

APPENDIX C: LABORATORY FORM 1S

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T1-M-DC-EM-comp-1
SAMPLE

Lab Sample ID: IM87I
 LIMS ID: 05-15447
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05

QC Report No: IM87-Windward Environmental, LLC
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/30/04
 Date Received: 09/07/05

Date Extracted: 09/12/05
 Date Analyzed: 09/21/05 14:15
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 7.53 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	130	< 130 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	120%
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Sample ID: LDW-T1-M-DC-EM-comp-2
SAMPLE

Lab Sample ID: IH52N
LIMS ID: 05-12138
Matrix: Tissue
Data Release Authorized:
Reported: 09/23/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05

Date Extracted: 08/31/05
Date Analyzed: 09/20/05 20:59
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 7.50 g-as-rec
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
<u>Semivolatile Surrogate Recovery</u>			
	d14-p-Terphenyl	41.6%	

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Sample ID: LDW-T1-M-DC-EM-comp-3
 SAMPLE

Lab Sample ID: IH520
 LIMS ID: 05-12139
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/30/04
 Date Received: 07/19/05

Date Extracted: 08/31/05
 Date Analyzed: 09/20/05 21:32
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 7.52 g-as-rec
 Final Extract Volume: 0.5 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	47.2%
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Sample ID: LDW-T3-M-DC-EM-comp-1
SAMPLE

Lab Sample ID: IH52A
 LIMS ID: 05-12125
 Matrix: Tissue
 Data Release Authorized 
 Reported: 09/23/05

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/30/04
 Date Received: 07/19/05

Date Extracted: 08/30/05
 Date Analyzed: 09/05/05 14:14
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Semivolatile Surrogate Recovery			
	d14-p-Terphenyl	29.5%	

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Sample ID: LDW-T3-M-DC-EM-comp-2
SAMPLE

Lab Sample ID: IH52B
LIMS ID: 05-12126
Matrix: Tissue
Data Release Authorized:
Reported: 09/23/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 09/03/04
Date Received: 07/19/05

Date Extracted: 08/31/05
Date Analyzed: 09/20/05 17:40
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 7.50 g-as-rec
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	34.3%
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Sample ID: LDW-T3-M-DC-EM-comp-3
SAMPLE

Lab Sample ID: IH52C

QC Report No: IH52-Windward Environmental

LIMS ID: 05-12127

Project: Lower Duwamish Waterway Group (LDWG)

Matrix: Tissue

04-08-06-22

Data Release Authorized:

Date Sampled: 09/01/04

Reported: 09/23/05

Date Received: 07/19/05

Date Extracted: 08/31/05

Sample Amount: 7.52 g-as-rec

Date Analyzed: 09/20/05 18:13

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: No

Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	39.6%
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Sample ID: LDW-T4-M-DC-EM-comp-1
SAMPLE

Lab Sample ID: IH50B

LIMS ID: 05-12102

Matrix: Tissue

Data Release Authorized: 

Reported: 08/16/05

QC Report No: IH50-Windward Environmental

Project: Lower Duwamish Waterway Group(LDWG)

04-08-06-22

Date Sampled: 08/31/04

Date Received: 07/19/05

Date Extracted: 07/28/05

Date Analyzed: 08/02/05 15:33

Instrument/Analyst: NT6/LJR

GPC Cleanup: No

Sample Amount: 15.0 g-as-rec

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U
Reported in µg/kg (ppb)			
<u>Semivolatile Surrogate Recovery</u>			
	d14-p-Terphenyl	48.8%	

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Sample ID: LDW-T1-M-DC-HP-comp-1

SAMPLE

Lab Sample ID: IH52P

LIMS ID: 05-12140

Matrix: Tissue

Data Release Authorized:

Reported: 09/23/05 *AS*

QC Report No: IH52-Windward Environmental

Project: Lower Duwamish Waterway Group (LDWG)

04-08-06-22

Date Sampled: 08/30/04

Date Received: 07/19/05

Date Extracted: 08/31/05

Date Analyzed: 09/20/05 23:11

Instrument/Analyst: NT6/LJR

GPC Cleanup: No

Sample Amount: 7.54 g-as-rec

Final Extract Volume: 0.5 mL

Dilution Factor: 1.00

Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Semivolatile Surrogate Recovery			
	d14-p-Terphenyl	39.4%	

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Sample ID: LDW-T3-M-DC-HP-comp-1
 SAMPLE

Lab Sample ID: IH52D
 LIMS ID: 05-12128
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/30/04
 Date Received: 07/19/05

Date Extracted: 08/31/05
 Date Analyzed: 09/20/05 18:46
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 7.54 g-as-rec
 Final Extract Volume: 0.5 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	26.9%
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Sample ID: LDW-T4-M-DC-HP-comp-1
 SAMPLE

Lab Sample ID: IM87J
 LIMS ID: 05-15448
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05

QC Report No: IM87-Windward Environmental, LLC
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/31/04
 Date Received: 09/07/05

Date Extracted: 09/12/05
 Date Analyzed: 09/21/05 14:48
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 7.50 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	130	< 130 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	136%
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Sample ID: LDW-T1-M-ES-FL-comp-2
SAMPLE

Lab Sample ID: IH51F
LIMS ID: 05-12116
Matrix: Tissue
Data Release Authorized: *MW*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 17:18
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	57.6%
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Sample ID: LDW-T1-M-ES-FL-comp-2
DILUTION

Lab Sample ID: IH51F
LIMS ID: 05-12116
Matrix: Tissue
Data Release Authorized: *WV*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/24/05 12:45
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	33.6%
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Sample ID: LDW-T2-M-ES-FL-comp-1
SAMPLE

Lab Sample ID: IH51G
LIMS ID: 05-12117
Matrix: Tissue
Data Release Authorized: 
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 17:51
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	55.2%
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Sample ID: LDW-T2-M-ES-FL-comp-1
 DILUTION

Lab Sample ID: IH51G
 LIMS ID: 05-12117
 Matrix: Tissue
 Data Release Authorized: *WWW*
 Reported: 08/30/05

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/03/04
 Date Received: 07/19/05

Date Extracted: 07/29/05
 Date Analyzed: 08/24/05 13:18
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 5.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	38.6%
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Sample ID: LDW-T2-M-ES-FL-comp-2
 SAMPLE

