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Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S1 **Lab Report Batch :** 31101879 **Lab ID :** SGSW

Sample Date : 07/14/2011 **Analysis Type: RES** **Sample Matrix :** SO

Lab Sample ID: 31101879012

Reviewed By / Date : **Approved By / Date :**

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081					**Dilution: 1**															
Toxaphene	34.2		ug/Kg	U	YES															
Analysis Method : 8151					**Dilution: 1**															
2,4,5-T	0.0171		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0171		mg/kg	U	YES	UJ					UJ									
2,4'-D	0.0171		mg/kg	U	YES	UJ					UJ									
2,4-DB	0.0171		mg/kg	U	YES															
Dicamba	0.0171		mg/kg	U	YES															
Analysis Method : 8260B					**Dilution: 1**															
1,1,1,2-Tetrachloroethane	4.92		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.92		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.92		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.92		ug/Kg	U	YES															
1,1-Dichloroethane	4.92		ug/Kg	U	YES															
1,1-Dichloroethene	4.92		ug/Kg	U	YES															
1,1-Dichloropropene	4.92		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.92		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.92		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.92		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.92		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	29.5		ug/Kg	U	YES															
1,2-Dibromoethane	4.92		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.92		ug/Kg	U	YES															
1,2-Dichloroethane	4.92		ug/Kg	U	YES															
1,2-Dichloropropane	4.92		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.92		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.92		ug/Kg	U	YES															
1,3-Dichloropropane	4.92		ug/Kg	U	YES															

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

5001

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S1 **Lab Report Batch :** 31101879 **Lab ID :** SGSW

Sample Date : 07/14/2011 **Analysis Type:** RES **Sample Matrix :** SO

Lab Sample ID: 31101879012

Reviewed By / Date : **Approved By / Date :**

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	4.92		ug/Kg	U	YES															
2,2-Dichloropropane	4.92		ug/Kg	U	YES															
2-Butanone	4.33		ug/Kg	J	YES	J							J							
2-Chlorotoluene	4.92		ug/Kg	U	YES															
2-Hexanone	12.3		ug/Kg	U	YES															
4-Chlorotoluene	4.92		ug/Kg	U	YES															
4-Isopropyltoluene	4.92		ug/Kg	U	YES															
4-Methyl-2-pentanone	12.3		ug/Kg	U	YES															
Acetone	25.2		ug/Kg	J	YES	J							J							
Benzene	4.92		ug/Kg	U	YES															
Bromobenzene	4.92		ug/Kg	U	YES															
Bromochloromethane	4.92		ug/Kg	U	YES															
Bromodichloromethane	4.92		ug/Kg	U	YES															
Bromoform	4.92		ug/Kg	U	YES															
Bromomethane	4.92		ug/Kg	U	YES															
Carbon disulfide	4.92		ug/Kg	U	YES															
Carbon tetrachloride	4.92		ug/Kg	U	YES															
Chlorobenzene	4.92		ug/Kg	U	YES															
Chloroethane	4.92		ug/Kg	U	YES															
Chloroform	4.92		ug/Kg	U	YES															
Chloromethane	4.92		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.92		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.92		ug/Kg	U	YES															
Dibromochloromethane	4.92		ug/Kg	U	YES															
Dibromomethane	4.92		ug/Kg	U	YES															
Dichlorodifluoromethane	4.92		ug/Kg	U	YES															

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

5003

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S1 **Lab Report Batch :** 31101879 **Lab ID :** SGSW

Sample Date : 07/14/2011 **Analysis Type:** RES **Sample Matrix :** SO

Lab Sample ID: 31101879012

Reviewed By / Date : **Approved By / Date :**

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B					**Dilution: 1**															
Ethyl Benzene	4.92		ug/Kg	U	YES															
Hexachlorobutadiene	4.92		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.92		ug/Kg	U	YES															
m,p-Xylene	9.83		ug/Kg	U	YES															
Methyl Iodide	1.23		ug/Kg	J	YES	J							J							
Methylene chloride	1.59		ug/Kg	J	YES	UJ			U				J							
Naphthalene	4.92		ug/Kg	U	YES															
n-Butylbenzene	4.92		ug/Kg	U	YES															
n-Propylbenzene	4.92		ug/Kg	U	YES															
o-Xylene	4.92		ug/Kg	U	YES															
sec-Butylbenzene	4.92		ug/Kg	U	YES															
Styrene	4.92		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.92		ug/Kg	U	YES															
tert-Butylbenzene	4.92		ug/Kg	U	YES															
Tetrachloroethene	4.92		ug/Kg	U	YES															
Toluene	1.30		ug/Kg	J	YES	J							J							
trans-1,2-Dichloroethene	4.92		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.92		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	24.6		ug/Kg	U	YES															
Trichloroethene	4.92		ug/Kg	U	YES															
Trichlorofluoromethane	4.92		ug/Kg	U	YES															
Vinyl chloride	4.92		ug/Kg	U	YES															
Analysis Method : 8270D					**Dilution: 1**															
1,2,4-Trichlorobenzene	346		ug/Kg	U	YES															
1,2-Dichlorobenzene	346		ug/Kg	U	YES															
1,3-Dichlorobenzene	346		ug/Kg	U	YES															
1,4-Dichlorobenzene	346		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange **Library Used:** CampCarroll

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

5003

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S1 **Lab Report Batch :** 31101879 **Lab ID :** SGSW

Sample Date : 07/14/2011 **Analysis Type: RES** **Sample Matrix :** SO

Lab Sample ID: 31101879012

Reviewed By / Date : **Approved By / Date :**

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	346		ug/Kg	U	YES															
2,4,6-Trichlorophenol	346		ug/Kg	U	YES															
2,4-Dichlorophenol	346		ug/Kg	U	YES															
2,4-Dimethylphenol	346		ug/Kg	U	YES															
2,4-Dinitrotoluene	346		ug/Kg	U	YES															
2,6-Dinitrotoluene	346		ug/Kg	U	YES															
2-Chloronaphthalene	346		ug/Kg	U	YES															
2-Chlorophenol	346		ug/Kg	U	YES															
2-Methylnaphthalene	346		ug/Kg	U	YES															
2-Methylphenol	346		ug/Kg	U	YES															
2-Nitroaniline	346		ug/Kg	U	YES															
2-Nitrophenol	346		ug/Kg	U	YES															
3 and/or 4-Methylphenol	346		ug/Kg	U	YES															
3-Nitroaniline	346		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	346		ug/Kg	U	YES															
4-Chloro-3-methylphenol	346		ug/Kg	U	YES															
4-Chloroaniline	346		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	346		ug/Kg	U	YES															
4-Nitroaniline	346		ug/Kg	U	YES															
4-Nitrophenol	346		ug/Kg	U	YES															
Acenaphthene	346		ug/Kg	U	YES															
Acenaphthylene	346		ug/Kg	U	YES															
Anthracene	346		ug/Kg	U	YES															
Benzo(a)anthracene	346		ug/Kg	U	YES															
Benzo(a)pyrene	346		ug/Kg	U	YES															
Benzo(b)fluoranthene	346		ug/Kg	U	YES															

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

5004

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S1 **Lab Report Batch :** 31101879 **Lab ID :** SGSW

Sample Date : 07/14/2011 **Analysis Type: RES** **Sample Matrix :** SO

Lab Sample ID: 31101879012

Reviewed By / Date : **Approved By / Date :**

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	346		ug/Kg	U	YES															
Benzo(k)fluoranthene	346		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	346		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	346		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	346		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	27.6		ug/Kg	J	YES															
Butyl benzyl phthalate	346		ug/Kg	U	YES															
Chrysene	346		ug/Kg	U	YES															
Dibenz(a,h)anthracene	346		ug/Kg	U	YES															
Dibenzofuran	346		ug/Kg	U	YES															
Diethyl phthalate	346		ug/Kg	U	YES															
Dimethyl phthalate	346		ug/Kg	U	YES															
Di-n-butyl phthalate	346		ug/Kg	U	YES															
Di-n-octyl phthalate	346		ug/Kg	U	YES															
Fluoranthene	346		ug/Kg	U	YES															
Fluorene	346		ug/Kg	U	YES															
Hexachlorobenzene	346		ug/Kg	U	YES															
Hexachlorobutadiene	346		ug/Kg	U	YES															
Hexachlorocyclopentadiene	346		ug/Kg	U	YES															
Hexachloroethane	346		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	346		ug/Kg	U	YES															
Isophorone	346		ug/Kg	U	YES															
Naphthalene	346		ug/Kg	U	YES															
Nitrobenzene	346		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	346		ug/Kg	U	YES															
Pentachlorophenol	346		ug/Kg	U	YES															

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

5005

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S1 **Lab Report Batch :** 31101879 **Lab ID :** SGSW

Sample Date : 07/14/2011 **Analysis Type:** RES **Sample Matrix :** SO

Lab Sample ID: 31101879012

Reviewed By / Date : **Approved By / Date :**

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	346		ug/Kg	U	YES															
Phenol	346		ug/Kg	U	YES															
Pyrene	346		ug/Kg	U	YES															

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

5006

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S2 **Lab Report Batch :** 31101879 **Lab ID :** SGSW

