



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**Region 2 Laboratory
2890 Woodbridge Avenue
Edison , New Jersey 08837
732-906-6886 Phone
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December 03, 2012

Graciela Ramirez
Center for Env. Educ., Conservation & Research
Call Box 5100
San German, PR 00683

RE: NOAA -1208063

Enclosed are the results of analyses for samples received by the laboratory between 08/22/2012 and 10/05/2012. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1208063 and contact John Birri by phone at 732-906-6886, or via Email at birri.john@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "John R. Bourbon".

John R. Bourbon
Chief, DESA/LB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: NOAA -1208063

Project Number: 1208063

Project Narrative:

The National Environmental Laboratory Accreditation Conference (NELAC) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAC established and promoted a national accreditation program that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAC accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAC Standards.

Condition Comments

None

Comment(s):

None

Data Qualifier(s):

- U- The analyte was not detected at or above the Reporting Limit.
- J- The identification of the analyte is acceptable; the reported value is an estimate.
- K- The identification of the analyte is acceptable; the reported value may be biased high.
- L- The identification of the analyte is acceptable; the reported value may be biased low.
- NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: NOAA -1208063

Project Number: 1208063

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
NPG 1	1208063-01	Aqueous	08/21/2012 00:01	08/22/2012 15:00
NPG 1 dup	1208063-02	Aqueous	08/21/2012 00:01	08/22/2012 15:00
NPG 1 field blank	1208063-03	Aqueous	08/21/2012 00:01	08/22/2012 15:00
NPG 2	1208063-04	Aqueous	08/21/2012 00:01	08/22/2012 15:00
NPG 5	1208063-05	Aqueous	08/21/2012 00:01	08/22/2012 15:00
NPG-Inflow (Stream)	1208072-02	Aqueous	08/24/2012 09:25	08/27/2012 09:00
NPG-Inflow dup (Stream)	1208072-03	Aqueous	08/24/2012 09:25	08/27/2012 09:00
Inflow (bucket B)	1208072-04	Aqueous	08/24/2012 09:04	08/27/2012 09:00
Field blank	1208072-05	Aqueous	08/24/2012 09:25	08/27/2012 09:00
Site 2 (NPG-2)	1208072-06	Aqueous	08/24/2012 09:50	08/27/2012 09:00
Site 5 (NPG-5)	1208072-07	Aqueous	08/24/2012 10:30	08/27/2012 09:00
Site 1 (NPG-1)	1208072-08	Aqueous	08/24/2012 11:08	08/27/2012 09:00
NPG-2 dup	1210019-01	Aqueous	10/04/2012 11:49	10/05/2012 12:30
NPG-1	1210019-02	Aqueous	10/04/2012 14:20	10/05/2012 12:30
NPG-2 dup Field Blank	1210019-03	Aqueous	10/04/2012 11:49	10/05/2012 12:30
NPG-5	1210019-04	Aqueous	10/04/2012 12:58	10/05/2012 12:30
NPG-2	1210019-05	Aqueous	10/04/2012 10:54	10/05/2012 12:30



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: NOAA -1208063

Project Number: 1208063

SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Polyaromatic Hydrocarbons 301H	EPA 625 / SOP C-90		Aqueous



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: NOAA -1208063

Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG 1

Sample ID: 1208063-01

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: NOAA -1208063

Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG 1 dup

Sample ID: 1208063-02

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



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Region 2 Laboratory

Project: NOAA -1208063

Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG 1 field blank

Sample ID: 1208063-03

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



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Project: NOAA -1208063

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Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG 2

Sample ID: 1208063-04

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



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Project: NOAA -1208063

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Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG 5

Sample ID: 1208063-05

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



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Project: NOAA -1208063

Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG-Inflow (Stream)

Sample ID: 1208072-02

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: NOAA -1208063

Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG-Inflow dup (Stream)

Sample ID: 1208072-03

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: NOAA -1208063

Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: Inflow (bucket B)

Sample ID: 1208072-04

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: NOAA -1208063
Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: Field blank

Sample ID: 1208072-05

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: NOAA -1208063

Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: Site 2 (NPG-2)