Lab Sample ID: IH51H
 LIMS ID: 05-12118
 Matrix: Tissue
 Data Release Authorized: *MW*
 Reported: 08/30/05

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/03/04
 Date Received: 07/19/05

Date Extracted: 07/29/05
 Date Analyzed: 08/23/05 18:25
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	54.4%
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Sample ID: LDW-T2-M-ES-FL-comp-2
 DILUTION

Lab Sample ID: IH51H
 LIMS ID: 05-12118
 Matrix: Tissue
 Data Release Authorized: *mmw*
 Reported: 08/30/05

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/03/04
 Date Received: 07/19/05

Date Extracted: 07/29/05
 Date Analyzed: 08/24/05 13:52
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 5.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	50.8%
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Sample ID: LDW-T3-M-ES-FL-comp-1
SAMPLE

Lab Sample ID: IH50G
LIMS ID: 05-12107
Matrix: Tissue
Data Release Authorized:
Reported: 08/16/05 *[Signature]*

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 18:19
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U
	Reported in µg/kg (ppb)		
	Semivolatile Surrogate Recovery		
	d14-p-Terphenyl	106%	

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Sample ID: LDW-T4-M-ES-FL-comp-1
SAMPLE

Lab Sample ID: IM87A
 LIMS ID: 05-15439
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05 *AB*

QC Report No: IM87-Windward Environmental, LLC
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/30/04
 Date Received: 09/07/05

Date Extracted: 09/12/05
 Date Analyzed: 09/21/05 12:35
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 7.55 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	130	< 130 U.

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	102%
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Sample ID: LDW-T2-M-ES-WB-comp-4
SAMPLE

Lab Sample ID: IH50I
LIMS ID: 05-12109
Matrix: Tissue
Data Release Authorized:
Reported: 08/16/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 19:25
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U


Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	122%
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Sample ID: LDW-T2-M-ES-WB-comp-4
DILUTION

Lab Sample ID: IH501
LIMS ID: 05-12109
Matrix: Tissue
Data Release Authorized:
Reported: 08/16/05 

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/04/05 23:45
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U
Reported in µg/kg (ppb)			
<u>Semivolatile Surrogate Recovery</u>			
	d14-p-Terphenyl	92.0%	

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Sample ID: LDW-T2-M-ES-WB-comp-5
SAMPLE

Lab Sample ID: IH51I
LIMS ID: 05-12119
Matrix: Tissue
Data Release Authorized: *Yww*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 18:58
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
<u>Semivolatile Surrogate Recovery</u>			
	d14-p-Terphenyl	59.6%	

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Sample ID: LDW-T2-M-ES-WB-comp-5
DILUTION

Lab Sample ID: IH51I
LIMS ID: 05-12119
Matrix: Tissue
Data Release Authorized: YMW
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/24/05 14:26
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	76.6%
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Sample ID: LDW-T2-M-ES-WB-comp-6
SAMPLE

Lab Sample ID: IH51J
LIMS ID: 05-12120
Matrix: Tissue
Data Release Authorized: *Ww*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 19:31
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	43.2%
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Sample ID: LDW-T2-M-ES-WB-comp-6
DILUTION

Lab Sample ID: IH51J
LIMS ID: 05-12120
Matrix: Tissue
Data Release Authorized: *MMW*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/24/05 14:59
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	71.8%
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Sample ID: LDW-T3-M-ES-WB-comp-1
SAMPLE

Lab Sample ID: IH51K
LIMS ID: 05-12121
Matrix: Tissue
Data Release Authorized: ~~WWW~~
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 20:04
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Semivolatile Surrogate Recovery			
	d14-p-Terphenyl	35.1%	

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 PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T3-M-ES-WB-comp-1
 DILUTION

Lab Sample ID: IH51K
 LIMS ID: 05-12121
 Matrix: Tissue
 Data Release Authorized: *YVW*
 Reported: 08/30/05

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/03/04
 Date Received: 07/19/05

Date Extracted: 07/29/05
 Date Analyzed: 08/24/05 15:33
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 5.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	70.8%
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Sample ID: LDW-T3-M-ES-WB-comp-2
SAMPLE

Lab Sample ID: IH51L
LIMS ID: 05-12122
Matrix: Tissue
Data Release Authorized: YWV
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 20:36
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	42.8%
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PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T3-M-ES-WB-comp-2
DILUTION

Lab Sample ID: IH51L
LIMS ID: 05-12122
Matrix: Tissue
Data Release Authorized: *TW*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/24/05 16:06
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	90.4%
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PSDDA Semivolatiles by SW8270D GC/MS

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Sample ID: LDW-T3-M-ES-WB-comp-3

SAMPLE

Lab Sample ID: IH50J

LIMS ID: 05-12110

Matrix: Tissue

Data Release Authorized: 

Reported: 08/16/05

QC Report No: IH50-Windward Environmental

Project: Lower Duwamish Waterway Group (LDWG)

04-08-06-22

Date Sampled: 08/03/04

Date Received: 07/19/05

Date Extracted: 07/28/05

Date Analyzed: 08/02/05 19:58

Instrument/Analyst: NT6/LJR

GPC Cleanup: No

Sample Amount: 15.0 g-as-rec

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00


Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U
Reported in µg/kg (ppb)			
Semivolatile Surrogate Recovery			
	d14-p-Terphenyl	124%	

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PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T3-M-ES-WB-comp-3
DILUTION

Lab Sample ID: IH50J
LIMS ID: 05-12110
Matrix: Tissue
Data Release Authorized:
Reported: 08/16/05 

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/05/05 00:17
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	138%
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PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T3-M-ES-WB-comp-4
SAMPLE

Lab Sample ID: IH51A
LIMS ID: 05-12111
Matrix: Tissue
Data Release Authorized: *mw*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 14:32
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 12.1 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	83	< 83 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Semivolatile Surrogate Recovery			
	d14-p-Terphenyl	23.1%	

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Sample ID: LDW-T3-M-ES-WB-comp-5
SAMPLE

