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Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879042

Lab Report Batch : 31101879
 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: 20																		
4,4'-DDD	34.9		ug/Kg	J	YES	J							J							
4,4'-DDD	34.9		ug/Kg	J	YES	J							J							
4,4'-DDE	39.0		ug/Kg	J	YES	J							J							
4,4'-DDE	39.0		ug/Kg	J	YES	J							J							
4,4'-DDT	450		ug/Kg		YES	J							J							
4,4'-DDT	450		ug/Kg		YES	J							J							
Aldrin	199		ug/Kg	U	YES															
Aldrin	199		ug/Kg	U	YES															
alpha-BHC	199		ug/Kg	U	YES															
alpha-BHC	199		ug/Kg	U	YES															
alpha-Chlordane	199		ug/Kg	U	YES															
alpha-Chlordane	199		ug/Kg	U	YES															
beta-BHC	199		ug/Kg	U	YES															
beta-BHC	199		ug/Kg	U	YES															
Chlordane	663		ug/Kg	U	YES															
Chlordane	663		ug/Kg	U	YES															
delta-BHC	199		ug/Kg	U	YES															
delta-BHC	199		ug/Kg	U	YES															
Dieldrin	199		ug/Kg	U	YES															
Dieldrin	199		ug/Kg	U	YES															
Endosulfan I	199		ug/Kg	U	YES															
Endosulfan I	199		ug/Kg	U	YES															
Endosulfan II	199		ug/Kg	U	YES															
Endosulfan II	199		ug/Kg	U	YES															
Endosulfan sulfate	199		ug/Kg	U	YES															
Endosulfan sulfate	199		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

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Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879042

Lab Report Batch : 31101879
 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: 20																				
Endrin	199		ug/Kg	U	YES															
Endrin	199		ug/Kg	U	YES															
Endrin aldehyde	199		ug/Kg	U	YES															
Endrin aldehyde	199		ug/Kg	U	YES															
Endrin ketone	199		ug/Kg	U	YES															
Endrin ketone	199		ug/Kg	U	YES															
gamma-BHC (Lindane)	199		ug/Kg	U	YES															
gamma-BHC (Lindane)	199		ug/Kg	U	YES															
gamma-Chlordane	199		ug/Kg	U	YES															
gamma-Chlordane	199		ug/Kg	U	YES															
Heptachlor	199		ug/Kg	U	YES															
Heptachlor	199		ug/Kg	U	YES															
Heptachlor epoxide	199		ug/Kg	U	YES															
Heptachlor epoxide	199		ug/Kg	U	YES															
Methoxychlor	199		ug/Kg	U	YES															
Methoxychlor	199		ug/Kg	U	YES															
Toxaphene	663		ug/Kg	U	YES															
Toxaphene	663		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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4802

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879042

Lab Report Batch : 31101879
 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	3.84		mg/kg		YES															
Barium	72.5		mg/kg		YES															
Cadmium	0.736		mg/kg		YES															
Chromium	3.28		mg/kg		YES															
Lead	16.1		mg/kg		YES	J						J								
Selenium	1.82		mg/kg	U	YES															
Silver	0.321		mg/kg	J	YES	U							U							
Analysis Method : 7471B			Dilution: 1																	
Mercury	0.00475		mg/kg	J	YES															
Analysis Method : 8151			Dilution: 1																	
2,4,5-T	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															
2,4-DB	0.0165		mg/kg	U	YES															
Dicamba	0.0165		mg/kg	U	YES															
Analysis Method : 8260B			Dilution: 1																	
1,1,1,2-Tetrachloroethane	4.12		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.12		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.12		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.12		ug/Kg	U	YES															
1,1-Dichloroethane	4.12		ug/Kg	U	YES															
1,1-Dichloroethene	4.12		ug/Kg	U	YES															
1,1-Dichloropropene	4.12		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.12		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.12		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.12		ug/Kg	U	YES	UJ							UJ							
1,2,4-Trimethylbenzene	4.12		ug/Kg	U	YES	UJ							UJ							

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

Library Used: CampCarroll

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Report Date: 9/6/2011 08:22

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4803

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879042

Lab Report Batch : 31101879
 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 ^a	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-Dibromo-3-chloropropane	24.7		ug/Kg	U	YES															
1,2-Dibromoethane	4.12		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.12		ug/Kg	U	YES															
1,2-Dichloroethane	4.12		ug/Kg	U	YES															
1,2-Dichloropropane	4.12		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.12		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.12		ug/Kg	U	YES															
1,3-Dichloropropane	4.12		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.12		ug/Kg	U	YES															
2,2-Dichloropropane	4.12		ug/Kg	U	YES															
2-Butanone	6.96		ug/Kg	J	YES	J					J		J							
2-Chlorotoluene	4.12		ug/Kg	U	YES															
2-Hexanone	10.3		ug/Kg	U	YES															
4-Chlorotoluene	4.12		ug/Kg	U	YES															
4-Isopropyltoluene	4.12		ug/Kg	U	YES															
4-Methyl-2-pentanone	10.3		ug/Kg	U	YES															
Acetone	79.0		ug/Kg	YES	YES	J					J		J							
Benzene	4.12		ug/Kg	U	YES															
Bromobenzene	4.12		ug/Kg	U	YES															
Bromochloromethane	4.12		ug/Kg	U	YES															
Bromodichloromethane	4.12		ug/Kg	U	YES															
Bromoform	4.12		ug/Kg	U	YES															
Bromomethane	4.12		ug/Kg	U	YES															
Carbon disulfide	4.12		ug/Kg	U	YES															
Carbon tetrachloride	4.12		ug/Kg	U	YES															
Chlorobenzene	4.12		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 08:22

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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

4804

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879042

Lab Report Batch : 31101879
 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																				
Chloroethane	4.12		ug/Kg	U	YES															
Chloroform	4.12		ug/Kg	U	YES															
Chloromethane	4.12		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.12		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.12		ug/Kg	U	YES															
Dibromochloromethane	4.12		ug/Kg	U	YES															
Dibromomethane	4.12		ug/Kg	U	YES															
Dichlorodifluoromethane	4.12		ug/Kg	U	YES															
Ethyl Benzene	4.12		ug/Kg	U	YES															
Hexachlorobutadiene	4.12		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.12		ug/Kg	U	YES															
m,p-Xylene	8.25		ug/Kg	U	YES															
Methyl iodide	0.990		ug/Kg	J	YES	J							J							
Methylene chloride	1.30		ug/Kg	J	YES	UJ			U				J							
Naphthalene	4.12		ug/Kg	U	YES	UJ					UJ									
n-Butylbenzene	4.12		ug/Kg	U	YES															
n-Propylbenzene	4.12		ug/Kg	U	YES															
o-Xylene	4.12		ug/Kg	U	YES															
sec-Butylbenzene	4.12		ug/Kg	U	YES															
Styrene	4.12		ug/Kg	U	YES	UJ					UJ									
tert-Butyl methyl ether (MTBE)	4.12		ug/Kg	U	YES															
tert-Butylbenzene	4.12		ug/Kg	U	YES															
Tetrachloroethene	3.33		ug/Kg	J	YES	J							J							
Toluene	4.12		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.12		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.12		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 08:22

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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

4805

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879042

Lab Report Batch : 31101879
 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																				
trans-1,4-Dichloro-2-butene	20.6		ug/Kg	U	YES															
Trichloroethene	4.12		ug/Kg	U	YES															
Trichlorofluoromethane	4.12		ug/Kg	U	YES	UJ					UJ									
Vinyl chloride	4.12		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	333		ug/Kg	U	YES															
1,2-Dichlorobenzene	333		ug/Kg	U	YES															
1,3-Dichlorobenzene	333		ug/Kg	U	YES															
1,4-Dichlorobenzene	333		ug/Kg	U	YES															
2,4,5-Trichlorophenol	333		ug/Kg	U	YES															
2,4,6-Trichlorophenol	333		ug/Kg	U	YES															
2,4-Dichlorophenol	333		ug/Kg	U	YES															
2,4-Dimethylphenol	333		ug/Kg	U	YES															
2,4-Dinitrotoluene	333		ug/Kg	U	YES															
2,6-Dinitrotoluene	333		ug/Kg	U	YES															
2-Chloronaphthalene	333		ug/Kg	U	YES															
2-Chlorophenol	333		ug/Kg	U	YES															
2-Methylnaphthalene	333		ug/Kg	U	YES															
2-Methylphenol	333		ug/Kg	U	YES															
2-Nitroaniline	333		ug/Kg	U	YES															
2-Nitrophenol	333		ug/Kg	U	YES															
3 and/or 4-Methylphenol	333		ug/Kg	U	YES															
3-Nitroaniline	333		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	333		ug/Kg	U	YES															
4-Chloro-3-methylphenol	333		ug/Kg	U	YES															
4-Chloroaniline	333		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	333		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 08:22

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4806

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879042

Lab Report Batch : 31101879
 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																				
4-Nitroaniline	333		ug/Kg	U	YES															
4-Nitrophenol	333		ug/Kg	U	YES															
Acenaphthene	333		ug/Kg	U	YES															
Acenaphthylene	333		ug/Kg	U	YES															
Anthracene	333		ug/Kg	U	YES															
Benzo(a)anthracene	333		ug/Kg	U	YES															
Benzo(a)pyrene	333		ug/Kg	U	YES															
Benzo(b)fluoranthene	333		ug/Kg	U	YES															
Benzo(g,h,i)perylene	333		ug/Kg	U	YES															
Benzo(k)fluoranthene	333		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	333		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	333		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	333		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	333		ug/Kg	U	YES															
Butyl benzyl phthalate	333		ug/Kg	U	YES															
Chrysene	333		ug/Kg	U	YES															
Dibenz(a,h)anthracene	333		ug/Kg	U	YES															
Dibenzofuran	333		ug/Kg	U	YES															
Diethyl phthalate	333		ug/Kg	U	YES															
Dimethyl phthalate	333		ug/Kg	U	YES															
Di-n-butyl phthalate	333		ug/Kg	U	YES															
Di-n-octyl phthalate	333		ug/Kg	U	YES															
Fluoranthene	333		ug/Kg	U	YES															
Fluorene	333		ug/Kg	U	YES															
Hexachlorobenzene	333		ug/Kg	U	YES															
Hexachlorobutadiene	333		ug/Kg	U	YES															

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

Library Used: CampCarroll

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4807

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879042

Lab Report Batch : 31101879
 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																				
Hexachlorocyclopentadiene	333		ug/Kg	U	YES															
Hexachloroethane	333		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	333		ug/Kg	U	YES															
Isophorone	333		ug/Kg	U	YES															
Naphthalene	333		ug/Kg	U	YES															
Nitrobenzene	333		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	333		ug/Kg	U	YES															
Pentachlorophenol	333		ug/Kg	U	YES															
Phenanthrene	333		ug/Kg	U	YES															
Phenol	333		ug/Kg	U	YES															
Pyrene	333		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 08:22

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4808

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879043

Lab Report Batch : 31101879
 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	4.83		mg/kg		YES															
Barium	409		mg/kg		YES															
Cadmium	0.847		mg/kg		YES															
Chromium	4.17		mg/kg		YES															
Lead	9.37		mg/kg		YES	J						J								
Selenium	1.35		mg/kg	J	YES															
Silver	0.509		mg/kg	J	YES	U			U											
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.00109		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	10.3		ug/Kg	U	YES															
alpha-BHC	10.3		ug/Kg	U	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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:22

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4809

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879043

Lab Report Batch : 31101879
 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	10.3		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)	2.20		ug/Kg	J	YES															
gamma-BHC (Lindane)	2.20		ug/Kg	J	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

4810

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S2

Lab Report Batch : 31101879

Lab ID : SGSW

Sample Date : 07/15/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101879043

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 Tol/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	0.0172		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0172		mg/kg	U	YES															
2,4'-D	0.0172		mg/kg	U	YES															
2,4-DB	0.0172		mg/kg	U	YES															
Dicamba	0.0172		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.75		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.75		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.75		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.75		ug/Kg	U	YES															
1,1-Dichloroethane	4.75		ug/Kg	U	YES															
1,1-Dichloroethene	4.75		ug/Kg	U	YES															
1,1-Dichloropropene	4.75		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.75		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.75		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.75		ug/Kg	U	YES	UJ						UJ								
1,2,4-Trimethylbenzene	4.75		ug/Kg	U	YES	UJ						UJ								
1,2-Dibromo-3-chloropropane	28.5		ug/Kg	U	YES															
1,2-Dibromoethane	4.75		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.75		ug/Kg	U	YES															
1,2-Dichloroethane	4.75		ug/Kg	U	YES															
1,2-Dichloropropane	4.75		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.75		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.75		ug/Kg	U	YES															
1,3-Dichloropropane	4.75		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

4811

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879043

Lab Report Batch : 31101879
 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																				
1,4-Dichlorobenzene	4.75		ug/Kg	U	YES															
2,2-Dichloropropane	4.75		ug/Kg	U	YES															
2-Butanone	2.21		ug/Kg	J	YES	J					J		J							
2-Chlorotoluene	4.75		ug/Kg	U	YES															
2-Hexanone	11.9		ug/Kg	U	YES															
4-Chlorotoluene	4.75		ug/Kg	U	YES															
4-Isopropyltoluene	4.75		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.9		ug/Kg	U	YES															
Acetone	12.2		ug/Kg	J	YES	J					J		J							
Benzene	4.75		ug/Kg	U	YES															
Bromobenzene	4.75		ug/Kg	U	YES															
Bromochloromethane	4.75		ug/Kg	U	YES															
Bromodichloromethane	4.75		ug/Kg	U	YES															
Bromofom	4.75		ug/Kg	U	YES															
Bromomethane	4.75		ug/Kg	U	YES															
Carbon disulfide	4.75		ug/Kg	U	YES															
Carbon tetrachloride	4.75		ug/Kg	U	YES															
Chlorobenzene	4.75		ug/Kg	U	YES															
Chloroethane	4.75		ug/Kg	U	YES															
Chloroform	4.75		ug/Kg	U	YES															
Chloromethane	4.75		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.75		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.75		ug/Kg	U	YES															
Dibromochloromethane	4.75		ug/Kg	U	YES															
Dibromomethane	4.75		ug/Kg	U	YES															
Dichlorodifluoromethane	4.75		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

