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Tax I.D. 62-0814289

Est. 1970

Daniel Padilla
OXY USA Inc - Grand Junction, CO
760 Horizon Dr., Ste. 101
Grand Junction, CO 81506

Report Summary

Sunday November 20, 2011

Report Number: L546596

Samples Received: 11/12/11

Client Project: 900546.0005.010

Description: 797-09A Background

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Mark W. Beasley , ESC Representative

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REPORT OF ANALYSIS

Daniel Padilla
OXY USA Inc - Grand Junction, CO
760 Horizon Dr., Ste. 101
Grand Junction, CO 81506

November 20, 2011

Date Received : November 12, 2011
Description : 797-09A Background
Sample ID : 797-09A BG-SE 6 IN
Collected By : CB
Collection Date : 11/11/11 10:06

ESC Sample # : L546596-01

Site ID :

Project # : 900546.0005.010

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chromium, Hexavalent	1.8	0.71	2.0	mg/kg	J	3060A/7	11/17/11	1
Chromium, Trivalent	14.	0.17	2.0	mg/kg		Calc.	11/17/11	1
ORP	62.			mV	T8	2580	11/16/11	1
pH	8.4			su		9045D	11/18/11	1
Sodium Adsorption Ratio	1.7					Calc.	11/16/11	1
Specific Conductance	240			umhos/cm		9050AMo	11/16/11	1
Mercury	0.015	0.0015	0.020	mg/kg	J	7471	11/15/11	1
Arsenic	9.0	0.32	1.0	mg/kg		6010B	11/17/11	1
Barium	160	0.050	0.25	mg/kg		6010B	11/17/11	1
Cadmium	0.54	0.040	0.25	mg/kg		6010B	11/17/11	1
Chromium	16.	0.085	0.50	mg/kg		6010B	11/17/11	1
Copper	23.	0.21	1.0	mg/kg		6010B	11/17/11	1
Lead	12.	0.090	0.25	mg/kg		6010B	11/17/11	1
Nickel	16.	0.26	1.0	mg/kg		6010B	11/17/11	1
Selenium	2.0	0.32	1.0	mg/kg		6010B	11/17/11	1
Silver	0.26	0.16	0.50	mg/kg	J	6010B	11/17/11	1
Zinc	64.	0.34	1.5	mg/kg		6010B	11/17/11	1
TPH (GC/FID) Low Fraction	U	0.25	0.50	mg/kg		8015D/G	11/14/11	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene (FID)	97.6			% Rec.		602/801	11/14/11	5
Benzene	U	0.0017	0.0050	mg/kg		8260B	11/15/11	5
Toluene	U	0.0016	0.025	mg/kg		8260B	11/15/11	5
Ethylbenzene	U	0.0019	0.0050	mg/kg		8260B	11/15/11	5
Total Xylenes	U	0.0023	0.015	mg/kg		8260B	11/15/11	5
Surrogate Recovery								
Toluene-d8	99.9			% Rec.		8260B	11/15/11	5
Dibromofluoromethane	96.5			% Rec.		8260B	11/15/11	5
a,a,a-Trifluorotoluene	107.			% Rec.		8260B	11/15/11	5
4-Bromofluorobenzene	109.			% Rec.		8260B	11/15/11	5
TPH (GC/FID) High Fraction	27.	0.77	4.0	mg/kg		3546/DR	11/16/11	1
Surrogate recovery (%) o-Terphenyl	54.1			% Rec.		3546/DR	11/16/11	1

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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Reported: 11/20/11 08:04 Printed: 11/20/11 08:04
L546596-01 (PH) - 8.37@18.8c



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REPORT OF ANALYSIS

Daniel Padilla
OXY USA Inc - Grand Junction, CO
760 Horizon Dr., Ste. 101
Grand Junction, CO 81506

