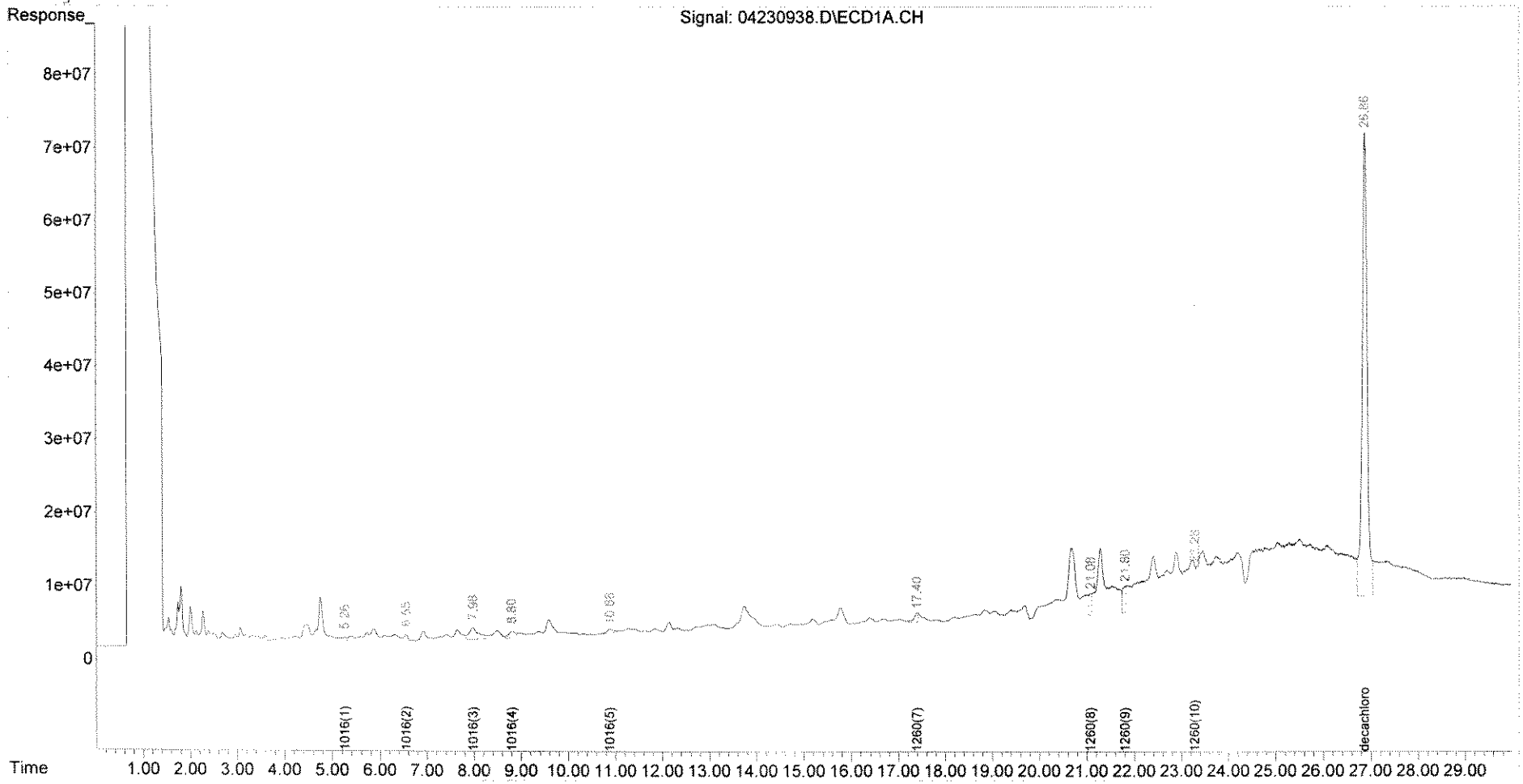
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230938.D Vial: 38
Acq On : 24 Apr 2009 6:36 am Operator: K.B.
Sample : 1514.02 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 7:06 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230939.D Vial: 39
Acq On : 24 Apr 2009 7:09 am Operator: K.B.
Sample : 1541 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 07:39:47 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1)	S decachlorobiphenyl	26.87f	4558318851	92.941
	Target Compounds			
2)	L1 1016(1)	5.25	68427880	0.345 ppb
3)	L1 1016(2)	6.74	56068389	0.098 ppb
4)	L1 1016(3)	8.24f	83984746	0.080 ppb
5)	L1 1016(4)	0.00	0	N.D. ppb
6)	L1 1016(5)	10.90	271286408	0.812 ppb
	Sum 1016(1)		479.8E6	1.334 ppb
	Average 1016(1)			0.334 ppb
7)	L2 1260(6)	16.91f	324119946	0.553 ppb
8)	L2 1260(7)	17.32	82531590	0.109 ppb
9)	L2 1260(8)	21.08	479897333	0.921 ppb
10)	L2 1260(9)	21.80	243446312	0.211 ppb
11)	L2 1260(10)	23.23	177010377	0.322 ppb
	Sum 1260(6)		1307.0E6	2.116 ppb
	Average 1260(6)			0.423 ppb

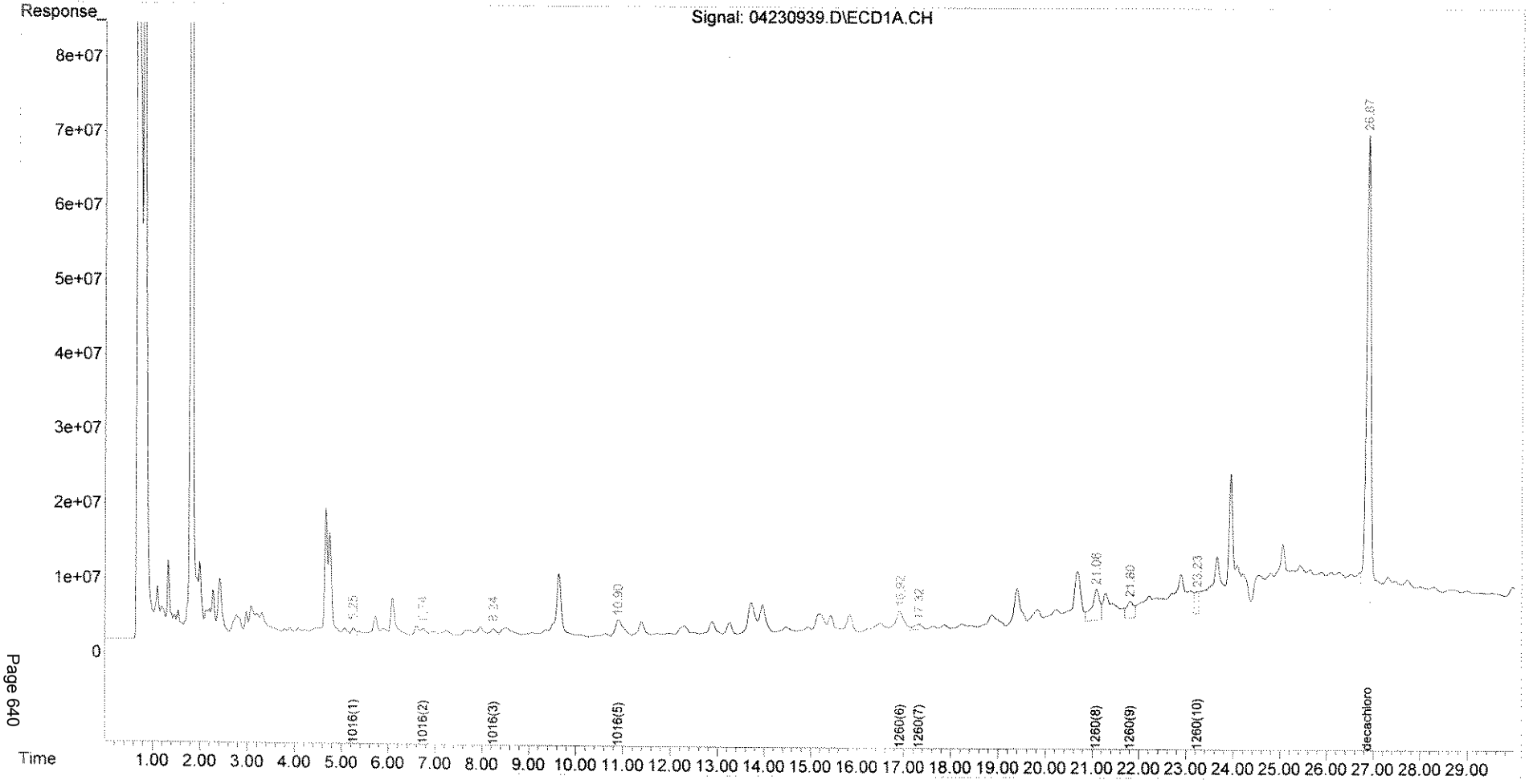
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230939.D Vial: 39
Acq On : 24 Apr 2009 7:09 am Operator: K.B.
Sample : 1541 nc x0.05 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 7:39 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230940.D Vial: 40
Acq On : 24 Apr 2009 7:42 am Operator: K.B.
Sample : 1232 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 08:12:50 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.27	36266128	0.169 ppb
3) L1 1016(2)	6.70	43830216	0.072 ppb
4) L1 1016(3)	8.11	76571315	0.072 ppb
5) L1 1016(4)	8.77	25166706	0.065 ppb
6) L1 1016(5)	10.93	33423770	0.078 ppb
Sum 1016(1)		215.3E6	0.456 ppb
Average 1016(1)			0.091 ppb
7) L2 1260(6)	0.00	0	N.D. ppb
8) L2 1260(7)	0.00	0	N.D. ppb
9) L2 1260(8)	0.00	0	N.D. ppb
10) L2 1260(9)	21.77	12762860	0.023 ppb
11) L2 1260(10)	23.37	151959697	0.279 ppb
Sum 1260(6)		164.7E6	0.302 ppb
Average 1260(6)			0.151 ppb

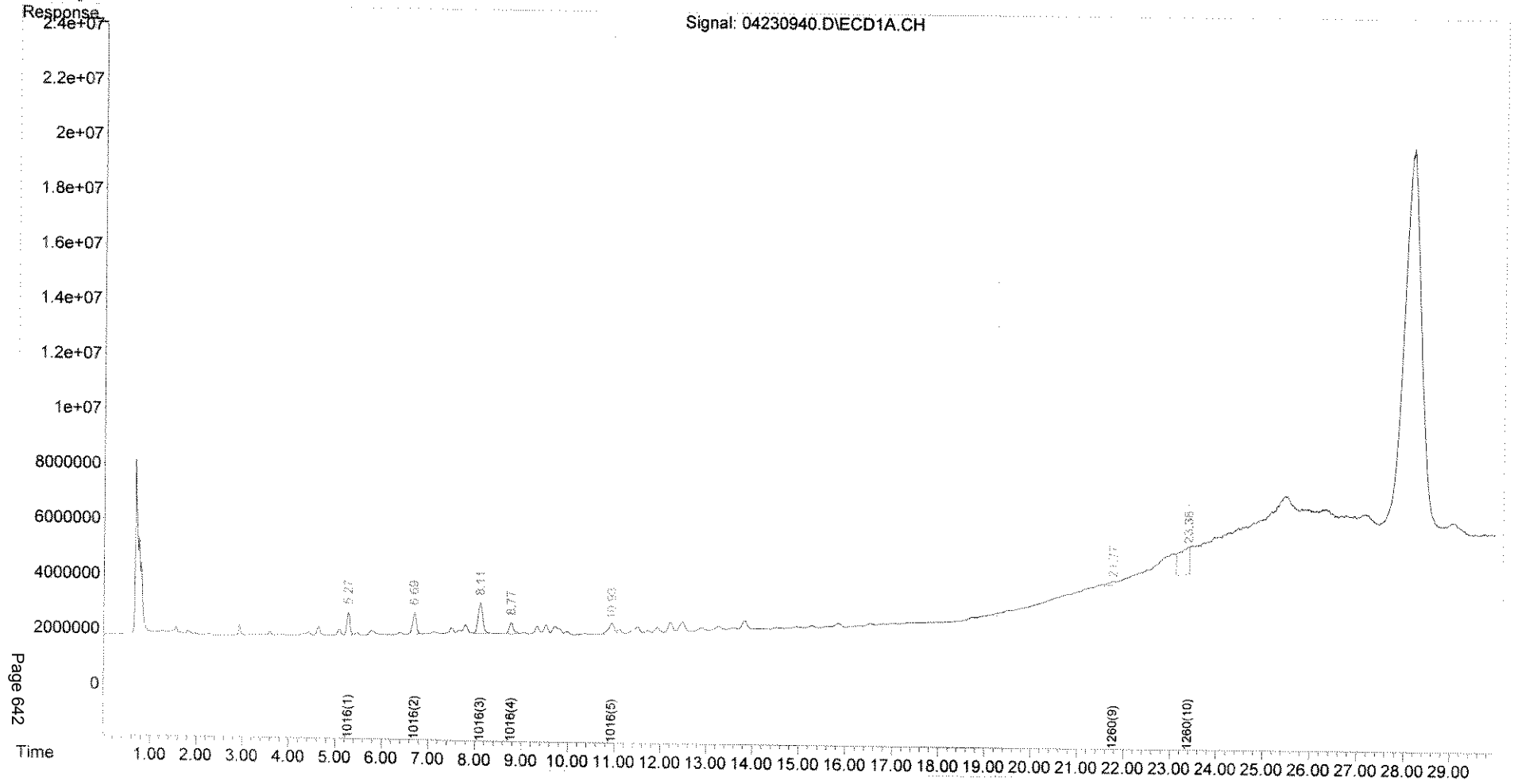
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230940.D Vial: 40
Acq On : 24 Apr 2009 7:42 am Operator: K.B.
Sample : 1232 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 8:12 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230941.D Vial: 41
Acq On : 24 Apr 2009 8:16 am Operator: K.B.
Sample : 1242 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 08:46:07 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	0.00	0	N.D.	
Target Compounds				
2) L1 1016(1)	5.28	33749152	0.155	ppb
3) L1 1016(2)	6.70	78768810	0.146	ppb
4) L1 1016(3)	8.11	146654905	0.143	ppb
5) L1 1016(4)	8.77	53962307	0.165	ppb
6) L1 1016(5)	10.93	63292396	0.171	ppb
Sum 1016(1)		376.4E6	0.779	ppb
Average 1016(1)			0.156	ppb
7) L2 1260(6)	0.00	0	N.D.	ppb
8) L2 1260(7)	0.00	0	N.D.	ppb
9) L2 1260(8)	0.00	0	N.D.	ppb
10) L2 1260(9)	0.00	0	N.D.	ppb
11) L2 1260(10)	0.00	0	N.D.	ppb
Sum 1260(6)		0	N.D.	ppb
Average 1260(6)			0.000	ppb

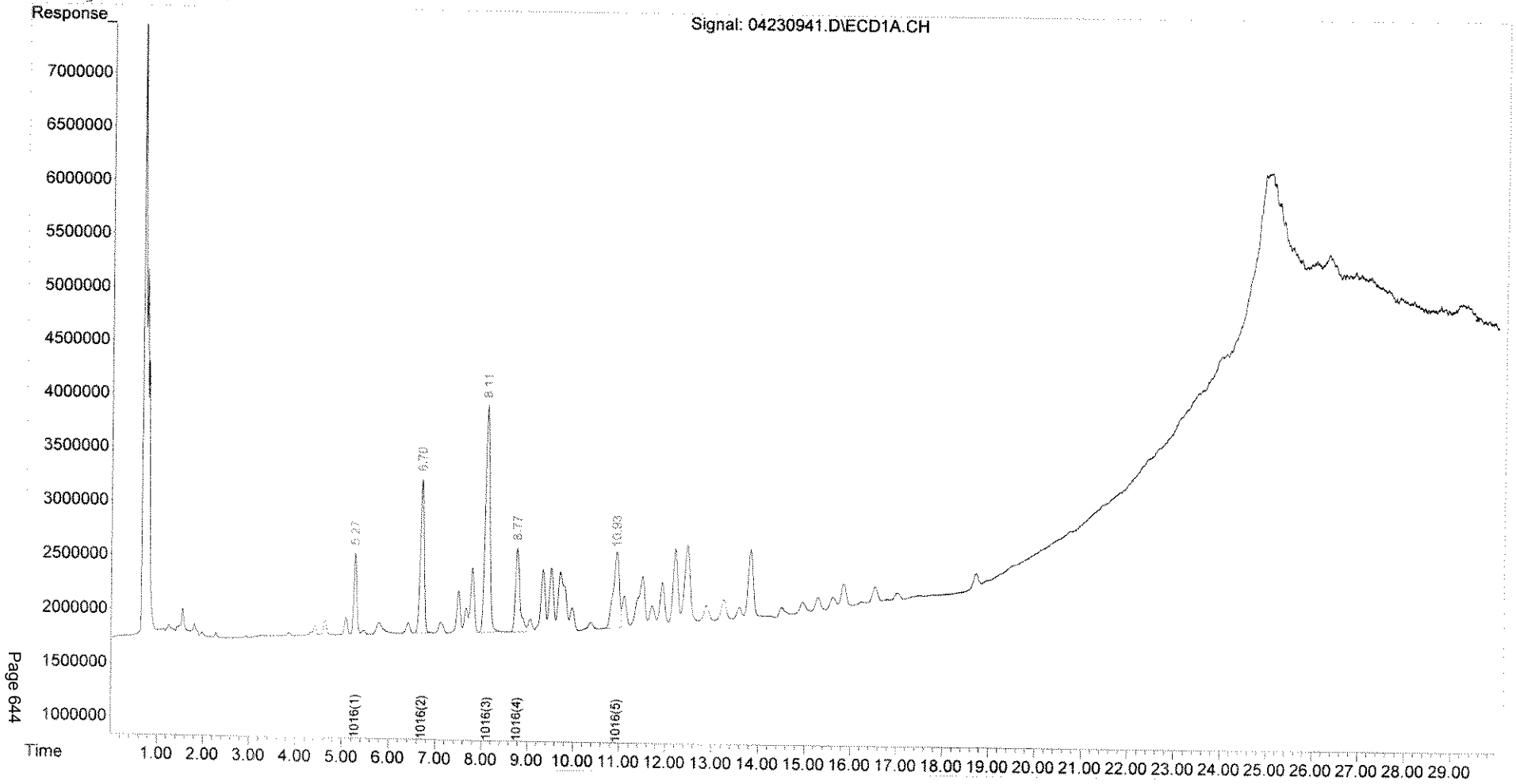
(f)=RT Delta > 1/2 Window (m)=manual int.
04230941.D PCBSF.M Fri Apr 24 08:46:08 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230941.D Vial: 41
Acq On : 24 Apr 2009 8:16 am Operator: K.B.
Sample : 1242 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 8:46 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230942.D Vial: 42
Acq On : 24 Apr 2009 8:49 am Operator: K.B.
Sample : 0.4 1016 spike 6% x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 09:19:13 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.88f	4260987692	86.879
Target Compounds			
2) L1 1016(1)	5.27	111663978	0.582 ppb
3) L1 1016(2)	6.70	300760029	0.619 ppb
4) L1 1016(3)	8.11	584231780	0.588 ppb
5) L1 1016(4)	8.77	219521280	0.738 ppb
6) L1 1016(5)	10.94	218098499	0.648 ppb
Sum 1016(1)		1434.3E6	3.175 ppb
Average 1016(1)			0.635 ppb
7) L2 1260(6)	16.65f	10248592	N.D. ppb
8) L2 1260(7)	0.00	0	N.D. ppb
9) L2 1260(8)	21.29f	326804612	0.627 ppb
10) L2 1260(9)	21.59f	114900349	0.106 ppb
11) L2 1260(10)	23.25	86629340	0.165 ppb
Sum 1260(6)		528.3E6	0.884 ppb
Average 1260(6)			0.295 ppb

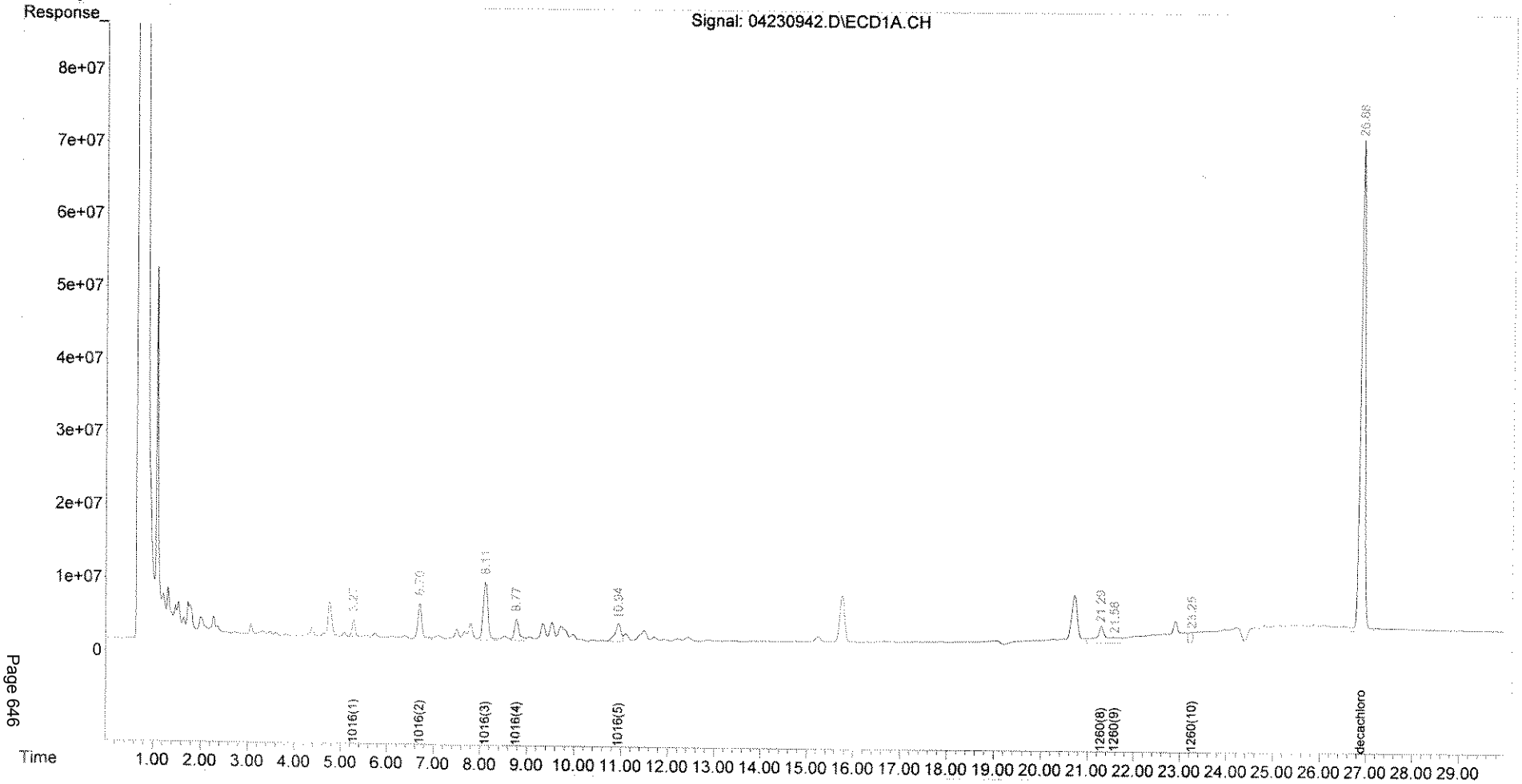
(f)=RT Delta > 1/2 Window (m)=manual int.
04230942.D PCBSF.M Fri Apr 24 09:19:13 2009

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230942.D Vial: 42
Acq On : 24 Apr 2009 8:49 am Operator: K.B.
Sample : 0.4 1016 spike 6% x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 9:19 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230943.D Vial: 43
Acq On : 24 Apr 2009 9:22 am Operator: K.B.
Sample : 0.4 1016 dp spike 6% x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 09:52:35 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87f	4468985088	91.120
Target Compounds			
2) L1 1016(1)	5.28	122841074	0.643 ppb
3) L1 1016(2)	6.70	292094989	0.600 ppb
4) L1 1016(3)	8.11	582540617	0.587 ppb
5) L1 1016(4)	8.77	216095766	0.726 ppb
6) L1 1016(5)	10.94	216634897	0.644 ppb
Sum 1016(1)		1430.2E6	3.200 ppb
Average 1016(1)			0.640 ppb
7) L2 1260(6)	16.79	34966812	0.031 ppb
8) L2 1260(7)	17.33	50234757	0.062 ppb
9) L2 1260(8)	21.28f	257673021	0.494 ppb
10) L2 1260(9)	21.76	124035710	0.113 ppb
11) L2 1260(10)	23.33	202000096	0.366 ppb
Sum 1260(6)		668.9E6	1.067 ppb
Average 1260(6)			0.213 ppb

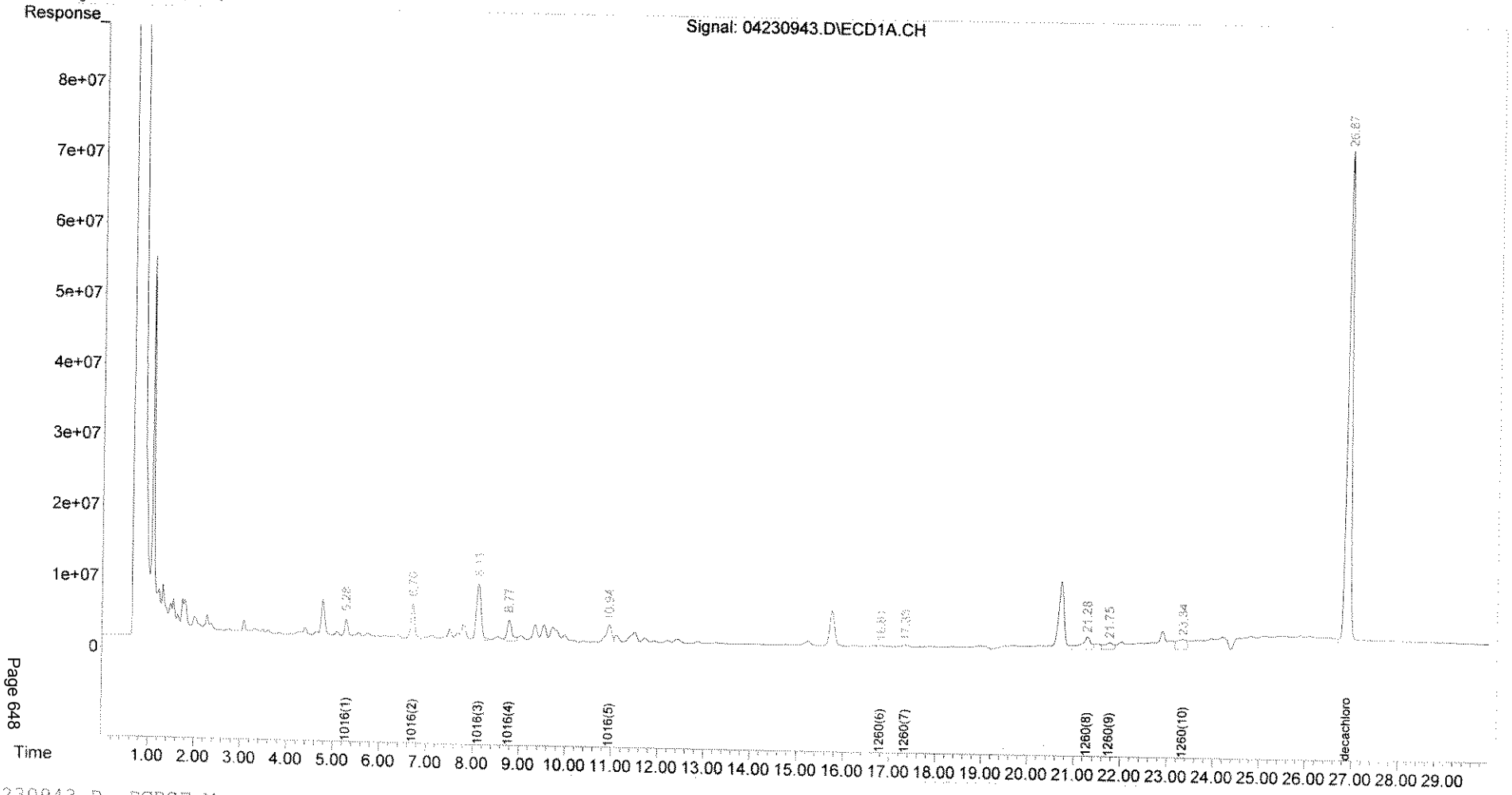
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230943.D Vial: 43
Acq On : 24 Apr 2009 9:22 am Operator: K.B.
Sample : 0.4 1016 dp spike 6% x0.1 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 9:52 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230944.D Vial: 44
Acq On : 24 Apr 2009 9:55 am Operator: K.B.
Sample : 1016/1260 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 10:25:40 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.87f	16715129	0.341
Target Compounds			
2) L1 1016(1)	5.28	213859089	1.143 ppb
3) L1 1016(2)	6.70	534038195	1.115 ppb
4) L1 1016(3)	8.11	1067419279	1.080 ppb
5) L1 1016(4)	8.77	366839730	1.248 ppb
6) L1 1016(5)	10.94	369251988	1.114 ppb
Sum 1016(1)		2551.4E6	5.699 ppb
Average 1016(1)			1.140 ppb
7) L2 1260(6)	16.79	646689471	1.136 ppb
8) L2 1260(7)	17.34	766565033	1.089 ppb
9) L2 1260(8)	21.17	559243961	1.073 ppb
10) L2 1260(9)	21.76	1278620938	1.055 ppb
11) L2 1260(10)	23.33	754956573	1.331 ppb
Sum 1260(6)		4006.1E6	5.685 ppb
Average 1260(6)			1.137 ppb

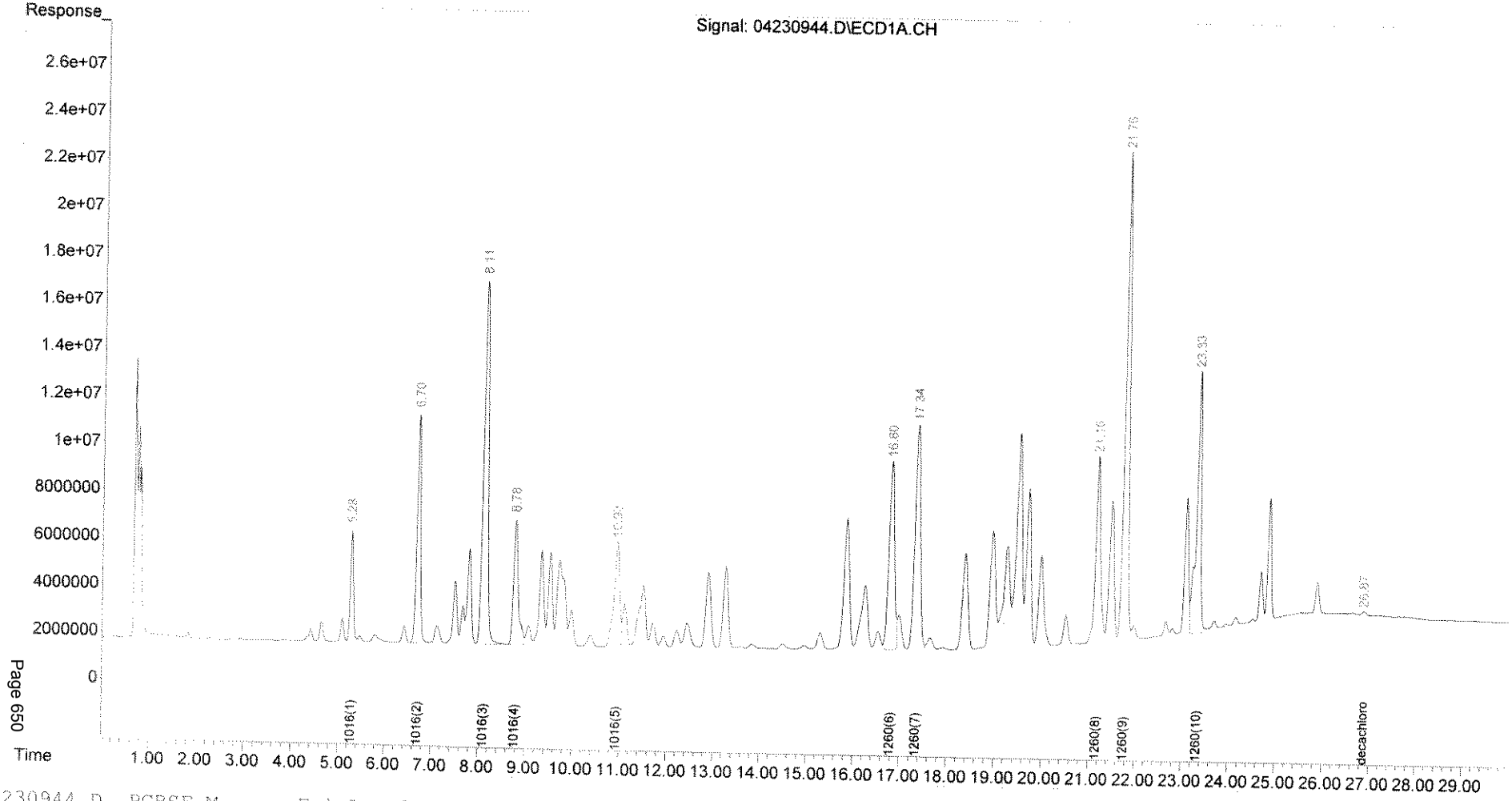
(f)=RT Delta > 1/2 Window (m)=manual int.
04230944.D PCBSF.M Fri Apr 24 10:25:40 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230944.D Vial: 44
Acq On : 24 Apr 2009 9:55 am Operator: K.B.
Sample : 1016/1260 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 10:25 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230945.D Vial: 45
Acq On : 24 Apr 2009 10:28 am Operator: K.B.
Sample : 1254 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 10:58:49 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	0.00	0	N.D.	
Target Compounds				
2) L1 1016(1)	0.00	0	N.D.	ppb
3) L1 1016(2)	6.70	9239136	N.D.	ppb
4) L1 1016(3)	8.11	18615427	0.013	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	10.95	137628696	0.400	ppb
Sum 1016(1)		156.2E6	0.411	ppb
Average 1016(1)			0.206	ppb
7) L2 1260(6)	16.80	309662631	0.527	ppb
8) L2 1260(7)	17.34	377231512	0.531	ppb
9) L2 1260(8)	21.26f	231334960	0.443	ppb
10) L2 1260(9)	21.76	156152950	0.140	ppb
11) L2 1260(10)	23.33	99821440	0.188	ppb
Sum 1260(6)		1174.2E6	1.829	ppb
Average 1260(6)			0.366	ppb

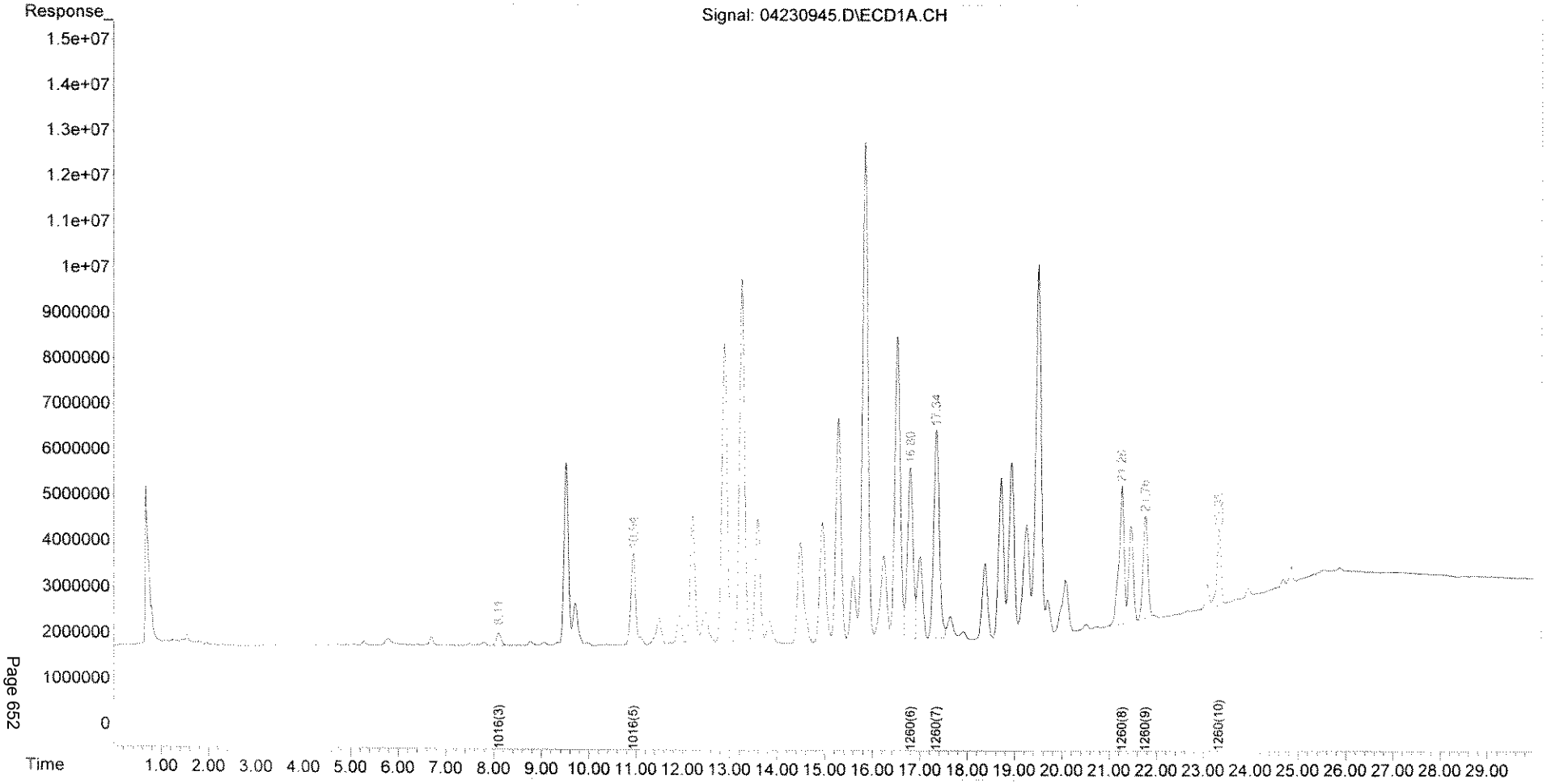
(f)=RT Delta > 1/2 Window (m)=manual int.
04230945.D PCBSF.M Fri Apr 24 10:58:49 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230945.D Vial: 45
Acq On : 24 Apr 2009 10:28 am Operator: K.B.
Sample : 1254 6.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 10:58 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230946.D Vial: 46
Acq On : 24 Apr 2009 11:01 am Operator: K.B.
Sample : 1254 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 11:32:03 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	0.00	0	N.D.	
Target Compounds				
2) L1 1016(1)	0.00	0	N.D.	ppb
3) L1 1016(2)	6.70	7770028	N.D.	ppb
4) L1 1016(3)	8.10	19780226	0.014	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	10.94	128245643	0.371	ppb
Sum 1016(1)		148.0E6	0.380	ppb
Average 1016(1)			0.190	ppb
7) L2 1260(6)	16.79	289023192	0.490	ppb
8) L2 1260(7)	17.33	360889457	0.508	ppb
9) L2 1260(8)	21.27f	218789014	0.419	ppb
10) L2 1260(9)	21.76	155459912	0.139	ppb
11) L2 1260(10)	23.33	91409404	0.173	ppb
Sum 1260(6)		1115.6E6	1.729	ppb
Average 1260(6)			0.346	ppb