4812

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879043

Lab Report Batch : 31101879
 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																				
Ethyl Benzene	4.75		ug/Kg	U	YES															
Hexachlorobutadiene	4.75		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.75		ug/Kg	U	YES															
m,p-Xylene	9.60		ug/Kg	U	YES															
Methyl iodide	4.75		ug/Kg	U	YES															
Methylene chloride	1.05		ug/Kg	J	YES	UJ			U				J							
Naphthalene	4.75		ug/Kg	U	YES	UJ					UJ									
n-Butylbenzene	4.75		ug/Kg	U	YES															
n-Propylbenzene	4.75		ug/Kg	U	YES															
o-Xylene	4.75		ug/Kg	U	YES															
sec-Butylbenzene	4.75		ug/Kg	U	YES															
Styrene	4.75		ug/Kg	U	YES	UJ					UJ									
tert-Butyl methyl ether (MTBE)	4.75		ug/Kg	U	YES															
tert-Butylbenzene	4.75		ug/Kg	U	YES															
Tetrachloroethene	4.28		ug/Kg	J	YES	J							J							
Toluene	4.75		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.75		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.75		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	23.8		ug/Kg	U	YES															
Trichloroethene	4.75		ug/Kg	U	YES															
Trichlorofluoromethane	4.75		ug/Kg	U	YES	UJ					UJ									
Vinyl chloride	4.75		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	342		ug/Kg	U	YES															
1,2-Dichlorobenzene	342		ug/Kg	U	YES															
1,3-Dichlorobenzene	342		ug/Kg	U	YES															
1,4-Dichlorobenzene	342		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

4813

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879043

Lab Report Batch : 31101879
 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																				
2,4,5-Trichlorophenol	342		ug/Kg	U	YES															
2,4,6-Trichlorophenol	342		ug/Kg	U	YES															
2,4-Dichlorophenol	342		ug/Kg	U	YES															
2,4-Dimethylphenol	342		ug/Kg	U	YES															
2,4-Dinitrotoluene	342		ug/Kg	U	YES															
2,6-Dinitrotoluene	342		ug/Kg	U	YES															
2-Chloronaphthalene	342		ug/Kg	U	YES															
2-Chlorophenol	342		ug/Kg	U	YES															
2-Methylnaphthalene	342		ug/Kg	U	YES															
2-Methylphenol	342		ug/Kg	U	YES															
2-Nitroaniline	342		ug/Kg	U	YES															
2-Nitrophenol	342		ug/Kg	U	YES															
3 and/or 4-Methylphenol	342		ug/Kg	U	YCC															
3-Nitroaniline	342		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	342		ug/Kg	U	YES															
4-Chloro-3-methylphenol	342		ug/Kg	U	YES															
4-Chloroaniline	342		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	342		ug/Kg	U	YES															
4-Nitroaniline	342		ug/Kg	U	YES															
4-Nitrophenol	342		ug/Kg	U	YES															
Acenaphthene	342		ug/Kg	U	YES															
Acenaphthylene	342		ug/Kg	U	YES															
Anthracene	342		ug/Kg	U	YES															
Benzo(a)anthracene	342		ug/Kg	U	YES															
Benzo(a)pyrene	342		ug/Kg	U	YES															
Benzo(b)fluoranthene	342		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

4814

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879043

Lab Report Batch : 31101879
 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																				
Benzo(g,h,i)perylene	342		ug/Kg	U	YES															
Benzo(k)fluoranthene	342		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	342		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	342		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	342		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	30.7		ug/Kg	J	YES															
Butyl benzyl phthalate	342		ug/Kg	U	YES															
Chrysene	342		ug/Kg	U	YES															
Dibenz(a,h)anthracene	342		ug/Kg	U	YES															
Dibenzofuran	342		ug/Kg	U	YES															
Diethyl phthalate	342		ug/Kg	U	YES															
Dimethyl phthalate	342		ug/Kg	U	YES															
Di-n-butyl phthalate	342		ug/Kg	U	YES															
Di-n-octyl phthalate	342		ug/Kg	U	YES															
Fluoranthene	342		ug/Kg	U	YES															
Fluorene	342		ug/Kg	U	YES															
Hexachlorobenzene	342		ug/Kg	U	YES															
Hexachlorobutadiene	342		ug/Kg	U	YES															
Hexachlorocyclopentadiene	342		ug/Kg	U	YES															
Hexachloroethane	342		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	342		ug/Kg	U	YES															
Isophorone	342		ug/Kg	U	YES															
Naphthalene	342		ug/Kg	U	YES															
Nitrobenzene	342		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	342		ug/Kg	U	YES															
Pentachlorophenol	342		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

4815

Sample Qualification Report (All Analytes)

Client Sample ID : E11-121-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879043

Lab Report Batch : 31101879
 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 / GCV
Analysis Method : 8270D																				
Dilution: 1																				
Phenanthrene	342		ug/Kg	U	YES															
Phenol	342		ug/Kg	U	YES															
Pyrene	342		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

4816

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879022

Lab Report Batch : 31101879
 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 : 6D10C																				
Dilution: 1																				
Arsenic	3.39		mg/kg		YES	J						J								
Barium	79.6		mg/kg		YES	J						J								
Cadmium	0.711		mg/kg		YES	J						J								
Chromium	4.28		mg/kg		YES	J						J								
Lead	12.6		mg/kg		YES	J						J								
Selenium	2.15		mg/kg	U	YES															
Silver	0.215		mg/kg	J	YES	U			U											
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.00308		mg/kg	J	YES	U			U											
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	10.5		ug/kg	U	YES															
4,4'-DDE	10.5		ug/kg	U	YES															
4,4'-DDT	10.5		ug/kg	U	YES															
Aldrin	10.5		ug/kg	U	YES															
alpha-BHC	10.5		ug/kg	U	YES															
alpha-Chlordane	10.5		ug/kg	U	YES															
beta-BHC	10.5		ug/kg	U	YES															
Chlordane	35.0		ug/kg	U	YES															
delta-BHC	10.5		ug/kg	U	YES															
Dieldrin	10.5		ug/kg	U	YES															
Endosulfan I	10.5		ug/kg	U	YES															
Endosulfan II	10.5		ug/kg	U	YES															
Endosulfan sulfate	10.5		ug/kg	U	YES															
Endrin	10.5		ug/kg	U	YES															
Endrin aldehyde	10.5		ug/kg	U	YES															
Endrin ketone	10.5		ug/kg	U	YES															
gamma-BHC (Lindane)	10.5		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

4817

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879022

Lab Report Batch : 31101879
 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																				
gamma-Chlordane	10.5		ug/Kg	U	YES															
Heptachlor	10.5		ug/Kg	U	YES															
Heptachlor epoxide	10.5		ug/Kg	U	YES															
Methoxychlor	10.5		ug/Kg	U	YES															
Toxaphene	35.0		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0175		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0175		mg/kg	U	YES	UJ						UJ								
2,4'-D	0.0175		mg/kg	U	YES	UJ						UJ								
2,4-DB	0.0175		mg/kg	U	YES															
Dicamba	0.0175		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.62		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.62		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.62		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.62		ug/Kg	U	YES															
1,1-Dichloroethane	4.62		ug/Kg	U	YES															
1,1-Dichloroethene	4.62		ug/Kg	U	YES															
1,1-Dichloropropene	4.62		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.62		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.62		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.62		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.62		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	27.7		ug/Kg	U	YES															
1,2-Dibromoethane	4.62		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.62		ug/Kg	U	YES															
1,2-Dichloroethane	4.62		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

4818

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879022

Lab Report Batch : 31101879
 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 Tot/Dls	Field QC	Tune	IC	ICV	CV/ CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dichloropropane	4.62		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.62		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.62		ug/Kg	U	YES															
1,3-Dichloropropane	4.62		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.62		ug/Kg	U	YES															
2,2-Dichloropropane	4.62		ug/Kg	U	YES															
2-Butanone	26.2		ug/Kg		YES	J							J							
2-Chlorotoluene	4.62		ug/Kg	U	YES															
2-Hexanone	11.5		ug/Kg	U	YES															
4-Chlorotoluene	4.62		ug/Kg	U	YES															
4-Isopropyltoluene	4.62		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.5		ug/Kg	U	YES															
Acetone	179		ug/Kg		YES	J							J							
Benzene	0.896		ug/Kg	J	YES	J							J							
Bromobenzene	4.62		ug/Kg	U	YES															
Bromochloromethane	4.62		ug/Kg	U	YES															
Bromodichloromethane	4.62		ug/Kg	U	YES															
Bromoform	4.62		ug/Kg	U	YES															
Bromomethane	4.62		ug/Kg	U	YES															
Carbon disulfide	4.62		ug/Kg	U	YES															
Carbon tetrachloride	4.62		ug/Kg	U	YES															
Chlorobenzene	4.62		ug/Kg	U	YES															
Chloroethane	4.62		ug/Kg	U	YES															
Chloroform	4.62		ug/Kg	U	YES															
Chloromethane	4.62		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.62		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

4819

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879022

Lab Report Batch : 31101879
 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-1,3-Dichloropropene	4.62		ug/Kg	U	YES															
Dibromochloromethane	4.62		ug/Kg	U	YES															
Dibromomethane	4.62		ug/Kg	U	YES															
Dichlorodifluoromethane	4.62		ug/Kg	U	YES															
Ethyl Benzene	4.62		ug/Kg	U	YES															
Hexachlorobutadiene	4.62		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.62		ug/Kg	U	YES															
m,p-Xylene	9.24		ug/Kg	U	YES															
Methyl iodide	2.26		ug/Kg	J	YES	J							J							
Methylene chloride	1.63		ug/Kg	J	YES	UJ			U				J							
Naphthalene	4.62		ug/Kg	U	YES															
n-Butylbenzene	4.62		ug/Kg	U	YES															
n-Propylbenzene	4.62		ug/Kg	U	YES															
o-Xylene	4.62		ug/Kg	U	YES															
sec-Butylbenzene	4.62		ug/Kg	U	YES															
Styrene	4.62		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.62		ug/Kg	U	YES															
tert-Butylbenzene	4.62		ug/Kg	U	YES															
Tetrachloroethene	4.62		ug/Kg	U	YES															
Toluene	4.62		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.62		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.62		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	23.1		ug/Kg	U	YES															
Trichloroethene	4.62		ug/Kg	U	YES															
Trichlorofluoromethane	4.62		ug/Kg	U	YES															
Vinyl chloride	4.62		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				

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

4820

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879022

Lab Report Batch : 31101879
 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																				
1,2,4-Trichlorobenzene	353		ug/Kg	U	YES															
1,2-Dichlorobenzene	353		ug/Kg	U	YES															
1,3-Dichlorobenzene	353		ug/Kg	U	YES															
1,4-Dichlorobenzene	353		ug/Kg	U	YES															
2,4,5-Trichlorophenol	353		ug/Kg	U	YES															
2,4,6-Trichlorophenol	353		ug/Kg	U	YES															
2,4-Dichlorophenol	353		ug/Kg	U	YES															
2,4-Dimethylphenol	353		ug/Kg	U	YES															
2,4-Dinitrotoluene	353		ug/Kg	U	YES															
2,6-Dinitrotoluene	353		ug/Kg	U	YES															
2-Chloronaphthalene	353		ug/Kg	U	YES															
2-Chlorophenol	353		ug/Kg	U	YES															
2-Methylnaphthalene	353		ug/Kg	U	YES															
2-Methylphenol	353		ug/Kg	U	YES															
2-Nitroaniline	353		ug/Kg	U	YES															
2-Nitrophenol	353		ug/Kg	U	YES															
3 and/or 4-Methylphenol	353		ug/Kg	U	YES															
3-Nitroaniline	353		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	353		ug/Kg	U	YES															
4-Chloro-3-methylphenol	353		ug/Kg	U	YES															
4-Chloroaniline	353		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	353		ug/Kg	U	YES															
4-Nitroaniline	353		ug/Kg	U	YES															
4-Nitrophenol	353		ug/Kg	U	YES															
Acenaphthene	353		ug/Kg	U	YES															
Acenaphthylene	353		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

4821

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879022

Lab Report Batch : 31101879
 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 : 8270D																				
Dilution: 1																				
Anthracene	353		ug/Kg	U	YES															
Benzo(a)anthracene	353		ug/Kg	U	YES															
Benzo(a)pyrene	353		ug/Kg	U	YES															
Benzo(b)fluoranthene	353		ug/Kg	U	YES															
Benzo(g,h,i)perylene	353		ug/Kg	U	YES															
Benzo(k)fluoranthene	353		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	353		ug/Kg	U	YES															
Bis(2-Chloroethoxy)ether	353		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	353		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	28.1		ug/Kg	J	YES															
Butyl benzyl phthalate	353		ug/Kg	U	YES															
Chrysene	353		ug/Kg	U	YES															
Dibenz(a,h)anthracene	353		ug/Kg	U	YES															
Dibenzofuran	353		ug/Kg	U	YES															
Diethyl phthalate	353		ug/Kg	U	YES															
Dimethyl phthalate	353		ug/Kg	U	YES															
Di-n-butyl phthalate	353		ug/Kg	U	YES															
Di-n-octyl phthalate	353		ug/Kg	U	YES															
Fluoranthene	35.2		ug/Kg	J	YES															
Fluorene	353		ug/Kg	U	YES															
Hexachlorobenzene	353		ug/Kg	U	YES															
Hexachlorobutadiene	353		ug/Kg	U	YES															
Hexachlorocyclopentadiene	353		ug/Kg	U	YES															
Hexachloroethane	353		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	353		ug/Kg	U	YES															
Isophorone	353		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

4822

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879022

Lab Report Batch : 31101879
 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																				
Naphthalene	353		ug/Kg	U	YES															
Nitrobenzene	353		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	353		ug/Kg	U	YES															
Pentachlorophenol	353		ug/Kg	U	YCC															
Phenanthrene	353		ug/Kg	U	YES															
Phenol	353		ug/Kg	U	YES															
Pyrene	353		ug/Kg	U	YES															

