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Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915029

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	
Analysis Method : 8260B																					
Dilution: 1																					
1,2-Dichloroethane	5.03		ug/Kg	U	YES																
1,2-Dichloropropane	5.03		ug/Kg	U	YES																
1,3,5-Trimethylbenzene	5.03		ug/Kg	U	YES																
1,3-Dichlorobenzene	5.03		ug/Kg	U	YES																
1,3-Dichloropropane	5.03		ug/Kg	U	YES																
1,4-Dichlorobenzene	5.03		ug/Kg	U	YES																
2,2-Dichloropropane	5.03		ug/Kg	U	YES																
2-Butanone	67.4		ug/Kg		YES																
2-Chlorotoluene	5.03		ug/Kg	U	YES																
2-Hexanone	12.6		ug/Kg	U	YES																
4-Chlorotoluene	5.03		ug/Kg	U	YES																
4-Isopropyltoluene	5.03		ug/Kg	U	YES																
4-Methyl-2-pentanone	12.6		ug/Kg	U	YES																
Acetone	250		ug/Kg		YES																
Benzene	1.12		ug/Kg	J	YES																
Bromobenzene	5.03		ug/Kg	U	YES																
Bromochloromethane	5.03		ug/Kg	U	YES																
Bromodichloromethane	5.03		ug/Kg	U	YES																
Bromoform	5.03		ug/Kg	U	YES																
Bromomethane	5.03		ug/Kg	U	YES																
Carbon disulfide	5.03		ug/Kg	U	YES																
Carbon tetrachloride	5.03		ug/Kg	U	YES																
Chlorobenzene	5.03		ug/Kg	U	YES																
Chloroethane	5.03		ug/Kg	U	YES																
Chloroform	5.03		ug/Kg	U	YES																
Chloromethane	5.03		ug/Kg	U	YES																

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

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Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915029

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	5.03		ug/Kg	U	YES															
cis-1,3-Dichloropropene	5.03		ug/Kg	U	YES															
Dibromochloromethane	5.03		ug/Kg	U	YES															
Dibromomethane	5.03		ug/Kg	U	YES															
Dichlorodifluoromethane	5.03		ug/Kg	U	YES															
Ethyl Benzene	5.03		ug/Kg	U	YES															
Hexachlorobutadiene	5.03		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	5.03		ug/Kg	U	YES															
m,p-Xylene	10.1		ug/Kg	U	YES															
Methyl iodide	4.01		ug/Kg	J	YES															
Methylene chloride	20.1		ug/Kg	U	YES															
Naphthalene	5.03		ug/Kg	U	YES															
n-Butylbenzene	5.03		ug/Kg	U	YES															
n-Propylbenzene	5.03		ug/Kg	U	YES															
o-Xylene	5.03		ug/Kg	U	YES															
sec-Butylbenzene	5.03		ug/Kg	U	YES															
Styrene	5.03		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	5.03		ug/Kg	U	YES															
tert-Butylbenzene	5.03		ug/Kg	U	YES															
Tetrachloroethene	5.03		ug/Kg	U	YES															
Toluene	5.03		ug/Kg	U	YES															
trans-1,2-Dichloroethene	5.03		ug/Kg	U	YES															
trans-1,3-Dichloropropene	5.03		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	25.1		ug/Kg	U	YES															
Trichloroethene	5.03		ug/Kg	U	YES															
Trichlorofluoromethane	5.03		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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Report Date: 9/6/2011 10:37

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5402

Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915029

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV
Analysis Method : 8260B																				
Dilution: 1																				
Vinyl chloride	5.03		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	330		ug/Kg	U	YES															
1,2-Dichlorobenzene	330		ug/Kg	U	YES															
1,3-Dichlorobenzene	330		ug/Kg	U	YES															
1,4-Dichlorobenzene	330		ug/Kg	U	YES															
2,4,5-Trichlorophenol	330		ug/Kg	U	YES															
2,4,6-Trichlorophenol	330		ug/Kg	U	YES															
2,4-Dichlorophenol	330		ug/Kg	U	YES															
2,4-Dimethylphenol	330		ug/Kg	U	YES															
2,4-Dinitrotoluene	330		ug/Kg	U	YES															
2,6-Dinitrotoluene	330		ug/Kg	U	YES															
2-Chloronaphthalene	330		ug/Kg	U	YES															
2-Chlorophenol	330		ug/Kg	U	YES															
2-Methylnaphthalene	330		ug/Kg	U	YES															
2-Methylphenol	330		ug/Kg	U	YES															
2-Nitroaniline	330		ug/Kg	U	YES															
2-Nitrophenol	330		ug/Kg	U	YES															
3 and/or 4-Methylphenol	330		ug/Kg	U	YES															
3-Nitroaniline	330		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	330		ug/Kg	U	YES															
4-Chloro-3-methylphenol	330		ug/Kg	U	YES															
4-Chloroaniline	330		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	330		ug/Kg	U	YES															
4-Nitroaniline	330		ug/Kg	U	YES															
4-Nitrophenol	330		ug/Kg	U	YES															
Acenaphthene	330		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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5403

Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915029

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dts	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Acenaphthylene	330		ug/Kg	U	YES															
Anthracene	330		ug/Kg	U	YES															
Benzo(a)anthracene	330		ug/Kg	U	YES															
Benzo(a)pyrene	330		ug/Kg	U	YES															
Benzo(b)fluoranthene	330		ug/Kg	U	YES															
Benzo(g,h,i)perylene	330		ug/Kg	U	YES															
Benzo(k)fluoranthene	330		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	330		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	330		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	330		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	330		ug/Kg	U	YES															
Bulky benzyl phthalate	330		ug/Kg	U	YES															
Chrysene	330		ug/Kg	U	YES															
Dibenz(a,h)anthracene	330		ug/Kg	U	YES															
Dibenzofuran	330		ug/Kg	U	YES															
Diethyl phthalate	330		ug/Kg	U	YES															
Dimethyl phthalate	330		ug/Kg	U	YES															
Di-n-butyl phthalate	330		ug/Kg	U	YES															
Di-n-octyl phthalate	330		ug/Kg	U	YES															
Fluoranthene	330		ug/Kg	U	YES															
Fluorene	330		ug/Kg	U	YES															
Hexachlorobenzene	330		ug/Kg	U	YES															
Hexachlorobutadiene	330		ug/Kg	U	YES															
Hexachlorocyclopentadiene	330		ug/Kg	U	YES															
Hexachloroethane	330		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	330		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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5404

Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915029

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist TotDis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Isophorone	330		ug/Kg	U	YES															
Naphthalene	330		ug/Kg	U	YES															
Nitrobenzene	330		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	330		ug/Kg	U	YES															
Pentachlorophenol	330		ug/Kg	U	YES	UJ				UJ										
Phenanthrene	330		ug/Kg	U	YES															
Phenol	330		ug/Kg	U	YES															
Pyrene	330		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5405

Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915030

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C																				
Dilution: 1																				
Arsenic	0.683		mg/kg	J	YES															
Barium	95.6		mg/kg		YES															
Cadmium	0.650		mg/kg		YES	U			U											
Chromium	3.40		mg/kg		YES															
Lead	4.37		mg/kg		YES															
Selenium	2.03		mg/kg	U	YES															
Silver	1.01		mg/kg	U	YES															
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0185		mg/kg	U	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	9.90		ug/Kg	U	YES															
4,4'-DDD	9.90		ug/Kg	U	YES															
4,4'-DDE	9.90		ug/Kg	U	YES															
4,4'-DDE	9.90		ug/Kg	U	YES															
4,4'-DDT	9.90		ug/Kg	U	YES															
4,4'-DDT	9.90		ug/Kg	U	YES															
Aldrin	9.90		ug/Kg	U	YES															
Aldrin	9.90		ug/Kg	U	YES															
alpha-BHC	9.90		ug/Kg	U	YES															
alpha-BHC	9.90		ug/Kg	U	YES															
alpha-Chlordane	9.90		ug/Kg	U	YES															
alpha-Chlordane	9.90		ug/Kg	U	YES															
beta-BHC	9.90		ug/Kg	U	YES															
beta-BHC	9.90		ug/Kg	U	YES															
Chlordane	33.0		ug/Kg	U	YES															
Chlordane	33.0		ug/Kg	U	YES															
delta-BHC	9.90		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 10:37

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5406

Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915030

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
delta-BHC	9.90		ug/Kg	U	YES															
Dieldrin	9.90		ug/Kg	U	YES															
Dieldrin	9.90		ug/Kg	U	YES															
Endosulfan I	9.90		ug/Kg	U	YES															
Endosulfan I	9.90		ug/Kg	U	YES															
Endosulfan II	9.90		ug/Kg	U	YES															
Endosulfan II	9.90		ug/Kg	U	YES															
Endosulfan sulfate	9.90		ug/Kg	U	YES															
Endosulfan sulfate	9.90		ug/Kg	U	YES															
Endrin	9.90		ug/Kg	U	YES															
Endrin	9.90		ug/Kg	U	YES															
Endrin aldehyde	9.90		ug/Kg	U	YES															
Endrin aldehyde	9.90		ug/Kg	U	YES															
Endrin ketone	9.90		ug/Kg	U	YES															
Endrin ketone	9.90		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.90		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.90		ug/Kg	U	YES															
gamma-Chlordane	9.90		ug/Kg	U	YES															
gamma-Chlordane	9.90		ug/Kg	U	YES															
Heptachlor	9.90		ug/Kg	U	YES															
Heptachlor	9.90		ug/Kg	U	YES															
Heptachlor epoxide	9.90		ug/Kg	U	YES															
Heptachlor epoxide	9.90		ug/Kg	U	YES															
Methoxychlor	9.90		ug/Kg	U	YES															
Methoxychlor	9.90		ug/Kg	U	YES															
Toxaphene	33.0		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 10:37

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5407

Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915030

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
Toxaphene	33.0		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0167		mg/kg	U	YES															
2,4,5-T	0.0167		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES															
2,4-D	0.0167		mg/kg	U	YES															
2,4-D	0.0167		mg/kg	U	YES															
2,4-DB	0.0167		mg/kg	U	YES															
2,4-DB	0.0167		mg/kg	U	YES															
Dicamba	0.0167		mg/kg	U	YES															
Dicamba	0.0167		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.38		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.38		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.38		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.38		ug/Kg	U	YES															
1,1-Dichloroethane	4.38		ug/Kg	U	YES															
1,1-Dichloroethane	4.38		ug/Kg	U	YES															
1,1-Dichloropropene	4.38		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.38		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.38		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.38		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.38		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	26.3		ug/Kg	U	YES															
1,2-Dibromoethane	4.38		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.38		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 10:37

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5408

Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915030

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dichloroethane	4.38		ug/Kg	U	YES															
1,2-Dichloropropane	4.38		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.38		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.38		ug/Kg	U	YES															
1,3-Dichloropropane	4.38		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.38		ug/Kg	U	YES															
2,2-Dichloropropane	4.38		ug/Kg	U	YES															
2-Butanone	12.6		ug/Kg	J	YES															
2-Chlorotoluene	4.38		ug/Kg	U	YES															
2-Hexanone	11.0		ug/Kg	U	YES															
4-Chlorotoluene	4.38		ug/Kg	U	YES															
4-Isopropyltoluene	4.38		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.0		ug/Kg	U	YES															
Acetone	41.2		ug/Kg	J	YES															
Benzene	4.38		ug/Kg	U	YES															
Bromobenzene	4.38		ug/Kg	U	YES															
Bromochloromethane	4.38		ug/Kg	U	YES															
Bromodichloromethane	4.38		ug/Kg	U	YES															
Bromoform	4.38		ug/Kg	U	YES															
Bromomethane	4.38		ug/Kg	U	YES															
Carbon disulfide	4.38		ug/Kg	U	YES															
Carbon tetrachloride	4.38		ug/Kg	U	YES															
Chlorobenzene	4.38		ug/Kg	U	YES															
Chloroethane	4.38		ug/Kg	U	YES															
Chloroform	4.38		ug/Kg	U	YES															
Chloromethane	4.38		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroff Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 10:37

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Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915030

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.38		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.38		ug/Kg	U	YES															
Dibromochloromethane	4.38		ug/Kg	U	YES															
Dibromomethane	4.38		ug/Kg	U	YES															
Dichlorodifluoromethane	4.38		ug/Kg	U	YES															
Ethyl Benzene	4.38		ug/Kg	U	YES															
Hexachlorobutadiene	4.38		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.38		ug/Kg	U	YES															
m,p-Xylene	8.76		ug/Kg	U	YES															
Methyl iodide	4.38		ug/Kg	U	YES															
Methylene chloride	2.62		ug/Kg	J	YES															
Naphthalene	4.38		ug/Kg	U	YES															
n-Butylbenzene	4.38		ug/Kg	U	YES															
n-Propylbenzene	4.38		ug/Kg	U	YES															
o-Xylene	4.38		ug/Kg	U	YES															
sec-Butylbenzene	4.38		ug/Kg	U	YES															
Styrene	4.38		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.38		ug/Kg	U	YES															
tert-Butylbenzene	4.38		ug/Kg	U	YES															
Tetrachloroethene	4.38		ug/Kg	U	YES															
Toluene	4.38		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.38		ug/Kg	U	YES	UJ				UJ										
trans-1,3-Dichloropropene	4.38		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	21.9		ug/Kg	U	YES															
Trichloroethene	4.38		ug/Kg	U	YES															
Trichlorofluoromethane	4.38		ug/Kg	U	YES															

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5410

Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915030

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
Vinyl chloride	4.38		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	330		ug/Kg	U	YES															
1,2-Dichlorobenzene	330		ug/Kg	U	YES															
1,3-Dichlorobenzene	330		ug/Kg	U	YES															
1,4-Dichlorobenzene	330		ug/Kg	U	YES															
2,4,5-Trichlorophenol	330		ug/Kg	U	YES															
2,4,6-Trichlorophenol	330		ug/Kg	U	YES															
2,4-Dichlorophenol	330		ug/Kg	U	YES															
2,4-Dimethylphenol	330		ug/Kg	U	YES															
2,4-Dinitrotoluene	330		ug/Kg	U	YES															
2,6-Dinitrotoluene	330		ug/Kg	U	YES															
2-Chloronaphthalene	330		ug/Kg	U	YES															
2-Chlorophenol	330		ug/Kg	U	YES															
2-Methylnaphthalene	330		ug/Kg	U	YES															
2-Methylphenol	330		ug/Kg	U	YES															
2-Nitroaniline	330		ug/Kg	U	YES															
2-Nitrophenol	330		ug/Kg	U	YES															
3 and/or 4-Methylphenol	330		ug/Kg	U	YES															
3-Nitroaniline	330		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	330		ug/Kg	U	YES															
4-Chloro-3-methylphenol	330		ug/Kg	U	YES															
4-Chloroaniline	330		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	330		ug/Kg	U	YES															
4-Nitroaniline	330		ug/Kg	U	YES															
4-Nitrophenol	330		ug/Kg	U	YES															
Acenaphthene	330		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5411

Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915030

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quat	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Acenaphthylene	330		ug/Kg	U	YES															
Anthracene	330		ug/Kg	U	YES															
Benzo(a)anthracene	330		ug/Kg	U	YES															
Benzo(a)pyrene	330		ug/Kg	U	YES															
Benzo(b)fluoranthene	330		ug/Kg	U	YES															
Benzo(g,h,i)perylene	330		ug/Kg	U	YES															
Benzo(k)fluoranthene	330		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	330		ug/Kg	U	YES															
Bis(2-Chloroethoxy)ether	330		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	330		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	330		ug/Kg	U	YES															
Butyl benzyl phthalate	330		ug/Kg	U	YES															
Chrysene	330		ug/Kg	U	YES															
Dibenz(a,h)anthracene	330		ug/Kg	U	YES															
Dibenzofuran	330		ug/Kg	U	YES															
Diethyl phthalate	330		ug/Kg	U	YES															
Dimethyl phthalate	330		ug/Kg	U	YES															
Di-n-butyl phthalate	330		ug/Kg	U	YES															
Di-n-octyl phthalate	330		ug/Kg	U	YES															
Fluoranthene	330		ug/Kg	U	YES															
Fluorene	330		ug/Kg	U	YES															
Hexachlorobenzene	330		ug/Kg	U	YES															
Hexachlorobutadiene	330		ug/Kg	U	YES															
Hexachlorocyclopentadiene	330		ug/Kg	U	YES															
Hexachloroethane	330		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	330		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5412

Sample Qualification Report (All Analytes)

Client Sample ID : E11-138-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915030

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Result Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Isophorone	330		ug/Kg	U	YES															
Naphthalene	330		ug/Kg	U	YES															
Nitrobenzene	330		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	330		ug/Kg	U	YES															
Pentachlorophenol	330		ug/Kg	U	YES	UJ				UJ										
Phenanthrene	330		ug/Kg	U	YES															
Phenol	330		ug/Kg	U	YES															
Pyrene	330		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5413