Sample ID: 1208072-06

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



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Project: NOAA -1208063

Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: Site 5 (NPG-5)

Sample ID: 1208072-07

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: NOAA -1208063
Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: Site 1 (NPG-1)

Sample ID: 1208072-08

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B208187
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B208187
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B208187
2-Methylnaphthalene	---	U	5.0	ug/L	B208187
Acenaphthene	---	U	5.0	ug/L	B208187
Acenaphthylene	---	U	5.0	ug/L	B208187
Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Anthracene	---	U	5.0	ug/L	B208187
Benzo(A)Pyrene	---	U	5.0	ug/L	B208187
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B208187
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B208187
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B208187
Chrysene	---	U	5.0	ug/L	B208187
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B208187
Fluoranthene	---	U	5.0	ug/L	B208187
Fluorene	---	U	5.0	ug/L	B208187
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B208187
Naphthalene	---	U	5.0	ug/L	B208187
Phenanthrene	---	U	5.0	ug/L	B208187
1-Methylnaphthalene	---	U	5.0	ug/L	B208187
Benzo(E)Pyrene	---	U	5.0	ug/L	B208187
Biphenyl	---	U	5.0	ug/L	B208187
Perylene	---	U	5.0	ug/L	B208187
Pyrene	---	U	5.0	ug/L	B208187



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: NOAA -1208063
Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG-2 dup

Sample ID: 1210019-01

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B210065
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B210065
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B210065
2-Methylnaphthalene	---	U	5.0	ug/L	B210065
Acenaphthene	---	U	5.0	ug/L	B210065
Acenaphthylene	---	U	5.0	ug/L	B210065
Anthracene	---	U	5.0	ug/L	B210065
Benzo(A)Anthracene	---	U	5.0	ug/L	B210065
Benzo(A)Pyrene	---	U	5.0	ug/L	B210065
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B210065
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B210065
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B210065
Chrysene	---	U	5.0	ug/L	B210065
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B210065
Fluoranthene	---	U	5.0	ug/L	B210065
Fluorene	---	U	5.0	ug/L	B210065
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B210065
Naphthalene	---	U	5.0	ug/L	B210065
Phenanthrene	---	U	5.0	ug/L	B210065
1-Methylnaphthalene	---	U	5.0	ug/L	B210065
Benzo(E)Pyrene	---	U	5.0	ug/L	B210065
Biphenyl	---	U	5.0	ug/L	B210065
Perylene	---	U	5.0	ug/L	B210065
Pyrene	---	U	5.0	ug/L	B210065



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: NOAA -1208063

Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG-1

Sample ID: 1210019-02

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B210065
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B210065
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B210065
2-Methylnaphthalene	---	U	5.0	ug/L	B210065
Acenaphthene	---	U	5.0	ug/L	B210065
Acenaphthylene	---	U	5.0	ug/L	B210065
Anthracene	---	U	5.0	ug/L	B210065
Benzo(A)Anthracene	---	U	5.0	ug/L	B210065
Benzo(A)Pyrene	---	U L	5.0	ug/L	B210065
Benzo(B)Fluoranthene	---	U L	5.0	ug/L	B210065
Benzo(G,H,I)Perylene	---	U L	5.0	ug/L	B210065
Benzo(K)Fluoranthene	---	U L	5.0	ug/L	B210065
Chrysene	---	U L	5.0	ug/L	B210065
Dibenzo(A,H)Anthracene	---	U L	5.0	ug/L	B210065
Fluoranthene	---	U	5.0	ug/L	B210065
Fluorene	---	U	5.0	ug/L	B210065
Indeno(1,2,3-Cd)Pyrene	---	U L	5.0	ug/L	B210065
Naphthalene	---	U	5.0	ug/L	B210065
Phenanthrene	---	U	5.0	ug/L	B210065
1-Methylnaphthalene	---	U	5.0	ug/L	B210065
Benzo(E)Pyrene	---	U L	5.0	ug/L	B210065
Biphenyl	---	U	5.0	ug/L	B210065
Perylene	---	U L	5.0	ug/L	B210065
Pyrene	---	U	5.0	ug/L	B210065



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: NOAA -1208063
Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG-2 dup Field Blank

