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Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872029

Lab Report Batch : 31101872  
 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/Dts	Field QC	Tune	IC	ICV	CV / CCV
<b>Analysis Method : 6010C</b>				<b>Dilution: 1</b>																
Arsenic	2.70		mg/kg		YES															
Arsenic	2.70		mg/kg		YES															
Barium	50.5		mg/kg		YES															
Barium	50.5		mg/kg		YES															
Cadmium	0.597		mg/kg		YES	U							U							
Cadmium	0.597		mg/kg		YES	U							U							
Chromium	5.44		mg/kg		YES															
Chromium	5.44		mg/kg		YES															
Lead	14.1		mg/kg		YES															
Lead	14.1		mg/kg		YES															
Selenium	2.22		mg/kg	U	YES															
Selenium	2.22		mg/kg	U	YES															
Silver	1.11		mg/kg	U	YES															
Silver	1.11		mg/kg	U	YES															
<b>Analysis Method : 7471B</b>				<b>Dilution: 1</b>																
Mercury	0.00741		mg/kg	J	YES															
<b>Analysis Method : 8081</b>				<b>Dilution: 1</b>																
4,4'-DDD	10.8		ug/kg	U	YES															
4,4'-DDD	10.8		ug/kg	U	YES															
4,4'-DDF	10.8		ug/kg	U	YES															
4,4'-DDE	10.8		ug/kg	U	YES															
4,4'-DDT	1.38		ug/kg	J,P	YES	U							U							
4,4'-DDT	1.38		ug/kg	J,P	YES	U							U							
Aldrin	10.8		ug/kg	U	YES															
Aldrin	10.8		ug/kg	U	YES															
alpha-BHC	10.8		ug/kg	U	YES															
alpha-BHC	10.8		ug/kg	U	YES															

Project Number and Name: 102 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5701

Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872029

Lab Report Batch : 31101872  
 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																				
alpha-Chlordane	10.8		ug/Kg	U	YES															
alpha-Chlordane	10.8		ug/Kg	U	YES															
beta-BHC	10.8		ug/Kg	U	YES															
beta-BHC	10.8		ug/Kg	U	YES															
Chlordane	36.0		ug/Kg	U	YES															
Chlordane	36.0		ug/Kg	U	YES															
delta-BHC	10.8		ug/Kg	U	YES															
delta-BHC	10.8		ug/Kg	U	YES															
Dieldrin	10.8		ug/Kg	U	YES															
Dieldrin	10.8		ug/Kg	U	YES															
Endosulfan I	10.8		ug/Kg	U	YES															
Endosulfan I	10.8		ug/Kg	U	YES															
Endosulfan II	10.8		ug/Kg	U	YES															
Endosulfan II	10.8		ug/Kg	U	YES															
Endosulfan sulfate	10.8		ug/Kg	U	YES															
Endosulfan sulfate	10.8		ug/Kg	U	YES															
Endrin	10.8		ug/Kg	U	YES															
Endrin	10.8		ug/Kg	U	YES															
Endrin aldehyde	10.8		ug/Kg	U	YES															
Endrin aldehyde	10.8		ug/Kg	U	YES															
Endrin ketone	10.8		ug/Kg	U	YES															
Endrin ketone	10.8		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.8		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.8		ug/Kg	U	YES															
gamma-Chlordane	10.8		ug/Kg	U	YES															
gamma-Chlordane	10.8		ug/Kg	U	YES															

Project Number and Name: 102 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5702

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872029

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 8081</b>																				
<b>Dilution: 1</b>																				
Heptachlor	10.8		ug/Kg	U	YES															
Heptachlor	10.8		ug/Kg	U	YES															
Heptachlor epoxide	10.8		ug/Kg	U	YES															
Heptachlor epoxide	10.8		ug/Kg	U	YES															
Methoxychlor	10.8		ug/Kg	U	YES															
Methoxychlor	10.8		ug/Kg	U	YES															
Toxaphene	36.0		ug/Kg	U	YES															
Toxaphene	36.0		ug/Kg	U	YES															
<b>Analysis Method : 8151</b>																				
<b>Dilution: 1</b>																				
2,4,5-T	0.0180		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0180		mg/kg	U	YES															
2,4-D	0.0180		mg/kg	U	YES															
2,4-DB	0.0180		mg/kg	U	YES															
Dicamba	0.0180		mg/kg	U	YES															
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
1,1,1,2-Tetrachloroethane	4.10		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.10		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.10		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.10		ug/Kg	U	YES															
1,1-Dichloroethane	4.10		ug/Kg	U	YES															
1,1-Dichloroethene	4.10		ug/Kg	U	YES															
1,1-Dichloropropene	4.10		ug/Kg	U	YCC															
1,2,3-Trichlorobenzene	4.10		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.10		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.10		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.10		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	24.6		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5703

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872029

Lab Report Batch : 31101872  
 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-Dibromoethane	4.10		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.10		ug/Kg	U	YES															
1,2-Dichloroethane	4.10		ug/Kg	U	YES															
1,2-Dichloropropane	4.10		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.10		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.10		ug/Kg	U	YES															
1,3-Dichloropropane	4.10		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.10		ug/Kg	U	YES															
2,2-Dichloropropane	4.10		ug/Kg	U	YES															
2-Butanone	20.5		ug/Kg	U	YES															
2-Chlorotoluene	4.10		ug/Kg	U	YES															
2-Hexanone	10.3		ug/Kg	U	YES															
4-Chlorotoluene	4.10		ug/Kg	U	YES															
4-Isopropyltoluene	4.10		ug/Kg	U	YES															
4-Methyl-2-pentanone	10.3		ug/Kg	U	YES															
Acetone	25.9		ug/Kg	J	YES															
Benzene	4.10		ug/Kg	U	YES															
Bromobenzene	4.10		ug/Kg	U	YES															
Bromochloromethane	4.10		ug/Kg	U	YES															
Bromo-dichloromethane	4.10		ug/Kg	U	YES															
Bromoforn	4.10		ug/Kg	U	YES															
Bromomethane	4.10		ug/Kg	U	YES															
Carbon disulfide	4.10		ug/Kg	U	YES															
Carbon tetrachloride	4.10		ug/Kg	U	YES															
Chlorobenzene	4.10		ug/Kg	U	YES															
Chloroethane	4.10		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8 2

Report Date: 9/6/2011 08:59

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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

5704

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872029

Lab Report Batch : 31101872  
 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																				
Chloroform	4.10		ug/Kg	U	YES															
Chloromethane	4.10		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.10		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.10		ug/Kg	U	YES															
Dibromochloromethane	4.10		ug/Kg	U	YES															
Dibromomethane	4.10		ug/Kg	U	YES															
Dichlorodifluoromethane	4.10		ug/Kg	U	YES															
Ethyl Benzene	4.10		ug/Kg	U	YES															
Hexachlorobutadiene	4.10		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.10		ug/Kg	U	YES															
m,p-Xylene	8.21		ug/Kg	U	YES															
Methyl iodide	4.10		ug/Kg	U	YES															
Methylene chloride	16.4		ug/Kg	U	YES															
Naphthalene	4.10		ug/Kg	U	YES															
n-Butylbenzene	4.10		ug/Kg	U	YES															
n-Propylbenzene	4.10		ug/Kg	U	YES															
o-Xylene	4.10		ug/Kg	U	YES															
sec-Butylbenzene	4.10		ug/Kg	U	YES															
Styrene	4.10		ug/Kg	U	YES	UJ					UJ									
tert-Butyl methyl ether (MTBE)	4.10		ug/Kg	U	YES															
tert-Butylbenzene	4.10		ug/Kg	U	YES															
Tetrachloroethene	20.3		ug/Kg		YES															
Toluene	4.10		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.10		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.10		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	20.5		ug/Kg	U	YES															

Project Number and Name: 102 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 82

Report Date: 9/6/2011 08:59

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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

5705

Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872029

Lab Report Batch : 31101872  
 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																				
Trichloroethene	4.10		ug/Kg	U	YES															
Trichlorofluoromethane	4.10		ug/Kg	U	YES															
Vinyl chloride	4.10		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	349		ug/Kg	U	YES															
1,2-Dichlorobenzene	349		ug/Kg	U	YES															
1,3-Dichlorobenzene	349		ug/Kg	U	YES															
1,4-Dichlorobenzene	349		ug/Kg	U	YES															
2,4,5-Trichlorophenol	349		ug/Kg	U	YES	UJ				UJ										
2,4,6-Trichlorophenol	349		ug/Kg	U	YES	UJ				UJ										
2,4-Dichlorophenol	349		ug/Kg	U	YES															
2,4-Dimethylphenol	349		ug/Kg	U	YES															
2,4-Dinitrotoluene	349		ug/Kg	U	YES															
2,6-Dinitrotoluene	349		ug/Kg	U	YES	UJ				UJ										
2-Chloronaphthalene	349		ug/Kg	U	YES	UJ				UJ										
2-Chlorophenol	349		ug/Kg	U	YES															
2-Methylnaphthalene	349		ug/Kg	U	YES															
2-Methylphenol	349		ug/Kg	U	YES															
2-Nitroaniline	349		ug/Kg	U	YES	UJ				UJ										
2-Nitrophenol	349		ug/Kg	U	YES															
3 and/or 4-Methylphenol	349		ug/Kg	U	YES															
3-Nitroaniline	349		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	349		ug/Kg	U	YES															
4-Chloro-3-methylphenol	349		ug/Kg	U	YES															
4-Chloroaniline	349		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	349		ug/Kg	U	YES															
4-Nitroaniline	349		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5706

Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872029

Lab Report Batch : 31101872  
 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-Nitrophenol	349		ug/Kg	U	YES	UJ														
Acenaphthene	349		ug/Kg	U	YES	UJ														
Acenaphthylene	349		ug/Kg	U	YES	UJ														
Anthracene	349		ug/Kg	U	YES															
Benzo(a)anthracene	349		ug/Kg	U	YES															
Benzo(a)pyrene	349		ug/Kg	U	YES															
Benzo(b)fluoranthene	349		ug/Kg	U	YES															
Benzo(g,h,i)perylene	349		ug/Kg	U	YES															
Benzo(k)fluoranthene	349		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	349		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	349		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	349		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	349		ug/Kg	U	YES															
Butyl benzyl phthalate	349		ug/Kg	U	YES															
Chrysene	349		ug/Kg	U	YES															
Dibenz(a,h)anthracene	349		ug/Kg	U	YES															
Dibenzofuran	349		ug/Kg	U	YES															
Diethyl phthalate	349		ug/Kg	U	YES															
Dimethyl phthalate	349		ug/Kg	U	YES	UJ														
Di-n-butyl phthalate	349		ug/Kg	U	YES															
Di-n-octyl phthalate	349		ug/Kg	U	YES															
Fluoranthene	349		ug/Kg	U	YES															
Fluorene	349		ug/Kg	U	YES															
Hexachlorobenzene	349		ug/Kg	U	YES															
Hexachlorobutadiene	349		ug/Kg	U	YES															
Hexachlorocyclopentadiene	349		ug/Kg	U	YES															

Project Number and Name: i\*x - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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 : E11-115-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872029

Lab Report Batch : 31101872  
 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																				
Hexachloroethane	349		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	349		ug/Kg	U	YES															
Isophorone	349		ug/Kg	U	YES															
Naphthalene	349		ug/Kg	U	YES															
Nitrobenzene	349		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	349		ug/Kg	U	YES															
Pentachlorophenol	349		ug/Kg	U	YES															
Phenanthrene	349		ug/Kg	U	YES															
Phenol	349		ug/Kg	U	YES															
Pyrene	349		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5708

Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S4

Lab Report Batch : 31101872

Lab ID : SGSW

Sample Date : 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872030

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
<b>Analysis Method : 6010C</b>				<b>Dilution: 1</b>																
Arsenic	1.48		mg/kg		YES															
Arsenic	1.48		mg/kg		YES															
Barium	89.3		mg/kg		YES															
Barium	89.3		mg/kg		YES															
Cadmium	0.568		mg/kg		YES	U			U											
Cadmium	0.568		mg/kg		YES	U			U											
Chromium	3.79		mg/kg		YES															
Chromium	3.79		mg/kg		YES															
Lead	6.63		mg/kg		YES															
Lead	6.63		mg/kg		YES															
Selenium	2.07		mg/kg	U	YES															
Selenium	2.07		mg/kg	U	YES															
Silver	1.04		mg/kg	U	YES															
Silver	1.04		mg/kg	U	YES															
<b>Analysis Method : 7471B</b>				<b>Dilution: 1</b>																
Mercury	0.00166		mg/kg	J	YES															
<b>Analysis Method : 8081</b>				<b>Dilution: 1</b>																
4,4'-DDD	11.0		ug/Kg	U	YES															
4,4'-DDD	11.0		ug/Kg	U	YCC															
4,4'-DDE	11.0		ug/Kg	U	YES															
4,4'-DDE	11.0		ug/Kg	U	YES															
4,4'-DDT	1.04		ug/Kg	J P	YES	U			U											
4,4'-DDT	1.04		ug/Kg	J P	YES	U			U											
Aldrin	11.0		ug/Kg	U	YES															
Aldrin	11.0		ug/Kg	U	YES															
alpha-BHC	11.0		ug/Kg	U	YES															
alpha-BHC	11.0		ug/Kg	U	YES															

Project Number and Name: Y2 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 06/2011 08:50

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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

5709

Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872030

Lab Report Batch : 31101872  
 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 : 8061																				
Dilution: 1																				
alpha-Chlordane	11.0		ug/Kg	U	YES															
alpha-Chlordane	11.0		ug/Kg	U	YES															
beta-BHC	11.0		ug/Kg	U	YES															
beta-BHC	11.0		ug/Kg	U	YES															
Chlordane	36.8		ug/Kg	U	YES															
Chlordane	36.8		ug/Kg	U	YES															
delta-BHC	11.0		ug/Kg	U	YES															
delta-BHC	11.0		ug/Kg	U	YES															
Dieldrin	11.0		ug/Kg	U	YES															
Dieldrin	11.0		ug/Kg	U	YES															
Endosulfan I	11.0		ug/Kg	U	YES															
Endosulfan I	11.0		ug/Kg	U	YES															
Endosulfan II	11.0		ug/Kg	U	YES															
Endosulfan II	11.0		ug/Kg	U	YES															
Endosulfan sulfate	11.0		ug/Kg	U	YES															
Endosulfan sulfate	11.0		ug/Kg	U	YES															
Endrin	11.0		ug/Kg	U	YES															
Endrin	11.0		ug/Kg	U	YES															
Endrin aldehyde	11.0		ug/Kg	U	YES															
Endrin aldehyde	11.0		ug/Kg	U	YES															
Endrin ketone	11.0		ug/Kg	U	YES															
Endrin ketone	11.0		ug/Kg	U	YES															
gamma-BHC (Lindane)	1.77		ug/Kg	J	YES	U														
gamma-BHC (Lindane)	1.77		ug/Kg	J	YES	U														
gamma-Chlordane	11.0		ug/Kg	U	YES															
gamma-Chlordane	11.0		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 0.2

Report Date: 9/6/2011 08:59

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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

5710

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S4

Lab Report Batch : 31101872

Lab ID : SGSW

Sample Date : 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872030

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
<b>Analysis Method : 8081</b>																				
<b>Dilution: 1</b>																				
Heptachlor	11.0		ug/Kg	U	YES															
Heptachlor	11.0		ug/Kg	U	YES															
Heptachlor epoxide	11.0		ug/Kg	U	YES															
Heptachlor epoxide	11.0		ug/Kg	U	YES															
Methoxychlor	11.0		ug/Kg	U	YES															
Methoxychlor	11.0		ug/Kg	U	YES															
Toxaphene	36.8		ug/Kg	U	YES															
Toxaphene	36.8		ug/Kg	U	YES															
<b>Analysis Method : 8151</b>																				
<b>Dilution: 1</b>																				
2,4,5-T	0.0184		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0184		mg/kg	U	YES															
2,4'-D	0.0184		mg/kg	U	YES															
2,4-DB	0.0184		mg/kg	U	YES															
Dicamba	0.0184		mg/kg	U	YES															
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
1,1,1,2-Tetrachloroethane	4.55		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.55		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.55		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.55		ug/Kg	U	YES															
1,1-Dichloroethane	4.55		ug/Kg	U	YES															
1,1-Dichloroethene	4.55		ug/Kg	U	YES															
1,1-Dichloropropene	4.55		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.55		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.55		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.55		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.55		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	27.3		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 00:59

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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

