

**PESTICIDE
EVALUATION REPORT FOR PES
TT05685**

EPA/CLP No.

NA

Report date 10/29/1999

Method: SW846 8082

Lab name: QUANTERRA

Labcode:

Case:

DAS No.

Matrix: SOIL

QC Report No.:

Sample wt/vol.

(g/mL)

%Moisture

Decanted: (Y/N)

Extraction

Concentrated Extract Volume:

(uL)

Injection Volume.

(uL)

GPC Cleanup. (Y/N)

pH

Contract:

SDG. AP03

Lab Sample ID:

Lab File ID:

Date sample received: 10/06/1999

Date Extracted: 10/07/1999

Date analyzed: 10/13/1999

Dilution Factor: 10

Sulfur Cleanup

Comments:

Lot Sample # G9J050191-018

Work Order: D3APV102

Date Sampled: 10/05/99

Prep Batch #: 9280346

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	640	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
58-89-8	gamma-BHC (Lindane)		Not Evaluated	

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: 3UOX14
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9J060191-01
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: APO3
Date Received: 10/06/99
Date Analyzed: 10/19/99

TCL HITS
2,3,7,8-TCDD

WARNING LOW

0.260

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

**DIOXIN/FURAN
EVALUATION REPORT FOR PES
F173VM**

EPA/CLP No.



(P)

Report date: 07/19/1999
Method: SW846 8280
Lab name: QUANTERRA

Labcode: Case: DAS No.
Matrix: SOIL QC Report No.:
Sample wt/vol: (g/ml)
Water Sample Prep.:
Concentrated Extract Volume: (uL)
Injection Volume: (uL) %Solids
GC Column: ID: (mm)

Contract:
SDG: GP01
Lab Sample ID:
Lab File ID:
Date sample received: 06/23/1999
Date Extracted: / /
Date analyzed: 06/28/1999
Dilution Factor: 1

Comments:

Lot Sample #: G9F220212-015 Work Order #: CX8NQ101 Date Sampled: 06/22/99
Prep Date: 06/23/99 Prep Batch #: 9174369
J - Estimated result. Result is less than the reporting limit.

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
1746-01-8	2,3,7,8-TCDD	0.46	Within Warning Limits	J

This Report Is for Internal Agency Use Only
PESTICIDE
EVALUATION REPORT FOR PES
TT00394

EPA/CLP No.

na

Report date: 07/19/1999

Method: SW846 8082

Lab name: quanterra

Labcode: QUANTER

Matrix: SOIL

Sample wt/vol: na

%Moisture na

Extraction:

Concentrated Extract Volume:

Injection Volume: (uL)

GPC Cleanup: (Y/N)

Case: na

DAS No. na

QC Report No. na

(g/mL) na

Decanted: (Y/N)

na (uL)

Contract: na

SDG: GP-01

Lab Sample ID: g9f220212-01

Lab File ID: na

Date sample received: 06/23/1999

Date Extracted: 06/24/1999

Date analyzed: 07/01/1999

Dilution Factor: 200

Sulfur Cleanup

Comments:

Concentration Units: ug/Kg

PES Compounds Reported					Q
11097-89-1	Aroclor-1254	50000	Within Warning Limits		Q
n= 41	Action Low= N.L.	Warning Low= 5200	Warning High=110000	Action High=130000	

PES Compounds Not Evaluated					Q
CAS No	Compound Name	Concentration	Evaluation		
58-89-9	gamma-BHC (Lindane)		Not Evaluated		

DIOXIN/FURAN
EVALUATION REPORT FOR PES
MDS368

EPA/CLP No.

Report date: 07/19/1999

Method: SW846 8260

Lab name: QUANTERRA

Labcode:

Case:

DAS No.

Matrix: SOIL

QC Report No.:

Sample wt/vol: (g/ml)

Water Sample Prep.:

Concentrated Extract Volume: (uL)

Injection Volume: (uL) %Solids

GC Column: ID: (mm)

Contract:

SDG: GP02

Lab Sample ID:

Lab File ID:

Date sample received: 06/24/1999

Date Extracted: / /

Date analyzed: 07/08/1999

Dilution Factor: 1

Comments:

Lot-Sample #: G9F230247-018

Date Sampled: 08/22/99

Prep Date 07/02/99

Prep Batch 9188384

Work Order #: CXAPC201

J = Estimated result Result is less than the reporting limit.