48 23

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879023

Lab Report Batch : 31101879
 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 / GCV
Analysis Method : 6010C																				
Dilution: 1																				
Arsenic	3.32		mg/kg		YES															
Barium	115		mg/kg		YES															
Cadmium	0.607		mg/kg		YES	U			U											
Chromium	2.40		mg/kg		YES															
Lead	11.4		mg/kg		YES	J						J								
Selenium	0.647		mg/kg	J	YES															
Silver	0.381		mg/kg	J	YES	U			U											
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0214		mg/kg	U	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	10.5		ug/kg	U	YES															
4,4'-DDE	10.5		ug/kg	U	YES															
4,4'-DDT	10.5		ug/kg	U	YES															
Aldrin	10.5		ug/kg	U	YES															
alpha-BHC	10.5		ug/kg	U	YES															
alpha-Chlordane	10.5		ug/kg	U	YES															
beta-BHC	10.5		ug/kg	U	YES															
Chlordane	35.1		ug/kg	U	YES															
delta-BHC	10.5		ug/kg	U	YES															
Dieldrin	10.5		ug/kg	U	YES															
Endosulfan I	10.5		ug/kg	U	YES															
Endosulfan II	10.5		ug/kg	U	YES															
Endosulfan sulfate	10.5		ug/kg	U	YES															
Endrin	10.5		ug/kg	U	YES															
Endrin aldehyde	10.5		ug/kg	U	YES															
Endrin ketone	10.5		ug/kg	U	YES															
gamma-BHC (Lindane)	10.5		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

4824

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S2

Lab Report Batch : 31101879

Lab ID : SGSW

Sample Date : 07/14/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101879023

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																				
gamma-Chlordane	10.5		ug/Kg	U	YES															
Heptachlor	10.5		ug/Kg	U	YES															
Heptachlor epoxide	10.5		ug/Kg	U	YES															
Methoxychlor	10.5		ug/Kg	U	YES															
Toxaphene	35.1		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0175		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0175		mg/kg	U	YES															
2,4'-D	0.0175		mg/kg	U	YES															
2,4-DB	0.0175		mg/kg	U	YES															
Dicamba	0.0175		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.67		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.67		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.67		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.67		ug/Kg	U	YES															
1,1-Dichloroethane	4.67		ug/Kg	U	YES															
1,1-Dichloroethene	4.67		ug/Kg	U	YES															
1,1-Dichloropropene	4.67		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.67		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.67		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.67		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.67		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	28.0		ug/Kg	U	YES															
1,2-Dibromoethane	4.67		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.67		ug/Kg	U	YES															
1,2-Dichloroethane	4.67		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

4825

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879023

Lab Report Batch : 31101879
 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-Dichloropropane	4.67		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.67		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.67		ug/Kg	U	YES															
1,3-Dichloropropane	4.67		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.67		ug/Kg	U	YES															
2,2-Dichloropropane	4.67		ug/Kg	U	YES															
2-Butanone	23.4		ug/Kg	U	YES															
2-Chlorotoluene	4.67		ug/Kg	U	YES															
2-Hexanone	11.7		ug/Kg	U	YES															
4-Chlorotoluene	4.67		ug/Kg	U	YES															
4-Isopropyltoluene	4.67		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.7		ug/Kg	U	YES															
Acetone	8.26		ug/Kg	J	YES	J							J							
Benzene	4.67		ug/Kg	U	YES															
Bromobenzene	4.67		ug/Kg	U	YES															
Bromochloromethane	4.67		ug/Kg	U	YES															
Bromodichloromethane	4.67		ug/Kg	U	YES															
Bromoform	4.67		ug/Kg	U	YES															
Bromomethane	4.67		ug/Kg	U	YES															
Carbon disulfide	4.67		ug/Kg	U	YES															
Carbon tetrachloride	4.67		ug/Kg	U	YES															
Chlorobenzene	4.67		ug/Kg	U	YES															
Chloroethane	4.67		ug/Kg	U	YES															
Chloroform	4.67		ug/Kg	U	YES															
Chloromethane	4.67		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.67		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

4826

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879023

Lab Report Batch : 31101879
 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-1,3-Dichloropropene	4.67		ug/Kg	U	YES															
Dibromochloromethane	4.67		ug/Kg	U	YES															
Dibromomethane	4.67		ug/Kg	U	YES															
Dichlorodifluoromethane	4.67		ug/Kg	U	YES															
Ethyl Benzene	4.67		ug/Kg	U	YES															
Hexachlorobutadiene	4.67		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.67		ug/Kg	U	YES															
m,p-Xylene	9.35		ug/Kg	U	YES															
Methyl iodide	4.67		ug/Kg	U	YES															
Methylene chloride	1.33		ug/Kg	J	YES	UJ			U					J						
Naphthalene	4.67		ug/Kg	U	YES															
n-Butylbenzene	4.67		ug/Kg	U	YES															
n-Propylbenzene	4.67		ug/Kg	U	YES															
o-Xylene	4.67		ug/Kg	U	YES															
sec-Butylbenzene	4.67		ug/Kg	U	YES															
Styrene	4.67		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.67		ug/Kg	U	YES															
tert-Butylbenzene	4.67		ug/Kg	U	YES															
Tetrachloroethene	4.67		ug/Kg	U	YES															
Toluene	4.67		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.67		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.67		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	23.4		ug/Kg	U	YES															
Trichloroethene	4.67		ug/Kg	U	YES															
Trichlorofluoromethane	4.67		ug/Kg	U	YES															
Vinyl chloride	4.67		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				

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

4827

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879023

Lab Report Batch : 31101879
 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																				
1,2,4-Trichlorobenzene	348		ug/Kg	U	YES															
1,2-Dichlorobenzene	348		ug/Kg	U	YES															
1,3-Dichlorobenzene	348		ug/Kg	U	YES															
1,4-Dichlorobenzene	348		ug/Kg	U	YES															
2,4,5-Trichlorophenol	348		ug/Kg	U	YES															
2,4,6-Trichlorophenol	348		ug/Kg	U	YES															
2,4-Dichlorophenol	348		ug/Kg	U	YES															
2,4-Dimethylphenol	348		ug/Kg	U	YES															
2,4-Dinitrotoluene	348		ug/Kg	U	YES															
2,6-Dinitrotoluene	348		ug/Kg	U	YES															
2-Chloronaphthalene	348		ug/Kg	U	YES															
2-Chlorophenol	348		ug/Kg	U	YES															
2-Methylnaphthalene	348		ug/Kg	U	YES															
2-Methylphenol	348		ug/Kg	U	YES															
2-Nitroaniline	348		ug/Kg	U	YES															
2-Nitrophenol	348		ug/Kg	U	YES															
3 and/or 4-Methylphenol	348		ug/Kg	U	YES															
3-Nitroaniline	348		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	348		ug/Kg	U	YES															
4-Chloro-3-methylphenol	348		ug/Kg	U	YES															
4-Chloroaniline	348		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	348		ug/Kg	U	YES															
4-Nitroaniline	348		ug/Kg	U	YES															
4-Nitrophenol	348		ug/Kg	U	YES															
Acenaphthene	348		ug/Kg	U	YES															
Acenaphthylene	348		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 08:22

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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

4828

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879023

Lab Report Batch : 31101879
 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																				
Anthracene	348		ug/Kg	U	YES															
Benzo(a)anthracene	348		ug/Kg	U	YES															
Benzo(a)pyrene	348		ug/Kg	U	YES															
Benzo(b)fluoranthene	348		ug/Kg	U	YES															
Benzo(g,h)perylene	348		ug/Kg	U	YES															
Benzo(k)fluoranthene	348		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	348		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	348		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	348		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	348		ug/Kg	U	YES															
Butyl benzyl phthalate	348		ug/Kg	U	YES															
Chrysene	348		ug/Kg	U	YES															
Dibenz(a,h)anthracene	348		ug/Kg	U	YES															
Dibenzofuran	348		ug/Kg	U	YES															
Diethyl phthalate	348		ug/Kg	U	YES															
Dimethyl phthalate	348		ug/Kg	U	YES															
Di-n-butyl phthalate	348		ug/Kg	U	YES															
Di-n-octyl phthalate	348		ug/Kg	U	YES															
Fluorene	348		ug/Kg	U	YES															
Hexachlorobenzene	348		ug/Kg	U	YES															
Hexachlorobutadiene	348		ug/Kg	U	YES															
Hexachlorocyclopentadiene	348		ug/Kg	U	YES															
Hexachloroethane	348		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	348		ug/Kg	U	YES															
Isophorone	348		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

4829

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S2

Lab Report Batch : 31101879

Lab ID : SGSW

Sample Date : 07/14/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101879023

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														
Naphthalene	348		ug/Kg	U	YES															
Nitrobenzene	348		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	348		ug/Kg	U	YES															
Pentachlorophenol	348		ug/Kg	U	YES															
Phenanthrene	348		ug/Kg	U	YES															
Phenol	348		ug/Kg	U	YES															
Pyrene	348		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 08:22

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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

4830

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S3
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879024

Lab Report Batch : 31101879
 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	3.06		mg/kg		YES															
Barium	89.6		mg/kg		YES															
Cadmium	0.567		mg/kg		YES	U							U							
Chromium	2.06		mg/kg		YES															
Lead	5.11		mg/kg		YES	J							J							
Selenium	2.00		mg/kg	U	YES															
Silver	0.424		mg/kg	J	YES	U							U							
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0189		mg/kg	U	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	10.1		ug/Kg	U	YES															
4,4'-DDE	10.1		ug/Kg	U	YES															
4,4' DDT	10.1		ug/Kg	U	YES															
Aldrin	10.1		ug/Kg	U	YES															
alpha-BHC	10.1		ug/Kg	U	YES															
alpha-Chlordane	10.1		ug/Kg	U	YES															
beta-BHC	10.1		ug/Kg	U	YES															
Chlordane	33.6		ug/Kg	U	YES															
delta-BHC	10.1		ug/Kg	U	YES															
Dieldrin	10.1		ug/Kg	U	YES															
Endosulfan I	10.1		ug/Kg	U	YES															
Endosulfan II	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															

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

4831

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S3
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879024

Lab Report Batch : 31101879
 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														
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															
Analysis Method : 8151						Dilution: 1														
2,4,5-T	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-DB	0.0169		mg/kg	U	YES															
Dicamba	0.0169		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-Dichloropropene	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															
1,2,4-Trimethylbenzene	4.60		ug/Kg	U	YES															
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															
1,2-Dichloroethane	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

4832

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S3
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879024

Lab Report Batch : 31101879
 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-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	6.63		ug/Kg	J	YES	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															
cis-1,2-Dichloroethene	4.60		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 08:22

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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

4833

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S3
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879024

Lab Report Batch : 31101879
 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-1,3-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															
Isopropylbenzene (Cumene)	4.60		ug/Kg	U	YES															
m,p-Xylene	9.19		ug/Kg	U	YES															
Methyl iodide	4.60		ug/Kg	U	YES															
Methylene chloride	1.24		ug/Kg	J	YES	UJ			U					J						
Naphthalene	4.60		ug/Kg	U	YES															
n-Butylbenzene	4.60		ug/Kg	U	YES															
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															
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															
Vinyl chloride	4.60		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				

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

4834

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S3
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879024

Lab Report Batch : 31101879
 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 : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	342		ug/Kg	U	YES															
1,2-Dichlorobenzene	342		ug/Kg	U	YES															
1,3-Dichlorobenzene	342		ug/Kg	U	YES															
1,4-Dichlorobenzene	342		ug/Kg	U	YES															
2,4,5-Trichlorophenol	342		ug/Kg	U	YES															
2,4,6-Trichlorophenol	342		ug/Kg	U	YES															
2,4-Dichlorophenol	342		ug/Kg	U	YES															
2,4-Dimethylphenol	342		ug/Kg	U	YES															
2,4-Dinitrotoluene	342		ug/Kg	U	YES															
2,6-Dinitrotoluene	342		ug/Kg	U	YES															
2-Chloronaphthalene	342		ug/Kg	U	YES															
2-Chlorophenol	342		ug/Kg	U	YES															
2-Methylnaphthalene	342		ug/Kg	U	YES															
2-Methylphenol	342		ug/Kg	U	YES															
2-Nitroaniline	342		ug/Kg	U	YES															
2-Nitrophenol	342		ug/Kg	U	YES															
3 and/or 4-Methylphenol	342		ug/Kg	U	YES															
3-Nitroaniline	342		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	342		ug/Kg	U	YES															
4-Chloro-3-methylphenol	342		ug/Kg	U	YES															
4-Chloroaniline	342		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	342		ug/Kg	U	YES															
4-Nitroaniline	342		ug/Kg	U	YES															
4-Nitrophenol	342		ug/Kg	U	YES															
Acenaphthene	342		ug/Kg	U	YES															
Acenaphthylene	342		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

4835

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S3
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879024

Lab Report Batch : 31101879
 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																				
Anthracene	342		ug/Kg	U	YES															
Benzo(a)anthracene	342		ug/Kg	U	YES															
Benzo(a)pyrene	342		ug/Kg	U	YES															
Benzo(b)fluoranthene	342		ug/Kg	U	YES															
Benzo(g,h,i)perylene	342		ug/Kg	U	YES															
Benzo(k)fluoranthene	342		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	342		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	342		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	342		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	342		ug/Kg	U	YES															
Butyl benzyl phthalate	342		ug/Kg	U	YES															
Chrysene	342		ug/Kg	U	YES															
Dibenz(a,h)anthracene	342		ug/Kg	U	YES															
Dibenzofuran	342		ug/Kg	U	YES															
Diethyl phthalate	342		ug/Kg	U	YES															
Dimethyl phthalate	342		ug/Kg	U	YES															
Di-n-butyl phthalate	342		ug/Kg	U	YES															
Di-n-octyl phthalate	342		ug/Kg	U	YES															
Fluoranthene	342		ug/Kg	U	YES															
Fluorene	342		ug/Kg	U	YES															
Hexachlorobenzene	342		ug/Kg	U	YES															
Hexachlorobutadiene	342		ug/Kg	U	YES															
Hexachlorocyclopentadiene	342		ug/Kg	U	YES															
Hexachloroethane	342		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	342		ug/Kg	U	YES															
Isophorone	342		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 08:22

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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

4836

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S3
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879024

Lab Report Batch : 31101879
 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																				
Naphthalene	342		ug/Kg	U	YES															
Nitrobenzene	342		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	342		ug/Kg	U	YES															
Pentachlorophenol	342		ug/Kg	U	YES															
Phenanthrene	342		ug/Kg	U	YES															
Phenol	342		ug/Kg	U	YES															
Pyrene	342		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 08:22

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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

4837

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S4
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879025