Sample Date : 07/14/2011 **Analysis Type:** RES **Sample Matrix :** SO

Lab Sample ID: 31101879013

Reviewed By / Date : **Approved By / Date :**

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	2.42		mg/kg		YES	J						J								
Barium	91.3		mg/kg		YES	J						J								
Cadmium	0.682		mg/kg		YES	J						J								
Chromium	2.83		mg/kg		YES															
Lead	6.69		mg/kg		YES	J						J								
Selenium	2.13		mg/kg	U	YES															
Silver	0.232		mg/kg	J	YES	U			U											
Analysis Method : 7471B					**Dilution: 1**															
Mercury	0.0205		mg/kg	U	YES															
Analysis Method : 8081					**Dilution: 1**															
4,4'-DDD	1.92		ug/Kg	J	YES															
4,4'-DDD	1.92		ug/Kg	J	YES															
4,4'-DDE	2.76		ug/Kg	J	YES															
4,4'-DDE	2.76		ug/Kg	J	YES															
4,4'-DDT	5.27		ug/Kg	J	YES	U			U											
4,4'-DDT	5.27		ug/Kg	J	YES	U			U											
Aldrin	10.0		ug/Kg	U	YES															
Aldrin	10.0		ug/Kg	U	YES															
alpha-BHC	10.0		ug/Kg	U	YES															
alpha-BHC	10.0		ug/Kg	U	YES															
alpha-Chlordane	10.0		ug/Kg	U	YES															
alpha-Chlordane	10.0		ug/Kg	U	YES															
beta-BHC	10.0		ug/Kg	U	YES															
beta-BHC	10.0		ug/Kg	U	YES															
Chlordane	33.5		ug/Kg	U	YES															
Chlordane	33.5		ug/Kg	U	YES															
delta-BHC	10.0		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange **Library Used:** CampCarroll

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

5067

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S2 **Lab Report Batch :** 31101879 **Lab ID :** SGSW

Sample Date : 07/14/2011 **Analysis Type: RES** **Sample Matrix :** SO

Lab Sample ID: 31101879013

Reviewed By / Date : **Approved By / Date :**

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081						**Dilution: 1**														
delta-BHC	10.0		ug/Kg	U	YES															
Dieldrin	10.0		ug/Kg	U	YES															
Dieldrin	10.0		ug/Kg	U	YES															
Endosulfan I	10.0		ug/Kg	U	YES															
Endosulfan I	10.0		ug/Kg	U	YES															
Endosulfan II	10.0		ug/Kg	U	YES															
Endosulfan II	10.0		ug/Kg	U	YES															
Endosulfan sulfate	10.0		ug/Kg	U	YES															
Endosulfan sulfate	10.0		ug/Kg	U	YES															
Endrin	10.0		ug/Kg	U	YES															
Endrin	10.0		ug/Kg	U	YES															
Endrin aldehyde	10.0		ug/Kg	U	YES															
Endrin aldehyde	10.0		ug/Kg	U	YES															
Endrin ketone	10.0		ug/Kg	U	YES															
Endrin ketone	10.0		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.0		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.0		ug/Kg	U	YES															
gamma-Chlordane	10.0		ug/Kg	U	YES															
gamma-Chlordane	10.0		ug/Kg	U	YES															
Heptachlor	10.0		ug/Kg	U	YES															
Heptachlor	10.0		ug/Kg	U	YES															
Heptachlor epoxide	10.0		ug/Kg	U	YES															
Heptachlor epoxide	10.0		ug/Kg	U	YES															
Methoxychlor	10.0		ug/Kg	U	YES															
Methoxychlor	10.0		ug/Kg	U	YES															
Toxaphene	33.5		ug/Kg	U	YES															

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5008

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S2 **Lab Report Batch :** 31101879 **Lab ID :** SGSW

Sample Date : 07/14/2011 **Analysis Type:** RES **Sample Matrix :** SO

Lab Sample ID: 31101879013

Reviewed By / Date : **Approved By / Date :**

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081					**Dilution: 1**															
Toxaphene	33.5		ug/Kg	U	YES															
Analysis Method : 8151					**Dilution: 1**															
2,4,5-T	0.0165		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0165		mg/kg	U	YES	UJ					UJ									
2,4'-D	0.0165		mg/kg	U	YES	UJ					UJ									
2,4-DB	0.0165		mg/kg	U	YES															
Dicamba	0.0165		mg/kg	U	YES															
Analysis Method : 8260B					**Dilution: 1**															
1,1,1,2-Tetrachloroethane	4.12		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.12		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.12		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.12		ug/Kg	U	YES															
1,1-Dichloroethane	4.12		ug/Kg	U	YES															
1,1-Dichloroethene	4.12		ug/Kg	U	YES															
1,1-Dichloropropene	4.12		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.12		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.12		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.12		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.12		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	24.7		ug/Kg	U	YES															
1,2-Dibromoethane	4.12		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.12		ug/Kg	U	YES															
1,2-Dichloroethane	4.12		ug/Kg	U	YES															
1,2-Dichloropropane	4.12		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.12		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.12		ug/Kg	U	YES															
1,3-Dichloropropane	4.12		ug/Kg	U	YES															

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5009

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879013

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 1**														
1,4-Dichlorobenzene	4.12		ug/Kg	U	YES															
2,2-Dichloropropane	4.12		ug/Kg	U	YES															
2-Butanone	20.6		ug/Kg	U	YES															
2-Chlorotoluene	4.12		ug/Kg	U	YES															
2-Hexanone	10.3		ug/Kg	U	YES															
4-Chlorotoluene	4.12		ug/Kg	U	YES															
4-Isopropyltoluene	4.12		ug/Kg	U	YES															
4-Methyl-2-pentanone	10.3		ug/Kg	U	YES															
Acetone	5.13		ug/Kg	J	YES															
Benzene	4.12		ug/Kg	U	YES															
Bromobenzene	4.12		ug/Kg	U	YES															
Bromochloromethane	4.12		ug/Kg	U	YES															
Bromodichloromethane	4.12		ug/Kg	U	YES															
Bromoform	4.12		ug/Kg	U	YES															
Bromomethane	4.12		ug/Kg	U	YES															
Carbon disulfide	4.12		ug/Kg	U	YES															
Carbon tetrachloride	4.12		ug/Kg	U	YES															
Chlorobenzene	4.12		ug/Kg	U	YES															
Chloroethane	4.12		ug/Kg	U	YES															
Chloroform	4.12		ug/Kg	U	YES															
Chloromethane	4.12		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.12		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.12		ug/Kg	U	YES															
Dibromochloromethane	4.12		ug/Kg	U	YES															
Dibromomethane	4.12		ug/Kg	U	YES															
Dichlorodifluoromethane	4.12		ug/Kg	U	YES															

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

5010

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879013

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B					**Dilution: 1**															
Ethyl Benzene	4.12		ug/Kg	U	YES															
Hexachlorobutadiene	4.12		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.12		ug/Kg	U	YES															
m,p-Xylene	8.23		ug/Kg	U	YES															
Methyl iodide	4.12		ug/Kg	U	YES															
Methylene chloride	0.889		ug/Kg	J	YES															
Naphthalene	4.12		ug/Kg	U	YES															
n-Butylbenzene	4.12		ug/Kg	U	YES															
n-Propylbenzene	4.12		ug/Kg	U	YES															
o-Xylene	4.12		ug/Kg	U	YES															
sec-Butylbenzene	4.12		ug/Kg	U	YES															
Styrene	4.12		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.12		ug/Kg	U	YES															
tert-Butylbenzene	4.12		ug/Kg	U	YES															
Tetrachloroethene	4.12		ug/Kg	U	YES															
Toluene	1.84		ug/Kg	J	YES															
trans-1,2-Dichloroethene	4.12		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.12		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	20.6		ug/Kg	U	YES															
Trichloroethene	4.12		ug/Kg	U	YES															
Trichlorofluoromethane	4.12		ug/Kg	U	YES															
Vinyl chloride	4.12		ug/Kg	U	YES															
Analysis Method : 8270D					**Dilution: 1**															
1,2,4-Trichlorobenzene	335		ug/Kg	U	YES															
1,2-Dichlorobenzene	335		ug/Kg	U	YES															
1,3-Dichlorobenzene	335		ug/Kg	U	YES															
1,4-Dichlorobenzene	335		ug/Kg	U	YES															

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

5011

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879013

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

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

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

5012

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879013

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D					**Dilution: 1**															
Benzo(g,h,i)perylene	335		ug/Kg	U	YES															
Benzo(k)fluoranthene	335		ug/Kg	U	YES															
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															
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	335		ug/Kg	U	YES															
Nitrobenzene	335		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	335		ug/Kg	U	YES															
Pentachlorophenol	335		ug/Kg	U	YES															

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

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

5013

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879013

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

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

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

5014

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879016

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C					**Dilution: 1**															
Arsenic	1.45		mg/kg		YES	J						J								
Barium	107		mg/kg		YES	J						J								
Cadmium	0.642		mg/kg		YES	UJ			U			J								
Chromium	2.47		mg/kg		YES															
Lead	7.56		mg/kg		YES	J						J								
Selenium	2.01		mg/kg	U	YES															
Silver	1.00		mg/kg	U	YES															
Analysis Method : 7471B					**Dilution: 1**															
Mercury	0.0209		mg/kg	U	YES															
Analysis Method : 8081					**Dilution: 1**															
4,4'-DDD	9.84		ug/Kg	U	YES															
4,4'-DDE	9.84		ug/Kg	U	YES															
4,4'-DDT	9.84		ug/Kg	U	YES															
Aldrin	9.84		ug/Kg	U	YES															
alpha-BHC	9.84		ug/Kg	U	YES															
alpha-Chlordane	9.84		ug/Kg	U	YES															
beta-BHC	9.84		ug/Kg	U	YES															
Chlordane	32.8		ug/Kg	U	YES															
delta-BHC	9.84		ug/Kg	U	YES															
Dieldrin	9.84		ug/Kg	U	YES															
Endosulfan I	9.84		ug/Kg	U	YES															
Endosulfan II	9.84		ug/Kg	U	YES															
Endosulfan sulfate	9.84		ug/Kg	U	YES															
Endrin	9.84		ug/Kg	U	YES															
Endrin aldehyde	9.84		ug/Kg	U	YES															
Endrin ketone	9.84		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.84		ug/Kg	U	YES															