November 20, 2011

Date Received : November 12, 2011
Description : 797-09A Background
Sample ID : 797-09A BG-SE 6 IN
Collected By : CB
Collection Date : 11/11/11 10:06

ESC Sample # : L546596-01

Site ID :

Project # : 900546.0005.010

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	11/17/11	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	11/17/11	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	11/17/11	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	11/17/11	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	11/17/11	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	11/17/11	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	11/17/11	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	11/17/11	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	11/17/11	1
Phenanthrene	0.0016	0.00074	0.0060	mg/kg	J	8270C-S	11/17/11	1
Pyrene	0.00073	0.00059	0.0060	mg/kg	J	8270C-S	11/17/11	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	11/17/11	1
2-Methylnaphthalene	0.00065	0.00059	0.0060	mg/kg	J	8270C-S	11/17/11	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	11/17/11	1
Surrogate Recovery								
Nitrobenzene-d5	83.6			% Rec.		8270C-S	11/17/11	1
2-Fluorobiphenyl	84.4			% Rec.		8270C-S	11/17/11	1
p-Terphenyl-d14	102.			% Rec.		8270C-S	11/17/11	1

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Grand Junction, CO 81506

November 20, 2011

Date Received : November 12, 2011
Description : 797-09A Background
Sample ID : 797-09A BG-S 12 IN
Collected By : CB
Collection Date : 11/11/11 09:49

ESC Sample # : L546596-02

Site ID :

Project # : 900546.0005.010

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chromium, Hexavalent	U	0.71	2.0	mg/kg		3060A/7	11/17/11	1
Chromium, Trivalent	16.	0.17	2.0	mg/kg		Calc.	11/17/11	1
ORP	70.			mV	T8	2580	11/16/11	1
pH	8.0			su		9045D	11/18/11	1
Sodium Adsorption Ratio	1.1					Calc.	11/16/11	1
Specific Conductance	160			umhos/cm		9050AMo	11/16/11	1
Mercury	0.017	0.0015	0.020	mg/kg	J	7471	11/16/11	1
Arsenic	10.	0.32	1.0	mg/kg		6010B	11/17/11	1
Barium	110	0.050	0.25	mg/kg		6010B	11/17/11	1
Cadmium	0.49	0.040	0.25	mg/kg		6010B	11/17/11	1
Chromium	16.	0.085	0.50	mg/kg		6010B	11/17/11	1
Copper	18.	0.21	1.0	mg/kg		6010B	11/17/11	1
Lead	11.	0.090	0.25	mg/kg		6010B	11/17/11	1
Nickel	14.	0.26	1.0	mg/kg		6010B	11/17/11	1
Selenium	1.7	0.32	1.0	mg/kg		6010B	11/17/11	1
Silver	0.30	0.16	0.50	mg/kg	J	6010B	11/17/11	1
Zinc	58.	0.34	1.5	mg/kg		6010B	11/17/11	1
TPH (GC/FID) Low Fraction	U	0.25	0.50	mg/kg		8015D/G	11/14/11	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene (FID)	93.7			% Rec.		602/801	11/14/11	5
Benzene	U	0.0017	0.0050	mg/kg		8260B	11/15/11	5
Toluene	U	0.0016	0.025	mg/kg		8260B	11/15/11	5
Ethylbenzene	U	0.0019	0.0050	mg/kg		8260B	11/15/11	5
Total Xylenes	U	0.0023	0.015	mg/kg		8260B	11/15/11	5
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	11/15/11	5
Dibromofluoromethane	94.8			% Rec.		8260B	11/15/11	5
a,a,a-Trifluorotoluene	107.			% Rec.		8260B	11/15/11	5
4-Bromofluorobenzene	110.			% Rec.		8260B	11/15/11	5
TPH (GC/FID) High Fraction	14.	0.77	4.0	mg/kg		3546/DR	11/16/11	1
Surrogate recovery (%) o-Terphenyl	72.9			% Rec.		3546/DR	11/16/11	1