5711

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872030

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
1,2-Dibromoethane	4.55		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.55		ug/Kg	U	YES															
1,2-Dichloroethane	4.55		ug/Kg	U	YES															
1,2-Dichloropropane	4.55		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.55		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.55		ug/Kg	U	YES															
1,3-Dichloropropane	4.55		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.55		ug/Kg	U	YES															
2,2-Dichloropropane	4.55		ug/Kg	U	YES															
2-Butanone	7.57		ug/Kg	J	YES	J					J									
2-Chlorotoluene	4.55		ug/Kg	U	YES															
2-Hexanone	11.4		ug/Kg	U	YES															
4-Chlorotoluene	4.55		ug/Kg	U	YES															
4-Isopropyltoluene	4.55		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.4		ug/Kg	U	YES															
Acetone	38.7		ug/Kg	J	YES															
Benzene	4.55		ug/Kg	U	YES															
Bromobenzene	4.55		ug/Kg	U	YES															
Bromodichloromethane	4.55		ug/Kg	U	YES															
Bromodichloromethane	4.55		ug/Kg	U	YES															
Bromofom	4.55		ug/Kg	U	YES															
Bromomethane	4.55		ug/Kg	U	YES															
Carbon disulfide	4.55		ug/Kg	U	YES															
Carbon tetrachloride	4.55		ug/Kg	U	YES															
Chlorobenzene	4.55		ug/Kg	U	YES															
Chloroethane	4.55		ug/Kg	U	YES															

Project Number and Name: 1x2 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 06/2011 08:50

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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

5712

Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872030

Lab Report Batch : 31101872  
 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																				
Chloroform	4.55		ug/Kg	U	YES															
Chloromethane	4.55		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.55		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.55		ug/Kg	U	YES															
Dibromochloromethane	4.55		ug/Kg	U	YES															
Dibromomethane	4.55		ug/Kg	U	YES															
Dichlorodifluoromethane	4.55		ug/Kg	U	YES															
Ethyl Benzene	4.55		ug/Kg	U	YES															
Hexachlorobutadiene	4.55		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.55		ug/Kg	U	YES															
m,p-Xylene	9.10		ug/Kg	U	YES															
Methyl iodide	4.55		ug/Kg	U	YES															
Methylene chloride	1.17		ug/Kg	J	YES															
Naphthalene	4.55		ug/Kg	U	YES															
n-Butylbenzene	4.55		ug/Kg	U	YES															
n-Propylbenzene	4.55		ug/Kg	U	YES															
o-Xylene	4.55		ug/Kg	U	YES															
sec-Butylbenzene	4.55		ug/Kg	U	YES															
Styrene	4.55		ug/Kg	U	YES	UJ					UJ									
tert-Butyl methyl ether (MTBE)	4.55		ug/Kg	U	YES															
tert-Butylbenzene	4.55		ug/Kg	U	YES															
Tetrachloroethene	1.47		ug/Kg	J	YES															
Toluene	4.55		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.55		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.55		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	22.8		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 00:59

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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

5713

Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872030

Lab Report Batch : 31101872  
 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																				
Trichloroethene	4.55		ug/Kg	U	YES															
Trichlorofluoromethane	4.55		ug/Kg	U	YES															
Vinyl chloride	4.55		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	368		ug/Kg	U	YES															
1,2-Dichlorobenzene	368		ug/Kg	U	YES															
1,3-Dichlorobenzene	368		ug/Kg	U	YES															
1,4-Dichlorobenzene	368		ug/Kg	U	YES															
2,4,5-Trichlorophenol	368		ug/Kg	U	YES	UJ					UJ									
2,4,6-Trichlorophenol	368		ug/Kg	U	YES	UJ					UJ									
2,4-Dichlorophenol	368		ug/Kg	U	YES															
2,4-Dimethylphenol	368		ug/Kg	U	YES															
2,4-Dinitrotoluene	368		ug/Kg	U	YES															
2,6-Dinitrotoluene	368		ug/Kg	U	YES	UJ					UJ									
2-Chloronaphthalene	368		ug/Kg	U	YES	UJ					UJ									
2-Chlorophenol	368		ug/Kg	U	YES															
2-Methylnaphthalene	368		ug/Kg	U	YES															
2-Methylphenol	368		ug/Kg	U	YES															
2-Nitroaniline	300		ug/Kg	U	YES	UJ					UJ									
2-Nitrophenol	368		ug/Kg	U	YES															
3 and/or 4-Methylphenol	368		ug/Kg	U	YES															
3-Nitroaniline	368		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	368		ug/Kg	U	YES															
4-Chloro-3-methylphenol	368		ug/Kg	U	YES															
4-Chloroaniline	368		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	368		ug/Kg	U	YES															
4-Nitroaniline	368		ug/Kg	U	YES															

Project Number and Name: Y\*2 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 0/6/2011 08:50

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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

5714

Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872030

Lab Report Batch : 31101872  
 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-Nitrophenol	368		ug/Kg	U	YES	UJ														
Acenaphthene	368		ug/Kg	U	YES	UJ														
Acenaphthylene	368		ug/Kg	U	YES	UJ														
Anthracene	368		ug/Kg	U	YES															
Benzo(a)anthracene	368		ug/Kg	U	YES															
Benzo(a)pyrene	368		ug/Kg	U	YES															
Benzo(b)fluoranthene	368		ug/Kg	U	YES															
Benzo(g,h,i)perylene	368		ug/Kg	U	YES															
Benzo(k)fluoranthene	368		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	368		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	368		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	368		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	368		ug/Kg	U	YES															
Butyl benzyl phthalate	368		ug/Kg	U	YES															
Chrysene	368		ug/Kg	U	YES															
Dibenz(a,h)anthracene	368		ug/Kg	U	YES															
Dibenzofuran	368		ug/Kg	U	YES															
Diethyl phthalate	368		ug/Kg	U	YES															
Dimethyl phthalate	368		ug/Kg	U	YES	UJ														
Di-n-butyl phthalate	368		ug/Kg	U	YES															
Di-n-octyl phthalate	368		ug/Kg	U	YES															
Fluoranthene	368		ug/Kg	U	YES															
Fluorene	368		ug/Kg	U	YES															
Hexachlorobenzene	368		ug/Kg	U	YES															
Hexachlorobutadiene	368		ug/Kg	U	YES															
Hexachlorocyclopentadiene	368		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/0/2011 06:59

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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

5715



### Sample Qualification Report (All Analytes)

Client Sample ID : E11-115-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872030

Lab Report Batch : 31101872  
 Analysis Type: RES

Lab ID : SGSW  
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty/ Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist To/DIs	Field QC	Tune	IC	ICV	CV/ CCV
Analysis Method : 8270D		Dilution: 1																		
Hexachloroethane	368		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	368		ug/Kg	U	YES															
Isophorone	368		ug/Kg	U	YES															
Naphthalene	368		ug/Kg	U	YES															
Nitrobenzene	368		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	368		ug/Kg	U	YES															
Pentachlorophenol	368		ug/Kg	U	YES															
Phenanthrene	368		ug/Kg	U	YES															
Phenol	368		ug/Kg	U	YES															
Pyrene	368		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 07/13/2011 08:59

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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

5716

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872033

Lab Report Batch : 31101872  
 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	4.16		mg/kg		YES															
Arsenic	4.16		mg/kg		YES															
Barium	78.8		mg/kg		YES															
Barium	78.8		mg/kg		YES															
Cadmium	0.679		mg/kg		YES	U														
Cadmium	0.679		mg/kg		YES	U														
Chromium	3.79		mg/kg		YES															
Chromium	3.79		mg/kg		YES															
Lead	11.4		mg/kg		YES															
Lead	11.4		mg/kg		YES															
Selenium	1.87		mg/kg	U	YES															
Selenium	1.87		mg/kg	U	YES															
Silver	0.935		mg/kg	U	YES															
Silver	0.935		mg/kg	U	YES															
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0201		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	1.73		ug/Kg	J	YES															
4,4'-DDE	1.73		ug/Kg	J	YES															
4,4'-DDT	3.00		ug/Kg	J	YES	U														
4,4'-DDT	3.00		ug/Kg	J	YES	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															

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

Library Used: CampCarroll

ADR R 2

Report Date: 9/6/2011 08:59

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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

5717

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872033

Lab Report Batch : 31101872  
 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																				
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															
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	0.00		ug/Kg	U	YCC															
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															

Project Number and Name: 12 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

57 18

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872033

Lab Report Batch : 31101872  
 Analysis Type: RES

Lab ID : SGSW  
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dts	Field QC	Tune	IC	ICV	CV / CCV
<b>Analysis Method : 8081</b>																				
<b>Dilution: 1</b>																				
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															
Toxaphene	32.9		ug/Kg	U	YES															
<b>Analysis Method : 8151</b>																				
<b>Dilution: 1</b>																				
2,4,5-T	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-DB	0.0168		mg/kg	U	YES															
Dicamba	0.0168		mg/kg	U	YES															
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
1,1,1,2-Tetrachloroethane	4.16		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.16		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.16		ug/Kg	U	YES															
1,1,2 Trichloroethane	4.16		ug/Kg	U	YES															
1,1-Dichloroethane	4.10		ug/Kg	U	YCG															
1,1-Dichloroethene	4.16		ug/Kg	U	YES															
1,1-Uchloropropene	4.16		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.16		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.16		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.16		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.16		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	25.0		ug/Kg	U	YES															

Project Number and Name: 102 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5719

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872033

Lab Report Batch : 31101872  
 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-Dibromoethane	4.16		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.16		ug/Kg	U	YES															
1,2-Dichloroethane	4.16		ug/Kg	U	YES															
1,2-Dichloropropane	4.16		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.16		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.16		ug/Kg	U	YES															
1,3-Dichloropropane	4.16		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.16		ug/Kg	U	YES															
2,2-Dichloropropane	4.16		ug/Kg	U	YES															
2-Butanone	20.8		ug/Kg	U	YES															
2-Chlorotoluene	4.16		ug/Kg	U	YES															
2-Hexanone	10.4		ug/Kg	U	YES															
4-Chlorotoluene	4.16		ug/Kg	U	YES															
4-Isopropyltoluene	4.16		ug/Kg	U	YES															
4-Methyl-2-pentanone	10.4		ug/Kg	U	YES															
Acetone	9.42		ug/Kg	J	YES															
Benzene	4.16		ug/Kg	U	YES															
Bromobenzene	4.16		ug/Kg	U	YES															
Bromochloromethane	4.10		ug/Kg	U	YCO															
Bromodichloromethane	4.16		ug/Kg	U	YES															
Bromofom	4.16		ug/Kg	U	YES															
Bromomethane	4.16		ug/Kg	U	YES															
Carbon disulfide	4.16		ug/Kg	U	YES															
Carbon tetrachloride	4.16		ug/Kg	U	YES															
Chlorobenzene	4.16		ug/Kg	U	YES															
Chloroethane	4.16		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5780

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872033

Lab Report Batch : 31101872  
 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																				
Chloroform	4.16		ug/Kg	U	YES															
Chloromethane	4.16		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.16		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.16		ug/Kg	U	YES															
Dibromochloromethane	4.16		ug/Kg	U	YES															
Dibromomethane	4.16		ug/Kg	U	YES															
Dichlorodifluoromethane	4.16		ug/Kg	U	YES															
Ethyl Benzene	4.16		ug/Kg	U	YES															
Hexachlorobutadiene	4.16		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.16		ug/Kg	U	YES															
m,p-Xylene	8.32		ug/Kg	U	YES															
Methyl iodide	4.16		ug/Kg	U	YES															
Methylene chloride	0.973		ug/Kg	J	YES															
Naphthalene	4.16		ug/Kg	U	YES															
n-Butylbenzene	4.16		ug/Kg	U	YES															
n-Propylbenzene	4.16		ug/Kg	U	YES															
o-Xylene	4.16		ug/Kg	U	YES															
sec-Butylbenzene	4.16		ug/Kg	U	YES															
Styrene	4.16		ug/Kg	U	YES	UJ					UJ									
tert-Butyl methyl ether (MTBE)	4.16		ug/Kg	U	YES															
tert-Butylbenzene	4.16		ug/Kg	U	YES															
Tetrachloroethene	4.16		ug/Kg	U	YES															
Toluene	4.16		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.16		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.16		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	20.8		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5721

### Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872033

Lab Report Batch : 31101872  
 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																				
Trichloroethene	4.16		ug/Kg	U	YES															
Trichlorofluoromethane	4.16		ug/Kg	U	YES															
Vinyl chloride	4.16		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	322		ug/Kg	U	YES															
1,2-Dichlorobenzene	322		ug/Kg	U	YES															
1,3-Dichlorobenzene	322		ug/Kg	U	YES															
1,4-Dichlorobenzene	322		ug/Kg	U	YES															
2,4,5-Trichlorophenol	322		ug/Kg	U	YES	UJ					UJ									
2,4,6-Trichlorophenol	322		ug/Kg	U	YES	UJ					UJ									
2,4-Dichlorophenol	322		ug/Kg	U	YES															
2,4-Dimethylphenol	322		ug/Kg	U	YES															
2,4-Dinitrotoluene	322		ug/Kg	U	YES															
2,6-Dinitrotoluene	322		ug/Kg	U	YES	UJ					UJ									
2-Chloronaphthalene	322		ug/Kg	U	YES	UJ					UJ									
2-Chlorophenol	322		ug/Kg	U	YES															
2-Methylnaphthalene	322		ug/Kg	U	YES															
2-Methylphenol	322		ug/Kg	U	YES															
2-Nitroaniline	322		ug/Kg	U	YES	UJ					UJ									
2-Nitrophenol	322		ug/Kg	U	YES															
3 and/or 4-Methylphenol	322		ug/Kg	U	YES															
3-Nitroaniline	322		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	322		ug/Kg	U	YES															
4-Chloro-3-methylphenol	322		ug/Kg	U	YES															
4-Chloroaniline	322		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	322		ug/Kg	U	YES															
4-Nitroaniline	322		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5722

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872033

Lab Report Batch : 31101872  
 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-Nitrophenol	322		ug/Kg	U	YES	UJ														
Acenaphthene	322		ug/Kg	U	YES															
Acenaphthylene	322		ug/Kg	U	YES	UJ														
Anthracene	322		ug/Kg	U	YES															
Benzo(a)anthracene	322		ug/Kg	U	YES															
Benzo(a)pyrene	322		ug/Kg	U	YES															
Benzo(b)fluoranthene	322		ug/Kg	U	YES															
Benzo(g,h,i)perylene	322		ug/Kg	U	YES															
Benzo(k)fluoranthene	322		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	322		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	322		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	322		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	322		ug/Kg	U	YES															
Butyl benzyl phthalate	322		ug/Kg	U	YES															
Chrysene	322		ug/Kg	U	YES															
Dibenz(a,h)anthracene	322		ug/Kg	U	YES															
Dibenzofuran	322		ug/Kg	U	YES															
Diethyl phthalate	322		ug/Kg	U	YES															
Dimethyl phthalate	322		ug/Kg	U	YES	UJ														
Di-n-butyl phthalate	322		ug/Kg	U	YES															
Di-n-octyl phthalate	322		ug/Kg	U	YES															
Fluoranthene	322		ug/Kg	U	YES															
Fluorene	322		ug/Kg	U	YES															
Hexachlorobenzene	322		ug/Kg	U	YES															
Hexachlorobutadiene	322		ug/Kg	U	YES															
Hexachlorocyclopentadiene	322		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 8/6/2011 08:59

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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

5723



# Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872033

Lab Report Batch : 31101872  
 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																				
Hexachloroethane	322		ug/Kg	U		YES														
Indeno(1,2,3-cd)pyrene	322		ug/Kg	U	YES															
Isophorone	322		ug/Kg	U	YES															
Naphthalene	322		ug/Kg	U	YES															
Nitrobenzene	322		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	322		ug/Kg	U	YES															
Pentachlorophenol	322		ug/Kg	U	YES															
Phenanthrene	322		ug/Kg	U	YES															
Phenol	322		ug/Kg	U	YES															
Pyrene	322		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 0.2

Report Date: 9/6/2011 08:59

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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