Sample ID: 1210019-03

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B210065
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B210065
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B210065
2-Methylnaphthalene	---	U	5.0	ug/L	B210065
Acenaphthene	---	U	5.0	ug/L	B210065
Acenaphthylene	---	U	5.0	ug/L	B210065
Anthracene	---	U	5.0	ug/L	B210065
Benzo(A)Anthracene	---	U	5.0	ug/L	B210065
Benzo(A)Pyrene	---	U	5.0	ug/L	B210065
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B210065
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B210065
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B210065
Chrysene	---	U	5.0	ug/L	B210065
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B210065
Fluoranthene	---	U	5.0	ug/L	B210065
Fluorene	---	U	5.0	ug/L	B210065
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B210065
Naphthalene	---	U	5.0	ug/L	B210065
Phenanthrene	---	U	5.0	ug/L	B210065
1-Methylnaphthalene	---	U	5.0	ug/L	B210065
Benzo(E)Pyrene	---	U	5.0	ug/L	B210065
Biphenyl	---	U	5.0	ug/L	B210065
Perylene	---	U	5.0	ug/L	B210065
Pyrene	---	U	5.0	ug/L	B210065



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: NOAA -1208063
Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG-5

Sample ID: 1210019-04

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B210065
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B210065
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B210065
2-Methylnaphthalene	---	U	5.0	ug/L	B210065
Acenaphthene	---	U	5.0	ug/L	B210065
Acenaphthylene	---	U	5.0	ug/L	B210065
Anthracene	---	U	5.0	ug/L	B210065
Benzo(A)Anthracene	---	U	5.0	ug/L	B210065
Benzo(A)Pyrene	---	U L	5.0	ug/L	B210065
Benzo(B)Fluoranthene	---	U L	5.0	ug/L	B210065
Benzo(G,H,I)Perylene	---	U L	5.0	ug/L	B210065
Benzo(K)Fluoranthene	---	U L	5.0	ug/L	B210065
Chrysene	---	U L	5.0	ug/L	B210065
Dibenzo(A,H)Anthracene	---	U L	5.0	ug/L	B210065
Fluoranthene	---	U	5.0	ug/L	B210065
Fluorene	---	U	5.0	ug/L	B210065
Indeno(1,2,3-Cd)Pyrene	---	U L	5.0	ug/L	B210065
Naphthalene	---	U	5.0	ug/L	B210065
Phenanthrene	---	U	5.0	ug/L	B210065
1-Methylnaphthalene	---	U	5.0	ug/L	B210065
Benzo(E)Pyrene	---	U L	5.0	ug/L	B210065
Biphenyl	---	U	5.0	ug/L	B210065
Perylene	---	U L	5.0	ug/L	B210065
Pyrene	---	U	5.0	ug/L	B210065



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: NOAA -1208063

Project Number: 1208063

Analyte	Result	Qualifier	Reporting Limit	Units	Batch
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Field ID: NPG-2

Sample ID: 1210019-05

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L	B210065
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L	B210065
2,6-Dimethylnaphthalene	---	U	5.0	ug/L	B210065
2-Methylnaphthalene	---	U	5.0	ug/L	B210065
Acenaphthene	---	U	5.0	ug/L	B210065
Acenaphthylene	---	U	5.0	ug/L	B210065
Anthracene	---	U	5.0	ug/L	B210065
Benzo(A)Anthracene	---	U	5.0	ug/L	B210065
Benzo(A)Pyrene	---	U	5.0	ug/L	B210065
Benzo(B)Fluoranthene	---	U	5.0	ug/L	B210065
Benzo(G,H,I)Perylene	---	U	5.0	ug/L	B210065
Benzo(K)Fluoranthene	---	U	5.0	ug/L	B210065
Chrysene	---	U	5.0	ug/L	B210065
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L	B210065
Fluoranthene	---	U	5.0	ug/L	B210065
Fluorene	---	U	5.0	ug/L	B210065
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L	B210065
Naphthalene	---	U	5.0	ug/L	B210065
Phenanthrene	---	U	5.0	ug/L	B210065
1-Methylnaphthalene	---	U	5.0	ug/L	B210065
Benzo(E)Pyrene	---	U	5.0	ug/L	B210065
Biphenyl	---	U	5.0	ug/L	B210065
Perylene	---	U	5.0	ug/L	B210065
Pyrene	---	U	5.0	ug/L	B210065