Lab Report Batch : 31101879
 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	5.37		mg/kg			YES														
Barium	92.4		mg/kg			YES														
Cadmium	0.624		mg/kg			YES U														
Chromium	2.62		mg/kg			YES														
Lead	7.60		mg/kg			YES J														
Selenium	1.91		mg/kg	U		YES														
Silver	0.362		mg/kg	J		YES U														
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0208		mg/kg	U		YES														
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	10.6		ug/Kg	U		YES														
4,4'-DDE	10.6		ug/Kg	U		YES														
4,4'-DDT	10.6		ug/Kg	U		YES														
Aldrin	10.6		ug/Kg	U		YES														
alpha-BHC	10.6		ug/Kg	U		YES														
alpha-Chlordane	10.6		ug/Kg	U		YES														
beta-BHC	10.6		ug/Kg	U		YES														
Chlordane	35.4		ug/Kg	U		YES														
delta-BHC	10.6		ug/Kg	U		YES														
Dieldrin	10.6		ug/Kg	U		YES														
Endosulfan I	10.6		ug/Kg	U		YES														
Endosulfan II	10.6		ug/Kg	U		YES														
Endosulfan sulfate	10.6		ug/Kg	U		YES														
Endrin	10.6		ug/Kg	U		YES														
Endrin aldehyde	10.6		ug/Kg	U		YES														
Endrin ketone	10.6		ug/Kg	U		YES														
gamma-BHC (Lindane)	10.6		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 06:22

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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

4838

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S4
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879025

Lab Report Batch : 31101879
 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 ^a	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																				
gamma-Chlordane	10.6		ug/Kg	U	YES															
Heptachlor	10.6		ug/Kg	U	YES															
Heptachlor epoxide	10.6		ug/Kg	U	YES															
Methoxychlor	10.6		ug/Kg	U	YES															
Toxaphene	35.4		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0172		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0172		mg/kg	U	YES															
2,4'-D	0.0172		mg/kg	U	YES															
2,4-DB	0.0172		mg/kg	U	YES															
Dicamba	0.0172		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.80		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.80		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.80		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.80		ug/Kg	U	YES															
1,1-Dichloroethane	4.80		ug/Kg	U	YES															
1,1-Dichloroethene	4.80		ug/Kg	U	YES															
1,1-Dichloropropene	4.80		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.80		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.80		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.80		ug/Kg	U	YES	UJ														
1,2,4-Trimethylbenzene	4.80		ug/Kg	U	YES	UJ														
1,2-Dibromo-3-chloropropane	28.8		ug/Kg	U	YES															
1,2-Dibromoethane	4.80		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.80		ug/Kg	U	YES															
1,2-Dichloroethane	4.80		ug/Kg	U	YES															

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

Library Used: CampCarroll

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^a 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

4839

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S4
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879025

Lab Report Batch : 31101879
 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-Dichloropropane	4.80		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.80		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.80		ug/Kg	U	YES															
1,3-Dichloropropane	4.80		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.80		ug/Kg	U	YES															
2,2-Dichloropropane	4.80		ug/Kg	U	YES															
2-Butanone	24.0		ug/Kg	U	YES															
2-Chlorotoluene	4.80		ug/Kg	U	YES															
2-Hexanone	12.0		ug/Kg	U	YES															
4-Chlorotoluene	4.80		ug/Kg	U	YES															
4-Isopropyltoluene	4.80		ug/Kg	U	YES															
4-Methyl-2-pentanone	12.0		ug/Kg	U	YES															
Acetone	6.54		ug/Kg	J	YES	J					J		J							
Benzene	4.80		ug/Kg	U	YES															
Bromobenzene	4.80		ug/Kg	U	YES															
Bromochloromethane	4.80		ug/Kg	U	YES															
Bromodichloromethane	4.80		ug/Kg	U	YES															
Bromoform	4.80		ug/Kg	U	YES															
Bromomethane	4.80		ug/Kg	U	YES															
Carbon disulfide	4.80		ug/Kg	U	YES															
Carbon tetrachloride	4.80		ug/Kg	U	YES															
Chlorobenzene	4.80		ug/Kg	U	YES															
Chloroethane	4.80		ug/Kg	U	YES															
Chloroform	4.80		ug/Kg	U	YES															
Chloromethane	4.80		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.80		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 08:22

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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

4840

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S4
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879025

Lab Report Batch : 31101879
 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	Molst ToUDis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,3-Dichloropropene	4.80		ug/Kg	U	YES															
Dibromochloromethane	4.80		ug/Kg	U	YES															
Dibromomethane	4.80		ug/Kg	U	YES															
Dichlorodifluoromethane	4.80		ug/Kg	U	YES															
Ethyl Benzene	4.80		ug/Kg	U	YES															
Hexachlorobutadiene	4.80		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.80		ug/Kg	U	YES															
m,p-Xylene	9.61		ug/Kg	U	YES															
Methyl iodide	4.80		ug/Kg	U	YES															
Methylene chloride	1.80		ug/Kg	J	YES	UJ			U					J						
Naphthalene	4.80		ug/Kg	U	YES	UJ					UJ									
n-Butylbenzene	4.80		ug/Kg	U	YES															
n Propylbenzene	4.80		ug/Kg	U	YES															
o-Xylene	4.80		ug/Kg	U	YES															
sec-Butylbenzene	4.80		ug/Kg	U	YES															
Styrene	4.80		ug/Kg	U	YES	UJ					UJ									
tert-Butyl methyl ether (MTBE)	4.80		ug/Kg	U	YES															
tert-Butylbenzene	4.80		ug/Kg	U	YES															
Tetrachloroethene	4.80		ug/Kg	U	YES															
Toluene	4.80		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.80		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.80		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	24.0		ug/Kg	U	YES															
Trichloroethene	4.80		ug/Kg	U	YES															
Trichlorofluoromethane	4.80		ug/Kg	U	YES	UJ					UJ									
Vinyl chloride	4.80		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				

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

4841

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S4
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879025

Lab Report Batch : 31101879
 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	Tuna	IC	ICV	CV / CCV	
Analysis Method : 8270D																					
Dilution: 1																					
1,2,4-Trichlorobenzene	357		ug/Kg	U	YES																
1,2-Dichlorobenzene	357		ug/Kg	U	YES																
1,3-Dichlorobenzene	357		ug/Kg	U	YES																
1,4-Dichlorobenzene	357		ug/Kg	U	YES																
2,4,5-Trichlorophenol	357		ug/Kg	U	YES																
2,4,6-Trichlorophenol	357		ug/Kg	U	YES																
2,4-Dichlorophenol	357		ug/Kg	U	YES																
2,4-Dimethylphenol	357		ug/Kg	U	YES																
2,4-Dinitrotoluene	357		ug/Kg	U	YES																
2,6-Dinitrotoluene	357		ug/Kg	U	YES																
2-Chloronaphthalene	357		ug/Kg	U	YES																
2-Chlorophenol	357		ug/Kg	U	YES																
2-Methylnaphthalene	357		ug/Kg	U	YES																
2-Methylphenol	357		ug/Kg	U	YES																
2-Nitroaniline	357		ug/Kg	U	YES																
2-Nitrophenol	357		ug/Kg	U	YES																
3 and/or 4-Methylphenol	357		ug/Kg	U	YES																
3-Nitroaniline	357		ug/Kg	U	YES																
4-Bromophenyl phenyl ether	357		ug/Kg	U	YES																
4-Chloro-3-methylphenol	357		ug/Kg	U	YES																
4-Chloroaniline	357		ug/Kg	U	YES																
4-Chlorophenyl phenyl ether	357		ug/Kg	U	YES																
4-Nitroaniline	357		ug/Kg	U	YES																
4-Nitrophenol	357		ug/Kg	U	YES																
Acenaphthene	357		ug/Kg	U	YES																
Acenaphthylene	357		ug/Kg	U	YES																

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

Library Used: CampCarroll

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Report Date: 9/8/2011 08:22

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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

4842

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S4
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879025

Lab Report Batch : 31101879
 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																				
Anthracene	357		ug/Kg	U	YES															
Benzo(a)anthracene	357		ug/Kg	U	YES															
Benzo(a)pyrene	357		ug/Kg	U	YES															
Benzo(b)fluoranthene	357		ug/Kg	U	YES															
Benzo(g,h,i)perylene	357		ug/Kg	U	YES															
Benzo(k)fluoranthene	357		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	357		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	357		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	357		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	357		ug/Kg	U	YES															
Butyl benzyl phthalate	357		ug/Kg	U	YES															
Chrysene	357		ug/Kg	U	YES															
Dibenz(a,h)anthracene	357		ug/Kg	U	YES															
Dibenzofuran	357		ug/Kg	U	YES															
Diethyl phthalate	357		ug/Kg	U	YES															
Dimethyl phthalate	357		ug/Kg	U	YES															
Di-n-butyl phthalate	357		ug/Kg	U	YES															
Di-n-octyl phthalate	357		ug/Kg	U	YES															
Fluoranthene	357		ug/Kg	U	YES															
Fluorene	357		ug/Kg	U	YES															
Hexachlorobenzene	357		ug/Kg	U	YES															
Hexachlorobutadiene	357		ug/Kg	U	YES															
Hexachlorocyclopentadiene	357		ug/Kg	U	YES															
Hexachloroethane	357		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	357		ug/Kg	U	YES															
Isophorone	357		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 08:22

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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

4843

Sample Qualification Report (All Analytes)

Client Sample ID : E11-122-S4
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879025

Lab Report Batch : 31101879
 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 Quali*	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													
Naphthalene	357		ug/Kg	U	YES															
Nitrobenzene	357		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	357		ug/Kg	U	YES															
Pentachlorophenol	357		ug/Kg	U	YES															
Phenanthrene	357		ug/Kg	U	YES															
Phenol	357		ug/Kg	U	YES															
Pyrene	357		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

4844

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879032

Lab Report Batch : 31101879
 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	3.83		mg/kg		YES															
Barium	67.3		mg/kg		YES															
Cadmium	0.647		mg/kg		YES	U			U											
Chromium	5.37		mg/kg		YES															
Lead	16.9		mg/kg		YES	J						J								
Selenium	2.22		mg/kg	U	YES															
Silver	0.273		mg/kg	J	YES	U			U											
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.00248		mg/kg	J	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	10.9		ug/Kg	U	YES															
4,4'-DDD	10.9		ug/Kg	U	YES															
4,4'-DDE	10.9		ug/Kg	U	YES															
4,4'-DDE	10.9		ug/Kg	U	YES															
4,4'-DDT	10.9		ug/Kg	U	YES															
4,4'-DDT	10.9		ug/Kg	U	YES															
Aldrin	10.9		ug/Kg	U	YES															
Aldrin	10.9		ug/Kg	U	YES															
alpha-BHC	10.9		ug/Kg	U	YES															
alpha-BHC	10.9		ug/Kg	U	YES															
alpha-Chlordane	10.9		ug/Kg	U	YES															
alpha-Chlordane	10.9		ug/Kg	U	YES															
beta-BHC	10.9		ug/Kg	U	YES															
beta-BHC	10.9		ug/Kg	U	YES															
Chlordane	36.3		ug/Kg	U	YES															
Chlordane	36.3		ug/Kg	U	YES															
delta-BHC	10.9		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 08:22

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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

4845

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879032

Lab Report Batch : 31101879
 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	10.9		ug/Kg	U	YES															
Dieldrin	10.9		ug/Kg	U	YES															
Diolindrin	10.9		ug/Kg	U	YES															
Endosulfan I	10.9		ug/Kg	U	YES															
Endosulfan II	10.9		ug/Kg	U	YES															
Endosulfan III	10.9		ug/Kg	U	YES															
Endosulfan sulfate	10.9		ug/Kg	U	YES															
Endosulfan sulfatol	10.9		ug/Kg	U	YES															
Endrin	10.9		ug/Kg	U	YES															
Endrin aldehyde	10.9		ug/Kg	U	YES															
Endrin ketone	10.9		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.9		ug/Kg	U	YES															
gamma-Chlordane	10.9		ug/Kg	U	YES															
Heptachlor	10.9		ug/Kg	U	YES															
Heptachlor epoxide	10.9		ug/Kg	U	YES															
Methoxychlor	10.9		ug/Kg	U	YES															
Toxaphene	36.3		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 08:22

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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

4846

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879032

Lab Report Batch : 31101879
 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	36.3		ug/Kg	U	YES															
Analysis Method : 8151							Dilution: 1													
2,4,5-T	0.0183		mg/kg	U	YES															
2,4,5-T	0.0183		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0183		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0183		mg/kg	U	YES															
2,4-D	0.0183		mg/kg	U	YES															
2,4-D	0.0183		mg/kg	U	YES															
2,4-DB	0.0183		mg/kg	U	YES															
2,4-DB	0.0183		mg/kg	U	YES															
Dicamba	0.0183		mg/kg	U	YES															
Dicamba	0.0183		mg/kg	U	YES															
Analysis Method : 8260B							Dilution: 1													
1,1,1,2-Tetrachloroethane	4.86		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.86		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.86		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.86		ug/Kg	U	YES															
1,1-Dichloroethane	4.86		ug/Kg	U	YES															
1,1-Dichloroethane	4.86		ug/Kg	U	YES															
1,1-Dichloropropene	4.86		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.86		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.86		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.86		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.86		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	29.2		ug/Kg	U	YES															
1,2-Dibromoethane	4.86		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.86		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 08:22

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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

4847

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879032

Lab Report Batch : 31101879
 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	4.86		ug/Kg	U	YES															
1,2-Dichloropropane	4.86		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.86		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.86		ug/Kg	U	YES															
1,3-Dichloropropane	4.86		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.86		ug/Kg	U	YES															
2,2-Dichloropropane	4.86		ug/Kg	U	YES															
2-Butanone	7.47		ug/Kg	J	YES	J							J							
2-Chlorotoluene	4.86		ug/Kg	U	YES															
2-Hexanone	12.1		ug/Kg	U	YES															
4-Chlorotoluene	4.86		ug/Kg	U	YES															
4-Isopropyltoluene	4.86		ug/Kg	U	YES															
4-Methyl-2-pentanone	12.1		ug/Kg	U	YES															
Acetone	53.4		ug/Kg	YES	J								J							
Benzene	4.86		ug/Kg	U	YES															
Bromobenzene	4.86		ug/Kg	U	YES															
Bromochloromethane	4.86		ug/Kg	U	YES															
Bromodichloromethane	4.86		ug/Kg	U	YES															
Bromoform	4.86		ug/Kg	U	YES															
Bromomethane	4.86		ug/Kg	U	YES															
Carbon disulfide	4.86		ug/Kg	U	YES															
Carbon tetrachloride	4.86		ug/Kg	U	YES															
Chlorobenzene	4.86		ug/Kg	U	YES															
Chloroethane	4.86		ug/Kg	U	YES															
Chloroform	4.86		ug/Kg	U	YES															
Chloromethane	4.86		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroil 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