5724

### Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872034

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 6010C</b>				<b>Dilution: 1</b>																
Arsenic	4.71		mg/kg		YES															
Arsenic	4.71		mg/kg		YES															
Barium	81.6		mg/kg		YES															
Barium	81.6		mg/kg		YES															
Cadmium	0.779		mg/kg		YES	U														
Cadmium	0.779		mg/kg		YES	U														
Chromium	4.15		mg/kg		YES															
Chromium	4.15		mg/kg		YES															
Lead	13.4		mg/kg		YES															
Lead	13.4		mg/kg		YES															
Selenium	1.77		mg/kg	U	YES															
Selenium	1.77		mg/kg	U	YES															
Silver	0.886		mg/kg	U	YES															
Silver	0.886		mg/kg	U	YES															
<b>Analysis Method : 7471B</b>				<b>Dilution: 1</b>																
Mercury	0.00631		mg/kg	J	YES															
<b>Analysis Method : 8081</b>				<b>Dilution: 1</b>																
4,4'-DDD	4.99		ug/Kg	J	YES															
4,4'-DDD	4.99		ug/Kg	J	YES															
4,4'-DDE	4.43		ug/Kg	J	YES															
4,4'-DDE	4.43		ug/Kg	J	YES															
4,4'-DDT	10.2		ug/Kg		YES	U														
4,4'-DDT	10.2		ug/Kg		YES	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															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 00:59

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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

5725

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872034

Lab Report Batch : 31101872  
 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															
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																
delta-BHC	9.88		ug/Kg	U	YES																
Dieldrin	0.777		ug/Kg	J P	YES																
Dieldrin	0.777		ug/Kg	J P	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)	2.66		ug/Kg	J	YES	U															
gamma-BHC (Lindane)	2.66		ug/Kg	J	YES	U															
gamma-Chlordane	9.88		ug/Kg	U	YES																
gamma-Chlordane	9.88		ug/Kg	U	YES																

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

Library Used: CampCarroll

Report Date: 9/6/2011 08:59

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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

5726

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872034

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 8081</b>																				
<b>Dilution: 1</b>																				
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															
Toxaphene	32.9		ug/Kg	U	YES															
<b>Analysis Method : 8151</b>																				
<b>Dilution: 1</b>																				
2,4,5-T	0.0159		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0159		mg/kg	U	YES															
2,4'-D	0.0159		mg/kg	U	YES															
2,4-DB	0.0159		mg/kg	U	YES															
Dicamba	0.0159		mg/kg	U	YES															
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
1,1,1,2-Tetrachloroethane	5.13		ug/Kg	U	YES															
1,1,1-Trichloroethane	5.13		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	5.13		ug/Kg	U	YES															
1,1,2-Trichloroethane	5.13		ug/Kg	U	YES															
1,1-Dichloroethane	5.13		ug/Kg	U	YES															
1,1-Dichloroethene	5.13		ug/Kg	U	YES															
1,1-Dichloropropene	5.13		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	5.13		ug/Kg	U	YES															
1,2,3-Trichloropropane	5.13		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	5.13		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	5.13		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	30.8		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADK 8.2

Report Date: 9/6/2011 00:59

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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

5727

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872034

Lab Report Batch : 31101872  
 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-Dibromoethane	5.13		ug/Kg	U	YES															
1,2-Dichlorobenzene	5.13		ug/Kg	U	YES															
1,2-Dichloroethane	5.13		ug/Kg	U	YES															
1,2-Dichloropropane	5.13		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	5.13		ug/Kg	U	YES															
1,3-Dichlorobenzene	5.13		ug/Kg	U	YES															
1,3-Dichloropropane	5.13		ug/Kg	U	YES															
1,4-Dichlorobenzene	5.13		ug/Kg	U	YES															
2,2-Dichloropropane	5.13		ug/Kg	U	YES															
2-Butanone	49.8		ug/Kg	U	YES	J					J									
2-Chlorotoluene	5.13		ug/Kg	U	YES															
2-Hexanone	5.61		ug/Kg	J	YES	J					J									
4-Chlorotoluene	5.13		ug/Kg	U	YES															
4-Isopropyltoluene	5.13		ug/Kg	U	YES															
4-Methyl-2-pentanone	12.8		ug/Kg	U	YES															
Acetone	191		ug/Kg		YES															
Benzene	5.13		ug/Kg	U	YES															
Bromobenzene	5.13		ug/Kg	U	YES															
Bromochloromethane	5.13		ug/Kg	U	YES															
Bromodichloromethane	5.13		ug/Kg	U	YES															
Bromoform	5.13		ug/Kg	U	YES															
Bromomethane	5.13		ug/Kg	U	YES															
Carbon disulfide	5.13		ug/Kg	U	YES															
Carbon tetrachloride	5.13		ug/Kg	U	YES															
Chlorobenzene	5.13		ug/Kg	U	YES															
Chloroethane	5.13		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 0/6/2011 08:59

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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

5728

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872034

Lab Report Batch : 31101872  
 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																				
Chloroform	5.13		ug/Kg	U	YES															
Chloromethane	5.13		ug/Kg	U	YES															
cis-1,2-Dichloroethene	5.13		ug/Kg	U	YES															
cis-1,3-Dichloropropene	5.13		ug/Kg	U	YES															
Dibromochloromethane	5.13		ug/Kg	U	YES															
Dibromomethane	5.13		ug/Kg	U	YES															
Dichlorodifluoromethane	5.13		ug/Kg	U	YES															
Ethyl Benzene	5.13		ug/Kg	U	YES															
Hexachlorobutadiene	5.13		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	5.13		ug/Kg	U	YES															
m,p-Xylene	10.3		ug/Kg	U	YES															
Methyl iodide	3.10		ug/Kg	J	YES															
Methylene chloride	20.5		ug/Kg	U	YES															
Naphthalene	5.13		ug/Kg	U	YES															
n-Butylbenzene	5.13		ug/Kg	U	YES															
n-Propylbenzene	5.13		ug/Kg	U	YES															
o-Xylene	5.13		ug/Kg	U	YES															
sec-Butylbenzene	5.13		ug/Kg	U	YES															
Styrene	5.13		ug/Kg	U	YES	UJ							UJ							
tert-Butyl methyl ether (MTBE)	5.13		ug/Kg	U	YES															
tert-Butylbenzene	5.13		ug/Kg	U	YES															
Tetrachloroethene	20.5		ug/Kg	U	YES															
Toluene	5.13		ug/Kg	U	YES															
trans-1,2-Dichloroethene	5.13		ug/Kg	U	YES															
trans-1,3-Dichloropropene	5.13		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	25.7		ug/Kg	U	YES															

Project Number and Name: 102 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 0.2

Report Date: 9/6/2011 08:59

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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

5729

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872034

Lab Report Batch : 31101872  
 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/Dis	Field QC	Tune	IC	ICV	CV/ CCV
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
Trichloroethene	5.13		ug/Kg	U	YES															
Trichlorofluoromethane	5.13		ug/Kg	U	YES															
Vinyl chloride	5.13		ug/Kg	U	YES															
<b>Analysis Method : 8270D</b>																				
<b>Dilution: 1</b>																				
1,2,4-Trichlorobenzene	332		ug/Kg	U	YES															
1,2-Dichlorobenzene	332		ug/Kg	U	YES															
1,3-Dichlorobenzene	332		ug/Kg	U	YES															
1,4-Dichlorobenzene	332		ug/Kg	U	YES															
2,4,5-Trichlorophenol	332		ug/Kg	U	YES	UJ							UJ							
2,4,6-Trichlorophenol	332		ug/Kg	U	YES	UJ							UJ							
2,4-Dichlorophenol	332		ug/Kg	U	YES															
2,4-Dimethylphenol	332		ug/Kg	U	YES															
2,4-Dinitrotoluene	332		ug/Kg	U	YES															
2,6-Dinitrotoluene	332		ug/Kg	U	YES	UJ							UJ							
2-Chloronaphthalene	332		ug/Kg	U	YES	UJ							UJ							
2-Chlorophenol	332		ug/Kg	U	YES															
2-Methylnaphthalene	332		ug/Kg	U	YES															
2-Methylphenol	332		ug/Kg	U	YES															
2-Nitroaniline	332		ug/Kg	U	YES	UJ							UJ							
2-Nitrophenol	332		ug/Kg	U	YES															
3 and/or 4-Methylphenol	332		ug/Kg	U	YES															
3-Nitroaniline	332		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	332		ug/Kg	U	YES															
4-Chloro-3-methylphenol	332		ug/Kg	U	YES															
4-Chloroaniline	332		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	332		ug/Kg	U	YES															
4-Nitroaniline	332		ug/Kg	U	YES															

Project Number and Name: 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

5730

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872034

Lab Report Batch : 31101872  
 Analysis Type: RES

Lab ID : SGSW  
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

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

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5731



Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872034

Lab Report Batch : 31101872  
 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																				
Hexachloroethane	332		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	332		ug/Kg	U	YES															
isophorone	332		ug/Kg	U	YES															
Naphthalene	332		ug/Kg	U	YES															
Nitrobenzene	332		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	332		ug/Kg	U	YES															
Pentachlorophenol	332		ug/Kg	U	YES															
Phenanthrene	332		ug/Kg	U	YES															
Phenol	332		ug/Kg	U	YES															
Pyrene	332		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 0.2

Report Date: 0/6/2011 08:59

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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

5732

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872035

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 6010C</b>				<b>Dilution: 1</b>																
Arsenic	3.02		mg/kg			YES														
Arsenic	3.02		mg/kg			YES														
Barium	52.5		mg/kg			YES														
Barium	52.5		mg/kg			YES														
Cadmium	0.577		mg/kg			YES	U						U							
Cadmium	0.577		mg/kg			YES	U						U							
Chromium	6.32		mg/kg			YES														
Chromium	6.32		mg/kg			YES														
Lead	10.0		mg/kg			YES														
Lead	10.0		mg/kg			YES														
Selenium	2.21		mg/kg	U		YES														
Selenium	2.21		mg/kg	U		YES														
Silver	1.11		mg/kg	U		YES														
Silver	1.11		mg/kg	U		YES														
<b>Analysis Method : 7471B</b>				<b>Dilution: 1</b>																
Mercury	0.00736		mg/kg	J		YES														
<b>Analysis Method : 8081</b>				<b>Dilution: 1</b>																
4,4'-DDD	10.7		ug/Kg	U		YES														
4,4'-DDD	10.7		ug/Kg	U		YCC														
4,4'-DDE	10.7		ug/Kg	U		YES														
4,4'-DDE	10.7		ug/Kg	U		YES														
4,4'-DDT	7.76		ug/Kg	J,P		YES	U						U							
4,4'-DDT	7.76		ug/Kg	J,P		YES	U						U							
Aldrin	10.7		ug/Kg	U		YES														
Aldrin	10.7		ug/Kg	U		YES														
alpha-BHC	10.7		ug/Kg	U		YES														
alpha-BHC	10.7		ug/Kg	U		YES														

Project Number and Name: 1\*2 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 06/2011 08:59

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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

5733

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872035

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 8081</b>																				
<b>Dilution: 1</b>																				
alpha-Chlordane	10.7		ug/Kg	U	YES															
alpha-Chlordane	10.7		ug/Kg	U	YES															
beta-BHC	10.7		ug/Kg	U	YES															
beta-BHC	10.7		ug/Kg	U	YES															
Chlordane	35.5		ug/Kg	U	YES															
Chlordane	35.5		ug/Kg	U	YES															
delta-BHC	10.7		ug/Kg	U	YES															
delta-BHC	10.7		ug/Kg	U	YES															
Dieldrin	10.7		ug/Kg	U	YES															
Dieldrin	10.7		ug/Kg	U	YES															
Endosulfan I	10.7		ug/Kg	U	YES															
Endosulfan I	10.7		ug/Kg	U	YES															
Endosulfan II	10.7		ug/Kg	U	YES															
Endosulfan II	10.7		ug/Kg	U	YES															
Endosulfan sulfate	10.7		ug/Kg	U	YES															
Endosulfan sulfate	10.7		ug/Kg	U	YES															
Endrin	10.7		ug/Kg	U	YES															
Endrin	10.7		ug/Kg	U	YES															
Endrin aldehyde	10.7		ug/Kg	U	YES															
Endrin aldehyde	10.7		ug/Kg	U	YES															
Endrin ketone	10.7		ug/Kg	U	YES															
Endrin ketone	10.7		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.7		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.7		ug/Kg	U	YES															
gamma-Chlordane	10.7		ug/Kg	U	YES															
gamma-Chlordane	10.7		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5734

### Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S3

Lab Report Batch : 31101872

Lab ID : SGSW

Sample Date : 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872035

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
<b>Analysis Method : 8081</b>																				
<b>Dilution: 1</b>																				
Heptachlor	10.7		ug/Kg	U	YES															
Heptachlor	10.7		ug/Kg	U	YES															
Heptachlor epoxide	10.7		ug/Kg	U	YES															
Heptachlor epoxide	10.7		ug/Kg	U	YES															
Methoxychlor	10.7		ug/Kg	U	YES															
Methoxychlor	10.7		ug/Kg	U	YES															
Toxaphene	35.5		ug/Kg	U	YES															
Toxaphene	35.5		ug/Kg	U	YES															
<b>Analysis Method : 8151</b>																				
<b>Dilution: 1</b>																				
2,4,5-T	0.0176		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0176		mg/kg	U	YES															
2,4'-D	0.0176		mg/kg	U	YES															
2,4-DB	0.0176		mg/kg	U	YES															
Dicamba	0.0176		mg/kg	U	YES															
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
1,1,1,2-Tetrachloroethane	4.35		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.35		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.35		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.35		ug/Kg	U	YES															
1,1-Dichloroethane	4.35		ug/Kg	U	YES															
1,1-Dichloroethene	4.35		ug/Kg	U	YES															
1,1-Dichloropropene	4.35		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.35		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.35		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.35		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.35		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	26.1		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/0/2011 00:59

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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

5735

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872035

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
1,2-Dibromoethane	4.35		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.35		ug/Kg	U	YES															
1,2-Dichloroethane	4.35		ug/Kg	U	YES															
1,2-Dichloropropane	4.35		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.35		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.35		ug/Kg	U	YES															
1,3-Dichloropropane	4.35		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.35		ug/Kg	U	YES															
2,2-Dichloropropane	4.35		ug/Kg	U	YES															
2-Butanone	21.7		ug/Kg	U	YES															
2-Chlorotoluene	4.35		ug/Kg	U	YES															
2-Hexanone	10.9		ug/Kg	U	YES															
4-Chlorotoluene	4.35		ug/Kg	U	YES															
4-Isopropyltoluene	4.35		ug/Kg	U	YES															
4-Methyl-2-pentanone	10.9		ug/Kg	U	YES															
Acetone	24.6		ug/Kg	J	YES															
Benzene	4.35		ug/Kg	U	YES															
Bromobenzene	4.35		ug/Kg	U	YES															
Bromochloromethane	4.35		ug/Kg	U	YES															
Bromodichloromethane	4.35		ug/Kg	U	YES															
Bromoform	4.35		ug/Kg	U	YES															
Bromomethane	4.35		ug/Kg	U	YES															
Carbon disulfide	4.35		ug/Kg	U	YES															
Carbon tetrachloride	4.35		ug/Kg	U	YES															
Chlorobenzene	4.35		ug/Kg	U	YES															
Chloroethane	4.35		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5736

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872035

Lab Report Batch : 31101872  
 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																		
Chloroform	4.35		ug/Kg	U	YES															
Chloromethane	4.35		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.35		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.35		ug/Kg	U	YES															
Dibromochloromethane	4.35		ug/Kg	U	YES															
Dibromomethane	4.35		ug/Kg	U	YES															
Dichlorodifluoromethane	4.35		ug/Kg	U	YES															
Ethyl Benzene	4.35		ug/Kg	U	YES															
Hexachlorobutadiene	4.35		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.35		ug/Kg	U	YES															
m,p-Xylene	8.69		ug/Kg	U	YES															
Methyl iodide	4.35		ug/Kg	U	YES															
Methylene chloride	1.54		ug/Kg	J	YES															
Naphthalene	4.35		ug/Kg	U	YES															
n-Butylbenzene	4.35		ug/Kg	U	YES															
n-Propylbenzene	4.35		ug/Kg	U	YES															
o-Xylene	4.35		ug/Kg	U	YES															
sec-Butylbenzene	4.35		ug/Kg	U	YES															
Styrene	4.35		ug/Kg	U	YES	UJ														
tert-Butyl methyl ether (MTBE)	4.35		ug/Kg	U	YES															
tert-Butylbenzene	4.35		ug/Kg	U	YES															
Tetrachloroethene	9.82		ug/Kg		YES															
Toluene	4.35		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.35		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.35		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	21.7		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/3/2011 08:59

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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

5737

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872035

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
Trichloroethene	4.35		ug/Kg	U	YES															
Trichlorofluoromethane	4.35		ug/Kg	U	YES															
Vinyl chloride	4.35		ug/Kg	U	YES															
<b>Analysis Method : 8270D</b>																				
<b>Dilution: 1</b>																				
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	UJ					UJ									
2,4,6-Trichlorophenol	357		ug/Kg	U	YES	UJ					UJ									
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	UJ					UJ									
2-Chloronaphthalene	357		ug/Kg	U	YES	UJ					UJ									
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	UJ					UJ									
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															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5738