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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory**

Project: NOAA -1208063

Project Number: 1208063

NVOA GCMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B208187									
Blank (B208187-BLK1)									
1-Methylphenanthrene	--- U	5.0	ug/L						
2,3,5-Trimethylnaphthalene	--- U	5.0	ug/L						
2,6-Dimethylnaphthalene	--- U	5.0	ug/L						
2-Methylnaphthalene	--- U	5.0	ug/L						
Acenaphthene	--- U	5.0	ug/L						
Acenaphthylene	--- U	5.0	ug/L						
Anthracene	--- U	5.0	ug/L						
Benzo(A)Anthracene	--- U	5.0	ug/L						
Benzo(A)Pyrene	--- U	5.0	ug/L						
Benzo(B)Fluoranthene	--- U	5.0	ug/L						
Benzo(G,H,I)Perylene	--- U	5.0	ug/L						
Benzo(K)Fluoranthene	--- U	5.0	ug/L						
Chrysene	--- U	5.0	ug/L						
Dibenzo(A,H)Anthracene	--- U	5.0	ug/L						
Fluoranthene	--- U	5.0	ug/L						
Fluorene	--- U	5.0	ug/L						
Indeno(1,2,3-Cd)Pyrene	--- U	5.0	ug/L						
Naphthalene	--- U	5.0	ug/L						
Phenanthrene	--- U	5.0	ug/L						
1-Methylnaphthalene	--- U	5.0	ug/L						
Benzo(E)Pyrene	--- U	5.0	ug/L						
Biphenyl	--- U	5.0	ug/L						
Perylene	--- U	5.0	ug/L						
Pyrene	--- U	5.0	ug/L						
<i>Surrogate: Naphthalene-D8</i>	<i>42.2</i>		<i>ug/L</i>	<i>50.00</i>		<i>84.4</i>	<i>30-120</i>		
<i>Surrogate: Anthracene-D10</i>	<i>47.2</i>		<i>ug/L</i>	<i>50.00</i>		<i>94.5</i>	<i>30-120</i>		
<i>Surrogate: Chrysene-D12</i>	<i>46.7</i>		<i>ug/L</i>	<i>50.00</i>		<i>93.4</i>	<i>30-120</i>		



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory**

Project: NOAA -1208063

Project Number: 1208063

NVOA GCMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B208187									
LCS (B208187-BS1)									
1-Methylphenanthrene	54.0	5.0	ug/L	50.00		108	50-150		
2,3,5-Trimethylnaphthalene	49.5	5.0	ug/L	50.00		99.0	50-150		
2,6-Dimethylnaphthalene	47.0	5.0	ug/L	50.00		94.0	50-150		
2-Methylnaphthalene	48.2	5.0	ug/L	50.00		96.4	50-150		
Acenaphthene	41.1	5.0	ug/L	50.00		82.3	47-146		
Acenaphthylene	41.5	5.0	ug/L	50.00		82.9	47-145		
Anthracene	43.8	5.0	ug/L	50.00		87.7	27-133		
Benzo(A)Anthracene	50.9	5.0	ug/L	50.00		102	33-143		
Benzo(A)Pyrene	54.2	5.0	ug/L	50.00		108	17-163		
Benzo(B)Fluoranthene	50.9	5.0	ug/L	50.00		102	24-159		
Benzo(G,H,I)Perylene	49.4	5.0	ug/L	50.00		98.9	48-219		
Benzo(K)Fluoranthene	52.0	5.0	ug/L	50.00		104	11-162		
Chrysene	51.3	5.0	ug/L	50.00		103	17-168		
Dibenzo(A,H)Anthracene	50.9	5.0	ug/L	50.00		102	49-227		
Fluoranthene	48.9	5.0	ug/L	50.00		97.8	26-137		
Fluorene	45.0	5.0	ug/L	50.00		89.9	59-121		
Indeno(1,2,3-Cd)Pyrene	50.3	5.0	ug/L	50.00		101	47-171		
Naphthalene	39.2	5.0	ug/L	50.00		78.4	21-133		
Phenanthrene	45.0	5.0	ug/L	50.00		89.9	54-120		
1-Methylnaphthalene	44.0	5.0	ug/L	50.00		88.1	0-200		
Benzo(E)Pyrene	55.0	5.0	ug/L	50.00		110	0-200		
Biphenyl	47.2	5.0	ug/L	50.00		94.4	0-200		
Perylene	58.2	5.0	ug/L	50.00		116	0-200		
Pyrene	49.9	5.0	ug/L	50.00		99.9	52-115		
<i>Surrogate: Naphthalene-D8</i>	<i>37.7</i>		<i>ug/L</i>	<i>50.00</i>		<i>75.5</i>	<i>30-120</i>		
<i>Surrogate: Anthracene-D10</i>	<i>40.9</i>		<i>ug/L</i>	<i>50.00</i>		<i>81.7</i>	<i>30-120</i>		
<i>Surrogate: Chrysene-D12</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.00</i>		<i>100</i>	<i>30-120</i>		