4848

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879032

Lab Report Batch : 31101879
 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	4.86		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.86		ug/Kg	U	YES															
Dibromochloromethane	4.86		ug/Kg	U	YES															
Dibromomethane	4.86		ug/Kg	U	YES															
Dichlorodifluoromethane	4.86		ug/Kg	U	YES															
Ethyl Benzene	4.86		ug/Kg	U	YES															
Hexachlorobutadiene	4.86		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.86		ug/Kg	U	YES															
m,p-Xylene	9.72		ug/Kg	U	YES															
Methyl iodide	1.34		ug/Kg	J	YES	J								J						
Methylene chloride	1.70		ug/Kg	J	YES	UJ			U					J						
Naphthalene	4.86		ug/Kg	U	YES															
n-Butylbenzene	4.86		ug/Kg	U	YES															
n-Propylbenzene	4.86		ug/Kg	U	YES															
o-Xylene	4.86		ug/Kg	U	YES															
sec-Butylbenzene	4.86		ug/Kg	U	YES															
Styrene	4.86		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.86		ug/Kg	U	YES															
tert-Butylbenzene	4.86		ug/Kg	U	YES															
Tetrachloroethene	4.86		ug/Kg	U	YES															
Toluene	4.86		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.86		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.86		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	24.3		ug/Kg	U	YES															
Trichloroethene	4.86		ug/Kg	U	YES															
Trichlorofluoromethane	4.86		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 08:22

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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

4849

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879032

Lab Report Batch : 31101879
 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	4.86		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	363		ug/Kg	U	YES															
1,2-Dichlorobenzene	363		ug/Kg	U	YES															
1,3-Dichlorobenzene	363		ug/Kg	U	YES															
1,4-Dichlorobenzene	363		ug/Kg	U	YES															
2,4,5-Trichlorophenol	363		ug/Kg	U	YES															
2,4,6-Trichlorophenol	363		ug/Kg	U	YES															
2,4-Dichlorophenol	363		ug/Kg	U	YES															
2,4-Dimethylphenol	363		ug/Kg	U	YES															
2,4-Dinitrotoluene	363		ug/Kg	U	YES															
2,6-Dinitrotoluene	363		ug/Kg	U	YES															
2-Chloronaphthalene	363		ug/Kg	U	YES															
2-Chlorophenol	363		ug/Kg	U	YES															
2-Methylnaphthalene	363		ug/Kg	U	YES															
2-Methylphenol	363		ug/Kg	U	YES															
2-Nitroaniline	363		ug/Kg	U	YES															
2-Nitrophenol	363		ug/Kg	U	YES															
3 and/or 4-Methylphenol	363		ug/Kg	U	YES															
3-Nitroaniline	363		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	363		ug/Kg	U	YES															
4-Chloro-3-methylphenol	363		ug/Kg	U	YES															
4-Chloroaniline	363		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	363		ug/Kg	U	YES															
4-Nitroaniline	363		ug/Kg	U	YES															
4-Nitrophenol	363		ug/Kg	U	YES															
Acenaphthene	363		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 08:22

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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

4850

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879032

Lab Report Batch : 31101879
 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	363		ug/Kg	U	YES															
Anthracene	363		ug/Kg	U	YES															
Benzo(a)anthracene	363		ug/Kg	U	YES															
Benzo(a)pyrene	363		ug/Kg	U	YES															
Benzo(b)fluoranthene	363		ug/Kg	U	YES															
Benzo(g,h,i)perylene	363		ug/Kg	U	YES															
Benzo(k)fluoranthene	363		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	363		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	363		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	363		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	363		ug/Kg	U	YES															
Butyl benzyl phthalate	363		ug/Kg	U	YES															
Chrysene	363		ug/Kg	U	YES															
Dibenz(a,h)anthracene	363		ug/Kg	U	YES															
Dibenzofuran	363		ug/Kg	U	YES															
Diethyl phthalate	363		ug/Kg	U	YES															
Dimethyl phthalate	363		ug/Kg	U	YES															
Di-n-butyl phthalate	363		ug/Kg	U	YES															
Di-n-octyl phthalate	363		ug/Kg	U	YES															
Fluoranthene	363		ug/Kg	U	YES															
Fluorene	363		ug/Kg	U	YES															
Hexachlorobenzene	363		ug/Kg	U	YES															
Hexachlorobutadiene	363		ug/Kg	U	YES															
Hexachlorocyclopentadiene	363		ug/Kg	U	YES															
Hexachloroethane	363		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	363		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

4851

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S1
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879032

Lab Report Batch : 31101879
 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	363		ug/Kg	U	YES															
Naphthalene	363		ug/Kg	U	YES															
Nitrobenzene	363		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	363		ug/Kg	U	YES															
Pentachlorophenol	363		ug/Kg	U	YES															
Phenanthrene	363		ug/Kg	U	YES															
Phenol	363		ug/Kg	U	YES															
Pyrene	363		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 08:22

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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

4852

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879033

Lab Report Batch : 31101879
 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	3.37		mg/kg		YES															
Barium	111		mg/kg		YES															
Cadmium	0.753		mg/kg		YES															
Chromium	3.75		mg/kg		YES															
Lead	13.4		mg/kg		YES	J						J								
Selenium	0.671		mg/kg	J	YES															
Silver	0.335		mg/kg	J	YES	U							U							
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0207		mg/kg	U	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	10.6		ug/Kg	U	YES															
4,4'-DDE	10.6		ug/Kg	U	YES															
4,4'-DDT	10.6		ug/Kg	U	YES															
Aldrin	10.6		ug/Kg	U	YES															
alpha-BHC	10.6		ug/Kg	U	YES															
alpha-Chlordane	10.6		ug/Kg	U	YES															
beta-BHC	10.6		ug/Kg	U	YES															
Chlordane	35.2		ug/Kg	U	YES															
delta-BHC	10.6		ug/Kg	U	YES															
Dieldrin	10.6		ug/Kg	U	YES															
Endosulfan I	10.6		ug/Kg	U	YES															
Endosulfan II	10.6		ug/Kg	U	YES															
Endosulfan sulfate	10.6		ug/Kg	U	YES															
Endrin	10.6		ug/Kg	U	YES															
Endrin aldehyde	10.6		ug/Kg	U	YES															
Endrin ketone	10.6		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.6		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 08:22

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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

4853

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879033

Lab Report Batch : 31101879
 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																				
gamma-Chlordane	10.6		ug/Kg	U	YES															
Heptachlor	10.6		ug/Kg	U	YES															
Heptachlor epoxide	10.6		ug/Kg	U	YES															
Methoxychlor	10.6		ug/Kg	U	YES															
Toxaphene	35.2		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0177		mg/kg	U	YES															
2,4,5-IP (Silvex)	0.0177		mg/kg	U	YES															
2,4-D	0.0177		mg/kg	U	YES															
2,4-DB	0.0177		mg/kg	U	YES															
Dicamba	0.0177		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.75		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.75		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.75		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.75		ug/Kg	U	YES															
1,1-Dichloroethane	4.75		ug/Kg	U	YES															
1,1-Dichloroethene	4.75		ug/Kg	U	YES															
1,1-Dichloropropene	4.75		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.75		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.75		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.75		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.75		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	28.5		ug/Kg	U	YES															
1,2-Dibromoethane	4.75		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.75		ug/Kg	U	YES															
1,2-Dichloroethane	4.75		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 08:22

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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

4854

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S2
 Sample Date : 07/15/2011
 Lab Sample ID : 31101879033

Lab Report Batch : 31101879
 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-Dichloropropane	4.75		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.75		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.75		ug/Kg	U	YES															
1,3-Dichloropropane	4.75		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.75		ug/Kg	U	YES															
2,2-Dichloropropane	4.75		ug/Kg	U	YES															
2-Butanone	2.92		ug/Kg	J	YES	J							J							
2-Chlorotoluene	4.75		ug/Kg	U	YES															
2-Hexanone	11.9		ug/Kg	U	YES															
4-Chlorotoluene	4.75		ug/Kg	U	YES															
4-Isopropyltoluene	4.75		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.9		ug/Kg	U	YES															
Acetone	17.0		ug/Kg	J	YES	J							J							
Benzene	4.75		ug/Kg	U	YES															
Bromobenzene	4.75		ug/Kg	U	YES															
Bromochloromethane	4.75		ug/Kg	U	YES															
Bromodichloromethane	4.75		ug/Kg	U	YES															
Bromoform	4.75		ug/Kg	U	YES															
Bromomethane	4.75		ug/Kg	U	YES															
Carbon disulfide	4.75		ug/Kg	U	YES															
Carbon tetrachloride	4.75		ug/Kg	U	YES															
Chlorobenzene	4.75		ug/Kg	U	YES															
Chloroethane	4.75		ug/Kg	U	YES															
Chloroform	4.75		ug/Kg	U	YES															
Chloromethane	4.75		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.75		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 08:22

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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

4855

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879033

Lab Report Batch : 31101879
 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-1,3-Dichloropropene	4.75		ug/Kg	U	YES															
Dibromochloromethane	4.75		ug/Kg	U	YES															
Dibromomethane	4.75		ug/Kg	U	YES															
Dichlorodifluoromethane	4.75		ug/Kg	U	YES															
Ethyl Benzene	4.75		ug/Kg	U	YES															
Hexachlorobutadiene	4.75		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.75		ug/Kg	U	YES															
m,p-Xylene	9.51		ug/Kg	U	YES															
Methyl iodide	4.75		ug/Kg	U	YES															
Methylene chloride	1.72		ug/Kg	J	YES	UJ			U					J						
Naphthalene	4.75		ug/Kg	U	YES															
n-Butylbenzene	4.75		ug/Kg	U	YES															
n-Propylbenzene	4.75		ug/Kg	U	YES															
o-Xylene	4.75		ug/Kg	U	YES															
sec-Butylbenzene	4.75		ug/Kg	U	YES															
Styrene	4.75		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.75		ug/Kg	U	YES															
tert-Butylbenzene	4.75		ug/Kg	U	YES															
Tetrachloroethene	4.75		ug/Kg	U	YES															
Toluene	4.75		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.75		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.75		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	23.8		ug/Kg	U	YES															
Trichloroethene	4.75		ug/Kg	U	YES															
Trichlorofluoromethane	4.75		ug/Kg	U	YES															
Vinyl chloride	4.75		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:22

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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

4856

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879033

Lab Report Batch : 31101879
 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	Tuna	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	360		ug/Kg	U	YES															
1,2-Dichlorobenzene	360		ug/Kg	U	YES															
1,3-Dichlorobenzene	360		ug/Kg	U	YES															
1,4-Dichlorobenzene	360		ug/Kg	U	YES															
2,4,5-Trichlorophenol	360		ug/Kg	U	YES															
2,4,6-Trichlorophenol	360		ug/Kg	U	YES															
2,4-Dichlorophenol	360		ug/Kg	U	YES															
2,4-Dimethylphenol	360		ug/Kg	U	YES															
2,4-Dinitrotoluene	360		ug/Kg	U	YES															
2,6-Dinitrotoluene	360		ug/Kg	U	YES															
2-Chloronaphthalene	360		ug/Kg	U	YES															
2-Chlorophenol	360		ug/Kg	U	YES															
2-Methylnaphthalene	360		ug/Kg	U	YES															
2-Methylphenol	360		ug/Kg	U	YES															
2-Nitroaniline	360		ug/Kg	U	YES															
2-Nitrophenol	360		ug/Kg	U	YES															
3 and/or 4-Methylphenol	360		ug/Kg	U	YES															
3-Nitroaniline	360		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	360		ug/Kg	U	YES															
4-Chloro-3-methylphenol	360		ug/Kg	U	YES															
4-Chloroaniline	360		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	360		ug/Kg	U	YES															
4-Nitroaniline	360		ug/Kg	U	YES															
4-Nitrophenol	360		ug/Kg	U	YES															
Acenaphthene	360		ug/Kg	U	YES															
Acenaphthylene	360		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

4857

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879033

Lab Report Batch : 31101879
 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 : 8270D																				
Dilution: 1																				
Anthracene	360		ug/Kg	U	YES															
Benzo(a)anthracene	360		ug/Kg	U	YES															
Benzo(a)pyrene	360		ug/Kg	U	YES															
Benzo(b)fluoranthene	360		ug/Kg	U	YES															
Benzo(g,h,i)perylene	360		ug/Kg	U	YES															
Benzo(k)fluoranthene	360		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	360		ug/Kg	U	YES															
Bis(2-Chloroethoxy)ether	360		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	360		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	360		ug/Kg	U	YES															
Butyl benzyl phthalate	360		ug/Kg	U	YES															
Chrysene	360		ug/Kg	U	YES															
Dibenz(a,h)anthracene	360		ug/Kg	U	YES															
Dibenzofuran	360		ug/Kg	U	YES															
Diethyl phthalate	360		ug/Kg	U	YES															
Dimethyl phthalate	360		ug/Kg	U	YES															
Di-n-butyl phthalate	360		ug/Kg	U	YES															
Di-n-octyl phthalate	360		ug/Kg	U	YES															
Fluoranthene	360		ug/Kg	U	YES															
Fluorene	360		ug/Kg	U	YES															
Hexachlorobenzene	360		ug/Kg	U	YES															
Hexachlorobutadiene	360		ug/Kg	U	YES															
Hexachlorocyclopentadiene	360		ug/Kg	U	YES															
Hexachloroethane	360		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	360		ug/Kg	U	YES															
Isophorone	360		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 08:22

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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

4858

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S2
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879033

Lab Report Batch : 31101879
 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																				
Naphthalene	360		ug/Kg	U	YES															
Nitrobenzene	360		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	360		ug/Kg	U	YES															
Pentachlorophenol	360		ug/Kg	U	YES															
Phenanthrene	360		ug/Kg	U	YES															
Phenol	360		ug/Kg	U	YES															
Pyrene	380		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 08:22

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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

4859

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S3
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879034