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S3

Lab Report Batch : 31101872

Lab ID : SGSW

Sample Date : 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872035

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-Nitrophenol	357		ug/Kg	U	YES	UJ														
Acenaphthene	357		ug/Kg	U	YES															
Acenaphthylene	357		ug/Kg	U	YES	UJ														
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)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	UJ														
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															

Project Number and Name: 1\*2 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5739



### Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S3

Lab Report Batch : 31101872

Lab ID : SGSW

Sample Date : 07/13/2011

Analysis Type: RES

Sample Matrix : SO

Lab Sample ID: 31101872035

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 LLimit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
Hexachloroethane	357		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	357		ug/Kg	U	YES															
Isophorone	357		ug/Kg	U	YES															
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: i>L - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5740

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872036

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 6010C</b>				<b>Dilution: 1</b>																
Arsenic	1.80		mg/kg			YES														
Arsenic	1.80		mg/kg			YES														
Barium	86.5		mg/kg			YES														
Barium	86.5		mg/kg			YES														
Cadmium	0.509		mg/kg			YES	U						U							
Cadmium	0.509		mg/kg			YES	U						U							
Chromium	3.73		mg/kg			YES														
Chromium	3.73		mg/kg			YES														
Lead	6.92		mg/kg			YES														
Lead	6.92		mg/kg			YES														
Selenium	1.93		mg/kg	U		YES														
Selenium	1.93		mg/kg	U		YES														
Silver	0.963		mg/kg	U		YES														
Silver	0.963		mg/kg	U		YES														
<b>Analysis Method : 7471B</b>				<b>Dilution: 1</b>																
Mercury	0.0211		mg/kg	U		YES														
<b>Analysis Method : 8081</b>				<b>Dilution: 1</b>																
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'-DDE	10.3		ug/Kg	U		YES														
4,4'-DDT	1.98		ug/Kg	J.P		YES	U						U							
4,4'-DDT	1.98		ug/Kg	J.P		YES	U						U							
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														

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/3/2011 08:59

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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

5741

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872036

Lab Report Batch : 31101872  
 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																				
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	34.3		ug/Kg	U	YES															
Chlordane	34.3		ug/Kg	U	YES															
delta-BHC	10.3		ug/Kg	U	YES															
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)	10.3		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.3		ug/Kg	U	YES															
gamma-Chlordane	10.3		ug/Kg	U	YES															
gamma-Chlordane	10.3		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5742

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872036

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 8081</b>			<b>Dilution: 1</b>																	
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	34.3		ug/Kg	U	YES															
Toxaphene	34.3		ug/Kg	U	YES															
<b>Analysis Method : 8151</b>			<b>Dilution: 1</b>																	
2,4,5-T	0.0167		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES															
2,4'-D	0.0167		mg/kg	U	YES															
2,4-DB	0.0167		mg/kg	U	YES															
Dicamba	0.0167		mg/kg	U	YES															
<b>Analysis Method : 8260B</b>			<b>Dilution: 1</b>																	
1,1,1,2-Tetrachloroethane	4.58		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.58		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.58		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.58		ug/Kg	U	YES															
1,1-Dichloroethane	4.58		ug/Kg	U	YES															
1,1-Dichloroethene	4.58		ug/Kg	U	YES															
1,1-Dichloropropene	4.58		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.58		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.58		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.58		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.58		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	27.5		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5743

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872036

Lab Report Batch : 31101872  
 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-Dibromoethane	4.58		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.58		ug/Kg	U	YES															
1,2-Dichloroethane	4.58		ug/Kg	U	YES															
1,2-Dichloropropane	4.58		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.58		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.58		ug/Kg	U	YES															
1,3-Dichloropropane	4.58		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.58		ug/Kg	U	YES															
2,2-Dichloropropane	4.58		ug/Kg	U	YES															
2-Butanone	22.9		ug/Kg	U	YES															
2-Chlorotoluene	4.58		ug/Kg	U	YES															
2-Hexanone	11.4		ug/Kg	U	YES															
4-Chlorotoluene	4.58		ug/Kg	U	YES															
4-Isopropyltoluene	4.58		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.4		ug/Kg	U	YES															
Acetone	8.61		ug/Kg	J	YES															
Benzene	4.58		ug/Kg	U	YES															
Bromobenzene	4.58		ug/Kg	U	YES															
Bromochloromethane	4.58		ug/Kg	U	YES															
Bromodichloromethane	4.58		ug/Kg	U	YES															
Bromoform	4.58		ug/Kg	U	YES															
Bromomethane	4.58		ug/Kg	U	YES															
Carbon disulfide	4.58		ug/Kg	U	YES															
Carbon tetrachloride	4.58		ug/Kg	U	YES															
Chlorobenzene	4.58		ug/Kg	U	YES															
Chloroethane	4.58		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/3/2011 08:59

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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

5744

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872036

Lab Report Batch : 31101872  
 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																	
Chloroform	4.58		ug/Kg	U	YES															
Chloromethane	4.58		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.58		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.58		ug/Kg	U	YES															
Dibromochloromethane	4.58		ug/Kg	U	YES															
Dibromomethane	4.58		ug/Kg	U	YES															
Dichlorodifluoromethane	4.58		ug/Kg	U	YES															
Ethyl Benzene	4.58		ug/Kg	U	YES															
Hexachlorobutadiene	4.58		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.58		ug/Kg	U	YES															
m,p-Xylene	9.15		ug/Kg	U	YES															
Methyl iodide	4.58		ug/Kg	U	YES															
Methylene chloride	18.3		ug/Kg	U	YES															
Naphthalene	4.58		ug/Kg	U	YES															
n-Butylbenzene	4.58		ug/Kg	U	YES															
n-Propylbenzene	4.58		ug/Kg	U	YES															
o-Xylene	4.58		ug/Kg	U	YES															
sec-Butylbenzene	4.58		ug/Kg	U	YES															
Styrene	4.58		ug/Kg	U	YES	UJ														
tert-Butyl methyl ether (MTBE)	4.58		ug/Kg	U	YES															
tert-Butylbenzene	4.58		ug/Kg	U	YES															
Tetrachloroethene	4.58		ug/Kg	U	YES															
Toluene	4.58		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.58		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.58		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	22.9		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5745

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872036

Lab Report Batch : 31101872  
 Analysis Type: RES

Lab ID : SGSW  
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist TotDis	Field QC	Tune	IC	ICV	CV / CCV
<b>Analysis Method : 8260B</b>				<b>Dilution: 1</b>																
Trichloroethene	4.58		ug/Kg	U	YES															
Trichlorofluoromethane	4.58		ug/Kg	U	YES															
Vinyl chloride	4.58		ug/Kg	U	YES															
<b>Analysis Method : 8270D</b>				<b>Dilution: 1</b>																
1,2,4-Trichlorobenzene	352		ug/Kg	U	YES															
1,2-Dichlorobenzene	352		ug/Kg	U	YES															
1,3-Dichlorobenzene	352		ug/Kg	U	YES															
1,4-Dichlorobenzene	352		ug/Kg	U	YES															
2,4,5-Trichlorophenol	352		ug/Kg	U	YES	UJ														
2,4,6-Trichlorophenol	352		ug/Kg	U	YES	UJ														
2,4-Dichlorophenol	352		ug/Kg	U	YES															
2,4-Dimethylphenol	352		ug/Kg	U	YES															
2,4-Dinitrotoluene	352		ug/Kg	U	YES															
2,6-Dinitrotoluene	352		ug/Kg	U	YES	UJ														
2-Chloronaphthalene	352		ug/Kg	U	YES	UJ														
2-Chlorophenol	352		ug/Kg	U	YES															
2-Methylnaphthalene	352		ug/Kg	U	YES															
2-Methylphenol	352		ug/Kg	U	YES															
2-Nitroaniline	352		ug/Kg	U	YES	UJ														
2-Nitrophenol	352		ug/Kg	U	YES															
3 and/or 4-Methylphenol	352		ug/Kg	U	YES															
3-Nitroaniline	352		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	352		ug/Kg	U	YES															
4-Chloro-3-methylphenol	352		ug/Kg	U	YES															
4-Chloroaniline	352		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	352		ug/Kg	U	YES															
4-Nitroaniline	352		ug/Kg	U	YES															

Project Number and Name: 1\*2 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5746

Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872036

Lab Report Batch : 31101872  
 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-Nitrophenol	352		ug/Kg	U	YES	UJ														
Acenaphthene	352		ug/Kg	U	YES															
Acenaphthylene	352		ug/Kg	U	YES	UJ														
Anthracene	352		ug/Kg	U	YES															
Benzo(a)anthracene	352		ug/Kg	U	YES															
Benzo(a)pyrene	352		ug/Kg	U	YES															
Benzo(b)fluoranthene	352		ug/Kg	U	YES															
Benzo(g,h,i)perylene	352		ug/Kg	U	YES															
Benzo(k)fluoranthene	352		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	352		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	352		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	352		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	352		ug/Kg	U	YES															
Butyl benzyl phthalate	352		ug/Kg	U	YES															
Chrysene	352		ug/Kg	U	YES															
Dibenz(a,h)anthracene	352		ug/Kg	U	YES															
Dibenzofuran	352		ug/Kg	U	YES															
Diethyl phthalate	352		ug/Kg	U	YES															
Dimethyl phthalate	352		ug/Kg	U	YES	UJ														
Di-n-butyl phthalate	352		ug/Kg	U	YES															
Di-n-octyl phthalate	352		ug/Kg	U	YES															
Fluoranthene	352		ug/Kg	U	YES															
Fluorene	352		ug/Kg	U	YES															
Hexachlorobenzene	352		ug/Kg	U	YES															
Hexachlorobutadiene	352		ug/Kg	U	YES															
Hexachlorocyclopentadiene	352		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

57 47



Sample Qualification Report (All Analytes)

Client Sample ID : E11-116-S4  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872036

Lab Report Batch : 31101872  
 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																		
Hexachloroethane	352		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	352		ug/Kg	U	YES															
Isophorone	352		ug/Kg	U	YES															
Naphthalene	352		ug/Kg	U	YES															
Nitrobenzene	352		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	352		ug/Kg	U	YES															
Pentachlorophenol	352		ug/Kg	U	YES															
Phenanthrene	352		ug/Kg	U	YES															
Phenol	352		ug/Kg	U	YES															
Pyrene	352		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5748

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S1  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872002

Lab Report Batch : 31101872  
 Analysis Type: RES

Lab ID : SGSW  
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist TotDis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C																				
Dilution: 1																				
Arsenic	3.24		mg/kg			YES														
Barium	86.4		mg/kg			YES														
Cadmium	0.552		mg/kg			YES														
Chromium	4.64		mg/kg			YES	J					J								
Lead	8.58		mg/kg			YES	J					J								
Selenium	2.06		mg/kg	U		YES														
Silver	1.03		mg/kg	U		YES														
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.0184		mg/kg	U		YES														
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	9.91		ug/Kg	U		YES														
4,4'-DDD	9.91		ug/Kg	U		YES														
4,4'-DDE	1.14		ug/Kg	J		YES	J					J								
4,4'-DDE	1.14		ug/Kg	J		YES	J					J								
4,4'-DDT	2.19		ug/Kg	J		YES	J					J								
4,4'-DDT	2.19		ug/Kg	J		YES	J					J								
Aldrin	9.91		ug/Kg	U		YES														
Aldrin	9.91		ug/Kg	U		YES														
alpha-BHC	9.91		ug/Kg	U		YES														
alpha-BHC	9.91		ug/Kg	U		YES														
alpha-Chlordane	9.91		ug/Kg	U		YES	R					R								
alpha-Chlordane	9.91		ug/Kg	U		YES	R					R								
beta-BHC	9.91		ug/Kg	U		YES														
beta-BHC	9.91		ug/Kg	U		YES														
Chlordane	33.0		ug/Kg	U		YES														
Chlordane	33.0		ug/Kg	U		YES														
delta-BHC	9.91		ug/Kg	U		YES														

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5749

Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S1  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872002

Lab Report Batch : 31101872  
 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	9.91		ug/Kg	U	YES															
Dieldrin	9.91		ug/Kg	U	YES															
Dieldrin	9.91		ug/Kg	U	YES															
Endosulfan I	9.91		ug/Kg	U	YES															
Endosulfan I	9.91		ug/Kg	U	YES															
Endosulfan II	9.91		ug/Kg	U	YES															
Endosulfan II	9.91		ug/Kg	U	YES															
Endosulfan sulfate	9.91		ug/Kg	U P	YES															
Endosulfan sulfate	9.91		ug/Kg	U P	YES															
Endrin	9.91		ug/Kg	U	YES															
Endrin	9.91		ug/Kg	U	YES															
Endrin aldehyde	9.91		ug/Kg	U	YES															
Endrin aldehyde	9.91		ug/Kg	U	YES															
Endrin ketone	9.91		ug/Kg	U P	YES															
Endrin ketone	9.91		ug/Kg	U P	YES															
gamma-BHC (Lindane)	0.571		ug/Kg	J	YES	J					J									
gamma-BHC (Lindane)	0.571		ug/Kg	J	YES	J					J									
gamma-Chlordane	0.858		ug/Kg	J	YES	J					J									
gamma-Chlordane	0.858		ug/Kg	J	YES	J					J									
Heptachlor	9.91		ug/Kg	U	YES															
Heptachlor	9.91		ug/Kg	U	YES															
Heptachlor epoxide	9.91		ug/Kg	U	YES															
Heptachlor epoxide	9.91		ug/Kg	U	YES															
Methoxychlor	9.91		ug/Kg	U	YES															
Methoxychlor	9.91		ug/Kg	U	YES															
Toxaphene	33.0		ug/Kg	U	YES															

Project Number and Name: T\*J - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5750

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S1  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872002

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 8081</b>																				
<b>Dilution: 1</b>																				
Toxaphene	33.0		ug/Kg	U	YES															
<b>Analysis Method : 8151</b>																				
<b>Dilution: 1</b>																				
2,4,5-T	0.0167		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES															
2,4-D	0.0167		mg/kg	U	YES															
2,4-DB	0.0167		mg/kg	U	YES															
Dicamba	0.0167		mg/kg	U	YES															
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
1,1,1,2-Tetrachloroethane	4.58		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.58		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.58		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.58		ug/Kg	U	YES															
1,1-Dichloroethane	4.58		ug/Kg	U	YES															
1,1-Dichloroethene	4.58		ug/Kg	U	YES															
1,1-Dichloropropene	4.58		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.58		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.58		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.58		ug/Kg	U	YES	UJ														
1,2,4-Trimethylbenzene	4.58		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	27.5		ug/Kg	U	YES															
1,2-Dibromoethane	4.58		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.58		ug/Kg	U	YES															
1,2-Dichloroethane	4.58		ug/Kg	U	YES															
1,2-Dichloropropane	4.58		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.58		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.58		ug/Kg	U	YES															
1,3-Dichloropropane	4.58		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 00:59

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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

5751

Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S1  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872002

Lab Report Batch : 31101872  
 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	4.58		ug/Kg	U	YES															
2,2-Dichloropropane	4.58		ug/Kg	U	YES															
2-Butanone	22.9		ug/Kg	U	YES															
2-Chlorotoluene	4.58		ug/Kg	U	YES															
2-Hexanone	11.4		ug/Kg	U	YES															
4-Chlorotoluene	4.58		ug/Kg	U	YES															
4-Isopropyltoluene	4.58		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.4		ug/Kg	U	YES															
Acetone	6.11		ug/Kg	J	YES															
Benzene	4.58		ug/Kg	U	YES															
Bromobenzene	4.58		ug/Kg	U	YES															
Bromochloromethane	4.58		ug/Kg	U	YES															
Bromodichloromethane	4.58		ug/Kg	U	YES															
Bromoform	4.58		ug/Kg	U	YES															
Bromomethane	4.58		ug/Kg	U	YES															
Carbon disulfide	4.58		ug/Kg	U	YES															
Carbon tetrachloride	4.58		ug/Kg	U	YES															
Chlorobenzene	4.58		ug/Kg	U	YES															
Chloroethane	4.58		ug/Kg	U	YES															
Chloroform	4.58		ug/Kg	U	YES															
Chloromethane	4.58		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.58		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.58		ug/Kg	U	YES															
Dibromochloromethane	4.58		ug/Kg	U	YES															
Dibromomethane	4.58		ug/Kg	U	YES															
Dichlorodifluoromethane	4.58		ug/Kg	U	YES															