Lab Sample ID: IH51B
LIMS ID: 05-12112
Matrix: Tissue
Data Release Authorized: *TWW*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/05/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 15:05
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	44.4%
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Sample ID: LDW-T3-M-ES-WB-comp-6
SAMPLE

Lab Sample ID: IH51C
LIMS ID: 05-12113
Matrix: Tissue
Data Release Authorized: *MW*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/05/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 15:39
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	44.0%
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PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T3-M-ES-WB-comp-6
DILUTION

Lab Sample ID: IH51C
LIMS ID: 05-12113
Matrix: Tissue
Data Release Authorized: *mm*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/05/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/24/05 11:05
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	22.8%
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 PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T4-M-ES-WB-comp-1
 SAMPLE

Lab Sample ID: IH52J
 LIMS ID: 05-12134
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/30/04
 Date Received: 07/19/05

Date Extracted: 08/31/05
 Date Analyzed: 09/20/05 19:53
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 7.52 g-as-rec
 Final Extract Volume: 0.5 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	29.1%
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PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T4-M-ES-WB-comp-3
SAMPLE

Lab Sample ID: IH52K
 LIMS ID: 05-12135
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05 *[Signature]*

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/30/04
 Date Received: 07/19/05

Date Extracted: 08/31/05
 Date Analyzed: 09/20/05 20:26
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 7.50 g-as-rec
 Final Extract Volume: 0.5 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	42.0%
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 PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-M-M-PP-FL-comp-1
 SAMPLE

Lab Sample ID: IH50C
 LIMS ID: 05-12103
 Matrix: Tissue
 Data Release Authorized:
 Reported: 08/16/05 

QC Report No: IH50-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/03/04
 Date Received: 07/19/05

Date Extracted: 07/28/05
 Date Analyzed: 08/02/05 16:06
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	42.8%
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 PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T2-M-SC-EM-comp-1
 SAMPLE

Lab Sample ID: IH52R
 LIMS ID: 05-12142
 Matrix: Tissue
 Data Release Authorized: *[Signature]*
 Reported: 09/23/05

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/31/04
 Date Received: 07/19/05

Date Extracted: 08/31/05
 Date Analyzed: 09/20/05 23:45
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 7.50 g-as-rec
 Final Extract Volume: 0.5 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	42.0%
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PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T2-M-SC-EM-comp-2
SAMPLE

Lab Sample ID: IM87D
 LIMS ID: 05-15442
 Matrix: Tissue
 Data Release Authorized: 
 Reported: 09/23/05

QC Report No: IM87-Windward Environmental, LLC
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/31/04
 Date Received: 09/07/05

Date Extracted: 09/12/05
 Date Analyzed: 09/21/05 13:08
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 7.51 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	130	< 130 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	97.2%
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Sample ID: LDW-T2-M-SC-EM-comp-3
 SAMPLE

Lab Sample ID: IH52T
 LIMS ID: 05-12144
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/31/04
 Date Received: 07/19/05

Date Extracted: 08/31/05
 Date Analyzed: 09/21/05 00:17
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 5.54 g-as-rec
 Final Extract Volume: 0.5 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	90	< 90 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	45.2%
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PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T2-M-SC-EM-comp-4
 SAMPLE

Lab Sample ID: IH52U
 LIMS ID: 05-12145
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/31/04
 Date Received: 07/19/05

Date Extracted: 08/30/05
 Date Analyzed: 09/06/05 15:13
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	28.4%
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 PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T2-M-SC-EM-comp-5
 SAMPLE

Lab Sample ID: IH52V
 LIMS ID: 05-12146
 Matrix: Tissue
 Data Release Authorized: *[Signature]*
 Reported: 09/23/05

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/31/04
 Date Received: 07/19/05

Date Extracted: 08/30/05
 Date Analyzed: 09/06/05 15:46
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	31.0%
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PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T2-M-SC-EM-comp-6
SAMPLE

Lab Sample ID: IH52W
LIMS ID: 05-12147
Matrix: Tissue
Data Release Authorized: *pb*
Reported: 09/23/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/06/05 16:19
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Semivolatile Surrogate Recovery			
	d14-p-Terphenyl	29.9%	

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PSDDA Semivolatiles by SW8270D GC/MS

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Sample ID: LDW-T3-M-SC-EM-comp-1

SAMPLE

Lab Sample ID: IH50A

LIMS ID: 05-12101

Matrix: Tissue

Data Release Authorized: 

Reported: 08/16/05

QC Report No: IH50-Windward Environmental

Project: Lower Duwamish Waterway Group(LDWG)

04-08-06-22

Date Sampled: 09/03/04

Date Received: 07/19/05

Date Extracted: 07/28/05

Date Analyzed: 08/02/05 15:00

Instrument/Analyst: NT6/LJR

GPC Cleanup: No

Sample Amount: 13.8 g-as-rec

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	72	< 72 U
Reported in µg/kg (ppb)			
Semivolatile Surrogate Recovery			
	d14-p-Terphenyl	51.2%	

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PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T3-M-SC-EM-comp-2
SAMPLE

Lab Sample ID: IM87G
LIMS ID: 05-15445
Matrix: Tissue
Data Release Authorized:
Reported: 09/23/05

QC Report No: IM87-Windward Environmental, LLC
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 09/03/04
Date Received: 09/07/05

Date Extracted: 09/12/05
Date Analyzed: 09/21/05 17:01
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Semivolatile Surrogate Recovery			
	.d14-p-Terphenyl	48.0%	

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 PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T3-M-SC-EM-comp-3
 SAMPLE

Lab Sample ID: IH52F
 LIMS ID: 05-12130
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 09/03/04
 Date Received: 07/19/05

Date Extracted: 08/31/05
 Date Analyzed: 09/20/05 19:19
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 7.52 g-as-rec
 Final Extract Volume: 0.5 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	31.5%
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PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T1-M-SC-HP-comp-1
SAMPLE

Lab Sample ID: IM87C
LIMS ID: 05-15441
Matrix: Tissue
Data Release Authorized:
Reported: 09/23/05

QC Report No: IM87-Windward Environmental, LLC
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 09/07/05

Date Extracted: 09/12/05
Date Analyzed: 09/21/05 15:21
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Semivolatile Surrogate Recovery			
	d14-p-Terphenyl	62.0%	