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory**

Project: NOAA -1208063

Project Number: 1208063

NVOA GCMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B208187									
LCS Dup (B208187-BSD1)									
1-Methylphenanthrene	55.3	5.0	ug/L	50.00		111	50-150	2.36	200
2,3,5-Trimethylnaphthalene	52.2	5.0	ug/L	50.00		104	50-150	5.25	200
2,6-Dimethylnaphthalene	50.2	5.0	ug/L	50.00		100	50-150	6.56	200
2-Methylnaphthalene	51.6	5.0	ug/L	50.00		103	50-150	6.79	200
Acenaphthene	43.1	5.0	ug/L	50.00		86.2	47-146	4.72	200
Acenaphthylene	43.7	5.0	ug/L	50.00		87.4	47-145	5.26	200
Anthracene	42.6	5.0	ug/L	50.00		85.3	27-133	2.78	200
Benzo(A)Anthracene	50.9	5.0	ug/L	50.00		102	33-143	0.0393	200
Benzo(A)Pyrene	52.1	5.0	ug/L	50.00		104	17-163	3.99	200
Benzo(B)Fluoranthene	51.7	5.0	ug/L	50.00		103	24-159	1.62	200
Benzo(G,H,I)Perylene	47.2	5.0	ug/L	50.00		94.3	48-219	4.70	200
Benzo(K)Fluoranthene	49.5	5.0	ug/L	50.00		99.0	11-162	5.06	200
Chrysene	51.0	5.0	ug/L	50.00		102	17-168	0.645	200
Dibenzo(A,H)Anthracene	48.3	5.0	ug/L	50.00		96.6	49-227	5.32	200
Fluoranthene	49.6	5.0	ug/L	50.00		99.1	26-137	1.38	200
Fluorene	46.0	5.0	ug/L	50.00		92.0	59-121	2.31	200
Indeno(1,2,3-Cd)Pyrene	50.8	5.0	ug/L	50.00		102	47-171	1.05	200
Naphthalene	41.6	5.0	ug/L	50.00		83.2	21-133	5.94	200
Phenanthrene	45.7	5.0	ug/L	50.00		91.4	54-120	1.65	200
1-Methylnaphthalene	47.3	5.0	ug/L	50.00		94.6	0-200	7.18	200
Benzo(E)Pyrene	53.3	5.0	ug/L	50.00		107	0-200	3.21	200
Biphenyl	50.0	5.0	ug/L	50.00		99.9	0-200	5.64	200
Perylene	57.4	5.0	ug/L	50.00		115	0-200	1.44	200
Pyrene	50.2	5.0	ug/L	50.00		100	52-115	0.579	200
<i>Surrogate: Naphthalene-D8</i>	<i>39.6</i>		<i>ug/L</i>	<i>50.00</i>		<i>79.1</i>	<i>30-120</i>		
<i>Surrogate: Anthracene-D10</i>	<i>39.9</i>		<i>ug/L</i>	<i>50.00</i>		<i>79.8</i>	<i>30-120</i>		
<i>Surrogate: Chrysene-D12</i>	<i>50.4</i>		<i>ug/L</i>	<i>50.00</i>		<i>101</i>	<i>30-120</i>		