Project Number and Name: 102 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/0/2011 08:59

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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

5752

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S1  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872002

Lab Report Batch : 31101872  
 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 To/Dis	Field QC	Tune	IC	ICV	CV / CCV
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
Ethyl Benzene	4.58		ug/Kg	U	YES															
Hexachlorobutadiene	4.58		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.58		ug/Kg	U	YES															
m,p-Xylene	9.16		ug/Kg	U	YES															
Methyl iodide	4.58		ug/Kg	U	YES															
Methylene chloride	1.02		ug/Kg	J	YES															
Naphthalene	4.58		ug/Kg	U	YES															
n-Butylbenzene	4.58		ug/Kg	U	YES															
n-Propylbenzene	4.58		ug/Kg	U	YES															
o-Xylene	4.58		ug/Kg	U	YES															
sec-Butylbenzene	4.58		ug/Kg	U	YES															
Styrene	4.58		ug/Kg	U	YES	UJ														
tert-Butyl methyl ether (MTBE)	4.58		ug/Kg	U	YES															
tert-Butylbenzene	4.58		ug/Kg	U	YES															
Tetrachloroethene	4.58		ug/Kg	U	YES															
Toluene	4.58		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.58		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.58		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	22.9		ug/Kg	U	YES															
Trichloroethene	4.58		ug/Kg	U	YES															
Trichlorofluoromethane	4.58		ug/Kg	U	YES															
Vinyl chloride	4.58		ug/Kg	U	YES															
<b>Analysis Method : 8270D</b>																				
<b>Dilution: 1</b>																				
1,2,4-Trichlorobenzene	329		ug/Kg	U	YES															
1,2-Dichlorobenzene	329		ug/Kg	U	YES															
1,3-Dichlorobenzene	329		ug/Kg	U	YES															
1,4-Dichlorobenzene	329		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 06:59

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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

5753

Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S1  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872002

Lab Report Batch : 31101872  
 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	329		ug/Kg	U	YES															
2,4,6-Trichlorophenol	329		ug/Kg	U	YES															
2,4-Dichlorophenol	329		ug/Kg	U	YES															
2,4-Dimethylphenol	329		ug/Kg	U	YES															
2,4-Dinitrotoluene	329		ug/Kg	U	YES															
2,6-Dinitrotoluene	329		ug/Kg	U	YES															
2-Chloronaphthalene	329		ug/Kg	U	YES															
2-Chlorophenol	329		ug/Kg	U	YES															
2-Methylnaphthalene	329		ug/Kg	U	YES															
2-Methylphenol	329		ug/Kg	U	YES															
2-Nitroaniline	329		ug/Kg	U	YES															
2-Nitrophenol	329		ug/Kg	U	YES															
3 and/or 4-Methylphenol	329		ug/Kg	U	YES															
3-Nitroaniline	329		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	329		ug/Kg	U	YES															
4-Chloro-3-methylphenol	329		ug/Kg	U	YES															
4-Chloroaniline	329		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	329		ug/Kg	U	YES															
4-Nitroaniline	329		ug/Kg	U	YES															
4-Nitrophenol	329		ug/Kg	U	YES															
Acenaphthene	329		ug/Kg	U	YES															
Acenaphthylene	329		ug/Kg	U	YES															
Anthracene	329		ug/Kg	U	YES															
Benzo(a)anthracene	329		ug/Kg	U	YES															
Benzo(a)pyrene	329		ug/Kg	U	YES															
Benzo(b)fluoranthene	329		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5754

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S1  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872002

Lab Report Batch : 31101872  
 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	329		ug/Kg	U	YES															
Benzo(k)fluoranthene	329		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	329		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	329		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	329		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	329		ug/Kg	U	YES															
Butyl benzyl phthalate	329		ug/Kg	U	YES															
Chrysene	329		ug/Kg	U	YES															
Dibenz(a,h)anthracene	329		ug/Kg	U	YES															
Dibenzofuran	329		ug/Kg	U	YES															
Diethyl phthalate	329		ug/Kg	U	YES															
Dimethyl phthalate	329		ug/Kg	U	YES															
Di-n-butyl phthalate	329		ug/Kg	U	YES															
Di-n-octyl phthalate	329		ug/Kg	U	YES	UJ					UJ									
Fluoranthene	329		ug/Kg	U	YES															
Fluorene	329		ug/Kg	U	YES															
Hexachlorobenzene	329		ug/Kg	U	YES															
Hexachlorobutadiene	329		ug/Kg	U	YES															
Hexachlorocyclopentadiene	329		ug/Kg	U	YES															
Hexachloroethane	329		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	329		ug/Kg	U	YES															
Isophorone	329		ug/Kg	U	YES															
Naphthalene	329		ug/Kg	U	YES															
Nitrobenzene	329		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	329		ug/Kg	U	YES															
Pentachlorophenol	329		ug/Kg	U	YES															

Project Number and Name: 1\*2 - 11-032E Carroil Agent Orange

Library Used: CampCarroll

ADR 0.2

Report Date: 0/6/2011 08:60

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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

5755



### Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S1  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872002

Lab Report Batch : 31101872  
 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	329		ug/Kg	U	YES															
Phenol	329		ug/Kg	U	YES															
Pyrene	329		ug/Kg	U	YES															

5756

Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S2

Lab Report Batch : 31101872

Lab ID : SGSW

Sample Date : 07/12/2011

Analysis Type: DL

Sample Matrix : SO

Lab Sample ID: 31101872003

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: 5000																				
4,4'-DDD	10700		ug/Kg	J	YES	J					J									
4,4'-DDD	10700		ug/Kg	J	YES	J					J									
4,4'-DDE	50400		ug/Kg	U	YES															
4,4'-DDE	50400		ug/Kg	U	YES															
4,4'-DDT	2990		ug/Kg	J	YES	J					J									
4,4'-DDT	2990		ug/Kg	J	YES	J					J									
Aldrin	50400		ug/Kg	U	YES															
Aldrin	50400		ug/Kg	U	YES															
alpha-BHC	4880		ug/Kg	J	YES	J					J									
alpha-BHC	4880		ug/Kg	J	YES	J					J									
alpha-Chlordane	50400		ug/Kg	U	YES	R					R									
alpha-Chlordane	50400		ug/Kg	U	YES	R					R									
beta-BHC	50400		ug/Kg	U	YES															
beta-BHC	50400		ug/Kg	U	YES															
Chlordane	168000		ug/Kg	U	YES															
Chlordane	168000		ug/Kg	U	YES															
delta-BHC	5360		ug/Kg	J	YES															
delta-BHC	5360		ug/Kg	J	YES															
Dieldrin	50400		ug/Kg	U	YES															
Dieldrin	50400		ug/Kg	U	YES															
Endosulfan I	50400		ug/Kg	U	YES															
Endosulfan I	50400		ug/Kg	U	YES															
Endosulfan II	50400		ug/Kg	U	YES															
Endosulfan II	50400		ug/Kg	U	YES															
Endosulfan sulfate	50400		ug/Kg	U	YES															
Endosulfan sulfate	50400		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 09:50

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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

5757

### Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S2  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872003

Lab Report Batch : 31101872  
 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	
<b>Analysis Method : 8081</b>																					
<b>Dilution: 5000</b>																					
Endrin	50400		ug/Kg	U	YES																
Endrin	50400		ug/Kg	U	YES																
Endrin aldehyde	50400		ug/Kg	U	YES																
Endrin aldehyde	50400		ug/Kg	U	YES																
Endrin ketone	50400		ug/Kg	U	YES																
Endrin ketone	50400		ug/Kg	U	YES																
gamma-BHC (Lindane)	163000		ug/Kg		YES	J					J										
gamma-BHC (Lindane)	163000		ug/Kg		YES	J					J										
gamma-Chlordane	50400		ug/Kg	U	YES																
gamma-Chlordane	50400		ug/Kg	U	YES																
Heptachlor	50400		ug/Kg	U	YES																
Heptachlor	50400		ug/Kg	U	YES																
Heptachlor epoxide	50400		ug/Kg	U	YES																
Heptachlor epoxide	50400		ug/Kg	U	YES																
Methoxychlor	50400		ug/Kg	U	YES																
Methoxychlor	50400		ug/Kg	U	YES																
Toxaphene	168000		ug/Kg	U	YES																
Toxaphene	168000		ug/Kg	U	YES																
<b>Analysis Method : 8260B</b>																					
<b>Dilution: 500</b>																					
1,1,1,2-Tetrachloroethane	451		ug/Kg	U	YES																
1,1,1-Trichloroethane	451		ug/Kg	U	YES																
1,1,2,2-Tetrachloroethane	451		ug/Kg	U	YES																
1,1,2-Trichloroethane	451		ug/Kg	U	YES																
1,1-Dichloroethane	451		ug/Kg	U	YES																
1,1-Dichloroethene	451		ug/Kg	U	YES																
1,1-Dichloropropene	451		ug/Kg	U	YES																
1,2,3-Trichlorobenzene	280		ug/Kg	J	YES																

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5758

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S2  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872003

Lab Report Batch : 31101872  
 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	Rep Surr	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/ CCV
<b>Analysis Method : 8260B</b>																			
<b>Dilution: 500</b>																			
1,2,3-Trichloropropane	451		ug/Kg	U	YES														
1,2,4-Trichlorobenzene	921		ug/Kg		YES														
1,2,4-Trimethylbenzene	1390		ug/Kg		YES														
1,2-Dibromo-3-chloropropane	2260		ug/Kg	U	YES														
1,2-Dibromoethane	451		ug/Kg	U	YES														
1,2-Dichlorobenzene	451		ug/Kg	U	YES														
1,2-Dichloroethane	451		ug/Kg	U	YES														
1,2-Dichloropropane	451		ug/Kg	U	YES														
1,3,5-Trimethylbenzene	736		ug/Kg		YES														
1,3-Dichlorobenzene	451		ug/Kg	U	YES														
1,3-Dichloropropane	451		ug/Kg	U	YES														
1,4-Dichlorobenzene	85.7		ug/Kg	J	YES														
2,2-Dichloropropane	451		ug/Kg	U	YES														
2-Butanone	11300		ug/Kg	U	YES														
2-Chlorotoluene	451		ug/Kg	U	YES														
2-Hexanone	2260		ug/Kg	U	YES														
4-Chlorotoluene	451		ug/Kg	U	YES														
4-Isopropyltoluene	433		ug/Kg	J	YES														
4-Methyl-2-pentanone	2260		ug/Kg	U	YES														
Acetone	11300		ug/Kg	U	YES														
Benzene	451		ug/Kg	U	YES														
Bromobenzene	451		ug/Kg	U	YES														
Bromochloromethane	451		ug/Kg	U	YES														
Bromodichloromethane	451		ug/Kg	U	YES														
Bromoform	451		ug/Kg	U	YES														
Bromomethane	451		ug/Kg	U	YES														

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5759

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S2  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872003

Lab Report Batch : 31101872  
 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 : 8260B																				
Dilution: 500																				
Carbon disulfide	451		ug/Kg	U	YES															
Carbon tetrachloride	451		ug/Kg	U	YES															
Chlorobenzene	451		ug/Kg	U	YES															
Chloroethane	451		ug/Kg	U	YES															
Chloroform	451		ug/Kg	U	YES															
Chloromethane	451		ug/Kg	U	YES															
cis-1,2-Dichloroethene	451		ug/Kg	U	YES															
cis-1,3-Dichloropropene	451		ug/Kg	U	YES															
Dibromochloromethane	451		ug/Kg	U	YES															
Dibromomethane	451		ug/Kg	U	YES															
Dichlorodifluoromethane	2260		ug/Kg	U	YES															
Ethyl Benzene	451		ug/Kg	J	YES															
Hexachlorobutadiene	451		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	451		ug/Kg	U	YES															
m,p-Xylene	998		ug/Kg		YES															
Methyl iodide	451		ug/Kg	U	YES															
Methylene chloride	2260		ug/Kg	U	YES															
Naphthalene	7660		ug/Kg		YES															
n-Butylbenzene	451		ug/Kg	U	YES															
n-Propylbenzene	451		ug/Kg	U	YES															
o-Xylene	695		ug/Kg		YES															
sec-Butylbenzene	451		ug/Kg	U	YES															
Styrene	451		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	451		ug/Kg	U	YES															
tert-Butylbenzene	451		ug/Kg	U	YES															
Tetrachloroethene	1060		ug/Kg		YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5760

Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S2

Lab Report Batch : 31101872

Lab ID : SGSW

Sample Date : 07/12/2011

Analysis Type: DL

Sample Matrix : SO

Lab Sample ID: 31101872003

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: 500																		
Toluene	451		ug/Kg	U	YES															
trans-1,2-Dichloroethene	451		ug/Kg	U	YES															
trans-1,3-Dichloropropene	451		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	2260		ug/Kg	U	YES															
Trichloroethene	451		ug/Kg	U	YES															
Trichlorofluoromethane	451		ug/Kg	U	YES															
Vinyl chloride	451		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5761

Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S2  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872003

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 6010C</b>			<b>Dilution: 1</b>																	
Arsenic	6.32		mg/kg		YES															
Barium	95.4		mg/kg		YES															
Cadmium	0.907		mg/kg		YES															
Chromium	6.73		mg/kg		YES	J						J								
Lead	16.1		mg/kg		YES	J						J								
Selenium	1.89		mg/kg	U	YES															
Silver	0.947		mg/kg	U	YES															
<b>Analysis Method : 7471B</b>			<b>Dilution: 1</b>																	
Mercury	0.00359		mg/kg	J	YES															
<b>Analysis Method : 8151</b>			<b>Dilution: 1</b>																	
2,4,5-T	0.0173		mg/kg	U	YES															
2,4,5-T	0.0173		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0173		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0173		mg/kg	U	YES															
2,4-D	0.0173		mg/kg	U	YES															
2,4-D	0.0173		mg/kg	U	YES															
2,4-DB	0.0173		mg/kg	U	YES															
2,4-DB	0.0173		mg/kg	U	YES															
Dicamba	0.0173		mg/kg	U	YES															
Dicamba	0.0173		mg/kg	U	YES															
<b>Analysis Method : 8270D</b>			<b>Dilution: 1</b>																	
1,2,4-Trichlorobenzene	301		ug/Kg	J	YES															
1,2-Dichlorobenzene	335		ug/Kg	U	YES															
1,3-Dichlorobenzene	335		ug/Kg	U	YES															
1,4-Dichlorobenzene	157		ug/Kg	J	YES															
2,4,5-Trichlorophenol	335		ug/Kg	U	YES															
2,4,6-Trichlorophenol	335		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5762

Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S2  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872003

Lab Report Batch : 31101872  
 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-Dichlorophenol	335		ug/Kg	U	YES															
2,4-Dimethylphenol	335		ug/Kg	U	YES															
2,4-Dinitrotoluene	335		ug/Kg	U	YES															
2,6-Dinitrotoluene	335		ug/Kg	U	YES															
2-Chloronaphthalene	335		ug/Kg	U	YES															
2-Chlorophenol	335		ug/Kg	U	YES															
2-Methylnaphthalene	2140		ug/Kg		YES															
2-Methylphenol	335		ug/Kg	U	YES															
2-Nitroaniline	335		ug/Kg	U	YES															
2-Nitrophenol	335		ug/Kg	U	YES															
3 and/or 4-Methylphenol	335		ug/Kg	U	YES															
3-Nitroaniline	335		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	335		ug/Kg	U	YES															
4-Chloro-3-methylphenol	335		ug/Kg	U	YES															
4-Chloroaniline	335		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	335		ug/Kg	U	YES															
4-Nitroaniline	335		ug/Kg	U	YES															
4-Nitrophenol	335		ug/Kg	U	YES															
Acenaphthene	335		ug/Kg	U	YES															
Acenaphthylene	335		ug/Kg	U	YES															
Anthracene	335		ug/Kg	U	YES															
Benzo(a)anthracene	335		ug/Kg	U	YES															
Benzo(a)pyrene	335		ug/Kg	U	YES															
Benzo(b)fluoranthene	335		ug/Kg	U	YES															
Benzo(g,h,i)perylene	335		ug/Kg	U	YES															
Benzo(k)fluoranthene	335		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5763



Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S2  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872003