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

5015

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879016

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081					**Dilution: 1**															
gamma-Chlordane	9.84		ug/Kg	U	YES															
Heptachlor	9.84		ug/Kg	U	YES															
Heptachlor epoxide	9.84		ug/Kg	U	YES															
Methoxychlor	9.84		ug/Kg	U	YES															
Toxaphene	32.8		ug/Kg	U	YES															
Analysis Method : 8151					**Dilution: 1**															
2,4,5-T	0.0167		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0167		mg/kg	U	YES	UJ					UJ									
2,4'-D	0.0167		mg/kg	U	YES	UJ					UJ									
2,4-DB	0.0167		mg/kg	U	YES															
Dicamba	0.0167		mg/kg	U	YES															
Analysis Method : 8260B					**Dilution: 1**															
1,1,1,2-Tetrachloroethane	4.43		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.43		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.43		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.43		ug/Kg	U	YES															
1,1-Dichloroethane	4.43		ug/Kg	U	YES															
1,1-Dichloroethene	4.43		ug/Kg	U	YES															
1,1-Dichloropropene	4.43		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.43		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.43		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.43		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.43		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	26.6		ug/Kg	U	YES															
1,2-Dibromoethane	4.43		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.43		ug/Kg	U	YES															
1,2-Dichloroethane	4.43		ug/Kg	U	YES															

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

5016

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879016

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 1**														
1,2-Dichloropropane	4.43		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.43		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.43		ug/Kg	U	YES															
1,3-Dichloropropane	4.43		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.43		ug/Kg	U	YES															
2,2-Dichloropropane	4.43		ug/Kg	U	YES															
2-Butanone	22.1		ug/Kg	U	YES															
2-Chlorotoluene	4.43		ug/Kg	U	YES															
2-Hexanone	11.1		ug/Kg	U	YES															
4-Chlorotoluene	4.43		ug/Kg	U	YES															
4-Isopropyltoluene	4.43		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.1		ug/Kg	U	YES															
Acetone	10.4		ug/Kg	J	YES	J							J							
Benzene	4.43		ug/Kg	U	YES															
Bromobenzene	4.43		ug/Kg	U	YES															
Bromochloromethane	4.43		ug/Kg	U	YES															
Bromodichloromethane	4.43		ug/Kg	U	YES															
Bromoform	4.43		ug/Kg	U	YES															
Bromomethane	4.43		ug/Kg	U	YES															
Carbon disulfide	4.43		ug/Kg	U	YES															
Carbon tetrachloride	4.43		ug/Kg	U	YES															
Chlorobenzene	4.43		ug/Kg	U	YES															
Chloroethane	4.43		ug/Kg	U	YES															
Chloroform	4.43		ug/Kg	U	YES															
Chloromethane	4.43		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.43		ug/Kg	U	YES															

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

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

5017

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879016

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B					**Dilution: 1**															
cis-1,3-Dichloropropene	4.43		ug/Kg	U	YES															
Dibromochloromethane	4.43		ug/Kg	U	YES															
Dibromomethane	4.43		ug/Kg	U	YES															
Dichlorodifluoromethane	4.43		ug/Kg	U	YES															
Ethyl Benzene	4.43		ug/Kg	U	YES															
Hexachlorobutadiene	4.43		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.43		ug/Kg	U	YES															
m,p-Xylene	8.85		ug/Kg	U	YES															
Methyl iodide	4.43		ug/Kg	U	YES															
Methylene chloride	1.16		ug/Kg	J	YES	UJ			U				J							
Naphthalene	4.43		ug/Kg	U	YES															
n-Butylbenzene	4.43		ug/Kg	U	YES															
n-Propylbenzene	4.43		ug/Kg	U	YES															
o-Xylene	4.43		ug/Kg	U	YES															
sec-Butylbenzene	4.43		ug/Kg	U	YES															
Styrene	4.43		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.43		ug/Kg	U	YES															
tert-Butylbenzene	4.43		ug/Kg	U	YES															
Tetrachloroethene	4.43		ug/Kg	U	YES															
Toluene	2.89		ug/Kg	J	YES	J							J							
trans-1,2-Dichloroethene	4.43		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.43		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	22.1		ug/Kg	U	YES															
Trichloroethene	4.43		ug/Kg	U	YES															
Trichlorofluoromethane	4.43		ug/Kg	U	YES															
Vinyl chloride	4.43		ug/Kg	U	YES															
Analysis Method : 8270D					**Dilution: 1**															

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

5018

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879016

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

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

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

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

5019

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879016

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

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

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

5020

Sample Qualification Report (All Analytes)

Client Sample ID : E11-140-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879016

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

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

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

50 21

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S1
Sample Date : 07/14/2011
Lab Sample ID: 31101879028

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081					**Dilution: 10**															
4,4'-DDD	7.36		ug/Kg	J P	YES	J							J							
4,4'-DDD	7.36		ug/Kg	J P	YES	J							J							
4,4'-DDE	102		ug/Kg	U	YES	UJ							UJ							
4,4'-DDE	102		ug/Kg	U	YES	UJ							UJ							
4,4'-DDT	107		ug/Kg		YES	J							J							
4,4'-DDT	107		ug/Kg		YES	J							J							
Aldrin	102		ug/Kg	U	YES	UJ							UJ							
Aldrin	102		ug/Kg	U	YES	UJ							UJ							
alpha-BHC	102		ug/Kg	U	YES	UJ							UJ							
alpha-BHC	102		ug/Kg	U	YES	UJ							UJ							
alpha-Chlordane	102		ug/Kg	U	YES	UJ							UJ							
alpha-Chlordane	102		ug/Kg	U	YES	UJ							UJ							
beta-BHC	102		ug/Kg	U	YES	UJ							UJ							
beta-BHC	102		ug/Kg	U	YES	UJ							UJ							
Chlordane	340		ug/Kg	U	YES	UJ							UJ							
Chlordane	340		ug/Kg	U	YES	UJ							UJ							
delta-BHC	102		ug/Kg	U	YES	UJ							UJ							
delta-BHC	102		ug/Kg	U	YES	UJ							UJ							
Dieldrin	102		ug/Kg	U	YES	UJ							UJ							
Dieldrin	102		ug/Kg	U	YES	UJ							UJ							
Endosulfan I	102		ug/Kg	U	YES	UJ							UJ							
Endosulfan I	102		ug/Kg	U	YES	UJ							UJ							
Endosulfan II	102		ug/Kg	U	YES	UJ							UJ							
Endosulfan II	102		ug/Kg	U	YES	UJ							UJ							
Endosulfan sulfate	102		ug/Kg	U	YES	UJ							UJ							
Endosulfan sulfate	102		ug/Kg	U	YES	UJ							UJ							

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

5022

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S1
Sample Date : 07/14/2011
Lab Sample ID: 31101879028

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081						**Dilution: 10**														
Endrin	102		ug/Kg	U	YES	UJ							UJ							
Endrin	102		ug/Kg	U	YES	UJ							UJ							
Endrin aldehyde	102		ug/Kg	U	YES	UJ							UJ							
Endrin aldehyde	102		ug/Kg	U	YES	UJ							UJ							
Endrin ketone	102		ug/Kg	U	YES	UJ							UJ							
Endrin ketone	102		ug/Kg	U	YES	UJ							UJ							
gamma-BHC (Lindane)	102		ug/Kg	U	YES	UJ							UJ							
gamma-BHC (Lindane)	102		ug/Kg	U	YES	UJ							UJ							
gamma-Chlordane	102		ug/Kg	U	YES	UJ							UJ							
gamma-Chlordane	102		ug/Kg	U	YES	UJ							UJ							
Heptachlor	102		ug/Kg	U	YES	UJ							UJ							
Heptachlor	102		ug/Kg	U	YES	UJ							UJ							
Heptachlor epoxide	102		ug/Kg	U	YES	UJ							UJ							
Heptachlor epoxide	102		ug/Kg	U	YES	UJ							UJ							
Methoxychlor	102		ug/Kg	U	YES	UJ							UJ							
Methoxychlor	102		ug/Kg	U	YES	UJ							UJ							
Toxaphene	340		ug/Kg	U	YES	UJ							UJ							
Toxaphene	340		ug/Kg	U	YES	UJ							UJ							

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

5023

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S1
Sample Date : 07/14/2011
Lab Sample ID: 31101879028

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C					**Dilution: 1**															
Arsenic	2.38		mg/kg		YES															
Barium	57.8		mg/kg		YES															
Cadmium	0.509		mg/kg	J	YES	U			U											
Chromium	2.79		mg/kg		YES															
Lead	8.08		mg/kg		YES	J						J								
Selenium	2.20		mg/kg	U	YES															
Silver	0.267		mg/kg	J	YES	U			U											
Analysis Method : 7471B					**Dilution: 1**															
Mercury	0.000950		mg/kg	J	YES															
Analysis Method : 8151					**Dilution: 1**															
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															
Analysis Method : 8260B					**Dilution: 1**															
1,1,1,2-Tetrachloroethane	4.00		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.00		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.00		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.00		ug/Kg	U	YES															
1,1-Dichloroethane	4.00		ug/Kg	U	YES															
1,1-Dichloroethene	4.00		ug/Kg	U	YES															
1,1-Dichloropropene	4.00		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.00		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.00		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.00		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.00		ug/Kg	U	YES															

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

5024

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S1
Sample Date : 07/14/2011
Lab Sample ID: 31101879028

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B					**Dilution: 1**															
1,2-Dibromo-3-chloropropane	24.0		ug/Kg	U	YES															
1,2-Dibromoethane	4.00		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.00		ug/Kg	U	YES															
1,2-Dichloroethane	4.00		ug/Kg	U	YES															
1,2-Dichloropropane	4.00		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.00		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.00		ug/Kg	U	YES															
1,3-Dichloropropane	4.00		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.00		ug/Kg	U	YES															
2,2-Dichloropropane	4.00		ug/Kg	U	YES															
2-Butanone	11.8		ug/Kg	J	YES	J							J							
2-Chlorotoluene	4.00		ug/Kg	U	YES															
2-Hexanone	10.0		ug/Kg	U	YES															
4-Chlorotoluene	4.00		ug/Kg	U	YES															
4-Isopropyltoluene	4.00		ug/Kg	U	YES															
4-Methyl-2-pentanone	10.0		ug/Kg	U	YES															
Acetone	93.5		ug/Kg		YES	J							J							
Benzene	4.00		ug/Kg	U	YES															
Bromobenzene	4.00		ug/Kg	U	YES															
Bromochloromethane	4.00		ug/Kg	U	YES															
Bromodichloromethane	4.00		ug/Kg	U	YES															
Bromoform	4.00		ug/Kg	U	YES															
Bromomethane	4.00		ug/Kg	U	YES															
Carbon disulfide	4.00		ug/Kg	U	YES															
Carbon tetrachloride	4.00		ug/Kg	U	YES															
Chlorobenzene	4.00		ug/Kg	U	YES															