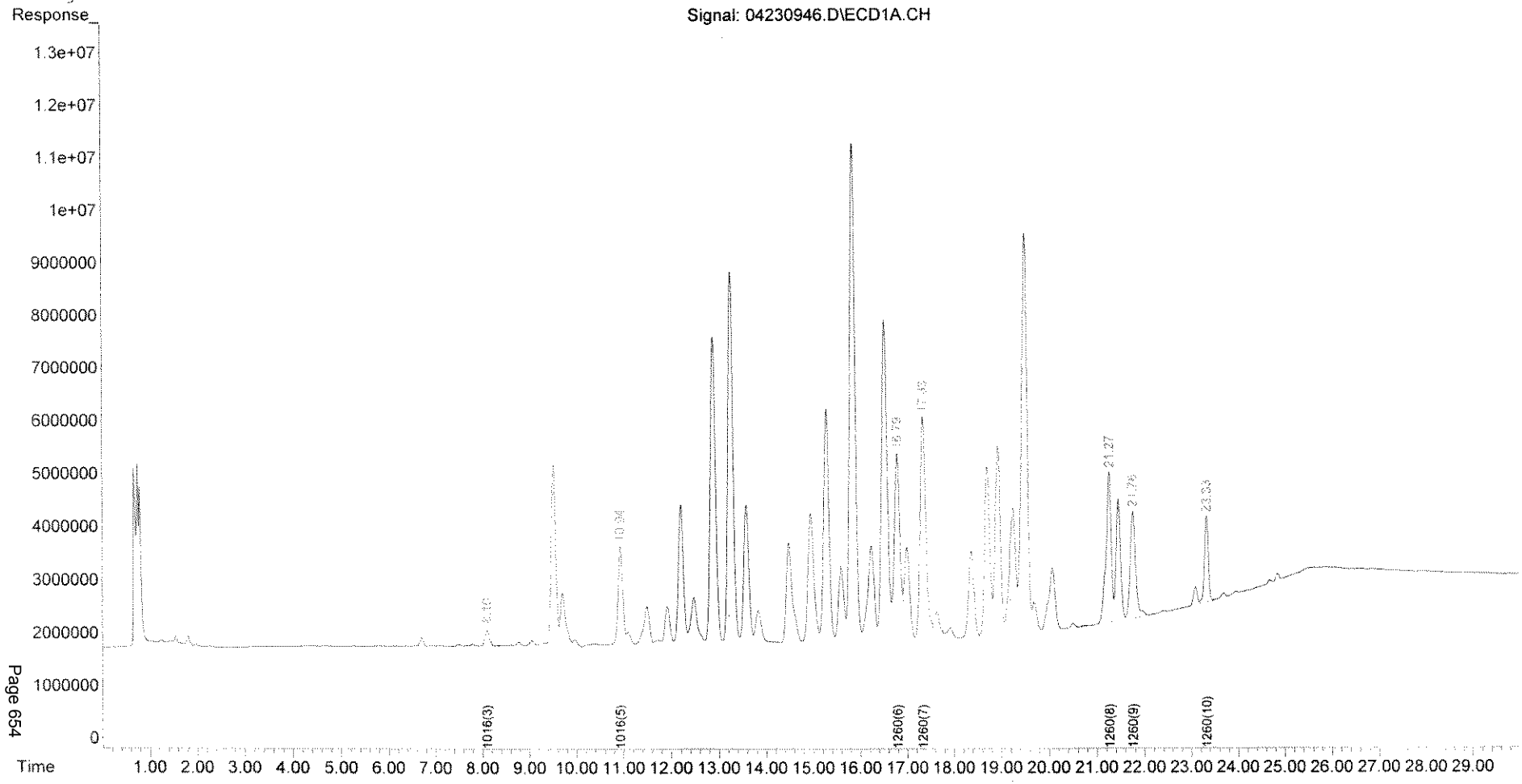
(f)=RT Delta > 1/2 Window (m)=manual int.
04230946.D PCBSF.M Fri Apr 24 11:32:03 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230946.D Vial: 46
Acq On : 24 Apr 2009 11:01 am Operator: K.B.
Sample : 1254 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 11:32 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230947.D Vial: 47
Acq On : 24 Apr 2009 11:35 am Operator: K.B.
Sample : met bl x5k 4/23/09 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:05:13 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

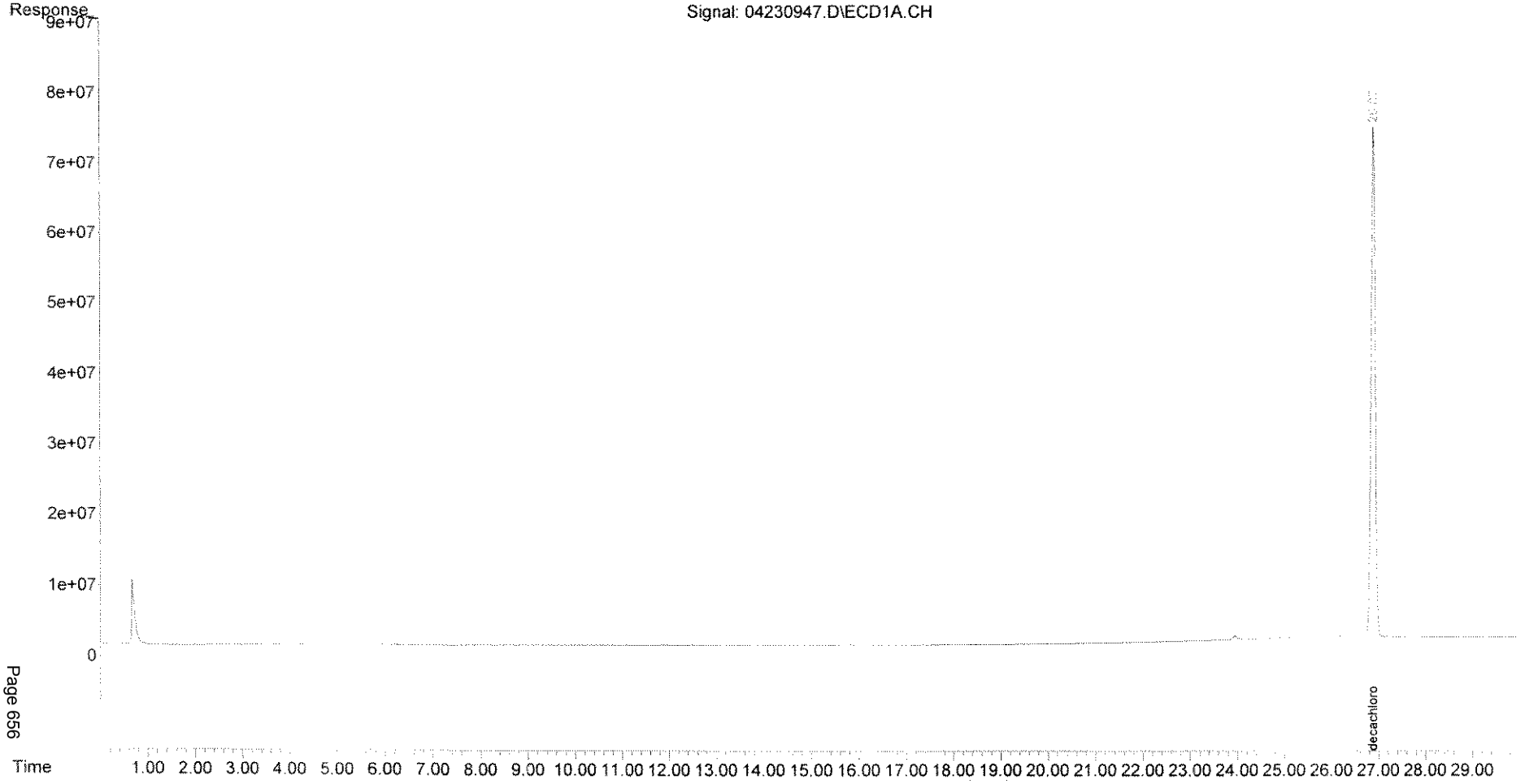
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.87f	4542968180	92.628	
Target Compounds				
2) L1 1016(1)	0.00	0	N.D.	ppb
3) L1 1016(2)	0.00	0	N.D.	ppb
4) L1 1016(3)	0.00	0	N.D.	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	0.00	0	N.D.	ppb
Sum 1016(1)		0	N.D.	ppb
Average 1016(1)			0.000	ppb
7) L2 1260(6)	0.00	0	N.D.	ppb
8) L2 1260(7)	0.00	0	N.D.	ppb
9) L2 1260(8)	0.00	0	N.D.	ppb
10) L2 1260(9)	0.00	0	N.D.	ppb
11) L2 1260(10)	0.00	0	N.D.	ppb
Sum 1260(6)		0	N.D.	ppb
Average 1260(6)			0.000	ppb

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : C:\MSDchem\1\DATA\042309f\04230947.D Vial: 47
Acq On : 24 Apr 2009 11:35 am Operator: K.B.
Sample : met bl x5k 4/23/09 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:05 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230948.D Vial: 48
Acq On : 24 Apr 2009 12:08 pm Operator: K.B.
Sample : 4.0 1260 spike nc x5k Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:38:16 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1)	S decachlorobiphenyl	26.87f	4698138814	95.792
	Target Compounds			
2)	L1 1016(1)	0.00	0	N.D. ppb
3)	L1 1016(2)	0.00	0	N.D. ppb
4)	L1 1016(3)	8.10	10388115	0.005 ppb
5)	L1 1016(4)	0.00	0	N.D. ppb
6)	L1 1016(5)	0.00	0	N.D. ppb
	Sum 1016(1)		10388115	0.005 ppb
	Average 1016(1)			0.005 ppb
7)	L2 1260(6)	16.79	442164293	0.767 ppb
8)	L2 1260(7)	17.34	524485238	0.742 ppb
9)	L2 1260(8)	21.17	388934453	0.746 ppb
10)	L2 1260(9)	21.76	862499558	0.716 ppb
11)	L2 1260(10)	23.33	425587679	0.756 ppb
	Sum 1260(6)		2643.7E6	3.727 ppb
	Average 1260(6)			0.745 ppb

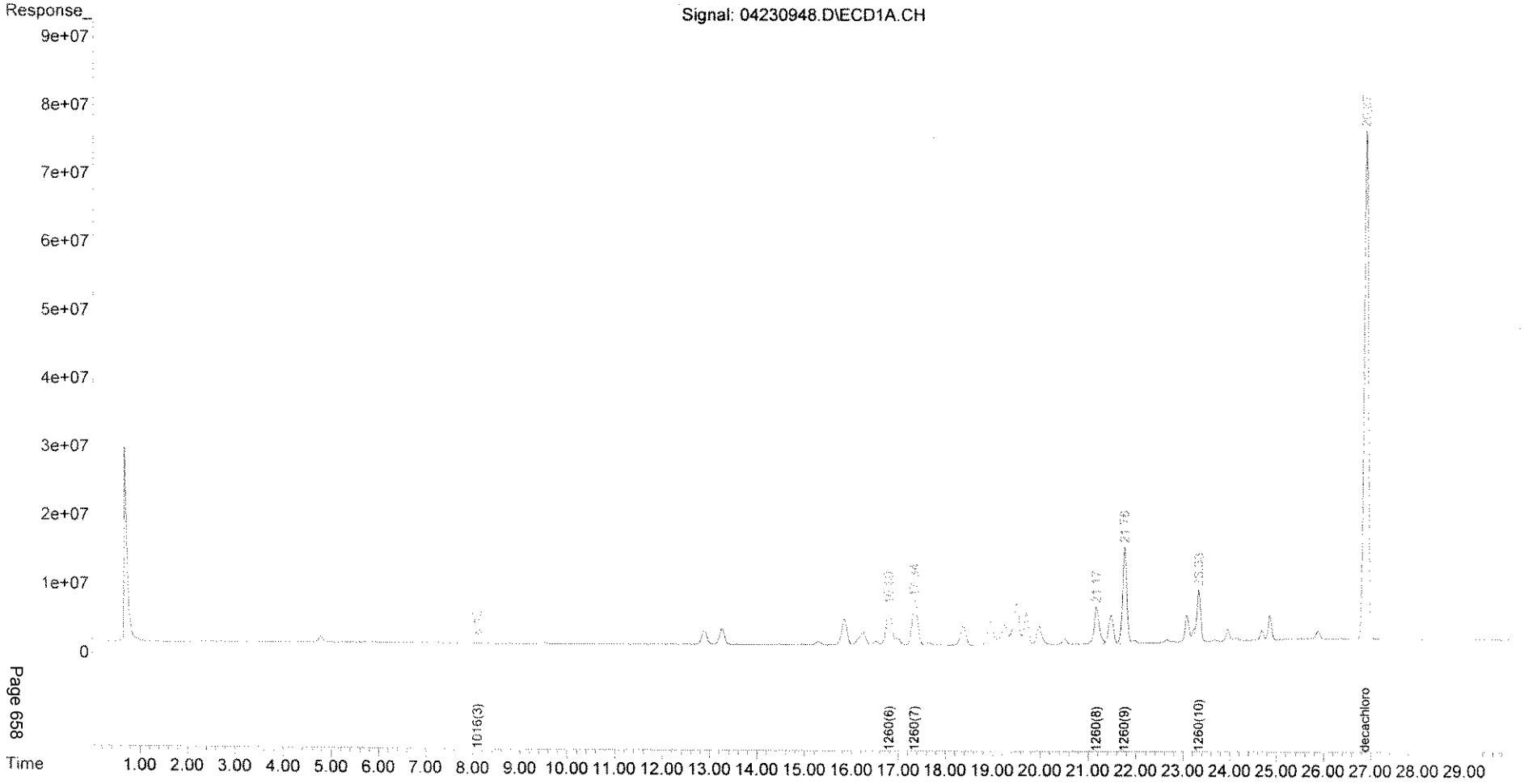
(f)=RT Delta > 1/2 Window (m)=manual int.
04230948.D PCBSF.M Fri Apr 24 12:38:17 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230948.D Vial: 48
Acq On : 24 Apr 2009 12:08 pm Operator: K.B.
Sample : 4.0 1260 spike nc x5k Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 12:38 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230949.D Vial: 49
Acq On : 24 Apr 2009 12:41 pm Operator: K.B.
Sample : 4.0 1260 dp spike nc x5k Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 13:11:32 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.88f	4648284033	94.776	
Target Compounds				
2) L1 1016(1)	5.46f	4793940	N.D.	ppb
3) L1 1016(2)	0.00	0	N.D.	ppb
4) L1 1016(3)	8.12	9289005	0.004	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	0.00	0	N.D.	ppb
Sum 1016(1)		9289005	N.D.	ppb
Average 1016(1)			-0.000	ppb
7) L2 1260(6)	16.79	433238191	0.751	ppb
8) L2 1260(7)	17.35	517293209	0.732	ppb
9) L2 1260(8)	21.17	380760159	0.730	ppb
10) L2 1260(9)	21.76	849649754	0.705	ppb
11) L2 1260(10)	23.33	494886771	0.877	ppb
Sum 1260(6)		2675.8E6	3.795	ppb
Average 1260(6)			0.759	ppb

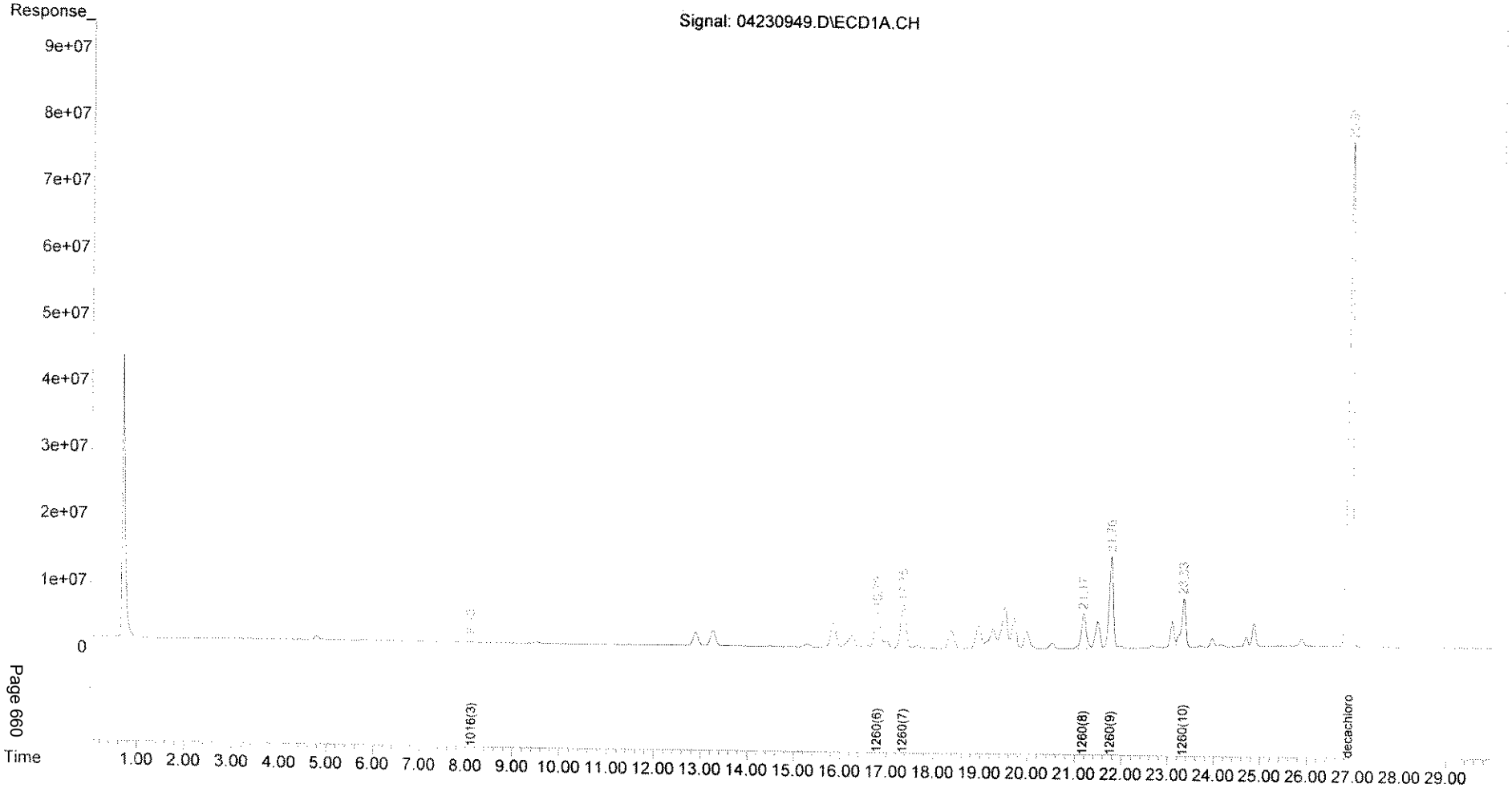
(f)=RT Delta > 1/2 Window (m)=manual int.
04230949.D PCBSF.M Fri Apr 24 13:11:33 2009

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230949.D Vial: 49
Acq On : 24 Apr 2009 12:41 pm Operator: K.B.
Sample : 4.0 1260 dp spike nc x5k Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 13:11 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230950.D Vial: 50
Acq On : 24 Apr 2009 1:14 pm Operator: K.B.
Sample : 4.0 1016 lcs nc x5k Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 13:44:33 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	26.88f	4611965080	94.035	
Target Compounds				
2) L1 1016(1)	5.28	136744868	0.720	ppb
3) L1 1016(2)	6.70	347317056	0.718	ppb
4) L1 1016(3)	8.11	686186489	0.692	ppb
5) L1 1016(4)	8.78	239899931	0.808	ppb
6) L1 1016(5)	10.94	242295249	0.723	ppb
Sum 1016(1)		1652.4E6	3.660	ppb
Average 1016(1)			0.732	ppb
7) L2 1260(6)	0.00	0	N.D.	ppb
8) L2 1260(7)	0.00	0	N.D.	ppb
9) L2 1260(8)	0.00	0	N.D.	ppb
10) L2 1260(9)	0.00	0	N.D.	ppb
11) L2 1260(10)	0.00	0	N.D.	ppb
Sum 1260(6)		0	N.D.	ppb
Average 1260(6)			0.000	ppb

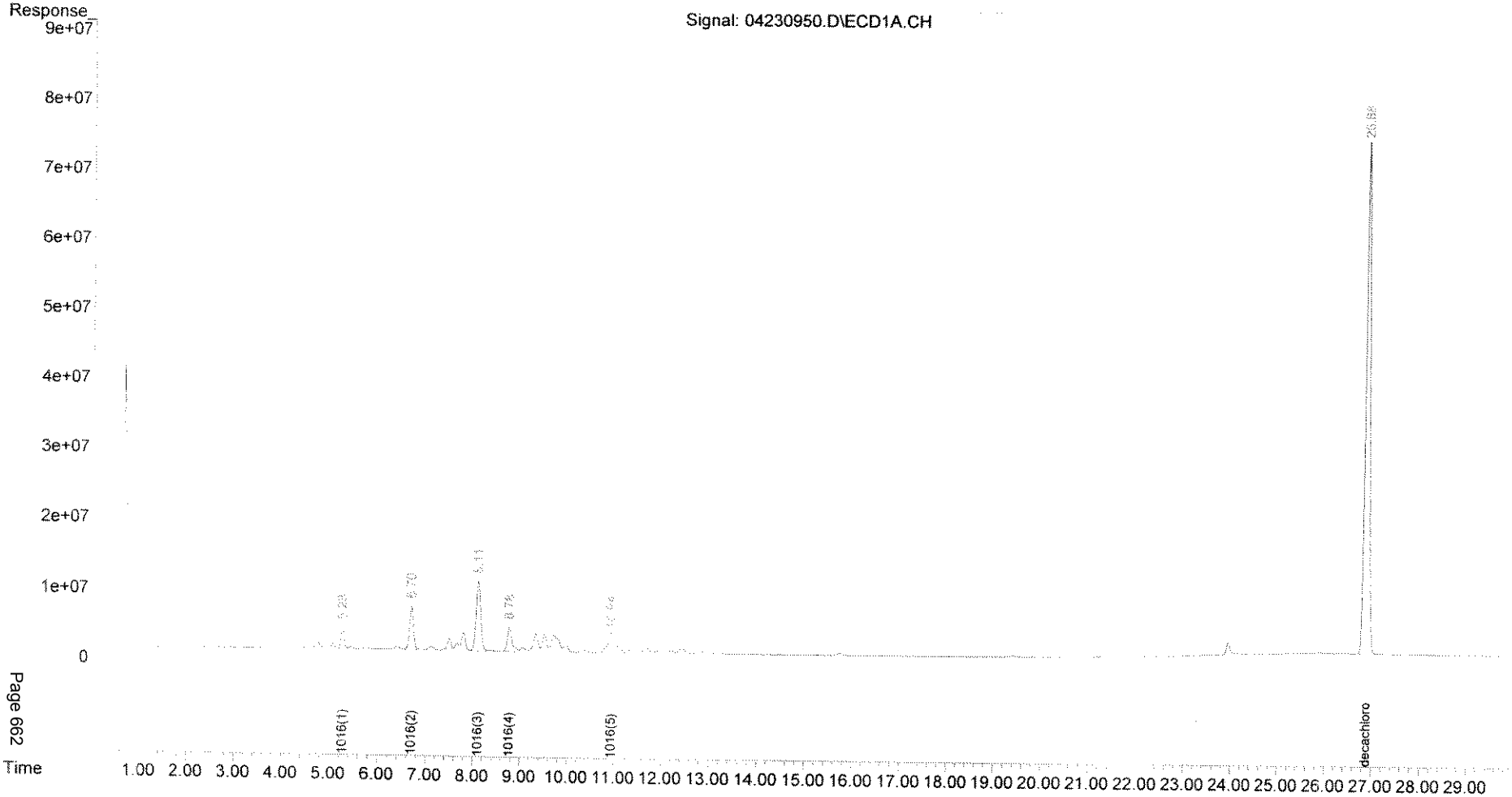
(f)=RT Delta > 1/2 Window (m)=manual int.
04230950.D PCBSF.M Fri Apr 24 13:44:34 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230950.D Vial: 50
Acq On : 24 Apr 2009 1:14 pm Operator: K.B.
Sample : 4.0 1016 lcs nc x5k Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 13:44 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230951.D Vial: 51
Acq On : 24 Apr 2009 1:47 pm Operator: K.B.
Sample : 1548 nc x5k Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 14:35:31 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1)	S decachlorobiphenyl	26.88f	4150715820	84.631
	Target Compounds			
2)	L1 1016(1)	5.30	57700980	0.286 ppb
3)	L1 1016(2)	6.73	127542889	0.250 ppb
4)	L1 1016(3)	8.14	236085975	0.234 ppb
5)	L1 1016(4)	8.80	86021761	0.276 ppb
6)	L1 1016(5)	10.97	159720375	0.468 ppb
	Sum 1016(1)		667.1E6	1.514 ppb
	Average 1016(1)			0.303 ppb
7)	L2 1260(6)	16.81	16876167684	30.454 ppb
8)	L2 1260(7)	17.36	20767549577	29.763 ppb
9)	L2 1260(8)	21.18	18184163856	34.933 ppb
10)	L2 1260(9)	21.76	45082803544	36.780 ppb
11)	L2 1260(10)	23.33	23310832258	40.677 ppb
	Sum 1260(6)		124221.5E6	172.607 ppb
	Average 1260(6)			34.521 ppb

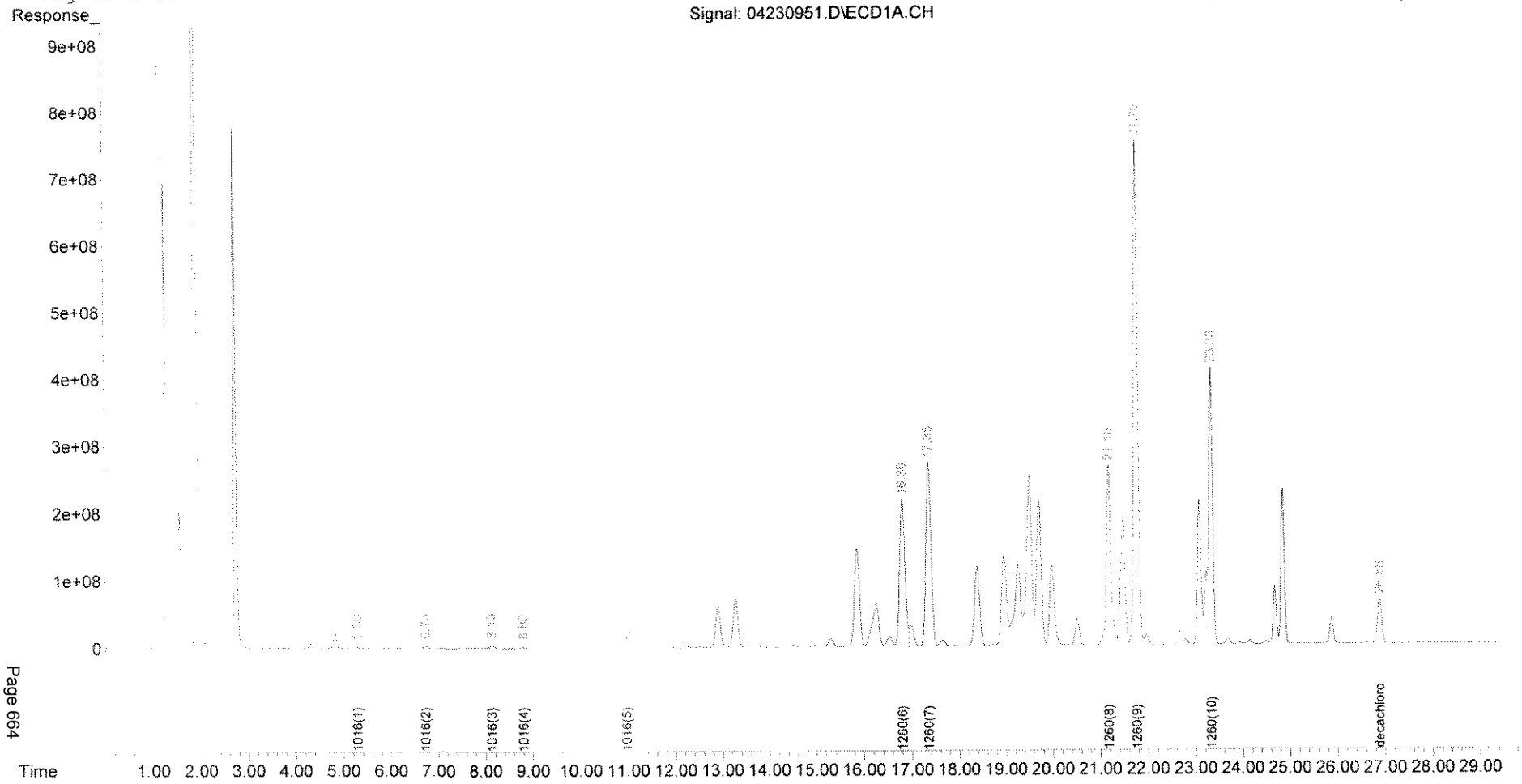
(f)=RT Delta > 1/2 Window (m)=manual int.
04230951.D PCBSF.M Fri Apr 24 14:35:31 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230951.D Vial: 51
Acq On : 24 Apr 2009 1:47 pm Operator: K.B.
Sample : 1548 nc x5k Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 14:35 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230952.D Vial: 52
Acq On : 24 Apr 2009 2:36 pm Operator: K.B.
Sample : 1248 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 15:06:40 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.29	31993568	0.145 ppb
3) L1 1016(2)	6.72	188473257	0.380 ppb
4) L1 1016(3)	8.12	464120228	0.466 ppb
5) L1 1016(4)	8.79	131117719	0.432 ppb
6) L1 1016(5)	10.95	400034958	1.209 ppb
Sum 1016(1)		1215.7E6	2.632 ppb
Average 1016(1)			0.526 ppb
7) L2 1260(6)	16.79	26217400	0.015 ppb
8) L2 1260(7)	17.35	31813674	0.036 ppb
9) L2 1260(8)	21.26	16658599	0.031 ppb
10) L2 1260(9)	21.76	19722219	0.028 ppb
11) L2 1260(10)	23.33	15053615	0.040 ppb
Sum 1260(6)		109.5E6	0.151 ppb
Average 1260(6)			0.030 ppb

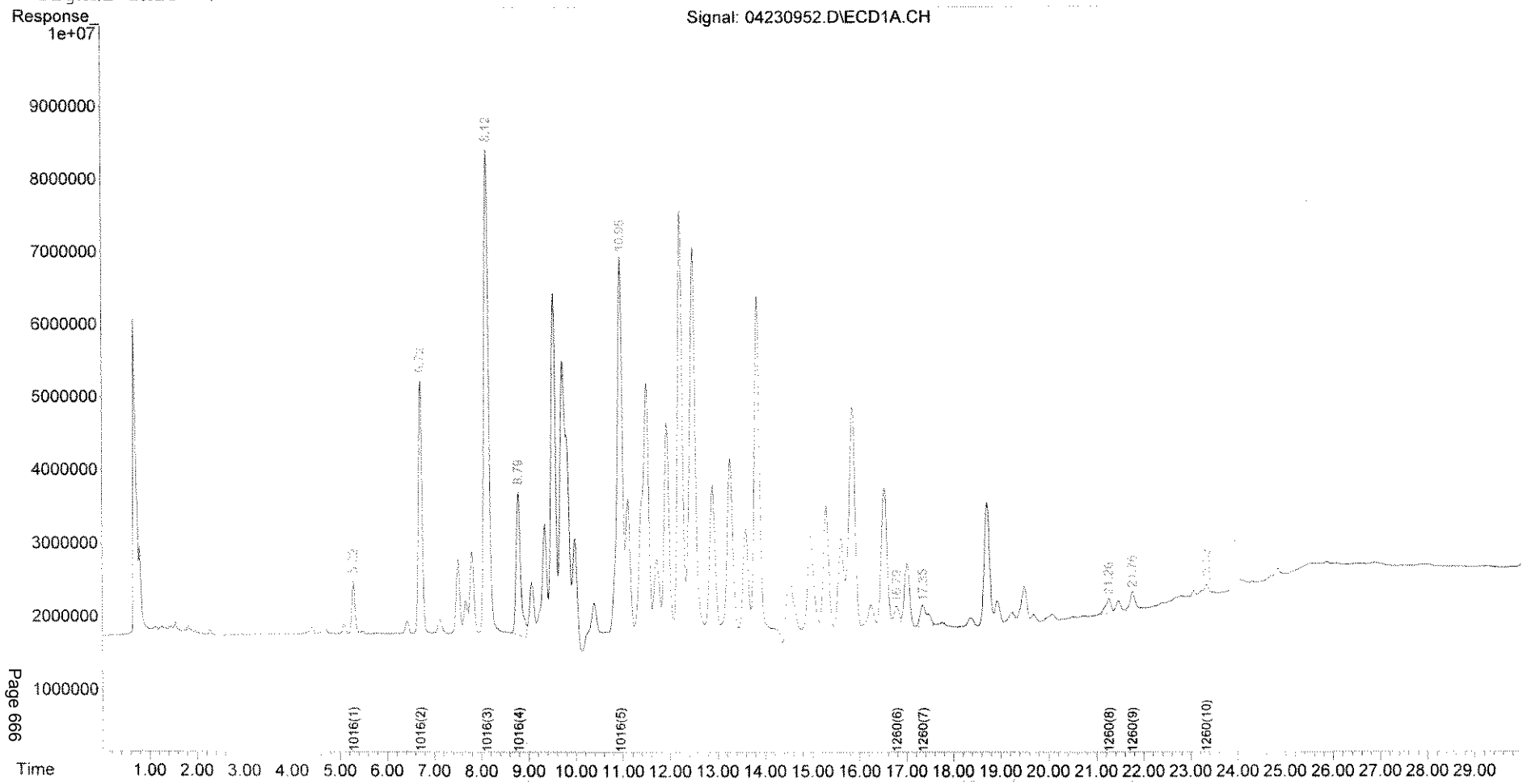
(f)=RT Delta > 1/2 Window (m)=manual int.
04230952.D PCBSF.M Fri Apr 24 15:06:40 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230952.D Vial: 52
Acq On : 24 Apr 2009 2:36 pm Operator: K.B.
Sample : 1248 ref Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 15:06 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230953.D Vial: 53
Acq On : 24 Apr 2009 3:09 pm Operator: K.B.
Sample : 1254 3.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 15:39:57 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S decachlorobiphenyl	0.00	0	N.D.	
Target Compounds				
2) L1 1016(1)	0.00	0	N.D.	ppb
3) L1 1016(2)	6.71	6511607	N.D.	ppb
4) L1 1016(3)	8.07	19118622	0.014	ppb
5) L1 1016(4)	0.00	0	N.D.	ppb
6) L1 1016(5)	10.95	81496445	0.227	ppb
Sum 1016(1)		100.6E6	0.233	ppb
Average 1016(1)			0.116	ppb
7) L2 1260(6)	16.80	184961059	0.302	ppb
8) L2 1260(7)	17.35	213060778	0.296	ppb
9) L2 1260(8)	21.27f	125269701	0.240	ppb
10) L2 1260(9)	21.77	92430990	0.088	ppb
11) L2 1260(10)	23.33	50987754	0.103	ppb
Sum 1260(6)		666.7E6	1.028	ppb
Average 1260(6)			0.206	ppb

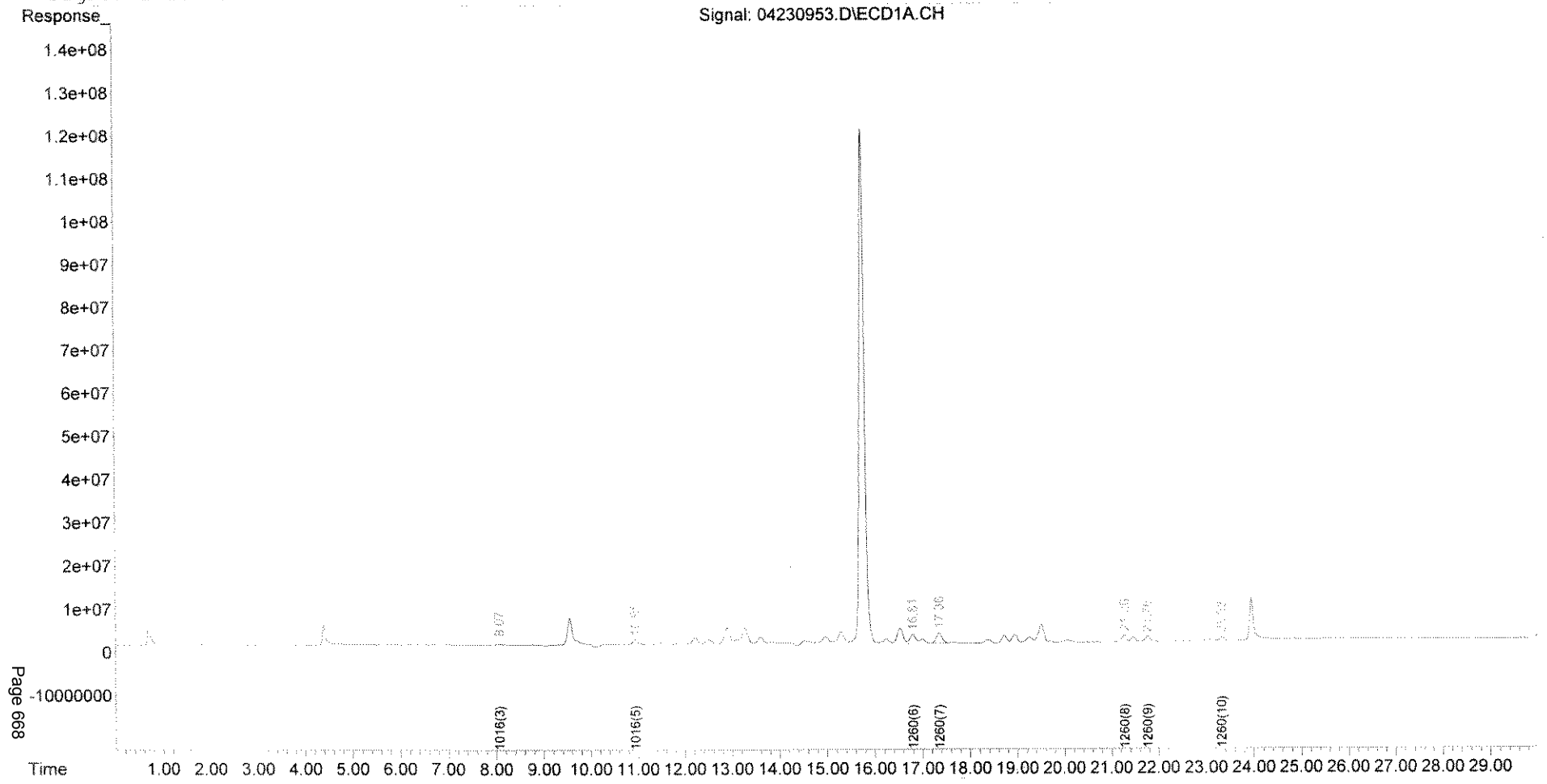
(f)=RT Delta > 1/2 Window (m)=manual int.
04230953.D PCBSF.M Fri Apr 24 15:39:57 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230953.D Vial: 53
Acq On : 24 Apr 2009 3:09 pm Operator: K.B.
Sample : 1254 3.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 15:39 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230954.D Vial: 54
Acq On : 24 Apr 2009 3:43 pm Operator: K.B.
Sample : 1232 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 16:13:03 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	26.88f	188148380	3.836
Target Compounds			
2) L1 1016(1)	5.28	36929704	0.172 ppb
3) L1 1016(2)	6.71	46535620	0.077 ppb
4) L1 1016(3)	8.12	76135152	0.072 ppb
5) L1 1016(4)	8.78	35282023	0.100 ppb
6) L1 1016(5)	10.94	36414201	0.088 ppb
Sum 1016(1)		231.3E6	0.509 ppb
Average 1016(1)			0.102 ppb
7) L2 1260(6)	0.00	0	N.D. ppb
8) L2 1260(7)	0.00	0	N.D. ppb
9) L2 1260(8)	0.00	0	N.D. ppb
10) L2 1260(9)	0.00	0	N.D. ppb
11) L2 1260(10)	0.00	0	N.D. ppb
Sum 1260(6)		0	N.D. ppb
Average 1260(6)			0.000 ppb

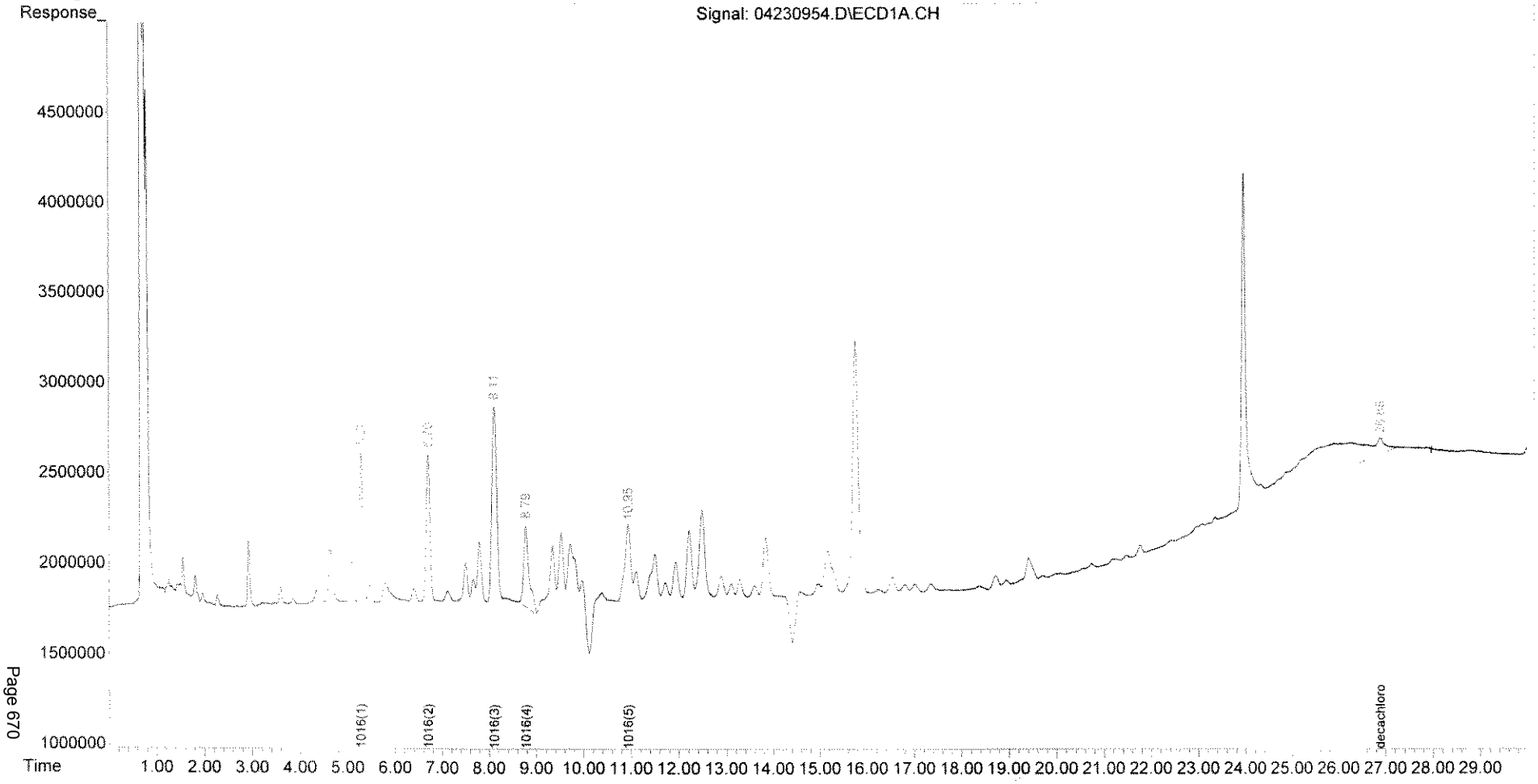
(f)=RT Delta > 1/2 Window (m)=manual int.
04230954.D PCBSF.M Fri Apr 24 16:13:03 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230954.D Vial: 54
Acq On : 24 Apr 2009 3:43 pm Operator: K.B.
Sample : 1232 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 16:13 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