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REPORT OF ANALYSIS

Daniel Padilla
OXY USA Inc - Grand Junction, CO
760 Horizon Dr., Ste. 101
Grand Junction, CO 81506

November 20, 2011

Date Received : November 12, 2011
Description : 797-09A Background
Sample ID : 797-09A BG-S 12 IN
Collected By : CB
Collection Date : 11/11/11 09:49

ESC Sample # : L546596-02

Site ID :

Project # : 900546.0005.010

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	11/17/11	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	11/17/11	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(g,h,i)perylene	0.0014	0.0012	0.0060	mg/kg	J	8270C-S	11/17/11	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	11/17/11	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	11/17/11	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	11/17/11	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	11/17/11	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	11/17/11	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	11/17/11	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	11/17/11	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	11/17/11	1
Pyrene	0.0016	0.00059	0.0060	mg/kg	J	8270C-S	11/17/11	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	11/17/11	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	11/17/11	1
2-Chloronaphthalene	0.0012	0.00060	0.0060	mg/kg	J	8270C-S	11/17/11	1
Surrogate Recovery								
Nitrobenzene-d5	86.5			% Rec.		8270C-S	11/17/11	1
2-Fluorobiphenyl	80.8			% Rec.		8270C-S	11/17/11	1
p-Terphenyl-d14	80.4			% Rec.		8270C-S	11/17/11	1

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Grand Junction, CO 81506

November 20, 2011

Date Received : November 12, 2011
Description : 797-09A Background
Sample ID : 797-09A BG-E 16 IN
Collected By : CB
Collection Date : 11/11/11 10:16

ESC Sample # : L546596-03

Site ID :

Project # : 900546.0005.010

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chromium, Hexavalent	U	0.71	2.0	mg/kg		3060A/7	11/17/11	1
Chromium, Trivalent	23.	0.17	2.0	mg/kg		Calc.	11/17/11	1
ORP	120			mV	T8	2580	11/16/11	1
pH	7.6			su		9045D	11/18/11	1
Sodium Adsorption Ratio	0.27					Calc.	11/16/11	1
Specific Conductance	1400			umhos/cm		9050AMo	11/16/11	1
Mercury	0.013	0.0015	0.020	mg/kg	J	7471	11/16/11	1
Arsenic	2.9	0.32	1.0	mg/kg		6010B	11/17/11	1
Barium	58.	0.050	0.25	mg/kg		6010B	11/17/11	1
Cadmium	0.60	0.040	0.25	mg/kg		6010B	11/17/11	1
Chromium	23.	0.085	0.50	mg/kg		6010B	11/17/11	1
Copper	26.	0.21	1.0	mg/kg		6010B	11/17/11	1
Lead	15.	0.090	0.25	mg/kg		6010B	11/17/11	1
Nickel	18.	0.26	1.0	mg/kg		6010B	11/17/11	1
Selenium	0.80	0.32	1.0	mg/kg	J	6010B	11/17/11	1
Silver	0.44	0.16	0.50	mg/kg	J	6010B	11/17/11	1
Zinc	70.	0.34	1.5	mg/kg		6010B	11/17/11	1
TPH (GC/FID) Low Fraction	U	0.25	0.50	mg/kg		8015D/G	11/14/11	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene (FID)	93.4			% Rec.		602/801	11/14/11	5
Benzene	U	0.0017	0.0050	mg/kg		8260B	11/15/11	5
Toluene	U	0.0016	0.025	mg/kg		8260B	11/15/11	5
Ethylbenzene	U	0.0019	0.0050	mg/kg		8260B	11/15/11	5
Total Xylenes	U	0.0023	0.015	mg/kg		8260B	11/15/11	5
Surrogate Recovery								
Toluene-d8	99.4			% Rec.		8260B	11/15/11	5
Dibromofluoromethane	96.8			% Rec.		8260B	11/15/11	5
a,a,a-Trifluorotoluene	106.			% Rec.		8260B	11/15/11	5
4-Bromofluorobenzene	106.			% Rec.		8260B	11/15/11	5
TPH (GC/FID) High Fraction	7.2	0.77	4.0	mg/kg		3546/DR	11/16/11	1
Surrogate recovery(%) o-Terphenyl	79.2			% Rec.		3546/DR	11/16/11	1