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

ADR 8.2

Report Date: 9/6/2011 08:23

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

5025

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S1
Sample Date : 07/14/2011
Lab Sample ID: 31101879028

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 1**														
Chloroethane	4.00		ug/Kg	U	YES															
Chloroform	4.00		ug/Kg	U	YES															
Chloromethane	4.00		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.00		ug/Kg	U	YES															
cis-1,3-Dichloropropene	4.00		ug/Kg	U	YES															
Dibromochloromethane	4.00		ug/Kg	U	YES															
Dibromomethane	4.00		ug/Kg	U	YES															
Dichlorodifluoromethane	4.00		ug/Kg	U	YES															
Ethyl Benzene	4.00		ug/Kg	U	YES															
Hexachlorobutadiene	4.00		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.00		ug/Kg	U	YES															
m,p-Xylene	8.00		ug/Kg	U	YES															
Methyl iodide	2.21		ug/Kg	J	YES	J							J							
Methylene chloride	0.960		ug/Kg	J	YES	UJ			U				J							
Naphthalene	4.00		ug/Kg	U	YES															
n-Butylbenzene	4.00		ug/Kg	U	YES															
n-Propylbenzene	4.00		ug/Kg	U	YES															
o-Xylene	4.00		ug/Kg	U	YES															
sec-Butylbenzene	4.00		ug/Kg	U	YES															
Styrene	4.00		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.00		ug/Kg	U	YES															
tert-Butylbenzene	4.00		ug/Kg	U	YES															
Tetrachloroethene	4.00		ug/Kg	U	YES															
Toluene	4.00		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.00		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.00		ug/Kg	U	YES															

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

SO 26

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S1
Sample Date : 07/14/2011
Lab Sample ID: 31101879028

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B					**Dilution: 1**															
trans-1,4-Dichloro-2-butene	20.0		ug/Kg	U	YES															
Trichloroethene	4.00		ug/Kg	U	YES															
Trichlorofluoromethane	4.00		ug/Kg	U	YES															
Vinyl chloride	4.00		ug/Kg	U	YES															
Analysis Method : 8270D					**Dilution: 1**															
1,2,4-Trichlorobenzene	335		ug/Kg	U	YES															
1,2-Dichlorobenzene	335		ug/Kg	U	YES															
1,3-Dichlorobenzene	335		ug/Kg	U	YES															
1,4-Dichlorobenzene	335		ug/Kg	U	YES															
2,4,5-Trichlorophenol	335		ug/Kg	U	YES															
2,4,6-Trichlorophenol	335		ug/Kg	U	YES															
2,4-Dichlorophenol	335		ug/Kg	U	YES															
2,4-Dimethylphenol	335		ug/Kg	U	YES															
2,4-Dinitrotoluene	335		ug/Kg	U	YES															
2,6-Dinitrotoluene	335		ug/Kg	U	YES															
2-Chloronaphthalene	335		ug/Kg	U	YES															
2-Chlorophenol	335		ug/Kg	U	YES															
2-Methylnaphthalene	335		ug/Kg	U	YES															
2-Methylphenol	335		ug/Kg	U	YES															
2-Nitroaniline	335		ug/Kg	U	YES															
2-Nitrophenol	335		ug/Kg	U	YES															
3 and/or 4-Methylphenol	335		ug/Kg	U	YES															
3-Nitroaniline	335		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	335		ug/Kg	U	YES															
4-Chloro-3-methylphenol	335		ug/Kg	U	YES															
4-Chloroaniline	335		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	335		ug/Kg	U	YES															

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

5827

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S1
Sample Date : 07/14/2011
Lab Sample ID: 31101879028

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

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

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

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

5028

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S1
Sample Date : 07/14/2011
Lab Sample ID: 31101879028

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

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

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

5029

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879029

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date : .....

Approved By / Date : .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C					**Dilution: 1**															
Arsenic	19.8		mg/kg		YES															
Barium	65.3		mg/kg		YES															
Cadmium	0.698		mg/kg		YES	U			U											
Chromium	2.79		mg/kg		YES															
Lead	13.9		mg/kg		YES	J						J								
Selenium	0.495		mg/kg	J	YES															
Silver	0.264		mg/kg	J	YES	U			U											
Analysis Method : 7471B					**Dilution: 1**															
Mercury	0.0202		mg/kg	U	YES															
Analysis Method : 8081					**Dilution: 1**															
4,4'-DDD	9.70		ug/Kg	U	YES															
4,4'-DDD	9.70		ug/Kg	U	YES															
4,4'-DDE	4.78		ug/Kg	J	YES															
4,4'-DDE	4.78		ug/Kg	J	YES															
4,4'-DDT	14.7		ug/Kg		YES															
4,4'-DDT	14.7		ug/Kg		YES															
Aldrin	9.70		ug/Kg	U	YES															
Aldrin	9.70		ug/Kg	U	YES															
alpha-BHC	9.70		ug/Kg	U	YES															
alpha-BHC	9.70		ug/Kg	U	YES															
alpha-Chlordane	9.70		ug/Kg	U	YES															
alpha-Chlordane	9.70		ug/Kg	U	YES															
beta-BHC	9.70		ug/Kg	U	YES															
beta-BHC	9.70		ug/Kg	U	YES															
Chlordane	32.3		ug/Kg	U	YES															
Chlordane	32.3		ug/Kg	U	YES															
delta-BHC	9.70		ug/Kg	U	YES															

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

ADR 8.2

Report Date: 9/6/2011 08:23

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

5030

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879029

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081						**Dilution: 1**														
delta-BHC	9.70		ug/Kg	U	YES															
Dieldrin	9.70		ug/Kg	U	YES															
Dieldrin	9.70		ug/Kg	U	YES															
Endosulfan I	9.70		ug/Kg	U	YES															
Endosulfan I	9.70		ug/Kg	U	YES															
Endosulfan II	9.70		ug/Kg	U	YES															
Endosulfan II	9.70		ug/Kg	U	YES															
Endosulfan sulfate	9.70		ug/Kg	U	YES															
Endosulfan sulfate	9.70		ug/Kg	U	YES															
Endrin	9.70		ug/Kg	U	YES															
Endrin	9.70		ug/Kg	U	YES															
Endrin aldehyde	9.70		ug/Kg	U	YES															
Endrin aldehyde	9.70		ug/Kg	U	YES															
Endrin ketone	9.70		ug/Kg	U	YES															
Endrin ketone	9.70		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.70		ug/Kg	U	YES															
gamma-BHC (Lindane)	9.70		ug/Kg	U	YES															
gamma-Chlordane	9.70		ug/Kg	U	YES															
gamma-Chlordane	9.70		ug/Kg	U	YES															
Heptachlor	9.70		ug/Kg	U	YES															
Heptachlor	9.70		ug/Kg	U	YES															
Heptachlor epoxide	9.70		ug/Kg	U	YES															
Heptachlor epoxide	9.70		ug/Kg	U	YES															
Methoxychlor	9.70		ug/Kg	U	YES															
Methoxychlor	9.70		ug/Kg	U	YES															
Toxaphene	32.3		ug/Kg	U	YES															

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

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

SO 31

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879029

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081					**Dilution: 1**															
Toxaphene	32.3		ug/Kg	U	YES															
Analysis Method : 8151					**Dilution: 1**															
2,4,5-T	0.0166		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0166		mg/kg	U	YES															
2,4'-D	0.0166		mg/kg	U	YES															
2,4-DB	0.0166		mg/kg	U	YES															
Dicamba	0.0166		mg/kg	U	YES															
Analysis Method : 8260B					**Dilution: 1**															
1,1,1,2-Tetrachloroethane	3.82		ug/Kg	U	YES															
1,1,1-Trichloroethane	3.82		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	3.82		ug/Kg	U	YES															
1,1,2-Trichloroethane	3.82		ug/Kg	U	YES															
1,1-Dichloroethane	3.82		ug/Kg	U	YES															
1,1-Dichloroethene	3.82		ug/Kg	U	YES															
1,1-Dichloropropene	3.82		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	3.82		ug/Kg	U	YES															
1,2,3-Trichloropropane	3.82		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	3.82		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	3.82		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	22.9		ug/Kg	U	YES															
1,2-Dibromoethane	3.82		ug/Kg	U	YES															
1,2-Dichlorobenzene	3.82		ug/Kg	U	YES															
1,2 Dichloroethane	3.82		ug/Kg	U	YES															
1,2-Dichloropropane	3.82		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	3.82		ug/Kg	U	YES															
1,3-Dichlorobenzene	3.82		ug/Kg	U	YES															
1,3-Dichloropropane	3.82		ug/Kg	U	YES															