Lab Report Batch : 31101879
 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 : 6010C																				
Dilution: 1																				
Arsenic	4.12		mg/kg			YES														
Arsenic	4.12		mg/kg			YES														
Barium	107		mg/kg			YES														
Barium	107		mg/kg			YES														
Cadmium	0.389		mg/kg	J		YES														
Cadmium	0.389		mg/kg	J		YES														
Chromium	1.83		mg/kg			YES														
Chromium	1.83		mg/kg			YES														
Lead	7.72		mg/kg			YES														
Lead	7.72		mg/kg			YES														
Selenium	2.12		mg/kg	U		YES														
Selenium	2.12		mg/kg	U		YES														
Silver	0.443		mg/kg	J		YES							U							
Silver	0.443		mg/kg	J		YES							U							
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0204		mg/kg	U		YES														
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	9.99		ug/Kg	U		YES														
4,4'-DDE	9.99		ug/Kg	U		YES														
4,4'-DDT	9.99		ug/Kg	U		YES														
Aldrin	9.99		ug/Kg	U		YES														
alpha-BHC	9.99		ug/Kg	U		YES														
alpha-Chlordane	9.99		ug/Kg	U		YES														
beta-BHC	9.99		ug/Kg	U		YES														
Chlordane	33.3		ug/Kg	U		YES														
delta-BHC	9.99		ug/Kg	U		YES														
Dieldrin	9.99		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

4860

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S3
 Sample Date : 07/15/2011
 Lab Sample ID : 31101879034

Lab Report Batch : 31101879
 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																				
Endosulfan I	9.99		ug/Kg	U	YES															
Endosulfan II	9.99		ug/Kg	U	YES															
Endosulfan sulfate	9.99		ug/Kg	U	YES															
Endrin	9.99		ug/Kg	U	YES															
Endrin aldehyde	9.99		ug/Kg	U	YES															
Endrin ketone	9.99		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.99		ug/Kg	U	YES															
gamma-Chlordane	9.99		ug/Kg	U	YES															
Heptachlor	9.99		ug/Kg	U	YES															
Heptachlor epoxide	9.99		ug/Kg	U	YES															
Melthoxychlor	9.99		ug/Kg	U	YES															
Toxaphene	33.3		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															
2,4-DB	0.0169		mg/kg	U	YES															
Dicamba	0.0169		mg/kg	U	YES															
Dicamba	0.0169		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.40		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															

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

4861

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S3
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879034

Lab Report Batch : 31101879
 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																				
1,1,2-Trichloroethane	4.40		ug/Kg	U	YES															
1,1-Dichloroethane	4.40		ug/Kg	U	YES	UJ					UJ									
1,1-Dichloroethene	4.40		ug/Kg	U	YES	UJ					UJ									
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														
1,2,4-Trimethylbenzene	4.40		ug/Kg	U	YES	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															
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	22.0		ug/Kg	U	YES															
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	10.0		ug/Kg	J	YES	J					J									
Benzene	4.40		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 08:22

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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

4862

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S3
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879034

Lab Report Batch : 31101879
 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																				
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	UJ				UJ										
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															
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															
Isopropylbenzene (Cumene)	4.40		ug/Kg	U	YES															
m,p-Xylene	8.81		ug/Kg	U	YES															
Methyl iodide	4.40		ug/Kg	U	YES															
Methylene chloride	1.22		ug/Kg	J	YES	J				J										
Naphthalene	4.40		ug/Kg	U	YES	UJ					UJ									
n-Butylbenzene	4.40		ug/Kg	U	YES															
n-Propylbenzene	4.40		ug/Kg	U	YES															
o-Xylene	4.40		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:22

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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

4863

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S3
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879034

Lab Report Batch : 31101879
 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																				
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	UJ							UJ							
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	UJ							UJ							
trans-1,3-Dichloropropene	4.40		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	22.0		ug/Kg	U	YES															
Trichloroethene	4.40		ug/Kg	U	YES															
Trichlorofluoromethane	4.40		ug/Kg	U	YES															
Vinyl chloride	4.40		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	342		ug/Kg	U	YES															
1,2-Dichlorobenzene	342		ug/Kg	U	YES															
1,3-Dichlorobenzene	342		ug/Kg	U	YES															
1,4-Dichlorobenzene	342		ug/Kg	U	YES															
2,4,5-Trichlorophenol	342		ug/Kg	U	YES															
2,4,6-Trichlorophenol	342		ug/Kg	U	YES															
2,4-Dichlorophenol	342		ug/Kg	U	YES															
2,4-Dimethylphenol	342		ug/Kg	U	YES															
2,4-Dinitrotoluene	342		ug/Kg	U	YES															
2,6-Dinitrotoluene	342		ug/Kg	U	YES															
2-Chloronaphthalene	342		ug/Kg	U	YES															
2-Chlorophenol	342		ug/Kg	U	YES															
2-Methylnaphthalene	342		ug/Kg	U	YES															
2-Methylphenol	342		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

4864

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S3
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879034

Lab Report Batch : 31101879
 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																				
2-Nitroaniline	342		ug/Kg	U	YES															
2-Nitrophenol	342		ug/Kg	U	YES															
3 and/or 4-Methylphenol	342		ug/Kg	U	YES															
3-Nitroaniline	342		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	342		ug/Kg	U	YES															
4-Chloro-3-methylphenol	342		ug/Kg	U	YES															
4-Chloroaniline	342		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	342		ug/Kg	U	YES															
4-Nitroaniline	342		ug/Kg	U	YES															
4-Nitrophenol	342		ug/Kg	U	YES															
Acenaphthene	342		ug/Kg	U	YES															
Acenaphthylene	342		ug/Kg	U	YES															
Anthracene	342		ug/Kg	U	YES															
Benzo(a)anthracene	342		ug/Kg	U	YES															
Benzo(a)pyrene	342		ug/Kg	U	YES															
Benzo(b)fluoranthene	342		ug/Kg	U	YES															
Benzo(g,h,i)perylene	342		ug/Kg	U	YES															
Benzo(k)fluoranthene	342		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	342		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	342		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	342		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	342		ug/Kg	U	YES															
Butyl benzy phthalate	342		ug/Kg	U	YES															
Chrysene	342		ug/Kg	U	YES															
Dibenz(a,h)anthracene	342		ug/Kg	U	YES															
Dibenzofuran	342		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

4865

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S3
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879034

Lab Report Batch : 31101879
 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																				
Diethyl phthalate	342		ug/Kg	U	YES															
Dimethyl phthalate	342		ug/Kg	U	YES															
Di-n-butyl phthalate	342		ug/Kg	U	YES															
Di-n-octyl phthalate	342		ug/Kg	U	YES															
Fluoranthene	342		ug/Kg	U	YES															
Fluorene	342		ug/Kg	U	YES															
Hexachlorobenzene	342		ug/Kg	U	YES															
Hexachlorobutadiene	342		ug/Kg	U	YES															
Hexachlorocyclopentadiene	342		ug/Kg	U	YES															
Hexachloroethane	342		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	342		ug/Kg	U	YES															
Isophorone	342		ug/Kg	U	YES															
Naphthalene	342		ug/Kg	U	YES															
Nitrobenzene	342		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	342		ug/Kg	U	YES															
Pentachlorophenol	342		ug/Kg	U	YES															
Phenanthrene	342		ug/Kg	U	YES															
Phenol	342		ug/Kg	U	YES															
Pyrene	342		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 08:22

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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

4866

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S4
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879037

Lab Report Batch : 31101879
 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	2.23		mg/kg			YES														
Barium	87.4		mg/kg			YES														
Cadmium	0.522		mg/kg			YES	U						U							
Chromium	3.71		mg/kg			YES														
Lead	7.57		mg/kg			YES	J						J							
Selenium	1.82		mg/kg	U		YES														
Silver	0.314		mg/kg	J		YES	U						U							
Analysis Method : 7471B				Dilution: 1																
Mercury	0.0203		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	9.95		ug/Kg	U		YES														
4,4'-DDE	9.95		ug/Kg	U		YES														
4,4'-DDT	9.95		ug/Kg	U		YES														
4,4'-DDT	9.95		ug/Kg	U		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

Library Used: CampCarroll

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Report Date: 9/6/2011 08:22

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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

4867

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S4
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879037

Lab Report Batch : 31101879
 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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:22

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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

4868

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S4
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879037

Lab Report Batch : 31101879
 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	Molst 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	0.0168		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															
2,4-DB	0.0168		mg/kg	U	YES															
Dicamba	0.0168		mg/kg	U	YES															
Dicamba	0.0168		mg/kg	U	YES															
Analysis Method : 8260B				Dilution: 1																
1,1,1,2-Tetrachloroethane	4.89		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.89		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.89		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.89		ug/Kg	U	YES															
1,1-Dichloroethane	4.89		ug/Kg	U	YES															
1,1-Dichloroethene	4.89		ug/Kg	U	YES															
1,1-Dichloropropene	4.89		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.89		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.89		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.89		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.89		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	29.3		ug/Kg	U	YES															
1,2-Dibromoethane	4.89		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.89		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 08:22

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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

4869

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S4
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879037

Lab Report Batch : 31101879
 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 : 8260B																				
Dilution: 1																				
1,2-Dichloroethane	4.89		ug/Kg	U	YES															
1,2-Dichloropropane	4.89		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.89		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.89		ug/Kg	U	YES															
1,3-Dichloropropane	4.89		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.89		ug/Kg	U	YES															
2,2-Dichloropropane	4.89		ug/Kg	U	YES															
2-Butanone	24.5		ug/Kg	U	YES															
2-Chlorotoluene	4.89		ug/Kg	U	YES															
2-Hexanone	12.2		ug/Kg	U	YES															
4-Chlorotoluene	4.89		ug/Kg	U	YES															
4-Isopropyltoluene	4.89		ug/Kg	U	YES															
4-Methyl-2-pentanone	12.2		ug/Kg	U	YES															
Acetone	48.9		ug/Kg	U	YES															
Benzene	4.89		ug/Kg	U	YES															
Bromobenzene	4.89		ug/Kg	U	YES															
Bromochloromethane	4.89		ug/Kg	U	YES															
Bromodichloromethane	4.89		ug/Kg	U	YES															
Bromoform	4.89		ug/Kg	U	YES															
Bromomethane	4.89		ug/Kg	U	YES															
Carbon disulfide	4.89		ug/Kg	U	YES															
Carbon tetrachloride	4.89		ug/Kg	U	YES															
Chlorobenzene	4.89		ug/Kg	U	YES															
Chloroethane	4.89		ug/Kg	U	YES															
Chloroform	4.89		ug/Kg	U	YES															
Chloromethane	4.89		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 08:22

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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

4870

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S4
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879037

Lab Report Batch : 31101879
 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/Dls	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.89		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.89		ug/Kg	U	YES															
Dibromochloromethane	4.89		ug/Kg	U	YES															
Dibromomethane	4.89		ug/Kg	U	YES															
Dichlorodifluoromethane	4.89		ug/Kg	U	YES															
Ethyl Benzene	4.89		ug/Kg	U	YES															
Hexachlorobutadiene	4.89		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.89		ug/Kg	U	YES															
m,p-Xylene	9.78		ug/Kg	U	YES															
Methyl iodide	4.89		ug/Kg	U	YES															
Methylene chloride	1.46		ug/Kg	J	YES															
Naphthalene	4.89		ug/Kg	U	YES															
n-Butylbenzene	4.89		ug/Kg	U	YES															
n-Propylbenzene	4.89		ug/Kg	U	YES															
o-Xylene	4.89		ug/Kg	U	YES															
sec-Butylbenzene	4.89		ug/Kg	U	YES															
Styrene	4.89		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.89		ug/Kg	U	YES															
tert-Butylbenzene	4.89		ug/Kg	U	YES															
Tetrachloroethene	4.89		ug/Kg	U	YES															
Toluene	4.89		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.89		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.89		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	24.5		ug/Kg	U	YES															
Trichloroethene	4.89		ug/Kg	U	YES															
Trichlorofluoromethane	4.89		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 08:22

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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

4871

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S4
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879037

Lab Report Batch : 31101879
 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	GV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
Vinyl chloride	4.89		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	327		ug/Kg	U	YES															
1,2-Dichlorobenzene	327		ug/Kg	U	YES															
1,3-Dichlorobenzene	327		ug/Kg	U	YES															
1,4-Dichlorobenzene	327		ug/Kg	U	YES															
2,4,5-Trichlorophenol	327		ug/Kg	U	YES															
2,4,6-Trichlorophenol	327		ug/Kg	U	YES															
2,4-Dichlorophenol	327		ug/Kg	U	YES															
2,4-Dimethylphenol	327		ug/Kg	U	YES															
2,4-Dinitrotoluene	327		ug/Kg	U	YES															
2,6-Dinitrotoluene	327		ug/Kg	U	YES															
2-Chloronaphthalene	327		ug/Kg	U	YES															
2-Chlorophenol	327		ug/Kg	U	YES															
2-Methylnaphthalene	327		ug/Kg	U	YES															
2-Methylphenol	327		ug/Kg	U	YES															
2-Nitroaniline	327		ug/Kg	U	YES															
2-Nitrophenol	327		ug/Kg	U	YES															
3 and/or 4-Methylphenol	327		ug/Kg	U	YES															
3-Nitroaniline	327		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	327		ug/Kg	U	YES															
4-Chloro-3-methylphenol	327		ug/Kg	U	YES															
4-Chloroaniline	327		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	327		ug/Kg	U	YES															
4-Nitroaniline	327		ug/Kg	U	YES															
4-Nitrophenol	327		ug/Kg	U	YES															
Acenaphthene	327		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

48 72

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S4
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879037

Lab Report Batch : 31101879
 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	327		ug/Kg	U	YES															
Anthracene	327		ug/Kg	U	YES															
Benzo(a)anthracene	327		ug/Kg	U	YES															
Benzo(a)pyrene	327		ug/Kg	U	YES															
Benzo(b)fluoranthene	327		ug/Kg	U	YES															
Benzo(g,h,i)perylene	327		ug/Kg	U	YES															
Benzo(k)fluoranthene	327		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	327		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	327		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	327		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	327		ug/Kg	U	YES															
Butyl benzyl phthalate	327		ug/Kg	U	YES															
Chrysene	327		ug/Kg	U	YES															
Dibenz(a,h)anthracene	327		ug/Kg	U	YES															
Dibenzofuran	327		ug/Kg	U	YES															
Diethyl phthalate	327		ug/Kg	U	YES															
Dimethyl phthalate	327		ug/Kg	U	YES															
Di-n-butyl phthalate	327		ug/Kg	U	YES															
Di-n-octyl phthalate	327		ug/Kg	U	YES															
Fluoranthene	327		ug/Kg	U	YES															
Fluorene	327		ug/Kg	U	YES															
Hexachlorobenzene	327		ug/Kg	U	YES															
Hexachlorobutadiene	327		ug/Kg	U	YES															
Hexachlorocyclopentadiene	327		ug/Kg	U	YES															
Hexachloroethane	327		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	327		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 08:22