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November 20, 2011

Date Received : November 12, 2011
Description : 797-09A Background
Sample ID : 797-09A BG-E 16 IN
Collected By : CB
Collection Date : 11/11/11 10:16

ESC Sample # : L546596-03

Site ID :

Project # : 900546.0005.010

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	11/17/11	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	11/17/11	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	11/17/11	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	11/17/11	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	11/17/11	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	11/17/11	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	11/17/11	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	11/17/11	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	11/17/11	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	11/17/11	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	11/17/11	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	11/17/11	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	11/17/11	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	11/17/11	1
Surrogate Recovery								
Nitrobenzene-d5	89.5			% Rec.		8270C-S	11/17/11	1
2-Fluorobiphenyl	82.5			% Rec.		8270C-S	11/17/11	1
p-Terphenyl-d14	84.4			% Rec.		8270C-S	11/17/11	1

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Grand Junction, CO 81506

November 20, 2011

Date Received : November 12, 2011
Description : 797-09A Background
Sample ID : 797-09A BG-NE 13 IN
Collected By : CB
Collection Date : 11/11/11 10:27

ESC Sample # : L546596-04

Site ID :

Project # : 900546.0005.010

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Chromium, Hexavalent	1.2	0.71	2.0	mg/kg	JP1	3060A/7	11/17/11	1
Chromium, Trivalent	19.	0.17	2.0	mg/kg		Calc.	11/17/11	1
ORP	81.			mV	T8	2580	11/16/11	1
pH	8.4			su		9045D	11/18/11	1
Sodium Adsorption Ratio	2.2					Calc.	11/16/11	1
Specific Conductance	140			umhos/cm		9050AMo	11/16/11	1
Mercury	0.014	0.0015	0.020	mg/kg	J	7471	11/16/11	1
Arsenic	22.	1.6	5.0	mg/kg		6010B	11/17/11	5
Barium	270	0.050	0.25	mg/kg		6010B	11/17/11	1
Cadmium	0.48	0.040	0.25	mg/kg		6010B	11/17/11	1
Chromium	20.	0.085	0.50	mg/kg		6010B	11/17/11	1
Copper	17.	0.21	1.0	mg/kg		6010B	11/17/11	1
Lead	15.	0.45	1.3	mg/kg		6010B	11/17/11	5
Nickel	20.	1.3	5.0	mg/kg		6010B	11/17/11	5
Selenium	5.2	1.6	5.0	mg/kg		6010B	11/17/11	5
Silver	U	0.16	0.50	mg/kg		6010B	11/17/11	1
Zinc	60.	0.34	1.5	mg/kg		6010B	11/17/11	1
TPH (GC/FID) Low Fraction	U	0.25	0.50	mg/kg		8015D/G	11/14/11	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene (FID)	93.2			% Rec.		602/801	11/14/11	5
Benzene	U	0.0017	0.0050	mg/kg		8260B	11/13/11	5
Toluene	U	0.0016	0.025	mg/kg		8260B	11/13/11	5
Ethylbenzene	U	0.0019	0.0050	mg/kg		8260B	11/13/11	5
Total Xylenes	U	0.0023	0.015	mg/kg		8260B	11/13/11	5
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	11/13/11	5
Dibromofluoromethane	118.			% Rec.		8260B	11/13/11	5
a,a,a-Trifluorotoluene	105.			% Rec.		8260B	11/13/11	5
4-Bromofluorobenzene	101.			% Rec.		8260B	11/13/11	5
TPH (GC/FID) High Fraction	29.	0.77	4.0	mg/kg		3546/DR	11/16/11	1
Surrogate recovery (%) o-Terphenyl	55.2			% Rec.		3546/DR	11/16/11	1