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

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Sample ID: LDW-T2-M-SC-HP-comp-1

SAMPLE

Lab Sample ID: IM87E

LIMS ID: 05-15443

Matrix: Tissue

Data Release Authorized: 

Reported: 09/23/05

QC Report No: IM87-Windward Environmental, LLC

Project: Lower Duwamish Waterway Group (LDWG)

04-08-06-22

Date Sampled: 08/31/04

Date Received: 09/07/05

Date Extracted: 09/12/05

Date Analyzed: 09/21/05 15:55

Instrument/Analyst: NT6/LJR

GPC Cleanup: No

Sample Amount: 15.0 g-as-rec

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	44.4%
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PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: LDW-T2-M-SC-HP-comp-2
SAMPLE

Lab Sample ID: IM87F
 LIMS ID: 05-15444
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05

QC Report No: IM87-Windward Environmental, LLC
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/31/04
 Date Received: 09/07/05

Date Extracted: 09/12/05
 Date Analyzed: 09/21/05 16:28
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	100


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	51.2%
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ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
 Page 1 of 1

Sample ID: LDW-T3-M-SC-HP-comp-1
SAMPLE

Lab Sample ID: IM87H
 LIMS ID: 05-15446
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05 

QC Report No: IM87-Windward Environmental, LLC
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 09/03/04
 Date Received: 09/07/05

Date Extracted: 09/12/05
 Date Analyzed: 09/21/05 13:41
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 7.55 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	130	230 B

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	82.8%
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ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
 Page 1 of 1

Sample ID: LDW-T4-M-SF-FL-comp-1
 SAMPLE

Lab Sample ID: IM87B
 LIMS ID: 05-15440
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/23/05

QC Report No: IM87-Windward Environmental, LLC
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/30/04
 Date Received: 09/07/05

Date Extracted: 09/12/05
 Date Analyzed: 09/21/05 00:50
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	62.0%
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ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: LDW-T4-M-SF-WB-comp-1
SAMPLE

Lab Sample ID: IH51D
LIMS ID: 05-12114
Matrix: Tissue
Data Release Authorized: *WV*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
04-08-06-22
Date Sampled: 08/04/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 16:12
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	45.6%
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ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: LDW-T4-M-SF-WB-comp-2
SAMPLE

Lab Sample ID: IH50H
LIMS ID: 05-12108
Matrix: Tissue
Data Release Authorized:
Reported: 08/16/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 18:52
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U
Reported in µg/kg (ppb)			
<u>Semivolatile Surrogate Recovery</u>			
	d14-p-Terphenyl	122%	

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: LDW-T4-M-SF-WB-comp-2
DILUTION

Lab Sample ID: IH50H
LIMS ID: 05-12108
Matrix: Tissue
Data Release Authorized:
Reported: 08/16/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/04/05 23:12
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U
Reported in µg/kg (ppb)			
Semivolatile Surrogate Recovery			
	d14-p-Terphenyl	75.6%	

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

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Sample ID: LDW-T4-M-SF-WB-comp-3

SAMPLE

Lab Sample ID: IH51E

LIMS ID: 05-12115

Matrix: Tissue

Data Release Authorized: *WVW*

Reported: 08/30/05

QC Report No: IH51-Windward Environmental

Project: Lower Duwamish Waterway Group (LDWG)

04-08-06-22

Date Sampled: 08/04/04

Date Received: 07/19/05

Date Extracted: 07/29/05

Date Analyzed: 08/23/05 16:45

Instrument/Analyst: NT6/LJR

GPC Cleanup: No

Sample Amount: 15.0 g-as-rec

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	49.2%
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ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

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Sample ID: LDW-T4-M-SF-WB-comp-3

DILUTION

Lab Sample ID: IH51E

LIMS ID: 05-12115

Matrix: Tissue

Data Release Authorized: *YWW*

Reported: 08/30/05

QC Report No: IH51-Windward Environmental

Project: Lower Duwamish Waterway Group (LDWG)

04-08-06-22

Date Sampled: 08/04/04

Date Received: 07/19/05

Date Extracted: 07/29/05

Date Analyzed: 08/24/05 12:11

Instrument/Analyst: NT6/LJR

GPC Cleanup: No

Sample Amount: 15.0 g-as-rec

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	330	< 330 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)


Semivolatile Surrogate Recovery

d14-p-Terphenyl 27.4%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: LDW-M-M-SP-FL-comp-1
SAMPLE

Lab Sample ID: IH50D
LIMS ID: 05-12104
Matrix: Tissue
Data Release Authorized: 
Reported: 08/16/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/04/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 16:40
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U
Reported in µg/kg (ppb)			
Semivolatile Surrogate Recovery			
	d14-p-Terphenyl	56.0%	

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1



Sample ID: LDW-T3-A-SS-WB-comp-1
SAMPLE

Lab Sample ID: IH51M
LIMS ID: 05-12123
Matrix: Tissue
Data Release Authorized: *mw*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 21:09
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 11.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	91	< 91 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	39.7%
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ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: LDW-T3-A-SS-WB-comp-1
DILUTION

Lab Sample ID: IH51M
LIMS ID: 05-12123
Matrix: Tissue
Data Release Authorized: *mwj*
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/24/05 16:40
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 11.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	450	< 450 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	91.0%
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ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

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Sample ID: LDW-T3-B-SS-WB-comp-1

SAMPLE

Lab Sample ID: IH50E

LIMS ID: 05-12105

Matrix: Tissue

Data Release Authorized:

Reported: 08/16/05

QC Report No: IH50-Windward Environmental

Project: Lower Duwamish Waterway Group(LDWG)

04-08-06-22

Date Sampled: 08/03/04

Date Received: 07/19/05

Date Extracted: 07/28/05

Date Analyzed: 08/02/05 17:13

Instrument/Analyst: NT6/LJR

GPC Cleanup: No

Sample Amount: 15.0 g-as-rec

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl 84.4%

ORGANICS ANALYSIS DATA SHEET
 PSDDA Semivolatiles by SW8270D GC/MS
 Page 1 of 1

Sample ID: LDW-T3-C-SS-WB-comp-1
 SAMPLE

Lab Sample ID: IH50F
 LIMS ID: 05-12106
 Matrix: Tissue
 Data Release Authorized:
 Reported: 08/16/05