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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

4873

Sample Qualification Report (All Analytes)

Client Sample ID : E11-123-S4
 Sample Date : 07/15/2011
 Lab Sample ID: 31101879037

Lab Report Batch : 31101879
 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	327		ug/Kg	U	YES															
Naphthalene	327		ug/Kg	U	YES															
Nitrobenzene	327		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	327		ug/Kg	U	YES															
Pentachlorophenol	327		ug/Kg	U	YES															
Phenanthrene	327		ug/Kg	U	YES															
Phenol	327		ug/Kg	U	YES															
Pyrene	327		ug/Kg	U	YES															

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

Library Used: CampCarroll

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Report Date: 9/6/2011 08:22

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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

4874

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879006

Lab Report Batch : 31101879
 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	2.37		mg/kg		YES	J						J								
Barium	95.0		mg/kg		YES	J						J								
Cadmium	0.600		mg/kg		YES	UJ			U			J								
Chromium	1.71		mg/kg		YES															
Lead	5.30		mg/kg		YES	J						J								
Selenium	1.92		mg/kg	U	YES															
Silver	0.254		mg/kg	J	YES	U			U											
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0179		mg/kg	U	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	9.88		ug/Kg	U	YES															
4,4'-DDD	9.88		ug/Kg	U	YES															
4,4'-DDE	9.88		ug/Kg	U	YES															
4,4'-DDE	9.88		ug/Kg	U	YES															
4,4'-DDT	1.51		ug/Kg	J P	YES	U			U											
4,4'-DDT	1.51		ug/Kg	J P	YES	U			U											
Aldrin	9.88		ug/Kg	U	YES															
Aldrin	9.88		ug/Kg	U	YES															
alpha-BHC	9.88		ug/Kg	U	YES															
alpha-BHC	9.88		ug/Kg	U	YES															
alpha-Chlordane	9.88		ug/Kg	U	YES															
alpha-Chlordane	9.88		ug/Kg	U	YES															
beta-BHC	9.88		ug/Kg	U	YES															
beta-BHC	9.88		ug/Kg	U	YES															
Chlordane	32.9		ug/Kg	U	YES															
Chlordane	32.9		ug/Kg	U	YES															
delta-BHC	9.88		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 08:22

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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 : E11-125-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879006

Lab Report Batch : 31101879
 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	9.88		ug/Kg	U	YES															
Dieldrin	9.88		ug/Kg	U	YES															
Dieldrin	9.88		ug/Kg	U	YES															
Endosulfan I	9.88		ug/Kg	U	YES															
Endosulfan I	9.88		ug/Kg	U	YES															
Endosulfan II	9.88		ug/Kg	U	YES															
Endosulfan II	9.88		ug/Kg	U	YES															
Endosulfan sulfate	9.88		ug/Kg	U	YES															
Endosulfan sulfate	9.88		ug/Kg	U	YES															
Endrin	9.88		ug/Kg	U	YES															
Endrin	9.88		ug/Kg	U	YES															
Endrin aldehyde	9.88		ug/Kg	U	YES															
Endrin aldehyde	9.88		ug/Kg	U	YES															
Endrin ketone	9.88		ug/Kg	U	YES															
Endrin ketone	9.88		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.88		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.88		ug/Kg	U	YES															
gamma-Chlordane	9.88		ug/Kg	U	YES															
gamma-Chlordane	9.88		ug/Kg	U	YES															
Heptachlor	9.88		ug/Kg	U	YES															
Heptachlor	9.88		ug/Kg	U	YES															
Heptachlor epoxide	9.88		ug/Kg	U	YES															
Heptachlor epoxide	9.88		ug/Kg	U	YES															
Methoxychlor	9.88		ug/Kg	U	YES															
Methoxychlor	9.88		ug/Kg	U	YES															
Toxaphene	32.9		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

4876

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879006

Lab Report Batch : 31101879
 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 : 8081																				
Dilution: 1																				
Toxaphene	32.9		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					UJ									
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES	UJ					UJ									
2,4-D	0.0167		mg/kg	U	YES	UJ					UJ									
2,4-D	0.0167		mg/kg	U	YES	UJ					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	4.52		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.52		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.52		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.52		ug/Kg	U	YES															
1,1-Dichloroethane	4.52		ug/Kg	U	YES	UJ					UJ									
1,1-Dichloroethane	4.52		ug/Kg	U	YES															
1,1-Dichloropropane	4.52		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.52		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.52		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.52		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.52		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	27.1		ug/Kg	U	YES															
1,2-Dibromoethane	4.52		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.52		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

41877

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879006

Lab Report Batch : 31101879
 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	4.52		ug/Kg	U	YES															
1,2-Dichloropropane	4.52		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.52		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.52		ug/Kg	U	YES															
1,3-Dichloropropane	4.52		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.52		ug/Kg	U	YES															
2,2-Dichloropropane	4.52		ug/Kg	U	YES															
2-Butanone	22.6		ug/Kg	U	YES															
2-Chlorotoluene	4.52		ug/Kg	U	YES															
2-Hexanone	11.3		ug/Kg	U	YES															
4-Chlorotoluene	4.52		ug/Kg	U	YES															
4-Isopropyltoluene	4.52		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.3		ug/Kg	U	YES															
Acetone	14.3		ug/Kg	J	YES															
Benzene	4.52		ug/Kg	U	YES															
Bromobenzene	4.52		ug/Kg	U	YES															
Bromochloromethane	4.52		ug/Kg	U	YES															
Bromodichloromethane	4.52		ug/Kg	U	YES															
Bromoform	4.52		ug/Kg	U	YES															
Bromomethane	4.52		ug/Kg	U	YES															
Carbon disulfide	4.52		ug/Kg	U	YES															
Carbon tetrachloride	4.52		ug/Kg	U	YES															
Chlorobenzene	4.52		ug/Kg	U	YES															
Chloroethane	4.52		ug/Kg	U	YES															
Chloroform	4.52		ug/Kg	U	YES															
Chloromethane	4.52		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

4878

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879006

Lab Report Batch : 31101879
 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	Molst Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8280B																				
Dilution: 1																				
cis-1,2-Dichloroethene	4.52		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.52		ug/Kg	U	YES															
Dibromochloromethane	4.52		ug/Kg	U	YES															
Dibromomethane	4.52		ug/Kg	U	YES															
Dichlorodifluoromethane	4.52		ug/Kg	U	YES															
Ethyl Benzene	4.52		ug/Kg	U	YES															
Hexachlorobutadiene	4.52		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.52		ug/Kg	U	YES															
m,p-Xylene	9.03		ug/Kg	U	YES															
Methyl iodide	4.52		ug/Kg	U	YES															
Methylene chloride	0.632		ug/Kg	J	YES	U														
Naphthalene	4.52		ug/Kg	U	YES															
n-Butylbenzene	4.52		ug/Kg	U	YES															
n-Propylbenzene	4.52		ug/Kg	U	YES															
o-Xylene	4.52		ug/Kg	U	YES															
sec-Butylbenzene	4.52		ug/Kg	U	YES															
Styrene	4.52		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.52		ug/Kg	U	YES															
tert-Butylbenzene	4.52		ug/Kg	U	YES															
Tetrachloroethene	4.52		ug/Kg	U	YES															
Toluene	3.33		ug/Kg	J	YES															
trans-1,2-Dichloroethene	4.52		ug/Kg	U	YES	UJ														
trans-1,3-Dichloropropene	4.52		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	22.6		ug/Kg	U	YES															
Trichloroethene	4.52		ug/Kg	U	YES															
Trichlorofluoromethane	4.52		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

4879

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879006

Lab Report Batch : 31101879
 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	Molst Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
Vinyl chloride	4.52		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	331		ug/Kg	U	YES															
1,2-Dichlorobenzene	331		ug/Kg	U	YES															
1,3-Dichlorobenzene	331		ug/Kg	U	YES															
1,4-Dichlorobenzene	331		ug/Kg	U	YES															
2,4,5-Trichlorophenol	331		ug/Kg	U	YES															
2,4,6-Trichlorophenol	331		ug/Kg	U	YES															
2,4-Dichlorophenol	331		ug/Kg	U	YES															
2,4-Dimethylphenol	331		ug/Kg	U	YES															
2,4-Dinitrotoluene	331		ug/Kg	U	YES															
2,6-Dinitrotoluene	331		ug/Kg	U	YES															
2-Chloronaphthalene	331		ug/Kg	U	YES															
2-Chlorophenol	331		ug/Kg	U	YES															
2-Methylnaphthalene	331		ug/Kg	U	YES															
2-Methylphenol	331		ug/Kg	U	YES															
2-Nitroaniline	331		ug/Kg	U	YES															
2-Nitrophenol	331		ug/Kg	U	YES															
3 and/or 4-Methylphenol	331		ug/Kg	U	YES															
3-Nitroaniline	331		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	331		ug/Kg	U	YES															
4-Chloro-3-methylphenol	331		ug/Kg	U	YES															
4-Chloroaniline	331		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	331		ug/Kg	U	YES															
4-Nitroaniline	331		ug/Kg	U	YES															
4-Nitrophenol	331		ug/Kg	U	YES															
Acenaphthene	331		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

4880

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879006

Lab Report Batch : 31101879
 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	331		ug/Kg	U	YES															
Anthracene	331		ug/Kg	U	YES															
Benzo(a)anthracene	331		ug/Kg	U	YES															
Benzo(a)pyrene	331		ug/Kg	U	YES															
Benzo(b)fluoranthene	331		ug/Kg	U	YES															
Benzo(g,h,i)perylene	331		ug/Kg	U	YES															
Benzo(k)fluoranthene	331		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	331		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	331		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	331		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	331		ug/Kg	U	YES															
Butyl benzyl phthalate	331		ug/Kg	U	YES															
Chrysene	331		ug/Kg	U	YES															
Dibenz(a,h)anthracene	331		ug/Kg	U	YES															
Dibenzofuran	331		ug/Kg	U	YES															
Diethyl phthalate	331		ug/Kg	U	YES															
Dimethyl phthalate	331		ug/Kg	U	YES															
Di-n-butyl phthalate	331		ug/Kg	U	YES															
Di-n-octyl phthalate	331		ug/Kg	U	YES															
Fluoranthene	331		ug/Kg	U	YES															
Fluorene	331		ug/Kg	U	YES															
Hexachlorobenzene	331		ug/Kg	U	YES															
Hexachlorobutadiene	331		ug/Kg	U	YES															
Hexachlorocyclopentadiene	331		ug/Kg	U	YES															
Hexachloroethane	331		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	331		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

4881

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879006

Lab Report Batch : 31101879
 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	Molst Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Isophorone	331		ug/Kg	U	YES															
Naphthalene	331		ug/Kg	U	YES															
Nitrobenzene	331		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	331		ug/Kg	U	YES															
Pentachlorophenol	331		ug/Kg	U	YES															
Phenanthrene	331		ug/Kg	U	YES															
Phenol	331		ug/Kg	U	YES															
Pyrene	331		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

4882

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879007

Lab Report Batch : 31101879
 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	1.72		mg/kg		YES	J						J								
Barium	96.7		mg/kg		YES	J						J								
Cadmium	0.572		mg/kg		YES	UJ			U			J								
Chromium	2.40		mg/kg		YES															
Lead	5.26		mg/kg		YES	J						J								
Selenium	2.06		mg/kg	U	YES															
Silver	0.272		mg/kg	J	YES	U			U											
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0185		mg/kg	U	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	10.2		ug/Kg	U	YES															
4,4'-DDD	10.2		ug/Kg	U	YES															
4,4'-DDE	10.2		ug/Kg	U	YES															
4,4'-DDE	10.2		ug/Kg	U	YES															
4,4'-DDT	1.53		ug/Kg	J P	YES	U			U											
4,4'-DDT	1.53		ug/Kg	J P	YES	U			U											
Aldrin	10.2		ug/Kg	U	YES															
Aldrin	10.2		ug/Kg	U	YES															
alpha-BHC	10.2		ug/Kg	U	YES															
alpha-BHC	10.2		ug/Kg	U	YES															
alpha-Chlordane	10.2		ug/Kg	U	YES															
alpha-Chlordane	10.2		ug/Kg	U	YES															
beta-BHC	10.2		ug/Kg	U	YES															
beta-BHC	10.2		ug/Kg	U	YES															
Chlordane	33.9		ug/Kg	U	YES															
Chlordane	33.9		ug/Kg	U	YES															
delta-BHC	10.2		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

4883

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S2

Lab Report Batch : 31101879

Lab ID : SGSW

Sample Date : 07/14/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101879007

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	10.2		ug/Kg	U	YES															
Dieldrin	10.2		ug/Kg	U	YES															
Dieldrin	10.2		ug/Kg	U	YES															
Endosulfan I	10.2		ug/Kg	U	YES															
Endosulfan I	10.2		ug/Kg	U	YES															
Endosulfan II	10.2		ug/Kg	U	YES															
Endosulfan II	10.2		ug/Kg	U	YES															
Endosulfan sulfate	10.2		ug/Kg	U	YES															
Endosulfan sulfate	10.2		ug/Kg	U	YES															
Endrin	10.2		ug/Kg	U	YES															
Endrin	10.2		ug/Kg	U	YES															
Endrin aldehyde	10.2		ug/Kg	U	YES															
Endrin aldehyde	10.2		ug/Kg	U	YES															
Endrin ketone	10.2		ug/Kg	U	YES															
Endrin ketone	10.2		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.2		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.2		ug/Kg	U	YES															
gamma-Chlordane	10.2		ug/Kg	U	YES															
gamma-Chlordane	10.2		ug/Kg	U	YES															
Heptachlor	10.2		ug/Kg	U	YES															
Heptachlor	10.2		ug/Kg	U	YES															
Heptachlor epoxide	10.2		ug/Kg	U	YES															
Heptachlor epoxide	10.2		ug/Kg	U	YES															
Methoxychlor	10.2		ug/Kg	U	YES															
Methoxychlor	10.2		ug/Kg	U	YES															
Toxaphene	33.9		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