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
1746-01-6	2,3,7,8-TCDD	0.3	Warning Low	J

This Report is for Internal Agency Use Only
PESTICIDE
EVALUATION REPORT FOR PES
TT00332

EPA/CLP No.

na

Report date: 07/19/1999

Method: SW846 8082

Lab name: quanterra

Labcode: QUANTER Case: na DAS No. na

Matrix: SOIL QC Report No. na

Sample wt/vol: na (g/mL) na

%Moisture na Decanted: (Y/N)

Extraction:

Concentrated Extract Volume: na (uL)

Injection Volume: na (uL)

GPC Cleanup: (Y/N) pH:

Contract: na

SDG: GP02

Lab Sample ID: g9f230247-01

Lab File ID: na

Date sample received: 06/24/1999

Date Extracted: 08/26/1999

Date analyzed: 07/02/1999

Dilution Factor: 200

Sulfur Cleanup

Comments:

Concentration Units: ug/Kg

PES Compounds Reported					Q
12672-29-8	Aroclor-1248	27000	Within Warning Limits		Q
n= 12	Action Low= N.L.	Warning Low= N.L.	Warning High=79000	Action High=97000	

PES Compounds Not Evaluated					Q
CAS No	Compound Name	Concentration	Evaluation		
72-43-5	Methoxychlor		Not Evaluated		

**DIOXIN/FURAN
EVALUATION REPORT FOR PES
STF461**

EPA/CLP No.

na

Report date: 07/19/1999

Method: sw846 8280

Lab name: quanterra

Labcode: QUANTER

Case: na

DAS No. na

Matrix: SOIL

QC Report No. na

Sample wt/vol: na

(g/ml) na

Water Sample Prep.:

Concentrated Extract Volume: na

(uL)

Injection Volume: na (uL)

%Solids

GC Column:

na ID

na (mm)

Contract: na

SDG: GP03

Lab Sample ID: g9/250181-01

Lab File ID: na

Date sample received: 06/25/1999

Date Extracted: 06/27/1999

Date analyzed: 07/01/1999

Dilution Factor: 1

Comments:

only analyte analyzed for

Concentration Units: ug/Kg

PES Compounds Reported					Q
1746-01-6	2,3,7,8-TCDD		0.84	Within Warning Limits	B
n= 25	Action Low= N.L.	Warning Low= N.L.	Warning High=1.4	Action High=1.5	

PESTICIDE

EVALUATION REPORT FOR PES

TT00812

na

Report date: 07/19/1999

Method: SW846 8082

Lab name: quanterra

Labcode: QUANTER

Case: na

DAS No. na

Matrix: SOIL

QC Report No. na

Sample wt/vol: na

(g/mL) na

%Moisture na

Decanted: (Y/N)

Extraction:

Concentrated Extract Volume:

na (uL)

Injection Volume: na (uL)

GPC Cleanup: (Y/N) pH:

Contract: na

SDG: GP03

Lab Sample ID: g9250181-01

Lab File ID: na

Date sample received: 06/25/1999

Date Extracted: 06/26/1999

Date analyzed: 07/08/1999

Dilution Factor: 1

Sulfur Cleanup

Comments:

Concentration Units: ug/Kg

PES Compounds Reported					Q
12872-29-8	Aroclor-1248	280	Within Warning Limits		
n= 10	Action Low= 150	Warning Low= 250	Warning High=740	Action High=850	

PES Compounds Not Evaluated					Q
CAS No	Compound Name	Concentration	Evaluation		
72-43-5	Methoxychlor		Not Evaluated		
53494-70-5	Endrin ketone		Not Evaluated		

KLH

RAS INORGANIC
Method 6010B

PBS SAMPLE NUMBER: ICC00619
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F230248016
Lab File ID: MA

Contract: NA
DAS No: NA SDG No: GP04
Date Received: 06/25/99
Date Analyzed: 06/30/99

TCL HITS

ALUMINUM
ARSENIC
CALCIUM
CHROMIUM
COPPER
IRON
LEAD
MAGNESIUM
MANGANESE
POTASSIUM
VANADIUM
ZINC

WARNING HIGH	1840.000	
WITHIN WARNING LIMITS	21.900	B
WARNING LOW	32300.000	
WITHIN WARNING LIMITS	53.600	
WITHIN WARNING LIMITS	137.000	
WITHIN WARNING LIMITS	2520.000	
WITHIN WARNING LIMITS	248.000	B
WITHIN WARNING LIMITS	13100.000	
WITHIN WARNING LIMITS	716.000	
WITHIN WARNING LIMITS	682.000	
WITHIN WARNING LIMITS	124.000	
WITHIN WARNING LIMITS	747.000	