Lab Report Batch : 31101872  
 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																				
Bis(2-Chloroethoxy)methane	335		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	335		ug/Kg	U	YES															
Bis(2-Chloroisopropyl) ether	335		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	335		ug/Kg	U	YES															
Butyl benzyl phthalate	335		ug/Kg	U	YES															
Chrysene	335		ug/Kg	U	YES															
Dibenz(a,h)anthracene	335		ug/Kg	U	YES															
Dibenzofuran	335		ug/Kg	U	YES															
Diethyl phthalate	335		ug/Kg	U	YES															
Dimethyl phthalate	335		ug/Kg	U	YES															
Di-n-butyl phthalate	335		ug/Kg	U	YES															
Di-n-octyl phthalate	335		ug/Kg	U	YES	UJ					UJ									
Fluoranthene	335		ug/Kg	U	YES															
Fluorene	335		ug/Kg	U	YES															
Hexachlorobenzene	335		ug/Kg	U	YES															
Hexachlorobutadiene	335		ug/Kg	U	YES															
Hexachlorocyclopentadiene	335		ug/Kg	U	YES															
Hexachloroethane	335		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	335		ug/Kg	U	YES															
Isophorone	335		ug/Kg	U	YES															
Naphthalene	281		ug/Kg	J	YES															
Nitrobenzene	335		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	335		ug/Kg	U	YES															
Pentachlorophenol	335		ug/Kg	U	YES															
Phenanthrene	335		ug/Kg	U	YES															
Phenol	335		ug/Kg	U	YES															

Project Number and Name: T\*2 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5764

Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S2  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872003

Lab Report Batch : 31101872  
 Analysis Type: RES

Lab ID : SGSW  
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist To/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D		Dilution: 1																		
Pyrene	335		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/5/2011 08:59

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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

5765

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S3  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872004

Lab Report Batch : 31101872  
 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 To/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081			Dilution: 50																	
4,4'-DDD	147		ug/Kg	J	YES	J					J									
4,4'-DDD	147		ug/Kg	J	YES	J					J									
4,4'-DDE	538		ug/Kg	U	YES															
4,4'-DDE	538		ug/Kg	U	YES															
4,4'-DDT	64.3		ug/Kg	J	YES	J					J									
4,4'-DDT	64.3		ug/Kg	J	YES	J					J									
Aldrin	538		ug/Kg	U	YES															
Aldrin	538		ug/Kg	U	YES															
alpha-BHC	52.1		ug/Kg	J	YES	J					J									
alpha-BHC	52.1		ug/Kg	J	YES	J					J									
alpha-Chlordane	538		ug/Kg	U	YES	R					R									
alpha-Chlordane	538		ug/Kg	U	YES	R					R									
beta-BHC	538		ug/Kg	U	YES															
beta-BHC	538		ug/Kg	U	YES															
Chlordane	1790		ug/Kg	U	YES															
Chlordane	1790		ug/Kg	U	YES															
delta-BHC	59.2		ug/Kg	J	YES															
delta-BHC	59.2		ug/Kg	J	YES															
Dieldrin	538		ug/Kg	U	YES															
Dieldrin	538		ug/Kg	U	YES															
Endosulfan I	538		ug/Kg	U	YES															
Endosulfan I	538		ug/Kg	U	YES															
Endosulfan II	538		ug/Kg	U	YES															
Endosulfan II	538		ug/Kg	U	YES															
Endosulfan sulfate	538		ug/Kg	U	YES															
Endosulfan sulfate	538		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADK 8.2

Report Date: 9/6/2011 08:59

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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

5766

### Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S3  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872004

Lab Report Batch : 31101872  
 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: 50																		
Endrin	538		ug/Kg	U	YES															
Endrin	538		ug/Kg	U	YES															
Endrin aldehyde	538		ug/Kg	U	YES															
Endrin aldehyde	538		ug/Kg	U	YES															
Endrin ketone	538		ug/Kg	U	YES															
Endrin ketone	538		ug/Kg	U	YES															
gamma-BHC (Lindane)	935		ug/Kg		YES	J					J									
gamma-BHC (Lindane)	935		ug/Kg		YES	J					J									
gamma-Chlordane	538		ug/Kg	U	YES															
gamma-Chlordane	538		ug/Kg	U	YES															
Heptachlor	538		ug/Kg	U	YES															
Heptachlor	538		ug/Kg	U	YES															
Heptachlor epoxide	538		ug/Kg	U	YES															
Heptachlor epoxide	538		ug/Kg	U	YES															
Methoxychlor	538		ug/Kg	U	YES															
Methoxychlor	538		ug/Kg	U	YES															
Toxaphene	1790		ug/Kg	U	YES															
Toxaphene	1790		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 8/8/2011 08:59

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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

5767

Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S3  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872004

Lab Report Batch : 31101872  
 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	
<b>Analysis Method : 6010C</b>				<b>Dilution: 1</b>																	
Arsenic	4.20		mg/kg			YES															
Arsenic	4.20		mg/kg			YES															
Barium	78.1		mg/kg			YES															
Barium	78.1		mg/kg			YES															
Cadmium	0.584		mg/kg			YES															
Cadmium	0.584		mg/kg			YES															
Chromium	8.45		mg/kg			YES	J					J									
Chromium	8.45		mg/kg			YES	J					J									
Lead	9.44		mg/kg			YES	J					J									
Lead	9.44		mg/kg			YES	J					J									
Selenium	2.17		mg/kg	U		YES															
Selenium	2.17		mg/kg	U		YES															
Silver	1.08		mg/kg	U		YES															
Silver	1.08		mg/kg	U		YES															
<b>Analysis Method : 7471B</b>				<b>Dilution: 1</b>																	
Mercury	0.00986		mg/kg	J		YES															
<b>Analysis Method : 8151</b>				<b>Dilution: 1</b>																	
2,4,5-T	0.0176		mg/kg	U		YES															
2,4,5-TP (Silvex)	0.0176		mg/kg	U		YES															
2,4'-D	0.0176		mg/kg	U		YES															
2,4-DB	0.0176		mg/kg	U		YES															
Dicamba	0.0176		mg/kg	U		YES															
<b>Analysis Method : 8260B</b>				<b>Dilution: 1</b>																	
1,1,1,2-Tetrachloroethane	4.17		ug/Kg	U		YES															
1,1,1-Trichloroethane	4.17		ug/Kg	U		YES															
1,1,2,2-Tetrachloroethane	4.17		ug/Kg	U		YES															
1,1,2-Trichloroethane	4.17		ug/Kg	U		YES															

Project Number and Name: 1x2 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5768

Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S3  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872004

Lab Report Batch : 31101872  
 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																				
1,1-Dichloroethane	4.17		ug/Kg	U	YES															
1,1-Dichloroethene	4.17		ug/Kg	U	YES															
1,1-Dichloropropene	4.17		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.17		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.17		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.50		ug/Kg		YES															
1,2,4-Trimethylbenzene	4.17		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	25.0		ug/Kg	U	YES															
1,2-Dibromoethane	4.17		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.17		ug/Kg	U	YES															
1,2-Dichloroethane	4.17		ug/Kg	U	YES															
1,2-Dichloropropane	4.17		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	2.40		ug/Kg	J	YES															
1,3-Dichlorobenzene	4.17		ug/Kg	U	YES															
1,3-Dichloropropane	4.17		ug/Kg	U	YES															
1,4-Dichlorobenzene	2.56		ug/Kg	J	YES															
2,2-Dichloropropane	4.17		ug/Kg	U	YES															
2-Butanone	22.8		ug/Kg		YES	J					J									
2-Chlorotoluene	4.17		ug/Kg	U	YES															
2-Hexanone	2.91		ug/Kg	J	YES	J					J									
4-Chlorotoluene	4.17		ug/Kg	U	YES															
4-Isopropyltoluene	4.17		ug/Kg	U	YES															
4-Methyl-2-pentanone	10.4		ug/Kg	U	YES															
Acetone	118		ug/Kg		YES															
Benzene	117		ug/Kg		YES															
Bromobenzene	4.17		ug/Kg	U	YES															

Project Number and Name: 102 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/3/2011 08:59

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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

5769

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S3  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872004

Lab Report Batch : 31101872  
 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 Ljmit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	
Analysis Method : 8260B			Dilution: 1																		
Bromochloromethane	4.17		ug/Kg	U	YES																
Bromodichloromethane	4.17		ug/Kg	U	YES																
Bromofom	4.17		ug/Kg	U	YES																
Bromomethane	4.17		ug/Kg	U	YES																
Carbon disulfide	4.17		ug/Kg	U	YES																
Carbon tetrachloride	4.17		ug/Kg	U	YES																
Chlorobenzene	8.36		ug/Kg		YES																
Chloroethane	4.17		ug/Kg	U	YES																
Chloroform	4.17		ug/Kg	U	YES																
Chloromethane	4.17		ug/Kg	U	YES																
cis-1,2-Dichloroethene	4.17		ug/Kg	U	YES																
cis-1,3-Dichloropropene	4.17		ug/Kg	U	YES																
Dibromochloromethane	4.17		ug/Kg	U	YES																
Dibromomethane	4.17		ug/Kg	U	YES																
Dichlorodifluoromethane	4.17		ug/Kg	U	YES																
Ethyl Benzene	4.17		ug/Kg	U	YES																
Hexachlorobutadiene	4.17		ug/Kg	U	YES																
Isopropylbenzene (Cumene)	4.17		ug/Kg	U	YES																
m,p-Xylene	3.33		ug/Kg	J	YES																
Methyl iodide	3.46		ug/Kg	J	YES																
Methylene chloride	0.867		ug/Kg	J	YES																
Naphthalene	8.51		ug/Kg		YES																
n-Butylbenzene	4.17		ug/Kg	U	YES																
n-Propylbenzene	4.17		ug/Kg	U	YES																
o-Xylene	3.54		ug/Kg	J	YES																
sec-Butylbenzene	4.17		ug/Kg	U	YES																

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/8/2011 08:59

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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

5770

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S3  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872004

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
Styrene	4.17		ug/Kg	U	YES	UJ					UJ									
tert-Butyl methyl ether (MTBE)	4.17		ug/Kg	U	YES															
tert-Butylbenzene	4.17		ug/Kg	U	YES															
Tetrachloroethene	14.3		ug/Kg	U	YES															
Toluene	4.17		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.17		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.17		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	20.8		ug/Kg	U	YES															
Trichloroethene	4.17		ug/Kg	U	YES															
Trichlorofluoromethane	4.17		ug/Kg	U	YES															
Vinyl chloride	4.17		ug/Kg	U	YES															
<b>Analysis Method : 8270D</b>																				
<b>Dilution: 1</b>																				
1,2,4-Trichlorobenzene	369		ug/Kg	U	YES															
1,2-Dichlorobenzene	369		ug/Kg	U	YES															
1,3-Dichlorobenzene	369		ug/Kg	U	YES															
1,4-Dichlorobenzene	369		ug/Kg	U	YES															
2,4,5-Trichlorophenol	369		ug/Kg	U	YES															
2,4,6-Trichlorophenol	369		ug/Kg	U	YES															
2,4-Dichlorophenol	369		ug/Kg	U	YES															
2,4-Dinitrotoluene	369		ug/Kg	U	YES															
2,6-Dinitrotoluene	369		ug/Kg	U	YES															
2-Chloronaphthalene	369		ug/Kg	U	YES															
2-Chlorophenol	369		ug/Kg	U	YES															
2-Methylnaphthalene	369		ug/Kg	U	YES															
2-Methylphenol	369		ug/Kg	U	YES															
2-Nitroaniline	369		ug/Kg	U	YES															

Project Number and Name: 182 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5771



# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S3  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872004

Lab Report Batch : 31101872  
 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-Nitrophenol	369		ug/Kg	U	YES															
3 and/or 4-Methylphenol	369		ug/Kg	U	YES															
3-Nitroaniline	369		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	369		ug/Kg	U	YES															
4-Chloro-3-methylphenol	369		ug/Kg	U	YES															
4-Chloroaniline	369		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	369		ug/Kg	U	YES															
4-Nitroaniline	369		ug/Kg	U	YES															
4-Nitrophenol	369		ug/Kg	U	YES															
Acenaphthene	369		ug/Kg	U	YES															
Acenaphthylene	369		ug/Kg	U	YES															
Anthracene	369		ug/Kg	U	YES															
Benzo(a)anthracene	369		ug/Kg	U	YES															
Benzo(a)pyrene	369		ug/Kg	U	YES															
Benzo(b)fluoranthene	369		ug/Kg	U	YES															
Benzo(g,h,i)perylene	369		ug/Kg	U	YES															
Benzo(k)fluoranthene	369		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	369		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	369		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	369		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	29.4		ug/Kg	J	YES															
Butyl benzyl phthalate	369		ug/Kg	U	YES															
Chrysene	369		ug/Kg	U	YES															
Dibenz(a,h)anthracene	369		ug/Kg	U	YES															
Dibenzofuran	369		ug/Kg	U	YES															
Diethyl phthalate	369		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 0.2

Report Date: 9/6/2011 00:59

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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

5772

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S3  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872004

Lab Report Batch : 31101872  
 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																				
Dimethyl phthalate	369		ug/Kg	U	YES															
Di-n-butyl phthalate	369		ug/Kg	U	YES															
Di-n-octyl phthalate	369		ug/Kg	U	YES	UJ				UJ										
Fluoranthene	369		ug/Kg	U	YES															
Fluorene	369		ug/Kg	U	YES															
Hexachlorobenzene	369		ug/Kg	U	YES															
Hexachlorobutadiene	369		ug/Kg	U	YES															
Hexachlorocyclopentadiene	369		ug/Kg	U	YES															
Hexachloroethane	369		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	369		ug/Kg	U	YES															
Isophorone	369		ug/Kg	U	YES															
Naphthalene	369		ug/Kg	U	YES															
Nitrobenzene	369		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	369		ug/Kg	U	YES															
Pentachlorophenol	369		ug/Kg	U	YES															
Phenanthrene	369		ug/Kg	U	YES															
Phenol	369		ug/Kg	U	YES															
Pyrene	369		ug/Kg	U	YES															

Project Number and Name: i\*Z - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5773

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S4  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872005

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 6010C</b>			<b>Dilution: 1</b>																	
Arsenic	1.09		mg/kg		YES															
Arsenic	1.09		mg/kg		YES															
Barium	64.3		mg/kg		YES															
Barium	64.3		mg/kg		YES															
Cadmium	0.560		mg/kg		YES															
Cadmium	0.560		mg/kg		YES															
Chromium	5.15		mg/kg		YES	J							J							
Chromium	5.15		mg/kg		YES	J							J							
Lead	5.48		mg/kg		YES	J							J							
Lead	5.48		mg/kg		YES	J							J							
Selenium	1.92		mg/kg	U	YES															
Selenium	1.92		mg/kg	U	YES															
Silver	0.960		mg/kg	U	YES															
Silver	0.960		mg/kg	U	YES															
<b>Analysis Method : 7471B</b>			<b>Dilution: 1</b>																	
Mercury	0.00135		mg/kg	J	YES															
<b>Analysis Method : 8081</b>			<b>Dilution: 1</b>																	
4,4'-DDD	1.84		ug/Kg	J P	YES	J						J								
4,4'-DDD	1.04		ug/Kg	J P	YES	J						J								
4,4'-DDE	10.5		ug/Kg	U	YES															
4,4'-DDE	10.5		ug/Kg	U	YES															
4,4'-DDT	1.45		ug/Kg	J P	YES	J							J							
4,4'-DDT	1.45		ug/Kg	J P	YES	J							J							
Aldrin	10.5		ug/Kg	U	YES															
Aldrin	10.5		ug/Kg	U	YES															
alpha-BHC	10.5		ug/Kg	U	YES															
alpha-BHC	10.5		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:50

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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

5774

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S4  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872005

Lab Report Batch : 31101872  
 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																				
alpha-Chlordane	10.5		ug/Kg	U	YES	R														
alpha-Chlordane	10.5		ug/Kg	U	YES	R														
beta-BHC	10.5		ug/Kg	U	YES															
beta-BHC	10.5		ug/Kg	U	YES															
Chlordane	35.0		ug/Kg	U	YES															
Chlordane	35.0		ug/Kg	U	YES															
delta-BHC	0.933		ug/Kg	J	YES															
delta-BHC	0.933		ug/Kg	J	YES															
Dieldrin	10.5		ug/Kg	U	YES															
Dieldrin	10.5		ug/Kg	U	YES															
Endosulfan I	10.5		ug/Kg	U	YES															
Endosulfan I	10.5		ug/Kg	U	YES															
Endosulfan II	10.5		ug/Kg	U	YES															
Endosulfan II	10.5		ug/Kg	U	YES															
Endosulfan sulfate	10.5		ug/Kg	U	YES															
Endosulfan sulfate	10.5		ug/Kg	U	YES															
Endrin	10.5		ug/Kg	U	YES															
Endrin	10.5		ug/Kg	U	YES															
Endrin aldehyde	10.5		ug/Kg	U	YES															
Endrin aldehyde	10.5		ug/Kg	U	YES															
Endrin ketone	10.5		ug/Kg	U	YES															
Endrin ketone	10.5		ug/Kg	U	YES															
gamma-BHC (Lindane)	4.26		ug/Kg	J	YES	J					J									
gamma-BHC (Lindane)	4.26		ug/Kg	J	YES	J					J									
gamma-Chlordane	10.5		ug/Kg	U	YES															
gamma-Chlordane	10.5		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5775