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: NOAA -1208063

Project Number: 1208063

NVOA GCMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B210065									
Blank (B210065-BLK1)									
1-Methylphenanthrene	--- U	5.0	ug/L						
2,3,5-Trimethylnaphthalene	--- U	5.0	ug/L						
2,6-Dimethylnaphthalene	--- U	5.0	ug/L						
2-Methylnaphthalene	--- U	5.0	ug/L						
Acenaphthene	--- U	5.0	ug/L						
Acenaphthylene	--- U	5.0	ug/L						
Anthracene	--- U	5.0	ug/L						
Benzo(A)Anthracene	--- U	5.0	ug/L						
Benzo(A)Pyrene	--- U	5.0	ug/L						
Benzo(B)Fluoranthene	--- U	5.0	ug/L						
Benzo(G,H,I)Perylene	--- U	5.0	ug/L						
Benzo(K)Fluoranthene	--- U	5.0	ug/L						
Chrysene	--- U	5.0	ug/L						
Dibenzo(A,H)Anthracene	--- U	5.0	ug/L						
Fluoranthene	--- U	5.0	ug/L						
Fluorene	--- U	5.0	ug/L						
Indeno(1,2,3-Cd)Pyrene	--- U	5.0	ug/L						
Naphthalene	--- U	5.0	ug/L						
Phenanthrene	--- U	5.0	ug/L						
1-Methylnaphthalene	--- U	5.0	ug/L						
Benzo(E)Pyrene	--- U	5.0	ug/L						
Biphenyl	--- U	5.0	ug/L						
Perylene	--- U	5.0	ug/L						
Pyrene	--- U	5.0	ug/L						
<i>Surrogate: Naphthalene-D8</i>	36.6		ug/L	50.00		73.1	30-120		
<i>Surrogate: Anthracene-D10</i>	39.0		ug/L	50.00		78.1	30-120		
<i>Surrogate: Chrysene-D12</i>	37.9		ug/L	50.00		75.9	30-120		



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory**

Project: NOAA -1208063

Project Number: 1208063

NVOA GCMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B210065									
LCS (B210065-BS1)									
1-Methylphenanthrene	52.3	5.0	ug/L	50.00		105	50-150		
2,3,5-Trimethylnaphthalene	51.2	5.0	ug/L	50.00		102	50-150		
2,6-Dimethylnaphthalene	45.9	5.0	ug/L	50.00		91.9	50-150		
2-Methylnaphthalene	47.1	5.0	ug/L	50.00		94.3	50-150		
Acenaphthene	41.4	5.0	ug/L	50.00		82.9	47-146		
Acenaphthylene	42.2	5.0	ug/L	50.00		84.5	47-145		
Anthracene	41.5	5.0	ug/L	50.00		82.9	27-133		
Benzo(A)Anthracene	46.7	5.0	ug/L	50.00		93.3	33-143		
Benzo(A)Pyrene	47.8	5.0	ug/L	50.00		95.5	17-163		
Benzo(B)Fluoranthene	48.0	5.0	ug/L	50.00		95.9	24-159		
Benzo(G,H,I)Perylene	43.1	5.0	ug/L	50.00		86.2	48-219		
Benzo(K)Fluoranthene	43.4	5.0	ug/L	50.00		86.8	11-162		
Chrysene	46.0	5.0	ug/L	50.00		92.1	17-168		
Dibenzo(A,H)Anthracene	42.4	5.0	ug/L	50.00		84.9	49-227		
Fluoranthene	46.2	5.0	ug/L	50.00		92.4	26-137		
Fluorene	45.4	5.0	ug/L	50.00		90.9	59-121		
Indeno(1,2,3-Cd)Pyrene	41.4	5.0	ug/L	50.00		82.8	47-171		
Naphthalene	40.1	5.0	ug/L	50.00		80.2	21-133		
Phenanthrene	42.9	5.0	ug/L	50.00		85.7	54-120		
1-Methylnaphthalene	43.8	5.0	ug/L	50.00		87.5	0-200		
Benzo(E)Pyrene	51.7	5.0	ug/L	50.00		103	0-200		
Biphenyl	46.4	5.0	ug/L	50.00		92.9	0-200		
Perylene	54.1	5.0	ug/L	50.00		108	0-200		
Pyrene	47.0	5.0	ug/L	50.00		94.1	52-115		
<i>Surrogate: Naphthalene-D8</i>	<i>38.0</i>		<i>ug/L</i>	<i>50.00</i>		<i>75.9</i>	<i>30-120</i>		
<i>Surrogate: Anthracene-D10</i>	<i>38.9</i>		<i>ug/L</i>	<i>50.00</i>		<i>77.8</i>	<i>30-120</i>		
<i>Surrogate: Chrysene-D12</i>	<i>45.4</i>		<i>ug/L</i>	<i>50.00</i>		<i>90.8</i>	<i>30-120</i>		