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 11/20/11 08:04 Printed: 11/20/11 08:04
L546596-04 (PH) - 8.37@18.0c



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Est. 1970

REPORT OF ANALYSIS

Daniel Padilla
OXY USA Inc - Grand Junction, CO
760 Horizon Dr., Ste. 101
Grand Junction, CO 81506

November 20, 2011

Date Received : November 12, 2011
Description : 797-09A Background
Sample ID : 797-09A BG-NE 13 IN

ESC Sample # : L546596-04

Site ID :

Collected By : CB
Collection Date : 11/11/11 10:27

Project # : 900546.0005.010

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	11/17/11	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	11/17/11	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	11/17/11	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	11/17/11	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	11/17/11	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	11/17/11	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	11/17/11	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	11/17/11	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	11/17/11	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	11/17/11	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	11/17/11	1
Pyrene	0.00071	0.00059	0.0060	mg/kg	J	8270C-S	11/17/11	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	11/17/11	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	11/17/11	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	11/17/11	1
Surrogate Recovery								
Nitrobenzene-d5	83.7			% Rec.		8270C-S	11/17/11	1
2-Fluorobiphenyl	80.0			% Rec.		8270C-S	11/17/11	1
p-Terphenyl-d14	102.			% Rec.		8270C-S	11/17/11	1

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Note:

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Reported: 11/20/11 08:04 Printed: 11/20/11 08:04
L546596-04 (PH) - 8.37@18.0c

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L546596-01	WG565434	SAMP	Silver	R1936495	J
	WG565775	SAMP	Chromium, Hexavalent	R1935553	J
	WG565541	SAMP	Mercury	R1932473	J
	WG565735	SAMP	Phenanthrene	R1936792	J
	WG565735	SAMP	Pyrene	R1936792	J
	WG565735	SAMP	2-Methylnaphthalene	R1936792	J
	WG565578	SAMP	ORP	R1933894	T8
	WG565434	SAMP	Silver	R1936495	J
L546596-02	WG565630	SAMP	Mercury	R1933772	J
	WG565735	SAMP	Benzo(g,h,i)perylene	R1936792	J
	WG565735	SAMP	Pyrene	R1936792	J
	WG565735	SAMP	2-Chloronaphthalene	R1936792	J
	WG565578	SAMP	ORP	R1933894	T8
	WG565434	SAMP	Selenium	R1936495	J
	WG565434	SAMP	Silver	R1936495	J
L546596-03	WG565630	SAMP	Mercury	R1933772	J
	WG565578	SAMP	ORP	R1933894	T8
	WG565775	SAMP	Chromium, Hexavalent	R1935553	JP1
	WG565630	SAMP	Mercury	R1933772	J
L546596-04	WG565735	SAMP	Pyrene	R1936792	J
	WG565578	SAMP	ORP	R1933894	T8

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
T8	(ESC) - Additional method/sample information: Sample(s) received past/too close to holding time expiration.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
11/20/11 at 08:04:47

TSR Signing Reports: 134
R5 - Desired TAT

Sample: L546596-01 Account: OXYGJCO Received: 11/12/11 09:00 Due Date: 11/18/11 00:00 RPT Date: 11/20/11 08:04
Sample: L546596-02 Account: OXYGJCO Received: 11/12/11 09:00 Due Date: 11/18/11 00:00 RPT Date: 11/20/11 08:04
Sample: L546596-03 Account: OXYGJCO Received: 11/12/11 09:00 Due Date: 11/18/11 00:00 RPT Date: 11/20/11 08:04
Sample: L546596-04 Account: OXYGJCO Received: 11/12/11 09:00 Due Date: 11/18/11 00:00 RPT Date: 11/20/11 08:04