4884

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879007

Lab Report Batch : 31101879
 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	33.9		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0165		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0165		ug/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															
Dicamba	0.0165		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.68		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.68		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.68		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.68		ug/Kg	U	YES															
1,1-Dichloroethane	4.68		ug/Kg	U	YES	UJ					UJ									
1,1-Dichloroethane	4.68		ug/Kg	U	YES															
1,1-Dichloropropane	4.68		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.68		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.68		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.68		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.68		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	28.1		ug/Kg	U	YES															
1,2-Dibromoethane	4.68		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.68		ug/Kg	U	YES															
1,2-Dichloroethane	4.68		ug/Kg	U	YES															
1,2-Dichloropropane	4.68		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.68		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.68		ug/Kg	U	YES															
1,3-Dichloropropane	4.68		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

4885

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879007

Lab Report Batch : 31101879
 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																				
1,4-Dichlorobenzene	4.68		ug/Kg	U	YES															
2,2-Dichloropropane	4.68		ug/Kg	U	YES															
2-Butanone	23.4		ug/Kg	U	YES															
2-Chlorotoluene	4.68		ug/Kg	U	YES															
2-Hexanone	11.7		ug/Kg	U	YES															
4-Chlorotoluene	4.68		ug/Kg	U	YES															
4-Isopropyltoluene	4.68		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.7		ug/Kg	U	YES															
Acetone	9.78		ug/Kg	J	YES															
Benzene	4.68		ug/Kg	U	YES															
Bromobenzene	4.68		ug/Kg	U	YES															
Bromochloromethane	4.68		ug/Kg	U	YES															
Bromodichloromethane	4.68		ug/Kg	U	YES															
Bromoform	4.68		ug/Kg	U	YES															
Bromomethane	4.68		ug/Kg	U	YES															
Carbon disulfide	4.68		ug/Kg	U	YES															
Carbon tetrachloride	4.68		ug/Kg	U	YES															
Chlorobenzene	4.68		ug/Kg	U	YES															
Chloroethane	4.68		ug/Kg	U	YES															
Chloroform	4.68		ug/Kg	U	YES															
Chloromethane	4.68		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.68		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.68		ug/Kg	U	YES															
Dibromochloromethane	4.68		ug/Kg	U	YES															
Dibromomethane	4.68		ug/Kg	U	YES															
Dichlorodifluoromethane	4.68		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

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Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S2
 Sample Date : 07/14/2011
 Lab Sample ID : 31101879007

Lab Report Batch : 31101879
 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																				
Ethyl Benzene	4.68		ug/Kg	U	YES															
Hexachlorobutadiene	4.68		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.68		ug/Kg	U	YES															
m,p-Xylene	9.36		ug/Kg	U	YES															
Methyl iodide	4.68		ug/Kg	U	YES															
Methylene chloride	18.7		ug/Kg	U	YES															
Naphthalene	4.68		ug/Kg	U	YES															
n-Butylbenzene	4.68		ug/Kg	U	YES															
n-Propylbenzene	4.68		ug/Kg	U	YES															
o-Xylene	4.68		ug/Kg	U	YES															
sec-Butylbenzene	4.68		ug/Kg	U	YES															
Styrene	4.68		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.68		ug/Kg	U	YES															
tert-Butylbenzene	4.68		ug/Kg	U	YES															
Tetrachloroethene	4.68		ug/Kg	U	YES															
Toluene	3.35		ug/Kg	J	YES															
trans-1,2-Dichloroethene	4.68		ug/Kg	U	YES	UJ					UJ									
trans-1,3-Dichloropropene	4.68		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	23.4		ug/Kg	U	YES															
Trichloroethene	4.68		ug/Kg	U	YES															
Trichlorofluoromethane	4.68		ug/Kg	U	YES															
Vinyl chloride	4.68		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															

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

4887

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879007

Lab Report Batch : 31101879
 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																				
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-Dinitrophenol	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															
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															

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

4887.1

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S2

Lab Report Batch : 31101879

Lab ID : SGSW

Sample Date : 07/14/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101879007

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																				
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															
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															

Project Number and Name: 11-032E - 11-032E Carrol 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

41888

Sample Qualification Report (All Analytes)

Client Sample ID : E11-125-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879007

Lab Report Batch : 31101879
 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																				
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

4889

Sample Qualification Report (All Analytes)

Client Sample ID : E11-126-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879004

Lab Report Batch : 31101879
 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	2.43		mg/kg		YES	J						J								
Barium	68.4		mg/kg		YES	J						J								
Cadmium	0.692		mg/kg		YES	J						J								
Chromium	2.54		mg/kg		YES	J														
Lead	7.63		mg/kg		YES	J						J								
Selenium	2.11		mg/kg	U	YES															
Silver	0.196		mg/kg	J	YES	U			U											
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0215		mg/kg	U	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	2.11		ug/Kg	J	YES															
4,4'-DDD	2.11		ug/Kg	J	YES															
4,4'-DDE	3.40		ug/Kg	J	YES															
4,4'-DDE	3.40		ug/Kg	J	YES															
4,4'-DDT	3.04		ug/Kg	J P	YES	U			U											
4,4'-DDT	3.04		ug/Kg	J P	YES	U			U											
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	33.8		ug/Kg	U	YES															
Chlordane	33.8		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

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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

4890

Sample Qualification Report (All Analytes)

Client Sample ID : E11-126-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879004

Lab Report Batch : 31101879
 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	33.8		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 08:22

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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

4891

Sample Qualification Report (All Analytes)

Client Sample ID : E11-126-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879004

Lab Report Batch : 31101879
 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	33.8		ug/Kg	U	YES															
Analysis Method : 8161																				
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							UJ							
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES	UJ							UJ							
2,4'-D	0.0167		mg/kg	U	YES	UJ							UJ							
2,4-D	0.0167		mg/kg	U	YES	UJ							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	4.27		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.27		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.27		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.27		ug/Kg	U	YES															
1,1-Dichloroethane	4.27		ug/Kg	U	YES	UJ							UJ							
1,1-Dichloroethene	4.27		ug/Kg	U	YES															
1,1-Dichloropropene	4.27		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.27		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.27		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.27		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.27		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	25.6		ug/Kg	U	YES															
1,2-Dibromoethane	4.27		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.27		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:22

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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

4892

Sample Qualification Report (All Analytes)

Client Sample ID : E11-126-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879004

Lab Report Batch : 31101879
 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	4.27		ug/Kg	U	YES															
1,2-Dichloropropane	4.27		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.27		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.27		ug/Kg	U	YES															
1,3-Dichloropropane	4.27		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.27		ug/Kg	U	YES															
2,2-Dichloropropane	4.27		ug/Kg	U	YES															
2-Butanone	25.4		ug/Kg		YES															
2-Chlorotoluene	4.27		ug/Kg	U	YES															
2-Hexanone	10.7		ug/Kg	U	YES															
4-Chlorotoluene	4.27		ug/Kg	U	YES															
4-Isopropyltoluene	4.27		ug/Kg	U	YES															
4-Methyl-2-pentanone	10.7		ug/Kg	U	YES															
Acetone	128		ug/Kg		YES															
Benzene	4.27		ug/Kg	U	YES															
Bromobenzene	4.27		ug/Kg	U	YES															
Bromochloromethane	4.27		ug/Kg	U	YES															
Bromodichloromethane	4.27		ug/Kg	U	YES															
Bromoform	4.27		ug/Kg	U	YES															
Bromomethane	4.27		ug/Kg	U	YES															
Carbon disulfide	4.27		ug/Kg	U	YES															
Carbon tetrachloride	4.27		ug/Kg	U	YES															
Chlorobenzene	4.27		ug/Kg	U	YES															
Chloroethane	4.27		ug/Kg	U	YES															
Chloroform	4.27		ug/Kg	U	YES															
Chloromethane	4.27		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 08:22

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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

4893

Sample Qualification Report (All Analytes)

Client Sample ID : E11-126-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879004

Lab Report Batch : 31101879
 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	4.27		ug/Kg	U	YES																
cis-1,3-Dichloropropene	4.27		ug/Kg	U	YES																
Dibromochloromethane	4.27		ug/Kg	U	YES																
Dibromomethane	4.27		ug/Kg	U	YES																
Dichlorodifluoromethane	4.27		ug/Kg	U	YES																
Ethyl Benzene	4.27		ug/Kg	U	YES																
Hexachlorobutadiene	4.27		ug/Kg	U	YES																
Isopropylbenzene (Cumene)	4.27		ug/Kg	U	YES																
m,p-Xylene	8.54		ug/Kg	U	YES																
Methyl iodide	4.27		ug/Kg	U	YES																
Methylene chloride	17.1		ug/Kg	U	YES																
Naphthalene	4.27		ug/Kg	U	YES																
n-Butylbenzene	4.27		ug/Kg	U	YES																
n-Propylbenzene	4.27		ug/Kg	U	YES																
o-Xylene	4.27		ug/Kg	U	YES																
sec-Butylbenzene	4.27		ug/Kg	U	YES																
Styrene	4.27		ug/Kg	U	YES																
tert-Butyl methyl ether (MTBE)	4.27		ug/Kg	U	YES																
tert-Butylbenzene	4.27		ug/Kg	U	YES																
Tetrachloroethene	4.27		ug/Kg	U	YES																
Toluene	3.88		ug/Kg	J	YES																
trans-1,2-Dichloroethene	4.27		ug/Kg	U	YES	UJ															
trans-1,3-Dichloropropene	4.27		ug/Kg	U	YES																
trans-1,4-Dichloro-2-butene	21.3		ug/Kg	U	YES																
Trichloroethene	4.27		ug/Kg	U	YES																
Trichlorofluoromethane	4.27		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

4894

Sample Qualification Report (All Analytes)

Client Sample ID : E11-126-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879004

Lab Report Batch : 31101879
 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																		
Vinyl chloride	4.27		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

4895

Sample Qualification Report (All Analytes)

Client Sample ID : E11-126-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879004

Lab Report Batch : 31101879
 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															

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

4896

Sample Qualification Report (All Analytes)

Client Sample ID : E11-126-S1
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879004

Lab Report Batch : 31101879
 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															
Phenanthrene	338		ug/Kg	U	YES															
Phenol	338		ug/Kg	U	YES															
Pyrene	338		ug/Kg	U	YES															

4897

Sample Qualification Report (All Analytes)

Client Sample ID : E11-126-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879005

Lab Report Batch : 31101879
 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 : 6010C																				
Dilution: 1																				
Arsenic	3.41		mg/kg		YES	J						J								
Barium	85.6		mg/kg		YES	J						J								
Cadmium	0.653		mg/kg		YES	UJ			U			J								
Chromium	1.24		mg/kg		YES	U			U											
Lead	8.83		mg/kg		YES	J						J								
Selenium	2.09		mg/kg	U	YES															
Silver	0.234		mg/kg	J	YES	U			U											
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0198		mg/kg	U	YES															
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	9.78		ug/Kg	U	YES															
4,4'-DDD	9.78		ug/Kg	U	YES															
4,4'-DDE	9.78		ug/Kg	U	YES															
4,4'-DDE	9.78		ug/Kg	U	YES															
4,4'-DDT	1.57		ug/Kg	J P	YES	U			U											
4,4'-DDT	1.57		ug/Kg	J P	YES	U			U											
Aldrin	9.78		ug/Kg	U	YES															
Aldrin	9.78		ug/Kg	U	YES															
alpha-BHC	9.78		ug/Kg	U	YES															
alpha-BHC	9.78		ug/Kg	U	YES															
alpha-Chlordane	9.78		ug/Kg	U	YES															
alpha-Chlordane	9.78		ug/Kg	U	YES															
beta-BHC	9.78		ug/Kg	U	YES															
beta-BHC	9.78		ug/Kg	U	YES															
Chlordane	32.6		ug/Kg	U	YES															
Chlordane	32.6		ug/Kg	U	YES															
delta-BHC	9.78		ug/Kg	U	YES															

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

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4898

Sample Qualification Report (All Analytes)

Client Sample ID : E11-126-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879005

Lab Report Batch : 31101879
 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	9.78		ug/Kg	U	YES															
Dieldrin	9.78		ug/Kg	U	YES															
Dieldrin	9.78		ug/Kg	U	YES															
Endosulfan I	9.78		ug/Kg	U	YES															
Endosulfan I	9.78		ug/Kg	U	YES															
Endosulfan II	9.78		ug/Kg	U	YES															
Endosulfan II	9.78		ug/Kg	U	YES															
Endosulfan sulfate	9.78		ug/Kg	U	YES															
Endosulfan sulfate	9.78		ug/Kg	U	YES															
Endrin	9.78		ug/Kg	U	YES															
Endrin	9.78		ug/Kg	U	YES															
Endrin aldehyde	9.78		ug/Kg	U	YES															
Endrin aldehyde	9.78		ug/Kg	U	YES															
Endrin ketone	9.78		ug/Kg	U	YES															
Endrin ketone	9.78		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.78		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.78		ug/Kg	U	YES															
gamma-Chlordane	9.78		ug/Kg	U	YES															
gamma-Chlordane	9.78		ug/Kg	U	YES															
Heptachlor	9.78		ug/Kg	U	YES															
Heptachlor	9.78		ug/Kg	U	YES															
Heptachlor epoxide	9.78		ug/Kg	U	YES															
Heptachlor epoxide	9.78		ug/Kg	U	YES															
Methoxychlor	9.78		ug/Kg	U	YES															
Methoxychlor	9.78		ug/Kg	U	YES															
Toxaphene	32.6		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

4899

Sample Qualification Report (All Analytes)

Client Sample ID : E11-126-S2
 Sample Date : 07/14/2011
 Lab Sample ID: 31101879005

Lab Report Batch : 31101879
 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	32.6		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	UJ						UJ								
2,4,5-TP (Silvex)	0.0169		mg/kg	U	YES	UJ						UJ								
2,4-D	0.0169		mg/kg	U	YES	UJ						UJ								
2,4-D	0.0169		mg/kg	U	YES	UJ						UJ								
2,4-DB	0.0169		mg/kg	U	YES															
2,4-DB	0.0169		mg/kg	U	YES															
Dicamba	0.0169		mg/kg	U	YES															
Dicamba	0.0169		mg/kg	U	YES															
Analysis Method : 8260B				Dilution: 1																
1,1,1,2-Tetrachloroethane	4.05		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.05		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.05		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.05		ug/Kg	U	YES															
1,1-Dichloroethane	4.05		ug/Kg	U	YES	UJ						UJ								
1,1-Dichloroethene	4.05		ug/Kg	U	YES															
1,1-Dichloropropene	4.05		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.05		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.05		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.05		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.05		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	24.3		ug/Kg	U	YES															
1,2-Dibromoethane	4.05		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.05		ug/Kg	U	YES															

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

Library Used: CampCarroll

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