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

5032

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879029

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B					**Dilution: 1**															
1,4-Dichlorobenzene	3.82		ug/Kg	U	YES															
2,2-Dichloropropane	3.82		ug/Kg	U	YES															
2-Butanone	40.3		ug/Kg		YES	J							J							
2-Chlorotoluene	3.82		ug/Kg	U	YES															
2-Hexanone	9.55		ug/Kg	U	YES															
4-Chlorotoluene	3.82		ug/Kg	U	YES															
4-Isopropyltoluene	3.82		ug/Kg	U	YES															
4-Methyl-2-pentanone	9.55		ug/Kg	U	YES															
Acetone	168		ug/Kg		YES	J							J							
Benzene	3.82		ug/Kg	U	YES															
Bromobenzene	3.82		ug/Kg	U	YES															
Bromochloromethane	3.82		ug/Kg	U	YES															
Bromodichloromethane	3.82		ug/Kg	U	YES															
Bromoform	3.82		ug/Kg	U	YES															
Bromomethane	3.82		ug/Kg	U	YES															
Carbon disulfide	3.82		ug/Kg	U	YES															
Carbon tetrachloride	3.82		ug/Kg	U	YES															
Chlorobenzene	3.82		ug/Kg	U	YES															
Chloroethane	3.82		ug/Kg	U	YES															
Chloroform	3.82		ug/Kg	U	YES															
Chloromethane	3.82		ug/Kg	U	YES															
cis-1,2-Dichloroethene	3.82		ug/Kg	U	YES															
cis-1,3-Dichloropropene	3.82		ug/Kg	U	YES															
Dibromochloromethane	3.82		ug/Kg	U	YES															
Dibromomethane	3.82		ug/Kg	U	YES															
Dichlorodifluoromethane	3.82		ug/Kg	U	YES															

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

ADR 8.2

Report Date: 9/6/2011 08:23

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

5033

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879029

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B					**Dilution: 1**															
Ethyl Benzene	3.82		ug/Kg	U	YES															
Hexachlorobutadiene	3.82		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	3.82		ug/Kg	U	YES															
m,p-Xylene	7.64		ug/Kg	U	YES															
Methyl iodide	2.77		ug/Kg	J	YES	J							J							
Methylene chloride	1.21		ug/Kg	J	YES	UJ			U				J							
Naphthalene	3.82		ug/Kg	U	YES															
n-Butylbenzene	3.82		ug/Kg	U	YES															
n-Propylbenzene	3.82		ug/Kg	U	YES															
o-Xylene	3.82		ug/Kg	U	YES															
sec-Butylbenzene	3.82		ug/Kg	U	YES															
Styrene	3.82		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	3.82		ug/Kg	U	YES															
tert-Butylbenzene	3.82		ug/Kg	U	YES															
Tetrachloroethene	1.92		ug/Kg	J	YES	J							J							
Toluene	3.82		ug/Kg	U	YES															
trans-1,2-Dichloroethene	3.82		ug/Kg	U	YES															
trans-1,3-Dichloropropene	3.82		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	19.1		ug/Kg	U	YES															
Trichloroethene	3.82		ug/Kg	U	YES															
Trichlorofluoromethane	3.82		ug/Kg	U	YES															
Vinyl chloride	3.82		ug/Kg	U	YES															
Analysis Method : 8270D					**Dilution: 1**															
1,2,4-Trichlorobenzene	325		ug/Kg	U	YES															
1,2-Dichlorobenzene	325		ug/Kg	U	YES															
1,3-Dichlorobenzene	325		ug/Kg	U	YES															
1,4-Dichlorobenzene	325		ug/Kg	U	YES															

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

5034

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879029

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D						**Dilution: 1**														
2,4,5-Trichlorophenol	325		ug/Kg	U	YES															
2,4,6-Trichlorophenol	325		ug/Kg	U	YES															
2,4-Dichlorophenol	325		ug/Kg	U	YES															
2,4-Dimethylphenol	325		ug/Kg	U	YES															
2,4-Dinitrotoluene	325		ug/Kg	U	YES															
2,6-Dinitrotoluene	325		ug/Kg	U	YES															
2-Chloronaphthalene	325		ug/Kg	U	YES															
2-Chlorophenol	325		ug/Kg	U	YES															
2-Methylnaphthalene	325		ug/Kg	U	YES															
2-Methylphenol	325		ug/Kg	U	YES															
2-Nitroaniline	325		ug/Kg	U	YES															
2-Nitrophenol	325		ug/Kg	U	YES															
3 and/or 4-Methylphenol	325		ug/Kg	U	YES															
3-Nitroaniline	325		ug/Kg	U	YES															
4-Bromophenyl phenyl ether	325		ug/Kg	U	YES															
4-Chloro-3-methylphenol	325		ug/Kg	U	YES															
4-Chloroaniline	325		ug/Kg	U	YES															
4-Chlorophenyl phenyl ether	325		ug/Kg	U	YES															
4-Nitroaniline	325		ug/Kg	U	YES															
4-Nitrophenol	325		ug/Kg	U	YES															
Acenaphthene	325		ug/Kg	U	YES															
Acenaphthylene	325		ug/Kg	U	YES															
Anthracene	325		ug/Kg	U	YES															
Benzo(a)anthracene	325		ug/Kg	U	YES															
Benzo(a)pyrene	325		ug/Kg	U	YES															
Benzo(b)fluoranthene	325		ug/Kg	U	YES															

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

5035

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879029

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D						**Dilution: 1**														
Benzo(g,h,i)perylene	325		ug/Kg	U	YES															
Benzo(k)fluoranthene	325		ug/Kg	U	YES															
Bis(2-Chloroethoxy)methane	325		ug/Kg	U	YES															
Bis(2-Chloroethyl)ether	325		ug/Kg	U	YES															
Bis(2-Chloroisopropyl)ether	325		ug/Kg	U	YES															
Bis(2-Ethylhexyl)phthalate	325		ug/Kg	U	YES															
Butyl benzyl phthalate	325		ug/Kg	U	YES															
Chrysene	325		ug/Kg	U	YES															
Dibenz(a,h)anthracene	325		ug/Kg	U	YES															
Dibenzofuran	325		ug/Kg	U	YES															
Diethyl phthalate	325		ug/Kg	U	YES															
Dimethyl phthalate	325		ug/Kg	U	YES															
Di-n-butyl phthalate	325		ug/Kg	U	YES															
Di-n-octyl phthalate	325		ug/Kg	U	YES															
Fluoranthene	325		ug/Kg	U	YES															
Fluorene	325		ug/Kg	U	YES															
Hexachlorobenzene	325		ug/Kg	U	YES															
Hexachlorobutadiene	326		ug/Kg	U	YES															
Hexachlorocyclopentadiene	325		ug/Kg	U	YES															
Hexachloroethane	325		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	325		ug/Kg	U	YES															
Isophorone	325		ug/Kg	U	YES															
Naphthalene	325		ug/Kg	U	YES															
Nitrobenzene	325		ug/Kg	U	YES															
n-Nitrosodi-n-propylamine	325		ug/Kg	U	YES															
Pentachlorophenol	325		ug/Kg	U	YES															

Project Number and Name: 11-032E - 11-032E Carroll Agent Orange
ADR 8.2

Library Used: CampCarroll
Report Date: 9/6/2011 08:23

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

5036

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S2
Sample Date : 07/14/2011
Lab Sample ID: 31101879029

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D						**Dilution: 1**														
Phenanthrene	325		ug/Kg	U	YES															
Phenol	325		ug/Kg	U	YES															
Pyrene	325		ug/Kg	U	YES															

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

5037

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879030

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date : .....

Approved By / Date : .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 6010C					**Dilution: 1**															
Arsenic	1.06		mg/kg		YES															
Barium	107		mg/kg		YES															
Cadmium	0.580		mg/kg		YES	U			U											
Chromium	2.95		mg/kg		YES															
Lead	17.5		mg/kg		YES	J						J								
Selenium	2.04		mg/kg	U	YES															
Silver	1.02		mg/kg	U	YES															
Analysis Method : 7471B					**Dilution: 1**															
Mercury	0.0187		mg/kg	U	YES															
Analysis Method : 8081					**Dilution: 1**															
4,4'-DDD	10.2		ug/Kg	U	YES															
4,4'-DDE	10.2		ug/Kg	U	YES															
4,4'-DDT	10.2		ug/Kg	U	YES															
Aldrin	10.2		ug/Kg	U	YES															
alpha-BHC	10.2		ug/Kg	U	YES															
alpha-Chlordane	10.2		ug/Kg	U	YES															
beta-BHC	10.2		ug/Kg	U	YES															
Chlordane	33.8		ug/Kg	U	YES															
delta-BHC	10.2		ug/Kg	U	YES															
Dieldrin	10.2		ug/Kg	U	YES															
Endosulfan I	10.2		ug/Kg	U	YES															
Endosulfan II	10.2		ug/Kg	U	YES															
Endosulfan sulfate	10.2		ug/Kg	U	YES															
Endrin	10.2		ug/Kg	U	YES															
Endrin aldehyde	10.2		ug/Kg	U	YES															
Endrin ketone	10.2		ug/Kg	U	YES															
gamma-BHC (Lindane)	10.2		ug/Kg	U	YES															

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

5038

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879030

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8081					**Dilution: 1**															
gamma-Chlordane	10.2		ug/Kg	U	YES															
Heptachlor	10.2		ug/Kg	U	YES															
Heptachlor epoxide	10.2		ug/Kg	U	YES															
Methoxychlor	10.2		ug/Kg	U	YES															
Toxaphene	33.8		ug/Kg	U	YES															
Analysis Method : 8151					**Dilution: 1**															
2,4,5-T	0.0169		mg/kg	U	YES															
2,4,5-TP (Silvex)	0.0169		mg/kg	U	YES															
2,4'-D	0.0169		mg/kg	U	YES															
2,4-DB	0.0169		mg/kg	U	YES															
Dicamba	0.0169		mg/kg	U	YES															
Analysis Method : 8260B					**Dilution: 1**															
1,1,1,2-Tetrachloroethane	4.74		ug/Kg	U	YES															
1,1,1-Trichloroethane	4.74		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	4.74		ug/Kg	U	YES															
1,1,2-Trichloroethane	4.74		ug/Kg	U	YES															
1,1-Dichloroethane	4.74		ug/Kg	U	YES															
1,1-Dichloroethene	4.74		ug/Kg	U	YES															
1,1-Dichloropropene	4.74		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	4.74		ug/Kg	U	YES															
1,2,3-Trichloropropane	4.74		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	4.74		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	4.74		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	28.5		ug/Kg	U	YES															
1,2-Dibromoethane	4.74		ug/Kg	U	YES															
1,2-Dichlorobenzene	4.74		ug/Kg	U	YES															
1,2-Dichloroethane	4.74		ug/Kg	U	YES															