QC Report No: IH50-Windward Environmental
 Project: Lower Duwamish Waterway Group(LDWG)
 04-08-06-22
 Date Sampled: 08/03/04
 Date Received: 07/19/05


Date Extracted: 07/28/05
 Date Analyzed: 08/02/05 17:46
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 13.2 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	76	< 76 U
Reported in µg/kg (ppb)			
Semivolatile Surrogate Recovery			
	d14-p-Terphenyl	73.2%	

ORGANICS ANALYSIS DATA SHEET
 PSDDA Semivolatiles by SW8270D GC/MS
 Page 1 of 1

Sample ID: LDW-T3-D-SS-WB-comp-1
SAMPLE

Lab Sample ID: IH51N
 LIMS ID: 05-12124
 Matrix: Tissue
 Data Release Authorized: 
 Reported: 08/31/05

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/02/04
 Date Received: 07/19/05

Date Extracted: 07/29/05
 Date Analyzed: 08/23/05 21:42
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 11.2 g-as-rec
 Final Extract Volume: 1.0 mL
 Dilution Factor: 1.00
 Percent Moisture: NA

CAS Number	Analyte	RL	Result
117-81-7	bis(2-Ethylhexyl)phthalate	89	< 89 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl	37.1%
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000031

ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
 Page 1 of 1

Sample ID: LDW-T1-M-DC-EM-comp-1
SAMPLE

Lab Sample ID: IH52M
 LIMS ID: 05-12137
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/09/05 *AB*

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/30/04
 Date Received: 07/19/05

Date Extracted: 08/30/05
 Date Analyzed: 09/05/05 21:35
 Instrument/Analyst: ECD1/AAR

Sample Amount: 6.74 g-as-rec
 Final Extract Volume: 10 mL
 Dilution Factor: 1.00
 Percent Moisture: NA
 pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	7.4	< 7.4 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
<u>Chlorophenol Surrogate Recovery</u>			
	2,4,6-Tribromophenol		137%

ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
Page 1 of 1

Sample ID: LDW-T1-M-DC-EM-comp-2
SAMPLE

Lab Sample ID: IH52N
LIMS ID: 05-12138
Matrix: Tissue
Data Release Authorized:
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/05/05 22:51
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Chlorophenol Surrogate Recovery			
	2,4,6-Tribromophenol	151%	

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PCP by GC/ECD Method SW8041
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Sample ID: LDW-T1-M-DC-EM-comp-3
SAMPLE

Lab Sample ID: IH520

LIMS ID: 05-12139

Matrix: Tissue

Data Release Authorized:

Reported: 09/09/05

QC Report No: IH52-Windward Environmental

Project: Lower Duwamish Waterway Group (LDWG)

04-08-06-22

Date Sampled: 08/30/04

Date Received: 07/19/05

Date Extracted: 08/30/05

Date Analyzed: 09/05/05 23:16

Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec

Final Extract Volume: 10 mL

Dilution Factor: 1.00

Percent Moisture: NA

pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol 147%

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PCP by GC/ECD Method SW8041
Page 1 of 1

Sample ID: LDW-T3-M-DC-EM-comp-1
SAMPLE

Lab Sample ID: IH52A
LIMS ID: 05-12125
Matrix: Tissue
Data Release Authorized:
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/05/05 15:15
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	143%
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ORGANICS ANALYSIS DATA SHEET

PCP by GC/ECD Method SW8041

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Sample ID: LDW-T3-M-DC-EM-comp-2

SAMPLE

Lab Sample ID: IH52B

QC Report No: IH52-Windward Environmental

LIMS ID: 05-12126

Project: Lower Duwamish Waterway Group (LDWG)

Matrix: Tissue

04-08-06-22

Data Release Authorized:

Date Sampled: 09/03/04

Reported: 09/09/05 *AS*

Date Received: 07/19/05

Date Extracted: 08/30/05

Sample Amount: 15.0 g-as-rec

Date Analyzed: 09/05/05 16:31

Final Extract Volume: 10 mL

Instrument/Analyst: ECD1/AAR

Dilution Factor: 1.00

Percent Moisture: NA

pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	153%
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Sample ID: LDW-T3-M-DC-EM-comp-3
SAMPLE

Lab Sample ID: IH52C

QC Report No: IH52-Windward Environmental

LIMS ID: 05-12127

Project: Lower Duwamish Waterway Group (LDWG)

Matrix: Tissue

04-08-06-22

Data Release Authorized:

Date Sampled: 09/01/04

Reported: 09/09/05

Date Received: 07/19/05

Date Extracted: 08/30/05

Sample Amount: 15.0 g-as-rec

Date Analyzed: 09/05/05 16:56

Final Extract Volume: 10 mL

Instrument/Analyst: ECD1/AAR

Dilution Factor: 1.00

Percent Moisture: NA

pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	147%
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ORGANICS ANALYSIS DATA SHEET

PCP by GC/ECD Method SW8041

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Sample ID: LDW-T4-M-DC-EM-comp-1

SAMPLE

Lab Sample ID: IH50B

LIMS ID: 05-12102

Matrix: Tissue

Data Release Authorized:

Reported: 08/17/05

QC Report No: IH50-Windward Environmental

Project: Lower Duwamish Waterway Group(LDWG)

04-08-06-22

Date Sampled: 08/31/04

Date Received: 07/19/05

Date Extracted: 07/28/05

Date Analyzed: 08/02/05 11:59

Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec

Final Extract Volume: 20 mL

Dilution Factor: 1.00

Percent Moisture: NA

pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	6.7	< 6.7 U

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	81.4%
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Sample ID: LDW-T1-M-DC-HP-comp-1
SAMPLE

Lab Sample ID: IH52P
LIMS ID: 05-12140
Matrix: Tissue
Data Release Authorized:
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/05/05 23:41
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	117%
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ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
 Page 1 of 1

Sample ID: LDW-T3-M-DC-HP-comp-1
SAMPLE

Lab Sample ID: IH52D
 LIMS ID: 05-12128
 Matrix: Tissue
 Data Release Authorized:
 Reported: 09/09/05

QC Report No: IH52-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/30/04
 Date Received: 07/19/05