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915026

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToUDis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C																				
Dilution: 1																				
Arsenic	2.03		mg/kg		YES															
Barium	69.1		mg/kg		YES															
Cadmium	0.755		mg/kg		YES	U							U							
Chromium	3.84		mg/kg		YES															
Lead	10.2		mg/kg		YES															
Selenium	2.06		mg/kg	U	YES															
Silver	1.03		mg/kg	U	YES															
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0101		mg/kg	J	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	10.3		ug/Kg	U	YES															
4,4'-DDD	10.3		ug/Kg	U	YES															
4,4'-DDE	10.3		ug/Kg	U	YES															
4,4'-DDE	10.3		ug/Kg	U	YES															
4,4'-DDT	10.3		ug/Kg	U	YES															
4,4'-DDT	10.3		ug/Kg	U	YES															
Aldrin	10.3		ug/Kg	U	YES															
Aldrin	10.3		ug/Kg	U	YES															
alpha-BHC	0.446		ug/Kg	JP	YES															
alpha-BHC	0.446		ug/Kg	JP	YES															
alpha-Chlordane	10.3		ug/Kg	U	YES															
alpha-Chlordane	10.3		ug/Kg	U	YES															
beta-BHC	10.3		ug/Kg	U	YES															
beta-BHC	10.3		ug/Kg	U	YES															
Chlordane	34.2		ug/Kg	U	YES															
Chlordane	34.2		ug/Kg	U	YES															
delta-BHC	10.3		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5414

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915026

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
della-BHC	10.3		ug/Kg	U	YES															
Dieldrin	10.3		ug/Kg	U	YES															
Dieldrin	10.3		ug/Kg	U	YES															
Endosulfan I	10.3		ug/Kg	U	YES															
Endosulfan I	10.3		ug/Kg	U	YES															
Endosulfan II	10.3		ug/Kg	U	YES															
Endosulfan II	10.3		ug/Kg	U	YES															
Endosulfan sulfate	10.3		ug/Kg	U	YES															
Endosulfan sulfate	10.3		ug/Kg	U	YES															
Endrin	10.3		ug/Kg	U	YES															
Endrin	10.3		ug/Kg	U	YES															
Endrin aldehyde	10.3		ug/Kg	U	YES															
Endrin aldehyde	10.3		ug/Kg	U	YES															
Endrin ketone	10.3		ug/Kg	U	YES															
Endrin ketone	10.3		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.3		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.3		ug/Kg	U	YES															
gamma-Chlordane	10.3		ug/Kg	U	YES															
gamma-Chlordane	10.3		ug/Kg	U	YES															
Heptachlor	10.3		ug/Kg	U	YES															
Heptachlor	10.3		ug/Kg	U	YES															
Heptachlor epoxide	10.3		ug/Kg	U	YES															
Heptachlor epoxide	10.3		ug/Kg	U	YES															
Methoxychlor	10.3		ug/Kg	U	YES															
Methoxychlor	10.3		ug/Kg	U	YES															
Toxaphene	34.2		ug/Kg	U	YES															

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5415

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915026

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
Toxaphene	34.2		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0174		mg/kg	U	YES	UJ														
2,4,5-T	0.0174		mg/kg	U	YES	UJ														
2,4,5-TP (Silvex)	0.0174		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0174		mg/kg	U	YES															
2,4'-D	0.0174		mg/kg	U	YES	UJ														
2,4'-D	0.0174		mg/kg	U	YES	UJ														
2,4-DB	0.0174		mg/kg	U	YES	UJ														
2,4-DB	0.0174		mg/kg	U	YES	UJ														
Dicamba	0.0174		mg/kg	U	YES	UJ														
Dicamba	0.0174		mg/kg	U	YES	UJ														
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	3.94		ug/Kg	U	YES															
1,1,1-Trichloroethane	3.94		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	3.94		ug/Kg	U	YES															
1,1,2-Trichloroethane	3.94		ug/Kg	U	YES															
1,1-Dichloroethane	3.94		ug/Kg	U	YES															
1,1-Dichloroethene	3.94		ug/Kg	U	YES															
1,1-Dichloropropene	3.94		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	3.94		ug/Kg	U	YES															
1,2,3-Trichloropropane	3.94		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	3.94		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	3.94		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	23.6		ug/Kg	U	YES															
1,2-Dibromoethane	3.94		ug/Kg	U	YES															
1,2-Dichlorobenzene	3.94		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5416

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915026

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dichloroethane	3.94		ug/Kg	U	YES															
1,2-Dichloropropane	3.94		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	3.94		ug/Kg	U	YES															
1,3-Dichlorobenzene	3.94		ug/Kg	U	YES															
1,3-Dichloropropane	3.94		ug/Kg	U	YES															
1,4-Dichlorobenzene	3.94		ug/Kg	U	YES															
2,2-Dichloropropane	3.94		ug/Kg	U	YES															
2-Butanone	21.6		ug/Kg		YES															
2-Chlorotoluene	3.94		ug/Kg	U	YES															
2-Hexanone	9.84		ug/Kg	U	YES															
4-Chlorotoluene	3.94		ug/Kg	U	YES															
4-Isopropyltoluene	3.94		ug/Kg	U	YES															
4-Methyl-2-pentanone	9.84		ug/Kg	U	YES															
Acetone	122		ug/Kg		YES															
Benzene	3.94		ug/Kg	U	YES															
Bromobenzene	3.94		ug/Kg	U	YES															
Bromochloromethane	3.94		ug/Kg	U	YES															
Bromodichloromethane	3.94		ug/Kg	U	YES															
Bromoform	3.94		ug/Kg	U	YES															
Bromomethane	3.94		ug/Kg	U	YES															
Carbon disulfide	3.94		ug/Kg	U	YES															
Carbon tetrachloride	3.94		ug/Kg	U	YES															
Chlorobenzene	3.94		ug/Kg	U	YES															
Chloroethane	3.94		ug/Kg	U	YES															
Chloroform	3.94		ug/Kg	U	YES															
Chloromethane	3.94		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5417

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915026

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	3.94		ug/Kg	U	YES															
cis-1,3-Dichloropropene	3.94		ug/Kg	U	YES															
Dibromochloromethane	3.94		ug/Kg	U	YES															
Dibromomethane	3.94		ug/Kg	U	YES															
Dichlorodifluoromethane	3.94		ug/Kg	U	YES															
Ethyl Benzene	3.94		ug/Kg	U	YES															
Hexachlorobutadiene	3.94		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	3.94		ug/Kg	U	YES															
m,p-Xylene	7.87		ug/Kg	U	YES															
Methyl iodide	3.94		ug/Kg	U	YES															
Methylene chloride	2.05		ug/Kg	J	YES															
Naphthalene	3.94		ug/Kg	U	YES															
n-Butylbenzene	3.94		ug/Kg	U	YES															
n-Propylbenzene	3.94		ug/Kg	U	YES															
o-Xylene	3.94		ug/Kg	U	YES															
sec-Butylbenzene	3.94		ug/Kg	U	YES															
Styrene	3.94		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	3.94		ug/Kg	U	YES															
tert-Butylbenzene	3.94		ug/Kg	U	YES															
Tetrachloroethene	3.94		ug/Kg	U	YES															
Toluene	2.87		ug/Kg	J	YES															
trans-1,2-Dichloroethene	3.94		ug/Kg	U	YES	UJ								UJ						
trans-1,3-Dichloropropene	3.94		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	19.7		ug/Kg	U	YES															
Trichloroethene	3.94		ug/Kg	U	YES															
Trichlorofluoromethane	3.94		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5418

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915026

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Rep Surr	Rep Limit	Moist TotDis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
Vinyl chloride	3.84		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	337		ug/Kg	U	YES															
1,2-Dichlorobenzene	337		ug/Kg	U	YES															
1,3-Dichlorobenzene	337		ug/Kg	U	YES															
1,4-Dichlorobenzene	337		ug/Kg	U	YES															
2,4,5-Trichlorophenol	337		ug/Kg	U	YES															
2,4,6-Trichlorophenol	337		ug/Kg	U	YES															
2,4-Dichlorophenol	337		ug/Kg	U	YES															
2,4-Dimethylphenol	337		ug/Kg	U	YES															
2,4-Dinitrotoluene	337		ug/Kg	U	YES															
2,6-Dinitrotoluene	337		ug/Kg	U	YES															
2-Chloronaphthalene	337		ug/Kg	U	YES															
2-Chlorophenol	337		ug/Kg	U	YES															
2-Methylnaphthalene	337		ug/Kg	U	YES															
2-Methylphenol	337		ug/Kg	U	YES															
2-Nitroaniline	337		ug/Kg	U	YES															
2-Nitrophenol	337		ug/Kg	U	YES															
3 and/or 4-Methylphenol	337		ug/Kg	U	YES															
3-Nitroaniline	337		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	337		ug/Kg	U	YES															
4-Chloro-3-methylphenol	337		ug/Kg	U	YES															
4-Chloroaniline	337		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	337		ug/Kg	U	YES															
4-Nitroaniline	337		ug/Kg	U	YES															
4-Nitrophenol	337		ug/Kg	U	YES															
Acenaphthene	337		ug/Kg	U	YES															

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5419

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915026

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Acenaphthylene	337		ug/Kg	U	YES															
Anthracene	337		ug/Kg	U	YES															
Benzo(a)anthracene	337		ug/Kg	U	YES															
Benzo(a)pyrene	337		ug/Kg	U	YES															
Benzo(b)fluoranthene	337		ug/Kg	U	YES															
Benzo(g,h,i)perylene	337		ug/Kg	U	YES															
Benzo(k)fluoranthene	337		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	337		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	337		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	337		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	337		ug/Kg	U	YES															
Butyl benzyl phthalate	337		ug/Kg	U	YES															
Chrysene	337		ug/Kg	U	YES															
Dibenz(a,h)anthracene	337		ug/Kg	U	YES															
Dibenzofuran	337		ug/Kg	U	YES															
Diethyl phthalate	337		ug/Kg	U	YES															
Dimethyl phthalate	337		ug/Kg	U	YES															
Di-n-butyl phthalate	337		ug/Kg	U	YES															
Di-n-octyl phthalate	337		ug/Kg	U	YES															
Fluoranthene	337		ug/Kg	U	YES															
Fluorene	337		ug/Kg	U	YES															
Hexachlorobenzene	337		ug/Kg	U	YES															
Hexachlorobutadiene	337		ug/Kg	U	YES															
Hexachlorocyclopentadiene	337		ug/Kg	U	YES															
Hexachloroethane	337		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	337		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5420

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915026

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D		Dilution: 1																		
Isophorone	337		ug/Kg	U	YES															
Naphthalene	337		ug/Kg	U	YES															
Nitrobenzene	337		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	337		ug/Kg	U	YES															
Pentachlorophenol	337		ug/Kg	U	YES	UJ				UJ										
Phenanthrene	337		ug/Kg	U	YES															
Phenol	337		ug/Kg	U	YES															
Pyrene	337		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5421

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915027

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C																				
Dilution: 1																				
Arsenic	1.40		mg/kg		YES															
Barium	66.9		mg/kg		YES															
Cadmium	0.636		mg/kg		YES	U							U							
Chromium	3.73		mg/kg		YES															
Lead	6.57		mg/kg		YES															
Selenium	2.05		mg/kg	U	YES															
Silver	1.02		mg/kg	U	YES															
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.00318		mg/kg	J	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	10.1		ug/Kg	U	YES															
4,4'-DDD	10.1		ug/Kg	U	YES															
4,4'-DDE	10.1		ug/Kg	U	YES															
4,4'-DDE	10.1		ug/Kg	U	YES															
4,4'-DDT	10.1		ug/Kg	U	YES															
4,4'-DDT	10.1		ug/Kg	U	YES															
Aldrin	10.1		ug/Kg	U	YES															
Aldrin	10.1		ug/Kg	U	YES															
alpha-BHC	10.1		ug/Kg	U	YES															
alpha-BHC	10.1		ug/Kg	U	YES															
alpha-Chlordane	10.1		ug/Kg	U	YES															
alpha-Chlordane	10.1		ug/Kg	U	YES															
beta-BHC	10.1		ug/Kg	U	YES															
beta-BHC	10.1		ug/Kg	U	YES															
Chlordane	33.6		ug/Kg	U	YES															
Chlordane	33.6		ug/Kg	U	YES															
delta-BHC	10.1		ug/Kg	U	YES															

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

54 22

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915027

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dls	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
delta-BHC	10.1		ug/Kg	U	YES															
Dieldrin	10.1		ug/Kg	U	YES															
Diieldrin	10.1		ug/Kg	U	YES															
Endosulfan I	10.1		ug/Kg	U	YES															
Endosulfan II	10.1		ug/Kg	U	YES															
Endosulfan III	10.1		ug/Kg	U	YES															
Endosulfan sulfate	10.1		ug/Kg	U	YES															
Endrin	10.1		ug/Kg	U	YES															
Endrin aldehyde	10.1		ug/Kg	U	YES															
Endrin ketone	10.1		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.1		ug/Kg	U	YES															
gamma-Chlordane	10.1		ug/Kg	U	YES															
Heptachlor	10.1		ug/Kg	U	YES															
Heptachlor epoxide	10.1		ug/Kg	U	YES															
Methoxychlor	10.1		ug/Kg	U	YES															
Toxaphene	33.6		ug/Kg	U	YES															

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5423

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915027

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
Toxaphene	33.6		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0165		mg/kg	U	YES	UJ														
2,4,5-T	0.0165		mg/kg	U	YES	UJ														
2,4,5-TP (Silvex)	0.0165		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0165		mg/kg	U	YES															
2,4'-D	0.0165		mg/kg	U	YES	UJ														
2,4'-D	0.0165		mg/kg	U	YES	UJ														
2,4-DB	0.0165		mg/kg	U	YES	UJ														
2,4-DB	0.0165		mg/kg	U	YES	UJ														
Dicamba	0.0165		mg/kg	U	YES	UJ														
Dicamba	0.0165		mg/kg	U	YES	UJ														
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.65		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.65		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.65		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.65		ug/Kg	U	YES															
1,1-Dichloroethane	4.65		ug/Kg	U	YES															
1,1-Dichloroethene	4.65		ug/Kg	U	YES															
1,1-Dichloropropene	4.65		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.65		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.65		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.65		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.65		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	27.9		ug/Kg	U	YES															
1,2-Dibromoethane	4.65		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.65		ug/Kg	U	YES															

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

54 24

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915027

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dichloroethane	4.65		ug/Kg	U	YES															
1,2-Dichloropropane	4.65		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.65		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.65		ug/Kg	U	YES															
1,3-Dichloropropane	4.65		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.65		ug/Kg	U	YES															
2,2-Dichloropropane	4.65		ug/Kg	U	YES															
2-Butanone	12.1		ug/Kg	J	YES															
2-Chlorotoluene	4.65		ug/Kg	U	YES															
2-Hexanone	11.6		ug/Kg	U	YES															
4-Chlorotoluene	4.65		ug/Kg	U	YES															
4-Isopropyltoluene	4.65		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.6		ug/Kg	U	YES															
Acetone	44.7		ug/Kg	J	YES															
Benzene	4.65		ug/Kg	U	YES															
Bromobenzene	4.65		ug/Kg	U	YES															
Bromochloromethane	4.65		ug/Kg	U	YES															
Bromodichloromethane	4.65		ug/Kg	U	YES															
Bromoform	4.65		ug/Kg	U	YES															
Bromomethane	4.65		ug/Kg	U	YES															
Carbon disulfide	4.65		ug/Kg	U	YES															
Carbon tetrachloride	4.65		ug/Kg	U	YES															
Chlorobenzene	4.65		ug/Kg	U	YFR															
Chloroethane	4.65		ug/Kg	U	YES															
Chloroform	4.65		ug/Kg	U	YES															
Chloromethane	4.65		ug/Kg	U	YES															

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Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5425

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915027

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/DIs	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.65		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.65		ug/Kg	U	YES															
Dibromochloromethane	4.65		ug/Kg	U	YES															
Dibromomethane	4.65		ug/Kg	U	YES															
Dichlorodifluoromethane	4.65		ug/Kg	U	YES															
Ethyl Benzene	4.65		ug/Kg	U	YES															
Hexachlorobutadiene	4.65		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.65		ug/Kg	U	YES															
m,p-Xylene	9.29		ug/Kg	U	YES															
Methyl iodide	4.65		ug/Kg	U	YES															
Methylene chloride	2.46		ug/Kg	J	YES															
Naphthalene	4.65		ug/Kg	U	YES															
n-Butylbenzene	4.65		ug/Kg	U	YES															
n-Propylbenzene	4.65		ug/Kg	U	YES															
o-Xylene	4.65		ug/Kg	U	YES															
sec-Butylbenzene	4.65		ug/Kg	U	YES															
Styrene	4.65		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.65		ug/Kg	U	YES															
tert-Butylbenzene	4.65		ug/Kg	U	YES															
Tetrachloroethene	4.65		ug/Kg	U	YES															
Toluene	4.65		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.65		ug/Kg	U	YES	UJ					UJ									
trans-1,3-Dichloropropene	4.65		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	23.2		ug/Kg	U	YES															
Trichloroethene	4.65		ug/Kg	U	YES															
Trichlorofluoromethane	4.65		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5426