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

5039

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879030

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B					Dilution: 1															
1,2-Dichloropropane	4.74		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	4.74		ug/Kg	U	YES															
1,3-Dichlorobenzene	4.74		ug/Kg	U	YES															
1,3-Dichloropropane	4.74		ug/Kg	U	YES															
1,4-Dichlorobenzene	4.74		ug/Kg	U	YES															
2,2-Dichloropropane	4.74		ug/Kg	U	YES															
2-Butanone	23.7		ug/Kg	U	YES															
2-Chlorotoluene	4.74		ug/Kg	U	YES															
2-Hexanone	11.9		ug/Kg	U	YES															
4-Chlorotoluene	4.74		ug/Kg	U	YES															
4-Isopropyltoluene	4.74		ug/Kg	U	YES															
4-Methyl-2-pentanone	11.9		ug/Kg	U	YES															
Acetone	10.5		ug/Kg	J	YES	J							J							
Benzene	4.74		ug/Kg	U	YES															
Bromobenzene	4.74		ug/Kg	U	YES															
Bromochloromethane	4.74		ug/Kg	U	YES															
Bromodichloromethane	4.74		ug/Kg	U	YES															
Bromoform	4.74		ug/Kg	U	YES															
Bromomethane	4.74		ug/Kg	U	YES															
Carbon disulfide	4.74		ug/Kg	U	YES															
Carbon tetrachloride	4.74		ug/Kg	U	YES															
Chlorobenzene	4.74		ug/Kg	U	YES															
Chloroethane	4.74		ug/Kg	U	YES															
Chloroform	4.74		ug/Kg	U	YES															
Chloromethane	4.74		ug/Kg	U	YES															
cis-1,2-Dichloroethene	4.74		ug/Kg	U	YES															

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

ADR 8.2

Report Date: 9/6/2011 08:23

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

5040

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879030

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B					**Dilution: 1**															
cis-1,3-Dichloropropene	4.74		ug/Kg	U	YES															
Dibromochloromethane	4.74		ug/Kg	U	YES															
Dibromomethane	4.74		ug/Kg	U	YES															
Dichlorodifluoromethane	4.74		ug/Kg	U	YES															
Ethyl Benzene	4.74		ug/Kg	U	YES															
Hexachlorobutadiene	4.74		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	4.74		ug/Kg	U	YES															
m,p-Xylene	9.49		ug/Kg	U	YES															
Methyl iodide	4.74		ug/Kg	U	YES															
Methylene chloride	1.86		ug/Kg	J	YES	UJ			U				J							
Naphthalene	4.74		ug/Kg	U	YES															
n-Butylbenzene	4.74		ug/Kg	U	YES															
n-Propylbenzene	4.74		ug/Kg	U	YES															
o-Xylene	4.74		ug/Kg	U	YES															
sec-Butylbenzene	4.74		ug/Kg	U	YES															
Styrene	4.74		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	4.74		ug/Kg	U	YES															
tert-Butylbenzene	4.74		ug/Kg	U	YES															
Tetrachloroethene	4.74		ug/Kg	U	YES															
Toluene	4.74		ug/Kg	U	YES															
trans-1,2-Dichloroethene	4.74		ug/Kg	U	YES															
trans-1,3-Dichloropropene	4.74		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	23.7		ug/Kg	U	YES															
Trichloroethene	4.74		ug/Kg	U	YES															
Trichlorofluoromethane	4.74		ug/Kg	U	YES															
Vinyl chloride	4.74		ug/Kg	U	YES															
Analysis Method : 8270D					**Dilution: 1**															

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

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879030

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D						**Dilution: 1**														
1,2,4-Trichlorobenzene	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	YES															
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															
4-Nitrophenol	345		ug/Kg	U	YES															
Acenaphthene	345		ug/Kg	U	YES															
Acenaphthylene	345		ug/Kg	U	YES															

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

ADR 8.2

Report Date: 9/6/2011 08:23

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

5042

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879030

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8270D						**Dilution: 1**														
Anthracene	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															
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															
Hexachloroethane	345		ug/Kg	U	YES															
Indeno(1,2,3-cd)pyrene	345		ug/Kg	U	YES															
Isophorone	345		ug/Kg	U	YES															

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

5043

Sample Qualification Report (All Analytes)

Client Sample ID : E11-146-S3
Sample Date : 07/14/2011
Lab Sample ID: 31101879030

Lab Report Batch : 31101879
Analysis Type: RES

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

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

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

S0444

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (0800)
Sample Date : 07/14/2011
Lab Sample ID: 31101879001

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 50**														
1,1,1,2-Tetrachloroethane	50.0		ug/Kg	U	YES															
1,1,1-Trichloroethane	50.0		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	50.0		ug/Kg	U	YES															
1,1,2-Trichloroethane	50.0		ug/Kg	U	YES															
1,1-Dichloroethane	50.0		ug/Kg	U	YES															
1,1-Dichloroethene	50.0		ug/Kg	U	YES															
1,1-Dichloropropene	50.0		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	50.0		ug/Kg	U	YES															
1,2,3-Trichloropropane	50.0		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	50.0		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	5.50		ug/Kg	J	YES															
1,2-Dibromo-3-chloropropane	250		ug/Kg	U	YES															
1,2-Dibromoethane	50.0		ug/Kg	U	YES															
1,2-Dichlorobenzene	50.0		ug/Kg	U	YES															
1,2-Dichloroethane	50.0		ug/Kg	U	YES															
1,2-Dichloropropane	50.0		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	50.0		ug/Kg	U	YES															
1,3-Dichlorobenzene	50.0		ug/Kg	U	YES															
1,3-Dichloropropane	50.0		ug/Kg	U	YES															
1,4-Dichlorobenzene	50.0		ug/Kg	U	YES															
2,2-Dichloropropane	50.0		ug/Kg	U	YES															
2-Butanone	1630		ug/Kg		YES															
2-Chlorotoluene	50.0		ug/Kg	U	YES															
2-Hexanone	250		ug/Kg	U	YES															
4-Chlorotoluene	50.0		ug/Kg	U	YES															
4-Isopropyltoluene	50.0		ug/Kg	U	YES															

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

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

5045

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (0800)
Sample Date : 07/14/2011
Lab Sample ID: 31101879001

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 50**														
4-Methyl-2-pentanone	250		ug/Kg	U	YES															
Acetone	377		ug/Kg	J	YES															
Benzene	50.0		ug/Kg	U	YES															
Bromobenzene	50.0		ug/Kg	U	YES															
Bromochloromethane	50.0		ug/Kg	U	YES															
Bromodichloromethane	50.0		ug/Kg	U	YES															
Bromoform	50.0		ug/Kg	U	YES															
Bromomethane	50.0		ug/Kg	U	YES															
Carbon disulfide	50.0		ug/Kg	U	YES															
Carbon tetrachloride	50.0		ug/Kg	U	YES															
Chlorobenzene	50.0		ug/Kg	U	YES															
Chloroethane	50.0		ug/Kg	U	YES															
Chloroform	50.0		ug/Kg	U	YES															
Chloromethane	50.0		ug/Kg	U	YES															
cis-1,2-Dichloroethene	50.0		ug/Kg	U	YES															
cis-1,3-Dichloropropene	50.0		ug/Kg	U	YES															
Dibromochloromethane	50.0		ug/Kg	U	YES															
Dibromomethane	50.0		ug/Kg	U	YES															
Dichlorodifluoromethane	250		ug/Kg	U	YES															
Ethyl Benzene	4.50		ug/Kg	J	YES															
Hexachlorobutadiene	50.0		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	50.0		ug/Kg	U	YES															
m,p-Xylene	13.5		ug/Kg	J	YES															
Methyl iodide	50.0		ug/Kg	U	YES															
Methylene chloride	10.5		ug/Kg	J	YES	U			U											
Naphthalene	50.0		ug/Kg	U	YES															

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

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

5046

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (0800)
Sample Date : 07/14/2011
Lab Sample ID: 31101879001

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date : .....

Approved By / Date : .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 50**														
n-Butylbenzene	50.0		ug/Kg	U	YES															
n-Propylbenzene	50.0		ug/Kg	U	YES															
o-Xylene	7.00		ug/Kg	J	YES															
sec-Butylbenzene	50.0		ug/Kg	U	YES															
Styrene	50.0		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	50.0		ug/Kg	U	YES															
tert-Butylbenzene	50.0		ug/Kg	U	YES															
Tetrachloroethene	50.0		ug/Kg	U	YES															
Toluene	18.5		ug/Kg	J	YES															
trans-1,2-Dichloroethene	50.0		ug/Kg	U	YES															
trans-1,3-Dichloropropene	50.0		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	250		ug/Kg	U	YES															
Trichloroethene	50.0		ug/Kg	U	YES															
Trichlorofluoromethane	50.0		ug/Kg	U	YES															
Vinyl chloride	50.0		ug/Kg	U	YES															

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

5047

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (0810)
Sample Date : 07/15/2011
Lab Sample ID: 31101879031

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 50**														
1,1,1,2-Tetrachloroethane	50.0		ug/Kg	U	YES															
1,1,1-Trichloroethane	50.0		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	50.0		ug/Kg	U	YES															
1,1,2-Trichloroethane	50.0		ug/Kg	U	YES															
1,1-Dichloroethane	50.0		ug/Kg	U	YES															
1,1-Dichloroethene	50.0		ug/Kg	U	YES															
1,1-Dichloropropene	50.0		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	50.0		ug/Kg	U	YES															
1,2,3-Trichloropropane	50.0		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	50.0		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	50.0		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	250		ug/Kg	U	YES															
1,2-Dibromoethane	50.0		ug/Kg	U	YES															
1,2-Dichlorobenzene	50.0		ug/Kg	U	YES															
1,2-Dichloroethane	50.0		ug/Kg	U	YES															
1,2-Dichloropropane	50.0		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	50.0		ug/Kg	U	YES															
1,3 Dichlorobenzene	50.0		ug/Kg	U	YES															
1,3-Dichloropropane	50.0		ug/Kg	U	YES															
1,4-Dichlorobenzene	50.0		ug/Kg	U	YES															
2,2-Dichloropropane	50.0		ug/Kg	U	YES															
2-Butanone	1790		ug/Kg		YES															
2-Chlorotoluene	50.0		ug/Kg	U	YES															
2-Hexanone	250		ug/Kg	U	YES															
4-Chlorotoluene	50.0		ug/Kg	U	YES															
4-Isopropyltoluene	50.0		ug/Kg	U	YES															