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S4  
 Sample Date : 07/12/2011  
 Lab Sample ID : 31101872005

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 8081</b>																				
<b>Dilution: 1</b>																				
Heptachlor	10.5		ug/Kg	U	YES															
Heptachlor	10.5		ug/Kg	U	YES															
Heptachlor epoxide	10.5		ug/Kg	U	YES															
Heptachlor epoxide	10.5		ug/Kg	U	YES															
Methoxychlor	10.5		ug/Kg	U	YES															
Methoxychlor	10.5		ug/Kg	U	YES															
Toxaphene	35.0		ug/Kg	U	YES															
Toxaphene	35.0		ug/Kg	U	YES															
<b>Analysis Method : 8161</b>																				
<b>Dilution: 1</b>																				
2,4,5-T	0.0177		mg/kg	U	YES															
2,4,5-TP (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															
<b>Analysis Method : 8260B</b>																				
<b>Dilution: 1</b>																				
1,1,1,2-Tetrachloroethane	4.45		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.45		ug/Kg	U	YES															
1,1,1,2-Tetrachloroethane	4.45		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.45		ug/Kg	U	YES															
1,1-Dichloroethane	4.45		ug/Kg	U	YES															
1,1-Dichloroethene	4.45		ug/Kg	U	YES															
1,1-Dichloropropene	4.45		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.45		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.45		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.45		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.45		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	26.7		ug/Kg	U	YES															

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

Library Used: CampCurroll

ADR 8.2

Report Date: 9/6/2011 09:59

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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

5776

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S4  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872005

Lab Report Batch : 31101872  
 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-Dibromoethane	4.45		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.45		ug/Kg	U	YES															
1,2-Dichloroethane	4.45		ug/Kg	U	YES															
1,2-Dichloropropane	4.45		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.45		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.45		ug/Kg	U	YES															
1,3-Dichloropropane	4.45		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.45		ug/Kg	U	YES															
2,2-Dichloropropane	4.45		ug/Kg	U	YES															
2-Butanone	22.3		ug/Kg	U	YES															
2-Chlorotoluene	4.45		ug/Kg	U	YES															
2-Hexanone	11.1		ug/Kg	U	YES															
4-Chlorotoluene	4.45		ug/Kg	U	YES															
4-Isopropyltoluene	4.45		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.1		ug/Kg	U	YES															
Acetone	7.47		ug/Kg	J	YES															
Benzene	26.6		ug/Kg		YES															
Bromobenzene	4.45		ug/Kg	U	YES															
Bromochloromethane	4.45		ug/Kg	U	YES															
Bromoform	4.45		ug/Kg	U	YES															
Bromomethane	4.45		ug/Kg	U	YES															
Carbon disulfide	4.45		ug/Kg	U	YES															
Carbon tetrachloride	4.45		ug/Kg	U	YES															
Chlorobenzene	4.45		ug/Kg	U	YES															
Chloroethane	4.45		ug/Kg	U	YES															

Project Number and Name: 1x2 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 07/12/2011 08:50

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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

5777

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S4  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872005

Lab Report Batch : 31101872  
 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																				
Chloroform	4.45		ug/Kg	U	YES															
Chloromethane	4.45		ug/Kg	U	YES															
cis-1,2-Dichloroethene	0.793		ug/Kg	J	YES															
cis-1,3-Dichloropropene	4.45		ug/Kg	U	YES															
Dibromochloromethane	4.45		ug/Kg	U	YES															
Dibromomethane	4.45		ug/Kg	U	YES															
Dichlorodifluoromethane	4.45		ug/Kg	U	YES															
Ethyl Benzene	4.45		ug/Kg	U	YES															
Hexachlorobutadiene	4.45		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.45		ug/Kg	U	YES															
m,p-Xylene	8.90		ug/Kg	U	YES															
Methyl iodide	4.45		ug/Kg	U	YES															
Methylene chloride	0.873		ug/Kg	J	YES															
Naphthalene	4.45		ug/Kg	U	YES															
n-Butylbenzene	4.45		ug/Kg	U	YES															
n-Propylbenzene	4.45		ug/Kg	U	YES															
o-Xylene	4.45		ug/Kg	U	YES															
sec-Butylbenzene	4.45		ug/Kg	U	YES															
Etyrono	4.46		ug/Kg	U	YCC															
tert-Butyl methyl ether (MTBE)	4.45		ug/Kg	U	YES															
tert-Butylbenzene	4.45		ug/Kg	U	YES															
Tetrachloroethene	4.00		ug/Kg	J	YES															
Toluene	4.45		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.45		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.45		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	22.3		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8 ?

Report Date: 9/6/2011 08:59

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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

5778

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S4  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872005

Lab Report Batch : 31101872  
 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 GC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
Trichloroethene	4.45		ug/Kg	U	YES															
Trichlorofluoromethane	4.45		ug/Kg	U	YES															
Vinyl chloride	4.45		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															
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															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5779



# Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S4  
 Sample Date : 07/12/2011  
 Lab Sample ID : 31101872005

Lab Report Batch : 31101872  
 Analysis Type: RES

Lab ID : SGSW  
 Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist To/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
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	41.0		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	UJ					UJ									
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															

Project Number and Name: T-1 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR # ?

Report Date: 9/6/2011 08:59

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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

5780

Sample Qualification Report (All Analytes)

Client Sample ID : E11-118-S4  
 Sample Date : 07/12/2011  
 Lab Sample ID: 31101872005

Lab Report Batch : 31101872  
 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																				
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 Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5781

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872006

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 6010C</b>				<b>Dilution: 1</b>																
Arsenic	3.53		mg/kg		YES															
Arsenic	3.53		mg/kg		YES															
Barium	88.6		mg/kg		YES															
Barium	88.6		mg/kg		YES															
Cadmium	0.610		mg/kg		YES															
Cadmium	0.610		mg/kg		YES															
Chromium	5.18		mg/kg		YES	J							J							
Chromium	5.18		mg/kg		YES	J							J							
Lead	10.1		mg/kg		YES	J							J							
Lead	10.1		mg/kg		YES	J							J							
Selenium	0.444		mg/kg	J	YES															
Selenium	0.444		mg/kg	J	YES															
Silver	0.987		mg/kg	U	YES															
Silver	0.987		mg/kg	U	YES															
<b>Analysis Method : 7471B</b>				<b>Dilution: 1</b>																
Mercury	0.00119		mg/kg	J	YES															
<b>Analysis Method : 8081</b>				<b>Dilution: 1</b>																
4,4'-DDD	10.1		ug/Kg	U	YES															
4,4'-DDD	10.1		ug/Kg	U	YCC															
4,4'-DDE	0.755		ug/Kg	J	YES	J							J							
4,4'-DDE	0.755		ug/Kg	J	YES	J							J							
4,4'-DDT	3.17		ug/Kg	J/P	YES	J							J							
4,4'-DDT	3.17		ug/Kg	J/P	YES	J							J							
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															

Project Number and Name: 12 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 00:59

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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

5782

Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872006

Lab Report Batch : 31101872  
 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																				
alpha-Chlordane	10.1		ug/Kg	U	YES	R						R								
alpha-Chlordane	10.1		ug/Kg	U	YES	R						R								
beta-BHC	10.1		ug/Kg	U	YES															
beta-BHC	10.1		ug/Kg	U	YES															
Chlordane	33.6		ug/Kg	U	YES															
Chlordane	33.6		ug/Kg	U	YES															
delta-BHC	10.1		ug/Kg	U	YES															
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	YCC															
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															

Project Number and Name: 102 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 82

Report Date: 9/6/2011 08:59

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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

5783

Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872006

Lab Report Batch : 31101872  
 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																				
Heptachlor	10.1		ug/Kg	U	YES															
Heptachlor	10.1		ug/Kg	U	YES															
Heptachlor epoxide	10.1		ug/Kg	U	YES															
Heptachlor epoxide	10.1		ug/Kg	U	YES															
Methoxychlor	10.1		ug/Kg	U	YES															
Methoxychlor	10.1		ug/Kg	U	YES															
Toxaphene	33.6		ug/Kg	U	YES															
Toxaphene	33.6		ug/Kg	U	YES															
Analysis Method : 8151																				
Dilution: 1																				
2,4,5-T	0.0168		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0168		mg/kg	U	YES															
2,4-D	0.0168		mg/kg	U	YES															
2,4-DB	0.0168		mg/kg	U	YES															
Dicamba	0.0168		mg/kg	U	YES															
Analysis Method : 8260B																				
Dilution: 1																				
1,1,1,2-Tetrachloroethane	4.09		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.09		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.09		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.09		ug/Kg	U	YES															
1,1-Dichloroethane	4.09		ug/Kg	U	YES															
1,1-Dichloroethene	4.09		ug/Kg	U	YES															
1,1-Dichloropropene	4.09		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.09		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.09		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.09		ug/Kg	U	YES	UJ						UJ								
1,2,4-Trimethylbenzene	4.09		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	24.5		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5784

Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872006

Lab Report Batch : 31101872  
 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 ToDis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 1																				
1,2-Dibromoethane	4.09		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.09		ug/Kg	U	YES															
1,2-Dichloroethane	4.09		ug/Kg	U	YES															
1,2-Dichloropropane	4.09		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.09		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.09		ug/Kg	U	YES															
1,3-Dichloropropane	4.09		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.09		ug/Kg	U	YES															
2,2-Dichloropropane	4.09		ug/Kg	U	YES															
2-Butanone	20.4		ug/Kg	U	YES															
2-Chlorotoluene	4.09		ug/Kg	U	YES															
2-Hexanone	10.2		ug/Kg	U	YES															
4-Chlorotoluene	4.09		ug/Kg	U	YES															
4-Isopropyltoluene	4.09		ug/Kg	U	YES															
4-Methyl-2-pentanone	10.2		ug/Kg	U	YES															
Acetone	12.4		ug/Kg	J	YES															
Benzene	4.09		ug/Kg	U	YES															
Bromobenzene	4.09		ug/Kg	U	YES															
Bromochloromethane	4.09		ug/Kg	U	YES															
Bromodichloromethane	4.09		ug/Kg	U	YES															
Bromoform	4.09		ug/Kg	U	YES															
Bromomethane	4.09		ug/Kg	U	YES															
Carbon disulfide	4.09		ug/Kg	U	YES															
Carbon tetrachloride	4.09		ug/Kg	U	YES															
Chlorobenzene	4.09		ug/Kg	U	YES															
Chloroethane	4.09		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5785

Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872006

Lab Report Batch : 31101872  
 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 : 8260B																				
Dilution: 1																				
Chloroform	4.09		ug/Kg	U	YES															
Chloromethane	4.09		ug/Kg	U	YES															
cis-1,2-Dichloroethene	1.81		ug/Kg	J	YES															
cis-1,3-Dichloropropene	4.09		ug/Kg	U	YES															
Dibromochloromethane	4.09		ug/Kg	U	YES															
Dibromomethane	4.09		ug/Kg	U	YES															
Dichlorodifluoromethane	4.09		ug/Kg	U	YES															
Ethyl Benzene	4.09		ug/Kg	U	YES															
Hexachlorobutadiene	4.09		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.09		ug/Kg	U	YES															
m,p-Xylene	8.18		ug/Kg	U	YES															
Methyl iodide	4.09		ug/Kg	U	YES															
Methylene chloride	2.74		ug/Kg	J	YES															
Naphthalene	4.09		ug/Kg	U	YES															
n-Butylbenzene	4.09		ug/Kg	U	YES															
n-Propylbenzene	4.09		ug/Kg	U	YES															
o-Xylene	4.09		ug/Kg	U	YES															
sec-Butylbenzene	4.09		ug/Kg	U	YES															
Styrene	4.09		ug/Kg	U	YES	UJ					UJ									
tert-Butyl methyl ether (MTBE)	4.09		ug/Kg	U	YES															
tert-Butylbenzene	4.09		ug/Kg	U	YES															
Tetrachloroethene	6.90		ug/Kg		YES															
Toluene	6.22		ug/Kg		YES															
trans-1,2-Dichloroethene	4.09		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.09		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	20.4		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5786

Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872006

Lab Report Batch : 31101872  
 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																				
Trichloroethene	4.09		ug/Kg	U	YES															
Trichlorofluoromethane	4.09		ug/Kg	U	YES															
Vinyl chloride	4.09		ug/Kg	U	YES															
Analysis Method : 8270D																				
Dilution: 1																				
1,2,4-Trichlorobenzene	345		ug/Kg	U	YES															
1,2-Dichlorobenzene	345		ug/Kg	U	YES															
1,3-Dichlorobenzene	345		ug/Kg	U	YES															
1,4-Dichlorobenzene	345		ug/Kg	U	YES															
2,4,5-Trichlorophenol	345		ug/Kg	U	YES															
2,4,6-Trichlorophenol	345		ug/Kg	U	YES															
2,4-Dichlorophenol	345		ug/Kg	U	YES															
2,4-Dimethylphenol	345		ug/Kg	U	YES															
2,4-Dinitrotoluene	345		ug/Kg	U	YES															
2,6-Dinitrotoluene	345		ug/Kg	U	YES															
2-Chloronaphthalene	345		ug/Kg	U	YES															
2-Chlorophenol	345		ug/Kg	U	YES															
2-Methylnaphthalene	345		ug/Kg	U	YES															
2-Methylphenol	345		ug/Kg	U	YES															
2-Nitroaniline	345		ug/Kg	U	YES															
2-Nitrophenol	345		ug/Kg	U	YCG															
3 and/or 4-Methylphenol	345		ug/Kg	U	YES															
3-Nitroaniline	345		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	345		ug/Kg	U	YES															
4-Chloro-3-methylphenol	345		ug/Kg	U	YES															
4-Chloroaniline	345		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	345		ug/Kg	U	YES															
4-Nitroaniline	345		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5987



# Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872006

Lab Report Batch : 31101872  
 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-Nitrophenol	345		ug/Kg	U	YES															
Acenaphthene	345		ug/Kg	U	YES															
Acenaphthylene	345		ug/Kg	U	YES															
Anthracene	345		ug/Kg	U	YES															
Benzo(a)anthracene	345		ug/Kg	U	YES															
Benzo(a)pyrene	345		ug/Kg	U	YES															
Benzo(b)fluoranthene	345		ug/Kg	U	YES															
Benzo(g,h,i)perylene	345		ug/Kg	U	YES															
Benzo(k)fluoranthene	345		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	345		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	345		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	345		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	345		ug/Kg	U	YES															
Butyl benzyl phthalate	345		ug/Kg	U	YES															
Chrysene	345		ug/Kg	U	YES															
Dibenz(a,h)anthracene	345		ug/Kg	U	YES															
Dibenzofuran	345		ug/Kg	U	YES															
Diethyl phthalate	345		ug/Kg	U	YES															
Dimethyl phthalate	345		ug/Kg	U	YES															
Di-n-butyl phthalate	345		ug/Kg	U	YES															
Di-n-octyl phthalate	345		ug/Kg	U	YES	UJ					UJ									
Fluoranthene	345		ug/Kg	U	YES															
Fluorene	345		ug/Kg	U	YES															
Hexachlorobenzene	345		ug/Kg	U	YES															
Hexachlorobutadiene	345		ug/Kg	U	YES															
Hexachlorocyclopentadiene	345		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 8/6/2011 08:59

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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

5788

### Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S1  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872006

Lab Report Batch : 31101872  
 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																				
Hexachloroethane	345		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	345		ug/Kg	U	YES															
Isophorone	345		ug/Kg	U	YES															
Naphthalene	345		ug/Kg	U	YES															
Nitrobenzene	345		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	345		ug/Kg	U	YES															
Pentachlorophenol	345		ug/Kg	U	YES															
Phenanthrene	345		ug/Kg	U	YES															
Phenol	345		ug/Kg	U	YES															
Pyrene	345		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:58

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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