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915027

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dts	Field GC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
Vinyl chloride	4.65		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	328		ug/Kg	U	YES															
1,2-Dichlorobenzene	328		ug/Kg	U	YES															
1,3-Dichlorobenzene	328		ug/Kg	U	YES															
1,4-Dichlorobenzene	328		ug/Kg	U	YES															
2,4,5-Trichlorophenol	328		ug/Kg	U	YES															
2,4,6-Trichlorophenol	328		ug/Kg	U	YES															
2,4-Dichlorophenol	328		ug/Kg	U	YES															
2,4-Dimethylphenol	328		ug/Kg	U	YES															
2,4-Dinitrotoluene	328		ug/Kg	U	YES															
2,6-Dinitrotoluene	328		ug/Kg	U	YES															
2-Chloronaphthalene	328		ug/Kg	U	YES															
2-Chlorophenol	328		ug/Kg	U	YES															
2-Methylnaphthalene	328		ug/Kg	U	YES															
2-Methylphenol	328		ug/Kg	U	YES															
2-Nitroaniline	328		ug/Kg	U	YES															
2-Nitrophenol	328		ug/Kg	U	YES															
3 and/or 4-Methylphenol	328		ug/Kg	U	YES															
3-Nitroaniline	328		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	328		ug/Kg	U	YES															
4-Chloro-3-methylphenol	328		ug/Kg	U	YES															
4-Chloroaniline	328		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	328		ug/Kg	U	YES															
4-Nitroaniline	328		ug/Kg	U	YES															
4-Nitrophenol	328		ug/Kg	U	YES															
Acenaphthene	328		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

54 27

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915027

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Acenaphthylene	328		ug/Kg	U	YES															
Anthracene	328		ug/Kg	U	YES															
Benzo(a)anthracene	328		ug/Kg	U	YES															
Benzo(a)pyrene	328		ug/Kg	U	YES															
Benzo(b)fluoranthene	328		ug/Kg	U	YES															
Benzo(g,h,i)perylene	328		ug/Kg	U	YES															
Benzo(k)fluoranthene	328		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	328		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	328		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	328		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	328		ug/Kg	U	YES															
Butyl benzyl phthalate	328		ug/Kg	U	YES															
Chrysene	328		ug/Kg	U	YES															
Dibenz(a,h)anthracene	328		ug/Kg	U	YES															
Dibenzofuran	328		ug/Kg	U	YES															
Diethyl phthalate	328		ug/Kg	U	YES															
Dimethyl phthalate	328		ug/Kg	U	YES															
Di-n-butyl phthalate	328		ug/Kg	U	YES															
Di-n-octyl phthalate	328		ug/Kg	U	YES															
Fluoranthene	328		ug/Kg	U	YES															
Fluorene	328		ug/Kg	U	YES															
Hexachlorobenzene	328		ug/Kg	U	YES															
Hexachlorobutadiene	328		ug/Kg	U	YES															
Hexachlorocyclopentadiene	328		ug/Kg	U	YES															
Hexachloroethane	328		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	328		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5428

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915027

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Isophorone	328		ug/Kg	U	YES															
Naphthalene	328		ug/Kg	U	YES															
Nitrobenzene	328		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	328		ug/Kg	U	YES															
Pentachlorophenol	328		ug/Kg	U	YES	UJ				UJ										
Phenanthrene	328		ug/Kg	U	YES															
Phenol	328		ug/Kg	U	YES															
Pyrene	328		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5429

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915028

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C																				
Dilution: 1																				
Arsenic	1.29		mg/kg		YES															
Barium	58.4		mg/kg		YES															
Cadmium	0.592		mg/kg		YES	U			U											
Chromium	3.35		mg/kg		YES															
Lead	5.56		mg/kg		YES															
Selenium	1.91		mg/kg	U	YES															
Silver	0.955		mg/kg	U	YES															
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.00320		mg/kg	J	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	9.94		ug/Kg	U	YES															
4,4'-DDD	9.94		ug/Kg	U	YES															
4,4'-DDE	9.94		ug/Kg	U	YES															
4,4'-DDE	9.94		ug/Kg	U	YES															
4,4'-DDT	9.94		ug/Kg	U	YES															
4,4'-DDT	9.94		ug/Kg	U	YES															
Aldrin	9.94		ug/Kg	U	YES															
Aldrin	9.94		ug/Kg	U	YES															
alpha-BHC	9.94		ug/Kg	U	YES															
alpha-BHC	9.94		ug/Kg	U	YES															
alpha-Chlordane	9.94		ug/Kg	U	YES															
alpha-Chlordane	9.94		ug/Kg	U	YES															
beta-BHC	9.94		ug/Kg	U	YES															
beta-BHC	9.94		ug/Kg	U	YES															
Chlordane	33.1		ug/Kg	U	YES															
Chlordane	33.1		ug/Kg	U	YES															
delta-BHC	9.94		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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Report Date: 9/6/2011 10:37

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5430

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915028

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quat	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
delta-BHC	9.94		ug/Kg	U	YES															
Dieldrin	9.94		ug/Kg	U	YES															
Dieldrin	9.94		ug/Kg	U	YES															
Endosulfan I	9.94		ug/Kg	U	YES															
Endosulfan I	9.94		ug/Kg	U	YES															
Endosulfan II	9.94		ug/Kg	U	YES															
Endosulfan II	9.94		ug/Kg	U	YES															
Endosulfan sulfate	9.94		ug/Kg	U	YES															
Endosulfan sulfate	9.94		ug/Kg	U	YES															
Endrin	9.94		ug/Kg	U	YES															
Endrin	9.94		ug/Kg	U	YES															
Endrin aldehyde	9.94		ug/Kg	U	YES															
Endrin aldehyde	9.94		ug/Kg	U	YES															
Endrin ketone	9.94		ug/Kg	U	YES															
Endrin ketone	9.94		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.94		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.94		ug/Kg	U	YES															
gamma-Chlordane	9.94		ug/Kg	U	YES															
gamma-Chlordane	9.94		ug/Kg	U	YES															
Heptachlor	9.94		ug/Kg	U	YES															
Heptachlor	9.94		ug/Kg	U	YES															
Heptachlor epoxide	9.94		ug/Kg	U	YES															
Heptachlor epoxide	9.94		ug/Kg	U	YES															
Methoxychlor	9.94		ug/Kg	U	YES															
Methoxychlor	9.94		ug/Kg	U	YES															
Toxaphene	33.1		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5431

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915028

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
Toxaphene	33.1		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0169		mg/kg	U	YES															
2,4,5-T	0.0169		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0169		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0169		mg/kg	U	YES															
2,4-D	0.0169		mg/kg	U	YES															
2,4-D	0.0169		mg/kg	U	YES															
2,4-DB	0.0169		mg/kg	U	YES	UJ				UJ										
2,4-DB	0.0169		mg/kg	U	YES	UJ				UJ										
Dicamba	0.0169		mg/kg	U	YES															
Dicamba	0.0169		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.59		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.59		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.59		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.59		ug/Kg	U	YES															
1,1-Dichloroethane	4.59		ug/Kg	U	YES															
1,1-Dichloroethane	4.59		ug/Kg	U	YES															
1,1-Dichloropropene	4.59		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.59		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.59		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.59		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.59		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	27.5		ug/Kg	U	YES															
1,2-Dibromoethane	4.59		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.59		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5432

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915028

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist To/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dichloroethane	4.59		ug/Kg	U	YES															
1,2-Dichloropropane	4.59		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.59		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.59		ug/Kg	U	YES															
1,3-Dichloropropane	4.59		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.59		ug/Kg	U	YES															
2,2-Dichloropropane	4.59		ug/Kg	U	YES															
2-Butanone	23.0		ug/Kg	U	YES															
2-Chlorotoluene	4.59		ug/Kg	U	YES															
2-Hexanone	11.5		ug/Kg	U	YES															
4-Chlorotoluene	4.59		ug/Kg	U	YES															
4-Isopropyltoluene	4.59		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.5		ug/Kg	U	YES															
Acetone	16.2		ug/Kg	J	YES															
Benzene	4.59		ug/Kg	U	YES															
Bromobenzene	4.59		ug/Kg	U	YES															
Bromochloromethane	4.59		ug/Kg	U	YES															
Bromodichloromethane	4.59		ug/Kg	U	YES															
Bromofom	4.59		ug/Kg	U	YES															
Bromomethane	4.59		ug/Kg	U	YES															
Carbon disulfide	4.59		ug/Kg	U	YES															
Carbon tetrachloride	4.59		ug/Kg	U	YES															
Chlorobenzene	4.59		ug/Kg	U	YES															
Chloroethane	4.59		ug/Kg	U	YES															
Chloroform	4.59		ug/Kg	U	YES															
Chloromethane	4.59		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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Report Date: 9/8/2011 10:37

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5433

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915028

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.59		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.59		ug/Kg	U	YES															
Dibromochloromethane	4.59		ug/Kg	U	YES															
Dibromomethane	4.59		ug/Kg	U	YES															
Dichlorodifluoromethane	4.59		ug/Kg	U	YES															
Ethyl Benzene	4.59		ug/Kg	U	YES															
Hexachlorobutadiene	4.59		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.59		ug/Kg	U	YES															
m,p-Xylene	9.18		ug/Kg	U	YES															
Methyl iodide	4.59		ug/Kg	U	YES															
Methylene chloride	1.92		ug/Kg	J	YES															
Naphthalene	4.59		ug/Kg	U	YES															
n-Butylbenzene	4.59		ug/Kg	U	YES															
n-Propylbenzene	4.59		ug/Kg	U	YES															
o-Xylene	4.59		ug/Kg	U	YES															
sec-Butylbenzene	4.59		ug/Kg	U	YES															
Styrene	4.59		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.59		ug/Kg	U	YES															
tert-Butylbenzene	4.59		ug/Kg	U	YES															
Tetrachloroethene	4.59		ug/Kg	U	YES															
Toluene	4.59		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.59		ug/Kg	U	YES	UJ														
trans-1,3-Dichloropropene	4.59		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	23.0		ug/Kg	U	YES															
Trichloroethene	4.59		ug/Kg	U	YES															
Trichlorofluoromethane	4.59		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5434

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915028

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	
Analysis Method : 8260B				Dilution: 1																	
Vinyl chloride	4.59		ug/Kg	U	YES																
Analysis Method : 8270D				Dilution: 1																	
1,2,4-Trichlorobenzene	336		ug/Kg	U	YES																
1,2-Dichlorobenzene	336		ug/Kg	U	YES																
1,3-Dichlorobenzene	336		ug/Kg	U	YES																
1,4-Dichlorobenzene	336		ug/Kg	U	YES																
2,4,5-Trichlorophenol	336		ug/Kg	U	YES																
2,4,6-Trichlorophenol	336		ug/Kg	U	YES																
2,4-Dichlorophenol	336		ug/Kg	U	YES																
2,4-Dimethylphenol	336		ug/Kg	U	YES																
2,4-Dinitrotoluene	336		ug/Kg	U	YES																
2,6-Dinitrotoluene	336		ug/Kg	U	YES																
2-Chloronaphthalene	336		ug/Kg	U	YES																
2-Chlorophenol	336		ug/Kg	U	YES																
2-Methylnaphthalene	336		ug/Kg	U	YES																
2-Methylphenol	336		ug/Kg	U	YES																
2-Nitroaniline	336		ug/Kg	U	YES																
2-Nitrophenol	336		ug/Kg	U	YES																
3 and/or 4-Methylphenol	336		ug/Kg	U	YES																
3-Nitroaniline	336		ug/Kg	U	YES																
4-Bromophenyl phenyl ether	336		ug/Kg	U	YES																
4-Chloro-3-methylphenol	336		ug/Kg	U	YES																
4-Chloroaniline	336		ug/Kg	U	YES																
4-Chlorophenyl phenyl ether	336		ug/Kg	U	YES																
4-Nitroaniline	336		ug/Kg	U	YES																
4-Nitrophenol	336		ug/Kg	U	YES																
Acenaphthene	336		ug/Kg	U	YES																

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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Report Date: 9/6/2011 10:37

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5435

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915028

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Acenaphthylene	336		ug/Kg	U	YES															
Anthracene	336		ug/Kg	U	YES															
Benzo(a)anthracene	336		ug/Kg	U	YES															
Benzo(a)pyrene	336		ug/Kg	U	YES															
Benzo(b)fluoranthene	336		ug/Kg	U	YES															
Benzo(g,h,i)perylene	336		ug/Kg	U	YES															
Benzo(k)fluoranthene	336		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	336		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	336		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	336		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	336		ug/Kg	U	YES															
Butyl benzyl phthalate	336		ug/Kg	U	YES															
Chrysene	336		ug/Kg	U	YES															
Dibenz(a,h)anthracene	336		ug/Kg	U	YES															
Dibenzofuran	336		ug/Kg	U	YES															
Diethyl phthalate	336		ug/Kg	U	YES															
Dimethyl phthalate	336		ug/Kg	U	YES															
Di-n-butyl phthalate	336		ug/Kg	U	YES															
Di-n-octyl phthalate	336		ug/Kg	U	YES															
Fluoranthene	336		ug/Kg	U	YES															
Fluorene	336		ug/Kg	U	YES															
Hexachlorobenzene	336		ug/Kg	U	YES															
Hexachlorobutadiene	336		ug/Kg	U	YES															
Hexachlorocyclopentadiene	336		ug/Kg	U	YES															
Hexachloroethane	336		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	336		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5436

Sample Qualification Report (All Analytes)

Client Sample ID : E11-139-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915028

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist To/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Isophorone	336		ug/Kg	U	YES															
Naphthalene	336		ug/Kg	U	YES															
Nitrobenzene	336		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	336		ug/Kg	U	YES															
Pentachlorophenol	336		ug/Kg	U	YES	UJ				UJ										
Phenanthrene	336		ug/Kg	U	YES															
Phenol	336		ug/Kg	U	YES															
Pyrene	336		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5437

Sample Qualification Report (All Analytes)

Client Sample ID : E11-143-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915023

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field GC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C																				
Dilution: 1																				
Arsenic	1.66		mg/kg		YES															
Barium	64.9		mg/kg		YES	J					J									
Cadmium	0.657		mg/kg		YES	U			U											
Chromium	4.21		mg/kg		YES															
Lead	5.85		mg/kg		YES	J					J	J								
Selenium	2.10		mg/kg	U	YES															
Silver	1.05		mg/kg	U	YES															
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.00507		mg/kg	J	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	9.96		ug/Kg	U	YES															
4,4'-DDD	9.96		ug/Kg	U	YES															
4,4'-DDE	9.96		ug/Kg	U	YES															
4,4'-DDE	9.96		ug/Kg	U	YES															
4,4'-DDT	9.96		ug/Kg	U	YES															
4,4'-DDT	9.96		ug/Kg	U	YES															
Aldrin	9.96		ug/Kg	U	YES															
Aldrin	9.96		ug/Kg	U	YES															
alpha-BHC	9.96		ug/Kg	U	YES															
alpha-BHC	9.96		ug/Kg	U	YES															
alpha-Chlordane	9.96		ug/Kg	U	YES															
alpha-Chlordane	9.96		ug/Kg	U	YES															
beta-BHC	9.96		ug/Kg	U	YES															
beta-BHC	9.96		ug/Kg	U	YES															
Chlordane	33.2		ug/Kg	U	YES															
Chlordane	33.2		ug/Kg	U	YES															
delta-BHC	9.96		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5438

Sample Qualification Report (All Analytes)

Client Sample ID : E11-143-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915023

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
delta-BHC	9.96		ug/Kg	U	YES															
Dieldrin	9.96		ug/Kg	U	YES															
Dieldrin	9.96		ug/Kg	U	YES															
Endosulfan I	9.96		ug/Kg	U	YES															
Endosulfan I	9.96		ug/Kg	U	YES															
Endosulfan II	9.96		ug/Kg	U	YES															
Endosulfan II	9.96		ug/Kg	U	YES															
Endosulfan sulfate	9.96		ug/Kg	U	YES															
Endosulfan sulfate	9.96		ug/Kg	U	YES															
Endrin	9.96		ug/Kg	U	YES															
Endrin	9.96		ug/Kg	U	YES															
Endrin aldehyde	9.96		ug/Kg	U	YES															
Endrin aldehyde	9.96		ug/Kg	U	YES															
Endrin ketone	9.96		ug/Kg	U	YES															
Endrin ketone	9.96		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.96		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.96		ug/Kg	U	YES															
gamma-Chlordane	9.96		ug/Kg	U	YES															
gamma-Chlordane	9.96		ug/Kg	U	YES															
Heptachlor	9.96		ug/Kg	U	YES															
Heptachlor	9.96		ug/Kg	U	YES															
Heptachlor epoxide	9.96		ug/Kg	U	YES															
Heptachlor epoxide	9.96		ug/Kg	U	YES															
Methoxychlor	9.96		ug/Kg	U	YES															
Methoxychlor	9.96		ug/Kg	U	YES															
Toxaphene	33.2		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5439

Sample Qualification Report (All Analytes)

Client Sample ID : E11-143-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915023