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Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230955.D Vial: 55
Acq On : 24 Apr 2009 4:16 pm Operator: K.B.
Sample : 1016/1260 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 16:46:19 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Initial Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S decachlorobiphenyl	0.00	0	N.D.
Target Compounds			
2) L1 1016(1)	5.28	40805434	0.193 ppb
3) L1 1016(2)	6.71	104813227	0.201 ppb
4) L1 1016(3)	8.12	192255800	0.190 ppb
5) L1 1016(4)	8.78	70328595	0.221 ppb
6) L1 1016(5)	10.95	71688154	0.196 ppb
Sum 1016(1)		479.9E6	1.002 ppb
Average 1016(1)			0.200 ppb
7) L2 1260(6)	16.80	124268399	0.192 ppb
8) L2 1260(7)	17.35	143694440	0.196 ppb
9) L2 1260(8)	21.17	104162445	0.199 ppb
10) L2 1260(9)	21.76	224972494	0.196 ppb
11) L2 1260(10)	23.33	132552451	0.245 ppb
Sum 1260(6)		729.7E6	1.029 ppb
Average 1260(6)			0.206 ppb

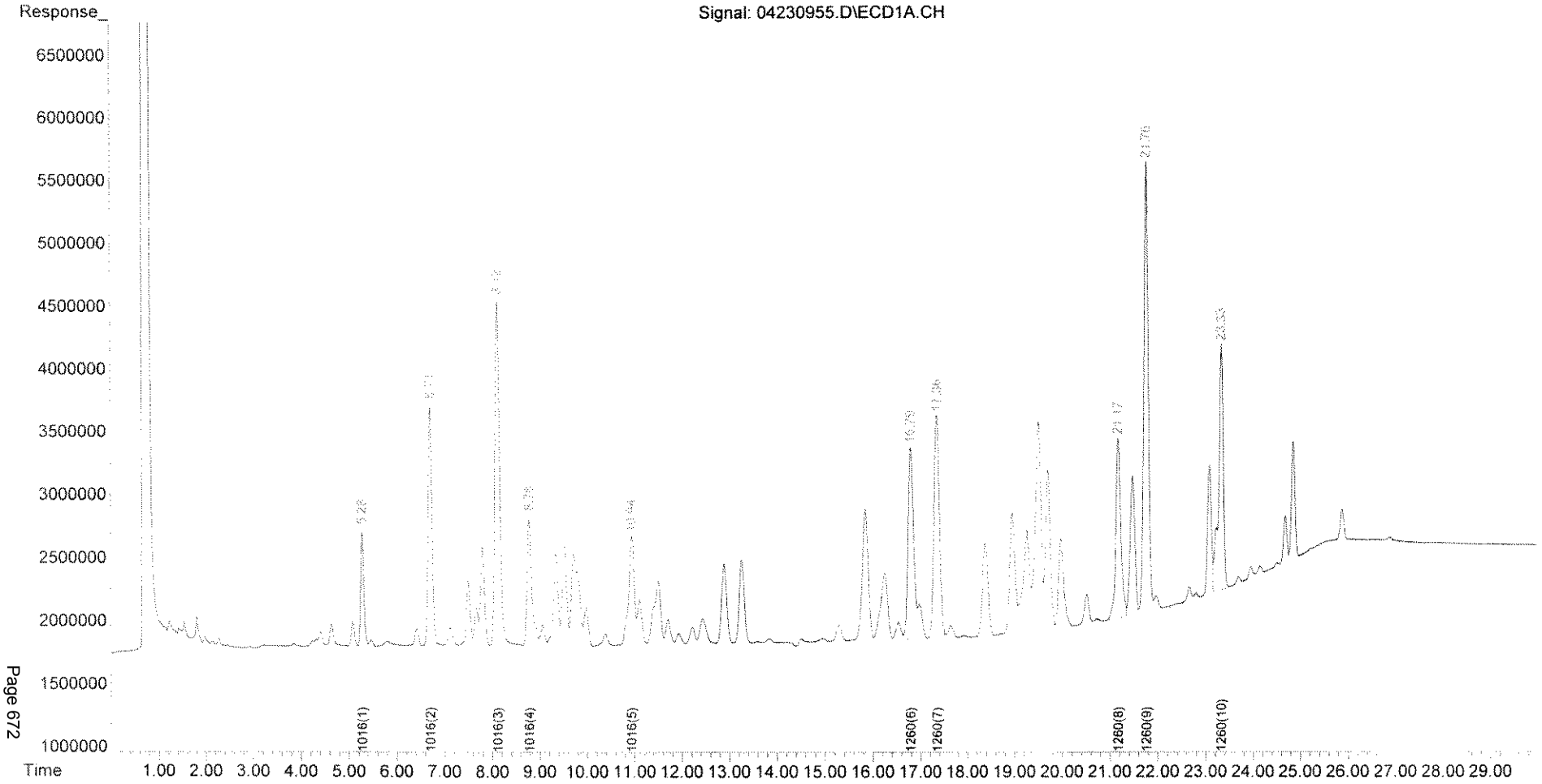
(f)=RT Delta > 1/2 Window (m)=manual int.
04230955.D PCBSF.M Fri Apr 24 16:46:20 2009 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\DATA\042309f\04230955.D Vial: 55
Acq On : 24 Apr 2009 4:16 pm Operator: K.B.
Sample : 1016/1260 1.0 Inst : gc7
Misc : Multiplr: 1.00
IntFile : EVENTS3.E
Quant Time: Apr 24 16:46 2009 Quant Results File: PCBSF.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCBSF.M (Chemstation Integrator)
Title :
Last Update : Mon Oct 27 10:19:31 2008
Response via : Single Level Calibration
DataAcq Meth : PCBSF.M

Volume Inj. :
Signal Phase :
Signal Info :



METALS QC DELIVERABLES

CONFORMANCE / NON-CONFORMANCE SUMMARY

Metals

QC Package for Sample Batch 291490.01-.04

< QC criteria were met for the following unless otherwise stated :

* Method Blank
* Duplicate RPD
* Spike % Recoveries
* Reference Sample
* Holding Time (SW846)
* Laboratory Control Standard
* Interference Check Standard

NYSDEC - ASP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490

Initial Calibration Source: High Purity

Continuing Calibration Source: High Purity

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	TRUE	Found	%R	TRUE	Found	%R(1)	Found	%R(1)	M
Aluminium	500.0	492.00	98.4	500.0	492.00	98.4	494.00	98.8	P
Antimony	500.0	505.00	101.0	500.0	514.00	102.8	512.00	102.4	P
Arsenic	500.0	506.00	101.2	500.0	506.00	101.2	504.00	100.8	P
Barium	500.0	515.00	103.0	500.0	536.00	107.2	535.00	107.0	P
Beryllium	500.0	501.00	100.2	500.0	499.00	99.8	499.00	99.8	P
Cadmium	500.0	503.00	100.6	500.0	507.00	101.4	505.00	101.0	P
Calcium	5000.0	5030.00	100.6	500.0	512.00	102.4	514.00	102.8	P
Chromium	500.0	506.00	101.2	500.0	509.00	101.8	508.00	101.6	P
Cobalt	500.0	507.00	101.4	500.0	510.00	102.0	510.00	102.0	P
Copper	500.0	506.90	101.4	500.0	509.00	101.8	518.80	103.8	P
Iron	500.0	504.00	100.8	500.0	509.00	101.8	508.00	101.6	P
Lead	500.0	500.00	100.0	500.0	501.00	100.2	502.00	100.4	P
Magnesium	5000.0	5100.00	102.0	500.0	492.00	98.4	497.00	99.4	P
Manganese	500.0	502.00	100.4	500.0	512.00	102.4	511.00	102.2	P
Mercury	5.0	5.25	105.0	3.0	3.32	110.6	3.14	104.8	AV
Nickel	500.0	497.00	99.4	500.0	492.00	98.4	492.00	98.4	P
Potassium	5000.0	5140.00	102.8	5000.0	5260.00	105.2	5400.00	108.0	P
Selenium	500.0	490.00	98.0	500.0	492.00	98.4	495.00	99.0	F
Silver	100.0	98.00	98.0	100.0	94.00	94.0	95.00	95.0	P
Sodium	5000.0	5200.00	104.0	5000.0	5370.00	107.4	5820.00	116.4	P
Thallium	500.0	503.00	100.6	500.0	509.00	101.8	494.00	98.8	P
Vanadium	500.0	505.00	101.0	500.0	513.00	102.6	512.00	102.4	P
Zinc	500.0	505.00	101.0	500.0	509.00	101.8	508.00	101.6	P
Cyanide									

(1) Control Limits: Mercury 80-120: Other Metals 90-110: Cyanide 85-115

NYSDEC - ASP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490

Initial Calibration Source: High Purity

Continuing Calibration Source: High Purity

Concentration Units: ug/L

Analyte	Initial Calibration TRUE	Found	%R	Continuing Calibration TRUE	Found	%R(1)	Found	%R(1)	M
Aluninium									P
Antimony									P
Arsenic									P
Barium									P
Beryllium									P
Cadmium									P
Calcium									P
Chromium									P
Cobalt									P
Copper									P
Iron									P
Lead									P
Magnesium									P
Manganese									P
Mercury				3.0	3.21	106.9	2.99	99.6	AV
Nickel									P
Potassium									P
Selenium									F
Silver									P
Sodium									P
Thallium									P
Vanadium									P
Zinc									P
Cyanide									

(1) Control Limits: Mercury 80-120: Other Metals 90-110: Cyanide 85-115

NYSDEC - ASP
2B
CRDL STANDARDS FOR AA AND ICP

Lab Name : EcoTest Laboratories Contract :

Lab Code : Case No. : SAS No. : SDG No. : 291490

ICP CRDL Standard Source : High Purity
AA CRDL Standard Source : SCP

Concentration Units : ug/L

	Initial Calibration			Continuing Calibration				
					Initial			
Analyte	TRUE	Found	% R	TRUE	Found	% R	Found	% R
Aluminum	10	12.80	128.0					
Antimony	5	3.20	64.0					
Arsenic	5	5.60	112.0					
Barium	5	5.10	102.0					
Beryllium	5	4.70	94.0					
Cadmium	5	4.70	94.0					
Calcium	500	519.00	103.8					
Chromium	5	5.00	100.0					
Cobalt	5	5.10	102.0					
Copper	10	6.90	69.0					
Iron	10	13.40	134.0					
Lead	5	3.70	74.0					
Magnesium	5	5.70	114.0					
Manganese	10	10.20	102.0					
Mercury	0.25	0.25	99.2					
Nickel	10	10.90	109.0					
Potassium	1000	894.00	89.4					
Selenium	10	9.70	97.0					
Silver	1	1.00	100.0					
Sodium	1000	983.00	98.3					
Thallium	5	2.00	40.0					
Vanadium	5	5.00	100.0					
Zinc	10	10.90	109.0					
Cyanide								

Control Limits : no limits have been established by NYSDEC or EPA at this time

FORM II (PART 2) - IN

NYSDEC - ASP
3
BLANKS

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490

Preparation Blank Matrix (soil/water): water

Preparation Blank Concentration Units (ug/L or mg/Kg): ug/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	10.0	U	10.0	U	10.0	U			10.000	U	P
Antimony	5.0	U	5.0	U	-6.0	B			5.000	U	P
Arsenic	5.0	U	5.0	U	5.0	U			5.000	U	P
Barium	5.0	U	5.0	U	5.0	U			5.000	U	P
Beryllium	1.0	U	1.0	U	1.0	U			1.000	U	P
Cadmium	5.0	U	5.0	U	5.0	U			5.000	U	P
Calcium	200.0	U	200.0	U	200.0	U			200.000	U	P
Chromium	5.0	U	5.0	U	5.0	U			5.000	U	P
Cobalt	5.0	U	5.0	U	5.0	U			5.000	U	P
Copper	10.0	U	10.0	U	10.0	U			10.000	U	P
Iron	10.0	U	10.0	U	10.0	U			10.000	U	P
Lead	5.0	U	5.0	U	5.0	U			5.000	U	P
Magnesium	5.0	U	5.0	U	5.0	U			5.000	U	P
Manganese	10.0	U	10.0	U	10.0	U			10.000	U	P
Mercury	0.3	U	0.3	U	0.3	U	0.3	U	0.250	U	AV
Nickel	10.0	U	10.0	U	10.0	U			10.000	U	P
Potassium	1000.0	U	1000.0	U	1000.0	U			1000.000	U	P
Selenium	10.0	U	10.0	U	10.0	U			10.000	U	P
Silver	5.0	U	5.0	U	5.0	U			5.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U			1000.000	U	P
Thallium	5.0	U	5.0	U	5.0	U			5.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U			5.000	U	P
Zinc	10.0	U	10.0	U	10.0	U			16.700	B	P
Cyanide											

FORM III - IN

NYSDEC - ASP
3
BLANKS

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490

Preparation Blank Matrix (soil/water): water

Preparation Blank Concentration Units (ug/L or mg/Kg): ug/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											P
Antimony											P
Arsenic											P
Barium											P
Beryllium											P
Cadmium											P
Calcium											P
Chromium											P
Cobalt											P
Copper											P
Iron											P
Lead											P
Magnesium											P
Manganese											P
Mercury			0.3	U	0.3	U					AV
Nickel											P
Potassium											P
Selenium											P
Silver											P
Sodium											P
Thallium											P
Vanadium											P
Zinc											P
Cyanide											

FORM III - IN

NYSDEC - ASP
4
ICP INTERFERENCE CHECK SAMPLE

Lab Name : Contract :

Lab Code : Case No. : SAS No. : SDG No. : 291490

ICP ID Number : PE3300XL ICS Source : CPI

Concentration Units : ug/L

Analyte	TRUE Sol. A	TRUE Sol. B	Initial Found Sol. B	Initial Found Sol. AB	Initial Found % R	Final Found Sol. A	Final Found Sol. AB	Final Found % R
Aluminum	500000			519000	103.8			
Antimony								
Arsenic								
Barium		500	527	568	113.6			
Beryllium		500	492	493	98.6			
Cadmium		1000	1020	918	91.8			
Calcium	500000			475000	95.0			
Chromium		500	512	485	97.0			
Cobalt		500	498	448	89.6			
Copper		500	512	560.1	112.0			
Iron	200000			189000	94.5			
Lead		1000	1010	861	86.1			
Magnesium	500000			493000	98.6			
Manganese		500	513	502	100.4			
Mercury								
Nickel		1000	986	845	84.5			
Potassium								
Selenium								
Silver		1000	939	917	91.7			
Sodium								
Thallium								
Vanadium		500	521	485	97.0			
Zinc		1000	1020	1050	105.0			

FORM IV - IN

NYSDEC - ASP

5A
SPIKE SAMPLE RECOVERY

NYSDEC SAMPLE NO.

Lab Name: ECOTEST LABORATORY Contract:_____

Lab Code:_____ Case No.:_____ SAS No.:_____ SDG No.: 291490

Matrix (soil/water): water Level (low/med): Low

% Solids for Sample:

Concentration Units (ug/L or mg/Kg wet weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	402.0000		2.0000		400.00	100.0		P
Antimony	75-125	218.0000		-4.3000		200.00	111.2		P
Arsenic	75-125	219.0000		1.2000		200.00	108.9		P
Barium	75-125	450.0000		-0.2000		500.00	90.0		P
Beryllium	75-125	10.2000		-0.5000		10.00	107.0		P
Cadmium	75-125	107.0000		-0.6000		100.00	107.6		P
Calcium	75-125	1160.0000		31.5000		1000.00	112.9		P
Chromium	75-125	44.0000		-0.4000		50.00	88.8		P
Cobalt	75-125	106.0000		0.2000		100.00	105.8		P
Copper	75-125	50.7000		-4.9000		50.00	111.2		P
Iron	75-125	262.0000		5.8000		250.00	102.5		P
Lead	75-125	209.0000		-2.5000		200.00	105.8		P
Magnesium	75-125	1040.0000		-3.8000		1000.00	104.4		P
Manganese	75-125	109.0000		0.2000		100.00	108.8		P
Mercury	75-125	4.3190		-0.0110		4.00	108.3		P
Nickel	75-125	109.0000		4.4000		100.00	104.6		AV
Potassium		1030.0000		-12.5000		1000.00	104.3		P
Selenium	75-125	210.0000		-3.0000		200.00	106.5		P
Silver	75-125	50.0000		0.0000		50.00	100.0		P
Sodium		893.0000		-2.9400		1000.00	89.6		P
Thallium	75-125	208.0000		-1.4000		200.00	104.7		P
Vanadium	75-125	110.0000		-0.2000		100.00	110.2		P
Zinc	75-125	117.0000		16.7000		100.00	100.3		P
Cyanide									" "

Comments:

_____

_____

_____

_____

NYSDEC - ASP
6
DUPLICATES

NYSDEC SAMPLE NO.

Lab Name: ECOTEST LABORATORY Contract: _____

Lab Code: _____ Case No : _____ SAS No.: _____ SDG No.: 291490

Martix (soil/water) : water Level (low/med):

% Solids for Sample: % Solids for Duplicate:

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		502.0000		494.0000		1.6		P
Antimony		505.0000		512.0000		1.4		P
Arsenic		506.0000		504.0000		0.4		P
Barium		515.0000		535.0000		3.8		P
Beryllium		501.0000		499.0000		0.0		P
Cadmium		503.0000		505.0000		0.0		P
Calcium		519.0000		514.0000		1.0		P
Chromium		506.0000		508.0000		0.4		P
Cobalt		507.0000		510.0000		0.6		P
Copper		506.9000		518.8000		2.3		P
Iron		504.0000		508.0000		0.8		P
Lead		500.0000		502.0000		0.4		P
Magnesium		491.0000		497.0000		1.2		P
Manganese		502.0000		511.0000		1.8		P
Mercury		1.9500		2.1900		11.6		AV
Nickel		497.0000		492.0000		1.0		P
Potassium		5140.0000		5400.0000		4.9		P
Selenium		490.0000		495.0000		1.0		P
Silver		98.0000		95.0000		3.1		P
Sodium		5200.0000		5820.0000		11.3		P
Thallium		503.0000		494.0000		1.8		P
Vanadium		505.0000		512.0000		1.4		P
Zinc		505.0000		508.0000		0.6		P
Cyanide								" "

FORM VI - IN

NYSDEC - ASP
7
LABORATORY CONTROL SAMPLE

Lab Name: ECOTEST LABORATORY Contract: _____

Lab Code: _____ Case Code: _____ SAS No.: _____ SDG No.: 291490

ICP ID Number: PE3300XL
Hg ID Number : PEFIMS100

LCS Source: CPI
LCS Source: SCP Science

Concentration Units: ug/L

	Aqueous (ug/L)			Solid (mg/Kg)					
Analyte	TRUE	Found	%R	TRUE	Found	C	Limits		%R
Aluminium	100.0	99.00	99.0						
Antimony	100.0	89.20	89.2						
Arsenic	100.0	109.00	109.0						
Barium	100.0	107.00	107.0						
Beryllium	100.0	104.00	104.0						
Cadmium	100.0	103.00	103.0						
Calcium	9790.0	9550.00	97.5						
Chromium	100.0	105.00	105.0						
Cobalt	100.0	101.00	101.0						
Copper	100.0	97.80	97.8						
Iron	100.0	104.00	104.0						
Lead	100.0	102.00	102.0						
Magnesium	3040.0	2920.00	96.1						
Manganese	100.0	104.00	104.0						
Mercury	4.0	3.75	93.8						
Nickel	100.0	101.00	101.0						
Potassium	2290.0	2670.00	116.6						
Selenium	100.0	102.00	102.0						
Silver	100.0	99.00	99.0						
Sodium	8080.0	8490.00	105.1						
Thallium	100.0	101.00	101.0						
Vanadium	100.0	105.00	105.0						
Zinc	100.0	107.00	107.0						
Cyanide									

FORM VII - IN

NYSDEC - ASP
13
PREPARATION LOG

Lab Name: ECOTEST LABORITORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490

Method: P

NYSDEC Sample No.	Preparation Date	Weight (gram)	Volume (mg/L)
ww blk	04/20/09		50
LFB	04/20/09		50
291490.01	04/20/09		50
291490.03	04/20/09		50

Comments:

FORM XIII - IN

B-186

NYSDEC - ASP
13
PREPARATION LOG

Lab Name: ECOTEST LABORITORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291489

Method: AV

NYSDEC Sample No.	Preparation Date	Weight (gram)	Volume (mg/L)
ww blk	04/20/09		25
LFB	04/20/09		25
291490.01	04/20/09		25
291490.02	04/20/09		25
291490.03	04/20/09		25
291490.04	04/20/09		25

Comments:

FORM XIII - IN

B-186

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490

Instrument ID Number: PE3300XL Method: EPA 200.7

Start Date : 04/24/09 End Date: 04/24/09

NYSDEC Sample No.	D/F	Time	%R	Analytes																									
				Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Hg	Ni	K	Se	Ag	Na	Tl	V	Zn	CN			
Calib Blk				X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X		X	X	X	X	X				
Std 1					X	X	X	X	X		X	X	X	X	X		X		X			X		X	X	X				
Std 2										X						X													
Std 3																				X			X						
Std 4				X						X				X									X						
Std 5																													
Std 6																													
LCS 1				X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ICVS 1				X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
ICVS 2										X						X													
ICVS 3																				X			X						
CCB				X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
0.005 Irl					X	X	X	X	X		X	X			X	X						X		X	X				
0.010 Irl				X									X	X			X		X		X					X			
1.00 Irl																													
ww 4/20				X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
LFBw 5/20	5			X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCVS 3																				X			X						
CCVS 1				X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
CCB																													
1490.01	200																			X			X						
1490.02	200																			X			X						
1490.03	200																			X			X						
1490.04	200																			X			X						
1490.01	20									X						X													
1490.02	20									X						X													
1490.03	20									X						X													
1490.04	20									X						X													
1490.01	2			X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
1490.02	2			X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
1490.03	2			X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
1490.04	2			X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
CCVS 3																				X			X						
CCVS 1				X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
CCB				X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ICS B							X	X	X		X	X	X		X		X		X			X			X	X				
ICS AB				X			X	X	X	X	X	X	X	X	X	X	X		X			X			X	X				
20ppm				X		X			X	X	X	X	X	X	X	X	X		X		X			X	X	X				

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490

Instrument ID Number: PEFIMS100 Method: EPA 245.2

Start Date : 04/21/09 End Date: 04/21/09

NYSDEC Sample No.	D/F	Time	%R	Analytes																							
				Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Hg	Ni	K	Se	Ag	Na	Tl	V	Zn	CN
Calib Blk																					X						
0.25 std																					X						
0.50 std																					X						
1.00 std																					X						
3.00 std																					X						
5.00 std																					X						
8.00 std																											
Blank																					X						
QC 4.0																					X						
ICVS 5.0																											
ICVS 5.0																					X						
LFB 4.0																					X						
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
Blank																					X						
CCVS 3.0																											
CCVS 3.0																					X						
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
Blank																					X						
CCVS 3.0																					X						
zzzzzz																											

FORM XIV - IN

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 291490

Instrument ID Number: PEFIMS100

Method: EPA 245.2

Start Date : 04/21/09

End Date: 04/21/09

				Analytes																							
NYSDEC Sample No.	D/F	Time	%R	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Hg	Ni	K	Se	Ag	Na	Tl	V	Zn	CN
zzzzzz																											
zzzzzz																											
Blank																		X									
CCVS 3.0																		X									
zzzzzz																											
zzzzzz																											
zzzzzz																											
1490.01																		X									
1490.02																		X									
1490.03																		X									
1490.04																		X									
zzzzzz																											
zzzzzz																											
zzzzzz																											
Blank																		X									
CCVS 3.0																		X									
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
Blank																											
QC 4.0																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490

Instrument ID Number: PEFIMS100 Method: EPA 245.2

Start Date : 04/21/09 End Date: 04/21/09

NYSDEC Sample No.	D/F	Time	%R	Analytes																							
				Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Hg	Ni	K	Se	Ag	Na	Tl	V	Zn	CN
Blank																		X									
QC 4.0																		X									
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
CCVS 3.0																		X									
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
zzzzzz																											
Blank																		X									
QC 4.0																		X									
CCVS 3.0																		X									

EPA 200.7

04/24/09

Mean Data

ID: Calib Blank 1 Seq. No.: 15 A/S Pos: 7

Sample Qty: g Prep. Vol.: Dilution: : Date: 2009/04/24 11:42:18

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,664,569.7	[0.00]	28,538.24	mg/L				1.07 %
Y 324.227	1,569,237.8	[0.00]	16,069.71	mg/L				1.02 %
Sc 361.383	4,177,900.0	[0.00]	62,443.50	mg/L				1.49 %
Sc 357.253	2,931,112.4	[0.00]	39,541.62	mg/L				1.35 %
Ag 328.068	-1,205.0	[0.00]	16.47	mg/L				1.37 %
Al 308.215	8,904.6	[0.00]	110.85	mg/L				1.24 %
Al 396.153	260.5	[0.00]	43.61	mg/L				16.74 %
As 188.979	-4.9	[0.00]	1.02	mg/L				20.56 %
Ba 493.408	3,067.1	[0.00]	293.65	mg/L				9.57 %
Be 313.107	-14,324.5	[0.00]	239.61	mg/L				1.67 %
Ca 317.933	36,739.3	[0.00]	402.62	mg/L				1.10 %
Ca 315.887	4,115.1	[0.00]	212.13	mg/L				5.15 %
Cd 214.440	304.3	[0.00]	3.85	mg/L				1.26 %
Co 228.616	-66.1	[0.00]	4.43	mg/L				6.69 %
Fe 238.204	550.1	[0.00]	12.53	mg/L				2.28 %
Fe 238.863	-174.3	[0.00]	5.19	mg/L				2.98 %
Mg 279.077	1,008.2	[0.00]	7.51	mg/L				0.74 %
Mn 257.610	420.7	[0.00]	6.79	mg/L				1.61 %
Mo 202.031	34.3	[0.00]	0.53	mg/L				1.54 %
Na 330.237	1,009.0	[0.00]	31.55	mg/L				3.13 %
Pb 220.353	-46.6	[0.00]	11.55	mg/L				24.78 %

Sb 206.836	57.9	[0.00]	7.93	mg/L		13.69 %
Se 196.026	-13.1	[0.00]	4.47	mg/L		34.16 %
Tl 190.801	-16.5	[0.00]	0.46	mg/L		2.79 %
V 292.402	-229.9	[0.00]	12.82	mg/L		5.58 %
Zn 213.857	380.1	[0.00]	8.68	mg/L		2.28 %
Cr 267.716	1,074.9	[0.00]	21.32	mg/L		1.98 %
Cu 324.752	6,285.5	[0.00]	195.60	mg/L		3.11 %
Ni 227.022	174.6	[0.00]	7.30	mg/L		4.18 %
K 766.490	2,631.7	[0.00]	170.74	mg/L		6.49 %
Na 589.592	34,563.0	[0.00]	555.08	mg/L		1.61 %

Mean Data

ID: Calib Std 1 **Seq. No.:** 16 **A/S Pos:** 3

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 11:47:20

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,641,610.1	0.991	6,177.63	mg/L				0.23 %
Y 324.227	1,557,393.8	0.992	3,914.49	mg/L				0.25 %
Sc 361.383	4,129,457.3	0.988	12,595.63	mg/L				0.31 %
Sc 357.253	2,903,006.8	0.990	6,992.94	mg/L				0.24 %
Ag 328.068	21,705.7	[0.100]	342.02	mg/L				1.58 %
Al 396.153	57,378.5	[0.500]	722.57	mg/L				1.26 %
As 188.979	324.9	[0.500]	1.59	mg/L				0.49 %
Ba 493.408	2,364,071.0	[0.500]	7,650.04	mg/L				0.32 %
Be 313.107	2,972,992.9	[0.500]	12,595.86	mg/L				0.42 %
Cd 214.440	45,557.4	[0.500]	476.31	mg/L				1.05 %
Co 228.616	11,917.0	[0.500]	134.16	mg/L				1.13 %

Fe 238.204	44,743.5	[0.500]	519.20	mg/L	1.16 %
Mn 257.610	291,804.4	[0.500]	3,425.33	mg/L	1.17 %
Mo 202.031	6,428.5	[0.500]	31.89	mg/L	0.50 %
Pb 220.353	4,646.5	[0.500]	55.95	mg/L	1.20 %
Sb 206.836	793.8	[0.500]	4.83	mg/L	0.61 %
Se 196.026	379.8	[0.500]	2.16	mg/L	0.57 %
Tl 190.801	429.0	[0.500]	2.73	mg/L	0.64 %
V 292.402	148,374.4	[0.500]	1,717.47	mg/L	1.16 %
Zn 213.857	28,099.1	[0.500]	221.29	mg/L	0.79 %
Cr 267.716	97,258.6	[0.500]	1,133.70	mg/L	1.17 %
Cu 324.752	200,035.2	[0.500]	1,531.13	mg/L	0.77 %
Ni 227.022	6,980.7	[0.500]	98.37	mg/L	1.41 %

Mean Data
ID: Calib Std 2 Seq. No.: 17 A/S Pos: 4

Date: 2009/04/24 11:51:35

Sample Qty: / Analyte	g / Corr. Intensity	Prep. Vol.: / Conc (Calib)	Dilution: / Std. Dev.	Calib Units	: / Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,641,614.3	0.991	6,820.75	mg/L				0.26 %
Y 324.227	1,559,900.0	0.994	4,254.20	mg/L				0.27 %
Sc 361.383	4,133,316.0	0.989	15,192.85	mg/L				0.37 %
Sc 357.253	2,911,785.2	0.993	12,009.97	mg/L				0.41 %
Ca 317.933	1,152,304.1	[5.00]	1,873.78	mg/L				0.16 %
Mg 279.077	105,560.0	[5.00]	156.96	mg/L				0.15 %

Mean Data
ID: Calib Std 3 Seq. No.: 18 A/S Pos: 5

Date: 2009/04/24 11:55:29

Sample Qty: / Analyte	g / Corr. Intensity	Prep. Vol.: / Conc (Calib)	Dilution: / Std. Dev.	Calib Units	: / Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,676,241.9	1.00	31,489.28	mg/L				1.18 %

Y 324.227	1,581,906.3	1.01	18,276.57	mg/L		1.16 %
Sc 361.383	4,210,163.5	1.01	64,405.75	mg/L		1.53 %
Sc 357.253	2,968,517.1	1.01	44,644.09	mg/L		1.50 %
Na 330.237	4,298.2	[5.00]	88.09	mg/L		2.05 %
K 766.490	1,015,885.5	[5.00]	12,533.84	mg/L		1.23 %
Na 589.592	2,067,671.3	[5.00]	20,724.08	mg/L		1.00 %

Mean Data

ID: Calib Std 4 **Seq. No.:** 19 **A/S Pos:** 6

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 11:59:37

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,533,769.8	0.951	32,524.30	mg/L				1.28 %
Y 324.227	1,518,641.6	0.968	1,505.24	mg/L				0.10 %
Sc 361.383	4,007,639.9	0.959	33,657.66	mg/L				0.84 %
Sc 357.253	2,847,526.6	0.971	11,086.11	mg/L				0.39 %
Al 308.215	3,331,016.6	[100.00]	47,301.03	mg/L				1.42 %
Ca 315.887	13,234,464.0	[100.00]	221,776.04	mg/L				1.68 %
Fe 238.863	2,636,774.8	[100.00]	39,119.27	mg/L				1.48 %
Na 330.237	117,405.2	[100.00]	1,547.21	mg/L				1.32 %

Mean Data

ID: Calib Std 5 **Seq. No.:** 20 **A/S Pos:** 8

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 12:03:42

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,666,420.4	1.00	8,684.70	mg/L				0.33 %
Y 324.227	1,579,528.0	1.01	6,031.93	mg/L				0.38 %
Sc 361.383	4,161,226.9	0.996	11,071.70	mg/L				0.27 %
Sc 357.253	2,949,794.5	1.01	12,409.10	mg/L				0.42 %

Mean Data

ID: Calib Std 6 Seq. No.: 21 A/S Pos: 1

Sample Qty: g Prep. Vol.: Dilution: : Date: 2009/04/24 12:07:31

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,600,074.9	0.976	59,246.35	mg/L				2.28 %
Y 324.227	1,546,257.1	0.985	17,162.58	mg/L				1.11 %
Sc 361.383	4,073,672.0	0.975	102,299.41	mg/L				2.51 %
Sc 357.253	2,893,743.1	0.987	73,123.84	mg/L				2.53 %

Mean Data

ID: LCS 1 Seq. No.: 22 A/S Pos: 2

2009/04/24 12:37:25 QC Failed. Continue with analysis.

Sample Qty: g Prep. Vol.: Dilution: : Date: 2009/04/24 12:36:51

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,587,632.8	0.971	0.0109	mg/L				1.12 %
Y 324.227	1,543,234.0	0.983	0.0033	mg/L				0.34 %
Sc 361.383	4,025,573.8	0.964	0.0137	mg/L				1.43 %
Sc 357.253	2,910,845.0	0.993	0.0054	mg/L				0.55 %
Ag 328.068	21,539.4	0.099	0.0005	mg/L	0.099			0.46 %
2009/04/24 12:37:24 QC value within limits for Ag 328.068 Recovery = 99.23%								
Al 308.215	3,604.0	0.108	0.0054	mg/L	0.108			5.02 %
2009/04/24 12:37:24 QC value within limits for Al 308.215 Recovery = 108.20%								
Al 396.153	13,107.9	0.114	0.0019	mg/L	0.114			1.70 %
2009/04/24 12:37:24 QC value within limits for Al 396.153 Recovery = 114.22%								
As 188.979	70.5	0.109	0.0042	mg/L	0.109			3.85 %
2009/04/24 12:37:24 QC value within limits for As 188.979 Recovery = 108.53%								
Ba 493.408	507,659.1	0.107	0.0018	mg/L	0.107			1.67 %
2009/04/24 12:37:24 QC value within limits for Ba 493.408 Recovery = 107.37%								
Be 313.107	617,592.5	0.104	0.0013	mg/L	0.104			1.30 %
2009/04/24 12:37:24 QC value within limits for Be 313.107 Recovery = 103.87%								
Ca 317.933	2,199,808.2	9.55	0.120	mg/L	9.55			1.26 %
2009/04/24 12:37:24 QC value within limits for Ca 317.933 Recovery = 97.50%								
Ca 315.887	1,285,326.9	9.71	0.132	mg/L	9.71			1.36 %
2009/04/24 12:37:24 QC value within limits for Ca 315.887 Recovery = 99.20%								
Cd 214.440	9,376.4	0.103	0.0012	mg/L	0.103			1.14 %
2009/04/24 12:37:24 QC value within limits for Cd 214.440 Recovery = 102.91%								
Co 228.616	2,411.6	0.101	0.0007	mg/L	0.101			0.72 %
2009/04/24 12:37:24 QC value within limits for Co 228.616 Recovery = 101.18%								
Fe 238.204	9,330.3	0.104	0.0012	mg/L	0.104			1.16 %
2009/04/24 12:37:24 QC value within limits for Fe 238.204 Recovery = 104.26%								

Fe 238.863	2,983.7	0.113	0.0012	mg/L	0.113	1.07 %
Mg 279.077	61,648.6	2.92	0.040	mg/L	2.92	1.38 %
2009/04/24 12:37:24 QC value within limits for Mg 279.077 Recovery = 96.06%						
Mn 257.610	60,475.0	0.104	0.0015	mg/L	0.104	1.41 %
2009/04/24 12:37:24 QC value within limits for Mn 257.610 Recovery = 103.62%						
Mo 202.031	1,361.4	0.106	0.0011	mg/L	0.106	1.02 %
2009/04/24 12:37:24 QC value within limits for Mo 202.031 Recovery = 105.89%						
Na 330.237	7,396.8	8.49	0.101	mg/L	8.49	1.18 %
2009/04/24 12:37:24 QC value within limits for Na 330.237 Recovery = 105.08%						
Pb 220.353	946.4	0.102	0.0011	mg/L	0.102	1.10 %
2009/04/24 12:37:24 QC value within limits for Pb 220.353 Recovery = 101.84%						
Sb 206.836	141.6	0.0892	0.00347	mg/L	0.0892	3.89 %
2009/04/24 12:37:24 QC value within limits for Sb 206.836 Recovery = 89.22%						
Se 196.026	77.5	0.102	0.0019	mg/L	0.102	1.89 %
2009/04/24 12:37:24 QC value within limits for Se 196.026 Recovery = 102.02%						
Tl 190.801	86.5	0.101	0.0060	mg/L	0.101	5.92 %
2009/04/24 12:37:24 QC value within limits for Tl 190.801 Recovery = 100.82%						
V 292.402	31,289.2	0.105	0.0013	mg/L	0.105	1.19 %
2009/04/24 12:37:24 QC value within limits for V 292.402 Recovery = 105.44%						
Zn 213.857	5,992.2	0.107	0.0013	mg/L	0.107	1.26 %
2009/04/24 12:37:24 QC value within limits for Zn 213.857 Recovery = 106.63%						
Cr 267.716	20,469.5	0.105	0.0011	mg/L	0.105	1.05 %
2009/04/24 12:37:24 QC value within limits for Cr 267.716 Recovery = 105.23%						
Cu 324.752	39,146.7	0.0978	0.00169	mg/L	0.0978	1.73 %
2009/04/24 12:37:24 QC value within limits for Cu 324.752 Recovery = 97.85%						
Ni 227.022	1,408.3	0.101	0.0008	mg/L	0.101	0.80 %
2009/04/24 12:37:24 QC value within limits for Ni 227.022 Recovery = 100.87%						
K 766.490	543,163.6	2.67	0.045	mg/L	2.67	1.70 %
2009/04/24 12:37:24 QC value greater than the upper limit for K 766.490 Recovery = 116.74%						
Na 589.592	3,799,372.6	9.19	0.172	mg/L	9.19	1.87 %
2009/04/24 12:37:24 QC value within limits for Na 589.592 Recovery = 113.71%						

Mean Data

ID: ICVS (1) **Seq. No.:** 24 **A/S Pos:** 3

2009/04/24 12:47:56 All analyte(s) passed QC. **Date:** 2009/04/24 12:47:21

Sample Qty: g **Prep. Vol.:** **Dilution:** :

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,617,218.1	0.982	0.0008	mg/L				0.08 %
Y 324.227	1,553,054.9	0.990	0.0054	mg/L				0.54 %
Sc 361.383	4,059,493.2	0.972	0.0043	mg/L				0.44 %
Sc 357.253	2,927,648.4	0.999	0.0074	mg/L				0.74 %
Ag 328.068	21,223.0	0.098	0.0003	mg/L	0.098			0.26 %
2009/04/24 12:47:55 QC value within limits for Ag 328.068 Recovery = 97.78%								

Al 308.215	16,379.5	0.492	0.0032	mg/L	0.492	0.65 %
Al 396.153	57,604.1	0.502	0.0024	mg/L	0.502	0.47 %
2009/04/24 12:47:55 QC value within limits for Al 396.153 Recovery = 100.39%						
As 188.979	328.5	0.506	0.0014	mg/L	0.506	0.28 %
2009/04/24 12:47:55 QC value within limits for As 188.979 Recovery = 101.13%						
Ba 493.408	2,436,767.3	0.515	0.0017	mg/L	0.515	0.33 %
2009/04/24 12:47:55 QC value within limits for Ba 493.408 Recovery = 103.08%						
Be 313.107	2,980,474.2	0.501	0.0014	mg/L	0.501	0.28 %
2009/04/24 12:47:55 QC value within limits for Be 313.107 Recovery = 100.25%						
Ca 317.933	119,523.0	0.519	0.0020	mg/L	0.519	0.39 %
Ca 315.887	70,175.1	0.530	0.0033	mg/L	0.530	0.61 %
Cd 214.440	45,830.7	0.503	0.0020	mg/L	0.503	0.39 %
2009/04/24 12:47:55 QC value within limits for Cd 214.440 Recovery = 100.60%						
Co 228.616	12,073.7	0.507	0.0019	mg/L	0.507	0.38 %
2009/04/24 12:47:55 QC value within limits for Co 228.616 Recovery = 101.32%						
Fe 238.204	45,114.9	0.504	0.0021	mg/L	0.504	0.41 %
Fe 238.863	14,574.2	0.553	0.0029	mg/L	0.553	0.52 %
Mg 279.077	10,365.3	0.491	0.0018	mg/L	0.491	0.36 %
Mn 257.610	292,824.5	0.502	0.0013	mg/L	0.502	0.26 %
2009/04/24 12:47:55 QC value within limits for Mn 257.610 Recovery = 100.35%						
Mo 202.031	6,448.5	0.502	0.0031	mg/L	0.502	0.62 %
2009/04/24 12:47:55 QC value within limits for Mo 202.031 Recovery = 100.31%						
Na 330.237	-1,587.3	-1.90	0.017	mg/L	-1.90	0.88 %
Pb 220.353	4,647.6	0.500	0.0028	mg/L	0.500	0.56 %
2009/04/24 12:47:55 QC value within limits for Pb 220.353 Recovery = 100.02%						
Sb 206.836	801.4	0.505	0.0038	mg/L	0.505	0.75 %
2009/04/24 12:47:55 QC value within limits for Sb 206.836 Recovery = 100.96%						
Se 196.026	372.1	0.490	0.0031	mg/L	0.490	0.64 %
2009/04/24 12:47:55 QC value within limits for Se 196.026 Recovery = 97.95%						
Tl 190.801	431.2	0.503	0.0018	mg/L	0.503	0.37 %
2009/04/24 12:47:55 QC value within limits for Tl 190.801 Recovery = 100.51%						
V 292.402	149,882.1	0.505	0.0016	mg/L	0.505	0.31 %
2009/04/24 12:47:55 QC value within limits for V 292.402 Recovery = 101.02%						
Zn 213.857	28,386.2	0.505	0.0022	mg/L	0.505	0.43 %
2009/04/24 12:47:55 QC value within limits for Zn 213.857 Recovery = 101.02%						
Cr 267.716	98,430.5	0.506	0.0021	mg/L	0.506	0.41 %
2009/04/24 12:47:55 QC value within limits for Cr 267.716 Recovery = 101.20%						
Cu 324.752	202,781.0	0.5069	0.00077	mg/L	0.5069	0.15 %
2009/04/24 12:47:55 QC value within limits for Cu 324.752 Recovery = 101.37%						