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory**

Project: NOAA -1208063

Project Number: 1208063

NVOA GCMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B210065									
LCS Dup (B210065-BSD1)									
1-Methylphenanthrene	52.8	5.0	ug/L	50.00		106	50-150	0.876	200
2,3,5-Trimethylnaphthalene	49.9	5.0	ug/L	50.00		99.8	50-150	2.45	200
2,6-Dimethylnaphthalene	43.5	5.0	ug/L	50.00		87.0	50-150	5.41	200
2-Methylnaphthalene	43.1	5.0	ug/L	50.00		86.2	50-150	8.95	200
Acenaphthene	39.0	5.0	ug/L	50.00		78.0	47-146	6.04	200
Acenaphthylene	40.0	5.0	ug/L	50.00		80.0	47-145	5.42	200
Anthracene	41.2	5.0	ug/L	50.00		82.4	27-133	0.702	200
Benzo(A)Anthracene	45.9	5.0	ug/L	50.00		91.8	33-143	1.66	200
Benzo(A)Pyrene	47.4	5.0	ug/L	50.00		94.7	17-163	0.841	200
Benzo(B)Fluoranthene	47.4	5.0	ug/L	50.00		94.8	24-159	1.24	200
Benzo(G,H,I)Perylene	42.8	5.0	ug/L	50.00		85.6	48-219	0.605	200
Benzo(K)Fluoranthene	45.4	5.0	ug/L	50.00		90.9	11-162	4.64	200
Chrysene	42.2	5.0	ug/L	50.00		84.5	17-168	8.56	200
Dibenzo(A,H)Anthracene	42.5	5.0	ug/L	50.00		85.0	49-227	0.141	200
Fluoranthene	46.2	5.0	ug/L	50.00		92.4	26-137	0.0866	200
Fluorene	44.2	5.0	ug/L	50.00		88.3	59-121	2.81	200
Indeno(1,2,3-Cd)Pyrene	40.2	5.0	ug/L	50.00		80.5	47-171	2.91	200
Naphthalene	36.2	5.0	ug/L	50.00		72.4	21-133	10.2	200
Phenanthrene	41.8	5.0	ug/L	50.00		83.7	54-120	2.43	200
1-Methylnaphthalene	39.8	5.0	ug/L	50.00		79.7	0-200	9.40	200
Benzo(E)Pyrene	51.5	5.0	ug/L	50.00		103	0-200	0.349	200
Biphenyl	43.9	5.0	ug/L	50.00		87.7	0-200	5.69	200
Perylene	53.6	5.0	ug/L	50.00		107	0-200	0.966	200
Pyrene	46.8	5.0	ug/L	50.00		93.7	52-115	0.426	200
<i>Surrogate: Naphthalene-D8</i>	<i>35.1</i>		ug/L	<i>50.00</i>		<i>70.2</i>	<i>30-120</i>		
<i>Surrogate: Anthracene-D10</i>	<i>39.4</i>		ug/L	<i>50.00</i>		<i>78.7</i>	<i>30-120</i>		
<i>Surrogate: Chrysene-D12</i>	<i>45.8</i>		ug/L	<i>50.00</i>		<i>91.6</i>	<i>30-120</i>		