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
Toxaphene	33.2		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0168		mg/kg	U	YES															
2,4,5-T	0.0168		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0168		mg/kg	U	YES	UJ					UJ									
2,4,5-TP (Silvex)	0.0168		mg/kg	U	YES	UJ					UJ									
2,4'-D	0.0168		mg/kg	U	YES	UJ					UJ									
2,4'-D	0.0168		mg/kg	U	YES	UJ					UJ									
2,4-DB	0.0168		mg/kg	U	YES						UJ									
2,4-DB	0.0168		mg/kg	U	YES						UJ									
Dicamba	0.0168		mg/kg	U	YES															
Dicamba	0.0168		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.43		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.43		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.43		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.43		ug/Kg	U	YES															
1,1-Dichloroethane	4.43		ug/Kg	U	YES															
1,1-Dichloroethene	4.43		ug/Kg	U	YES															
1,1-Dichloropropane	4.43		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.43		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.43		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.43		ug/Kg	U	YES	UJ					UJ									
1,2,4-Trimethylbenzene	4.43		ug/Kg	U	YES	UJ					UJ									
1,2-Dibromo-3-chloropropane	26.6		ug/Kg	U	YES															
1,2-Dibromoethane	4.43		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.43		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5440

Sample Qualification Report (All Analytes)

Client Sample ID : E11-143-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915023

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dichloroethane	4.43		ug/Kg	U	YES															
1,2-Dichloropropane	4.43		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.43		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.43		ug/Kg	U	YES															
1,3-Dichloropropane	4.43		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.43		ug/Kg	U	YES															
2,2-Dichloropropane	4.43		ug/Kg	U	YES															
2-Butanone	3.57		ug/Kg	J	YES	J					J		J							
2-Chlorotoluene	4.43		ug/Kg	U	YES															
2-Hexanone	11.1		ug/Kg	U	YES															
4-Chlorotoluene	4.43		ug/Kg	U	YES															
4-Isopropyltoluene	4.43		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.1		ug/Kg	J	YES															
Acetone	13.1		ug/Kg	J	YES	J				J	J		J							
Benzene	4.43		ug/Kg	U	YES															
Bromobenzene	4.43		ug/Kg	U	YES															
Bromochloromethane	4.43		ug/Kg	U	YES															
Bromodichloromethane	4.43		ug/Kg	U	YES															
Bromoform	4.43		ug/Kg	U	YES															
Bromomethane	4.43		ug/Kg	U	YES															
Carbon disulfide	4.43		ug/Kg	U	YES															
Carbon tetrachloride	4.43		ug/Kg	U	YES															
Chlorobenzene	4.43		ug/Kg	U	YES															
Chloroethane	4.43		ug/Kg	U	YES															
Chloroform	4.43		ug/Kg	U	YES															
Chloromethane	4.43		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5441

Sample Qualification Report (All Analytes)

Client Sample ID : E11-143-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915023

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.43		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.43		ug/Kg	U	YES															
Dibromochloromethane	4.43		ug/Kg	U	YES															
Dibromomethane	4.43		ug/Kg	U	YES															
Dichlorodifluoromethane	4.43		ug/Kg	U	YES															
Ethyl Benzene	4.43		ug/Kg	U	YES															
Hexachlorobutadiene	4.43		ug/Kg	U	YES	UJ					UJ									
Isopropylbenzene (Cumene)	4.43		ug/Kg	U	YES															
m,p-Xylene	8.85		ug/Kg	U	YES															
Methyl iodide	4.43		ug/Kg	U	YES															
Methylene chloride	1.76		ug/Kg	J	YES	UJ			U				J							
Naphthalene	4.43		ug/Kg	U	YES	UJ					UJ									
n-Butylbenzene	4.43		ug/Kg	U	YES	UJ					UJ									
n-Propylbenzene	4.43		ug/Kg	U	YES															
o-Xylene	4.43		ug/Kg	U	YES															
sec-Butylbenzene	4.43		ug/Kg	U	YES															
Styrene	4.43		ug/Kg	U	YES	UJ					UJ									
tert-Butyl methyl ether (MTBE)	4.43		ug/Kg	U	YES															
tert-Butylbenzene	4.43		ug/Kg	U	YES															
Tetrachloroethene	4.43		ug/Kg	U	YES															
Toluene	0.717		ug/Kg	J	YES	J							J							
trans-1,2-Dichloroethene	4.43		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.43		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	22.1		ug/Kg	U	YES															
Trichloroethene	4.43		ug/Kg	U	YES															
Trichlorofluoromethane	4.43		ug/Kg	U	YES	UJ					UJ									

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5442

Sample Qualification Report (All Analytes)

Client Sample ID : E11-143-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915023

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
Vinyl chloride	4.43		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	339		ug/Kg	U	YES															
1,2-Dichlorobenzene	339		ug/Kg	U	YES															
1,3-Dichlorobenzene	339		ug/Kg	U	YES															
1,4-Dichlorobenzene	339		ug/Kg	U	YES															
2,4,5-Trichlorophenol	339		ug/Kg	U	YES															
2,4,6-Trichlorophenol	339		ug/Kg	U	YES															
2,4-Dichlorophenol	339		ug/Kg	U	YES															
2,4-Dimethylphenol	339		ug/Kg	U	YES															
2,4-Dinitrotoluene	339		ug/Kg	U	YES															
2,6-Dinitrotoluene	339		ug/Kg	U	YES															
2-Chloronaphthalene	339		ug/Kg	U	YES															
2-Chlorophenol	339		ug/Kg	U	YES															
2-Methylnaphthalene	339		ug/Kg	U	YES															
2-Methylphenol	339		ug/Kg	U	YES															
2-Nitroaniline	339		ug/Kg	U	YES															
2-Nitrophenol	339		ug/Kg	U	YES															
3 and/or 4-Methylphenol	339		ug/Kg	U	YES															
3-Nitroaniline	339		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	339		ug/Kg	U	YES															
4-Chloro-3-methylphenol	339		ug/Kg	U	YES															
4-Chloroaniline	339		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	339		ug/Kg	U	YES															
4-Nitroaniline	339		ug/Kg	U	YES															
4-Nitrophenol	339		ug/Kg	U	YES															
Acenaphthene	339		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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Report Date: 9/6/2011 10:38

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5443

Sample Qualification Report (All Analytes)

Client Sample ID : E11-143-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915023

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist TotDis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Acenaphthylene	339		ug/Kg	U	YES															
Anthracene	339		ug/Kg	U	YES															
Benzo(a)anthracene	339		ug/Kg	U	YES															
Benzo(a)pyrene	339		ug/Kg	U	YES															
Benzo(b)fluoranthene	339		ug/Kg	U	YES															
Benzo(g,h)perylene	339		ug/Kg	U	YES															
Benzo(k)fluoranthene	339		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	339		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	339		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	339		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	162		ug/Kg	J	YES															
Butyl benzyl phthalate	339		ug/Kg	U	YES															
Chrysene	339		ug/Kg	U	YES															
Dibenz(a,h)anthracene	339		ug/Kg	U	YES															
Dibenzofuran	339		ug/Kg	U	YES															
Diethyl phthalate	339		ug/Kg	U	YES															
Dimethyl phthalate	339		ug/Kg	U	YES															
Di-n-butyl phthalate	339		ug/Kg	U	YES															
Di-n-octyl phthalate	339		ug/Kg	U	YES															
Fluoranthene	339		ug/Kg	U	YES															
Fluorene	339		ug/Kg	U	YES															
Hexachlorobenzene	339		ug/Kg	U	YES															
Hexachlorobutadiene	339		ug/Kg	U	YES															
Hexachlorocyclopentadiene	339		ug/Kg	U	YES															
Hexachloroethane	339		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	339		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5444

Sample Qualification Report (All Analytes)

Client Sample ID : E11-143-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915023

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Isophorone	339		ug/Kg	U	YES															
Naphthalene	339		ug/Kg	U	YES															
Nitrobenzene	339		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	339		ug/Kg	U	YES															
Pentachlorophenol	339		ug/Kg	U	YES	UJ				UJ										
Phenanthrene	339		ug/Kg	U	YES															
Phenol	339		ug/Kg	U	YES															
Pyrene	339		ug/Kg	U	YES															

5445

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S1
 Sample Date : 07/18/2011
 Lab Sample ID : 31101915024

Lab Report Batch : 31101915
 Analysis Type : RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dts	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C																				
Dilution: 1																				
Arsenic	3.81		mg/kg		YES															
Barium	75.6		mg/kg		YES	J					J									
Cadmium	0.869		mg/kg		YES	U			U											
Chromium	3.79		mg/kg		YES															
Lead	8.57		mg/kg		YES	J					J	J								
Selenium	2.21		mg/kg	U	YES															
Silver	1.11		mg/kg	U	YES															
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.00655		mg/kg	J	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	1.82		ug/Kg	J	YES															
4,4'-DDD	1.82		ug/Kg	J	YES															
4,4'-DDE	1.53		ug/Kg	J	YES															
4,4'-DDE	1.53		ug/Kg	J	YES															
4,4'-DDT	4.61		ug/Kg	J	YES															
4,4'-DDT	4.61		ug/Kg	J	YES															
Aldrin	10.1		ug/Kg	U	YES															
Aldrin	10.1		ug/Kg	U	YES															
alpha-BHC	10.1		ug/Kg	U	YES															
alpha-BHC	10.1		ug/Kg	U	YES															
alpha-Chlordane	10.1		ug/Kg	U	YES															
alpha-Chlordane	10.1		ug/Kg	U	YES															
beta-BHC	10.1		ug/Kg	U	YES															
beta-BHC	10.1		ug/Kg	U	YES															
Chlordane	33.7		ug/Kg	U	YES															
Chlordane	33.7		ug/Kg	U	YES															
delta-BHC	10.1		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5446

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915024

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
delta-BHC	10.1		ug/Kg	U	YES															
Dieldrin	10.1		ug/Kg	U	YES															
Dieldrin	10.1		ug/Kg	U	YES															
Endosulfan I	10.1		ug/Kg	U	YES															
Endosulfan I	10.1		ug/Kg	U	YES															
Endosulfan II	10.1		ug/Kg	U	YES															
Endosulfan II	10.1		ug/Kg	U	YES															
Endosulfan sulfate	10.1		ug/Kg	U	YES															
Endosulfan sulfate	10.1		ug/Kg	U	YES															
Endrin	10.1		ug/Kg	U	YES															
Endrin	10.1		ug/Kg	U	YES															
Endrin aldehyde	10.1		ug/Kg	U	YES															
Endrin aldehyde	10.1		ug/Kg	U	YES															
Endrin ketone	10.1		ug/Kg	U	YES															
Endrin ketone	10.1		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.1		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.1		ug/Kg	U	YES															
gamma-Chlordane	10.1		ug/Kg	U	YES															
gamma-Chlordane	10.1		ug/Kg	U	YES															
Heptachlor	10.1		ug/Kg	U	YES															
Heptachlor	10.1		ug/Kg	U	YES															
Heptachlor epoxide	10.1		ug/Kg	U	YES															
Heptachlor epoxide	10.1		ug/Kg	U	YES															
Methoxychlor	10.1		ug/Kg	U	YES															
Methoxychlor	10.1		ug/Kg	U	YES															
Toxaphene	33.7		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 10:38

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5447

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915024

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
Toxaphene	33.7		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0170		mg/kg	U	YES	UJ														
2,4,5-T	0.0170		mg/kg	U	YES	UJ														
2,4,5-TP (Silvex)	0.0170		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0170		mg/kg	U	YES															
2,4'-D	0.0170		mg/kg	U	YES	UJ														
2,4'-D	0.0170		mg/kg	U	YES	UJ														
2,4-DB	0.0170		mg/kg	U	YES	UJ														
2,4-DB	0.0170		mg/kg	U	YES	UJ														
Dicamba	0.0170		mg/kg	U	YES	UJ														
Dicamba	0.0170		mg/kg	U	YES	UJ														
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.61		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.61		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.61		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.61		ug/Kg	U	YES															
1,1-Dichloroethane	4.61		ug/Kg	U	YES															
1,1-Dichloroethene	4.61		ug/Kg	U	YES															
1,1-Dichloropropene	4.61		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.61		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.61		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.61		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.61		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	27.7		ug/Kg	U	YES															
1,2-Dibromoethane	4.61		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.61		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5448

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915024

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dichloroethane	4.61		ug/Kg	U	YES															
1,2-Dichloropropane	4.61		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.61		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.61		ug/Kg	U	YES															
1,3-Dichloropropane	4.61		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.61		ug/Kg	U	YES															
2,2-Dichloropropane	4.61		ug/Kg	U	YES															
2-Butanone	13.7		ug/Kg	J	YES															
2-Chlorotoluene	4.61		ug/Kg	U	YES															
2-Hexanone	11.5		ug/Kg	U	YES															
4-Chlorotoluene	4.61		ug/Kg	U	YES															
4-Isopropyltoluene	4.61		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.5		ug/Kg	U	YES															
Acetone	47.0		ug/Kg	U	YES															
Benzene	4.61		ug/Kg	U	YES															
Bromobenzene	4.61		ug/Kg	U	YES															
Bromochloromethane	4.61		ug/Kg	U	YES															
Bromodichloromethane	4.61		ug/Kg	U	YES															
Bromoform	4.61		ug/Kg	U	YES															
Bromomethane	4.61		ug/Kg	U	YES															
Carbon disulfide	4.61		ug/Kg	U	YES															
Carbon tetrachloride	4.61		ug/Kg	U	YES															
Chlorobenzene	4.61		ug/Kg	U	YES															
Chloroethane	4.61		ug/Kg	U	YES															
Chloroform	4.61		ug/Kg	U	YES															
Chloromethane	4.61		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5449

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915024

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.61		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.61		ug/Kg	U	YES															
Dibromochloromethane	4.61		ug/Kg	U	YES															
Dibromomethane	4.61		ug/Kg	U	YES															
Dichlorodifluoromethane	4.61		ug/Kg	U	YES															
Ethyl Benzene	4.61		ug/Kg	U	YES															
Hexachlorobutadiene	4.61		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.61		ug/Kg	U	YES															
m,p-Xylene	9.23		ug/Kg	U	YES															
Methyl iodide	2.05		ug/Kg	J	YES															
Methylene chloride	1.85		ug/Kg	J	YES															
Naphthalene	4.61		ug/Kg	U	YES															
n-Butylbenzene	4.61		ug/Kg	U	YES															
n-Propylbenzene	4.61		ug/Kg	U	YES															
o-Xylene	4.61		ug/Kg	U	YES															
sec-Butylbenzene	4.61		ug/Kg	U	YES															
Styrene	4.61		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.61		ug/Kg	U	YES															
tert-Butylbenzene	4.61		ug/Kg	U	YES															
Tetrachloroethene	4.61		ug/Kg	U	YES															
Toluene	4.61		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.61		ug/Kg	U	YES	UJ														
trans-1,3-Dichloropropene	4.61		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	23.1		ug/Kg	U	YES															
Trichloroethene	4.61		ug/Kg	U	YES															
Trichlorofluoromethane	4.61		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5450

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915024

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B		Dilution: 1																		
Vinyl chloride	4.61		ug/Kg	U	YES															
Analysis Method : 8270D		Dilution: 1																		
1,2,4-Trichlorobenzene	334		ug/Kg	U	YES															
1,2-Dichlorobenzene	334		ug/Kg	U	YES															
1,3-Dichlorobenzene	334		ug/Kg	U	YES															
1,4-Dichlorobenzene	334		ug/Kg	U	YES															
2,4,5-Trichlorophenol	334		ug/Kg	U	YES															
2,4,6-Trichlorophenol	334		ug/Kg	U	YES															
2,4-Dichlorophenol	334		ug/Kg	U	YES															
2,4-Dimethylphenol	334		ug/Kg	U	YES															
2,4-Dinitrotoluene	334		ug/Kg	U	YES															
2,6-Dinitrotoluene	334		ug/Kg	U	YES															
2-Chloronaphthalene	334		ug/Kg	U	YES															
2-Chlorophenol	334		ug/Kg	U	YES															
2-Methylnaphthalene	334		ug/Kg	U	YES															
2-Methylphenol	334		ug/Kg	U	YES															
2-Nitroaniline	334		ug/Kg	U	YES															
2-Nitrophenol	334		ug/Kg	U	YES															
3 and/or 4-Methylphenol	334		ug/Kg	U	YES															
3-Nitroaniline	334		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	334		ug/Kg	U	YES															
4-Chloro-3-methylphenol	334		ug/Kg	U	YES															
4-Chloroaniline	334		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	334		ug/Kg	U	YES															
4-Nitroaniline	334		ug/Kg	U	YES															
4-Nitrophenol	334		ug/Kg	U	YES															
Acenaphthene	334		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5451