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

ADR 8.2

Report Date: 9/6/2011 08:23

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

5048

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (0810)
Sample Date : 07/15/2011
Lab Sample ID: 31101879031

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B					**Dilution: 50**															
4-Methyl-2-pentanone	250		ug/Kg	U	YES															
Acetone	433		ug/Kg	J	YES															
Benzene	50.0		ug/Kg	U	YES															
Bromobenzene	50.0		ug/Kg	U	YES															
Bromochloromethane	50.0		ug/Kg	U	YES															
Bromodichloromethane	50.0		ug/Kg	U	YES															
Bromoform	50.0		ug/Kg	U	YES															
Bromomethane	50.0		ug/Kg	U	YES															
Carbon disulfide	50.0		ug/Kg	U	YES															
Carbon tetrachloride	50.0		ug/Kg	U	YES															
Chlorobenzene	50.0		ug/Kg	U	YES															
Chloroethane	50.0		ug/Kg	U	YES															
Chloroform	50.0		ug/Kg	U	YES															
Chloromethane	50.0		ug/Kg	U	YES															
cis-1,2-Dichloroethene	50.0		ug/Kg	U	YES															
cis-1,3-Dichloropropene	50.0		ug/Kg	U	YES															
Dibromochloromethane	50.0		ug/Kg	U	YES															
Dibromomethane	50.0		ug/Kg	U	YES															
Dichlorodifluoromethane	250		ug/Kg	U	YES															
Ethyl Benzene	50.0		ug/Kg	U	YES															
Hexachlorobutadiene	50.0		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	50.0		ug/Kg	U	YES															
m,p-Xylene	14.5		ug/Kg	J	YES															
Methyl Iodide	50.0		ug/Kg	U	YES															
Methylene chloride	8.50		ug/Kg	J	YES	U			U											
Naphthalene	50.0		ug/Kg	U	YES															

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

ADR 8.2

Report Date: 9/6/2011 08:23

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

5049

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (0810)
Sample Date : 07/15/2011
Lab Sample ID: 31101879031

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date : .....

Approved By / Date : .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 50**														
n-Butylbenzene	50.0		ug/Kg	U	YES															
n-Propylbenzene	50.0		ug/Kg	U	YES															
o-Xylene	6.50		ug/Kg	J	YES															
sec-Butylbenzene	50.0		ug/Kg	U	YES															
Styrene	50.0		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	50.0		ug/Kg	U	YES															
tert-Butylbenzene	50.0		ug/Kg	U	YES															
Tetrachloroethene	11.5		ug/Kg	J	YES															
Toluene	18.5		ug/Kg	J	YES															
trans-1,2-Dichloroethene	50.0		ug/Kg	U	YES															
trans-1,3-Dichloropropene	50.0		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	250		ug/Kg	U	YES															
Trichloroethene	50.0		ug/Kg	U	YES															
Trichlorofluoromethane	50.0		ug/Kg	U	YES															
Vinyl chloride	50.0		ug/Kg	U	YES															

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

50 50

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (0813)
Sample Date : 07/14/2011
Lab Sample ID: 31101879017

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 50**														
1,1,1,2-Tetrachloroethane	50.0		ug/Kg	U	YES															
1,1,1-Trichloroethane	50.0		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	50.0		ug/Kg	U	YES															
1,1,2-Trichloroethane	50.0		ug/Kg	U	YES															
1,1-Dichloroethane	50.0		ug/Kg	U	YES															
1,1-Dichloroethene	50.0		ug/Kg	U	YES															
1,1-Dichloropropene	50.0		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	50.0		ug/Kg	U	YES															
1,2,3-Trichloropropane	50.0		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	50.0		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	50.0		ug/Kg	U	YES															
1,2-Dibromo-3-chloropropane	250		ug/Kg	U	YES															
1,2-Dibromoethane	50.0		ug/Kg	U	YES															
1,2-Dichlorobenzene	50.0		ug/Kg	U	YES															
1,2-Dichloroethane	50.0		ug/Kg	U	YES															
1,2-Dichloropropane	50.0		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	50.0		ug/Kg	U	YES															
1,3-Dichlorobenzene	50.0		ug/Kg	U	YES															
1,3-Dichloropropane	50.0		ug/Kg	U	YES															
1,4-Dichlorobenzene	50.0		ug/Kg	U	YES															
2,2-Dichloropropane	50.0		ug/Kg	U	YES															
2-Butanone	1590		ug/Kg		YES															
2-Chlorotoluene	50.0		ug/Kg	U	YES															
2-Hexanone	250		ug/Kg	U	YES															
4-Chlorotoluene	50.0		ug/Kg	U	YES															
4-Isopropyltoluene	50.0		ug/Kg	U	YES															

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

50 51

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (0813)
Sample Date : 07/14/2011
Lab Sample ID: 31101879017

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B					**Dilution: 50**															
4-Methyl-2-pentanone	250		ug/Kg	U	YES															
Acetone	352		ug/Kg	J	YES															
Benzene	50.0		ug/Kg	U	YES															
Bromobenzene	50.0		ug/Kg	U	YES															
Bromochloromethane	50.0		ug/Kg	U	YES															
Bromodichloromethane	50.0		ug/Kg	U	YES															
Bromoform	50.0		ug/Kg	U	YES															
Bromomethane	50.0		ug/Kg	U	YES															
Carbon disulfide	50.0		ug/Kg	U	YES															
Carbon tetrachloride	50.0		ug/Kg	U	YES															
Chlorobenzene	50.0		ug/Kg	U	YES															
Chloroethane	50.0		ug/Kg	U	YES															
Chloroform	50.0		ug/Kg	U	YES															
Chloromethane	50.0		ug/Kg	U	YES															
cis-1,2-Dichloroethene	50.0		ug/Kg	U	YES															
cis-1,3-Dichloropropene	50.0		ug/Kg	U	YES															
Dibromochloromethane	50.0		ug/Kg	U	YES															
Dibromomethane	50.0		ug/Kg	U	YES															
Dichlorodifluoromethane	250		ug/Kg	U	YES															
Ethyl Benzene	5.00		ug/Kg	J	YES															
Hexachlorobutadiene	50.0		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	50.0		ug/Kg	U	YES															
m,p-Xylene	16.0		ug/Kg	J	YES															
Methyl iodide	50.0		ug/Kg	U	YES															
Methylene chloride	8.00		ug/Kg	J	YES	U			U											
Naphthalene	50.0		ug/Kg	U	YES															

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

ADR 8.2

Report Date: 9/6/2011 08:23

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

5052

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (0813)
Sample Date : 07/14/2011
Lab Sample ID: 31101879017

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 50**														
n-Butylbenzene	50.0		ug/Kg	U	YES															
n-Propylbenzene	50.0		ug/Kg	U	YES															
o-Xylene	7.00		ug/Kg	J	YES															
sec-Butylbenzene	50.0		ug/Kg	U	YES															
Styrene	50.0		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	50.0		ug/Kg	U	YES															
tert-Butylbenzene	50.0		ug/Kg	U	YES															
Tetrachloroethene	50.0		ug/Kg	U	YES															
Toluene	18.0		ug/Kg	J	YES															
trans-1,2-Dichloroethene	50.0		ug/Kg	U	YES															
trans-1,3-Dichloropropene	50.0		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	250		ug/Kg	U	YES															
Trichloroethene	50.0		ug/Kg	U	YES															
Trichlorofluoromethane	50.0		ug/Kg	U	YES															
Vinyl chloride	50.0		ug/Kg	U	YES															

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

5053

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (7/15/11 0800
Sample Date : 07/15/2011
Lab Sample ID: 31101879045

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 50**														
1,1,1,2-Tetrachloroethane	50.0		ug/Kg	U	YES															
1,1,1-Trichloroethane	50.0		ug/Kg	U	YES															
1,1,2,2-Tetrachloroethane	50.0		ug/Kg	U	YES															
1,1,2-Trichloroethane	50.0		ug/Kg	U	YES															
1,1-Dichloroethane	50.0		ug/Kg	U	YES															
1,1-Dichloroethene	50.0		ug/Kg	U	YES															
1,1-Dichloropropene	50.0		ug/Kg	U	YES															
1,2,3-Trichlorobenzene	50.0		ug/Kg	U	YES															
1,2,3-Trichloropropane	50.0		ug/Kg	U	YES															
1,2,4-Trichlorobenzene	50.0		ug/Kg	U	YES															
1,2,4-Trimethylbenzene	5.50		ug/Kg	J	YES															
1,2-Dibromo-3-chloropropane	250		ug/Kg	U	YES															
1,2-Dibromoethane	50.0		ug/Kg	U	YES															
1,2-Dichlorobenzene	50.0		ug/Kg	U	YES															
1,2-Dichloroethane	50.0		ug/Kg	U	YES															
1,2-Dichloropropane	50.0		ug/Kg	U	YES															
1,3,5-Trimethylbenzene	50.0		ug/Kg	U	YES															
1,3-Dichlorobenzene	50.0		ug/Kg	U	YES															
1,3-Dichloropropane	50.0		ug/Kg	U	YES															
1,4-Dichlorobenzene	50.0		ug/Kg	U	YES															
2,2-Dichloropropane	50.0		ug/Kg	U	YES															
2-Butanone	1620		ug/Kg		YES															
2-Chlorotoluene	50.0		ug/Kg	U	YES															
2-Hexanone	250		ug/Kg	U	YES															
4-Chlorotoluene	50.0		ug/Kg	U	YES															
4-Isopropyltoluene	50.0		ug/Kg	U	YES															