Ni 227.022	6,935.6	0.497	0.0032	mg/L	0.497	0.63 %
2009/04/24 12:47:55 QC value within limits for Ni 227.022 Recovery = 99.35%						
K 766.490	148.3	0.0007	0.00027	mg/L	0.0007	36.82 %
Na 589.592	35,057.5	0.0848	0.00117	mg/L	0.0848	1.39 %

Mean Data

ID: ICVS (2) **Seq. No.:** 25 **A/S Pos:** 4

2009/04/24 12:53:01 All analyte(s) passed QC. **Date:** 2009/04/24 12:52:34

Sample Qty: g **Prep. Vol.:** **Dilution:** :

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,545,088.6	0.955	0.0089	mg/L				0.93 %
Y 324.227	1,522,053.4	0.970	0.0093	mg/L				0.96 %
Sc 361.383	3,970,006.2	0.950	0.0124	mg/L				1.31 %
Sc 357.253	2,857,532.8	0.975	0.0123	mg/L				1.26 %
Ag 328.068	-10.6	0.000	0.0000	mg/L	0.000			45.95 %
Al 308.215	243.4	0.0073	0.00457	mg/L	0.0073			62.56 %
Al 396.153	977.0	0.0085	0.00016	mg/L	0.0085			1.91 %
As 188.979	3,307.9	5.09	0.030	mg/L	5.09			0.59 %
Ba 493.408	-102.8	0.0000	0.00003	mg/L	0.0000			156.95 %
Be 313.107	-744.9	-0.0001	0.00005	mg/L	-0.0001			37.08 %
Ca 317.933	1,160,302.9	5.03	0.030	mg/L	5.03			0.59 %
2009/04/24 12:53:00 QC value within limits for Ca 317.933 Recovery = 100.69%								
Ca 315.887	680,719.0	5.14	0.032	mg/L	5.14			0.62 %
Cd 214.440	454,870.9	4.99	0.033	mg/L	4.99			0.66 %
Co 228.616	7.8	0.0003	0.00007	mg/L	0.0003			21.66 %
Fe 238.204	453,386.0	5.07	0.028	mg/L	5.07			0.55 %
2009/04/24 12:53:00 QC value within limits for Fe 238.204 Recovery = 101.33%								
Fe 238.863	141,501.6	5.37	0.032	mg/L	5.37			0.60 %
Mg 279.077	107,657.7	5.10	0.025	mg/L	5.10			0.48 %
2009/04/24 12:53:00 QC value within limits for Mg 279.077 Recovery = 101.99%								
Mn 257.610	677.5	0.0012	0.00006	mg/L	0.0012			5.20 %

Mo 202.031	0.0	0.0000	0.00032	mg/L	0.0000	16,227. %
Na 330.237	-14,236.5	-18.2	0.21	mg/L	-18.2	1.16 %
Pb 220.353	46,797.4	5.04	0.022	mg/L	5.04	0.43 %
Sb 206.836	-3.0	-0.0019	0.00384	mg/L	-0.0019	204.48 %
Se 196.026	3,769.8	4.96	0.044	mg/L	4.96	0.88 %
Tl 190.801	4,310.9	5.02	0.004	mg/L	5.02	0.08 %
V 292.402	-213.4	-0.0007	0.00004	mg/L	-0.0007	4.90 %
Zn 213.857	279,531.0	4.97	0.047	mg/L	4.97	0.95 %
Cr 267.716	120.9	0.0006	0.00007	mg/L	0.0006	11.99 %
Cu 324.752	2,069,007.6	5.172	0.0533	mg/L	5.172	1.03 %
Ni 227.022	51.2	0.0037	0.00045	mg/L	0.0037	12.24 %
K 766.490	889.6	0.0044	0.00048	mg/L	0.0044	11.00 %
Na 589.592	10,681.8	0.0258	0.00066	mg/L	0.0258	2.55 %

Mean Data
ID: ICVS (3) **Seq. No.:** 26 **A/S Pos:** 5

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 12:57:50

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,603,440.7	0.977	0.0107	mg/L				1.09 %
Y 324.227	1,543,524.0	0.984	0.0090	mg/L				0.92 %
Sc 361.383	4,035,013.9	0.966	0.0128	mg/L				1.33 %
Sc 357.253	2,910,535.4	0.993	0.0110	mg/L				1.11 %
Ag 328.068	-16.7	0.000	0.0002	mg/L	0.000			271.31 %
Al 308.215	-181.4	-0.0054	0.00325	mg/L	-0.0054			59.73 %
Al 396.153	116.1	0.0010	0.00014	mg/L	0.0010			14.24 %
As 188.979	1.8	0.0028	0.00218	mg/L	0.0028			76.87 %

Ba 493.408	-822.8	-0.0002	0.00001	mg/L	-0.0002	6.53 %
Be 313.107	-1,399.5	-0.0002	0.00002	mg/L	-0.0002	6.57 %
Ca 317.933	-8.8	0.0000	0.00184	mg/L	0.0000	4,800.4 %
Ca 315.887	96.2	0.0007	0.00067	mg/L	0.0007	92.64 %
Cd 214.440	15.2	0.0002	0.00010	mg/L	0.0002	62.14 %
Co 228.616	3.5	0.0001	0.00016	mg/L	0.0001	106.17 %
Fe 238.204	85.0	0.0010	0.00022	mg/L	0.0010	23.15 %
Fe 238.863	21.1	0.0008	0.00040	mg/L	0.0008	49.46 %
Mg 279.077	-14.8	-0.0007	0.00118	mg/L	-0.0007	167.80 %
Mn 257.610	9.8	0.0000	0.00002	mg/L	0.0000	115.36 %
Mo 202.031	0.3	0.0000	0.00019	mg/L	0.0000	777.21 %
Na 330.237	4,473.8	5.20	0.098	mg/L	5.20	1.89 %
Pb 220.353	-1.3	-0.0001	0.00106	mg/L	-0.0001	766.88 %
Sb 206.836	-7.9	-0.0050	0.00360	mg/L	-0.0050	72.20 %
Se 196.026	0.2	0.0002	0.00260	mg/L	0.0002	1,080.3 %
Tl 190.801	3.4	0.0040	0.00228	mg/L	0.0040	57.07 %
V 292.402	-10.0	0.0000	0.00008	mg/L	0.0000	225.48 %
Zn 213.857	290.8	0.0052	0.00107	mg/L	0.0052	20.69 %
Cr 267.716	-30.5	-0.0002	0.00009	mg/L	-0.0002	58.91 %
Cu 324.752	5,359.9	0.0134	0.00239	mg/L	0.0134	17.86 %
Ni 227.022	8.1	0.0006	0.00045	mg/L	0.0006	77.19 %
K 766.490	1,044,107.1	5.14	0.045	mg/L	5.14	0.88 %
2009/04/24 12:58:22 QC value within limits for K 766.490 Recovery = 102.78%						
Na 589.592	2,122,160.7	5.13	0.078	mg/L	5.13	1.53 %
2009/04/24 12:58:22 QC value within limits for Na 589.592 Recovery = 102.64%						

Mean Data

ID: CCB | Seq. No.: 29 | A/S Pos: 7

Sample Qty: g | Prep. Vol.: | Dilution: | : | Date: 2009/04/24 13:13:07

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,587,735.4	0.971	0.0068	mg/L			mg/L	0.70 %
Y 324.227	1,567,051.0	0.999	0.0208	mg/L			mg/L	2.08 %
Sc 361.383	3,987,039.0	0.954	0.0035	mg/L			mg/L	0.37 %
Sc 357.253	2,944,584.0	1.00	0.023	mg/L			mg/L	2.29 %
Ag 328.068	-19.4	0.000	0.0003	mg/L	0.000	0.0003	mg/L	318.44 %
Al 308.215	-223.7	-0.0067	0.00313	mg/L	-0.0067	0.00313	mg/L	46.55 %
Al 396.153	-24.0	-0.0002	0.00011	mg/L	-0.0002	0.00011	mg/L	50.95 %
As 188.979	1.5	0.0023	0.00248	mg/L	0.0023	0.00248	mg/L	107.42 %
Ba 493.408	-790.3	-0.0002	0.00002	mg/L	-0.0002	0.00002	mg/L	12.61 %
Be 313.107	-1,750.3	-0.0003	0.00002	mg/L	-0.0003	0.00002	mg/L	5.54 %
Ca 317.933	-1,537.4	-0.0067	0.00652	mg/L	-0.0067	0.00652	mg/L	97.74 %
Ca 315.887	-637.9	-0.0048	0.00078	mg/L	-0.0048	0.00078	mg/L	16.25 %
Cd 214.440	-13.3	-0.0001	0.00015	mg/L	-0.0001	0.00015	mg/L	103.90 %
Co 228.616	2.2	0.0001	0.00023	mg/L	0.0001	0.00023	mg/L	243.57 %
Fe 238.204	3.8	0.0000	0.00012	mg/L	0.0000	0.00012	mg/L	297.81 %
Fe 238.863	-4.0	-0.0002	0.00041	mg/L	-0.0002	0.00041	mg/L	269.61 %
Mg 279.077	-6.9	-0.0003	0.00080	mg/L	-0.0003	0.00080	mg/L	243.87 %
Mn 257.610	1.6	0.0000	0.00001	mg/L	0.0000	0.00001	mg/L	221.98 %
Mo 202.031	-3.4	-0.0003	0.00039	mg/L	-0.0003	0.00039	mg/L	145.70 %
Na 330.237	-22.7	-0.0269	0.00340	mg/L	-0.0269	0.00340	mg/L	12.65 %
Pb 220.353	-14.2	-0.0015	0.00119	mg/L	-0.0015	0.00119	mg/L	77.69 %

Sb 206.836	-4.6	-0.0029	0.00471	mg/L	-0.0029	0.00471	mg/L	162.79 %
Se 196.026	-2.3	-0.0030	0.00176	mg/L	-0.0030	0.00176	mg/L	58.13 %
Tl 190.801	-1.7	-0.0020	0.00519	mg/L	-0.0020	0.00519	mg/L	256.44 %
V 292.402	-22.9	-0.0001	0.00007	mg/L	-0.0001	0.00007	mg/L	88.47 %
Zn 213.857	-45.5	-0.0008	0.00017	mg/L	-0.0008	0.00017	mg/L	21.49 %
Cr 267.716	-1.4	0.0000	0.00013	mg/L	0.0000	0.00013	mg/L	1,774.9 %
Cu 324.752	-698.3	-0.0017	0.00024	mg/L	-0.0017	0.00024	mg/L	13.98 %
Ni 227.022	-0.5	0.0000	0.00039	mg/L	0.0000	0.00039	mg/L	1,086.4 %
K 766.490	-1,743.6	-0.0086	0.00022	mg/L	-0.0086	0.00022	mg/L	2.57 %
Na 589.592	-6,950.1	-0.0168	0.00014	mg/L	-0.0168	0.00014	mg/L	0.84 %

Mean Data
ID: 0.005 lrl **Seq. No.:** 30 **A/S Pos:** 10
Date: 2009/04/24 13:18:10

Sample Qty: g **Analyte**	**Corr. Intensity**	**Prep. Vol.:** **Conc (Calib)**	**Dilution:** **Std. Dev.**	**Calib Units**	**:** **Conc (Sample)**	**Std. Dev.**	**Sample Units**	**RSD**
Y 371.029	2,579,809.1	0.968	0.0035	mg/L			mg/L	0.36 %
Y 324.227	1,546,349.7	0.985	0.0028	mg/L			mg/L	0.29 %
Sc 361.383	4,004,164.4	0.958	0.0046	mg/L			mg/L	0.48 %
Sc 357.253	2,894,688.6	0.988	0.0038	mg/L			mg/L	0.39 %
Ag 328.068	176.7	0.001	0.0000	mg/L	0.001	0.0000	mg/L	4.89 %
Al 308.215	-2.1	-0.0001	0.00199	mg/L	-0.0001	0.00199	mg/L	3,167.3 %
Al 396.153	724.6	0.0063	0.00058	mg/L	0.0063	0.00058	mg/L	9.14 %
As 188.979	3.7	0.0056	0.00203	mg/L	0.0056	0.00203	mg/L	35.92 %
Ba 493.408	23,886.0	0.0051	0.00002	mg/L	0.0051	0.00002	mg/L	0.45 %
Be 313.107	28,114.3	0.0047	0.00003	mg/L	0.0047	0.00003	mg/L	0.60 %
Ca 317.933	1,341.2	0.0058	0.00108	mg/L	0.0058	0.00108	mg/L	18.61 %

Ca 315.887	622.0	0.0047	0.00048	mg/L	0.0047	0.00048	mg/L	10.27 %
Cd 214.440	426.0	0.0047	0.00001	mg/L	0.0047	0.00001	mg/L	0.17 %
Co 228.616	122.0	0.0051	0.00031	mg/L	0.0051	0.00031	mg/L	6.00 %
Fe 238.204	490.2	0.0055	0.00009	mg/L	0.0055	0.00009	mg/L	1.56 %
Fe 238.863	149.8	0.0057	0.00046	mg/L	0.0057	0.00046	mg/L	8.16 %
Mg 279.077	119.6	0.0057	0.00126	mg/L	0.0057	0.00126	mg/L	22.24 %
Mn 257.610	3,081.5	0.0053	0.00005	mg/L	0.0053	0.00005	mg/L	0.92 %
Mo 202.031	60.1	0.0047	0.00002	mg/L	0.0047	0.00002	mg/L	0.36 %
Na 330.237	-26.3	-0.0312	0.05022	mg/L	-0.0312	0.05022	mg/L	161.09 %
Pb 220.353	34.5	0.0037	0.00078	mg/L	0.0037	0.00078	mg/L	21.14 %
Sb 206.836	5.1	0.0032	0.00302	mg/L	0.0032	0.00302	mg/L	94.48 %
Se 196.026	-0.8	-0.0011	0.00375	mg/L	-0.0011	0.00375	mg/L	354.77 %
Tl 190.801	1.7	0.0020	0.00099	mg/L	0.0020	0.00099	mg/L	49.19 %
V 292.402	1,493.3	0.0050	0.00012	mg/L	0.0050	0.00012	mg/L	2.32 %
Zn 213.857	232.5	0.0041	0.00007	mg/L	0.0041	0.00007	mg/L	1.77 %
Cr 267.716	978.9	0.0050	0.00020	mg/L	0.0050	0.00020	mg/L	3.99 %
Cu 324.752	873.0	0.0022	0.00002	mg/L	0.0022	0.00002	mg/L	1.08 %
Ni 227.022	73.2	0.0052	0.00054	mg/L	0.0052	0.00054	mg/L	10.27 %
K 766.490	-1,474.7	-0.0073	0.00020	mg/L	-0.0073	0.00020	mg/L	2.75 %
Na 589.592	-5,639.6	-0.0136	0.00023	mg/L	-0.0136	0.00023	mg/L	1.70 %

Mean Data

ID: 0.010 Irl **Seq. No.:** 31 **A/S Pos:** 11

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 13:23:05

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,596,956.4	0.975	0.0034	mg/L			mg/L	0.35 %

Y 324.227	1,555,220.5	0.991	0.0039	mg/L			mg/L	0.39 %
Sc 361.383	4,032,384.1	0.965	0.0022	mg/L			mg/L	0.23 %
Sc 357.253	2,911,867.1	0.993	0.0031	mg/L			mg/L	0.31 %
Ag 328.068	457.5	0.002	0.0000	mg/L	0.002	0.0000	mg/L	1.73 %
Al 308.215	183.5	0.0055	0.00175	mg/L	0.0055	0.00175	mg/L	31.76 %
Al 396.153	1,464.6	0.0128	0.00014	mg/L	0.0128	0.00014	mg/L	1.08 %
As 188.979	8.9	0.0136	0.00419	mg/L	0.0136	0.00419	mg/L	30.74 %
Ba 493.408	48,914.4	0.0103	0.00011	mg/L	0.0103	0.00011	mg/L	1.05 %
Be 313.107	57,041.2	0.0096	0.00003	mg/L	0.0096	0.00003	mg/L	0.28 %
Ca 317.933	6,095.8	0.0265	0.00085	mg/L	0.0265	0.00085	mg/L	3.22 %
Ca 315.887	3,413.9	0.0258	0.00083	mg/L	0.0258	0.00083	mg/L	3.22 %
Cd 214.440	858.4	0.0094	0.00007	mg/L	0.0094	0.00007	mg/L	0.72 %
Co 228.616	238.9	0.0100	0.00017	mg/L	0.0100	0.00017	mg/L	1.68 %
Fe 238.204	1,074.8	0.0120	0.00007	mg/L	0.0120	0.00007	mg/L	0.61 %
Fe 238.863	352.4	0.0134	0.00044	mg/L	0.0134	0.00044	mg/L	3.27 %
Mg 279.077	219.5	0.0104	0.00049	mg/L	0.0104	0.00049	mg/L	4.69 %
Mn 257.610	5,976.8	0.0102	0.00002	mg/L	0.0102	0.00002	mg/L	0.24 %
Mo 202.031	124.7	0.0097	0.00026	mg/L	0.0097	0.00026	mg/L	2.66 %
Na 330.237	-34.8	-0.0413	0.07485	mg/L	-0.0413	0.07485	mg/L	181.03 %
Pb 220.353	81.1	0.0087	0.00035	mg/L	0.0087	0.00035	mg/L	4.03 %
Sb 206.836	11.8	0.0074	0.00104	mg/L	0.0074	0.00104	mg/L	14.02 %
Se 196.026	7.3	0.0097	0.00144	mg/L	0.0097	0.00144	mg/L	14.90 %
Tl 190.801	9.4	0.0109	0.00208	mg/L	0.0109	0.00208	mg/L	18.98 %

V 292.402	3,006.9	0.0101	0.00011	mg/L	0.0101	0.00011	mg/L	1.11 %
Zn 213.857	612.9	0.0109	0.00015	mg/L	0.0109	0.00015	mg/L	1.33 %
Cr 267.716	1,939.1	0.0100	0.00004	mg/L	0.0100	0.00004	mg/L	0.40 %
Cu 324.752	2,749.1	0.0069	0.00017	mg/L	0.0069	0.00017	mg/L	2.46 %
Ni 227.022	152.9	0.0109	0.00071	mg/L	0.0109	0.00071	mg/L	6.44 %
K 766.490	-1,062.3	-0.0052	0.00048	mg/L	-0.0052	0.00048	mg/L	9.12 %
Na 589.592	-2,555.4	-0.0062	0.00051	mg/L	-0.0062	0.00051	mg/L	8.27 %

Mean Data
ID: 1.00 Irl **Seq. No.:** 32 **A/S Pos:** 12 **Date:** 2009/04/24 13:28:04

Sample Qty: / **Analyte**	g / **Corr. Intensity**	**Prep. Vol.:** / **Conc (Calib)**	**Dilution:** / **Std. Dev.**	**Calib Units**	: / **Conc (Sample)**	**Std. Dev.**	**Sample Units**	**RSD**
Y 371.029	2,615,705.7	0.982	0.0064	mg/L			mg/L	0.65 %
Y 324.227	1,568,627.0	1.000	0.0056	mg/L			mg/L	0.56 %
Sc 361.383	4,066,014.4	0.973	0.0085	mg/L			mg/L	0.88 %
Sc 357.253	2,940,405.7	1.00	0.007	mg/L			mg/L	0.72 %
Ag 328.068	-47.1	0.000	0.0001	mg/L	0.000	0.0001	mg/L	26.61 %
Al 308.215	-322.6	-0.0097	0.00401	mg/L	-0.0097	0.00401	mg/L	41.39 %
Al 396.153	24.8	0.0002	0.00044	mg/L	0.0002	0.00044	mg/L	205.38 %
As 188.979	2.2	0.0034	0.00322	mg/L	0.0034	0.00322	mg/L	95.51 %
Ba 493.408	-872.9	-0.0002	0.00002	mg/L	-0.0002	0.00002	mg/L	8.87 %
Be 313.107	-1,733.4	-0.0003	0.00002	mg/L	-0.0003	0.00002	mg/L	8.15 %
Ca 317.933	-717.2	-0.0031	0.00114	mg/L	-0.0031	0.00114	mg/L	36.61 %
Ca 315.887	-573.4	-0.0043	0.00033	mg/L	-0.0043	0.00033	mg/L	7.65 %
Cd 214.440	-28.5	-0.0003	0.00007	mg/L	-0.0003	0.00007	mg/L	22.97 %
Co 228.616	1.1	0.0000	0.00025	mg/L	0.0000	0.00025	mg/L	538.29 %

Fe 238.204	199.7	0.0022	0.00010	mg/L	0.0022	0.00010	mg/L	4.33 %
Fe 238.863	47.1	0.0018	0.00048	mg/L	0.0018	0.00048	mg/L	26.74 %
Mg 279.077	-45.3	-0.0021	0.00022	mg/L	-0.0021	0.00022	mg/L	10.26 %
Mn 257.610	15.6	0.0000	0.00003	mg/L	0.0000	0.00003	mg/L	97.72 %
Mo 202.031	-0.8	-0.0001	0.00030	mg/L	-0.0001	0.00030	mg/L	498.55 %
Na 330.237	832.3	0.983	0.0271	mg/L	0.983	0.0271	mg/L	2.76 %
Pb 220.353	-11.0	-0.0012	0.00021	mg/L	-0.0012	0.00021	mg/L	18.14 %
Sb 206.836	-8.0	-0.0051	0.00350	mg/L	-0.0051	0.00350	mg/L	69.15 %
Se 196.026	0.4	0.0006	0.00298	mg/L	0.0006	0.00298	mg/L	514.60 %
Tl 190.801	0.5	0.0006	0.00257	mg/L	0.0006	0.00257	mg/L	467.30 %
V 292.402	-5.8	0.0000	0.00004	mg/L	0.0000	0.00004	mg/L	206.56 %
Zn 213.857	-51.9	-0.0009	0.00001	mg/L	-0.0009	0.00001	mg/L	1.46 %
Cr 267.716	-38.7	-0.0002	0.00009	mg/L	-0.0002	0.00009	mg/L	46.25 %
Cu 324.752	-1,578.0	-0.0039	0.00006	mg/L	-0.0039	0.00006	mg/L	1.60 %
Ni 227.022	-4.2	-0.0003	0.00043	mg/L	-0.0003	0.00043	mg/L	144.02 %
K 766.490	181,741.0	0.894	0.0079	mg/L	0.894	0.0079	mg/L	0.88 %
Na 589.592	369,562.8	0.894	0.0060	mg/L	0.894	0.0060	mg/L	0.68 %

Mean Data

ID: ww 4/20 **Seq. No.:** 62 **A/S Pos:** 42

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 15:57:58

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,575,859.6	0.967	0.0105	mg/L			mg/L	1.08 %
Y 324.227	1,562,439.5	0.996	0.0115	mg/L			mg/L	1.16 %
Sc 361.383	3,991,012.2	0.955	0.0113	mg/L			mg/L	1.18 %
Sc 357.253	2,936,443.4	1.00	0.013	mg/L			mg/L	1.29 %

Ag 328.068	-67.1	0.000	0.0001	mg/L	0.000	0.0001	mg/L	22.71 %
Al 308.215	-441.7	-0.0133	0.00252	mg/L	-0.0133	0.00252	mg/L	18.98 %
Al 396.153	226.3	0.0020	0.00044	mg/L	0.0020	0.00044	mg/L	22.28 %
As 188.979	0.8	0.0012	0.00123	mg/L	0.0012	0.00123	mg/L	101.43 %
Ba 493.408	-1,096.8	-0.0002	0.00001	mg/L	-0.0002	0.00001	mg/L	4.92 %
Be 313.107	-2,986.4	-0.0005	0.00004	mg/L	-0.0005	0.00004	mg/L	8.07 %
Ca 317.933	7,257.9	0.0315	0.00139	mg/L	0.0315	0.00139	mg/L	4.40 %
Ca 315.887	4,082.6	0.0308	0.00099	mg/L	0.0308	0.00099	mg/L	3.20 %
Cd 214.440	-52.3	-0.0006	0.00008	mg/L	-0.0006	0.00008	mg/L	13.91 %
Co 228.616	5.1	0.0002	0.00024	mg/L	0.0002	0.00024	mg/L	113.63 %
Fe 238.204	515.4	0.0058	0.00030	mg/L	0.0058	0.00030	mg/L	5.29 %
Fe 238.863	174.7	0.0066	0.00069	mg/L	0.0066	0.00069	mg/L	10.35 %
Mg 279.077	-79.4	-0.0038	0.00103	mg/L	-0.0038	0.00103	mg/L	27.50 %
Mn 257.610	107.0	0.0002	0.00003	mg/L	0.0002	0.00003	mg/L	15.70 %
Mo 202.031	-1.9	-0.0001	0.00028	mg/L	-0.0001	0.00028	mg/L	191.51 %
Na 330.237	-247.5	-0.294	0.0451	mg/L	-0.294	0.0451	mg/L	15.34 %
Pb 220.353	-23.1	-0.0025	0.00033	mg/L	-0.0025	0.00033	mg/L	13.16 %
Sb 206.836	-6.8	-0.0043	0.00247	mg/L	-0.0043	0.00247	mg/L	57.70 %
Se 196.026	-2.3	-0.0030	0.00477	mg/L	-0.0030	0.00477	mg/L	158.74 %
Tl 190.801	-1.2	-0.0014	0.00179	mg/L	-0.0014	0.00179	mg/L	126.40 %
V 292.402	-50.3	-0.0002	0.00007	mg/L	-0.0002	0.00007	mg/L	40.77 %
Zn 213.857	940.7	0.0167	0.00018	mg/L	0.0167	0.00018	mg/L	1.08 %
Cr 267.716	-77.6	-0.0004	0.00011	mg/L	-0.0004	0.00011	mg/L	26.49 %

Cu 324.752	-1,971.5	-0.0049	0.00012	mg/L	-0.0049	0.00012	mg/L	2.34 %
Ni 227.022	61.0	0.0044	0.00018	mg/L	0.0044	0.00018	mg/L	4.17 %
K 766.490	-2,532.6	-0.0125	0.00054	mg/L	-0.0125	0.00054	mg/L	4.30 %
Na 589.592	-5,406.7	-0.0131	0.00079	mg/L	-0.0131	0.00079	mg/L	6.08 %

Mean Data

ID: LFBw 4/20 x5 **Seq. No.:** 63 **A/S Pos:** 43

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 16:02:59

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,563,518.1	0.962	0.0090	mg/L			mg/L	0.94 %
Y 324.227	1,554,433.2	0.991	0.0094	mg/L			mg/L	0.95 %
Sc 361.383	3,978,188.2	0.952	0.0100	mg/L			mg/L	1.05 %
Sc 357.253	2,925,095.0	0.998	0.0108	mg/L			mg/L	1.08 %
Ag 328.068	10,814.3	0.050	0.0002	mg/L	0.050	0.0002	mg/L	0.45 %
Al 308.215	13,403.0	0.402	0.0069	mg/L	0.402	0.0069	mg/L	1.72 %
Al 396.153	48,256.9	0.421	0.0046	mg/L	0.421	0.0046	mg/L	1.09 %
As 188.979	142.5	0.219	0.0032	mg/L	0.219	0.0032	mg/L	1.48 %
Ba 493.408	2,128,066.7	0.450	0.0038	mg/L	0.450	0.0038	mg/L	0.85 %
Be 313.107	60,642.2	0.0102	0.00010	mg/L	0.0102	0.00010	mg/L	0.96 %
Ca 317.933	267,986.5	1.16	0.016	mg/L	1.16	0.016	mg/L	1.41 %
Ca 315.887	158,378.1	1.20	0.016	mg/L	1.20	0.016	mg/L	1.31 %
Cd 214.440	9,719.1	0.107	0.0015	mg/L	0.107	0.0015	mg/L	1.39 %
Co 228.616	2,537.0	0.106	0.0009	mg/L	0.106	0.0009	mg/L	0.80 %
Fe 238.204	23,416.9	0.262	0.0036	mg/L	0.262	0.0036	mg/L	1.39 %
Fe 238.863	7,428.0	0.282	0.0032	mg/L	0.282	0.0032	mg/L	1.14 %
Mg 279.077	22,024.1	1.04	0.014	mg/L	1.04	0.014	mg/L	1.32 %

Mn 257.610	63,615.9	0.109	0.0014	mg/L	0.109	0.0014	mg/L	1.25 %
Mo 202.031	3.7	0.0003	0.00019	mg/L	0.0003	0.00019	mg/L	65.28 %
Na 330.237	755.6	0.893	0.0495	mg/L	0.893	0.0495	mg/L	5.55 %
Pb 220.353	1,939.8	0.209	0.0014	mg/L	0.209	0.0014	mg/L	0.66 %
Sb 206.836	346.6	0.218	0.0058	mg/L	0.218	0.0058	mg/L	2.64 %
Se 196.026	159.6	0.210	0.0028	mg/L	0.210	0.0028	mg/L	1.32 %
Tl 190.801	178.2	0.208	0.0028	mg/L	0.208	0.0028	mg/L	1.36 %
V 292.402	32,768.5	0.110	0.0015	mg/L	0.110	0.0015	mg/L	1.32 %
Zn 213.857	6,590.3	0.117	0.0018	mg/L	0.117	0.0018	mg/L	1.56 %
Cr 267.716	8,557.1	0.0440	0.00068	mg/L	0.0440	0.00068	mg/L	1.53 %
Cu 324.752	20,271.8	0.0507	0.00097	mg/L	0.0507	0.00097	mg/L	1.91 %
Ni 227.022	1,522.7	0.109	0.0013	mg/L	0.109	0.0013	mg/L	1.17 %
K 766.490	209,943.0	1.03	0.010	mg/L	1.03	0.010	mg/L	1.01 %
Na 589.592	461,136.1	1.12	0.011	mg/L	1.12	0.011	mg/L	1.01 %

Mean Data

ID: ICVS (3) **Seq. No.:** 64 **A/S Pos:** 5

2009/04/24 16:08:27 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 16:08:00

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,574,034.3	0.966	0.0102	mg/L				1.06 %
Y 324.227	1,561,822.0	0.995	0.0101	mg/L				1.02 %
Sc 361.383	4,006,448.4	0.959	0.0098	mg/L				1.03 %
Sc 357.253	2,946,647.1	1.01	0.010	mg/L				0.99 %
Ag 328.068	-55.1	0.000	0.0002	mg/L	0.000			78.07 %
Al 308.215	-538.8	-0.0162	0.00253	mg/L	-0.0162			15.64 %
Al 396.153	103.9	0.0009	0.00046	mg/L	0.0009			51.02 %

As 188.979	1.3	0.0020	0.00105	mg/L	0.0020	52.29 %
Ba 493.408	-881.1	-0.0002	0.00002	mg/L	-0.0002	8.12 %
Be 313.107	-2,897.9	-0.0005	0.00005	mg/L	-0.0005	10.17 %
Ca 317.933	797.8	0.0035	0.00200	mg/L	0.0035	57.83 %
Ca 315.887	80.6	0.0006	0.00085	mg/L	0.0006	138.98 %
Cd 214.440	-32.5	-0.0004	0.00014	mg/L	-0.0004	39.73 %
Co 228.616	0.2	0.0000	0.00008	mg/L	0.0000	1,186.1 %
Fe 238.204	1.5	0.0000	0.00005	mg/L	0.0000	266.52 %
Fe 238.863	-1.2	0.0000	0.00041	mg/L	0.0000	888.43 %
Mg 279.077	-33.1	-0.0016	0.00068	mg/L	-0.0016	43.21 %
Mn 257.610	13.5	0.0000	0.00001	mg/L	0.0000	42.81 %
Mo 202.031	1.6	0.0001	0.00019	mg/L	0.0001	146.84 %
Na 330.237	4,625.3	5.37	0.128	mg/L	5.37	2.38 %
Pb 220.353	-12.3	-0.0013	0.00069	mg/L	-0.0013	52.16 %
Sb 206.836	-8.2	-0.0052	0.00418	mg/L	-0.0052	80.40 %
Se 196.026	-3.7	-0.0049	0.00321	mg/L	-0.0049	65.55 %
Tl 190.801	1.4	0.0017	0.00202	mg/L	0.0017	122.24 %
V 292.402	-11.9	0.0000	0.00010	mg/L	0.0000	242.74 %
Zn 213.857	-59.5	-0.0011	0.00016	mg/L	-0.0011	14.80 %
Cr 267.716	-17.4	-0.0001	0.00022	mg/L	-0.0001	245.19 %
Cu 324.752	-1,758.4	-0.0044	0.00020	mg/L	-0.0044	4.57 %
Ni 227.022	-0.3	0.0000	0.00024	mg/L	0.0000	1,303.3 %
K 766.490	1,068,409.7	5.26	0.032	mg/L	5.26	0.62 %

2009/04/24 16:08:26 QC value within limits for K 766.490 Recovery = 105.17%

Na 589.592	2,113,809.4	5.11	0.027	mg/L	5.11		0.53 %

2009/04/24 16:08:26 QC value within limits for Na 589.592 Recovery = 102.23%

Mean Data

ID: CCVS **Seq. No.:** 65 **A/S Pos:** 3

2009/04/24 16:13:29 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 16:13:01

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,567,961.2	0.964	0.0048	mg/L				0.50 %
Y 324.227	1,558,351.8	0.993	0.0053	mg/L				0.53 %
Sc 361.383	3,985,445.6	0.954	0.0069	mg/L				0.72 %
Sc 357.253	2,934,567.9	1.00	0.007	mg/L				0.73 %
Ag 328.068	20,451.3	0.094	0.0001	mg/L	0.094			0.09 %

2009/04/24 16:13:27 QC value within limits for Ag 328.068 Recovery = 94.22%

Al 308.215	16,400.7	0.492	0.0033	mg/L	0.492			0.68 %
Al 396.153	58,657.9	0.511	0.0018	mg/L	0.511			0.34 %

2009/04/24 16:13:27 QC value within limits for Al 396.153 Recovery = 102.23%

As 188.979	328.7	0.506	0.0048	mg/L	0.506			0.96 %

2009/04/24 16:13:27 QC value within limits for As 188.979 Recovery = 101.16%

Ba 493.408	2,533,462.9	0.536	0.0041	mg/L	0.536			0.76 %

2009/04/24 16:13:27 QC value within limits for Ba 493.408 Recovery = 107.17%

Be 313.107	2,967,943.4	0.499	0.0040	mg/L	0.499			0.79 %

2009/04/24 16:13:27 QC value within limits for Be 313.107 Recovery = 99.83%

Ca 317.933	118,084.0	0.512	0.0027	mg/L	0.512			0.54 %

2009/04/24 16:13:27 QC value within limits for Ca 317.933 Recovery = 102.48%

Ca 315.887	70,716.3	0.534	0.0032	mg/L	0.534			0.59 %
Cd 214.440	46,169.2	0.507	0.0025	mg/L	0.507			0.49 %

2009/04/24 16:13:27 QC value within limits for Cd 214.440 Recovery = 101.34%

Co 228.616	12,146.6	0.510	0.0013	mg/L	0.510			0.25 %

2009/04/24 16:13:27 QC value within limits for Co 228.616 Recovery = 101.93%

Fe 238.204	45,569.9	0.509	0.0025	mg/L	0.509			0.50 %

2009/04/24 16:13:27 QC value within limits for Fe 238.204 Recovery = 101.85%

Fe 238.863	14,627.9	0.555	0.0006	mg/L	0.555			0.11 %
Mg 279.077	10,394.2	0.492	0.0033	mg/L	0.492			0.66 %

2009/04/24 16:13:27 QC value within limits for Mg 279.077 Recovery = 98.47%

Mn 257.610	298,528.5	0.512	0.0019	mg/L	0.512			0.37 %

2009/04/24 16:13:27 QC value within limits for Mn 257.610 Recovery = 102.30%

Mo 202.031	6,462.1	0.503	0.0050	mg/L	0.503			1.00 %

2009/04/24 16:13:27 QC value within limits for Mo 202.031 Recovery = 100.52%

Na 330.237	-1,541.2	-1.84	0.048	mg/L	-1.84			2.62 %

Pb 220.353	4,657.6	0.501	0.0018	mg/L	0.501	0.37 %
2009/04/24 16:13:27 QC value within limits for Pb 220.353 Recovery = 100.24%						
Sb 206.836	815.7	0.514	0.0019	mg/L	0.514	0.36 %
2009/04/24 16:13:27 QC value within limits for Sb 206.836 Recovery = 102.75%						
Se 196.026	373.6	0.492	0.0080	mg/L	0.492	1.63 %
2009/04/24 16:13:27 QC value within limits for Se 196.026 Recovery = 98.35%						
Tl 190.801	429.3	0.500	0.0025	mg/L	0.500	0.50 %
2009/04/24 16:13:27 QC value within limits for Tl 190.801 Recovery = 100.05%						
V 292.402	152,092.0	0.513	0.0017	mg/L	0.513	0.33 %
2009/04/24 16:13:27 QC value within limits for V 292.402 Recovery = 102.51%						
Zn 213.857	28,607.7	0.509	0.0024	mg/L	0.509	0.47 %
2009/04/24 16:13:27 QC value within limits for Zn 213.857 Recovery = 101.81%						
Cr 267.716	99,038.9	0.509	0.0021	mg/L	0.509	0.41 %
2009/04/24 16:13:27 QC value within limits for Cr 267.716 Recovery = 101.83%						
Cu 324.752	207,940.2	0.5198	0.00456	mg/L	0.5198	0.88 %
2009/04/24 16:13:27 QC value within limits for Cu 324.752 Recovery = 103.95%						
Ni 227.022	6,869.2	0.492	0.0016	mg/L	0.492	0.32 %
2009/04/24 16:13:27 QC value within limits for Ni 227.022 Recovery = 98.40%						
K 766.490	-1,475.2	-0.0073	0.00053	mg/L	-0.0073	7.36 %
Na 589.592	26,749.5	0.0647	0.00105	mg/L	0.0647	1.62 %

Mean Data

ID: CCB **Seq. No.:** 66 **A/S Pos:** 7

2009/04/24 16:18:25 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 16:17:58

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,550,465.8	0.957	0.0075	mg/L				0.78 %
Y 324.227	1,545,585.3	0.985	0.0073	mg/L				0.74 %
Sc 361.383	3,946,381.2	0.945	0.0063	mg/L				0.66 %
Sc 357.253	2,901,941.2	0.990	0.0060	mg/L				0.61 %
Ag 328.068	-47.2	0.000	0.0001	mg/L	0.000			30.29 %
Al 308.215	-483.0	-0.0145	0.00182	mg/L	-0.0145			12.57 %
2009/04/24 16:18:24 QC value within limits for Al 308.215 Recovery = Not calculated								
Al 396.153	-10.2	-0.0001	0.00024	mg/L	-0.0001			267.22 %
2009/04/24 16:18:24 QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979	-0.8	-0.0012	0.00020	mg/L	-0.0012			16.31 %
2009/04/24 16:18:24 QC value within limits for As 188.979 Recovery = Not calculated								
Ba 493.408	-861.4	-0.0002	0.00006	mg/L	-0.0002			30.67 %
2009/04/24 16:18:24 QC value within limits for Ba 493.408 Recovery = Not calculated								
Be 313.107	-2,697.9	-0.0005	0.00001	mg/L	-0.0005			1.80 %
2009/04/24 16:18:24 QC value within limits for Be 313.107 Recovery = Not calculated								