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915024

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Acenaphthylene	334		ug/Kg	U	YES															
Anthracene	334		ug/Kg	U	YES															
Benzo(a)anthracene	334		ug/Kg	U	YES															
Benzo(a)pyrene	334		ug/Kg	U	YES															
Benzo(b)fluoranthene	334		ug/Kg	U	YES															
Benzo(g,h,i)perylene	334		ug/Kg	U	YES															
Benzo(k)fluoranthene	334		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	334		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	334		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	334		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	334		ug/Kg	U	YES															
Butyl benzyl phthalate	334		ug/Kg	U	YES															
Chrysene	334		ug/Kg	U	YES															
Dibenz(a,h)anthracene	334		ug/Kg	U	YES															
Dibenzofuran	334		ug/Kg	U	YES															
Diethyl phthalate	334		ug/Kg	U	YES															
Dimethyl phthalate	334		ug/Kg	U	YES															
Di-n-butyl phthalate	334		ug/Kg	U	YES															
Di-n-octyl phthalate	334		ug/Kg	U	YES															
Fluoranthene	334		ug/Kg	U	YES															
Fluorene	334		ug/Kg	U	YES															
Hexachlorobenzene	334		ug/Kg	U	YES															
Hexachlorobutadiene	334		ug/Kg	U	YES															
Hexachlorocyclopentadiene	334		ug/Kg	U	YES															
Hexachloroethane	334		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	334		ug/Kg	U	YES															

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5452

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915024

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist ToUDis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Isophorone	334		ug/Kg	U	YES															
Naphthalene	334		ug/Kg	U	YES															
Nitrobenzene	334		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	334		ug/Kg	U	YES															
Pentachlorophenol	334		ug/Kg	U	YES	UJ				UJ										
Phenanthrene	334		ug/Kg	U	YES															
Phenol	334		ug/Kg	U	YES															
Pyrene	334		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5453

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915025

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C																				
Dilution: 1																				
Arsenic	1.22		mg/kg		YES															
Barium	73.0		mg/kg		YES	J					J									
Cadmium	0.652		mg/kg		YES	U			U											
Chromium	2.31		mg/kg		YES	U			U											
Lead	7.82		mg/kg		YES	J					J	J								
Selenium	1.95		mg/kg	U	YES															
Silver	0.976		mg/kg	U	YES															
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.00486		mg/kg	J	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	9.57		ug/Kg	U	YES															
4,4'-DDD	9.57		ug/Kg	U	YES															
4,4'-DDE	9.57		ug/Kg	U	YES															
4,4'-DDE	9.57		ug/Kg	U	YES															
4,4'-DDT	9.57		ug/Kg	U	YES															
4,4'-DDT	9.57		ug/Kg	U	YES															
Aldrin	9.57		ug/Kg	U	YES															
Aldrin	9.57		ug/Kg	U	YES															
alpha-BHC	9.57		ug/Kg	U	YES															
alpha-BHC	9.57		ug/Kg	U	YES															
alpha-Chlordane	9.57		ug/Kg	U	YES															
alpha-Chlordane	9.57		ug/Kg	U	YES															
beta-BHC	9.57		ug/Kg	U	YES															
beta-BHC	9.57		ug/Kg	U	YES															
Chlordane	31.9		ug/Kg	U	YES															
Chlordane	31.9		ug/Kg	U	YES															
delta-BHC	9.57		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5454

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S2

Lab Report Batch : 31101915

Lab ID : SGSW

Sample Date : 07/18/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101915025

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
delta-BHC	9.57		ug/Kg	U	YES															
Dieldrin	9.57		ug/Kg	U	YES															
Dieldrin	9.57		ug/Kg	U	YES															
Endosulfan I	9.57		ug/Kg	U	YES															
Endosulfan I	9.57		ug/Kg	U	YES															
Endosulfan II	9.57		ug/Kg	U	YES															
Endosulfan II	9.57		ug/Kg	U	YES															
Endosulfan sulfate	9.57		ug/Kg	U	YES															
Endosulfan sulfate	9.57		ug/Kg	U	YES															
Endrin	9.57		ug/Kg	U	YES															
Endrin	9.57		ug/Kg	U	YES															
Endrin aldehyde	9.57		ug/Kg	U	YES															
Endrin aldehyde	9.57		ug/Kg	U	YES															
Endrin ketone	9.57		ug/Kg	U	YES															
Endrin ketone	9.57		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.57		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.57		ug/Kg	U	YES															
gamma-Chlordane	9.57		ug/Kg	U	YES															
gamma-Chlordane	9.57		ug/Kg	U	YES															
Heptachlor	9.57		ug/Kg	U	YES															
Heptachlor	9.57		ug/Kg	U	YES															
Heptachlor epoxide	9.57		ug/Kg	U	YES															
Heptachlor epoxide	9.57		ug/Kg	U	YES															
Methoxychlor	9.57		ug/Kg	U	YES															
Methoxychlor	9.57		ug/Kg	U	YES															
Toxaphene	31.9		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 10:38

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5455

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915025

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
Toxaphene	31.9		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0168		mg/kg	U	YES	UJ				UJ										
2,4,5-T	0.0168		mg/kg	U	YES	UJ				UJ										
2,4,5-TP (Silvex)	0.0168		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0168		mg/kg	U	YES															
2,4'-D	0.0168		mg/kg	U	YES	UJ				UJ										
2,4'-D	0.0168		mg/kg	U	YES	UJ				UJ										
2,4-DB	0.0168		mg/kg	U	YES	UJ				UJ										
2,4-DB	0.0168		mg/kg	U	YES	UJ				UJ										
Dicamba	0.0168		mg/kg	U	YES	UJ				UJ										
Dicamba	0.0168		mg/kg	U	YES	UJ				UJ										
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.42		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.42		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.42		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.42		ug/Kg	U	YES															
1,1-Dichloroethane	4.42		ug/Kg	U	YES															
1,1-Dichloroethene	4.42		ug/Kg	U	YES															
1,1-Dichloropropane	4.42		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.42		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.42		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.42		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.42		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	26.5		ug/Kg	U	YES															
1,2-Dibromoethane	4.42		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.42		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5456

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915025

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dls	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dichloroethane	4.42		ug/Kg	U	YES															
1,2-Dichloropropane	4.42		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.42		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.42		ug/Kg	U	YES															
1,3-Dichloropropane	4.42		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.42		ug/Kg	U	YES															
2,2-Dichloropropane	4.42		ug/Kg	U	YES															
2-Butanone	22.1		ug/Kg	U	YES															
2-Chlorotoluene	4.42		ug/Kg	U	YES															
2-Hexanone	11.0		ug/Kg	U	YES															
4-Chlorotoluene	4.42		ug/Kg	U	YES															
4-Isopropyltoluene	4.42		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.0		ug/Kg	U	YES															
Acetone	44.2		ug/Kg	U	YES															
Benzene	4.42		ug/Kg	U	YES															
Bromobenzene	4.42		ug/Kg	U	YES															
Bromochloromethane	4.42		ug/Kg	U	YES															
Bromodichloromethane	4.42		ug/Kg	U	YES															
Bromoform	4.42		ug/Kg	U	YES															
Bromomethane	4.42		ug/Kg	U	YES															
Carbon disulfide	4.42		ug/Kg	U	YES															
Carbon tetrachloride	4.42		ug/Kg	U	YES															
Chlorobenzene	4.42		ug/Kg	U	YES															
Chloroethane	4.42		ug/Kg	U	YES															
Chloroform	4.42		ug/Kg	U	YES															
Chloromethane	4.42		ug/Kg	U	YES															

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5457

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915025

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.42		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.42		ug/Kg	U	YES															
Dibromochloromethane	4.42		ug/Kg	U	YES															
Dibromomethane	4.42		ug/Kg	U	YES															
Dichlorodifluoromethane	4.42		ug/Kg	U	YES															
Ethyl Benzene	4.42		ug/Kg	U	YES															
Hexachlorobutadiene	4.42		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.42		ug/Kg	U	YES															
m,p-Xylene	8.84		ug/Kg	U	YES															
Methyl iodide	4.42		ug/Kg	U	YES															
Methylene chloride	2.14		ug/Kg	J	YES															
Naphthalene	4.42		ug/Kg	U	YES															
n-Butylbenzene	4.42		ug/Kg	U	YES															
n-Propylbenzene	4.42		ug/Kg	U	YES															
o-Xylene	4.42		ug/Kg	U	YES															
sec-Butylbenzene	4.42		ug/Kg	U	YES															
Styrene	4.42		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.42		ug/Kg	U	YES															
tert-Butylbenzene	4.42		ug/Kg	U	YES															
Tetrachloroethene	4.42		ug/Kg	U	YES															
Toluene	1.85		ug/Kg	J	YES															
trans-1,2-Dichloroethene	4.42		ug/Kg	U	YES	UJ														
trans-1,3-Dichloropropene	4.42		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	22.1		ug/Kg	U	YES															
Trichloroethene	4.42		ug/Kg	U	YES															
Trichlorofluoromethane	4.42		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5458

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S2

Lab Report Batch : 31101915

Lab ID : SGSW

Sample Date : 07/18/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101915025

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						Dilution: 1														
Vinyl chloride	4.42		ug/Kg	U	YES															
Analysis Method : 8270D						Dilution: 1														
1,2,4-Trichlorobenzene	332		ug/Kg	U	YES															
1,2-Dichlorobenzene	332		ug/Kg	U	YES															
1,3-Dichlorobenzene	332		ug/Kg	U	YES															
1,4-Dichlorobenzene	332		ug/Kg	U	YES															
2,4,5-Trichlorophenol	332		ug/Kg	U	YES															
2,4,6-Trichlorophenol	332		ug/Kg	U	YES															
2,4-Dichlorophenol	332		ug/Kg	U	YES															
2,4-Dimethylphenol	332		ug/Kg	U	YES															
2,4-Dinitrotoluene	332		ug/Kg	U	YES															
2,6-Dinitrotoluene	332		ug/Kg	U	YES															
2-Chloronaphthalene	332		ug/Kg	U	YES															
2-Chlorophenol	332		ug/Kg	U	YES															
2-Methylnaphthalene	332		ug/Kg	U	YES															
2-Methylphenol	332		ug/Kg	U	YES															
2-Nitroaniline	332		ug/Kg	U	YES															
2-Nitrophenol	332		ug/Kg	U	YES															
3 and/or 4-Methylphenol	332		ug/Kg	U	YES															
3-Nitroaniline	332		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	332		ug/Kg	U	YES															
4-Chloro-3-methylphenol	332		ug/Kg	U	YES															
4-Chloroaniline	332		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	332		ug/Kg	U	YES															
4-Nitroaniline	332		ug/Kg	U	YES															
4-Nitrophenol	332		ug/Kg	U	YES															
Acenaphthene	332		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5459

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S2

Lab Report Batch : 31101915

Lab ID : SGSW

Sample Date : 07/18/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101915025

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Acenaphthylene	332		ug/Kg	U	YES															
Anthracene	332		ug/Kg	U	YES															
Benzo(a)anthracene	332		ug/Kg	U	YES															
Benzo(a)pyrene	332		ug/Kg	U	YES															
Benzo(b)fluoranthene	332		ug/Kg	U	YES															
Benzo(g,h,i)perylene	332		ug/Kg	U	YES															
Benzo(k)fluoranthene	332		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	332		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	332		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	332		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	332		ug/Kg	U	YES															
Butyl benzyl phthalate	332		ug/Kg	U	YES															
Chrysene	332		ug/Kg	U	YES															
Dibenz(a,h)anthracene	332		ug/Kg	U	YES															
Dibenzofuran	332		ug/Kg	U	YES															
Diethyl phthalate	332		ug/Kg	U	YES															
Dimethyl phthalate	332		ug/Kg	U	YES															
Di-n-butyl phthalate	332		ug/Kg	U	YES															
Di-n-octyl phthalate	332		ug/Kg	U	YES															
Fluoranthene	332		ug/Kg	U	YES															
Fluorene	332		ug/Kg	U	YES															
Hexachlorobenzene	332		ug/Kg	U	YES															
Hexachlorobutadiene	332		ug/Kg	U	YES															
Hexachlorocyclopentadiene	332		ug/Kg	U	YES															
Hexachloroethane	332		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	332		ug/Kg	U	YES															

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5460

Sample Qualification Report (All Analytes)

Client Sample ID : E11-144-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915025

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date : _____

Approved By / Date : _____

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D			Dilution: 1																	
Isophorone	332		ug/Kg	U	YES															
Naphthalene	332		ug/Kg	U	YES															
Nitrobenzene	332		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	332		ug/Kg	U	YES															
Pentachlorophenol	332		ug/Kg	U	YES	UJ					UJ									
Phenanthrene	332		ug/Kg	U	YES															
Phenol	332		ug/Kg	U	YES															
Pyrene	332		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

54 61

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915002

Lab Report Batch : 31101915
 Analysis Type: DL

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 6																				
4,4'-DDD	12.8		ug/Kg	J	YES															
4,4'-DDD	12.8		ug/Kg	J	YES															
4,4'-DDE	23.4		ug/Kg	J	YES															
4,4'-DDE	23.4		ug/Kg	J	YES															
4,4'-DDT	114		ug/Kg		YES															
4,4'-DDT	114		ug/Kg		YES															
Aldrin	49.0		ug/Kg	U	YES															
Aldrin	49.0		ug/Kg	U	YES															
alpha-BHC	49.0		ug/Kg	U	YES															
alpha-BHC	49.0		ug/Kg	U	YES															
alpha-Chlordane	49.0		ug/Kg	U	YES															
alpha-Chlordane	49.0		ug/Kg	U	YES															
beta-BHC	49.0		ug/Kg	U	YES															
beta-BHC	49.0		ug/Kg	U	YES															
Chlordane	163		ug/Kg	U	YES															
Chlordane	163		ug/Kg	U	YES															
delta-BHC	49.0		ug/Kg	U	YES															
delta-BHC	49.0		ug/Kg	U	YES															
Dieldrin	49.0		ug/Kg	U	YES															
Dieldrin	49.0		ug/Kg	U	YES															
Endosulfan I	49.0		ug/Kg	U	YES															
Endosulfan I	49.0		ug/Kg	U	YES															
Endosulfan II	49.0		ug/Kg	U	YES															
Endosulfan II	49.0		ug/Kg	U	YES															
Endosulfan sulfate	49.0		ug/Kg	U	YES															
Endosulfan sulfate	49.0		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5462

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915002

Lab Report Batch : 31101915
 Analysis Type: DL

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 5																				
Endrin	49.0		ug/Kg	U	YES															
Endrin	49.0		ug/Kg	U	YES															
Endrin aldehyde	49.0		ug/Kg	U	YES															
Endrin aldehyde	49.0		ug/Kg	U	YES															
Endrin ketone	49.0		ug/Kg	U	YES															
Endrin ketone	49.0		ug/Kg	U	YES															
gamma-BHC (Lindane)	49.0		ug/Kg	U	YES															
gamma-BHC (Lindane)	49.0		ug/Kg	U	YES															
gamma-Chlordane	49.0		ug/Kg	U	YES															
gamma-Chlordane	49.0		ug/Kg	U	YES															
Heptachlor	49.0		ug/Kg	U	YES															
Heptachlor	49.0		ug/Kg	U	YES															
Heptachlor epoxide	49.0		ug/Kg	U	YES															
Heptachlor epoxide	49.0		ug/Kg	U	YES															
Methoxychlor	49.0		ug/Kg	U	YES															
Methoxychlor	49.0		ug/Kg	U	YES															
Toxaphene	163		ug/Kg	U	YES															
Toxaphene	163		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5463

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915002

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Quat*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C			Dilution: 1																	
Arsenic	7.33		mg/kg		YES															
Barium	101		mg/kg		YES	J						J								
Cadmium	1.33		mg/kg		YES															
Chromium	3.61		mg/kg		YES	U						U								
Lead	24.7		mg/kg		YES	J						J	J							
Selenium	2.07		mg/kg	U	YES															
Silver	1.04		mg/kg	U	YES															
Analysis Method : 7471B			Dilution: 1																	
Mercury	0.00180		mg/kg	J	YES															
Analysis Method : 8151			Dilution: 1																	
2,4,5-T	0.0169		mg/kg	U	YES															
2,4,5-T	0.0169		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0169		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0169		mg/kg	U	YES															
2,4-D	0.0169		mg/kg	U	YES															
2,4-D	0.0169		mg/kg	U	YES															
2,4-DB	0.0169		mg/kg	U	YES	UJ														
2,4-DB	0.0169		mg/kg	U	YES	UJ														
Dicamba	0.0169		mg/kg	U	YES															
Dicamba	0.0169		mg/kg	U	YES															
Analysis Method : 8260B			Dilution: 1																	
1,1,1,2-Tetrachloroethane	4.20		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.20		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.20		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.20		ug/Kg	U	YES															
1,1-Dichloroethane	4.20		ug/Kg	U	YES															
1,1-Dichloroethane	4.20		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5464