Date Extracted: 08/30/05
 Date Analyzed: 09/05/05 17:21
 Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 10 mL
 Dilution Factor: 1.00
 Percent Moisture: NA
 pH: NA


CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	70.9%
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Sample ID: LDW-T4-M-DC-HP-comp-1
SAMPLE

Lab Sample ID: IH52H
LIMS ID: 05-12132
Matrix: Tissue
Data Release Authorized: 
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/05/05 19:53
Instrument/Analyst: ECD1/AAR

Sample Amount: 10.9 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	4.6	< 4.6 U


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	95.5%
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ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
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Sample ID: LDW-T1-M-ES-FL-comp-2
SAMPLE

Lab Sample ID: IH51F
 LIMS ID: 05-12116
 Matrix: Tissue
 Data Release Authorized: 
 Reported: 08/29/05

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/02/04
 Date Received: 07/19/05

Date Extracted: 07/29/05
 Date Analyzed: 08/04/05 20:02
 Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 10 mL
 Dilution Factor: 1.00
 Percent Moisture: NA
 pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Chlorophenol Surrogate Recovery			
	2,4,6-Tribromophenol	83.0%	

ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
Page 1 of 1

Sample ID: LDW-T2-M-ES-FL-comp-1
SAMPLE

Lab Sample ID: IH51G
LIMS ID: 05-12117
Matrix: Tissue
Data Release Authorized:
Reported: 08/29/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05


Date Extracted: 07/29/05
Date Analyzed: 08/04/05 20:26
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
<u>Chlorophenol Surrogate Recovery</u>			
	2,4,6-Tribromophenol	83.3%	

ORGANICS ANALYSIS DATA SHEET
 PCP by GC/ECD Method SW8041
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Sample ID: LDW-T2-M-ES-FL-comp-2
SAMPLE

Lab Sample ID: IH51H
 LIMS ID: 05-12118
 Matrix: Tissue
 Data Release Authorized: 
 Reported: 08/29/05

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/03/04
 Date Received: 07/19/05

Date Extracted: 07/29/05
 Date Analyzed: 08/04/05 20:50
 Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 10 mL
 Dilution Factor: 1.00
 Percent Moisture: NA
 pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	84.4%
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PCP by GC/ECD Method SW8041
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Sample ID: LDW-T3-M-ES-FL-comp-1
SAMPLE

Lab Sample ID: IH50G
LIMS ID: 05-12107
Matrix: Tissue
Data Release Authorized:
Reported: 08/17/05


QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 14:47
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	6.7	< 6.7 U
Reported in µg/kg (ppb)			
Chlorophenol Surrogate Recovery			
	2,4,6-Tribromophenol	91.2%	

Sample ID: LDW-T4-M-ES-FL-comp-1
SAMPLE

Lab Sample ID: IH52I
LIMS ID: 05-12133
Matrix: Tissue
Data Release Authorized: 
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/05/05 20:19
Instrument/Analyst: ECD1/AAR

Sample Amount: 5.82 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	8.6	< 8.6 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Chlorophenol Surrogate Recovery			
	2,4,6-Tribromophenol	158%	

ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
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Sample ID: LDW-T2-M-ES-WB-comp-4
SAMPLE

Lab Sample ID: IH50I
LIMS ID: 05-12109
Matrix: Tissue
Data Release Authorized:
Reported: 08/17/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 15:30
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	6.7	2.3 J


Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	121%
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ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
Page 1 of 1

Sample ID: LDW-T2-M-ES-WB-comp-5
SAMPLE

Lab Sample ID: IH51I
LIMS ID: 05-12119
Matrix: Tissue
Data Release Authorized: 
Reported: 08/29/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/04/05 21:13
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	150%
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ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
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Sample ID: LDW-T2-M-ES-WB-comp-6
SAMPLE

Lab Sample ID: IH51J
 LIMS ID: 05-12120
 Matrix: Tissue
 Data Release Authorized: 
 Reported: 08/29/05

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/03/04
 Date Received: 07/19/05


Date Extracted: 07/29/05
 Date Analyzed: 08/04/05 21:37
 Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 10 mL
 Dilution Factor: 1.00
 Percent Moisture: NA
 pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	1.9 J
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Chlorophenol Surrogate Recovery			
	2,4,6-Tribromophenol	113%	

ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
Page 1 of 1

Sample ID: LDW-T3-M-ES-WB-comp-1
SAMPLE

Lab Sample ID: IH51K
LIMS ID: 05-12121
Matrix: Tissue
Data Release Authorized: 
Reported: 08/29/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/04/05 22:01
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	102%
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ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
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Sample ID: LDW-T3-M-ES-WB-comp-2
SAMPLE

Lab Sample ID: IH51L
 LIMS ID: 05-12122
 Matrix: Tissue
 Data Release Authorized: 
 Reported: 08/29/05

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/03/04
 Date Received: 07/19/05


Date Extracted: 07/29/05
 Date Analyzed: 08/04/05 22:25
 Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 10 mL
 Dilution Factor: 1.00
 Percent Moisture: NA
 pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Chlorophenol Surrogate Recovery			
	2,4,6-Tribromophenol	124%	

ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
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Sample ID: LDW-T3-M-ES-WB-comp-3
SAMPLE

Lab Sample ID: IH50J
LIMS ID: 05-12110
Matrix: Tissue
Data Release Authorized: 
Reported: 08/17/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05


Date Extracted: 07/28/05
Date Analyzed: 08/02/05 15:54
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	6.7	< 6.7 U
Reported in µg/kg (ppb)			
Chlorophenol Surrogate Recovery			
	2,4,6-Tribromophenol	145%	

ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
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Sample ID: LDW-T3-M-ES-WB-comp-4
SAMPLE

Lab Sample ID: IH51A
LIMS ID: 05-12111
Matrix: Tissue
Data Release Authorized: 
Reported: 08/29/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/04/05 17:15
Instrument/Analyst: ECD1/AAR

Sample Amount: 12.1 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	4.1	< 4.1 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	94.1%
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ORGANICS ANALYSIS DATA SHEET
 PCP by GC/ECD Method SW8041
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Sample ID: LDW-T3-M-ES-WB-comp-5
 SAMPLE