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

ADR 8.2

Report Date: 9/6/2011 08:23

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

5054

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (7/15/11 0800
Sample Date : 07/15/2011
Lab Sample ID: 31101879045

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 50**														
4-Methyl-2-pentanone	250		ug/Kg	U	YES															
Acetone	347		ug/Kg	J	YES															
Benzene	50.0		ug/Kg	U	YES															
Bromobenzene	50.0		ug/Kg	U	YES															
Bromochloromethane	50.0		ug/Kg	U	YES															
Bromodichloromethane	50.0		ug/Kg	U	YES															
Bromoform	50.0		ug/Kg	U	YES															
Bromomethane	50.0		ug/Kg	U	YES															
Carbon disulfide	50.0		ug/Kg	U	YES															
Carbon tetrachloride	50.0		ug/Kg	U	YES															
Chlorobenzene	50.0		ug/Kg	U	YES															
Chloroethane	50.0		ug/Kg	U	YES															
Chloroform	50.0		ug/Kg	U	YES															
Chloromethane	50.0		ug/Kg	U	YES															
cis-1,2-Dichloroethene	50.0		ug/Kg	U	YES															
cis-1,3-Dichloropropene	50.0		ug/Kg	U	YES															
Dibromochloromethane	50.0		ug/Kg	U	YES															
Dibromomethane	50.0		ug/Kg	U	YES															
Dichlorodifluoromethane	250		ug/Kg	U	YES															
Ethyl Benzene	5.50		ug/Kg	J	YES															
Hexachlorobutadiene	50.0		ug/Kg	U	YES															
Isopropylbenzene (Cumene)	50.0		ug/Kg	U	YES															
m,p-Xylene	16.0		ug/Kg	J	YES															
Methyl Iodide	50.0		ug/Kg	U	YES															
Methylene chloride	250		ug/Kg	U	YES															
Naphthalene	50.0		ug/Kg	U	YES															

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

ADR 8.2
Report Date: 9/6/2011 08:23

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

5055

Sample Qualification Report (All Analytes)

Client Sample ID : Trip Blank (7/15/11 0800
Sample Date : 07/15/2011
Lab Sample ID: 31101879045

Lab Report Batch : 31101879
Analysis Type: DL

Lab ID : SGSW
Sample Matrix : SO

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV
Analysis Method : 8260B						**Dilution: 50**														
n-Butylbenzene	50.0		ug/Kg	U	YES															
n-Propylbenzene	50.0		ug/Kg	U	YES															
o-Xylene	7.50		ug/Kg	J	YES															
sec-Butylbenzene	50.0		ug/Kg	U	YES															
Styrene	50.0		ug/Kg	U	YES															
tert-Butyl methyl ether (MTBE)	50.0		ug/Kg	U	YES															
tert-Butylbenzene	50.0		ug/Kg	U	YES															
Tetrachloroethene	50.0		ug/Kg	U	YES															
Toluene	20.0		ug/Kg	J	YES															
trans-1,2-Dichloroethene	50.0		ug/Kg	U	YES															
trans-1,3-Dichloropropene	50.0		ug/Kg	U	YES															
trans-1,4-Dichloro-2-butene	250		ug/Kg	U	YES															
Trichloroethene	50.0		ug/Kg	U	YES															
Trichlorofluoromethane	50.0		ug/Kg	U	YES															
Vinyl chloride	50.0		ug/Kg	U	YES															

* Overall 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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APPENDIX 2

Automated Data Review Qualification Scheme

and

Definition of Flags

5057

Qualification Summary for GC/MS Methods

QUALITY CONTROL ITEM	EVALUATION	DATA QUALIFIER FLAG			SAMPLE(S) QUALIFIED
		Detects			
		Non Biased	Biased	Nondetects	
HOLDING TIMES (Extraction and Analysis)	1) Holding time exceeded by 2 times or less	J	J-	UJ	Sample
	2) Holding time exceeded by greater than 2 times	J	J-	R	
COOLER TEMPERATURE	1) > 6 and ≤10 degrees Centigrade	J	J-	UJ	All samples shipped in the affected cooler (Shipping Batch)
	2) >10 degrees Centigrade	J	J-	R	
	3) < 2 degrees Centigrade	None	None	None	
INSTRUMENT TUNING	1) Ion abundance criteria not met	JN	JN	R	All samples associated to an initial calibration (Run Batch), if tune is associated to an initial calibration. All samples associated to a continuing calibration (Analysis Batch), if tune is associated to a continuing calibration.
INITIAL CALIBRATION	1) Average RRF < 0.05	J	J	R	All samples associated to the initial calibration (Run Batch)
	2) %RSD > 30%	J	J	UJ	
	3) r < 0.995	J	J	UJ	
INITIAL CALIBRATION VERIFICATION (ICV)	1) Average RRF < 0.05	J	J	R	All samples associated to the ICV (Run Batch)
	2) % Difference > +25%	J	J+	None	
	3) % Difference < -25% and ≥ -50%	J	J-	UJ	
	4) % Difference < -50%	J	J-	R	
CONTINUING CALIBRATION VERIFICATION (CCV)	1) Average RRF < 0.05	J	J	R	All samples associated to the CCV (Analysis Batch)
	2) % Difference > +25%	J	J+	None	
	3) % Difference < -25% and ≥ -50%	J	J-	UJ	
	4) % Difference < -50%	J	J-	R	

Qualification Summary for GC/MS Methods

QUALITY CONTROL ITEM	EVALUATION	DATA QUALIFIER FLAG			SAMPLE(S) QUALIFIED
		Detects			
		Non Biased	Biased	Nondetects	
METHOD BLANK CONTAMINATION	1) Common lab contaminant and tentatively identified compound (TIC) results less than or equal to 10 times blank contamination	U	U	None	All samples in the same Preparation Batch as the method blank
	2) Other compound results less than or equal to 5 times blank contamination	U	U	None	
SURROGATE RECOVERY	1) % Recovery < CL but ≥ 10%	J	J-	UJ	Sample
	2) % Recovery <10%	J	J-	R	
	3) % Recovery > CL	J	J+	None	
	Note: For semivolatile analysis, two or more surrogates in a fraction must be out of criteria for qualification unless recovery < 10%.				
MATRIX SPIKE RECOVERY	1) % Recovery < CL but ≥ 10%	J	J-	UJ	Parent Sample
	2) % Recovery <10%	J	J-	R	
	3) % Recovery > CL	J	J+	None	
	4) RPD > CL	J	J	UJ	
LABORATORY CONTROL SAMPLE RECOVERY	1) % Recovery < CL but ≥ 10%	J	J-	UJ	All samples in the same Preparation Batch as the LCS
	2) % Recovery <10%	J	J-	R	
	3) % Recovery > CL	J	J+	None	
	4) RPD > CL	J	J	UJ	
REPORTING LIMITS	1) Result greater than the project-reporting limit and lab qualifier = U	N/A	N/A	None	Sample (noted on outlier report)
	2) Result less than the project-reporting limit where lab qualifier is not U.	J	J	N/A.	
FIELD DUPLICATES	1) RPD > CL	None.	None	None	Noted in outlier report

Qualification Summary for GC/MS Methods

QUALITY CONTROL ITEM	EVALUATION	DATA QUALIFIER FLAG			SAMPLE(S) QUALIFIED
		Detects			
		Non Biased	Biased	Nondetects	
FIELD BLANKS EQUIPMENT BLANKS	1) Common lab contaminants and tentatively identified compound (TIC) results less than or equal to 10 times blank contamination	U	U	None	All samples in the same sampling event
	2) Other lab contaminant results less than or equal to 5 times blank contamination	U	U	None	
TRIP BLANKS	1) Common lab contaminants and tentatively identified compound (TIC) results less than or equal to 10 times blank contamination	U	U	None	All samples in the same Shipping Batch as the trip blank
	2) Other lab contaminant results less than or equal to 5 times blank contamination	U	U	None	

Qualification Summary for GC Methods

QUALITY CONTROL ITEM	EVALUATION	DATA QUALIFIER FLAG			SAMPLE(S) QUALIFIED
		Detects			
		Non Biased	Biased	Nondetects	
HOLDING TIMES (Extraction and Analysis)	1) Holding time exceeded by 2 times or less	J	J-	UJ	Sample
	2) Holding time exceeded by greater than 2 times	J	J-	R	
COOLER TEMPERATURE	1) > 6 and ≤10 degrees Centigrade	J	J-	UJ	All samples shipped in the affected cooler. (Shipping Batch)
	2) >10 degrees Centigrade	J	J-	R	
	3) < 2 degrees Centigrade	None	None	None	
INITIAL CALIBRATION	1) %RSD > 20%	J	J	UJ	All samples associated with initial calibration (Run Batch)
	2) r < 0.995	J	J	UJ	
INITIAL CALIBRATION VERIFICATION (ICV)	1) % Difference > +25%	J	J+	None	All samples associated with initial calibration verification (Run Batch)
	2) % Difference < -25% and ≥ -50%	J	J-	UJ	
	3) % Difference < -50%	J	J-	R	
CONTINUING CALIBRATION (CV)	1) % Difference > +15%	J	J+	None	All samples associated with continuing calibration (Analysis Batch)
	2) % Difference < -15% and ≥ -50%	J	J-	UJ	
	3) % Difference < -50%	J	J-	R	
METHOD BLANK CONTAMINATION	1) Common lab contaminant results less than or equal to 10 times the blank contamination	U	U	None	All samples in the same Preparation Batch
	2) Other compound results less than or equal to 5 times the blank contamination	U	U	None	
SURROGATE RECOVERY	1) % Recovery < CL but ≥ 10%	J	J-	UJ	Sample
	2) % Recovery <10%	J	J-	R	
	3) % Recovery > CL	J	J+	None	