TCL MISSES
None

TCL CONTAMINANTS

SILVER	0.120
BARIUM	21.300
BERYLLIUM	0.140
CADMIUM	0.110
COBALT	9.200
SODIUM	72.400
NICKEL	3.600
ANTIMONY	1.600

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
MERCURY

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: W532DP
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F230248-09
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP04
Date Received: 06/25/99
Date Analyzed: 07/03/99

TCL HITS
2,3,7,8-TCDD

WITHIN WARNING LIMITS 0.630

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

Q113

**PESTICIDE
EVALUATION REPORT FOR PES
TT05558**

EPA/CLP No.

NA

Report date: 08/02/1999

Method: SW846 8082

Lab name: QUANTERRA.

Labcode:

Case:

DAS No.

Matrix: SOIL

QC Report No.:

Sample wt/vol

(g/mL)

%Moisture

Decanted: (Y/N)

Extraction:

Concentrated Extract Volume:

(uL)

Injection Volume:

(uL)

GPC Cleanup: (Y/N)

pH:

Contract:

SDG: GP04

Lab Sample ID:

Lab File ID:

Date sample received: 06/25/1999

Date Extracted: / /

Date analyzed: 06/29/1999

Dilution Factor: 50

Sulfur Cleanup

Comments.

Lot Sample #: G9F230248-018 Work Order #: CXDCA101 Matrix: Solid
Date Sampled: 06/24/99 Prep Date: 06/28/99 Prep Batch #: 9179313

Concentration Units: ug/Kg

PES Compounds Reported

CAS No.	Compound Name	Concentration	Evaluation	Q
11097-69-1	Aroclor-1254	22000	Within Warning Limits	

PES Compounds Not Evaluated

CAS No	Compound Name	Concentration	Evaluation	Q
59-59-9	gamma-BHC (Lindane)		Not Evaluated	

flp

DIOXINS/FURANS
Method 8280

PES SAMPLE NUMBER: W532DP
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F230248-09
Lab File ID: NA

Contract: NA
DAS No: NA SDG No: GP04
Date Received: 06/25/99
Date Analyzed: 07/03/99

TCL HITS
2,3,7,8-TCDD

WITHIN WARNING LIMITS 0.630

TCL MISSES
None

TCL CONTAMINANTS
None

TIC HITS
None

TIC MISSES
None

TIC CONTAMINANTS
None

SPIKED INTERFERENTS (concentrations not evaluated)
None

RAS INORGANIC
Method 6010B

PES SAMPLE NUMBER: ICC00619
EPA SAMPLE NUMBER: NA

Lab Name: QUANTERRA
Lab Code: QUANT Case No: NA
Lab Sample ID: G9F230248016
Lab File ID: MA

Contract: NA
DAS No: NA SDG No: GP04
Date Received: 06/25/99
Date Analyzed: 06/30/99

TCL HITS

ALUMINUM
ARSENIC
CALCIUM
CHROMIUM
COPPER
IRON
LEAD
MAGNESIUM
MANGANESE
POTASSIUM
VANADIUM
ZINC

WARNING HIGH	1840.000	
WITHIN WARNING LIMITS	21.900	B
WARNING LOW	32300.000	
WITHIN WARNING LIMITS	53.600	
WITHIN WARNING LIMITS	137.000	
WITHIN WARNING LIMITS	2520.000	
WITHIN WARNING LIMITS	248.000	B
WITHIN WARNING LIMITS	13100.000	
WITHIN WARNING LIMITS	716.000	
WITHIN WARNING LIMITS	682.000	
WITHIN WARNING LIMITS	124.000	
WITHIN WARNING LIMITS	747.000	

TCL MISSES

None

TCL CONTAMINANTS

SILVER
BARIUM
BERYLLIUM
CADMIUM
COBALT
SODIUM
NICKEL
ANTIMONY

0.120
21.300
0.140
0.110
9.200
72.400
3.600
1.600

TIC HITS

None

TIC MISSES

None

TIC CONTAMINANTS

None

SPIKED INTERFERENTS (concentrations not evaluated)
MERCURY