Lab Sample ID: IH51B
 LIMS ID: 05-12112
 Matrix: Tissue
 Data Release Authorized:
 Reported: 08/29/05

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/05/04
 Date Received: 07/19/05

Date Extracted: 07/29/05
 Date Analyzed: 08/04/05 17:39
 Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 10 mL
 Dilution Factor: 1.00
 Percent Moisture: NA
 pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	97.8%
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ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
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Sample ID: LDW-T3-M-ES-WB-comp-6
SAMPLE

Lab Sample ID: IH51C
 LIMS ID: 05-12113
 Matrix: Tissue
 Data Release Authorized:
 Reported: 08/29/05 

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/05/04
 Date Received: 07/19/05

Date Extracted: 07/29/05
 Date Analyzed: 08/04/05 18:03
 Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 10 mL
 Dilution Factor: 1.00
 Percent Moisture: NA
 pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	109%
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PCP by GC/ECD Method SW8041
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Sample ID: LDW-T4-M-ES-WB-comp-1
SAMPLE

Lab Sample ID: IH52J
LIMS ID: 05-12134
Matrix: Tissue
Data Release Authorized: *[Signature]*
Reported: 10/04/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/05/05 20:44
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	1.5 J

Reported in $\mu\text{g}/\text{kg}$ (ppb)


Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol 205%

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PCP by GC/ECD Method SW8041
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Sample ID: LDW-T4-M-ES-WB-comp-3
SAMPLE

Lab Sample ID: IH52K
LIMS ID: 05-12135
Matrix: Tissue
Data Release Authorized: 
Reported: 10/04/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/05/05 21:09
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	1.1 J


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	198%
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ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
Page 1 of 1

Sample ID: LDW-M-M-PP-FL-comp-1
SAMPLE

Lab Sample ID: IH50C
LIMS ID: 05-12103
Matrix: Tissue
Data Release Authorized: 
Reported: 08/17/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 12:23
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	6.7	< 6.7 U
Reported in µg/kg (ppb)			
Chlorophenol Surrogate Recovery			
	2,4,6-Tribromophenol	70.9%	

ORGANICS ANALYSIS DATA SHEET
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Sample ID: LDW-T2-M-SC-EM-comp-1
SAMPLE

Lab Sample ID: IH52R
LIMS ID: 05-12142
Matrix: Tissue
Data Release Authorized:
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/06/05 00:32
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	99.3%
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Sample ID: LDW-T2-M-SC-EM-comp-2
SAMPLE

Lab Sample ID: IH52S
LIMS ID: 05-12143
Matrix: Tissue
Data Release Authorized:
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/06/05 00:57
Instrument/Analyst: ECD1/AAR

Sample Amount: 13.6 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.7	< 3.7 U
	Reported in $\mu\text{g}/\text{kg}$ (ppb)		
	<u>Chlorophenol Surrogate Recovery</u>		
	2,4,6-Tribromophenol	96.3%	

ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
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Sample ID: LDW-T2-M-SC-EM-comp-3
SAMPLE

Lab Sample ID: IH52T
LIMS ID: 05-12144
Matrix: Tissue
Data Release Authorized: *AB*
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/06/05 01:22
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	122%
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ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
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Sample ID: LDW-T2-M-SC-EM-comp-4
SAMPLE

Lab Sample ID: IH52U

QC Report No: IH52-Windward Environmental

LIMS ID: 05-12145

Project: Lower Duwamish Waterway Group (LDWG)

Matrix: Tissue

04-08-06-22

Data Release Authorized:

Date Sampled: 08/31/04

Reported: 09/09/05

Date Received: 07/19/05

Date Extracted: 08/30/05

Sample Amount: 15.0 g-as-rec

Date Analyzed: 09/06/05 03:29

Final Extract Volume: 10 mL

Instrument/Analyst: ECD1/AAR

Dilution Factor: 1.00

Percent Moisture: NA

pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	105%
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Sample ID: LDW-T2-M-SC-EM-comp-5
SAMPLE

Lab Sample ID: IH52V
LIMS ID: 05-12146
Matrix: Tissue
Data Release Authorized:
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/06/05 03:54
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	157%
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ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
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Sample ID: LDW-T2-M-SC-EM-comp-6
SAMPLE

Lab Sample ID: IH52W
LIMS ID: 05-12147
Matrix: Tissue
Data Release Authorized:
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/06/05 04:19
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	136%
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ORGANICS ANALYSIS DATA SHEET
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Sample ID: LDW-T3-M-SC-EM-comp-1
SAMPLE

Lab Sample ID: IH50A
LIMS ID: 05-12101
Matrix: Tissue
Data Release Authorized:
Reported: 08/17/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 09/03/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 11:35
Instrument/Analyst: ECD1/AAR

Sample Amount: 13.8 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	7.2	< 7.2 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	64.6%
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PCP by GC/ECD Method SW8041
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ANALYTICAL
RESOURCES 
INCORPORATED

Sample ID: LDW-T3-M-SC-EM-comp-2
SAMPLE

Lab Sample ID: IH52E
LIMS ID: 05-12129
Matrix: Tissue
Data Release Authorized:
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 09/03/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/05/05 18:37
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA


CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	167%
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Sample ID: LDW-T3-M-SC-EM-comp-3
SAMPLE

Lab Sample ID: IH52F
LIMS ID: 05-12130
Matrix: Tissue
Data Release Authorized: 
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 09/03/04
Date Received: 07/19/05

Date Extracted: 08/30/05
Date Analyzed: 09/05/05 19:03
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	121%
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Sample ID: LDW-T1-M-SC-HP-comp-1
SAMPLE

Lab Sample ID: IH52Q
LIMS ID: 05-12141
Matrix: Tissue
Data Release Authorized: 
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05


Date Extracted: 08/30/05
Date Analyzed: 09/06/05 00:06
Instrument/Analyst: ECD1/AAR

Sample Amount: 4.72 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	11	< 11 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Chlorophenol Surrogate Recovery			
	2,4,6-Tribromophenol	171%	

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Sample ID: LDW-T2-M-SC-HP-comp-1
 SAMPLE

Lab Sample ID: IM87E
 LIMS ID: 05-15443
 Matrix: Tissue
 Data Release Authorized: 
 Reported: 09/21/05