Ca 317.933	-1,204.0	-0.0052	0.00155	mg/L	-0.0052	29.76 %
2009/04/24 16:18:24 QC value within limits for Ca 317.933 Recovery = Not calculated						
Ca 315.887	-1,063.3	-0.0080	0.00051	mg/L	-0.0080	6.33 %
Cd 214.440	-33.6	-0.0004	0.00012	mg/L	-0.0004	33.58 %
2009/04/24 16:18:24 QC value within limits for Cd 214.440 Recovery = Not calculated						
Co 228.616	6.0	0.0003	0.00026	mg/L	0.0003	105.03 %
2009/04/24 16:18:24 QC value within limits for Co 228.616 Recovery = Not calculated						
Fe 238.204	-18.8	-0.0002	0.00015	mg/L	-0.0002	72.71 %
2009/04/24 16:18:24 QC value within limits for Fe 238.204 Recovery = Not calculated						
Fe 238.863	-14.0	-0.0005	0.00046	mg/L	-0.0005	85.74 %
Mg 279.077	-13.1	-0.0006	0.00133	mg/L	-0.0006	215.14 %
2009/04/24 16:18:24 QC value within limits for Mg 279.077 Recovery = Not calculated						
Mn 257.610	27.8	0.0000	0.00005	mg/L	0.0000	95.20 %
2009/04/24 16:18:24 QC value within limits for Mn 257.610 Recovery = Not calculated						
Mo 202.031	5.5	0.0004	0.00014	mg/L	0.0004	34.02 %
2009/04/24 16:18:24 QC value within limits for Mo 202.031 Recovery = Not calculated						
Na 330.237	5.7	0.0068	0.04634	mg/L	0.0068	680.43 %
2009/04/24 16:18:24 QC value within limits for Na 330.237 Recovery = Not calculated						
Pb 220.353	-14.3	-0.0015	0.00045	mg/L	-0.0015	29.52 %
2009/04/24 16:18:24 QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836	-7.0	-0.0044	0.00390	mg/L	-0.0044	88.09 %
2009/04/24 16:18:24 QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026	-2.0	-0.0026	0.00372	mg/L	-0.0026	142.14 %
2009/04/24 16:18:24 QC value within limits for Se 196.026 Recovery = Not calculated						
Tl 190.801	-2.5	-0.0029	0.00265	mg/L	-0.0029	90.02 %
2009/04/24 16:18:24 QC value within limits for Tl 190.801 Recovery = Not calculated						
V 292.402	-14.7	0.0000	0.00005	mg/L	0.0000	93.26 %
2009/04/24 16:18:24 QC value within limits for V 292.402 Recovery = Not calculated						
Zn 213.857	-65.6	-0.0012	0.00019	mg/L	-0.0012	16.15 %
2009/04/24 16:18:24 QC value within limits for Zn 213.857 Recovery = Not calculated						
Cr 267.716	15.5	0.0001	0.00024	mg/L	0.0001	298.94 %
2009/04/24 16:18:24 QC value within limits for Cr 267.716 Recovery = Not calculated						
Cu 324.752	-927.6	-0.0023	0.00058	mg/L	-0.0023	25.20 %
2009/04/24 16:18:24 QC value within limits for Cu 324.752 Recovery = Not calculated						
Ni 227.022	6.3	0.0005	0.00066	mg/L	0.0005	145.38 %
2009/04/24 16:18:24 QC value within limits for Ni 227.022 Recovery = Not calculated						
K 766.490	-3,095.5	-0.0152	0.00027	mg/L	-0.0152	1.77 %
2009/04/24 16:18:24 QC value within limits for K 766.490 Recovery = Not calculated						
Na 589.592	-13,707.1	-0.0331	0.00050	mg/L	-0.0331	1.50 %
2009/04/24 16:18:24 QC value within limits for Na 589.592 Recovery = Not calculated						

Mean Data

ID: 1490.01 x200 rr Seq. No.: 67 A/S Pos: 44

Sample Qty: g Prep. Vol.: Dilution: : Date: 2009/04/24 16:23:01

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD

Y 371.029	2,538,451.5	0.953	0.0042	mg/L			mg/L	0.44 %
Y 324.227	1,539,757.3	0.981	0.0041	mg/L			mg/L	0.42 %
Sc 361.383	3,972,735.5	0.951	0.0079	mg/L			mg/L	0.83 %
Sc 357.253	2,915,200.9	0.995	0.0073	mg/L			mg/L	0.73 %
Ag 328.068	-27.0	0.000	0.0002	mg/L	0.000	0.0002	mg/L	145.55 %
Al 308.215	-300.4	-0.0090	0.00286	mg/L	-0.0090	0.00286	mg/L	31.71 %
Al 396.153	306.1	0.0027	0.00036	mg/L	0.0027	0.00036	mg/L	13.59 %
As 188.979	1.2	0.0018	0.00213	mg/L	0.0018	0.00213	mg/L	115.83 %
Ba 493.408	2,460.8	0.0005	0.00006	mg/L	0.0005	0.00006	mg/L	11.67 %
Be 313.107	-2,933.9	-0.0005	0.00006	mg/L	-0.0005	0.00006	mg/L	12.69 %
Ca 317.933	330,484.7	1.43	0.009	mg/L	1.43	0.009	mg/L	0.66 %
Ca 315.887	197,873.3	1.50	0.015	mg/L	1.50	0.015	mg/L	0.98 %
Cd 214.440	-39.0	-0.0004	0.00010	mg/L	-0.0004	0.00010	mg/L	23.36 %
Co 228.616	5.7	0.0002	0.00007	mg/L	0.0002	0.00007	mg/L	27.90 %
Fe 238.204	1,383.2	0.0155	0.00016	mg/L	0.0155	0.00016	mg/L	1.01 %
Fe 238.863	419.1	0.0159	0.00058	mg/L	0.0159	0.00058	mg/L	3.64 %
Mg 279.077	90,348.1	4.28	0.043	mg/L	4.28	0.043	mg/L	1.01 %
Mn 257.610	286.5	0.0005	0.00006	mg/L	0.0005	0.00006	mg/L	12.84 %
Mo 202.031	-1.4	-0.0001	0.00021	mg/L	-0.0001	0.00021	mg/L	192.98 %
Na 330.237	38,028.0	39.1	0.53	mg/L	39.1	0.53	mg/L	1.34 %
Pb 220.353	-14.4	-0.0016	0.00016	mg/L	-0.0016	0.00016	mg/L	10.21 %
Sb 206.836	-7.4	-0.0046	0.00273	mg/L	-0.0046	0.00273	mg/L	58.77 %
Se 196.026	-1.4	-0.0018	0.00460	mg/L	-0.0018	0.00460	mg/L	254.46 %

Tl 190.801	-2.8	-0.0033	0.00439	mg/L	-0.0033	0.00439	mg/L	132.72 %
V 292.402	-8.0	0.0000	0.00007	mg/L	0.0000	0.00007	mg/L	252.95 %
Zn 213.857	49.7	0.0009	0.00013	mg/L	0.0009	0.00013	mg/L	14.53 %
Cr 267.716	52.7	0.0003	0.00006	mg/L	0.0003	0.00006	mg/L	22.38 %
Cu 324.752	-1,414.4	-0.0035	0.00020	mg/L	-0.0035	0.00020	mg/L	5.75 %
Ni 227.022	9.3	0.0007	0.00020	mg/L	0.0007	0.00020	mg/L	30.74 %
K 766.490	460,028.0	2.26	0.014	mg/L	2.26	0.014	mg/L	0.64 %
Na 589.592				mg/L			mg/L	%

Mean Data

ID: 1490.02 x200 rr **Seq. No.:** 68 **A/S Pos:** 45

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 16:28:04

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,551,121.4	0.957	0.0019	mg/L			mg/L	0.20 %
Y 324.227	1,547,257.4	0.986	0.0017	mg/L			mg/L	0.18 %
Sc 361.383	3,983,826.3	0.954	0.0016	mg/L			mg/L	0.16 %
Sc 357.253	2,920,713.7	0.996	0.0011	mg/L			mg/L	0.12 %
Ag 328.068	-26.8	0.000	0.0001	mg/L	0.000	0.0001	mg/L	74.43 %
Al 308.215	-319.2	-0.0096	0.00077	mg/L	-0.0096	0.00077	mg/L	8.08 %
Al 396.153	409.7	0.0036	0.00009	mg/L	0.0036	0.00009	mg/L	2.44 %
As 188.979	1.3	0.0020	0.00199	mg/L	0.0020	0.00199	mg/L	98.63 %
Ba 493.408	1,299.7	0.0003	0.00004	mg/L	0.0003	0.00004	mg/L	13.46 %
Be 313.107	-2,952.0	-0.0005	0.00001	mg/L	-0.0005	0.00001	mg/L	2.16 %
Ca 317.933	329,581.9	1.43	0.003	mg/L	1.43	0.003	mg/L	0.24 %
Ca 315.887	196,439.8	1.48	0.010	mg/L	1.48	0.010	mg/L	0.67 %
Cd 214.440	-45.0	-0.0005	0.00008	mg/L	-0.0005	0.00008	mg/L	16.04 %

Co 228.616	1.4	0.0001	0.00012	mg/L	0.0001	0.00012	mg/L	217.59 %
Fe 238.204	532.0	0.0059	0.00012	mg/L	0.0059	0.00012	mg/L	2.04 %
Fe 238.863	155.3	0.0059	0.00017	mg/L	0.0059	0.00017	mg/L	2.93 %
Mg 279.077	88,375.3	4.19	0.020	mg/L	4.19	0.020	mg/L	0.48 %
Mn 257.610	258.0	0.0004	0.00001	mg/L	0.0004	0.00001	mg/L	1.29 %
Mo 202.031	-1.2	-0.0001	0.00038	mg/L	-0.0001	0.00038	mg/L	389.34 %
Na 330.237	37,037.8	38.2	0.26	mg/L	38.2	0.26	mg/L	0.68 %
Pb 220.353	-12.6	-0.0014	0.00130	mg/L	-0.0014	0.00130	mg/L	96.31 %
Sb 206.836	-7.2	-0.0046	0.00057	mg/L	-0.0046	0.00057	mg/L	12.41 %
Se 196.026	-1.3	-0.0017	0.00386	mg/L	-0.0017	0.00386	mg/L	221.50 %
Tl 190.801	-4.4	-0.0051	0.00224	mg/L	-0.0051	0.00224	mg/L	43.77 %
V 292.402	-21.6	-0.0001	0.00007	mg/L	-0.0001	0.00007	mg/L	97.73 %
Zn 213.857	-1.0	0.0000	0.00003	mg/L	0.0000	0.00003	mg/L	189.15 %
Cr 267.716	-7.3	0.0000	0.00013	mg/L	0.0000	0.00013	mg/L	354.40 %
Cu 324.752	-1,768.5	-0.0044	0.00014	mg/L	-0.0044	0.00014	mg/L	3.10 %
Ni 227.022	4.8	0.0003	0.00079	mg/L	0.0003	0.00079	mg/L	230.07 %
K 766.490	446,186.6	2.20	0.007	mg/L	2.20	0.007	mg/L	0.30 %
Na 589.592				mg/L			mg/L	%

Mean Data

ID: 1490.03 x200 rr **Seq. No.:** 69 **A/S Pos:** 46

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 16:33:09

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,551,749.5	0.958	0.0074	mg/L			mg/L	0.77 %
Y 324.227	1,546,461.5	0.985	0.0070	mg/L			mg/L	0.71 %
Sc 361.383	3,993,525.2	0.956	0.0101	mg/L			mg/L	1.06 %

Sc 357.253	2,924,765.1	0.998	0.0096	mg/L			mg/L	0.97 %
Ag 328.068	-33.9	0.000	0.0002	mg/L	0.000	0.0002	mg/L	105.01 %
Al 308.215	-360.2	-0.0108	0.00202	mg/L	-0.0108	0.00202	mg/L	18.67 %
Al 396.153	248.4	0.0022	0.00041	mg/L	0.0022	0.00041	mg/L	18.93 %
As 188.979	1.7	0.0026	0.00154	mg/L	0.0026	0.00154	mg/L	58.35 %
Ba 493.408	886.3	0.0002	0.00001	mg/L	0.0002	0.00001	mg/L	7.50 %
Be 313.107	-3,001.4	-0.0005	0.00002	mg/L	-0.0005	0.00002	mg/L	4.77 %
Ca 317.933	400,452.9	1.74	0.017	mg/L	1.74	0.017	mg/L	0.98 %
Ca 315.887	240,201.7	1.81	0.011	mg/L	1.81	0.011	mg/L	0.62 %
Cd 214.440	-49.0	-0.0005	0.00004	mg/L	-0.0005	0.00004	mg/L	7.27 %
Co 228.616	6.0	0.0003	0.00021	mg/L	0.0003	0.00021	mg/L	81.65 %
Fe 238.204	1,298.9	0.0145	0.00014	mg/L	0.0145	0.00014	mg/L	0.98 %
Fe 238.863	393.1	0.0149	0.00047	mg/L	0.0149	0.00047	mg/L	3.12 %
Mg 279.077	95,803.0	4.54	0.030	mg/L	4.54	0.030	mg/L	0.67 %
Mn 257.610	1,119.6	0.0019	0.00001	mg/L	0.0019	0.00001	mg/L	0.47 %
Mo 202.031	0.4	0.0000	0.00014	mg/L	0.0000	0.00014	mg/L	425.34 %
Na 330.237	39,154.2	40.1	0.22	mg/L	40.1	0.22	mg/L	0.54 %
Pb 220.353	-17.4	-0.0019	0.00083	mg/L	-0.0019	0.00083	mg/L	44.50 %
Sb 206.836	-6.5	-0.0041	0.00033	mg/L	-0.0041	0.00033	mg/L	8.07 %
Se 196.026	-0.9	-0.0012	0.00337	mg/L	-0.0012	0.00337	mg/L	291.44 %
Tl 190.801	-2.7	-0.0032	0.00228	mg/L	-0.0032	0.00228	mg/L	72.21 %
V 292.402	-29.5	-0.0001	0.00014	mg/L	-0.0001	0.00014	mg/L	136.56 %
Zn 213.857	-21.6	-0.0004	0.00004	mg/L	-0.0004	0.00004	mg/L	10.85 %

Cr 267.716	-9.0	0.0000	0.00029	mg/L	0.0000	0.00029	mg/L	622.34 %
Cu 324.752	-1,798.2	-0.0045	0.00011	mg/L	-0.0045	0.00011	mg/L	2.54 %
Ni 227.022	1.9	0.0001	0.00057	mg/L	0.0001	0.00057	mg/L	427.88 %
K 766.490	441,293.1	2.17	0.023	mg/L	2.17	0.023	mg/L	1.07 %
Na 589.592				mg/L			mg/L	%

Mean Data

ID: 1490.04 x200 rr **Seq. No.:** 70 **A/S Pos:** 47

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 16:38:09

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,559,191.9	0.960	0.0039	mg/L			mg/L	0.41 %
Y 324.227	1,552,593.5	0.989	0.0048	mg/L			mg/L	0.48 %
Sc 361.383	4,012,926.5	0.961	0.0055	mg/L			mg/L	0.57 %
Sc 357.253	2,941,982.3	1.00	0.006	mg/L			mg/L	0.57 %
Ag 328.068	-28.8	0.000	0.0001	mg/L	0.000	0.0001	mg/L	91.20 %
Al 308.215	-403.0	-0.0121	0.00108	mg/L	-0.0121	0.00108	mg/L	8.89 %
Al 396.153	334.8	0.0029	0.00019	mg/L	0.0029	0.00019	mg/L	6.56 %
As 188.979	-0.2	-0.0002	0.00381	mg/L	-0.0002	0.00381	mg/L	1,615.8 %
Ba 493.408	5,175.7	0.0011	0.00002	mg/L	0.0011	0.00002	mg/L	2.16 %
Be 313.107	-2,825.2	-0.0005	0.00002	mg/L	-0.0005	0.00002	mg/L	3.76 %
Ca 317.933	399,640.0	1.73	0.003	mg/L	1.73	0.003	mg/L	0.18 %
Ca 315.887	238,122.0	1.80	0.013	mg/L	1.80	0.013	mg/L	0.70 %
Cd 214.440	-55.7	-0.0006	0.00008	mg/L	-0.0006	0.00008	mg/L	12.85 %
Co 228.616	7.5	0.0003	0.00020	mg/L	0.0003	0.00020	mg/L	64.00 %
Fe 238.204	1,572.3	0.0176	0.00017	mg/L	0.0176	0.00017	mg/L	0.95 %
Fe 238.863	492.9	0.0187	0.00048	mg/L	0.0187	0.00048	mg/L	2.59 %

Mg 279.077	95,039.5	4.50	0.029	mg/L	4.50	0.029	mg/L	0.63 %
Mn 257.610	1,229.9	0.0021	0.00004	mg/L	0.0021	0.00004	mg/L	2.03 %
Mo 202.031	-7.3	-0.0006	0.00032	mg/L	-0.0006	0.00032	mg/L	56.31 %
Na 330.237	38,766.8	39.8	0.22	mg/L	39.8	0.22	mg/L	0.54 %
Pb 220.353	-20.6	-0.0022	0.00060	mg/L	-0.0022	0.00060	mg/L	27.28 %
Sb 206.836	-6.5	-0.0041	0.00028	mg/L	-0.0041	0.00028	mg/L	6.78 %
Se 196.026	0.5	0.0007	0.00410	mg/L	0.0007	0.00410	mg/L	579.13 %
Tl 190.801	-0.8	-0.0009	0.00144	mg/L	-0.0009	0.00144	mg/L	158.64 %
V 292.402	-24.0	-0.0001	0.00008	mg/L	-0.0001	0.00008	mg/L	96.03 %
Zn 213.857	23.1	0.0004	0.00011	mg/L	0.0004	0.00011	mg/L	27.98 %
Cr 267.716	-11.8	-0.0001	0.00005	mg/L	-0.0001	0.00005	mg/L	82.60 %
Cu 324.752	-1,768.5	-0.0044	0.00008	mg/L	-0.0044	0.00008	mg/L	1.84 %
Ni 227.022	7.2	0.0005	0.00054	mg/L	0.0005	0.00054	mg/L	103.70 %
K 766.490	442,751.9	2.18	0.023	mg/L	2.18	0.023	mg/L	1.06 %
Na 589.592				mg/L			mg/L	%

Mean Data

ID: 1490.01 x20 rr **Seq. No.:** 71 **A/S Pos:** 48

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 16:43:26

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,462,480.5	0.924	0.0096	mg/L			mg/L	1.03 %
Y 324.227	1,483,844.0	0.946	0.0027	mg/L			mg/L	0.28 %
Sc 361.383	3,872,098.1	0.927	0.0106	mg/L			mg/L	1.15 %
Sc 357.253	2,824,812.4	0.964	0.0032	mg/L			mg/L	0.33 %
Ag 328.068	22.5	0.000	0.0001	mg/L	0.000	0.0001	mg/L	50.04 %
Al 308.215	217.1	0.0065	0.00299	mg/L	0.0065	0.00299	mg/L	45.90 %

Al 396.153	1,566.4	0.0136	0.00023	mg/L	0.0136	0.00023	mg/L	1.68 %
As 188.979	3.0	0.0046	0.00194	mg/L	0.0046	0.00194	mg/L	41.75 %
Ba 493.408	21,510.3	0.0045	0.00004	mg/L	0.0045	0.00004	mg/L	0.81 %
Be 313.107	-3,620.2	-0.0006	0.00004	mg/L	-0.0006	0.00004	mg/L	6.61 %
Ca 317.933	3,256,986.1	14.1	0.21	mg/L	14.1	0.21	mg/L	1.51 %
Ca 315.887	1,938,426.4	14.6	0.18	mg/L	14.6	0.18	mg/L	1.22 %
Cd 214.440	-75.7	-0.0008	0.00005	mg/L	-0.0008	0.00005	mg/L	5.52 %
Co 228.616	5.8	0.0002	0.00024	mg/L	0.0002	0.00024	mg/L	98.06 %
Fe 238.204	3,523.6	0.0394	0.00050	mg/L	0.0394	0.00050	mg/L	1.27 %
Fe 238.863	1,073.0	0.0407	0.00072	mg/L	0.0407	0.00072	mg/L	1.77 %
Mg 279.077	893,376.9	42.3	0.52	mg/L	42.3	0.52	mg/L	1.22 %
Mn 257.610	1,549.7	0.0027	0.00004	mg/L	0.0027	0.00004	mg/L	1.49 %
Mo 202.031	-5.1	-0.0004	0.00023	mg/L	-0.0004	0.00023	mg/L	57.45 %
Na 330.237	486,787.4	277	2.1	mg/L	277	2.1	mg/L	0.76 %
Pb 220.353	-7.8	-0.0008	0.00056	mg/L	-0.0008	0.00056	mg/L	66.84 %
Sb 206.836	-1.6	-0.0010	0.00256	mg/L	-0.0010	0.00256	mg/L	256.07 %
Se 196.026	-4.8	-0.0063	0.00299	mg/L	-0.0063	0.00299	mg/L	47.78 %
Tl 190.801	-3.2	-0.0037	0.00430	mg/L	-0.0037	0.00430	mg/L	114.91 %
V 292.402	147.3	0.0005	0.00010	mg/L	0.0005	0.00010	mg/L	20.83 %
Zn 213.857	535.9	0.0095	0.00023	mg/L	0.0095	0.00023	mg/L	2.44 %
Cr 267.716	162.4	0.0008	0.00030	mg/L	0.0008	0.00030	mg/L	36.42 %
Cu 324.752	-1,307.0	-0.0033	0.00018	mg/L	-0.0033	0.00018	mg/L	5.54 %
Ni 227.022	25.7	0.0018	0.00066	mg/L	0.0018	0.00066	mg/L	35.88 %

K 766.490	8,715,307.1	42.9	0.66	mg/L	42.9	0.66	mg/L	1.54 %
Na 589.592				mg/L			mg/L	%

Mean Data

ID: 1490.02 x20 rr **Seq. No.:** 72 **A/S Pos:** 49

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 16:48:47

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,458,477.5	0.923	0.0032	mg/L			mg/L	0.35 %
Y 324.227	1,492,931.3	0.951	0.0069	mg/L			mg/L	0.72 %
Sc 361.383	3,863,652.9	0.925	0.0042	mg/L			mg/L	0.46 %
Sc 357.253	2,841,623.8	0.969	0.0078	mg/L			mg/L	0.80 %
Ag 328.068	0.7	0.000	0.0001	mg/L	0.000	0.0001	mg/L	4,275.5 %
Al 308.215	733.0	0.0220	0.00233	mg/L	0.0220	0.00233	mg/L	10.59 %
Al 396.153	3,493.3	0.0304	0.00024	mg/L	0.0304	0.00024	mg/L	0.79 %
As 188.979	5.5	0.0085	0.00461	mg/L	0.0085	0.00461	mg/L	54.52 %
Ba 493.408	21,272.2	0.0045	0.00007	mg/L	0.0045	0.00007	mg/L	1.62 %
Be 313.107	-3,706.5	-0.0006	0.00002	mg/L	-0.0006	0.00002	mg/L	3.16 %
Ca 317.933	3,239,115.8	14.1	0.09	mg/L	14.1	0.09	mg/L	0.61 %
Ca 315.887	1,934,905.5	14.6	0.11	mg/L	14.6	0.11	mg/L	0.74 %
Cd 214.440	-84.9	-0.0009	0.00012	mg/L	-0.0009	0.00012	mg/L	12.44 %
Co 228.616	7.3	0.0003	0.00034	mg/L	0.0003	0.00034	mg/L	112.21 %
Fe 238.204	4,498.8	0.0503	0.00023	mg/L	0.0503	0.00023	mg/L	0.46 %
Fe 238.863	1,378.9	0.0523	0.00031	mg/L	0.0523	0.00031	mg/L	0.60 %
Mg 279.077	875,762.0	41.5	0.28	mg/L	41.5	0.28	mg/L	0.67 %
Mn 257.610	2,067.3	0.0035	0.00002	mg/L	0.0035	0.00002	mg/L	0.59 %
Mo 202.031	-10.7	-0.0008	0.00028	mg/L	-0.0008	0.00028	mg/L	33.78 %

Na 330.237	475,635.3	273	1.4	mg/L	273	1.4	mg/L	0.52 %
Pb 220.353	-8.3	-0.0009	0.00056	mg/L	-0.0009	0.00056	mg/L	62.76 %
Sb 206.836	-0.5	-0.0003	0.00242	mg/L	-0.0003	0.00242	mg/L	714.86 %
Se 196.026	-1.8	-0.0024	0.00214	mg/L	-0.0024	0.00214	mg/L	87.87 %
Tl 190.801	-1.3	-0.0015	0.00439	mg/L	-0.0015	0.00439	mg/L	289.57 %
V 292.402	137.6	0.0005	0.00004	mg/L	0.0005	0.00004	mg/L	9.00 %
Zn 213.857	463.3	0.0082	0.00015	mg/L	0.0082	0.00015	mg/L	1.85 %
Cr 267.716	108.2	0.0006	0.00022	mg/L	0.0006	0.00022	mg/L	40.37 %
Cu 324.752	-1,574.3	-0.0039	0.00005	mg/L	-0.0039	0.00005	mg/L	1.35 %
Ni 227.022	30.7	0.0022	0.00064	mg/L	0.0022	0.00064	mg/L	29.18 %
K 766.490	8,488,582.0	41.8	0.38	mg/L	41.8	0.38	mg/L	0.90 %
Na 589.592				mg/L			mg/L	%

Mean Data

ID: 1490.03 x20 rr **Seq. No.:** 73 **A/S Pos:** 50

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 16:54:07

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,449,485.6	0.919	0.0033	mg/L			mg/L	0.35 %
Y 324.227	1,493,632.8	0.952	0.0073	mg/L			mg/L	0.77 %
Sc 361.383	3,851,682.4	0.922	0.0030	mg/L			mg/L	0.32 %
Sc 357.253	2,845,144.2	0.971	0.0075	mg/L			mg/L	0.77 %
Ag 328.068	13.2	0.000	0.0001	mg/L	0.000	0.0001	mg/L	222.07 %
Al 308.215	-36.8	-0.0011	0.00108	mg/L	-0.0011	0.00108	mg/L	97.46 %
Al 396.153	236.9	0.0021	0.00043	mg/L	0.0021	0.00043	mg/L	20.65 %
As 188.979	5.0	0.0077	0.00299	mg/L	0.0077	0.00299	mg/L	38.57 %
Ba 493.408	16,844.2	0.0036	0.00003	mg/L	0.0036	0.00003	mg/L	0.80 %

Be 313.107	-3,756.7	-0.0006	0.00001	mg/L	-0.0006	0.00001	mg/L	2.03 %
Ca 317.933	4,000,298.2	17.4	0.07	mg/L	17.4	0.07	mg/L	0.39 %
Ca 315.887	2,396,874.5	18.1	0.05	mg/L	18.1	0.05	mg/L	0.27 %
Cd 214.440	-89.3	-0.0010	0.00007	mg/L	-0.0010	0.00007	mg/L	6.77 %
Co 228.616	2.3	0.0001	0.00006	mg/L	0.0001	0.00006	mg/L	60.63 %
Fe 238.204	9,474.9	0.106	0.0008	mg/L	0.106	0.0008	mg/L	0.72 %
Fe 238.863	2,935.2	0.111	0.0013	mg/L	0.111	0.0013	mg/L	1.17 %
Mg 279.077	971,521.5	46.0	0.12	mg/L	46.0	0.12	mg/L	0.26 %
Mn 257.610	10,459.5	0.0179	0.00018	mg/L	0.0179	0.00018	mg/L	1.01 %
Mo 202.031	-12.9	-0.0010	0.00032	mg/L	-0.0010	0.00032	mg/L	31.48 %
Na 330.237	516,051.5	288	0.5	mg/L	288	0.5	mg/L	0.17 %
Pb 220.353	-6.7	-0.0007	0.00102	mg/L	-0.0007	0.00102	mg/L	141.73 %
Sb 206.836	-9.1	-0.0057	0.00060	mg/L	-0.0057	0.00060	mg/L	10.54 %
Se 196.026	-0.3	-0.0003	0.00273	mg/L	-0.0003	0.00273	mg/L	803.89 %
Tl 190.801	-4.2	-0.0049	0.00201	mg/L	-0.0049	0.00201	mg/L	41.12 %
V 292.402	38.9	0.0001	0.00017	mg/L	0.0001	0.00017	mg/L	126.93 %
Zn 213.857	167.8	0.0030	0.00001	mg/L	0.0030	0.00001	mg/L	0.47 %
Cr 267.716	125.9	0.0006	0.00038	mg/L	0.0006	0.00038	mg/L	59.27 %
Cu 324.752	-1,768.3	-0.0044	0.00015	mg/L	-0.0044	0.00015	mg/L	3.40 %
Ni 227.022	20.9	0.0015	0.00014	mg/L	0.0015	0.00014	mg/L	9.60 %
K 766.490	8,663,609.2	42.6	0.17	mg/L	42.6	0.17	mg/L	0.41 %
Na 589.592				mg/L			mg/L	%

Mean Data

ID: 1490.04 x20 rr | Seq. No.: 74 | A/S Pos: 51

Sample Qty: g | Prep. Vol.: | Dilution: | : | Date: 2009/04/24 16:59:35

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,474,263.5	0.929	0.0010	mg/L			mg/L	0.11 %
Y 324.227	1,483,061.8	0.945	0.0015	mg/L			mg/L	0.16 %
Sc 361.383	3,845,750.3	0.920	0.0068	mg/L			mg/L	0.73 %
Sc 357.253	2,822,944.2	0.963	0.0018	mg/L			mg/L	0.19 %
Ag 328.068	-18.7	0.000	0.0001	mg/L	0.000	0.0001	mg/L	64.69 %
Al 308.215	-52.7	-0.0016	0.00067	mg/L	-0.0016	0.00067	mg/L	42.45 %
Al 396.153	354.4	0.0031	0.00012	mg/L	0.0031	0.00012	mg/L	3.72 %
As 188.979	6.8	0.0104	0.00624	mg/L	0.0104	0.00624	mg/L	59.93 %
Ba 493.408	16,392.7	0.0035	0.00001	mg/L	0.0035	0.00001	mg/L	0.32 %
Be 313.107	-3,712.7	-0.0006	0.00000	mg/L	-0.0006	0.00000	mg/L	0.30 %
Ca 317.933	3,882,644.3	16.8	0.11	mg/L	16.8	0.11	mg/L	0.63 %
Ca 315.887	2,313,484.5	17.5	0.03	mg/L	17.5	0.03	mg/L	0.17 %
Cd 214.440	-96.6	-0.0011	0.00002	mg/L	-0.0011	0.00002	mg/L	1.46 %
Co 228.616	5.3	0.0002	0.00010	mg/L	0.0002	0.00010	mg/L	43.40 %
Fe 238.204	5,420.2	0.0606	0.00045	mg/L	0.0606	0.00045	mg/L	0.74 %
Fe 238.863	1,728.2	0.0655	0.00037	mg/L	0.0655	0.00037	mg/L	0.57 %
Mg 279.077	938,013.9	44.4	0.07	mg/L	44.4	0.07	mg/L	0.15 %
Mn 257.610	10,189.6	0.0175	0.00008	mg/L	0.0175	0.00008	mg/L	0.44 %
Mo 202.031	-14.1	-0.0011	0.00031	mg/L	-0.0011	0.00031	mg/L	28.22 %
Na 330.237	497,521.4	281	0.6	mg/L	281	0.6	mg/L	0.21 %
Pb 220.353	-3.1	-0.0003	0.00116	mg/L	-0.0003	0.00116	mg/L	341.77 %

Sb 206.836	-2.7	-0.0017	0.00346	mg/L	-0.0017	0.00346	mg/L	205.28 %
Se 196.026	-4.4	-0.0058	0.00516	mg/L	-0.0058	0.00516	mg/L	88.95 %
Tl 190.801	-4.3	-0.0050	0.00306	mg/L	-0.0050	0.00306	mg/L	61.38 %
V 292.402	8.8	0.0000	0.00005	mg/L	0.0000	0.00005	mg/L	166.52 %
Zn 213.857	181.7	0.0032	0.00002	mg/L	0.0032	0.00002	mg/L	0.73 %
Cr 267.716	203.2	0.0010	0.00031	mg/L	0.0010	0.00031	mg/L	29.30 %
Cu 324.752	-1,812.8	-0.0045	0.00020	mg/L	-0.0045	0.00020	mg/L	4.47 %
Ni 227.022	12.2	0.0009	0.00032	mg/L	0.0009	0.00032	mg/L	36.48 %
K 766.490	8,375,444.9	41.2	0.36	mg/L	41.2	0.36	mg/L	0.86 %
Na 589.592				mg/L			mg/L	%

Mean Data

ID: 1490.01 x2 rr **Seq. No.:** 75 **A/S Pos:** 52

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 17:05:08

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,145,195.8	0.805	0.0027	mg/L			mg/L	0.33 %
Y 324.227	1,316,374.8	0.839	0.0028	mg/L			mg/L	0.33 %
Sc 361.383	3,480,600.4	0.833	0.0036	mg/L			mg/L	0.43 %
Sc 357.253	2,507,380.1	0.855	0.0031	mg/L			mg/L	0.36 %
Ag 328.068	116.8	0.001	0.0001	mg/L	0.001	0.0001	mg/L	25.16 %
Al 308.215	1,336.4	0.0401	0.00134	mg/L	0.0401	0.00134	mg/L	3.35 %
Al 396.153	2,292.4	0.0200	0.00062	mg/L	0.0200	0.00062	mg/L	3.12 %
As 188.979	10.0	0.0154	0.00322	mg/L	0.0154	0.00322	mg/L	20.92 %
Ba 493.408	217,833.0	0.0461	0.00002	mg/L	0.0461	0.00002	mg/L	0.05 %
Be 313.107	-5,956.7	-0.0010	0.00003	mg/L	-0.0010	0.00003	mg/L	3.09 %
Ca 317.933	31,474,150.7	137	0.4	mg/L	137	0.4	mg/L	0.32 %

Ca 315.887	18,688,575.0	141	0.4	mg/L	141	0.4	mg/L	0.31 %
Cd 214.440	-40.2	-0.0004	0.00020	mg/L	-0.0004	0.00020	mg/L	45.09 %
Co 228.616	24.3	0.0010	0.00028	mg/L	0.0010	0.00028	mg/L	27.42 %
Fe 238.204	29,020.4	0.324	0.0017	mg/L	0.324	0.0017	mg/L	0.53 %
Fe 238.863	9,255.1	0.351	0.0005	mg/L	0.351	0.0005	mg/L	0.15 %
Mg 279.077	9,064,784.7	429	0.9	mg/L	429	0.9	mg/L	0.20 %
Mn 257.610	13,218.0	0.0226	0.00002	mg/L	0.0226	0.00002	mg/L	0.08 %
Mo 202.031	-15.1	-0.0012	0.00023	mg/L	-0.0012	0.00023	mg/L	19.29 %
Na 330.237	6,505,644.0	1280	0.8	mg/L	1280	0.8	mg/L	0.07 %
Pb 220.353	10.7	0.0012	0.00092	mg/L	0.0012	0.00092	mg/L	79.88 %
Sb 206.836	2.3	0.0014	0.00309	mg/L	0.0014	0.00309	mg/L	213.02 %
Se 196.026	-3.2	-0.0042	0.00942	mg/L	-0.0042	0.00942	mg/L	225.99 %
Tl 190.801	-10.8	-0.0126	0.00770	mg/L	-0.0126	0.00770	mg/L	61.11 %
V 292.402	1,522.8	0.0051	0.00001	mg/L	0.0051	0.00001	mg/L	0.26 %
Zn 213.857	5,289.3	0.0941	0.00023	mg/L	0.0941	0.00023	mg/L	0.25 %
Cr 267.716	1,027.9	0.0053	0.00060	mg/L	0.0053	0.00060	mg/L	11.43 %
Cu 324.752	6,349.3	0.0159	0.00089	mg/L	0.0159	0.00089	mg/L	5.60 %
Ni 227.022	49.0	0.0035	0.00069	mg/L	0.0035	0.00069	mg/L	19.66 %
K 766.490				mg/L			mg/L	%
Na 589.592				mg/L			mg/L	%

Mean Data

ID: 1490.02 x2 rr **Seq. No.:** 76 **A/S Pos:** 53

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 17:10:41

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,148,883.5	0.806	0.0015	mg/L			mg/L	0.19 %

Y 324.227	1,319,188.4	0.841	0.0014	mg/L			mg/L	0.17 %
Sc 361.383	3,484,260.0	0.834	0.0016	mg/L			mg/L	0.19 %
Sc 357.253	2,514,400.2	0.858	0.0013	mg/L			mg/L	0.16 %
Ag 328.068	106.9	0.000	0.0001	mg/L	0.000	0.0001	mg/L	29.49 %
Al 308.215	1,117.4	0.0335	0.00241	mg/L	0.0335	0.00241	mg/L	7.19 %
Al 396.153	974.8	0.0085	0.00060	mg/L	0.0085	0.00060	mg/L	7.12 %
As 188.979	9.6	0.0148	0.00310	mg/L	0.0148	0.00310	mg/L	20.97 %
Ba 493.408	205,331.8	0.0434	0.00009	mg/L	0.0434	0.00009	mg/L	0.21 %
Be 313.107	-5,928.7	-0.0010	0.00002	mg/L	-0.0010	0.00002	mg/L	2.33 %
Ca 317.933	31,378,752.1	136	0.3	mg/L	136	0.3	mg/L	0.22 %
Ca 315.887	18,630,562.7	141	0.4	mg/L	141	0.4	mg/L	0.26 %
Cd 214.440	-104.3	-0.0011	0.00014	mg/L	-0.0011	0.00014	mg/L	12.19 %
Co 228.616	25.7	0.0011	0.00042	mg/L	0.0011	0.00042	mg/L	38.46 %
Fe 238.204	21,671.3	0.242	0.0010	mg/L	0.242	0.0010	mg/L	0.43 %
Fe 238.863	6,881.8	0.261	0.0009	mg/L	0.261	0.0009	mg/L	0.35 %
Mg 279.077	9,029,828.7	428	1.3	mg/L	428	1.3	mg/L	0.30 %
Mn 257.610	13,404.6	0.0230	0.00007	mg/L	0.0230	0.00007	mg/L	0.32 %
Mo 202.031	-20.0	-0.0016	0.00031	mg/L	-0.0016	0.00031	mg/L	19.96 %
Na 330.237	6,489,980.8	1280	1.6	mg/L	1280	1.6	mg/L	0.12 %
Pb 220.353	-12.9	-0.0014	0.00030	mg/L	-0.0014	0.00030	mg/L	21.79 %
Sb 206.836	-8.4	-0.0053	0.00412	mg/L	-0.0053	0.00412	mg/L	77.54 %
Se 196.026	-0.5	-0.0007	0.00291	mg/L	-0.0007	0.00291	mg/L	440.56 %
Tl 190.801	-10.5	-0.0123	0.00230	mg/L	-0.0123	0.00230	mg/L	18.76 %

V 292.402	1,282.8	0.0043	0.00009	mg/L	0.0043	0.00009	mg/L	2.11 %
Zn 213.857	1,482.7	0.0264	0.00016	mg/L	0.0264	0.00016	mg/L	0.61 %
Cr 267.716	1,014.6	0.0052	0.00044	mg/L	0.0052	0.00044	mg/L	8.51 %
Cu 324.752	316.9	0.0008	0.00049	mg/L	0.0008	0.00049	mg/L	61.34 %
Ni 227.022	60.0	0.0043	0.00095	mg/L	0.0043	0.00095	mg/L	22.08 %
K 766.490				mg/L			mg/L	%
Na 589.592				mg/L			mg/L	%

Mean Data

ID: 1490.03 x2 rr **Seq. No.:** 77 **A/S Pos:** 54

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 17:16:36

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,103,903.5	0.790	0.0016	mg/L			mg/L	0.20 %
Y 324.227	1,291,575.5	0.823	0.0016	mg/L			mg/L	0.19 %
Sc 361.383	3,413,412.4	0.817	0.0009	mg/L			mg/L	0.11 %
Sc 357.253	2,462,837.1	0.840	0.0012	mg/L			mg/L	0.15 %
Ag 328.068	90.8	0.000	0.0001	mg/L	0.000	0.0001	mg/L	17.94 %
Al 308.215	1,301.4	0.0391	0.00195	mg/L	0.0391	0.00195	mg/L	4.99 %
Al 396.153	1,289.5	0.0112	0.00063	mg/L	0.0112	0.00063	mg/L	5.65 %
As 188.979	10.4	0.0161	0.00756	mg/L	0.0161	0.00756	mg/L	47.07 %
Ba 493.408	172,290.8	0.0364	0.00008	mg/L	0.0364	0.00008	mg/L	0.22 %
Be 313.107	-6,446.4	-0.0011	0.00004	mg/L	-0.0011	0.00004	mg/L	3.32 %
Ca 317.933	38,273,002.6	166	0.3	mg/L	166	0.3	mg/L	0.20 %
Ca 315.887	22,980,042.6	174	0.4	mg/L	174	0.4	mg/L	0.25 %
Cd 214.440	-83.9	-0.0009	0.00010	mg/L	-0.0009	0.00010	mg/L	11.11 %
Co 228.616	6.9	0.0003	0.00033	mg/L	0.0003	0.00033	mg/L	115.78 %

Fe 238.204	83,679.2	0.935	0.0038	mg/L	0.935	0.0038	mg/L	0.40 %
Fe 238.863	26,587.9	1.01	0.004	mg/L	1.01	0.004	mg/L	0.44 %
Mg 279.077	9,763,157.7	462	0.2	mg/L	462	0.2	mg/L	0.05 %
Mn 257.610	97,995.4	0.168	0.0005	mg/L	0.168	0.0005	mg/L	0.27 %
Mo 202.031	-28.7	-0.0022	0.00023	mg/L	-0.0022	0.00023	mg/L	10.43 %
Na 330.237	6,817,431.5	1310	1.0	mg/L	1310	1.0	mg/L	0.08 %
Pb 220.353	-19.2	-0.0021	0.00116	mg/L	-0.0021	0.00116	mg/L	56.37 %
Sb 206.836	-5.7	-0.0036	0.00390	mg/L	-0.0036	0.00390	mg/L	108.68 %
Se 196.026	1.9	0.0025	0.00397	mg/L	0.0025	0.00397	mg/L	161.37 %
Tl 190.801	-12.4	-0.0145	0.01224	mg/L	-0.0145	0.01224	mg/L	84.44 %
V 292.402	178.2	0.0006	0.00012	mg/L	0.0006	0.00012	mg/L	20.76 %
Zn 213.857	1,635.3	0.0291	0.00012	mg/L	0.0291	0.00012	mg/L	0.42 %
Cr 267.716	735.5	0.0038	0.00021	mg/L	0.0038	0.00021	mg/L	5.55 %
Cu 324.752	-551.9	-0.0014	0.00021	mg/L	-0.0014	0.00021	mg/L	14.94 %
Ni 227.022	18.3	0.0013	0.00061	mg/L	0.0013	0.00061	mg/L	46.61 %
K 766.490				mg/L			mg/L	%
Na 589.592				mg/L			mg/L	%

Mean Data

ID: 1490.04 x2 rr Seq. No.: 78 A/S Pos: 55

Sample Qty: g Prep. Vol.: Dilution: : Date: 2009/04/24 17:22:32

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,132,104.7	0.800	0.0024	mg/L			mg/L	0.29 %
Y 324.227	1,308,630.3	0.834	0.0024	mg/L			mg/L	0.29 %
Sc 361.383	3,458,619.1	0.828	0.0025	mg/L			mg/L	0.30 %
Sc 357.253	2,494,813.7	0.851	0.0028	mg/L			mg/L	0.33 %

Ag 328.068	118.7	0.001	0.0002	mg/L	0.001	0.0002	mg/L	43.96 %
Al 308.215	997.4	0.0299	0.00137	mg/L	0.0299	0.00137	mg/L	4.59 %
Al 396.153	252.1	0.0022	0.00051	mg/L	0.0022	0.00051	mg/L	23.04 %
As 188.979	5.8	0.0089	0.00287	mg/L	0.0089	0.00287	mg/L	32.21 %
Ba 493.408	163,438.7	0.0346	0.00006	mg/L	0.0346	0.00006	mg/L	0.16 %
Be 313.107	-6,014.7	-0.0010	0.00003	mg/L	-0.0010	0.00003	mg/L	2.56 %
Ca 317.933	37,526,382.3	163	0.8	mg/L	163	0.8	mg/L	0.51 %
Ca 315.887	22,499,983.2	170	0.8	mg/L	170	0.8	mg/L	0.50 %
Cd 214.440	-109.7	-0.0012	0.00002	mg/L	-0.0012	0.00002	mg/L	1.88 %
Co 228.616	14.5	0.0006	0.00023	mg/L	0.0006	0.00023	mg/L	37.66 %
Fe 238.204	30,170.8	0.337	0.0021	mg/L	0.337	0.0021	mg/L	0.63 %
Fe 238.863	9,657.6	0.366	0.0015	mg/L	0.366	0.0015	mg/L	0.41 %
Mg 279.077	9,567,580.2	453	1.1	mg/L	453	1.1	mg/L	0.24 %
Mn 257.610	94,768.9	0.162	0.0011	mg/L	0.162	0.0011	mg/L	0.70 %
Mo 202.031	-30.5	-0.0024	0.00024	mg/L	-0.0024	0.00024	mg/L	10.03 %
Na 330.237	6,679,539.6	1300	1.6	mg/L	1300	1.6	mg/L	0.13 %
Pb 220.353	-9.1	-0.0010	0.00148	mg/L	-0.0010	0.00148	mg/L	150.99 %
Sb 206.836	1.0	0.0006	0.00388	mg/L	0.0006	0.00388	mg/L	632.21 %
Se 196.026	-5.0	-0.0066	0.00756	mg/L	-0.0066	0.00756	mg/L	113.77 %
Tl 190.801	-13.3	-0.0155	0.00941	mg/L	-0.0155	0.00941	mg/L	60.83 %
V 292.402	139.3	0.0005	0.00010	mg/L	0.0005	0.00010	mg/L	22.08 %
Zn 213.857	1,456.4	0.0259	0.00022	mg/L	0.0259	0.00022	mg/L	0.86 %
Cr 267.716	404.9	0.0021	0.00015	mg/L	0.0021	0.00015	mg/L	6.99 %

Cu 324.752	-1,262.5	-0.0032	0.00018	mg/L	-0.0032	0.00018	mg/L	5.79 %
Ni 227.022	11.6	0.0008	0.00063	mg/L	0.0008	0.00063	mg/L	76.23 %
K 766.490				mg/L			mg/L	%
Na 589.592				mg/L			mg/L	%

Mean Data

ID: ICVS (3) **Seq. No.:** 80 **A/S Pos:** 5

2009/04/24 17:33:59 QC Failed. Continue with analysis.