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915002

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dls	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,1-Dichloropropene	4.20		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.20		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.20		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.20		ug/Kg	U	YES	UJ					UJ									
1,2,4-Trimethylbenzene	4.20		ug/Kg	U	YES	UJ					UJ									
1,2-Dibromo-3-chloropropane	25.2		ug/Kg	U	YES															
1,2-Dibromoethane	4.20		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.20		ug/Kg	U	YES															
1,2-Dichloroethane	4.20		ug/Kg	U	YES															
1,2-Dichloropropane	4.20		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.20		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.20		ug/Kg	U	YES															
1,3-Dichloropropane	4.20		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.20		ug/Kg	U	YES															
2,2-Dichloropropane	4.20		ug/Kg	U	YES															
2-Butanone	6.26		ug/Kg	J	YES	J					J		J							
2-Chlorotoluene	4.20		ug/Kg	U	YES															
2-Hexanone	10.5		ug/Kg	U	YES															
4-Chlorotoluene	4.20		ug/Kg	U	YES															
4-Isopropyltoluene	4.20		ug/Kg	U	YES															
4-Methyl-2-pentanone	10.5		ug/Kg	U	YES															
Acetone	20.4		ug/Kg	J	YES	J					J	J	J							
Benzene	4.20		ug/Kg	U	YES															
Bromobenzene	4.20		ug/Kg	U	YES															
Bromochloromethane	4.20		ug/Kg	U	YES															
Bromodichloromethane	4.20		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5465

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915002

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
Bromoform	4.20		ug/Kg	U	YES															
Bromomethane	4.20		ug/Kg	U	YES															
Carbon disulfide	4.20		ug/Kg	U	YES															
Carbon tetrachloride	4.20		ug/Kg	U	YES															
Chlorobenzene	4.20		ug/Kg	U	YES															
Chloroethane	4.20		ug/Kg	U	YES															
Chloroform	4.20		ug/Kg	U	YES															
Chloromethane	4.20		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.20		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.20		ug/Kg	U	YES															
Dibromochloromethane	4.20		ug/Kg	U	YES															
Dibromomethane	4.20		ug/Kg	U	YES															
Dichlorodifluoromethane	4.20		ug/Kg	U	YES															
Ethyl Benzene	4.20		ug/Kg	U	YES															
Hexachlorobutadiene	4.20		ug/Kg	U	YES	UJ					UJ									
Isopropylbenzene (Cumene)	4.20		ug/Kg	U	YES															
m,p-Xylene	8.39		ug/Kg	U	YES															
Methyl iodide	1.10		ug/Kg	J	YES	J								J						
Methylene chloride	1.91		ug/Kg	J	YES	UJ			U					J						
Naphthalene	4.20		ug/Kg	U	YES	UJ					UJ									
n-Butylbenzene	4.20		ug/Kg	U	YES	UJ					UJ									
n-Propylbenzene	4.20		ug/Kg	U	YES															
o-Xylene	4.20		ug/Kg	U	YES															
sec-Butylbenzene	4.20		ug/Kg	U	YES															
Styrene	4.20		ug/Kg	U	YES	UJ					UJ									
tert-Butyl methyl ether (MTBE)	4.20		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5466

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915002

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Quat	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
tert-Butylbenzene	4.20		ug/Kg	U	YES															
Tetrachloroethene	4.20		ug/Kg	U	YES															
Toluene	1.46		ug/Kg	J	YES	J							J							
trans-1,2-Dichloroethene	4.20		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.20		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	21.0		ug/Kg	U	YES															
Trichloroethene	4.20		ug/Kg	U	YES															
Trichlorofluoromethane	4.20		ug/Kg	U	YES	UJ						UJ								
Vinyl chloride	4.20		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	334		ug/Kg	U	YES															
1,2-Dichlorobenzene	334		ug/Kg	U	YES															
1,3-Dichlorobenzene	334		ug/Kg	U	YES															
1,4-Dichlorobenzene	334		ug/Kg	U	YES															
2,4,5-Trichlorophenol	334		ug/Kg	U	YES															
2,4,6-Trichlorophenol	334		ug/Kg	U	YES															
2,4-Dichlorophenol	334		ug/Kg	U	YES															
2,4-Dimethylphenol	334		ug/Kg	U	YES															
2,4-Dinitrotoluene	334		ug/Kg	U	YES															
2,6-Dinitrotoluene	334		ug/Kg	U	YES															
2-Chloronaphthalene	334		ug/Kg	U	YES															
2-Chlorophenol	334		ug/Kg	U	YES															
2-Methylnaphthalene	334		ug/Kg	U	YES															
2-Methylphenol	334		ug/Kg	U	YES															
2-Nitroaniline	334		ug/Kg	U	YES															
2-Nitrophenol	334		ug/Kg	U	YES															
3 and/or 4-Methylphenol	334		ug/Kg	U	YES															

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5467

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915002

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
3-Nitroaniline	334		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	334		ug/Kg	U	YES															
4-Chloro-3-methylphenol	334		ug/Kg	U	YES															
4-Chloroaniline	334		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	334		ug/Kg	U	YES															
4-Nitroaniline	334		ug/Kg	U	YES															
4-Nitrophenol	334		ug/Kg	U	YES															
Acenaphthene	334		ug/Kg	U	YES															
Acenaphthylene	334		ug/Kg	U	YES															
Anthracene	334		ug/Kg	U	YES															
Benzo(a)anthracene	334		ug/Kg	U	YES															
Benzo(a)pyrene	334		ug/Kg	U	YES															
Benzo(b)fluoranthene	334		ug/Kg	U	YES															
Benzo(g,h,i)perylene	334		ug/Kg	U	YES															
Benzo(k)fluoranthene	334		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	334		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	334		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	334		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	334		ug/Kg	U	YES															
Butyl benzyl phthalate	334		ug/Kg	U	YES															
Chrysene	334		ug/Kg	U	YES															
Dibenz(a,h)anthracene	334		ug/Kg	U	YES															
Dibenzofuran	334		ug/Kg	U	YES															
Diethyl phthalate	334		ug/Kg	U	YES															
Dimethyl phthalate	334		ug/Kg	U	YES															
Di-n-butyl phthalate	334		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5468

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915002

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Di-n-octyl phthalate	334		ug/Kg	U	YES															
Fluoranthene	334		ug/Kg	U	YES															
Fluorene	334		ug/Kg	U	YES															
Hexachlorobenzene	334		ug/Kg	U	YES															
Hexachlorobuladiene	334		ug/Kg	U	YES															
Hexachlorocyclopentadiene	334		ug/Kg	U	YES															
Hexachloroethane	334		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	334		ug/Kg	U	YES															
Isophorone	334		ug/Kg	U	YES															
Naphthalene	334		ug/Kg	U	YES															
Nitrobenzene	334		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	334		ug/Kg	U	YES															
Pentachlorophenol	334		ug/Kg	U	YES	UJ					UJ									
Phenanthrene	334		ug/Kg	U	YES															
Phenol	334		ug/Kg	U	YES															
Pyrene	334		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5469

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915003

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C																				
Dilution: 1																				
Arsenic	3.42		mg/kg		YES															
Barium	122		mg/kg		YES	J					J									
Cadmium	1.16		mg/kg		YES															
Chromium	3.84		mg/kg		YES															
Lead	14.3		mg/kg		YES	J					J	J								
Selenium	0.381		mg/kg	J	YES															
Silver	0.956		mg/kg	U	YES															
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0210		mg/kg	U	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	10.1		ug/Kg	U	YES															
4,4'-DDD	10.1		ug/Kg	U	YES															
4,4'-DDE	2.86		ug/Kg	J	YES															
4,4'-DDE	2.86		ug/Kg	J	YES															
4,4'-DDT	19.2		ug/Kg		YES															
4,4'-DDT	19.2		ug/Kg		YES															
Aldrin	10.1		ug/Kg	U	YES															
Aldrin	10.1		ug/Kg	U	YES															
alpha-BHC	10.1		ug/Kg	U	YES															
alpha-BHC	10.1		ug/Kg	U	YES															
alpha-Chlordane	10.1		ug/Kg	U	YES															
alpha-Chlordane	10.1		ug/Kg	U	YES															
beta-BHC	10.1		ug/Kg	U	YES															
beta-BHC	10.1		ug/Kg	U	YES															
Chlordane	33.6		ug/Kg	U	YES															
Chlordane	33.6		ug/Kg	U	YES															
delta-BHC	10.1		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5470

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915003

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV
Analysis Method : 8081																				
Dilution: 1																				
della-BHC	10.1		ug/Kg	U	YES															
Dieldrin	10.1		ug/Kg	U	YES															
Dieldrin	10.1		ug/Kg	U	YES															
Endosulfan I	10.1		ug/Kg	U	YES															
Endosulfan I	10.1		ug/Kg	U	YES															
Endosulfan II	10.1		ug/Kg	U	YES															
Endosulfan II	10.1		ug/Kg	U	YES															
Endosulfan sulfate	10.1		ug/Kg	U	YES															
Endosulfan sulfate	10.1		ug/Kg	U	YES															
Endrin	10.1		ug/Kg	U	YES															
Endrin	10.1		ug/Kg	U	YES															
Endrin aldehyde	10.1		ug/Kg	U	YES															
Endrin aldehyde	10.1		ug/Kg	U	YES															
Endrin ketone	10.1		ug/Kg	U	YES															
Endrin ketone	10.1		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.1		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.1		ug/Kg	U	YES															
gamma-Chlordane	10.1		ug/Kg	U	YES															
gamma-Chlordane	10.1		ug/Kg	U	YES															
Heptachlor	10.1		ug/Kg	U	YES															
Heptachlor	10.1		ug/Kg	U	YES															
Heptachlor epoxide	10.1		ug/Kg	U	YES															
Heptachlor epoxide	10.1		ug/Kg	U	YES															
Methoxychlor	10.1		ug/Kg	U	YES															
Methoxychlor	10.1		ug/Kg	U	YES															
Toxaphene	33.6		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5471

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915003

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dls	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
Toxaphene	33.6		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0168		mg/kg	U	YES															
2,4,5-T	0.0168		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0168		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0168		mg/kg	U	YES															
2,4'-D	0.0168		mg/kg	U	YES															
2,4'-D	0.0168		mg/kg	U	YES															
2,4-DB	0.0168		mg/kg	U	YES	UJ						UJ								
2,4-DB	0.0168		mg/kg	U	YES	UJ						UJ								
Dicamba	0.0168		mg/kg	U	YES															
Dicamba	0.0168		mg/kg	U	YES															
Analysis Method : 8280B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.45		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.45		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.45		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.45		ug/Kg	U	YES															
1,1-Dichloroethane	4.45		ug/Kg	U	YES															
1,1-Dichloroethene	4.45		ug/Kg	U	YES															
1,1-Dichloropropene	4.45		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.45		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.45		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.45		ug/Kg	U	YES	UJ						UJ								
1,2,4-Trimethylbenzene	4.45		ug/Kg	U	YES	UJ						UJ								
1,2-Dibromo-3-chloropropane	26.7		ug/Kg	U	YES															
1,2-Dibromoethane	4.45		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.45		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5472

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S2

Lab Report Batch : 31101915

Lab ID : SGSW

Sample Date : 07/18/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101915003

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist To/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dichloroethane	4.45		ug/Kg	U	YES															
1,2-Dichloropropane	4.45		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.45		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.45		ug/Kg	U	YES															
1,3-Dichloropropane	4.45		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.45		ug/Kg	U	YES															
2,2-Dichloropropane	4.45		ug/Kg	U	YES															
2-Butanone	2.31		ug/Kg	J	YES	J					J									
2-Chlorotoluene	4.45		ug/Kg	U	YES															
2-Hexanone	11.1		ug/Kg	U	YES															
4-Chlorotoluene	4.45		ug/Kg	U	YES															
4-Isopropyltoluene	4.45		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.1		ug/Kg	U	YES															
Acetone	8.28		ug/Kg	J	YES	J				J	J									
Benzene	4.45		ug/Kg	U	YES															
Bromobenzene	4.45		ug/Kg	U	YES															
Bromochloromethane	4.45		ug/Kg	U	YES															
Bromodichloromethane	4.45		ug/Kg	U	YES															
Bromoform	4.45		ug/Kg	U	YES															
Bromomethane	4.45		ug/Kg	U	YES															
Carbon disulfide	4.45		ug/Kg	U	YES															
Carbon tetrachloride	4.45		ug/Kg	U	YES															
Chlorobenzene	4.45		ug/Kg	U	YES															
Chloroethane	4.45		ug/Kg	U	YES															
Chloroform	4.45		ug/Kg	U	YES															
Chloromethane	4.45		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5473

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915003

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.45		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.45		ug/Kg	U	YES															
Dibromochloromethane	4.45		ug/Kg	U	YES															
Dibromomethane	4.45		ug/Kg	U	YES															
Dichlorodifluoromethane	4.45		ug/Kg	U	YES															
Ethyl Benzene	4.45		ug/Kg	U	YES															
Hexachlorobutadiene	4.45		ug/Kg	U	YES	UJ						UJ								
Isopropylbenzene (Cumene)	4.45		ug/Kg	U	YES															
m,p-Xylene	8.89		ug/Kg	U	YES															
Methyl iodide	4.45		ug/Kg	U	YES															
Methylene chloride	2.03		ug/Kg	J	YES	U				U										
Naphthalene	4.45		ug/Kg	U	YES	UJ								UJ						
n-Butylbenzene	4.45		ug/Kg	U	YES	UJ								UJ						
n-Propylbenzene	4.45		ug/Kg	U	YES															
o-Xylene	4.45		ug/Kg	U	YES															
sec-Butylbenzene	4.45		ug/Kg	U	YES															
Styrene	4.45		ug/Kg	U	YES	UJ								UJ						
tert-Butyl methyl ether (MTBE)	4.45		ug/Kg	U	YES															
tert-Butylbenzene	4.45		ug/Kg	U	YES															
Tetrachloroethene	4.45		ug/Kg	U	YES															
Toluene	1.72		ug/Kg	J	YES															
trans-1,2-Dichloroethene	4.45		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.45		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	22.2		ug/Kg	U	YES															
Trichloroethene	4.45		ug/Kg	U	YES															
Trichlorofluoromethane	4.45		ug/Kg	U	YES	UJ								UJ						

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5374

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S2

Lab Report Batch : 31101915

Lab ID : SGSW

Sample Date : 07/18/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101915003

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist To/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
Vinyl chloride	4.45		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	338		ug/Kg	U	YES															
1,2-Dichlorobenzene	338		ug/Kg	U	YES															
1,3-Dichlorobenzene	338		ug/Kg	U	YES															
1,4-Dichlorobenzene	338		ug/Kg	U	YES															
2,4,5-Trichlorophenol	338		ug/Kg	U	YES															
2,4,6-Trichlorophenol	338		ug/Kg	U	YES															
2,4-Dichlorophenol	338		ug/Kg	U	YES															
2,4-Dimethylphenol	338		ug/Kg	U	YES															
2,4-Dinitrotoluene	338		ug/Kg	U	YES															
2,6-Dinitrotoluene	338		ug/Kg	U	YES															
2-Chloronaphthalene	338		ug/Kg	U	YES															
2-Chlorophenol	338		ug/Kg	U	YES															
2-Methylnaphthalene	338		ug/Kg	U	YES															
2-Methylphenol	338		ug/Kg	U	YES															
2-Nitroaniline	338		ug/Kg	U	YES															
2-Nitrophenol	338		ug/Kg	U	YES															
3 and/or 4-Methylphenol	338		ug/Kg	U	YES															
3-Nitroaniline	338		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	338		ug/Kg	U	YES															
4-Chloro-3-methylphenol	338		ug/Kg	U	YES															
4-Chloroaniline	338		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	338		ug/Kg	U	YES															
4-Nitroaniline	338		ug/Kg	U	YES															
4-Nitrophenol	338		ug/Kg	U	YES															
Acenaphthene	338		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5475

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915003

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	
Analysis Method : 8270D																					
Dilution: 1																					
Acenaphthylene	338		ug/Kg	U	YES																
Anthracene	338		ug/Kg	U	YES																
Benzo(a)anthracene	338		ug/Kg	U	YES																
Benzo(a)pyrene	338		ug/Kg	U	YES																
Benzo(b)fluoranthene	338		ug/Kg	U	YES																
Benzo(g,h,i)perylene	338		ug/Kg	U	YES																
Benzo(k)fluoranthene	338		ug/Kg	U	YES																
Bis(2-Chloroethoxy)methane	338		ug/Kg	U	YES																
Bis(2-Chloroethyl)ether	338		ug/Kg	U	YES																
Bis(2-Chloroisopropyl)ether	338		ug/Kg	U	YES																
Bis(2-Ethylhexyl)phthalate	338		ug/Kg	U	YES																
Butyl benzyl phthalate	338		ug/Kg	U	YES																
Chrysene	338		ug/Kg	U	YES																
Dibenz(a,h)anthracene	338		ug/Kg	U	YES																
Dibenzofuran	338		ug/Kg	U	YES																
Diethyl phthalate	338		ug/Kg	U	YES																
Dimethyl phthalate	338		ug/Kg	U	YES																
Di-n-butyl phthalate	338		ug/Kg	U	YES																
Di-n-octyl phthalate	338		ug/Kg	U	YES																
Fluoranthene	338		ug/Kg	U	YES																
Fluorene	338		ug/Kg	U	YES																
Hexachlorobenzene	338		ug/Kg	U	YES																
Hexachlorobutadiene	338		ug/Kg	U	YES																
Hexachlorocyclopentadiene	338		ug/Kg	U	YES																
Hexachloroethane	338		ug/Kg	U	YES																
Indeno(1,2,3-cd)pyrene	338		ug/Kg	U	YES																