QC Report No: IM87-Windward Environmental, LLC
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/31/04
 Date Received: 09/07/05

Date Extracted: 09/12/05
 Date Analyzed: 09/20/05 21:21
 Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
 Final Extract Volume: 10 mL
 Dilution Factor: 1.00
 Percent Moisture: NA
 pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
<u>Chlorophenol Surrogate Recovery</u>			
	2,4,6-Tribromophenol	106%	

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Sample ID: LDW-T2-M-SC-HP-comp-2
SAMPLE

Lab Sample ID: IM87F
LIMS ID: 05-15444
Matrix: Tissue
Data Release Authorized:
Reported: 09/21/05 *AB*

QC Report No: IM87-Windward Environmental, LLC
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 09/07/05

Date Extracted: 09/12/05
Date Analyzed: 09/20/05 21:42
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Chlorophenol Surrogate Recovery			
	2,4,6-Tribromophenol	89.8%	

Sample ID: LDW-T3-M-SC-HP-comp-1
SAMPLE

Lab Sample ID: IH52G
LIMS ID: 05-12131
Matrix: Tissue
Data Release Authorized:
Reported: 09/09/05

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 09/03/04
Date Received: 07/19/05


Date Extracted: 08/30/05
Date Analyzed: 09/05/05 19:28
Instrument/Analyst: ECD1/AAR

Sample Amount: 11.3 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	4.4	< 4.4 U
	Reported in $\mu\text{g}/\text{kg}$ (ppb)		
	Chlorophenol Surrogate Recovery		
	2,4,6-Tribromophenol	158%	

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Sample ID: LDW-T4-M-SF-FL-comp-1
SAMPLE

Lab Sample ID: IM87B
LIMS ID: 05-15440
Matrix: Tissue
Data Release Authorized: 
Reported: 09/21/05

QC Report No: IM87-Windward Environmental, LLC
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 09/07/05

Date Extracted: 09/12/05
Date Analyzed: 09/20/05 19:56
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U
	Reported in $\mu\text{g}/\text{kg}$ (ppb)		
	Chlorophenol Surrogate Recovery		
	2,4,6-Tribromophenol	122%	

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Sample ID: LDW-T4-M-SF-WB-comp-1
SAMPLE

Lab Sample ID: IH51D
LIMS ID: 05-12114
Matrix: Tissue
Data Release Authorized: *[Signature]*
Reported: 08/29/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/04/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/04/05 18:27
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	1.3 J


Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol 137%

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Sample ID: LDW-T4-M-SF-WB-comp-2
SAMPLE

Lab Sample ID: IH50H
LIMS ID: 05-12108
Matrix: Tissue
Data Release Authorized: 
Reported: 08/17/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05


Date Extracted: 07/28/05
Date Analyzed: 08/02/05 15:06
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	6.7	< 6.7 U
Reported in µg/kg (ppb)			
<u>Chlorophenol Surrogate Recovery</u>			
	2,4,6-Tribromophenol	117%	

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Sample ID: LDW-T4-M-SF-WB-comp-3
SAMPLE

Lab Sample ID: IH51E
LIMS ID: 05-12115
Matrix: Tissue
Data Release Authorized: 
Reported: 08/29/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/04/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/04/05 18:51
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	3.3	< 3.3 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	106%
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Sample ID: LDW-M-M-SP-FL-comp-1
SAMPLE

Lab Sample ID: IH50D
LIMS ID: 05-12104
Matrix: Tissue
Data Release Authorized:
Reported: 08/17/05 *AB*

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
04-08-06-22
Date Sampled: 08/04/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 12:47
Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	6.7	< 6.7 U
Reported in µg/kg (ppb)			
<u>Chlorophenol Surrogate Recovery</u>			
	2,4,6-Tribromophenol	73.5%	

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Sample ID: LDW-T3-A-SS-WB-comp-1
SAMPLE

Lab Sample ID: IH51M
 LIMS ID: 05-12123
 Matrix: Tissue
 Data Release Authorized:
 Reported: 08/29/05

QC Report No: IH51-Windward Environmental
 Project: Lower Duwamish Waterway Group (LDWG)
 04-08-06-22
 Date Sampled: 08/02/04
 Date Received: 07/19/05

Date Extracted: 07/29/05
 Date Analyzed: 08/04/05 22:48
 Instrument/Analyst: ECD1/AAR

Sample Amount: 11.0 g-as-rec
 Final Extract Volume: 10 mL
 Dilution Factor: 1.00
 Percent Moisture: NA
 pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	4.6	< 4.6 U
Reported in $\mu\text{g}/\text{kg}$ (ppb)			
Chlorophenol Surrogate Recovery			
	2,4,6-Tribromophenol	222%	

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Sample ID: LDW-T3-B-SS-WB-comp-1

SAMPLE

Lab Sample ID: IH50E

LIMS ID: 05-12105

Matrix: Tissue

Data Release Authorized:

Reported: 08/17/05

QC Report No: IH50-Windward Environmental

Project: Lower Duwamish Waterway Group(LDWG)

04-08-06-22

Date Sampled: 08/03/04

Date Received: 07/19/05

Date Extracted: 07/28/05

Date Analyzed: 08/02/05 13:12

Instrument/Analyst: ECD1/AAR

Sample Amount: 15.0 g-as-rec

Final Extract Volume: 20 mL

Dilution Factor: 1.00

Percent Moisture: NA

pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	6.7	2.8 J

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	166%
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Sample ID: LDW-T3-C-SS-WB-comp-1
SAMPLE

Lab Sample ID: IH50F
LIMS ID: 05-12106
Matrix: Tissue
Data Release Authorized:
Reported: 08/17/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 14:24
Instrument/Analyst: ECD1/AAR

Sample Amount: 13.2 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	7.6	< 7.6 U

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	161%
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Sample ID: LDW-T3-D-SS-WB-comp-1
SAMPLE

Lab Sample ID: IH51N
LIMS ID: 05-12124
Matrix: Tissue
Data Release Authorized: *AS*
Reported: 08/29/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/04/05 23:12
Instrument/Analyst: ECD1/AAR

Sample Amount: 11.2 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
87-86-5	Pentachlorophenol	4.5	< 4.5 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol	202%
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