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 17:33:32

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,550,378.5	0.957	0.0092	mg/L				0.97 %
Y 324.227	1,545,553.8	0.985	0.0091	mg/L				0.93 %
Sc 361.383	3,964,664.3	0.949	0.0100	mg/L				1.05 %
Sc 357.253	2,915,521.3	0.995	0.0099	mg/L				0.99 %
Ag 328.068	-50.8	0.000	0.0000	mg/L	0.000			20.69 %
Al 308.215	-371.4	-0.0112	0.00279	mg/L	-0.0112			25.05 %
Al 396.153	169.9	0.0015	0.00025	mg/L	0.0015			16.57 %
As 188.979	1.2	0.0018	0.00149	mg/L	0.0018			82.56 %
Ba 493.408	-988.0	-0.0002	0.00002	mg/L	-0.0002			9.77 %
Be 313.107	-2,804.3	-0.0005	0.00003	mg/L	-0.0005			5.75 %
Ca 317.933	4,196.8	0.0182	0.01002	mg/L	0.0182			55.00 %
Ca 315.887	2,161.1	0.0163	0.01137	mg/L	0.0163			69.62 %
Cd 214.440	-36.9	-0.0004	0.00007	mg/L	-0.0004			17.52 %
Co 228.616	2.3	0.0001	0.00021	mg/L	0.0001			213.56 %
Fe 238.204	45.2	0.0005	0.00004	mg/L	0.0005			8.47 %
Fe 238.863	2.0	0.0001	0.00040	mg/L	0.0001			519.76 %
Mg 279.077	721.6	0.0342	0.03037	mg/L	0.0342			88.85 %

Mn 257.610	7.1	0.0000	0.00002	mg/L	0.0000	138.95 %
Mo 202.031	-3.0	-0.0002	0.00042	mg/L	-0.0002	178.56 %
Na 330.237	5,022.1	5.82	0.211	mg/L	5.82	3.63 %
Pb 220.353	-19.9	-0.0021	0.00051	mg/L	-0.0021	23.70 %
Sb 206.836	-5.9	-0.0037	0.00063	mg/L	-0.0037	16.95 %
Se 196.026	-2.3	-0.0030	0.00258	mg/L	-0.0030	84.97 %
Tl 190.801	1.8	0.0020	0.00422	mg/L	0.0020	206.85 %
V 292.402	-7.4	0.0000	0.00003	mg/L	0.0000	132.06 %
Zn 213.857	-69.8	-0.0012	0.00014	mg/L	-0.0012	11.31 %
Cr 267.716	-39.6	-0.0002	0.00005	mg/L	-0.0002	25.70 %
Cu 324.752	-1,864.3	-0.0047	0.00005	mg/L	-0.0047	1.01 %
Ni 227.022	2.6	0.0002	0.00042	mg/L	0.0002	222.47 %
K 766.490	1,096,638.5	5.40	0.036	mg/L	5.40	0.66 %
2009/04/24 17:33:58 QC value within limits for K 766.490 Recovery = 107.95%						
Na 589.592	2,790,408.8	6.75	2.035	mg/L	6.75	30.15 %
2009/04/24 17:33:58 QC value greater than the upper limit for Na 589.592 Recovery = 134.95%						

Mean Data

ID: CCVS **Seq. No.:** 81 **A/S Pos:** 3

2009/04/24 17:39:03 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 17:38:35

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,573,134.9	0.966	0.0086	mg/L				0.89 %
Y 324.227	1,559,458.0	0.994	0.0089	mg/L				0.90 %
Sc 361.383	4,007,043.9	0.959	0.0116	mg/L				1.20 %
Sc 357.253	2,946,163.6	1.01	0.012	mg/L				1.22 %
Ag 328.068	20,538.9	0.095	0.0002	mg/L	0.095			0.23 %
2009/04/24 17:39:01 QC value within limits for Ag 328.068 Recovery = 94.62%								
Al 308.215	16,444.5	0.494	0.0064	mg/L	0.494			1.30 %
Al 396.153	58,550.4	0.510	0.0047	mg/L	0.510			0.92 %
2009/04/24 17:39:01 QC value within limits for Al 396.153 Recovery = 102.04%								

As 188.979	327.4	0.504	0.0019	mg/L	0.504	0.39 %
2009/04/24 17:39:01 QC value within limits for As 188.979 Recovery = 100.77%						
Ba 493.408	2,528,769.8	0.535	0.0041	mg/L	0.535	0.76 %
2009/04/24 17:39:01 QC value within limits for Ba 493.408 Recovery = 106.97%						
Be 313.107	2,966,020.7	0.499	0.0037	mg/L	0.499	0.74 %
2009/04/24 17:39:01 QC value within limits for Be 313.107 Recovery = 99.77%						
Ca 317.933	118,545.7	0.514	0.0051	mg/L	0.514	1.00 %
2009/04/24 17:39:01 QC value within limits for Ca 317.933 Recovery = 102.88%						
Ca 315.887	70,919.2	0.536	0.0051	mg/L	0.536	0.95 %
Cd 214.440	45,971.2	0.505	0.0040	mg/L	0.505	0.79 %
2009/04/24 17:39:01 QC value within limits for Cd 214.440 Recovery = 100.91%						
Co 228.616	12,147.3	0.510	0.0042	mg/L	0.510	0.83 %
2009/04/24 17:39:01 QC value within limits for Co 228.616 Recovery = 101.93%						
Fe 238.204	45,484.1	0.508	0.0039	mg/L	0.508	0.77 %
2009/04/24 17:39:01 QC value within limits for Fe 238.204 Recovery = 101.66%						
Fe 238.863	14,625.2	0.555	0.0056	mg/L	0.555	1.00 %
Mg 279.077	10,489.3	0.497	0.0043	mg/L	0.497	0.86 %
2009/04/24 17:39:01 QC value within limits for Mg 279.077 Recovery = 99.37%						
Mn 257.610	298,133.4	0.511	0.0044	mg/L	0.511	0.86 %
2009/04/24 17:39:01 QC value within limits for Mn 257.610 Recovery = 102.17%						
Mo 202.031	6,474.2	0.504	0.0056	mg/L	0.504	1.12 %
2009/04/24 17:39:01 QC value within limits for Mo 202.031 Recovery = 100.71%						
Na 330.237	-1,429.9	-1.71	0.039	mg/L	-1.71	2.30 %
Pb 220.353	4,663.9	0.502	0.0039	mg/L	0.502	0.77 %
2009/04/24 17:39:01 QC value within limits for Pb 220.353 Recovery = 100.37%						
Sb 206.836	813.4	0.512	0.0099	mg/L	0.512	1.94 %
2009/04/24 17:39:01 QC value within limits for Sb 206.836 Recovery = 102.47%						
Se 196.026	375.7	0.495	0.0073	mg/L	0.495	1.48 %
2009/04/24 17:39:01 QC value within limits for Se 196.026 Recovery = 98.92%						
Tl 190.801	423.7	0.494	0.0038	mg/L	0.494	0.78 %
2009/04/24 17:39:01 QC value within limits for Tl 190.801 Recovery = 98.77%						
V 292.402	151,927.5	0.512	0.0043	mg/L	0.512	0.85 %
2009/04/24 17:39:01 QC value within limits for V 292.402 Recovery = 102.39%						
Zn 213.857	28,574.7	0.508	0.0057	mg/L	0.508	1.11 %
2009/04/24 17:39:01 QC value within limits for Zn 213.857 Recovery = 101.69%						
Cr 267.716	98,844.5	0.508	0.0043	mg/L	0.508	0.85 %
2009/04/24 17:39:01 QC value within limits for Cr 267.716 Recovery = 101.63%						
Cu 324.752	207,546.3	0.5188	0.00820	mg/L	0.5188	1.58 %
2009/04/24 17:39:01 QC value within limits for Cu 324.752 Recovery = 103.75%						
Ni 227.022	6,864.3	0.492	0.0034	mg/L	0.492	0.70 %
2009/04/24 17:39:01 QC value within limits for Ni 227.022 Recovery = 98.33%						
K 766.490	-428.6	-0.0021	0.00013	mg/L	-0.0021	6.32 %

Na 589.592	83,107.2	0.201	0.0076	mg/L	0.201		3.76 %

Mean Data

ID: CCB **Seq. No.:** 82 **A/S Pos:** 7

2009/04/24 17:43:59 QC Failed. Continue with analysis.

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 17:43:31

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,556,560.0	0.959	0.0085	mg/L				0.89 %
Y 324.227	1,551,445.8	0.989	0.0093	mg/L				0.94 %
Sc 361.383	3,976,357.3	0.952	0.0123	mg/L				1.29 %
Sc 357.253	2,932,038.7	1.00	0.013	mg/L				1.31 %
Ag 328.068	-49.1	0.000	0.0002	mg/L	0.000			68.58 %
Al 308.215	-506.2	-0.0152	0.00231	mg/L	-0.0152			15.21 %
2009/04/24 17:43:57 QC value within limits for Al 308.215 Recovery = Not calculated								
Al 396.153	27.5	0.0002	0.00014	mg/L	0.0002			59.25 %
2009/04/24 17:43:57 QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979	2.4	0.0037	0.00165	mg/L	0.0037			44.65 %
2009/04/24 17:43:57 QC value within limits for As 188.979 Recovery = Not calculated								
Ba 493.408	-842.8	-0.0002	0.00004	mg/L	-0.0002			21.75 %
2009/04/24 17:43:57 QC value within limits for Ba 493.408 Recovery = Not calculated								
Be 313.107	-2,533.1	-0.0004	0.00003	mg/L	-0.0004			7.77 %
2009/04/24 17:43:57 QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933	-613.5	-0.0027	0.00070	mg/L	-0.0027			26.35 %
2009/04/24 17:43:57 QC value within limits for Ca 317.933 Recovery = Not calculated								
Ca 315.887	-646.2	-0.0049	0.00133	mg/L	-0.0049			27.25 %
Cd 214.440	-39.8	-0.0004	0.00006	mg/L	-0.0004			12.91 %
2009/04/24 17:43:57 QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616	7.4	0.0003	0.00026	mg/L	0.0003			84.10 %
2009/04/24 17:43:57 QC value within limits for Co 228.616 Recovery = Not calculated								
Fe 238.204	7.2	0.0001	0.00012	mg/L	0.0001			152.07 %
2009/04/24 17:43:57 QC value within limits for Fe 238.204 Recovery = Not calculated								
Fe 238.863	-3.3	-0.0001	0.00014	mg/L	-0.0001			108.05 %
Mg 279.077	2.7	0.0001	0.00111	mg/L	0.0001			871.57 %
2009/04/24 17:43:57 QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	18.9	0.0000	0.00002	mg/L	0.0000			67.45 %
2009/04/24 17:43:57 QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	-0.3	0.0000	0.00018	mg/L	0.0000			806.36 %
2009/04/24 17:43:57 QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 330.237	83.0	0.0984	0.00901	mg/L	0.0984			9.16 %
2009/04/24 17:43:57 QC value within limits for Na 330.237 Recovery = Not calculated								

Pb 220.353	-19.8	-0.0021	0.00086	mg/L	-0.0021	40.50 %
2009/04/24 17:43:57 QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836	-9.5	-0.0060	0.00261	mg/L	-0.0060	43.35 %
2009/04/24 17:43:57 QC value less than the lower limit for Sb 206.836 Recovery = Not calculated						
Se 196.026	-0.4	-0.0005	0.00283	mg/L	-0.0005	556.84 %
2009/04/24 17:43:57 QC value within limits for Se 196.026 Recovery = Not calculated						
Tl 190.801	2.1	0.0025	0.00247	mg/L	0.0025	99.08 %
2009/04/24 17:43:57 QC value within limits for Tl 190.801 Recovery = Not calculated						
V 292.402	-39.4	-0.0001	0.00009	mg/L	-0.0001	66.84 %
2009/04/24 17:43:57 QC value within limits for V 292.402 Recovery = Not calculated						
Zn 213.857	-74.4	-0.0013	0.00008	mg/L	-0.0013	6.26 %
2009/04/24 17:43:57 QC value within limits for Zn 213.857 Recovery = Not calculated						
Cr 267.716	-41.8	-0.0002	0.00013	mg/L	-0.0002	62.43 %
2009/04/24 17:43:57 QC value within limits for Cr 267.716 Recovery = Not calculated						
Cu 324.752	-865.4	-0.0022	0.00043	mg/L	-0.0022	20.09 %
2009/04/24 17:43:57 QC value within limits for Cu 324.752 Recovery = Not calculated						
Ni 227.022	6.5	0.0005	0.00061	mg/L	0.0005	130.19 %
2009/04/24 17:43:57 QC value within limits for Ni 227.022 Recovery = Not calculated						
K 766.490	-2,554.0	-0.0126	0.00079	mg/L	-0.0126	6.26 %
2009/04/24 17:43:57 QC value within limits for K 766.490 Recovery = Not calculated						
Na 589.592	17,050.4	0.0412	0.00385	mg/L	0.0412	9.33 %
2009/04/24 17:43:57 QC value within limits for Na 589.592 Recovery = Not calculated						

Mean Data **Seq. No.:** 83 **A/S Pos:** 13

ID: ICS (B) **Date:** 2009/04/24 17:48:34

2009/04/24 17:49:01 All analyte(s) passed QC.

Sample Qty:	g	**Prep. Vol.:**	**Dilution:**	:			
Analyte	**Corr. Intensity**	**Conc (Calib)**	**Std. Dev.**	**Calib Units**	**Conc (Sample)**	**Std. Dev.**	**Sample Units**	**RSD**
Y 371.029	2,560,789.4	0.961	0.0021	mg/L				0.22 %
Y 324.227	1,554,318.7	0.990	0.0028	mg/L				0.29 %
Sc 361.383	3,963,099.2	0.949	0.0025	mg/L				0.27 %
Sc 357.253	2,922,780.7	0.997	0.0036	mg/L				0.36 %
Ag 328.068	203,786.0	0.939	0.0229	mg/L	0.939			2.44 %
Al 308.215	-467.3	-0.0140	0.00210	mg/L	-0.0140			14.98 %
Al 396.153	14.4	0.0001	0.00010	mg/L	0.0001			82.66 %
As 188.979	1.4	0.0021	0.00179	mg/L	0.0021			86.02 %
Ba 493.408	2,490,284.6	0.527	0.0009	mg/L	0.527			0.16 %
2009/04/24 17:49:00 QC value within limits for Ba 493.408 Recovery = 105.34%								
Be 313.107	2,927,677.8	0.492	0.0009	mg/L	0.492			0.19 %
2009/04/24 17:49:00 QC value within limits for Be 313.107 Recovery = 98.48%								

Ca 317.933	87.9	0.0004	0.00013	mg/L	0.0004	34.49 %
Ca 315.887	-452.5	-0.0034	0.00097	mg/L	-0.0034	28.49 %
Cd 214.440	92,715.8	1.02	0.005	mg/L	1.02	0.45 %
2009/04/24 17:49:00 QC value within limits for Cd 214.440 Recovery = 101.76%						
Co 228.616	11,872.7	0.498	0.0036	mg/L	0.498	0.73 %
2009/04/24 17:49:00 QC value within limits for Co 228.616 Recovery = 99.63%						
Fe 238.204	644.7	0.0072	0.00010	mg/L	0.0072	1.37 %
Fe 238.863	516.7	0.0196	0.00023	mg/L	0.0196	1.15 %
Mg 279.077	-84.0	-0.0040	0.00036	mg/L	-0.0040	9.12 %
Mn 257.610	299,189.3	0.513	0.0038	mg/L	0.513	0.74 %
2009/04/24 17:49:00 QC value within limits for Mn 257.610 Recovery = 102.53%						
Mo 202.031	-2.4	-0.0002	0.00027	mg/L	-0.0002	146.57 %
Na 330.237	-2,755.7	-3.31	0.068	mg/L	-3.31	2.05 %
Pb 220.353	9,399.1	1.01	0.004	mg/L	1.01	0.44 %
2009/04/24 17:49:00 QC value within limits for Pb 220.353 Recovery = 101.14%						
Sb 206.836	7.5	0.0047	0.00294	mg/L	0.0047	62.53 %
Se 196.026	-4.9	-0.0064	0.00433	mg/L	-0.0064	67.55 %
Tl 190.801	3.5	0.0040	0.00566	mg/L	0.0040	140.63 %
V 292.402	154,553.3	0.521	0.0038	mg/L	0.521	0.72 %
2009/04/24 17:49:00 QC value within limits for V 292.402 Recovery = 104.16%						
Zn 213.857	57,534.6	1.02	0.006	mg/L	1.02	0.63 %
2009/04/24 17:49:00 QC value within limits for Zn 213.857 Recovery = 102.38%						
Cr 267.716	99,550.7	0.512	0.0035	mg/L	0.512	0.68 %
2009/04/24 17:49:00 QC value within limits for Cr 267.716 Recovery = 102.36%						
Cu 324.752	204,856.0	0.5120	0.00670	mg/L	0.5120	1.31 %
2009/04/24 17:49:00 QC value within limits for Cu 324.752 Recovery = 102.41%						
Ni 227.022	13,765.0	0.986	0.0059	mg/L	0.986	0.60 %
2009/04/24 17:49:00 QC value within limits for Ni 227.022 Recovery = 98.59%						
K 766.490	-2,455.2	-0.0121	0.00072	mg/L	-0.0121	5.97 %
Na 589.592	8,044.5	0.0195	0.00173	mg/L	0.0195	8.91 %

Mean Data

ID: ICS (AB) **Seq. No.:** 84 **A/S Pos:** 14

2009/04/24 17:55:17 QC Failed. Continue with analysis.

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 17:54:49

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD

Y 371.029	2,293,223.5	0.861	0.0014	mg/L		0.16 %
Y 324.227	1,397,084.5	0.890	0.0012	mg/L		0.13 %
Sc 361.383	3,664,467.5	0.877	0.0023	mg/L		0.26 %
Sc 357.253	2,664,976.5	0.909	0.0025	mg/L		0.28 %
Ag 328.068	198,983.8	0.917	0.0037	mg/L	0.917	0.40 %
Al 308.215	17,295,028.3	519	2.1	mg/L	519	0.40 %
2009/04/24 17:55:16 QC value within limits for Al 308.215 Recovery = 103.84%						
Al 396.153						%
As 188.979	18.6	0.0287	0.00482	mg/L	0.0287	16.82 %
Ba 493.408	2,686,661.1	0.568	0.0019	mg/L	0.568	0.33 %
2009/04/24 17:55:16 QC value within limits for Ba 493.408 Recovery = 113.65%						
Be 313.107	2,933,561.2	0.493	0.0018	mg/L	0.493	0.37 %
2009/04/24 17:55:16 QC value within limits for Be 313.107 Recovery = 98.67%						
Ca 317.933						%
Ca 315.887	62,835,624.0	475	1.0	mg/L	475	0.22 %
2009/04/24 17:55:16 QC value within limits for Ca 315.887 Recovery = 94.96%						
Cd 214.440	83,619.3	0.918	0.0040	mg/L	0.918	0.44 %
2009/04/24 17:55:16 QC value within limits for Cd 214.440 Recovery = 91.77%						
Co 228.616	10,671.5	0.448	0.0007	mg/L	0.448	0.16 %
2009/04/24 17:55:16 QC value within limits for Co 228.616 Recovery = 89.55%						
Fe 238.204	13,036,726.1	146	0.2	mg/L	146	0.15 %
Fe 238.863	4,980,878.4	189	0.7	mg/L	189	0.38 %
2009/04/24 17:55:16 QC value within limits for Fe 238.863 Recovery = 94.45%						
Mg 279.077	10,403,311.3	493	1.9	mg/L	493	0.38 %
2009/04/24 17:55:16 QC value within limits for Mg 279.077 Recovery = 98.55%						
Mn 257.610	293,000.7	0.502	0.0014	mg/L	0.502	0.29 %
2009/04/24 17:55:16 QC value within limits for Mn 257.610 Recovery = 100.41%						
Mo 202.031	-30.6	-0.0024	0.00096	mg/L	-0.0024	40.38 %
Na 330.237	-2,436.1	-2.92	0.052	mg/L	-2.92	1.77 %
Pb 220.353	7,998.4	0.861	0.0014	mg/L	0.861	0.16 %
2009/04/24 17:55:16 QC value within limits for Pb 220.353 Recovery = 86.07%						
Sb 206.836	46.2	0.0291	0.00580	mg/L	0.0291	19.93 %
Se 196.026	-29.4	-0.0387	0.00882	mg/L	-0.0387	22.77 %

Tl 190.801	-16.5	-0.0192	0.00654	mg/L	-0.0192	33.99 %
V 292.402	143,903.5	0.485	0.0016	mg/L	0.485	0.33 %
2009/04/24 17:55:16 QC value within limits for V 292.402 Recovery = 96.99%						
Zn 213.857	59,018.9	1.05	0.006	mg/L	1.05	0.60 %
2009/04/24 17:55:16 QC value within limits for Zn 213.857 Recovery = 105.02%						
Cr 267.716	94,424.2	0.485	0.0019	mg/L	0.485	0.40 %
2009/04/24 17:55:16 QC value within limits for Cr 267.716 Recovery = 97.09%						
Cu 324.752	224,091.8	0.5601	0.00251	mg/L	0.5601	0.45 %
2009/04/24 17:55:16 QC value within limits for Cu 324.752 Recovery = 112.03%						
Ni 227.022	11,797.2	0.845	0.0007	mg/L	0.845	0.08 %
2009/04/24 17:55:16 QC value less than the lower limit for Ni 227.022 Recovery = 84.50%						
K 766.490	12,412.1	0.0611	0.00056	mg/L	0.0611	0.92 %
Na 589.592	77,985.5	0.189	0.0016	mg/L	0.189	0.87 %

Mean Data

ID: 20 **Seq. No.:** 85 **A/S Pos:** 15

2009/04/24 18:01:30 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2009/04/24 18:01:03

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 371.029	2,525,198.3	0.948	0.0018	mg/L				0.19 %
Y 324.227	1,547,520.5	0.986	0.0024	mg/L				0.24 %
Sc 361.383	3,923,040.6	0.939	0.0031	mg/L				0.33 %
Sc 357.253	2,925,649.7	0.998	0.0032	mg/L				0.32 %
Ag 328.068	788.9	0.004	0.0007	mg/L	0.004			20.58 %
Al 308.215	720,882.2	21.6	0.05	mg/L	21.6			0.21 %
2009/04/24 18:01:29 QC value within limits for Al 308.215 Recovery = 108.21%								
Al 396.153	2,681,920.6	23.4	0.04	mg/L	23.4			0.18 %
As 188.979	12,931.7	19.9	0.03	mg/L	19.9			0.17 %
2009/04/24 18:01:29 QC value within limits for As 188.979 Recovery = 99.51%								
Ba 493.408								%
Be 313.107								%
Ca 317.933	4,499,473.8	19.5	0.06	mg/L	19.5			0.32 %
2009/04/24 18:01:29 QC value within limits for Ca 317.933 Recovery = 97.62%								
Ca 315.887	2,693,356.1	20.4	0.06	mg/L	20.4			0.29 %
2009/04/24 18:01:29 QC value within limits for Ca 315.887 Recovery = 101.76%								
Cd 214.440	1,660,760.2	18.2	0.05	mg/L	18.2			0.30 %

Co 228.616	471,121.1	19.8	0.06	mg/L	19.8	0.31 %
2009/04/24 18:01:29 QC value within limits for Co 228.616 Recovery = 98.83%						
Fe 238.204	1,708,524.9	19.1	0.04	mg/L	19.1	0.21 %
2009/04/24 18:01:29 QC value within limits for Fe 238.204 Recovery = 95.46%						
Fe 238.863	563,401.2	21.4	0.05	mg/L	21.4	0.23 %
2009/04/24 18:01:29 QC value within limits for Fe 238.863 Recovery = 106.84%						
Mg 279.077	426,135.9	20.2	0.08	mg/L	20.2	0.39 %
2009/04/24 18:01:29 QC value within limits for Mg 279.077 Recovery = 100.92%						
Mn 257.610	10,911,215.0	18.7	0.06	mg/L	18.7	0.31 %
2009/04/24 18:01:29 QC value within limits for Mn 257.610 Recovery = 93.48%						
Mo 202.031	248,018.9	19.3	0.05	mg/L	19.3	0.23 %
Na 330.237	-63,258.1	-127	0.0	mg/L	-127	0.00 %
Pb 220.353	180,834.6	19.5	0.06	mg/L	19.5	0.33 %
2009/04/24 18:01:29 QC value within limits for Pb 220.353 Recovery = 97.30%						
Sb 206.836	-94.7	-0.0597	0.00325	mg/L	-0.0597	5.45 %
Se 196.026	15,122.2	19.9	0.02	mg/L	19.9	0.09 %
Tl 190.801	16,652.7	19.4	0.02	mg/L	19.4	0.10 %
2009/04/24 18:01:29 QC value within limits for Tl 190.801 Recovery = 97.04%						
V 292.402	6,026,587.2	20.3	0.03	mg/L	20.3	0.17 %
2009/04/24 18:01:29 QC value within limits for V 292.402 Recovery = 101.54%						
Zn 213.857	1,034,009.9	18.4	0.01	mg/L	18.4	0.06 %
2009/04/24 18:01:29 QC value within limits for Zn 213.857 Recovery = 92.00%						
Cr 267.716	3,833,813.1	19.7	0.04	mg/L	19.7	0.22 %
2009/04/24 18:01:29 QC value within limits for Cr 267.716 Recovery = 98.55%						
Cu 324.752	8,602,756.7	21.50	0.064	mg/L	21.50	0.30 %
Ni 227.022	264,409.6	18.9	0.04	mg/L	18.9	0.22 %
2009/04/24 18:01:29 QC value within limits for Ni 227.022 Recovery = 94.69%						
K 766.490	11,906.9	0.0586	0.00107	mg/L	0.0586	1.83 %
Na 589.592	1,687,129.4	4.08	0.003	mg/L	4.08	0.08 %

EPA 245.2

04/21/09

Sample Information File C:\AAUSER\SAMPINFO\050102.SIF

Description : 042109
Batch ID : 042109
Volume Units : L
Weight Units : mg
Analyst : SMK
Sample Volume : 0.50

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
0	rinse				
1	CAL. BLK.				
2	0.5				
3	1.0				
4	3.0				
5	5.0				
6	8.0				
7	QC 4.0				
8	0.25 mdl				
9	LFB 4.0				
10	1472.01				
11	1472.02				
12	1472.03				
13	1475.01				
14	1475.02				
15	WMS 1475.03				spk of #1
16	WMS 1475.04				spk of #2
17	WMSD 1475.05				spk dup of #1
18	WMSD 1475.06				spk dup of #2
19	1475.07				
20	1475.08				
21	1475.09				
22	1475.10				
23	WMD 1475.11				dup of # 9
24	WMD 1475.12				dup of #10
25	1475.13				
26	1475.14				
27	1475.15				
28	1475.16				
29	1489.01				
30	1489.02				
31	1490.01				
32	1490.02				
33	1490.03				
34	1490.04				
35	8oZ 04/17/09				
36	16 oZ 04/17/09				
37	~~1495.05~~ SMK 1494 05				
38	1488.00 x4				
39	1494.01 x20				
40	1494.02 x20				
41	1494.03 x20				
42	1494.04 x20				
43	~~1460.03 x20~~ 1456 03 x20				
44	1479.02 x20 SMK				

CALCULATED + QC CHECKED + REPORTED BY SMK - 04/21/09

Sample Information File C:\AAUSER\SAMPINFO\050102.SIF

Description : 042109
Batch ID : 042109
Volume Units : L
Weight Units : mg
Analyst : SMK
Sample Volume : 0.50

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
0	rinse				
1	CAL. BLK.				
2	0.5				
3	1.0				
4	3.0				
5	5.0				
6	8.0				
7	QC 4.0				
8	0.25 mdl				
9	LFB 4.0				
10	1487.02 x20				
11	1487.01 x20				
12	1494.03 x40				10mL ^20mL
13	1487.02 x40				10mL ^20mL
14	WMS 1475.01				12mL of sample + 0.96mL Spk
15	WMS 1475.02				12mL of sample +0.96mL spk
16	NYS PM 1403.06				
17	NYS PMD 1403.06				
18	NYS PMS 1403.06				
19	WM 1475.01 x4				
20	WMS 1475.01 x4				5mL ^20mL+1.6mL Spk
21	WM 1475.02 x4				
22	WMS 1475.02 x4				5mL ^20mL +1.6mL Spk
23	WMS 1475.03 x4				
24	WMS 1475.04 x4				
25	WMSD 1475.05 x4				
26	WMSD 1475.06 x4				
27	1475.07 x4				
28	1475.08 x4				
29	1475.09 x4				
30	1475.10 x4				
31	WMD 1475.11 x4				
32	WMD 1475.12 x4				
33	1475.13 x4				
34	1475.14 x4				
35	1475.15 x4				
36	1475.16 x4				
37					
38					
39					
40					
41					
42					
43					
44					

Element: Hg Seq. No.: 1 AS Loc.: 0 Date: 04/21/2009
Sample ID: rinse

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			-0.0002	-0.0093	-0.0002	09:54:48	Yes
2			0.0002	-0.0058	0.0002	09:55:28	Yes
3			0.0000	-0.0075	0.0000	09:56:07	Yes
Mean:			0.0000				
SD :			0.0002				
%RSD:			999.3269				

Element: Hg Seq. No.: 2 AS Loc.: 1 Date: 04/21/2009
Sample ID: CAL. BLK.

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0014	0.0019	0.0014	09:57:41	Yes
2			0.0013	0.0022	0.0013	09:58:21	Yes
3			0.0014	0.0040	0.0014	09:59:00	Yes
Mean:			0.0014				
SD :			0.0001				
%RSD:			5.9961				

Element: Hg Seq. No.: 3 AS Loc.: 5 Date: 04/21/2009
Sample ID: 5.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0692	0.2996	0.0692	10:00:37	Yes
2			0.0693	0.3005	0.0693	10:01:17	Yes
3			0.0687	0.2989	0.0687	10:01:56	Yes
Mean:			0.0691				
SD :			0.0003				
%RSD:			0.4347				

Element: Hg Seq. No.: 4 AS Loc.: 7 Date: 04/21/2009
Sample ID: QC 4.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0510	0.2287	0.0510	10:03:37	Yes
2			0.0517	0.2284	0.0517	10:04:16	Yes
3			0.0501	0.2240	0.0501	10:04:55	Yes
Mean:			0.0509				
SD :			0.0008				
%RSD:			1.5928				

Method Name: Mercury
Method Description: Mercury
Element: Hg

Date: 04/21/2009
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: 050102.SIF Results Data Set Name: 042109

Element: Hg Seq. No.: 5 AS Loc.: 1 Date: 04/21/2009
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0016	0.0060	0.0016	10:08:29	Yes
2			0.0016	0.0060	0.0016	10:09:09	Yes
3			0.0016	0.0068	0.0016	10:09:48	Yes
Mean:			0.0016				
SD :			0.0000				
%RSD:			2.8491				

Auto-zero performed.

Element: Hg Seq. No.: 6 AS Loc.: 8 Date: 04/21/2009
Sample ID: 0.25

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0031	0.0208	0.0047	10:11:32	Yes
2			0.0030	0.0206	0.0046	10:12:11	Yes
3			0.0032	0.0211	0.0048	10:12:50	Yes
Mean:			0.0031				
SD :			0.0001				
%RSD:			1.9896				

[Hg] Standard number 1 applied. [0.250]
Correlation Coefficient: 1.00000 Slope: 0.01239

Element: Hg Seq. No.: 7 AS Loc.: 2 Date: 04/21/2009
Sample ID: 0.5

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0060	0.0352	0.0076	10:14:31	Yes
2			0.0060	0.0353	0.0076	10:15:10	Yes
3			0.0061	0.0362	0.0077	10:15:49	Yes
Mean:			0.0060				
SD :			0.0001				
%RSD:			1.4507				

[Hg] Standard number 2 applied. [0.500]
Correlation Coefficient: 0.99944 Slope: 0.01213

Element: Hg Seq. No.: 8 AS Loc.: 3 Date: 04/21/2009
Sample ID: 1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0130	0.0687	0.0146	10:17:27	Yes
2			0.0133	0.0713	0.0149	10:18:07	Yes
3			0.0133	0.0717	0.0149	10:18:46	Yes
Mean:			0.0132				
SD :			0.0002				

%RSD: 1.4760
[Hg] Standard number 3 applied. [1.000]
Correlation Coefficient: 0.99713 Slope: 0.01296

Element: Hg Seq. No.: 9 AS Loc.: 4 Date: 04/21/2009
Sample ID: 3

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0439	0.2199	0.0455	10:20:25	Yes
2			0.0430	0.2201	0.0446	10:21:04	Yes
3			0.0432	0.2206	0.0448	10:21:44	Yes
Mean:			0.0434				
SD :			0.0004				
%RSD:			1.0024				

[Hg] Standard number 4 applied. [3.000]
Correlation Coefficient: 0.99848 Slope: 0.01428

Element: Hg Seq. No.: 10 AS Loc.: 5 Date: 04/21/2009
Sample ID: 5

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0683	0.3441	0.0699	10:23:23	Yes
2			0.0690	0.3514	0.0706	10:24:03	Yes
3			0.0697	0.3546	0.0713	10:24:43	Yes
Mean:			0.0690				
SD :			0.0007				
%RSD:			1.0220				

[Hg] Standard number 5 applied. [5.000]
Correlation Coefficient: 0.99930 Slope: 0.01395

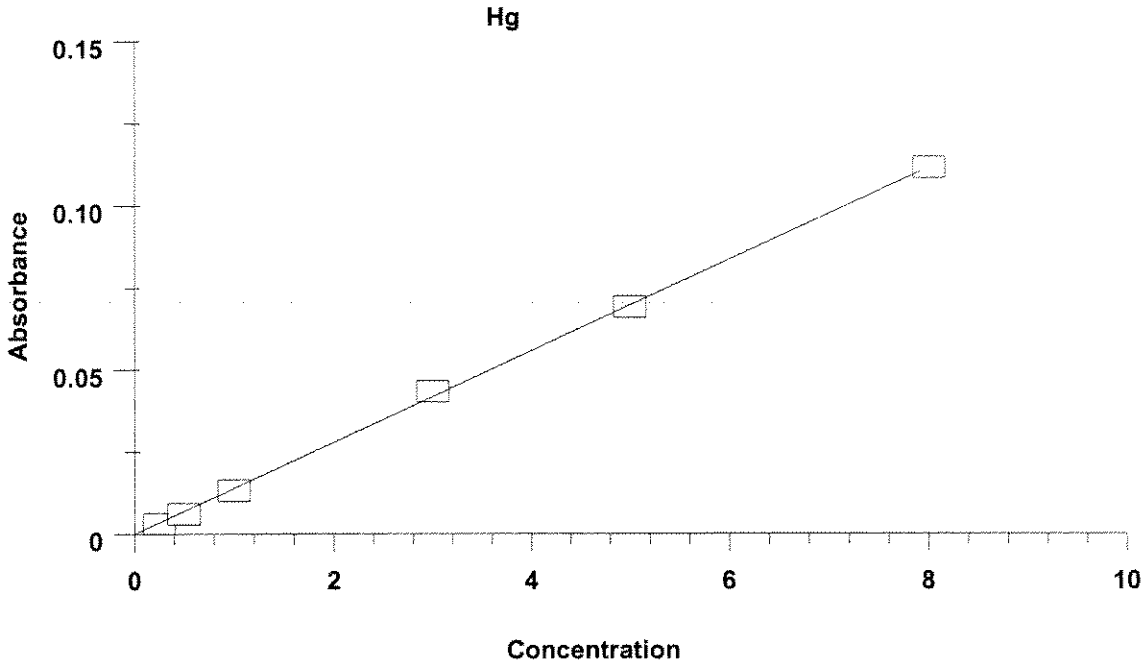
Element: Hg Seq. No.: 11 AS Loc.: 6 Date: 04/21/2009
Sample ID: 8

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1101	0.5574	0.1117	10:26:23	Yes
2			0.1115	0.5675	0.1131	10:27:02	Yes
3			0.1127	0.5736	0.1143	10:27:41	Yes
Mean:			0.1114				
SD :			0.0013				
%RSD:			1.1635				

[Hg] Standard number 6 applied. [8.000]
Correlation Coefficient: 0.99976 Slope: 0.01393

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0016	---	----	----	----
0.25	0.0031	0.250	0.222	0.0001	2.0
0.5	0.0060	0.500	0.433	0.0001	1.5
1	0.0132	1.000	0.948	0.0002	1.5
3	0.0434	3.000	3.112	0.0004	1.0
5	0.0690	5.000	4.953	0.0007	1.0
8	0.1114	8.000	7.996	0.0013	1.2
Correlation Coefficient: 0.99976		Slope:	0.01393	----	


Hg
0.15
0.10
0.05
0
Absorbance
0
2
4
6
8
10
Concentration

Element: Hg Seq. No.: 12 AS Loc.: 1 Date: 04/21/2009
Sample ID: Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.377	0.377	0.0053	0.0332	0.0068	10:37:40	Yes
2	0.381	0.381	0.0053	0.0348	0.0069	10:38:19	Yes

Element: Hg Seq. No.: 13 AS Loc.: 1 Date: 04/21/2009
Sample ID: Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.017	-0.017	-0.0002	0.0062	0.0014	10:41:11	Yes
2	-0.008	-0.008	-0.0001	0.0072	0.0015	10:41:50	Yes
3	-0.009	-0.009	-0.0001	0.0072	0.0015	10:42:30	Yes
Mean:	-0.011	-0.011	-0.0002				
SD :	0.0047	0.0047	0.0001				
%RSD:	41.6	41.6	41.6060				

QC value within specified limits. ✓

Element: Hg Seq. No.: 14 AS Loc.: 7 Date: 04/21/2009
Sample ID: QC 4.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.747	3.747	0.0522	0.2700	0.0538	10:44:09	Yes
2	3.734	3.734	0.0520	0.2697	0.0536	10:44:48	Yes
3	3.779	3.779	0.0527	0.2727	0.0543	10:45:28	Yes
Mean:	3.754	3.754	0.0523				
SD :	0.0230	0.0230	0.0003				
%RSD:	0.6	0.6	0.6140				

QC value within specified limits. ✓

93-9 1 QC LIMITS: 3-45-467

Element: Hg Seq. No.: 15 AS Loc.: 5 Date: 04/21/2009
Sample ID: ICVS 5.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.227	5.227	0.0728	0.3769	0.0744	10:47:08	Yes
2	5.298	5.298	0.0738	0.3802	0.0754	10:47:47	Yes
3	5.231	5.231	0.0729	0.3755	0.0745	10:48:26	Yes
Mean:	5.252	5.252	0.0732				
SD :	0.0400	0.0400	0.0006				
%RSD:	0.8	0.8	0.7624				

QC failed, value greater than upper limit for Hg.
Alarm sounded, system waiting for operator action.