5789

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872007

Lab Report Batch : 31101872  
 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 : 8260B																				
Dilution: 800																				
1,1,1,2-Tetrachloroethane	847		ug/Kg	U	YES															
1,1,1-Trichloroethane	847		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	847		ug/Kg	U	YES															
1,1,2-Trichloroethane	847		ug/Kg	U	YES															
1,1-Dichloroethane	847		ug/Kg	U	YES															
1,1-Dichloroethene	847		ug/Kg	U	YES															
1,1-Dichloropropene	847		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	847		ug/Kg	U	YES															
1,2,3-Trichloropropane	847		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	847		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	847		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	4240		ug/Kg	U	YES															
1,2-Dibromoethane	847		ug/Kg	U	YES															
1,2-Dichlorobenzene	847		ug/Kg	U	YES															
1,2-Dichloroethane	847		ug/Kg	U	YES															
1,2-Dichloropropane	847		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	847		ug/Kg	U	YES															
1,3-Dichlorobenzene	847		ug/Kg	U	YES															
1,3-Dichloropropane	847		ug/Kg	U	YES															
1,4-Dichlorobenzene	847		ug/Kg	U	YES															
2,2-Dichloropropane	847		ug/Kg	U	YES															
2-Butanone	21200		ug/Kg	U	YES															
2-Chlorotoluene	847		ug/Kg	U	YES															
2-Hexanone	4240		ug/Kg	U	YES															
4-Chlorotoluene	847		ug/Kg	U	YES															
4-Isopropyltoluene	847		ug/Kg	U	YES															

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

Library Used: CampCurroll

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

5790

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872007

Lab Report Batch : 31101872  
 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 Quat*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 800																				
4-Methyl-2-pentanone	4240		ug/Kg	U	YES															
Acetone	21200		ug/Kg	U	YES															
Benzene	847		ug/Kg	U	YES															
Bromobenzene	847		ug/Kg	U	YES															
Bromochloromethane	847		ug/Kg	U	YES															
Bromodichloromethane	847		ug/Kg	U	YES															
Bromoform	847		ug/Kg	U	YES															
Bromomethane	847		ug/Kg	U	YES															
Carbon disulfide	847		ug/Kg	U	YES															
Carbon tetrachloride	847		ug/Kg	U	YES															
Chlorobenzene	847		ug/Kg	U	YES															
Chloroethane	847		ug/Kg	U	YES															
Chloroform	847		ug/Kg	U	YES															
Chloromethane	847		ug/Kg	U	YES															
cis-1,2-Dichloroethene	847		ug/Kg	U	YES															
cis-1,3-Dichloropropene	847		ug/Kg	U	YES															
Dibromochloromethane	847		ug/Kg	U	YES															
Dibromomethane	847		ug/Kg	U	YES															
Dichlorodifluoromethane	4240		ug/Kg	U	YFR															
Ethyl Benzene	847		ug/Kg	U	YES															
Hexachlorobutadiene	847		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	847		ug/Kg	U	YES															
m,p-Xylene	1690		ug/Kg	U	YES															
Methyl iodide	847		ug/Kg	U	YES															
Methylene chloride	4240		ug/Kg	U	YES															
Naphthalene	847		ug/Kg	U	YES															

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

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5791

Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872007

Lab Report Batch : 31101872  
 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 : 8260B																				
Dilution: 800																				
n-Butylbenzene	847		ug/Kg	U	YES															
n-Propylbenzene	847		ug/Kg	U	YES															
o-Xylene	847		ug/Kg	U	YES															
sec-Butylbenzene	847		ug/Kg	U	YES															
Styrene	847		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	847		ug/Kg	U	YES															
tert-Butylbenzene	847		ug/Kg	U	YES															
Tetrachloroethene	18000		ug/Kg	U	YES															
Toluene	847		ug/Kg	U	YES															
trans-1,2-Dichloroethene	847		ug/Kg	U	YES															
trans-1,3-Dichloropropene	847		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	4240		ug/Kg	U	YES															
Trichloroethene	186		ug/Kg	J	YES															
Trichlorofluoromethane	847		ug/Kg	U	YES															
Vinyl chloride	847		ug/Kg	U	YES															

Project Number and Name: T-2 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5792

Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872007

Lab Report Batch : 31101872  
 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	2.73		mg/kg			YES														
Arsenic	2.73		mg/kg			YES														
Barium	86.8		mg/kg			YES														
Barium	86.8		mg/kg			YES														
Cadmium	0.823		mg/kg			YES														
Cadmium	0.823		mg/kg			YES														
Chromium	5.41		mg/kg			YES	J					J								
Chromium	5.41		mg/kg			YES	J					J								
Lead	13.7		mg/kg			YES	J					J								
Lead	13.7		mg/kg			YES	J					J								
Selenium	2.25		mg/kg	U		YES														
Selenium	2.25		mg/kg	U		YES														
Silver	1.13		mg/kg	U		YES														
Silver	1.13		mg/kg	U		YES														
Analysis Method : 7471B																				
Dilution: 1																				
Mercury	0.00181		mg/kg	J		YES														
Analysis Method : 8081																				
Dilution: 1																				
4,4'-DDD	32.3		ug/Kg			YES	J				J									
4,4'-DDD	32.3		ug/Kg			YES	J				J									
4,4'-DDE	5.23		ug/Kg	J	YES	J					J									
4,4'-DDE	5.23		ug/Kg	J	YES	J					J									
4,4'-DDT	11.4		ug/Kg			YES	J				J									
4,4'-DDT	11.4		ug/Kg			YES	J				J									
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														

Project Number and Name: 102 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5793

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872007

Lab Report Batch : 31101872  
 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																				
alpha-Chlordane	10.9		ug/Kg	U	YES	R						R								
alpha-Chlordane	10.9		ug/Kg	U	YES	R						R								
beta-BHC	10.9		ug/Kg	U	YES															
beta-BHC	10.9		ug/Kg	U	YES															
Chlordane	36.5		ug/Kg	U	YES															
Chlordane	36.5		ug/Kg	U	YES															
delta-BHC	10.9		ug/Kg	U	YES															
delta-BHC	10.9		ug/Kg	U	YES															
Dieldrin	10.9		ug/Kg	U	YES															
Dieldrin	10.9		ug/Kg	U	YES															
Endosulfan I	10.9		ug/Kg	U	YES															
Endosulfan I	10.9		ug/Kg	U	YES															
Endosulfan II	10.9		ug/Kg	U	YES															
Endosulfan II	10.9		ug/Kg	U	YES															
Endosulfan sulfate	10.9		ug/Kg	U	YES															
Endosulfan sulfate	10.9		ug/Kg	U	YES															
Endrin	10.9		ug/Kg	U	YES															
Endrin	10.9		ug/Kg	U	YES															
Endrin aldehyde	10.9		ug/Kg	U	YES															
Endrin aldehyde	10.9		ug/Kg	U	YES															
Endrin ketone	10.9		ug/Kg	U	YES															
Endrin ketone	10.9		ug/Kg	U	YES															
gamma-BHC (Lindane)	1.65		ug/Kg	J	YES	J					J									
gamma-BHC (Lindane)	1.65		ug/Kg	J	YES	J					J									
gamma-Chlordane	10.9		ug/Kg	U	YES															
gamma-Chlordane	10.9		ug/Kg	U	YES															

Project Number and Name: 172 - 11-032E Carroll Agent Orange

Library Used: CampCarroll

ADR 8.2

Report Date: 9/6/2011 08:59

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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

5794

Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872007

Lab Report Batch : 31101872  
 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
<b>Analysis Method : 8081</b>																				
<b>Dilution: 1</b>																				
Heptachlor	10.9		ug/Kg	U	YES															
Heptachlor	10.9		ug/Kg	U	YES															
Heptachlor epoxide	10.9		ug/Kg	U	YES															
Heptachlor epoxide	10.9		ug/Kg	U	YES															
Methoxychlor	10.9		ug/Kg	U	YES															
Methoxychlor	10.9		ug/Kg	U	YES															
Toxaphene	36.5		ug/Kg	U	YES															
Toxaphene	36.5		ug/Kg	U	YES															
<b>Analysis Method : 8151</b>																				
<b>Dilution: 1</b>																				
2,4,5-T	0.0182		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0182		mg/kg	U	YES															
2,4-D	0.0182		mg/kg	U	YES															
2,4-DB	0.0182		mg/kg	U	YES															
Dicamba	0.0182		mg/kg	U	YES															
<b>Analysis Method : 8270D</b>																				
<b>Dilution: 1</b>																				
1,2,4-Trichlorobenzene	361		ug/Kg	U	YES															
1,2-Dichlorobenzene	361		ug/Kg	U	YES															
1,3-Dichlorobenzene	361		ug/Kg	U	YES															
1,4-Dichlorobenzene	361		ug/Kg	U	YES															
2,4,5-Trichlorophenol	361		ug/Kg	U	YES															
2,4,6-Trichlorophenol	361		ug/Kg	U	YES															
2,4-Dichlorophenol	361		ug/Kg	U	YES															
2,4-Dimethylphenol	361		ug/Kg	U	YES															
2,4-Dinitrotoluene	361		ug/Kg	U	YES															
2,6-Dinitrotoluene	361		ug/Kg	U	YES															
2-Chloronaphthalene	361		ug/Kg	U	YES															
2-Chlorophenol	361		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

5795



# Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872007

Lab Report Batch : 31101872  
 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 ToDis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D																				
Dilution: 1																				
2-Methylnaphthalene	361		ug/Kg	U	YES															
2-Methylphenol	361		ug/Kg	U	YES															
2-Nitroaniline	361		ug/Kg	U	YES															
2-Nitrophenol	361		ug/Kg	U	YES															
3 and/or 4-Methylphenol	361		ug/Kg	U	YES															
3-Nitroaniline	361		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	361		ug/Kg	U	YES															
4-Chloro-3-methylphenol	361		ug/Kg	U	YES															
4-Chloroaniline	361		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	361		ug/Kg	U	YES															
4-Nitroaniline	361		ug/Kg	U	YES															
4-Nitrophenol	361		ug/Kg	U	YES															
Acenaphthene	361		ug/Kg	U	YES															
Acenaphthylene	361		ug/Kg	U	YES															
Anthracene	361		ug/Kg	U	YES															
Benzo(a)anthracene	361		ug/Kg	U	YES															
Benzo(a)pyrene	361		ug/Kg	U	YES															
Benzo(b)fluoranthene	361		ug/Kg	U	YES															
Benzo(g,h,i)perylene	361		ug/Kg	U	YES															
Benzo(k)fluoranthene	361		ug/Kg	U	YCD															
Bis(2-Chloroethoxy)methane	361		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	361		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	361		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	361		ug/Kg	U	YES															
Butyl benzyl phthalate	361		ug/Kg	U	YES															
Chrysene	361		ug/Kg	U	YES															

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Library Used: CampCarroll

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

5796

# Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S2  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872007

Lab Report Batch : 31101872  
 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																				
Dibenz(a,h)anthracene	361		ug/Kg	U	YES															
Dibenzofuran	361		ug/Kg	U	YES															
Diethyl phthalate	361		ug/Kg	U	YES															
Dimethyl phthalate	361		ug/Kg	U	YES															
Di-n-butyl phthalate	361		ug/Kg	U	YES															
Di-n-octyl phthalate	361		ug/Kg	U	YES	UJ				UJ										
Fluoranthene	361		ug/Kg	U	YES															
Fluorene	361		ug/Kg	U	YES															
Hexachlorobenzene	361		ug/Kg	U	YES															
Hexachlorobutadiene	361		ug/Kg	U	YES															
Hexachlorocyclopentadiene	361		ug/Kg	U	YES															
Hexachloroethane	361		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	361		ug/Kg	U	YES															
Isophorone	361		ug/Kg	U	YES															
Naphthalene	361		ug/Kg	U	YES															
Nitrobenzene	361		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	361		ug/Kg	U	YES															
Pentachlorophenol	361		ug/Kg	U	YES															
Phenanthrene	361		ug/Kg	U	YES															
Phenol	361		ug/Kg	U	YES															
Pyrene	361		ug/Kg	U	YES															

Project Number and Name: 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

5797

Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872008

Lab Report Batch : 31101872  
 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 To/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B																				
Dilution: 50																				
1,1,1,2-Tetrachloroethane	49.3		ug/Kg	U	YES															
1,1,1-Trichloroethane	49.3		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	49.3		ug/Kg	U	YES															
1,1,2-Trichloroethane	49.3		ug/Kg	U	YES															
1,1-Dichloroethane	49.3		ug/Kg	U	YES															
1,1-Dichloroethene	49.3		ug/Kg	U	YES															
1,1-Dichloropropene	49.3		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	49.3		ug/Kg	U	YES															
1,2,3-Trichloropropane	49.3		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	49.3		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	49.3		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	246		ug/Kg	U	YES															
1,2-Dibromoethane	49.3		ug/Kg	U	YES															
1,2-Dichlorobenzene	49.3		ug/Kg	U	YES															
1,2-Dichloroethane	49.3		ug/Kg	U	YES															
1,2-Dichloropropane	49.3		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	49.3		ug/Kg	U	YES															
1,3-Dichlorobenzene	49.3		ug/Kg	U	YES															
1,3-Dichloropropane	49.3		ug/Kg	U	YES															
1,4-Dichlorobenzene	49.3		ug/Kg	U	YES															
2,2-Dichloropropane	49.3		ug/Kg	U	YES															
2-Butanone	1230		ug/Kg	U	YES															
2-Chlorotoluene	49.3		ug/Kg	U	YES															
2-Hexanone	246		ug/Kg	U	YES															
4-Chlorotoluene	49.3		ug/Kg	U	YES															
4-Isopropyltoluene	49.3		ug/Kg	U	YES															

Project Number and Name: 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

5798

Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872008

Lab Report Batch : 31101872  
 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 : 8260B																				
Dilution: 50																				
4-Methyl-2-pentanone	246		ug/Kg	U	YES															
Acetone	1230		ug/Kg	U	YES															
Benzene	49.3		ug/Kg	U	YES															
Bromobenzene	49.3		ug/Kg	U	YES															
Bromochloromethane	49.3		ug/Kg	U	YES															
Bromodichloromethane	49.3		ug/Kg	U	YES															
Bromoforn	49.3		ug/Kg	U	YES															
Bromomethane	49.3		ug/Kg	U	YES															
Carbon disulfide	49.3		ug/Kg	U	YES															
Carbon tetrachloride	49.3		ug/Kg	U	YES															
Chlorobenzene	7.39		ug/Kg	J	YES															
Chloroethane	49.3		ug/Kg	U	YES															
Chloroform	49.3		ug/Kg	U	YES															
Chloromethane	49.3		ug/Kg	U	YES															
cis-1,2-Dichloroethene	215		ug/Kg		YES															
cis-1,3-Dichloropropene	49.3		ug/Kg	U	YES															
Dibromochloromethane	49.3		ug/Kg	U	YES															
Dibromomethane	49.3		ug/Kg	U	YES															
Dichlorodifluoromethane	246		ug/Kg	U	YFR															
Ethyl Benzene	49.3		ug/Kg	U	YES															
Hexachlorobutadiene	49.3		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	40.3		ug/Kg	U	YCG															
m,p-Xylene	98.5		ug/Kg	U	YES															
Methyl iodide	49.3		ug/Kg	U	YES															
Methylene chloride	7.88		ug/Kg	J	YES															
Naphthalene	49.3		ug/Kg	U	YES															

Project Number and Name: 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

5799

Sample Qualification Report (All Analytes)

Client Sample ID : E11-119-S3  
 Sample Date : 07/13/2011  
 Lab Sample ID: 31101872008

Lab Report Batch : 31101872  
 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 : 8260B																				
Dilution: 50																				
n-Butylbenzene	49.3		ug/Kg	U	YES															
n-Propylbenzene	49.3		ug/Kg	U	YES															
o-Xylene	49.3		ug/Kg	U	YES															
sec-Butylbenzene	49.3		ug/Kg	U	YES															
Styrene	49.3		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	49.3		ug/Kg	U	YES															
tert-Butylbenzene	49.3		ug/Kg	U	YES															
Tetrachloroethene	34.0		ug/Kg	J	YES															
Toluene	7.39		ug/Kg	J	YES															
trans-1,2-Dichloroethene	49.3		ug/Kg	U	YES															
trans-1,3-Dichloropropene	49.3		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	246		ug/Kg	U	YES															
Trichloroethene	49.3		ug/Kg	U	YES															
Trichlorofluoromethane	49.3		ug/Kg	U	YES															
Vinyl chloride	49.3		ug/Kg	U	YES															

Project Number and Name: Y\*Z - 11-032E Carroll Agent Orange

Library Used: CampCarroll

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Report Date: 9/8/2011 08:59

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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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