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

54 76

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915003

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Isophorone	338		ug/Kg	U	YES															
Naphthalene	338		ug/Kg	U	YES															
Nitrobenzene	338		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	338		ug/Kg	U	YES															
Pentachlorophenol	338		ug/Kg	U	YES	UJ				UJ										
Phenanthrene	338		ug/Kg	U	YES															
Phenol	338		ug/Kg	U	YES															
Pyrene	338		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5477

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915006

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist To/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C				Dilution: 1																
Arsenic	1.75		mg/kg		YES	J														
Barium	132		mg/kg		YES	J					J									
Cadmium	0.656		mg/kg		YES	U			U											
Chromium	3.43		mg/kg		YES	U			U											
Lead	13.6		mg/kg		YES	J					J	J								
Selenium	1.82		mg/kg	U	YES															
Silver	0.912		mg/kg	U	YES															
Analysis Method : 7471B				Dilution: 1																
Mercury	0.0199		mg/kg	U	YES															
Analysis Method : 8081				Dilution: 1																
4,4'-DDD	9.95		ug/Kg	U	YES															
4,4'-DDD	9.95		ug/Kg	U	YES															
4,4'-DDE	0.515		ug/Kg	J P	YES															
4,4'-DDE	0.515		ug/Kg	J P	YES															
4,4'-DDT	5.43		ug/Kg	J	YES															
4,4'-DDT	5.43		ug/Kg	J	YES															
Aldrin	9.95		ug/Kg	U	YES															
Aldrin	9.95		ug/Kg	U	YES															
alpha-BHC	9.95		ug/Kg	U	YES															
alpha-BHC	9.95		ug/Kg	U	YES															
alpha-Chlordane	9.95		ug/Kg	U	YES															
alpha-Chlordane	9.95		ug/Kg	U	YES															
beta-BHC	9.95		ug/Kg	U	YES															
beta-BHC	9.95		ug/Kg	U	YES															
Chlordane	33.1		ug/Kg	U	YES															
Chlordane	33.1		ug/Kg	U	YES															
delta-BHC	9.95		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5478

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915006

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
delta-BHC	9.95		ug/Kg	U	YES															
Dieldrin	9.95		ug/Kg	U	YES															
Dieldrin	9.95		ug/Kg	U	YES															
Endosulfan I	9.95		ug/Kg	U	YES															
Endosulfan I	9.95		ug/Kg	U	YES															
Endosulfan II	9.95		ug/Kg	U	YES															
Endosulfan II	9.95		ug/Kg	U	YES															
Endosulfan sulfate	9.95		ug/Kg	U	YES															
Endosulfan sulfate	9.95		ug/Kg	U	YES															
Endrin	9.95		ug/Kg	U	YES															
Endrin	9.95		ug/Kg	U	YES															
Endrin aldehyde	9.95		ug/Kg	U	YES															
Endrin aldehyde	9.95		ug/Kg	U	YES															
Endrin ketone	9.95		ug/Kg	U	YES															
Endrin ketone	9.95		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.95		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.95		ug/Kg	U	YES															
gamma-Chlordane	9.95		ug/Kg	U	YES															
gamma-Chlordane	9.95		ug/Kg	U	YES															
Heptachlor	9.95		ug/Kg	U	YES															
Heptachlor	9.95		ug/Kg	U	YES															
Heptachlor epoxide	9.95		ug/Kg	U	YES															
Heptachlor epoxide	9.95		ug/Kg	U	YES															
Methoxychlor	9.95		ug/Kg	U	YES															
Methoxychlor	9.95		ug/Kg	U	YES															
Toxaphene	33.1		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5479

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915006

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
Toxaphene	33.1		ug/Kg	U	YES															
Analysis Method : 8161																				
Dilution: 1																				
2,4,5-T	0.0167		mg/kg	U	YES															
2,4,6-T	0.0167		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES															
2,4'-D	0.0167		mg/kg	U	YES															
2,4'-D	0.0167		mg/kg	U	YES															
2,4-DB	0.0167		mg/kg	U	YES	UJ						UJ								
2,4-DB	0.0167		mg/kg	U	YES	UJ						UJ								
Dicamba	0.0167		mg/kg	U	YES															
Dicamba	0.0167		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.60		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.60		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.60		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.60		ug/Kg	U	YES															
1,1-Dichloroethane	4.60		ug/Kg	U	YES															
1,1-Dichloroethene	4.60		ug/Kg	U	YES															
1,1-Dichloropropane	4.60		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.60		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.60		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.60		ug/Kg	U	YES	UJ						UJ								
1,2,4-Trimethylbenzene	4.60		ug/Kg	U	YES	UJ						UJ								
1,2-Dibromo-3-chloropropane	27.6		ug/Kg	U	YES															
1,2-Dibromoethane	4.60		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.60		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5480

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915006

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dichloroethane	4.60		ug/Kg	U	YES															
1,2-Dichloropropane	4.60		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.60		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.60		ug/Kg	U	YES															
1,3-Dichloropropane	4.60		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.60		ug/Kg	U	YES															
2,2-Dichloropropane	4.60		ug/Kg	U	YES															
2-Butanone	23.0		ug/Kg	U	YES															
2-Chlorotoluene	4.60		ug/Kg	U	YES															
2-Hexanone	11.5		ug/Kg	U	YES															
4-Chlorotoluene	4.60		ug/Kg	U	YES															
4-Isopropyltoluene	4.60		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.5		ug/Kg	U	YES															
Acetone	6.25		ug/Kg	J	YES	J				J	J		J							
Benzene	4.60		ug/Kg	U	YES															
Bromobenzene	4.60		ug/Kg	U	YES															
Bromochloromethane	4.60		ug/Kg	U	YES															
Bromodichloromethane	4.60		ug/Kg	U	YES															
Bromoform	4.60		ug/Kg	U	YES															
Bromomethane	4.60		ug/Kg	U	YES															
Carbon disulfide	4.60		ug/Kg	U	YES															
Carbon tetrachloride	4.60		ug/Kg	U	YES															
Chlorobenzene	4.60		ug/Kg	U	YES															
Chloroethane	4.60		ug/Kg	U	YES															
Chloroform	4.60		ug/Kg	U	YES															
Chloromethane	4.60		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

54 81

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915006

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.60		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.60		ug/Kg	U	YES															
Dibromochloromethane	4.60		ug/Kg	U	YES															
Dibromomethane	4.60		ug/Kg	U	YES															
Dichlorodifluoromethane	4.60		ug/Kg	U	YES															
Ethyl Benzene	4.60		ug/Kg	U	YES															
Hexachlorobutadiene	4.60		ug/Kg	U	YES	UJ						UJ								
Isopropylbenzene (Cumene)	4.60		ug/Kg	U	YES															
m,p-Xylene	9.20		ug/Kg	U	YES															
Methyl Iodide	4.60		ug/Kg	U	YES															
Methylene chloride	0.892		ug/Kg	J	YES	UJ			U				J							
Naphthalene	4.60		ug/Kg	U	YES	UJ							UJ							
n-Butylbenzene	4.60		ug/Kg	U	YES	UJ							UJ							
n-Propylbenzene	4.60		ug/Kg	U	YES															
o-Xylene	4.60		ug/Kg	U	YES															
sec-Butylbenzene	4.60		ug/Kg	U	YES															
Styrene	4.60		ug/Kg	U	YES	UJ							UJ							
tert-Butyl methyl ether (MTBE)	4.60		ug/Kg	U	YES															
tert-Butylbenzene	4.60		ug/Kg	U	YES															
Tetrachloroethene	4.60		ug/Kg	U	YES															
Toluene	4.60		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.60		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.60		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	23.0		ug/Kg	U	YES															
Trichloroethene	4.60		ug/Kg	U	YES															
Trichlorofluoromethane	4.60		ug/Kg	U	YES	UJ							UJ							

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5482

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915006

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
Vinyl chloride	4.60		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	335		ug/Kg	U	YES															
1,2-Dichlorobenzene	335		ug/Kg	U	YES															
1,3-Dichlorobenzene	335		ug/Kg	U	YES															
1,4-Dichlorobenzene	335		ug/Kg	U	YES															
2,4,5-Trichlorophenol	335		ug/Kg	U	YES															
2,4,6-Trichlorophenol	335		ug/Kg	U	YES															
2,4-Dichlorophenol	335		ug/Kg	U	YES															
2,4-Dimethylphenol	335		ug/Kg	U	YES															
2,4-Dinitrotoluene	335		ug/Kg	U	YES															
2,6-Dinitrotoluene	335		ug/Kg	U	YES															
2-Chloronaphthalene	335		ug/Kg	U	YES															
2-Chlorophenol	335		ug/Kg	U	YES															
2-Methylnaphthalene	335		ug/Kg	U	YES															
2-Methylphenol	335		ug/Kg	U	YES															
2-Nitroaniline	335		ug/Kg	U	YES															
2-Nitrophenol	335		ug/Kg	U	YES															
3 and/or 4-Methylphenol	335		ug/Kg	U	YES															
3-Nitroaniline	335		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	335		ug/Kg	U	YES															
4-Chloro-3-methylphenol	335		ug/Kg	U	YES															
4-Chloroaniline	335		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	335		ug/Kg	U	YES															
4-Nitroaniline	335		ug/Kg	U	YES															
4-Nitrophenol	335		ug/Kg	U	YES															
Acenaphthene	335		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5483

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915006

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist To/Dts	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Acenaphthylene	335		ug/Kg	U	YES															
Anthracene	335		ug/Kg	U	YES															
Benzo(a)anthracene	335		ug/Kg	U	YES															
Benzo(a)pyrene	335		ug/Kg	U	YES															
Benzo(b)fluoranthene	335		ug/Kg	U	YES															
Benzo(g,h)perylene	335		ug/Kg	U	YES															
Benzo(k)fluoranthene	335		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	335		ug/Kg	U	YES															
Bis(2-Chloroethoxy)ether	335		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	335		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	335		ug/Kg	U	YES															
Butyl benzyl phthalate	335		ug/Kg	U	YES															
Chrysene	335		ug/Kg	U	YES															
Dibenz(a,h)anthracene	335		ug/Kg	U	YES															
Dibenzofuran	335		ug/Kg	U	YES															
Diethyl phthalate	335		ug/Kg	U	YES															
Dimethyl phthalate	335		ug/Kg	U	YES															
Di-n-butyl phthalate	335		ug/Kg	U	YES															
Di-n-octyl phthalate	335		ug/Kg	U	YES															
Fluoranthene	335		ug/Kg	U	YES															
Fluorene	335		ug/Kg	U	YES															
Hexachlorobenzene	335		ug/Kg	U	YES															
Hexachlorobutadiene	335		ug/Kg	U	YES															
Hexachlorocyclopentadiene	335		ug/Kg	U	YES															
Hexachloroethane	335		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	335		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5484

Sample Qualification Report (All Analytes)

Client Sample ID : E11-149-S3
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915006

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist TotDis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Isophorone	335		ug/Kg	U	YES															
Naphthalene	335		ug/Kg	U	YES															
Nitrobenzene	335		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	335		ug/Kg	U	YES															
Pentachlorophenol	335		ug/Kg	U	YES	UJ				UJ										
Phenanthrene	335		ug/Kg	U	YES															
Phenol	335		ug/Kg	U	YES															
Pyrene	335		ug/Kg	U	YES															

5485

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915016

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C				Dilution: 1																
Arsenic	3.19		mg/kg		YES															
Barium	90.4		mg/kg		YES	J					J									
Cadmium	0.751		mg/kg		YES	U			U											
Chromium	3.87		mg/kg		YES															
Lead	11.8		mg/kg		YES	J					J	J								
Selenium	2.06		mg/kg	U	YES															
Silver	1.03		mg/kg	U	YES															
Analysis Method : 7471B				Dilution: 1																
Mercury	0.00381		mg/kg	J	YES															
Analysis Method : 8081				Dilution: 1																
4,4'-DDD	9.85		ug/Kg	U	YES															
4,4'-DDD	9.85		ug/Kg	U	YES															
4,4'-DDE	0.617		ug/Kg	J P	YES															
4,4'-DDE	0.617		ug/Kg	J P	YES															
4,4'-DDT	1.87		ug/Kg	J	YES															
4,4'-DDT	1.87		ug/Kg	J	YES															
Aldrin	9.85		ug/Kg	U	YES															
Aldrin	9.85		ug/Kg	U	YES															
alpha-BHC	9.85		ug/Kg	U	YES															
alpha-BHC	9.85		ug/Kg	U	YES															
alpha-Chlordane	9.85		ug/Kg	U	YES															
alpha-Chlordane	9.85		ug/Kg	U	YES															
beta-BHC	9.85		ug/Kg	U	YES															
beta-BHC	9.85		ug/Kg	U	YES															
Chlordane	32.8		ug/Kg	U	YES															
Chlordane	32.8		ug/Kg	U	YES															
delta-BHC	9.85		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5486

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915016

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081																				
Dilution: 1																				
della-BHC	9.85		ug/Kg	U	YES															
Dieldrin	9.85		ug/Kg	U	YES															
Dieldrin	9.85		ug/Kg	U	YES															
Endosulfan I	9.85		ug/Kg	U	YES															
Endosulfan I	9.85		ug/Kg	U	YES															
Endosulfan II	9.85		ug/Kg	U	YES															
Endosulfan II	9.85		ug/Kg	U	YES															
Endosulfan sulfate	9.85		ug/Kg	U	YES															
Endosulfan sulfate	9.85		ug/Kg	U	YES															
Endrin	9.85		ug/Kg	U	YES															
Endrin	9.85		ug/Kg	U	YES															
Endrin aldehyde	9.85		ug/Kg	U	YES															
Endrin aldehyde	9.85		ug/Kg	U	YES															
Endrin ketone	9.85		ug/Kg	U	YES															
Endrin ketone	9.85		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.85		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.85		ug/Kg	U	YES															
gamma-Chlordane	9.85		ug/Kg	U	YES															
gamma-Chlordane	9.85		ug/Kg	U	YES															
Heptachlor	9.85		ug/Kg	U	YES															
Heptachlor	9.85		ug/Kg	U	YES															
Heptachlor epoxide	9.85		ug/Kg	U	YES															
Heptachlor epoxide	9.85		ug/Kg	U	YES															
Methoxychlor	9.85		ug/Kg	U	YES															
Methoxychlor	9.85		ug/Kg	U	YES															
Toxaphene	32.8		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 10:38

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5487

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915016

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist To/Dis	Field QC	Tune	IC	ICV	CV/ CCV
Analysis Method : 8081																				
Dilution: 1																				
Toxaphene	32.8		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0165		mg/kg	U	YES															
2,4,5-T	0.0165		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0165		mg/kg	U	YES	UJ							UJ							
2,4,5-TP (Silvex)	0.0165		mg/kg	U	YES	UJ							UJ							
2,4'-D	0.0165		mg/kg	U	YES	UJ							UJ							
2,4'-D	0.0165		mg/kg	U	YES	UJ							UJ							
2,4-DB	0.0165		mg/kg	U	YES															
2,4-DB	0.0165		mg/kg	U	YES															
Dicamba	0.0155		mg/kg	U	YES															
Dicamba	0.0165		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.40		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.40		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.40		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.40		ug/Kg	U	YES															
1,1-Dichloroethane	4.40		ug/Kg	U	YES															
1,1-Dichloroethane	4.40		ug/Kg	U	YES															
1,1-Dichloropropene	4.40		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.40		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.40		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.40		ug/Kg	U	YES	UJ							UJ							
1,2,4-Trimethylbenzene	4.40		ug/Kg	U	YES	UJ							UJ							
1,2-Dibromo-3-chloropropane	26.4		ug/Kg	U	YES															
1,2-Dibromoethane	4.40		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.40		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5488

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915016

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B		Dilution: 1																		
1,2-Dichloroethane	4.40		ug/Kg	U	YES															
1,2-Dichloropropane	4.40		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.40		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.40		ug/Kg	U	YES															
1,3-Dichloropropane	4.40		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.40		ug/Kg	U	YES															
2,2-Dichloropropane	4.40		ug/Kg	U	YES															
2-Butanone	3.50		ug/Kg	J	YES	J					J									
2-Chlorotoluene	4.40		ug/Kg	U	YES															
2-Hexanone	11.0		ug/Kg	U	YES															
4-Chlorotoluene	4.40		ug/Kg	U	YES															
4-Isopropyltoluene	4.40		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.0		ug/Kg	U	YES															
Acetone	14.8		ug/Kg	J	YES	J				J	J									
Benzene	4.40		ug/Kg	U	YES															
Bromobenzene	4.40		ug/Kg	U	YES															
Bromochloromethane	4.40		ug/Kg	U	YES															
Bromodichloromethane	4.40		ug/Kg	U	YES															
Bromoform	4.40		ug/Kg	U	YES															
Bromomethane	4.40		ug/Kg	U	YES															
Carbon disulfide	4.40		ug/Kg	U	YES															
Carbon tetrachloride	4.40		ug/Kg	U	YES															
Chlorobenzene	4.40		ug/Kg	U	YES															
Chloroethane	4.40		ug/Kg	U	YES															
Chloroform	4.40		ug/Kg	U	YES															
Chloromethane	4.40		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5489