Element: Hg Seq. No.: 16 AS Loc.: 5 Date: 04/21/2009
Sample ID: ICVS 5.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.843	4.843	0.0675	0.3486	0.0691	10:53:05	Yes
2	4.910	4.910	0.0684	0.3582	0.0700	10:53:45	Yes
3	4.972	4.972	0.0693	0.3580	0.0709	10:54:25	Yes
Mean:	4.908	4.908	0.0684				
SD :	0.0643	0.0643	0.0009				
%RSD:	1.3	1.3	1.3093				

QC value within specified limits.

98-2 1 ICVS LIMITS: 95-105 1

Element: Hg Seq. No.: 17 AS Loc.: 8 Date: 04/21/2009
Sample ID: 0.25 mdl

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.252	0.252	0.0035	0.0257	0.0051	10:56:06	Yes
2	0.252	0.252	0.0035	0.0249	0.0051	10:56:46	Yes
3	0.240	0.240	0.0033	0.0244	0.0049	10:57:25	Yes
Mean:	0.248	0.248	0.0035				
SD :	0.0067	0.0067	0.0001				
%RSD:	2.7	2.7	2.7116				

✓

Element: Hg Seq. No.: 18 AS Loc.: 9 Date: 04/21/2009
Sample ID: LFB 4.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.285	4.285	0.0597	0.3130	0.0613	10:59:04	Yes
2	4.312	4.312	0.0601	0.3131	0.0617	10:59:43	Yes
3	4.359	4.359	0.0607	0.3152	0.0623	11:00:22	Yes
Mean:	4.319	4.319	0.0602				
SD :	0.0376	0.0376	0.0005				
%RSD:	0.9	0.9	0.8698				

✓ 107.9% LFB LIMITS: 85-115%

Element: Hg Seq. No.: 19 AS Loc.: 10 Date: 04/21/2009
Sample ID: 1472.01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.008	0.008	0.0001	0.0083	0.0017	11:01:57	Yes
2	0.021	0.021	0.0003	0.0096	0.0019	11:02:36	Yes
3	0.013	0.013	0.0002	0.0093	0.0018	11:03:15	Yes
Mean:	0.014	0.014	0.0002				
SD :	0.0063	0.0063	0.0001				
%RSD:	45.9	45.9	45.8691				

<0.00025

Element: Hg Seq. No.: 20 AS Loc.: 11 Date: 04/21/2009
Sample ID: 1472.02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.013	0.013	0.0002	0.0089	0.0018	11:04:52	Yes
2	0.018	0.018	0.0003	0.0095	0.0019	11:05:32	Yes
3	0.016	0.016	0.0002	0.0091	0.0018	11:06:12	Yes
Mean:	0.016	0.016	0.0002				
SD :	0.0028	0.0028	0.0000				
%RSD:	18.0	18.0	18.0401				

<0.00025

Element: Hg Seq. No.: 21 AS Loc.: 12 Date: 04/21/2009
Sample ID: 1472.03

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.004	-0.004	-0.0001	0.0077	0.0015	11:07:49	Yes
2	0.004	0.004	0.0000	0.0085	0.0016	11:08:28	Yes
3	0.004	0.004	0.0001	0.0084	0.0017	11:09:07	Yes
Mean:	0.001	0.001	0.0000				
SD :	0.0048	0.0048	0.0001				
%RSD:	392.4	392.4	392.3964				

<0.00025

Element: Hg Seq. No.: 22 AS Loc.: 13 Date: 04/21/2009
Sample ID: 1475.01

Repl SampleConc StndConc BlnkCorr Peak Peak Time Peak

#	µg/L	µg/L	Signal	Area	Height		Stored
1	-0.044	-0.044	-0.0006	0.0056	0.0010	11:10:46	Yes
2	-0.064	-0.064	-0.0009	0.0039	0.0007	11:11:25	Yes
3	-0.070	-0.070	-0.0010	0.0036	0.0006	11:12:04	Yes
Mean:	-0.059	-0.059	-0.0008				
SD :	0.0132	0.0132	0.0002				
%RSD:	22.2	22.2	22.2213				

<0.00025

Element: Hg Seq. No.: 23 AS Loc.: 14 Date: 04/21/2009
Sample ID: 1475.02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.075	-0.075	-0.0010	0.0030	0.0006	11:13:43	Yes
2	-0.072	-0.072	-0.0010	0.0033	0.0006	11:14:23	Yes
3	-0.071	-0.071	-0.0010	0.0035	0.0006	11:15:02	Yes
Mean:	-0.073	-0.073	-0.0010				
SD :	0.0020	0.0020	0.0000				
%RSD:	2.8	2.8	2.7705				

<0.00025

Element: Hg Seq. No.: 24 AS Loc.: 15 Date: 04/21/2009
Sample ID: WMS 1475.03

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.082	1.082	0.0151	0.0983	0.0167	11:16:42	Yes
2	1.091	1.091	0.0152	0.0990	0.0168	11:17:21	Yes
3	1.103	1.103	0.0154	0.0998	0.0170	11:18:00	Yes
Mean:	1.092	1.092	0.0152				
SD :	0.0105	0.0105	0.0001				
%RSD:	1.0	1.0	0.9578				

Element: Hg Seq. No.: 25 AS Loc.: 16 Date: 04/21/2009
Sample ID: WMS 1475.04

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.387	1.387	0.0193	0.1211	0.0209	11:19:40	Yes
2	1.406	1.406	0.0196	0.1234	0.0212	11:20:19	Yes
3	1.357	1.357	0.0189	0.1182	0.0205	11:20:58	Yes
Mean:	1.383	1.383	0.0193				
SD :	0.0244	0.0244	0.0003				
%RSD:	1.8	1.8	1.7645				

Element: Hg Seq. No.: 26 AS Loc.: 17 Date: 04/21/2009
Sample ID: WMSD 1475.05

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.299	1.299	0.0181	0.1152	0.0197	11:22:39	Yes
2	1.311	1.311	0.0183	0.1152	0.0199	11:23:18	Yes
3	1.272	1.272	0.0177	0.1132	0.0193	11:23:57	Yes
Mean:	1.294	1.294	0.0180				
SD :	0.0201	0.0201	0.0003				
%RSD:	1.6	1.6	1.5562				

Element: Hg Seq. No.: 27 AS Loc.: 1 Date: 04/21/2009
Sample ID: Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.011	0.011	0.0002	0.0083	0.0017	11:25:35	Yes

2	0.012	0.012	0.0002	0.0084	0.0018	11:26:15	Yes
3	0.011	0.011	0.0002	0.0088	0.0018	11:26:54	Yes
Mean:	0.012	0.012	0.0002				
SD :	0.0006	0.0006	0.0000				
%RSD:	5.2	5.2	5.2253				

QC value within specified limits.

Element: Hg Seq. No.: 28 AS Loc.: 4 Date: 04/21/2009
Sample ID: CCVS 3.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.350	3.350	0.0467	0.2445	0.0483	11:28:33	Yes
2	3.319	3.319	0.0462	0.2424	0.0478	11:29:12	Yes
3	3.287	3.287	0.0458	0.2383	0.0474	11:29:51	Yes
Mean:	3.319	3.319	0.0462				
SD :	0.0316	0.0316	0.0004				
%RSD:	1.0	1.0	0.9527				

QC failed, value greater than upper limit for Hg.
Alarm sounded, system waiting for operator action.

Element: Hg Seq. No.: 29 AS Loc.: 4 Date: 04/21/2009
Sample ID: CCVS 3.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.205	3.205	0.0447	0.2384	0.0462	11:32:29	Yes
2	3.299	3.299	0.0460	0.2451	0.0476	11:33:08	Yes
3	3.241	3.241	0.0452	0.2387	0.0468	11:33:47	Yes
Mean:	3.248	3.248	0.0453				
SD :	0.0476	0.0476	0.0007				
%RSD:	1.5	1.5	1.4646				

QC value within specified limits. 108.3% CCVS LIMITS: 90-110%

Element: Hg Seq. No.: 30 AS Loc.: 18 Date: 04/21/2009
Sample ID: WMSD 1475.06

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.409	1.409	0.0196	0.1224	0.0212	11:35:26	Yes
2	1.399	1.399	0.0195	0.1222	0.0211	11:36:05	Yes
3	1.419	1.419	0.0198	0.1241	0.0214	11:36:44	Yes
Mean:	1.409	1.409	0.0196				
SD :	0.0100	0.0100	0.0001				
%RSD:	0.7	0.7	0.7083				

Element: Hg Seq. No.: 31 AS Loc.: 19 Date: 04/21/2009
Sample ID: 1475.07

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.003	-0.003	0.0000	0.0076	0.0016	11:38:22	Yes
2	-0.004	-0.004	0.0000	0.0074	0.0015	11:39:01	Yes
3	-0.019	-0.019	-0.0003	0.0064	0.0013	11:39:41	Yes
Mean:	-0.008	-0.008	-0.0001				
SD :	0.0088	0.0088	0.0001				
%RSD:	104.0	104.0	103.9913				

<0.00025

Element: Hg Seq. No.: 32 AS Loc.: 20 Date: 04/21/2009
Sample ID: 1475.08

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	µg/L	µg/L	Signal	Area	Height		Stored
1	-0.016	-0.016	-0.0002	0.0068	0.0014	11:41:16	Yes
2	-0.013	-0.013	-0.0002	0.0071	0.0014	11:41:55	Yes
3	-0.010	-0.010	-0.0001	0.0074	0.0015	11:42:34	Yes
Mean:	-0.013	-0.013	-0.0002				
SD :	0.0027	0.0027	0.0000				
%RSD:	21.2	21.2	21.1576				

<0.00025

Element: Hg Seq. No.: 33 AS Loc.: 21 Date: 04/21/2009
Sample ID: 1475.09

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.012	-0.012	-0.0002	0.0073	0.0014	11:44:10	Yes
2	-0.009	-0.009	-0.0001	0.0075	0.0015	11:44:49	Yes
3	-0.008	-0.008	-0.0001	0.0074	0.0015	11:45:28	Yes
Mean:	-0.010	-0.010	-0.0001				
SD :	0.0018	0.0018	0.0000				
%RSD:	18.6	18.6	18.6383				

<0.00025

Element: Hg Seq. No.: 34 AS Loc.: 22 Date: 04/21/2009
Sample ID: 1475.10

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.007	-0.007	-0.0001	0.0079	0.0015	11:47:05	Yes
2	-0.008	-0.008	-0.0001	0.0076	0.0015	11:47:44	Yes
3	0.000	0.000	0.0000	0.0086	0.0016	11:48:23	Yes
Mean:	-0.005	-0.005	-0.0001				
SD :	0.0045	0.0045	0.0001				
%RSD:	91.4	91.4	91.4416				

<0.00025

Element: Hg Seq. No.: 35 AS Loc.: 23 Date: 04/21/2009
Sample ID: WMD 1475.11

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.027	-0.027	-0.0004	0.0063	0.0012	11:50:01	Yes
2	-0.016	-0.016	-0.0002	0.0075	0.0014	11:50:41	Yes
3	-0.023	-0.023	-0.0003	0.0065	0.0013	11:51:20	Yes
Mean:	-0.022	-0.022	-0.0003				
SD :	0.0054	0.0054	0.0001				
%RSD:	24.7	24.7	24.7340				

<0.00025

Element: Hg Seq. No.: 36 AS Loc.: 24 Date: 04/21/2009
Sample ID: WMD 1475.12

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.021	-0.021	-0.0003	0.0066	0.0013	11:52:59	Yes
2	-0.017	-0.017	-0.0002	0.0070	0.0014	11:53:38	Yes
3	-0.024	-0.024	-0.0003	0.0059	0.0013	11:54:17	Yes
Mean:	-0.021	-0.021	-0.0003				
SD :	0.0037	0.0037	0.0001				
%RSD:	17.8	17.8	17.7800				

<0.00025

Element: Hg Seq. No.: 37 AS Loc.: 25 Date: 04/21/2009
Sample ID: 1475.13

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.026	-0.026	-0.0004	0.0059	0.0012	11:55:56	Yes

2	-0.019	-0.019	-0.0003	0.0068	0.0013	11:56:36	Yes
3	-0.025	-0.025	-0.0003	0.0061	0.0012	11:57:16	Yes
Mean:	-0.023	-0.023	-0.0003				
SD :	0.0037	0.0037	0.0001				
%RSD:	15.8	15.8	15.7786				

<0.00025

Element: Hg Seq. No.: 38 AS Loc.: 26 Date: 04/21/2009
Sample ID: 1475.14

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.008	-0.008	-0.0001	0.0075	0.0015	11:58:55	Yes
2	-0.007	-0.007	-0.0001	0.0080	0.0015	11:59:34	Yes
3	-0.008	-0.008	-0.0001	0.0076	0.0015	12:00:13	Yes
Mean:	-0.008	-0.008	-0.0001				
SD :	0.0003	0.0003	0.0000				
%RSD:	3.7	3.7	3.6582				

<0.00025

Element: Hg Seq. No.: 39 AS Loc.: 27 Date: 04/21/2009
Sample ID: 1475.15

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.025	0.025	0.0003	0.0097	0.0019	12:01:54	Yes
2	0.025	0.025	0.0003	0.0098	0.0019	12:02:32	Yes
3	0.027	0.027	0.0004	0.0100	0.0020	12:03:12	Yes
Mean:	0.025	0.025	0.0004				
SD :	0.0013	0.0013	0.0000				
%RSD:	5.0	5.0	4.9525				

<0.00025

Element: Hg Seq. No.: 40 AS Loc.: 1 Date: 04/21/2009
Sample ID: Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.057	-0.057	-0.0008	0.0038	0.0008	12:04:50	Yes
2	-0.050	-0.050	-0.0007	0.0047	0.0009	12:05:29	Yes
3	-0.054	-0.054	-0.0008	0.0044	0.0008	12:06:08	Yes
Mean:	-0.054	-0.054	-0.0007				
SD :	0.0037	0.0037	0.0001				
%RSD:	7.0	7.0	6.9818				

✓

QC value within specified limits.

Element: Hg Seq. No.: 41 AS Loc.: 4 Date: 04/21/2009
Sample ID: CCVS 3.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.144	3.144	0.0438	0.2394	0.0454	12:07:45	Yes
2	3.165	3.165	0.0441	0.2417	0.0457	12:08:24	Yes
3	3.119	3.119	0.0435	0.2321	0.0451	12:09:03	Yes
Mean:	3.143	3.143	0.0438				
SD :	0.0230	0.0230	0.0003				
%RSD:	0.7	0.7	0.7323				

✓ 104.8% CCVS LIMITS: 90-110%

QC value within specified limits.

Element: Hg Seq. No.: 42 AS Loc.: 28 Date: 04/21/2009
Sample ID: 1475.16

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.018	0.018	0.0003	0.0094	0.0018	12:10:39	Yes

2	0.016	0.016	0.0002	0.0094	0.0018	12:11:20	Yes
3	0.014	0.014	0.0002	0.0093	0.0018	12:11:58	Yes
Mean:	0.016	0.016	0.0002				
SD :	0.0021	0.0021	0.0000				
%RSD:	13.0	13.0	13.0208				

<0.00025

Element: Hg Seq. No.: 43 AS Loc.: 29 Date: 04/21/2009
Sample ID: 1489.01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.011	-0.011	-0.0002	0.0073	0.0014	12:13:34	Yes
2	-0.008	-0.008	-0.0001	0.0074	0.0015	12:14:13	Yes
3	-0.005	-0.005	-0.0001	0.0080	0.0015	12:14:52	Yes
Mean:	-0.008	-0.008	-0.0001				
SD :	0.0031	0.0031	0.0000				
%RSD:	38.6	38.6	38.5942				

<0.00025

Element: Hg Seq. No.: 44 AS Loc.: 30 Date: 04/21/2009
Sample ID: 1489.02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.012	0.012	0.0002	0.0091	0.0018	12:16:27	Yes
2	0.012	0.012	0.0002	0.0091	0.0018	12:17:06	Yes
3	0.007	0.007	0.0001	0.0085	0.0017	12:17:46	Yes
Mean:	0.010	0.010	0.0001				
SD :	0.0025	0.0025	0.0000				
%RSD:	24.5	24.5	24.5169				

<0.00025

Element: Hg Seq. No.: 45 AS Loc.: 31 Date: 04/21/2009
Sample ID: 1490.01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.077	0.077	0.0011	0.0137	0.0027	12:19:23	Yes
2	0.075	0.075	0.0010	0.0142	0.0026	12:20:03	Yes
3	0.076	0.076	0.0011	0.0141	0.0027	12:20:42	Yes
Mean:	0.076	0.076	0.0011				
SD :	0.0009	0.0009	0.0000				
%RSD:	1.2	1.2	1.1738				

<0.00025

Element: Hg Seq. No.: 46 AS Loc.: 32 Date: 04/21/2009
Sample ID: 1490.02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.010	-0.010	-0.0001	0.0077	0.0015	12:22:19	Yes
2	-0.009	-0.009	-0.0001	0.0079	0.0015	12:22:59	Yes
3	-0.007	-0.007	-0.0001	0.0081	0.0015	12:23:38	Yes
Mean:	-0.009	-0.009	-0.0001				
SD :	0.0015	0.0015	0.0000				
%RSD:	17.6	17.6	17.6437				

<0.00025

Element: Hg Seq. No.: 47 AS Loc.: 33 Date: 04/21/2009
Sample ID: 1490.03

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.035	0.035	0.0005	0.0106	0.0021	12:25:15	Yes
2	0.035	0.035	0.0005	0.0107	0.0021	12:25:54	Yes
3	0.034	0.034	0.0005	0.0106	0.0021	12:26:33	Yes

Mean:	0.035	0.035	0.0005
SD :	0.0004	0.0004	0.0000
%RSD:	1.2	1.2	1.1923

<0.00025

Element: Hg Seq. No.: 48 AS Loc.: 34 Date: 04/21/2009
Sample ID: 1490.04

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.022	0.022	0.0003	0.0095	0.0019	12:28:12	Yes
2	0.017	0.017	0.0002	0.0095	0.0018	12:28:51	Yes
3	0.020	0.020	0.0003	0.0094	0.0019	12:29:30	Yes
Mean:	0.019	0.019	0.0003				
SD :	0.0023	0.0023	0.0000				
%RSD:	11.9	11.9	11.9336				

<0.00025

Element: Hg Seq. No.: 49 AS Loc.: 35 Date: 04/21/2009
Sample ID: 8oZ 04/17/09

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.017	0.017	0.0002	0.0092	0.0018	12:31:09	Yes
2	0.000	0.000	0.0000	0.0082	0.0016	12:31:48	Yes
3	-0.007	-0.007	-0.0001	0.0079	0.0015	12:32:27	Yes
Mean:	0.003	0.003	0.0000				
SD :	0.0119	0.0119	0.0002				
%RSD:	343.3	343.3	343.3247				

<0.00025

Element: Hg Seq. No.: 50 AS Loc.: 36 Date: 04/21/2009
Sample ID: 16 oZ 04/17/09

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.016	-0.016	-0.0002	0.0068	0.0014	12:34:08	Yes
2	-0.015	-0.015	-0.0002	0.0069	0.0014	12:34:47	Yes
3	-0.020	-0.020	-0.0003	0.0066	0.0013	12:35:27	Yes
Mean:	-0.017	-0.017	-0.0002				
SD :	0.0028	0.0028	0.0000				
%RSD:	16.2	16.2	16.2035				

<0.00025

Element: Hg Seq. No.: 51 AS Loc.: 37 Date: 04/21/2009
Sample ID: ~~1495.05~~ 1494.05

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.010	-0.010	-0.0001	0.0074	0.0015	12:37:05	Yes
2	-0.003	-0.003	0.0000	0.0081	0.0016	12:37:44	Yes
3	-0.006	-0.006	-0.0001	0.0074	0.0015	12:38:23	Yes
Mean:	-0.006	-0.006	-0.0001				
SD :	0.0032	0.0032	0.0000				
%RSD:	51.6	51.6	51.5683				

<0.00025

Element: Hg Seq. No.: 52 AS Loc.: 1 Date: 04/21/2009
Sample ID: Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.055	0.055	0.0008	0.0121	0.0024	12:39:58	Yes
2	0.048	0.048	0.0007	0.0112	0.0023	12:40:37	Yes
3	0.055	0.055	0.0008	0.0121	0.0024	12:41:16	Yes
Mean:	0.053	0.053	0.0007				
SD :	0.0042	0.0042	0.0001				

%RSD: 7.9 7.9 7.8906
QC value within specified limits.

==========
Element: Hg Seq. No.: 53 AS Loc.: 4 Date: 04/21/2009
Sample ID: CCVS 3.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.190	3.190	0.0444	0.2388	0.0460	12:42:54	Yes
2	3.204	3.204	0.0446	0.2400	0.0462	12:43:33	Yes
3	3.225	3.225	0.0449	0.2394	0.0465	12:44:12	Yes
Mean:	3.206	3.206	0.0447				
SD :	0.0176	0.0176	0.0002				
%RSD:	0.5	0.5	0.5489				

106.9% CCVS LIMITS = 90-110%.
QC value within specified limits.

==========
Element: Hg Seq. No.: 54 AS Loc.: 38 Date: 04/21/2009
Sample ID: 1488.00 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.596	1.596	0.0222	0.1320	0.0238	12:45:49	Yes
2	1.577	1.577	0.0220	0.1329	0.0236	12:46:29	Yes
3	1.518	1.518	0.0212	0.1280	0.0227	12:47:09	Yes
Mean:	1.564	1.564	0.0218				
SD :	0.0406	0.0406	0.0006				
%RSD:	2.6	2.6	2.5947				

0.0063

==========
Element: Hg Seq. No.: 55 AS Loc.: 39 Date: 04/21/2009
Sample ID: 1494.01 x20

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.797	3.797	0.0529	0.2797	0.0545	12:48:44	Yes
2	3.793	3.793	0.0529	0.2724	0.0545	12:49:23	Yes
3	3.856	3.856	0.0537	0.2804	0.0553	12:50:02	Yes
Mean:	3.815	3.815	0.0532				
SD :	0.0353	0.0353	0.0005				
%RSD:	0.9	0.9	0.9263				

0.076

==========
Element: Hg Seq. No.: 56 AS Loc.: 40 Date: 04/21/2009
Sample ID: 1494.02 x20

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.077	2.077	0.0289	0.1545	0.0305	12:51:39	Yes
2	2.057	2.057	0.0287	0.1517	0.0303	12:52:18	Yes
3	2.128	2.128	0.0296	0.1575	0.0312	12:52:57	Yes
Mean:	2.087	2.087	0.0291				
SD :	0.0365	0.0365	0.0005				
%RSD:	1.7	1.7	1.7484				

0.042

==========
Element: Hg Seq. No.: 57 AS Loc.: 41 Date: 04/21/2009
Sample ID: 1494.03 x20

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.745	9.745	0.1358	0.6990	0.1374	12:54:34	Yes
Sample absorbance is greater than that of the highest standard.							
2	9.529	9.529	0.1328	0.6843	0.1344	12:55:13	Yes
Sample absorbance is greater than that of the highest standard.							
3	9.775	9.775	0.1362	0.7094	0.1378	12:55:52	Yes

Sample absorbance is greater than that of the highest standard.

Mean:	9.683	9.683	0.1349
SD :	0.1341	0.1341	0.0019
%RSD:	1.4	1.4	1.3845

Sample absorbance is greater than that of the highest standard. RR @ the end.

==========

Element: Hg Seq. No.: 58 AS Loc.: 42 Date: 04/21/2009
Sample ID: 1494.04 x20

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.046	4.046	0.0564	0.2916	0.0580	12:57:31	Yes
2	4.029	4.029	0.0561	0.2892	0.0577	12:58:11	Yes
3	4.063	4.063	0.0566	0.2934	0.0582	12:58:49	Yes
Mean:	4.046	4.046	0.0564				
SD :	0.0169	0.0169	0.0002				
%RSD:	0.4	0.4	0.4184				

0.081

==========

Element: Hg Seq. No.: 59 AS Loc.: 43 Date: 04/21/2009
Sample ID: ~~1460.03 x20~~ 1456.03 x20

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.134	0.134	0.0019	0.0174	0.0035	01:00:28	Yes
2	0.132	0.132	0.0018	0.0171	0.0034	01:01:07	Yes
3	0.131	0.131	0.0018	0.0167	0.0034	01:01:46	Yes
Mean:	0.132	0.132	0.0018				
SD :	0.0012	0.0012	0.0000				
%RSD:	0.9	0.9	0.9215				

< 0.005

==========

Element: Hg Seq. No.: 60 AS Loc.: 44 Date: 04/21/2009
Sample ID: 1479.02 x20

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.044	0.044	0.0006	0.0109	0.0022	01:03:26	Yes
2	0.049	0.049	0.0007	0.0116	0.0023	01:04:05	Yes
3	0.055	0.055	0.0008	0.0121	0.0024	01:04:44	Yes
Mean:	0.049	0.049	0.0007				
SD :	0.0054	0.0054	0.0001				
%RSD:	11.0	11.0	11.0151				

< 0.005

Element: Hg Seq. No.: 61 AS Loc.: 10 Date: 04/21/2009
Sample ID: 1487.02 x20

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	12.05	12.05	0.1680	0.8529	0.1696	01:47:53	Yes
Sample absorbance is greater than that of the highest standard.							
2	12.29	12.29	0.1712	0.8546	0.1728	01:48:32	Yes
Sample absorbance is greater than that of the highest standard.							
3	12.26	12.26	0.1709	0.8590	0.1725	01:49:11	Yes
Sample absorbance is greater than that of the highest standard.							
Mean:	12.20	12.20	0.1700				
SD :	0.1290	0.1290	0.0018				
%RSD:	1.1	1.1	1.0574				
Sample absorbance is greater than that of the highest standard.							

RR @ the End.

Element: Hg Seq. No.: 62 AS Loc.: 11 Date: 04/21/2009
Sample ID: 1487.01 x20

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.516	5.516	0.0769	0.4152	0.0785	01:50:48	Yes
2	5.401	5.401	0.0753	0.4048	0.0769	01:51:28	Yes
3	5.512	5.512	0.0768	0.4072	0.0784	01:52:07	Yes
Mean:	5.476	5.476	0.0763				
SD :	0.0653	0.0653	0.0009				
%RSD:	1.2	1.2	1.1929				

O.11

Element: Hg Seq. No.: 63 AS Loc.: 12 Date: 04/21/2009
Sample ID: 1494.03 x40

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.976	4.976	0.0693	0.3622	0.0709	01:56:35	Yes
2	5.118	5.118	0.0713	0.3712	0.0729	01:57:14	Yes
3	5.043	5.043	0.0703	0.3625	0.0719	01:57:53	Yes
Mean:	5.045	5.045	0.0703				
SD :	0.0709	0.0709	0.0010				
%RSD:	1.4	1.4	1.4062				

0.20

Element: Hg Seq. No.: 64 AS Loc.: 13 Date: 04/21/2009
Sample ID: 1487.02 x40

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.024	6.024	0.0839	0.4362	0.0855	01:59:31	Yes
2	6.034	6.034	0.0841	0.4391	0.0857	02:00:10	Yes
3	5.888	5.888	0.0820	0.4280	0.0836	02:00:49	Yes
Mean:	5.982	5.982	0.0834				
SD :	0.0818	0.0818	0.0011				
%RSD:	1.4	1.4	1.3667				

0.24

Element: Hg Seq. No.: 65 AS Loc.: 14 Date: 04/21/2009
Sample ID: WMS 1475.01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.930	1.930	0.0269	0.1645	0.0285	02:13:47	Yes
2	1.982	1.982	0.0276	0.1665	0.0292	02:14:26	Yes
3	1.951	1.951	0.0272	0.1671	0.0288	02:15:05	Yes
Mean:	1.954	1.954	0.0272				
SD :	0.0261	0.0261	0.0004				
%RSD:	1.3	1.3	1.3364				

Element: Hg Seq. No.: 66 AS Loc.: 15 Date: 04/21/2009
Sample ID: WMS 1475.02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.192	2.192	0.0305	0.1839	0.0321	02:16:44	Yes
2	2.164	2.164	0.0302	0.1869	0.0317	02:17:23	Yes
3	2.215	2.215	0.0309	0.1873	0.0325	02:18:03	Yes
Mean:	2.190	2.190	0.0305				
SD :	0.0257	0.0257	0.0004				
%RSD:	1.2	1.2	1.1739				

Element: Hg Seq. No.: 67 AS Loc.: 1 Date: 04/21/2009
Sample ID: Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.027	-0.027	-0.0004	0.0059	0.0012	02:38:33	Yes
2	-0.024	-0.024	-0.0003	0.0065	0.0013	02:39:12	Yes
3	-0.028	-0.028	-0.0004	0.0060	0.0012	02:39:51	Yes
Mean:	-0.026	-0.026	-0.0004				
SD :	0.0020	0.0020	0.0000				
%RSD:	7.6	7.6	7.5617				

QC value within specified limits. ✓

Element: Hg Seq. No.: 68 AS Loc.: 7 Date: 04/21/2009
Sample ID: QC 4.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.385	4.385	0.0611	0.3236	0.0627	02:41:30	Yes
2	4.372	4.372	0.0609	0.3187	0.0625	02:42:09	Yes
3	4.356	4.356	0.0607	0.3210	0.0623	02:42:48	Yes
Mean:	4.371	4.371	0.0609				
SD :	0.0147	0.0147	0.0002				
%RSD:	0.3	0.3	0.3373				

✓ 109.3% QC LIMITS: 3.45-4.67
QC value within specified limits.

Element: Hg Seq. No.: 69 AS Loc.: 16 Date: 04/21/2009
Sample ID: NYS PM 1403.06

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.134	6.134	0.0855	0.4531	0.0871	02:44:30	Yes
2	6.192	6.192	0.0863	0.4596	0.0879	02:45:09	Yes
3	6.190	6.190	0.0863	0.4537	0.0878	02:45:49	Yes
Mean:	6.172	6.172	0.0860				
SD :	0.0326	0.0326	0.0005				
%RSD:	0.5	0.5	0.5287				

0.0062

Element: Hg Seq. No.: 70 AS Loc.: 17 Date: 04/21/2009
Sample ID: NYS PMD 1403.06

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.989	5.989	0.0835	0.4453	0.0851	02:47:31	Yes
2	6.118	6.118	0.0852	0.4533	0.0868	02:48:10	Yes
3	6.122	6.122	0.0853	0.4523	0.0869	02:48:49	Yes
Mean:	6.077	6.077	0.0847				
SD :	0.0755	0.0755	0.0011				
%RSD:	1.2	1.2	1.2423				

0.0061

Element: Hg Seq. No.: 71 AS Loc.: 18 Date: 04/21/2009
Sample ID: NYS PMS 1403.06

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.51	10.51	0.1464	0.7680	0.1480	02:50:31	Yes
Sample absorbance is greater than that of the highest standard.							
2	10.46	10.46	0.1457	0.7815	0.1473	02:51:10	Yes
Sample absorbance is greater than that of the highest standard.							
3	10.02	10.02	0.1397	0.7531	0.1413	02:51:49	Yes
Sample absorbance is greater than that of the highest standard.							
Mean:	10.33	10.33	0.1439				
SD :	0.2662	0.2662	0.0037				
%RSD:	2.6	2.6	2.5768				

103.9% PMS LIMITS: 85.7-108.3%

Sample absorbance is greater than that of the highest standard.

Element: Hg Seq. No.: 72 AS Loc.: 19 Date: 04/21/2009
Sample ID: WM 1475.01 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.087	-0.087	-0.0012	0.0017	0.0004	03:14:02	Yes
2	-0.085	-0.085	-0.0012	0.0019	0.0004	03:14:42	Yes
3	-0.080	-0.080	-0.0011	0.0024	0.0005	03:15:21	Yes
Mean:	-0.084	-0.084	-0.0012				
SD :	0.0035	0.0035	0.0000				
%RSD:	4.1	4.1	4.1313				

<20.001

Element: Hg Seq. No.: 73 AS Loc.: 20 Date: 04/21/2009
Sample ID: WMS 1475.01 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.184	5.184	0.0722	0.3848	0.0738	03:16:56	Yes
2	5.271	5.271	0.0734	0.3940	0.0750	03:17:36	Yes
3	5.101	5.101	0.0711	0.3847	0.0727	03:18:15	Yes
Mean:	5.185	5.185	0.0723				
SD :	0.0853	0.0853	0.0012				
%RSD:	1.6	1.6	1.6443				

Element: Hg Seq. No.: 74 AS Loc.: 21 Date: 04/21/2009
Sample ID: WM 1475.02 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.068	-0.068	-0.0009	0.0033	0.0006	03:26:17	Yes
2	-0.063	-0.063	-0.0009	0.0040	0.0007	03:26:56	Yes
3	-0.068	-0.068	-0.0010	0.0029	0.0006	03:27:35	Yes
Mean:	-0.067	-0.067	-0.0009				
SD :	0.0031	0.0031	0.0000				
%RSD:	4.7	4.7	4.6726				

<0.001

Element: Hg Seq. No.: 75 AS Loc.: 22 Date: 04/21/2009
Sample ID: WMS 1475.02 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.176	5.176	0.0721	0.3984	0.0737	03:29:13	Yes
2	5.612	5.612	0.0782	0.4267	0.0798	03:29:52	Yes
3	5.749	5.749	0.0801	0.4299	0.0817	03:30:31	Yes
Mean:	5.512	5.512	0.0768				
SD :	0.2996	0.2996	0.0042				
%RSD:	5.4	5.4	5.4347				

Element: Hg Seq. No.: 76 AS Loc.: 1 Date: 04/21/2009
Sample ID: Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.030	-0.030	-0.0004	0.0062	0.0012	03:52:29	Yes
2	-0.035	-0.035	-0.0005	0.0051	0.0011	03:53:08	Yes
3	-0.030	-0.030	-0.0004	0.0057	0.0012	03:53:47	Yes
Mean:	-0.031	-0.031	-0.0004				
SD :	0.0029	0.0029	0.0000				
%RSD:	9.3	9.3	9.3050				

QC value within specified limits. ✓

Element: Hg Seq. No.: 77 AS Loc.: 7 Date: 04/21/2009
Sample ID: QC 4.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.173	4.173	0.0581	0.3099	0.0597	03:55:26	Yes
2	4.147	4.147	0.0578	0.3110	0.0594	03:56:05	Yes
3	4.198	4.198	0.0585	0.3122	0.0601	03:56:44	Yes
Mean:	4.172	4.172	0.0581				
SD :	0.0256	0.0256	0.0004				
%RSD:	0.6	0.6	0.6136				

QC value within specified limits. ✓ 104.3 %

Element: Hg Seq. No.: 78 AS Loc.: 23 Date: 04/21/2009
Sample ID: WMS 1475.03 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.871	0.871	0.0121	0.0723	0.0137	03:58:23	Yes
2	0.863	0.863	0.0120	0.0712	0.0136	03:59:02	Yes
3	0.880	0.880	0.0123	0.0715	0.0139	03:59:41	Yes
Mean:	0.871	0.871	0.0121				
SD :	0.0085	0.0085	0.0001				
%RSD:	1.0	1.0	0.9808				

87.1 % WMS LIMITS: 73.3-118.1 %
0.0035

Element: Hg Seq. No.: 79 AS Loc.: 24 Date: 04/21/2009
Sample ID: WMS 1475.04 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.776	0.776	0.0108	0.0646	0.0124	04:01:20	Yes
2	0.798	0.798	0.0111	0.0660	0.0127	04:01:59	Yes
3	0.792	0.792	0.0110	0.0649	0.0126	04:02:38	Yes
Mean:	0.789	0.789	0.0110				
SD :	0.0115	0.0115	0.0002				
%RSD:	1.5	1.5	1.4558				

79 %
0.0032

Element: Hg Seq. No.: 80 AS Loc.: 25 Date: 04/21/2009
Sample ID: WMSD 1475.05 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.925	0.925	0.0129	0.0751	0.0145	04:04:17	Yes
2	0.912	0.912	0.0127	0.0748	0.0143	04:04:56	Yes
3	0.910	0.910	0.0127	0.0756	0.0143	04:05:35	Yes
Mean:	0.916	0.916	0.0128				
SD :	0.0082	0.0082	0.0001				
%RSD:	0.9	0.9	0.8939				

92 %
0.0037

Element: Hg Seq. No.: 81 AS Loc.: 26 Date: 04/21/2009

Sample ID: WMSD 1475.06 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.897	0.897	0.0125	0.0742	0.0141	04:07:15	Yes
2	0.913	0.913	0.0127	0.0747	0.0143	04:07:54	Yes
3	0.894	0.894	0.0125	0.0738	0.0141	04:08:33	Yes
Mean:	0.901	0.901	0.0126				
SD :	0.0100	0.0100	0.0001				
%RSD:	1.1	1.1	1.1061				

90.1 0.0036

Element: Hg Seq. No.: 82 AS Loc.: 27 Date: 04/21/2009
Sample ID: 1475.07 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.083	-0.083	-0.0012	0.0019	0.0004	04:10:15	Yes
2	-0.084	-0.084	-0.0012	0.0017	0.0004	04:10:55	Yes
3	-0.082	-0.082	-0.0011	0.0022	0.0005	04:11:34	Yes
Mean:	-0.083	-0.083	-0.0012				
SD :	0.0010	0.0010	0.0000				
%RSD:	1.2	1.2	1.2187				

<0.001

Element: Hg Seq. No.: 83 AS Loc.: 28 Date: 04/21/2009
Sample ID: 1475.08 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.088	-0.088	-0.0012	0.0012	0.0004	04:13:12	Yes
2	-0.085	-0.085	-0.0012	0.0017	0.0004	04:13:51	Yes
3	-0.085	-0.085	-0.0012	0.0016	0.0004	04:14:30	Yes
Mean:	-0.086	-0.086	-0.0012				
SD :	0.0020	0.0020	0.0000				
%RSD:	2.3	2.3	2.3153				

<0.001

Element: Hg Seq. No.: 84 AS Loc.: 29 Date: 04/21/2009
Sample ID: 1475.09 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.083	-0.083	-0.0012	0.0019	0.0004	04:16:05	Yes
2	-0.080	-0.080	-0.0011	0.0023	0.0005	04:16:44	Yes
3	-0.083	-0.083	-0.0012	0.0020	0.0004	04:17:23	Yes
Mean:	-0.082	-0.082	-0.0011				
SD :	0.0019	0.0019	0.0000				
%RSD:	2.3	2.3	2.3114				

<0.001

Element: Hg Seq. No.: 85 AS Loc.: 30 Date: 04/21/2009
Sample ID: 1475.10 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.083	-0.083	-0.0012	0.0019	0.0004	04:18:58	Yes
2	-0.081	-0.081	-0.0011	0.0019	0.0005	04:19:37	Yes
3	-0.082	-0.082	-0.0011	0.0018	0.0005	04:20:17	Yes
Mean:	-0.082	-0.082	-0.0011				
SD :	0.0008	0.0008	0.0000				
%RSD:	1.0	1.0	0.9791				

<0.001

Element: Hg Seq. No.: 86 AS Loc.: 31 Date: 04/21/2009
Sample ID: WMD 1475.11 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.083	-0.083	-0.0012	0.0022	0.0004	04:21:53	Yes
2	-0.088	-0.088	-0.0012	0.0016	0.0004	04:22:32	Yes
3	-0.087	-0.087	-0.0012	0.0016	0.0004	04:23:12	Yes
Mean:	-0.086	-0.086	-0.0012				
SD :	0.0025	0.0025	0.0000				
%RSD:	2.9	2.9	2.8810				

<0.001

Element: Hg Seq. No.: 87 AS Loc.: 32 Date: 04/21/2009
Sample ID: WMD 1475.12 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.091	-0.091	-0.0013	0.0012	0.0003	04:24:49	Yes
2	-0.090	-0.090	-0.0013	0.0014	0.0003	04:25:28	Yes
3	-0.085	-0.085	-0.0012	0.0021	0.0004	04:26:07	Yes
Mean:	-0.089	-0.089	-0.0012				
SD :	0.0034	0.0034	0.0000				
%RSD:	3.8	3.8	3.8202				

<0.001

Element: Hg Seq. No.: 88 AS Loc.: 4 Date: 04/21/2009
Sample ID: CCVS 3.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.369	3.369	0.0469	0.2555	0.0485	04:27:45	Yes
2	3.132	3.132	0.0436	0.2451	0.0452	04:28:24	Yes
3	3.106	3.106	0.0433	0.2403	0.0449	04:29:03	Yes
Mean:	3.202	3.202	0.0446				
SD :	0.1447	0.1447	0.0020				
%RSD:	4.5	4.5	4.5199				

QC value within specified limits. ✓ 106.7% CCVS LIMITS: 90-110%

Element: Hg Seq. No.: 89 AS Loc.: 33 Date: 04/21/2009
Sample ID: 1475.13 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.082	-0.082	-0.0011	0.0025	0.0005	04:30:41	Yes
2	-0.086	-0.086	-0.0012	0.0016	0.0004	04:31:20	Yes
3	-0.081	-0.081	-0.0011	0.0024	0.0005	04:32:00	Yes
Mean:	-0.083	-0.083	-0.0012				
SD :	0.0026	0.0026	0.0000				
%RSD:	3.1	3.1	3.1411				

<0.001

Element: Hg Seq. No.: 90 AS Loc.: 34 Date: 04/21/2009
Sample ID: 1475.14 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.082	-0.082	-0.0011	0.0025	0.0005	04:33:38	Yes
2	-0.090	-0.090	-0.0013	0.0007	0.0003	04:34:17	Yes
3	-0.080	-0.080	-0.0011	0.0024	0.0005	04:34:57	Yes
Mean:	-0.084	-0.084	-0.0012				
SD :	0.0052	0.0052	0.0001				
%RSD:	6.2	6.2	6.1974				

<0.001

Element: Hg Seq. No.: 91 AS Loc.: 35 Date: 04/21/2009
Sample ID: 1475.15 x4

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	µg/L	µg/L	Signal	Area	Height		Stored
1	-0.081	-0.081	-0.0011	0.0023	0.0005	04:36:36	Yes
2	-0.085	-0.085	-0.0012	0.0013	0.0004	04:37:15	Yes
3	-0.080	-0.080	-0.0011	0.0025	0.0005	04:37:54	Yes
Mean:	-0.082	-0.082	-0.0011				
SD :	0.0028	0.0028	0.0000				
%RSD:	3.4	3.4	3.4366				

<0.001

==========

Element: Hg Seq. No.: 92 AS Loc.: 36 Date: 04/21/2009

Sample ID: 1475.16 x4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.089	-0.089	-0.0012	0.0013	0.0004	04:39:35	Yes
2	-0.087	-0.087	-0.0012	0.0011	0.0004	04:40:14	Yes
3	-0.090	-0.090	-0.0013	0.0008	0.0003	04:40:57	Yes
Mean:	-0.089	-0.089	-0.0012				
SD :	0.0018	0.0018	0.0000				
%RSD:	2.1	2.1	2.0815				

<0.001

Element: Hg Seq. No.: 93 AS Loc.: 0 Date: 04/21/2009
Sample ID: rinse

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.114	-0.114	-0.0016	-0.0020	0.0000	04:43:24	Yes
2	-0.115	-0.115	-0.0016	-0.0009	0.0000	04:44:04	Yes
3	-0.111	-0.111	-0.0015	-0.0002	0.0001	04:44:43	Yes
Mean:	-0.113	-0.113	-0.0016				
SD :	0.0022	0.0022	0.0000				
%RSD:	1.9	1.9	1.9354				

Element: Hg Seq. No.: 94 AS Loc.: 1 Date: 04/21/2009
Sample ID: Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.004	-0.004	-0.0001	0.0083	0.0015	04:46:18	Yes
2	-0.004	-0.004	-0.0001	0.0081	0.0015	04:46:57	Yes
3	-0.004	-0.004	-0.0001	0.0082	0.0015	04:47:36	Yes
Mean:	-0.004	-0.004	-0.0001				
SD :	0.0001	0.0001	0.0000				
%RSD:	3.4	3.4	3.3763				

QC value within specified limits.