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915016

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.40		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.40		ug/Kg	U	YES															
Dibromochloromethane	4.40		ug/Kg	U	YES															
Dibromomethane	4.40		ug/Kg	U	YES															
Dichlorodifluoromethane	4.40		ug/Kg	U	YES															
Ethyl Benzene	4.40		ug/Kg	U	YES															
Hexachlorobutadiene	4.40		ug/Kg	U	YES	UJ						UJ								
Isopropylbenzene (Cumene)	4.40		ug/Kg	U	YES															
m,p-Xylene	8.81		ug/Kg	U	YES															
Methyl iodide	0.977		ug/Kg	J	YES															
Methylene chloride	1.05		ug/Kg	J	YES	U			U											
Naphthalene	4.40		ug/Kg	U	YES	UJ						UJ								
n-Butylbenzene	4.40		ug/Kg	U	YES	UJ						UJ								
n-Propylbenzene	4.40		ug/Kg	U	YES															
o-Xylene	4.40		ug/Kg	U	YES															
sec-Butylbenzene	4.40		ug/Kg	U	YES															
Styrene	4.40		ug/Kg	U	YES	UJ						UJ								
tert-Butyl methyl ether (MTBE)	4.40		ug/Kg	U	YES															
tert-Butylbenzene	4.40		ug/Kg	U	YES															
Tetrachloroethene	4.40		ug/Kg	U	YES															
Toluene	4.40		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.40		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.40		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	?? 0		ug/Kg	U	YFR															
Trichloroethene	4.40		ug/Kg	U	YES															
Trichlorofluoromethane	4.40		ug/Kg	U	YES	UJ						UJ								

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

54 90

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915016

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist TotDis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B							Dilution: 1													
Vinyl chloride	4.40		ug/Kg	U	YES															
Analysis Method : 8270D							Dilution: 1													
1,2,4-Trichlorobenzene	330		ug/Kg	U	YES															
1,2-Dichlorobenzene	330		ug/Kg	U	YES															
1,3-Dichlorobenzene	330		ug/Kg	U	YES															
1,4-Dichlorobenzene	330		ug/Kg	U	YES															
2,4,5-Trichlorophenol	330		ug/Kg	U	YES															
2,4,6-Trichlorophenol	330		ug/Kg	U	YES															
2,4-Dichlorophenol	330		ug/Kg	U	YES															
2,4-Dimethylphenol	330		ug/Kg	U	YES															
2,4-Dinitrotoluene	330		ug/Kg	U	YES															
2,6-Dinitrotoluene	330		ug/Kg	U	YES															
2-Chloronaphthalene	330		ug/Kg	U	YES															
2-Chlorophenol	330		ug/Kg	U	YES															
2-Methylnaphthalene	330		ug/Kg	U	YES															
2-Methylphenol	330		ug/Kg	U	YES															
2-Nitroaniline	330		ug/Kg	U	YES															
2-Nitrophenol	330		ug/Kg	U	YES															
3 and/or 4-Methylphenol	330		ug/Kg	U	YES															
3-Nitroaniline	330		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	330		ug/Kg	U	YES															
4-Chloro-3-methylphenol	330		ug/Kg	U	YES															
4-Chloroaniline	330		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	330		ug/Kg	U	YES															
4-Nitroaniline	330		ug/Kg	U	YES															
4-Nitrophenol	330		ug/Kg	U	YES															
Acenaphthene	330		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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Report Date: 9/6/2011 10:38

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5491

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S1
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915016

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	
Analysis Method : 8270D																					
Dilution: 1																					
Acenaphthylene	330		ug/Kg	U	YES																
Anthracene	330		ug/Kg	U	YES																
Benzo(a)anthracene	330		ug/Kg	U	YES																
Benzo(a)pyrene	330		ug/Kg	U	YES																
Benzo(b)fluoranthene	330		ug/Kg	U	YES																
Benzo(g,h,i)perylene	330		ug/Kg	U	YES																
Benzo(k)fluoranthene	330		ug/Kg	U	YES																
Bis(2-Chloroethoxy)methane	330		ug/Kg	U	YES																
Bis(2-Chloroethyl)ether	330		ug/Kg	U	YES																
Bis(2-Chloroisopropyl)ether	330		ug/Kg	U	YES																
Bis(2-Ethylhexyl)phthalate	330		ug/Kg	U	YES																
Butyl benzyl phthalate	330		ug/Kg	U	YES																
Chrysene	330		ug/Kg	U	YES																
Dibenz(a,h)anthracene	330		ug/Kg	U	YES																
Dibenzofuran	330		ug/Kg	U	YES																
Diethyl phthalate	330		ug/Kg	U	YES																
Dimethyl phthalate	330		ug/Kg	U	YES																
Di-n-butyl phthalate	330		ug/Kg	U	YES																
Di-n-octyl phthalate	330		ug/Kg	U	YES																
Fluoranthene	330		ug/Kg	U	YES																
Fluorene	330		ug/Kg	U	YES																
Hexachlorobenzene	330		ug/Kg	U	YES																
Hexachlorobutadiene	330		ug/Kg	U	YES																
Hexachlorocyclopentadiene	330		ug/Kg	U	YES																
Hexachloroethane	330		ug/Kg	U	YES																
Indeno(1,2,3-cd)pyrene	330		ug/Kg	U	YES																

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 10:38

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5492

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S1

Lab Report Batch : 31101915

Lab ID : SGSW

Sample Date : 07/18/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101915016

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist To&Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D		Dilution: 1																		
Isophorone	330		ug/Kg	U	YES															
Naphthalene	330		ug/Kg	U	YES															
Nitrobenzene	330		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	330		ug/Kg	U	YES															
Pentachlorophenol	330		ug/Kg	U	YES	UJ					UJ									
Phenanthrene	330		ug/Kg	U	YES															
Phenol	330		ug/Kg	U	YES															
Pyrene	330		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 10:38

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

5493

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S2

Lab Report Batch : 31101915

Lab ID : SGSW

Sample Date : 07/18/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101915017

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C				Dilution: 1																
Arsenic	29.2		mg/kg		YES															
Barium	82.6		mg/kg		YES	J						J								
Cadmium	1.13		mg/kg		YES	U			U											
Chromium	3.26		mg/kg		YES	U			U											
Lead	41.2		mg/kg		YES	J						J	J							
Selenium	1.90		mg/kg	U	YES															
Silver	0.289		mg/kg	J	YES	U			U											
Analysis Method : 7471B				Dilution: 1																
Mercury	0.00648		mg/kg	J	YES															
Analysis Method : 8081				Dilution: 1																
4,4'-DDD	9.85		ug/Kg	U	YES															
4,4'-DDD	9.85		ug/Kg	U	YES															
4,4'-DDE	1.30		ug/Kg	J	YES															
4,4'-DDE	1.30		ug/Kg	J	YES															
4,4'-DDT	4.18		ug/Kg	J	YES															
4,4'-DDT	4.18		ug/Kg	J	YES															
Aldrin	9.85		ug/Kg	U	YES															
Aldrin	9.85		ug/Kg	U	YES															
alpha-BHC	9.85		ug/Kg	U	YES															
alpha-BHC	9.85		ug/Kg	U	YES															
alpha-Chlordane	9.85		ug/Kg	U	YES															
alpha-Chlordane	9.85		ug/Kg	U	YES															
beta-BHC	9.85		ug/Kg	U	YES															
beta-BHC	9.85		ug/Kg	U	YES															
Chlordane	32.8		ug/Kg	U	YES															
Chlordane	32.8		ug/Kg	U	YES															
delta-BHC	9.85		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/5/2011 10:38

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

54 94

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915017

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	
Analysis Method : 8081							Dilution: 1														
delta-BHC	9.85		ug/Kg	U	YES																
Dieldrin	9.85		ug/Kg	U	YES																
Dieldrin	9.85		ug/Kg	U	YES																
Endosulfan I	9.85		ug/Kg	U	YES																
Endosulfan I	9.85		ug/Kg	U	YES																
Endosulfan II	9.85		ug/Kg	U	YES																
Endosulfan II	9.85		ug/Kg	U	YES																
Endosulfan sulfate	9.85		ug/Kg	U	YES																
Endosulfan sulfate	9.85		ug/Kg	U	YES																
Endrin	9.85		ug/Kg	U	YES																
Endrin	9.85		ug/Kg	U	YES																
Endrin aldehyde	9.85		ug/Kg	U	YES																
Endrin aldehyde	9.85		ug/Kg	U	YES																
Endrin ketone	9.85		ug/Kg	U	YES																
Endrin ketone	9.85		ug/Kg	U	YES																
gamma-BHC (Lindane)	9.85		ug/Kg	U	YES																
gamma-BHC (Lindane)	9.85		ug/Kg	U	YES																
gamma-Chlordane	9.85		ug/Kg	U	YES																
gamma-Chlordane	9.85		ug/Kg	U	YES																
Heptachlor	9.85		ug/Kg	U	YES																
Heptachlor	9.85		ug/Kg	U	YES																
Heptachlor epoxide	9.85		ug/Kg	U	YES																
Heptachlor epoxide	9.85		ug/Kg	U	YES																
Methoxychlor	9.05		ug/Kg	U	YES																
Methoxychlor	9.85		ug/Kg	U	YES																
Toxaphene	32.8		ug/Kg	U	YES																

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* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

54 95

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915017

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081				Dilution: 1																
Toxaphene	32.8		ug/Kg	U	YES															
Analysis Method : 8151				Dilution: 1																
2,4,5-T	0.0167		mg/kg	U	YES															
2,4,5-T	0.0167		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES	UJ														
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES	UJ														
2,4-D	0.0167		mg/kg	U	YES	UJ														
2,4-D	0.0167		mg/kg	U	YES	UJ														
2,4-DB	0.0167		mg/kg	U	YES															
2,4-DB	0.0167		mg/kg	U	YES															
Dicamba	0.0167		mg/kg	U	YES															
Dicamba	0.0167		mg/kg	U	YES															
Analysis Method : 8260B				Dilution: 1																
1,1,1,2-Tetrachloroethane	4.13		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.13		ug/Kg	U	YES															
1,1,2-Tetrachloroethane	4.13		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.13		ug/Kg	U	YES															
1,1-Dichloroethane	4.13		ug/Kg	U	YES															
1,1-Dichloroethane	4.13		ug/Kg	U	YES															
1,1-Dichloropropene	4.13		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.13		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.13		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.13		ug/Kg	U	YES	UJ														
1,2,4-Trimethylbenzene	4.13		ug/Kg	U	YES	UJ														
1,2-Dibromo-3-chloropropane	24.8		ug/Kg	U	YES															
1,2-Dibromoethane	4.13		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.13		ug/Kg	U	YES															

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54 96

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915017

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dichloroethane	4.13		ug/Kg	U	YES															
1,2-Dichloropropane	4.13		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.13		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.13		ug/Kg	U	YES															
1,3-Dichloropropane	4.13		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.13		ug/Kg	U	YES															
2,2-Dichloropropane	4.13		ug/Kg	U	YES															
2-Butanone	3.72		ug/Kg	J	YES	J					J		J							
2-Chlorotoluene	4.13		ug/Kg	U	YES															
2-Hexanone	10.3		ug/Kg	U	YES															
4-Chlorotoluene	4.13		ug/Kg	U	YES															
4-Isopropyltoluene	4.13		ug/Kg	U	YES															
4-Methyl-2-pentanone	10.3		ug/Kg	U	YES															
Acetone	12.5		ug/Kg	J	YES	J				J	J		J							
Benzene	4.13		ug/Kg	U	YES															
Bromobenzene	4.13		ug/Kg	U	YES															
Bromochloromethane	4.13		ug/Kg	U	YES															
Bromodichloromethane	4.13		ug/Kg	U	YES															
Bromoform	4.13		ug/Kg	U	YES															
Bromomethane	4.13		ug/Kg	U	YES															
Carbon disulfide	4.13		ug/Kg	U	YES															
Carbon tetrachloride	4.13		ug/Kg	U	YES															
Chlorobenzene	4.13		ug/Kg	U	YES															
Chloroethane	4.13		ug/Kg	U	YES															
Chloroform	4.13		ug/Kg	U	YES															
Chloromethane	4.13		ug/Kg	U	YES															

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54 97

Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915017

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID :SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.13		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.13		ug/Kg	U	YES															
Dibromochloromethane	4.13		ug/Kg	U	YES															
Dibromomethane	4.13		ug/Kg	U	YES															
Dichlorodifluoromethane	4.13		ug/Kg	U	YES															
Ethyl Benzene	4.13		ug/Kg	U	YES															
Hexachlorobutadiene	4.13		ug/Kg	U	YES	UJ					UJ									
Isopropylbenzene (Cumene)	4.13		ug/Kg	U	YES															
m,p-Xylene	8.27		ug/Kg	U	YES															
Methyl iodide	4.13		ug/Kg	U	YES															
Methylene chloride	1.40		ug/Kg	J	YES	UJ			U				J							
Naphthalene	4.13		ug/Kg	U	YES	UJ					UJ									
n-Butylbenzene	4.13		ug/Kg	U	YES	UJ					UJ									
n-Propylbenzene	4.13		ug/Kg	U	YES															
o-Xylene	4.13		ug/Kg	U	YES															
sec-Butylbenzene	4.13		ug/Kg	U	YES															
Styrene	4.13		ug/Kg	U	YES	UJ					UJ									
tert-Butyl methyl ether (MTBE)	4.13		ug/Kg	U	YES															
tert-Butylbenzene	4.13		ug/Kg	U	YES															
Tetrachloroethene	4.13		ug/Kg	U	YES															
Toluene	4.13		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.13		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.13		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	20.7		ug/Kg	U	YES															
Trichloroethene	4.13		ug/Kg	U	YES															
Trichlorofluoromethane	4.13		ug/Kg	U	YES	UJ					UJ									

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Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915017

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
Vinyl chloride	4.13		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	334		ug/Kg	U	YES															
1,2-Dichlorobenzene	334		ug/Kg	U	YES															
1,3-Dichlorobenzene	334		ug/Kg	U	YES															
1,4-Dichlorobenzene	334		ug/Kg	U	YES															
2,4,5-Trichlorophenol	334		ug/Kg	U	YES															
2,4,6-Trichlorophenol	334		ug/Kg	U	YES															
2,4-Dichlorophenol	334		ug/Kg	U	YES															
2,4-Dimethylphenol	334		ug/Kg	U	YES															
2,4-Dinitrotoluene	334		ug/Kg	U	YES															
2,6-Dinitrotoluene	334		ug/Kg	U	YES															
2-Chloronaphthalene	334		ug/Kg	U	YES															
2-Chlorophenol	334		ug/Kg	U	YES															
2-Methylnaphthalene	334		ug/Kg	U	YES															
2-Methylphenol	334		ug/Kg	U	YES															
2-Nitroaniline	334		ug/Kg	U	YES															
2-Nitrophenol	334		ug/Kg	U	YES															
3 and/or 4-Methylphenol	334		ug/Kg	U	YES															
3-Nitroaniline	334		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	334		ug/Kg	U	YES															
4-Chloro-3-methylphenol	334		ug/Kg	U	YES															
4-Chloroaniline	334		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	334		ug/Kg	U	YES															
4-Nitroaniline	334		ug/Kg	U	YES															
4-Nitrophenol	334		ug/Kg	U	YES															
Acenaphthene	334		ug/Kg	U	YES															

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Sample Qualification Report (All Analytes)

Client Sample ID : E11-150-S2
 Sample Date : 07/18/2011
 Lab Sample ID: 31101915017

Lab Report Batch : 31101915
 Analysis Type: RES

Lab ID : SGSW
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Lmt	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Acenaphthylene	334		ug/Kg	U	YES															
Anthracene	334		ug/Kg	U	YES															
Benzo(a)anthracene	334		ug/Kg	U	YES															
Benzo(a)pyrene	334		ug/Kg	U	YES															
Benzo(b)fluoranthene	334		ug/Kg	U	YES															
Benzo(g,h,i)perylene	334		ug/Kg	U	YES															
Benzo(k)fluoranthene	334		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	334		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	334		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	334		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	334		ug/Kg	U	YES															
Butyl benzyl phthalate	334		ug/Kg	U	YES															
Chrysene	334		ug/Kg	U	YES															
Dibenz(a,h)anthracene	334		ug/Kg	U	YES															
Dibenzofuran	334		ug/Kg	U	YES															
Diethyl phthalate	334		ug/Kg	U	YES															
Dimethyl phthalate	334		ug/Kg	U	YES															
Di-n-butyl phthalate	334		ug/Kg	U	YES															
Di-n-octyl phthalate	334		ug/Kg	U	YES															
Fluoranthene	334		ug/Kg	U	YES															
Fluorene	334		ug/Kg	U	YES															
Hexachlorobenzene	334		ug/Kg	U	YES															
Hexachlorobutadiene	334		ug/Kg	U	YES															
Hexachlorocyclopentadiene	334		ug/Kg	U	YES															
Hexachloroethane	334		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	334		ug/Kg	U	YES															

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