Element: Hg Seq. No.: 95 AS Loc.: 7 Date: 04/21/2009
Sample ID: QC 4.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.201	4.201	0.0585	0.3254	0.0601	04:49:15	Yes
2	4.164	4.164	0.0580	0.3206	0.0596	04:49:54	Yes
3	4.221	4.221	0.0588	0.3198	0.0604	04:50:34	Yes
Mean:	4.195	4.195	0.0585				
SD :	0.0286	0.0286	0.0004				
%RSD:	0.7	0.7	0.6824				

QC value within specified limits.

104.9% QC LIMITS: 3-45-4-67

Element: Hg Seq. No.: 96 AS Loc.: 4 Date: 04/21/2009
Sample ID: CCVS 3.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.013	3.013	0.0420	0.2305	0.0436	04:52:14	Yes
2	2.993	2.993	0.0417	0.2312	0.0433	04:52:53	Yes
3	2.954	2.954	0.0412	0.2278	0.0428	04:53:32	Yes
Mean:	2.987	2.987	0.0416				
SD :	0.0299	0.0299	0.0004				
%RSD:	1.0	1.0	0.9998				

QC value within specified limits.

99.6% CCVS LIMITS: 90-110%

EPA 3010 Digestion Log

04/20/09

DATE	SAMPLE	WT VOL	FINAL VOL	METHOD	COMMENT	pH	TECH
1/17/09	1475-15	50ml	50ml	3010		y	HKT
	16	50ml	50ml	3010		y	HKT
1/20/09	WW BLK	50ml	50ml	3010			HKT
	LFB WW						
	Soil BLK	10ml		3050			
	LFB Soil						
	1456-01	2g					
	02						
	03						
	1479-02	2g					
	1482-01	10ml					
	02						
	03						
	1483-01	10ml		3010		y	
	02						
	03						
	04						
	1487-01	2g					
	02					y	
	1489-01	50ml					
	02						
	1490-01						
	03						
	1494-01	2g		3050			
	1494-02						
	1494-01				MDP		
	1494-01				MSP		
	1494-03						

DATE	SAMPLE	WT VOL	FINAL VOL	METHOD	COMMENT	pH	TECH
04/20/09	1494-04	2g	50ml	3050			HKT
	1494-05	50ml		3010		y	
	05				MDP		
	05				MSP		
	1504-01	25ml	25ml	3010		y	HKT
	03	25ml	25ml	3010		y	HKT
04/21/09	PW BLK	50ml	50ml	3005			HKT
	LFB PW						
	WW BLK			3010			
	LFB WW						
	TCLP BLK	5ml					
	LFB TCLP						
	1500-01	50ml		3005		y	
	01				MDP		
	01				MSP		
	1514-01			3010			
	01				MDP		
	01				MSP		
	1479-01	5ml		3010			
	01				MDP		
	01				MSP		
04/22/09	PW BLK	50ml	50ml	3005			HKT
	LFB PW						
	WW BLK	50ml		3010			
	LFB WW						
	Soil BLK	10ml		3050			
	LFB Soil						
	1515-00	50ml	50ml	3010		y	

EPA 245.2 Digestion Log

04/20/09

DATE	SAMPLE	WT/VOL	DIL	TIME IN	TIME OUT	TEMP
04/16/09	AMD1452 04	25ml	X1	3:00	5:00	99°
SMK	PMS 1452 04	↓	↓			
	T44 B 04/16	6.25ml	X4			
	1449 01					
	1449 02					
	1425 02	25ml	X1			
	1425 01	6.25ml	X4			
	1425 03					
	1446 01					
	1446 02					
	1448 00					
	1410 00					
	LAWN/TP	1.25g	X20			
	1449 01					
	1449 02					
04/17/09	1395 00	6.25ml	X4	11:30	1:30	99°
SMK	CCVS 30	25ml	X1	↓	↓	↓
04/20/09	BLANK	25ml	X1	3:30	5:30	99°
SMK	BLANK					
	BLANK					
	0.25					
	0.5					
	1.0					
	3.0					
	3.0					
	5.0					
	5.0					
	8.0					
	QC					
	QC					

DATE	SAMPLE	WT/VOL	DIL	TIME IN	TIME OUT	TEMP
04/20/09	QFB.40	25ml	X1	3:30	5:30	99°
SMK	1472.01					
	1472.02					
	1472.03					
	1475.01					
	1475.02					
MSP#1	1475.03					
MSP#2	1475.04					
MSD#1	1475.05					
MSD#2	1475.06					
	1475.07					
	1475.08					
	1475.09					
	1475.10					
MDP#9	1475.11					
MDP#10	1475.12					
	1475.13					
	1475.14					
	1475.15					
	1475.16					
	1489.01					
	1489.02					
	1490.01					
	1490.02					
	1490.03					
	1490.04					
	802 04/17					
	1602 04/17					
	1495.05					
	1488.00	G 25ml	X4			

DATE	SAMPLE	WT/VOL	DIL	TIME IN	TIME OUT
	1494.01	1.25g	X20	3:30	5:3
	.02				
	.03				
	.04				
	1456.03				
	1460.03				
	1479.02				
	1487.02				
	1487.01				
04/21/09	BLANK	25ml	X1	10:00	12:
SMK	QC 4.0				
	NYSDOH-				
	1403.06				
DP	1403.06				
SPK	1403.06				

GENERAL CHEMISTRY QC DELIVERABLES

CONFORMANCE / NON-CONFORMANCE SUMMARY

Wet Chemistry

NO_3, SO_4 &CN

QC Package for Sample Batch 291490.01-03

< QC criteria were met for the following unless otherwise stated :

* Method Blank
* Duplicate RPD
* Spike % Recoveries
* Reference Sample
* Holding Time (SW846)
* Laboratory Control Standard

NYSDEC - ASP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490.01-.03

Initial Calibration Source:Ricca (NO3),VWR(SO4) and J.T.BAKER(CN)

Continuing Calibration Source: Ricca(NO3),VWR(SO4) and J.T.BAKER(CN)

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	TRUE	Found	%R	TRUE	Found	%R(1)	Found	%R(1)	
Nitrate	1000.0	1000.0	100.0	1000.0	1000.0	100.0			EPA353.2
Sulfade	30000.0	30500.0	101.7	300.0	305.0	101.7			ASTMD51602
Cyanide	300.0	300.0	100.0	300.0	290.0	97.0			EPA335.4

NYSDEC - ASP
3
BLANKS

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.291490.01-.03

Preparation Blank Matrix (soil/water): water

Preparation Blank Concentration Units (ug/L or mg/Kg): ug/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration 1	C	2	C	3	C	Prepa-ration Blank	C	M
Nitrate	0.0	U									EPA353.2
Sulfate	0.0	U									ASTMD51602
Cyanide	0.0	U									EPA335.4

FORM III - IN

NYSDEC - ASP

5A
SPIKE SAMPLE RECOVERY

NYSDEC SAMPLE NO.

Lab Name: ECOTEST LABORATORY Contract:_____

Lab Code:_____ Case No.:_____ SAS No.:_____ SDG No.: 291490.01-.03

Matrix (soil/water):water Level (low/med): low

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg wet weight):_ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Nitrate	60-125	150.000		<50.000		200.000	75.0		
Sulfate	76-124	44,000.000		25,000.000		20,000.000	95.0		
Cyanide	77.9-110.1	200.000		<20.000		200.000	100.0		

Comments:

_____

_____

_____

_____

FORM V (PART 1) - IN

NYSDEC - ASP
6
DUPLICATES

NYSDEC SAMPLE NO.

Lab Name: ECOTEST LABORATORY Contract: _____

Lab Code: _____ Case No :_____ SAS No.: _____ SDG No.:291490.01-.03

Martix (soil/water) : _water Level (low/med):

% Solids for Sample: _____ % Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): _____

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Nitrate	25.000	150.000		150.000		0.000		EPA353.2
Sulfate	2,500.000	44,000.000		44,000.000		0.000		ASTMD51602
Cyanide	18.000	200.000		195.000		5.000		EPA335.4

NYSDEC - ASP
7
LABORATORY CONTROL SAMPLE

Lab Name: ECOTEST LABORATORY Contract: _____

Lab Code: _____ Case Code: _____ SAS No.: _____ SDG No.: 291490.01-.03

Instrument ID Number: _____ LCS Source: NYSDOH

Concentration Units: ug/L

Analyte	Aqueous (ug/L) TRUE	Found	%R	Solid (mg/Kg) TRUE	Found	C	Limits		%R
Nitrate	800.000	790.000	98.8						
Sulfate	205,000.000	190,000.000	107.9						
Cyanide	872.000	830.000	95.2						

FORM VII - IN

NYSDEC - ASP
13
PREPARATION LOG

Lab Name: ECOTEST LABORITORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490.01-.03

Method: EPA335.4

NYSDEC Sample No.	Preparation Date	Weight (gram)	Volume ml
291475.11 RE RUN	4/21/2009		250
291475.13 RE RUN	4/21/2009		250
xxxxxxx	4/21/2009		
xxxxxxx	4/21/2009		
xxxxxxx	4/21/2009		
xxxxxxx	4/21/2009		
xxxxxxx	4/21/2009		
xxxxxxx	4/21/2009		
xxxxxxx	4/21/2009		
xxxxxxx	4/21/2009		
xxxxxxx	4/21/2009		
xxxxxxx	4/21/2009		
291489.01	4/21/2009		250
291489.02	4/21/2009		250
291490.01	4/21/2009		250
291490.03	4/21/2009		250
xxxxxxx	4/21/2009		
xxxxxxx	4/21/2009		
xxxxxxx	4/21/2009		
291514.01	4/21/2009		250

Comments:

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490.01-.03

Instrument ID Number: Method: EPA353.2

Start Date:04/21/2009 End Date:04/21/2009

NYSDEC Sample No.	D/F	Time	%R	Analytes NO3																										
STD 1.0ppm				x																										
STD 1.0ppm				x																										
STD 1.0ppm				x																										
STD 0.7ppm				x																										
STD 0.5ppm				x																										
STD 0.2ppm				x																										
STD 0.1ppm				x																										
STD 0.05ppm				x																										
NO2 0.2ppm	x 1			x																										
QC NYS 1007	x 10		100	x																										
xxxxxxx				x																										
xxxxxxx				x																										
291475.01	x 10			x																										
291475.07	x 10			x																										
291475.09	x 10			x																										
291475.11	x 10			x																										
291475.13	x 10			x																										
291475.15	x 10			x																										
MS 291475.03	x 10		75	x																										
DMS 291475.05	x 10		75	x																										
STD 1.0ppm				x																										
QC NYS 1007	x 10		100	x																										
xxxxxxx				x																										
291489.01	x 10			x																										
291489.02	x 10			x																										
291490.01	x 10			x																										
290490.03	x 10			x																										
xxxxxxx				x																										
xxxxxxx				x																										
xxxxxxx				x																										
xxxxxxx				x																										
xxxxxxx				x																										
xxxxxxx				x																										
xxxxxxx				x																										

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490.01-.03

Instrument ID Number: Method: EPA353.2

Start Date:04/21/2009 End Date:04/21/2009

NYSDEC Sample No.	D/F	Time	%R	Analytes NO3
XXXXXXX				X
XXXXXXX				X
XXXXXXX				X
XXXXXXX				X
XXXXXXX				X
291514.01	x 10			X
XXXXXXX				X
XXXXXXX				X
XXXXXXX				X
XXXXXXX				X
SDT 1.0 ppm				X

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490.01-.03

Instrument ID Number: Method: ASTMD51602

Start Date:04/23/2009 End Date:04/23/2009

NYSDEC Sample No.	D/F	Time	%R	Analytes SO4
BLANK				x
STD 10ppm				x
STD 30 ppm				x
QC NYS 9702	x 5		107.9	x
291406	x 5			x
291446.01	x 5			x
291446.03	x 5			x
291446.05	x 2			x
291475.01	x 25			x
MS 291475.03	x 25		95	x
DMS 291475.05	x 25		95	x
291475.07	x 100			x
291475.09	x 50			x
291475.11	x 50			x
291475.13	x 50			x
291475.15	x 50			x
291489.01	x 5			x
291489.02	x 5			x
291490.01	x 50			x
291490.03	x 50			x
xxxxxxx				x
291514.01	x 50			x
xxxxxxx				x
291573.01	x 50			x
291573.03	x 2			x
DUP 291490.01	x 50			x
SPIKE 291490.01	x 50		65	x
DUP 290514.01	x 20			x
SPIKE 291514.01	x 20		120	x
291514.01	x 20			x
xxxxxxx				x
291573.01	x 50			x
291573.03	x 2			x
DUP 291573.03	x 2			x
SPIKE 291573.03	x 2		80	x

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490.01-.03

Instrument ID Number: Method: EPA335.4

Start Date:04/21/2009 End Date:04/21/2009

NYSDEC Sample No.	D/F	Time	%R	Analytes: CN
STD 0.3 ppm				x
STD 0.3 ppm				x
BLANK				x
STD 0.3 ppm				x
STD 0.3 ppm				x
STD 0.3 ppm				x
BLANK				x
STD 0.3 ppm				x
STD 0.25 ppm				x
STD 0.2 ppm				x
STD 0.15 ppm				x
STD 0.1 ppm				x
STD 0.05 ppm				x
STD 0.02 ppm				x
BLANK				x
xxxxxxx				x
xxxxxxx				x
QC 3ppm	x 12.5		93.3	x
QC NYS 2012	x 1		101.4	x
QC NYS 1012	X 5		95.2	x
RE RUN 291475.11	X 1			x
STD 0.3 ppm				x
RE RUN 291475.13	X 1			x
xxxxxxx				x
xxxxxxx				x
xxxxxxx				x
xxxxxxx				x
xxxxxxx				x
xxxxxxx				x
xxxxxxx				x
291489.01				x
STD 0.3 ppm				x
DUP 291475.13	x 1			x
SPIKE 291475.13	X 1		100	x

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 2914790.01-.03

Instrument ID Number: Method: EPA335.4

Start Date:04/21/2009 End Date:04/21/2009

NYSDEC Sample No.	D/F	Time	%R	Analytes: CN
291489.02	x1			x
291490.01				x
291490.03				x
xxxxxxx				x
xxxxxxx	x 1			x
291514.01	x 1			x
SPIKE 291489.01	x 1		97.5	x
DUP SPIKE 291489.01	x 1		100	x
STD 0.3 ppm	x 1			x

(S4) NO3 4-21-2009

#	Sample	Dil	Area	Result
2	1.0		0.96	
4	1.0		0.94	
6	1.0		1.0	
8	0.7		0.7	
10	0.5		0.5	
12	0.2		0.18	
14	0.1		0.09	
16	0.05		0.05	
18	NO3 0.2		0.18	
20	QC MRS100	x10	0.79	TV=7.9 7.9
22	1504-5	x10	0.65	6.5
24	1447-1	x10	0.32	3.2
26	1475-1	x10	<0.05	<0.5
28	1475-7	x10	<0.05	<0.5
30	-9	x10	<0.05	<0.5
32	-11	x10	<0.05	<0.5
34	-13	x10	<0.05	<0.5
36	-15	x10	0.05	0.5
38	MS 1475-3	x10	0.15	
40	DMS 1475-5	x10	0.15	
2	1.0		1.0	
4	QC MRS100	x10	0.79	TV=8.0 7.9
6	1487-1	x50	<0.25	
8	1489-1	x10	<0.05	<0.5
10	2	x10	0.05	0.5
12	1490-1	x10	0.15	1.5
14	3	x10	<0.05	<0.5
16	1494-5	x10	0.81	8.1
18	SPIKE 0.2 1497-1	x10	0.049	-0.33

#	Sample	Dil	Area	Result
22	1499-1	x10	0.48	4.9
24	2	x10	0.5	5.1
26	3	x10	0.47	4.7
28	1500-1	x10	0.16	1.6
30	1487-1	x20	<0.05	<1
32	1504-5	x10	0.53	5.3
34	1509-1	x10	0.54	5.4
36	2	x10	0.57	5.7
38	1514-1	x10	<0.05	<0.5
40	1519-1	x10	0.25	2.5
2	2	x10	0.55	5.5
4	1520-1	x10	0.12	1.2
6	2	x25	0.74	18.5
8	1.0		1.0	
10	1527-1	x10	<0.05	
12	2	x10	0.32	3.2
14	3	x10	0.22	2.2
16	4	x10	>1	Re-run
18	SPIKE 1509-1	x10	P 0.74	-0.56
20	DUP 1509-1	x10	P 0.56	5.6
22	1501	x10	<0.05	<0.5
24	1527-4	x1	<0.05	<0.5
26	1527-4	x10	0.15	1.5
28	1.0		1.0	
30	1501	x1	<0.05	<0.5
32	QC		0.8	
34	2 1/min	6.0 - 9.19		
36	DUP 2 1/min		pw 0.334	
38			NP 0.051	

Settleable Solid 4-22-2009

Sample	Vol	Start	End	Result
2 1536-1	1000 ml	10:50	1:50	2.1
2	1000 ml	↓	↓	3.0

NO3 4-24-2009

#	Sample	Dil	Area	Result
2	1.0		0.99	
4	1.0		0.99	
6	1.0		0.99	
8	0.7		0.71	
10	0.5		0.48	
12	0.2		0.17	
14	0.1		0.09	
16	0.05		0.04	
18	NO3 0.2		0.18	TV=1.8
20	QC MRS100	x10	0.79	7.9
22	1553-1	x1	0.06	0.06
24	(S4) 2	x1	0.81	0.81
26	3	x10	0.07	0.7
28	4	x10	0.06	0.6
30	1556	x10	<0.05	<0.5
32	1567-4	x10	0.12	1.2
34	6	x10	0.64	6.4
36	1535	x10	0.60	6.0
38	1563-1	x10	0.27	2.1
40	1564-3	x10	<0.05	<0.5
2	1.0		0.99	
4	QC MRS100	x10	0.77	7.9

#	Sample	Dil	Area	Result
12	1567-7	x10	0.19	1.9
14	1565-1	x10	<0.05	<0.5
16	2	x10	<0.05	<0.5
18	SPIKE 1564-6	x10	P 0.42	-0.28
20	DUP 1564-6	x10	P 0.24	0.2
22	1573-1	x10	<0.05	<0.5
24	3	x10	<0.05	<0.5
26	1575	x10	0.22	2.2
28	1556-1	x10	0.15	1.5
30	2	x10	0.55	5.5
32	1558-1	x1	<0.05	<0.5
34	2	x1	<0.05	<0.5
36	3	x1	0.05	0.5
38	4	x1	0.06	0.6
40	5	x1	0.06	0.6
2	SPIKE 1556-1	x10	NP 0.51	-0.11
4	DUP 1556-2	x10	NP 0.56	5.6
6	1602-1	x10	0.05	0.5
8	-2	x20	0.7	14
10	1.0		0.98	
12				
14				
16				

SO4

Comment	Date	Sample	DIL	ST	Conc	Result	Comment
	4-23-209	BLANK		100			
	SO4	10 ppm		73	9.5	95%	
		30 ppm		36	30.5	102%	
		OCWS9702	x5	25	41 x 5 = 205		TV=190
85%		291406	x5	62	14 x 5 = 70		
lc		291446-1	x5	NC	<5	x5<25	Dark sample
		3	x5	49	21	x5=105	
		5	x2	40	28 x 2 = 56		
all dic		291475-1	x25	43	25 x 25 = 625		
		-3	x25	23	44 - 25 = 19		95% MS
		-5	x25	23	44 - 25 = 19		95% DMS
		-7	x100	57	17 x 100 = 1700		
		-9	x50	35	31	x50 = 1550	
Retun		-11	x50	37	30	x50 = 1500	
		-13	x50	29	37 x 50 = 1850		
		-15	x50	62	14 x 5 = 70		
		291489-1	x5	57	17 x 5 = 85		
		2	x5	66	12 x 5 = 60		
TV=90		291490-1	x50	31	35 x 50 = 1750		Ave 1800
Ave=59		3	x50	29	37 x 50 = 1850		
		291509-2	x1	37	30		
	#2	291514-1	x50	78	6 x 50 = 300		
	Spent	291564-3	x1	100	<5		
		291573-1	x50	46	23 x 50 = 1200		
110%		3	x2	56	17.5	x2 = 35	
		DUP 291490-1	x50	30	36 x 50 = 1800		(Ave)
		SPIKE 20 291490-1	x50	19	49 - 36 = 13		100 Room (NP)
		DUP 291514-1	x20	45	22 x 20 = 440		Ave >45 120%
SP		SPIKE 20 291514-1	x20	22	44 - 20 = 24		
		291514-1	x20	50	21 x 20 = 420		

CN Distillation

4-13-2009

Sample	# Still	DIL	Sulfamic Acid	Start	End	Comment
291310-2	1	x1	✓	10:25	11:25	
291321	2	x1	✓	↓	↓	
291338-1	3	x1	✓	↓	↓	
291350	4	x1	✓	↓	↓	Total
291350	1	x1	✓	11:40	12:40	
291354	2	x1	✓	↓	↓	
291335	3	x100	✓	↓	↓	
291350	4	x1	✓	↓	↓	Free
291357	1	x1	✓	12:45	1:45	
291358-1	2	x1	✓	↓	↓	
3	3	x1	✓	↓	↓	

4-20-2009

Sample	# Still	DIL	Sulfamic Acid	Start	End	Comment
291405-2	1	x1	✓	9:10	10:10	
291406	2	x1	✓	↓	↓	
291434-	3	x1	✓	↓	↓	
291446-1	4	x1	✓	↓	↓	
291446-3	1	x1	✓	10:25	11:25	
5	2	x1	✓	↓	↓	
291447-1	3	x1	✓	↓	↓	
291452-4	4	x1	—	↓	↓	
291403-5	1	x1	—	11:40	12:40	MYS220
DUP -5	2	x1	—	↓	↓	"
QC EcoTech	3	x12.5	—	↓	↓	
QCMYS 3PPM 2010	4	x1	—	↓	↓	
291466-2	1	x1	✓	1:00	2:00	
3	2	x1	✓	↓	↓	
291381-1	3	x50	✓	↓	↓	
2	4	x50	✓	↓	↓	
291475-1	1	x1	✓	2:10	3:10	
4	2	x1	✓	↓	↓	MS+DUP

4-20-2009

Sample	# Still	DIL	Sulfamic acid	Start	End
291475-5	3	x1	✓	2:10	3:10
7	4	x1	✓	↓	↓
9	1	x1	✓	3:20	4:20
11	2	x1	✓	↓	↓
13	3	x1	✓	↓	↓
15	4	x1	✓	↓	↓

4-21-2009

Sample	# Still	DIL	Sulfamic acid	Start	End
291475-11	1	x1	✓	9:20	10:20
13	2	x1	✓	↓	↓
291403-5	3	x1	—	↓	↓
291403-5	4	x1	—	↓	↓
DUP ~~-1~~					
291482-1	1	x1	✓	10:30	11:30
2	2	x1	✓	↓	↓
3	3	x1	✓	↓	↓
291483-5	4	x1	✓	↓	↓
6	1	x1	✓	11:40	12:40
7	2	x1	✓	↓	↓
8	3	x1	✓	↓	↓
291489-1	4	x1	✓	↓	↓
2	1	x1	✓	12:58	1:50
291490-1	2	x1	✓	↓	↓
3	3	x1	✓	↓	↓
291505	4	x1	—	↓	↓
291483-7	2	x1	✓	2:15	3:15
291509-2	3	x1	✓	↓	↓
291514-1	4	x1	✓	↓	↓

4-21-2009 CV (SP)

Sample	ST	Curve	Auto DIL	Dil DIL	Result	Comment
0.3	100					
0.3	100					
BLANK	0					
0.3	100					
0.3	100					
0.3	100					
BLANK	0					
0.3	98.5					
0.25	89					
0.2	72.5					
0.15	59					
0.1	21					
0.05	22.5					
0.02	9					
BLANK	0	<0.02				
291403-5	70	0.18	x1	x1	0.18	#3 Dil
DUP 291403-5	69	0.175	x1	x1	0.175	#4 Dil
QC 3PPM	83	0225	x1	x125	=2.8	TV=3.0
QC NYS 2012	80	0.21	x1	x1	0.21	TV=0.207
QC NYS 1012	64	0.165	x1	x5	0.83	TV=0.872
291475-11	0	<0.02	x1	x1	<0.02	Re-run
0.3	96	0.29				
291475-13	11	0.025	x1	x1	0.025	
291482-1	0	<0.02	x1	x1	<0.02	
2	3	<0.02	x1	x1	<0.02	
3	4	<0.02	x1	x1	<0.02	
291482-5	2	<0.02	x1	x1	<0.02	
6	0	<0.02	x1	x1	<0.02	
7	0					

4-21-2009 CV (SH)

#	Sample	ST	Curve	Auto DIL	Dil DIL	Result	Comment
31	291482-1	0	<0.02	x1	x1	<0.02	
32	0.3	97	0.29			0.29	
33	DUP 291425-13	9	0.02	x1	x1		
34	SPIKE-0.2 291475-13	82	0.22	x1	x1	-0.02 = 0.210%	
35	291489-2	0	<0.02	x1	x1	<0.02	
36	291490-1	6	<0.02	x1	x1	<0.02	
37	3	0	<0.02	x1	x1	<0.02	
38	291505	0	<0.02	x1	x1	<0.02	
39	291509-2	0	<0.02	x1	x1	<0.02	
40	291514	0	<0.02	x1	x1	<0.02	
1	SPIKE-0.2 291489-1	75	0.195	x1	x1	0.195	
2	DUP SPIKE-0.2 291489-1	76	0.2	x1	x1	0.2	
3	0.3	96.5	0.29				

QC TV=

NY SDOH	1012	=0.	872 (0.604-1.28)	
NY SDOH	2012	=0.	207 (0.126-0.296)	
DUP Limit	NP	0.02		
0.2 SPIKE NP Limit		77.9	-110%	
All OK (SH)				

CONFORMANCE / NON-CONFORMANCE SUMMARY

Wet Chemistry

NH3

QC Package for Sample Batch 291490.01, .03

< QC criteria were met for the following unless otherwise stated :

* Method Blank
* Duplicate RPD
* Spike % Recoveries
* Reference Sample
* Holding Time (SW846)
* Laboratory Control Standard

NYSDEC - ASP
3
BLANKS

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490.01, .03

Preparation Blank Matrix (soil/water): water

Preparation Blank Concentration Units (ug/L or mg/Kg): ug/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration 1	C	2	C	3	C	Prepa-ration Blank	C	M
NH3	0.00								0.000		4500NH3C

FORM III - IN

NYSDEC - ASP
7
LABORATORY CONTROL SAMPLE

Lab Name: ECOTEST LABORATORY

Contract: ___________

Lab Code: ________ Case Code: ________ SAS No.: ________ SDG No.: 291490.01, .03

Instrument ID Number:
NH3 - Rapid Still

LCS Source: NH3(RICCA)

Concentration Units: ug/L

	Aqueous (ug/L)			Solid (mg/Kg)					
Analyte	TRUE	Found	%R	TRUE	Found	C	Limits		%R
NH3	5000.0	5200.0	104.0						

FORM VII - IN

NYSDEC - ASP
13
PREPARATION LOG

Lab Name: ECOTEST LABORITORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490.01, .03

Method: NH3

NYSDEC Sample No.	Preparation Date	Weight (gram)	Volume (mg/L)
Dig. Blank	04/22/09		140
QC	04/22/09		140
1490.01	04/22/09		140
1490.03	04/22/09		140

Comments:

FORM XIII - IN

NYSDEC - ASP
6
DUPLICATES

NYSDEC SAMPLE NO.

Lab Name: ECOTEST LABORATORY Contract: _____

Lab Code: _____ Case No :_____ SAS No.: _____ SDG No.: 291490.01, .03

Martix (soil/water) : water_____ Level (low/med):

% Solids for Sample: _____ % Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
NH3		8800.0000		9000.0000		2.2		4500NH3C
NH3		21600.0000		21200.0000		1.9		4500NH3C

FORM VI - IN

NYSDEC - ASP

5A
SPIKE SAMPLE RECOVERY

NYSDEC SAMPLE NO.

Lab Name: ECOTEST LABORATORY Contract:_____

Lab Code:_____ Case No.:_____ SAS No.:_____ SDG No.:291490.01, .03

Matrix (soil/water): water Level (low/med):Low

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg wet weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
NH3	75-125	6500.00		1400.00		5000.00	102.0		4500NH3C
NH3	75-125	6600.00		1400.00		5000.00	104.0		4500NH3C

Comments:

FORM V (PART 1) - IN

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.: 291490.01, .03

Instrument ID Number: RAPID STILL Method: nh3 (4500NH3C)

Start Date: 04/22/09 End Date: 04/22/09

NYSDEC Sample No.	D/F	Time	%R	Analytes: NH3
BLANK				X
NH3 QC				X
zzzzzz				
zzzzzz				
zzzzzz				
zzzzzz				
zzzzzz				
zzzzzz				
zzzzzz				
zzzzzz				
zzzzzz				
zzzzzz				
zzzzzzdp				X
zzzzzz				
zzzzz				
zzzzzz				
1490.01				X
1490.03				X
zzzzzz				
zzzzzzsp				X
zzzzzzz sp dp				X
zzzzz				
zzzzz				
zzzzz dp				X
zzzzz				
zzzzz				
zzzzz				
zzzzz				
zzzzz				
zzzzz				
zzzzz				

FORM XIV - IN

RAW DATA
NH3 4500NH3C
04/22/09

04/22/09 SMK

SAMPLE	START	END	BLK CORR	DIL	RESULT
BLANK	0.0	0.0	0.0		
NH3QC	0.0	5.2	5.2		104%
1473.01	5.2	5.2	0.0	2	<0.2
1473.02	5.2	5.3	0.1	2	0.2
1473.03	5.3	5.5	0.2	2	0.4
1473.04	5.5	6.2	0.7	2	1.4
1473.05	6.2	13.3	7.1	2	14.2
1473.06	13.3	18.8	5.5	2	11.0
1514.01	18.8	25.9	7.1	X4X2	14.2
1519.01	25.9	35.0	9.1	2	18.2
1519.02	35.0	43.0	8.0	2	16.0
1520.01	43.0	50.0 1.8	8.8	2	17.6
D 1520.01	1.8	10.8	9.0	2	18.0
1520.02	10.8	11.2	0.4	2	0.8
1446.01	11.2	>>	>>	4	RR
1446.03	11.2	25.6	14.4	2	28.8
1490.01	25.6	37.5	11.9	2	23.8
1490.03	37.5	37.6	0.1	2	0.2
1475.01	37.6	39.0	1.4	2	2.8
SP 1475.03	39.0	45.5	6.5	2	102%
SDP 1475.05	45.5	50.0 2.1	6.6	2	104%
1475.07	2.1	3.0	0.9	2	1.8
1475.09	3.0	24.6	21.6	2	43.2
DP 1475.11	24.6	45.8	21.2	2	42.4
1475.13	45.8	48.2	2.4	2	4.8
1475.15	48.2	48.4	0.2	2	0.4
1446.01	48.4	50.0 34.2	35.8	8	286.4
1517.00	34.2	34.2	0.0	2	<0.2
1517.06	34.2	34.7	0.5	2	1.0
1517.04	34.7	42.8	8.1	2	16.2
1516.00	42.8	50.0 3.7	10.9	X4	43.6

SAMPLE	START	END	BLK CORR	DIL	RES
QC TV = 5.0	LIMITS =	4.61 - 5.38			
DUP LIMIT = ND 88					
SPIKE LIMIT = 94 - 109%					

Calculated + QC checked + Reported by S. Krishnamoorthy - 04/22/09.

CONFORMANCE / NON-CONFORMANCE SUMMARY

Wet Chemistry

Chlorides,TDS

QC Package for Sample Batch 291490.01-.03

< QC criteria were met for the following unless otherwise stated :

* Method Blank
* Duplicate RPD
* Spike % Recoveries
* Reference Sample
* Holding Time (SW846)
* Laboratory Control Standard

NYSDEC - ASP
3
BLANKS

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.:291490

Preparation Blank Matrix (soil/water):water

Preparation Blank Concentration Units (ug/L or mg/Kg):ug/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration 1	C	2	C	3	C	Prepa-ration Blank	C	M
Chlorides									4000.000		T
TDS									1000.000		

FORM III - IN

NYSDEC - ASP

5A
SPIKE SAMPLE RECOVERY

NYSDEC SAMPLE NO.

Lab Name: ECOTEST LABORATORY Contract:_____

Lab Code:_____ Case No.:_____ SAS No.:_____ SDG No.:291490

Matrix (soil/water):water_____ Level (low/med):Low

% Solids for Sample: _____

Concentration Units (ug/L or mg/Kg wet weight):ug/L_____

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Chlorides	48.1-50.7	82.0000		35.0000		50000.00	94.0		T

Comments:

_____

_____

_____

_____

FORM V (PART 1) - IN

NYSDEC - ASP
6
DUPLICATES

NYSDEC SAMPLE NO.

Lab Name: ECOTEST LABORATORY Contract: _____

Lab Code: _____ Case No :_____ SAS No.: _____ SDG No.:291490

Martix (soil/water) : water_____ Level (low/med):Low

% Solids for Sample: _____ % Solids for Duplicate: _____

Concentration Units (ug/L or mg/Kg dry weight):ug/L _____

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Chlorides	48.1-50.7	35.0000		36.0000		2.8		T
TDS	820-859.4	679.0000		632.0000		7.2		
TDS	820-859.4	78.0000		113.0000		36.6		

FORM VI - IN

NYSDEC - ASP
7
LABORATORY CONTROL SAMPLE

Lab Name: ECOTEST LABORATORY Contract: _____

Lab Code: _____ Case Code: _____ SAS No.: _____ SDG No.:291490

Instrument ID Number: LCS Source:Ricca

Concentration Units: ug/L

	Aqueous (ug/L)			Solid (mg/Kg)				
Analyte	TRUE	Found	%R	TRUE	Found	C	Limits	
Chlorides	50ppm	51.0	100.0					
TDS	850.0	854.0	99.0					

FORM VII - IN

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.:291490

Instrument ID Number: Method:SM204500CIB

Start Date:04/22/09 End Date:04/28/09

NYSDEC Sample No.	D/F	Time	%R	Analytes
Blank	X1			X
Ref-ricca	X1			X
ZZZZZZ	X500			
ZZZZZZ	X500			
ZZZZZZ	X500			
ZZZZZZ	X500			
ZZZZZZ	X500			
ZZZZZZ	X500			
ZZZZZZ	X500			
ZZZZZZ	X500			
ZZZZZZ	X1			
ZZZZZZ	X1			
291490.01	X500			X
291490.03	X500			X
ZZZZZZ	X1			
ZZZZZZ	X10			
ZZZZZZ	X10			
291527.02	X1			X
ZZZZZZ	X1			
ZZZZZZ	X1			
ZZZZZZ	X10			
291527.02Dup	X1			X
291527.02Spike	X1			X

FORM XIV - IN

NYSDEC - ASP
14
ANALYSIS RUN LOG

Lab Name: ECOTEST LABORATORY Contract:

Lab Code: Case No.: SAS No.: SDG No.:291490

Instrument ID Number: Method:SM2540C

Start Date:04/27/09 End Date:04/28/09

NYSDEC Sample No	D/F	Time	%R	Analytes
ZZZZZZ	X10			
ZZZZZZ	X10			
ZZZZZZ	X10			
ZZZZZZ	X10			
ZZZZZZ	X10			
ZZZZZZ	X10			
ZZZZZZ	X10			
291490.01	X10			X
291490.03	X10			X
291545.01	X1			X
ZZZZZZ	X1			
291563.01	X1			X
ZZZZZZ	X1			
ZZZZZZ	X1			
ZZZZZZ	X1			
ZZZZZZ	X1			
ZZZZZZ	X1			
ZZZZZZ	X1			
ZZZZZZ	X1			
ZZZZZZ	X10			
ZZZZZZ	X10			
Blank	X1			X
291563.01Dup	X1			X
291545.01Dup	X1			X
Ref-2804397	X1			X

FORM XIV - IN

4-22-09 IS

CA

	Sample	Titration	use	Dil	Result
Blank	50ml DI H2O	0.3 - 0	0.3	X1	3
Ref	Recw-2810314	5.4 - 0	5.4	X1	51
	291475.01	8.7-5.4	3.3	X500	15000
	.03	11.9-8.7	3.2	X500	14500
	.05	14.8-11.9	2.9	X500	13000
	.07	19.2-14.8	4.4	X500	20500
	.09	22.6-19.2	3.4	X500	15500
	.11	26-22.6	3.4	X500	15500
	.13	29.2-26	3.2	X500	14500
	.15	31.3-29.2	2.1	X1	18
	291489.02	32.9-31.3	1.6	X1	13
	291490.01	36.4-32.9	3.5	X500	16000
	.03	40.5-36.4	4.1	X500	19000
	291500.01	44.8-40.5	4.3	X1	40
	291514.01	2.2-0	2.2	X10	190
	291527.01	3.3-2.2	1.1	X10	80
	.02	7.1-3.3	3.8	X1	35
	.03	10.9-7.1	3.8	X1	35
	.04	14.8-10.9	3.9	X1	36
	291536.01	27.5-14.8	12.7	X10	1240
Dup	291527.02	31.4-27.5	3.9	X1	36
Spike	291527.02	39.9-31.4	8.5	X1	82

Qc Limits 50ppm

Qc Limits 48.1 - 50.7

Potable ~~Sp~~ Dup Limits 1.66 mgL

Potable Spike Limits 93 - 104.2

CAL + Qc OK

Sample	Vial	Dilute wt	Use wt	Vol	R	Result
291475.01	31	52.4617	5[illegible]	100	2.3003	23003
.03	18	52.7489	[illegible]	100	2.2684	22684
.05	32	51.1024	[illegible]	100	2.2609	22609
.07	33	51.0195	[illegible]	100	2.5401	25401
.09	21	53.3227	[illegible]	100	2.5143	25143
.11	22	53.1523	[illegible]	100	2.4859	24859
.13	57	53.0177	[illegible]	100	2.5256	25256
.15	56	51.7411	[illegible]	100	0.0615	615
291489.01	23	52.7575	[illegible]	100	0.0526	526
.02	21	51.5312	[illegible]	100	0.0550	550
291490.01	17	52.6264	[illegible]	100	2.4536	24536
.03	40	51.4354	[illegible]	100	2.5362	25362
291509.02	11	51.1123	[illegible]	100	0.0216	216
291514.01	14	53.0057	[illegible]	100	0.1215	1215
291535.00	46	53.0042	[illegible]	100	0.0257	257
Blank	30	52.0094	[illegible]	100	0.0003	3
14.75.01 rep	50	51.2775	[illegible]	100	2.2817	22817
1488.01 rep	5	51.0525	[illegible]	100	0.0545	545
Ref-28043917	20	52.4674	[illegible]	100	0.0820	820

QC TV 850

QC Limits 820 – 3597.4

Non-Potable Susp Limits 59.4

Non Return Samples: 291475.01, .03, .05, .07, .09, .11, .13, .15

T Samples 291490.01, .03 ~~not~~ X 10 samples

Ref 28043917

Time IN 8:32 Temp IN [illegible]

Temp change out 9:05 to 13°C

Ref 1st Chk 52.5417 Ref 2nd Chk 52.5414

Time out [illegible] Temp out 18°C