

LSNReviews

From: Lietai Yang [ltyang@cnwra.swri.edu]
Sent: Tuesday, March 22, 2005 12:58 PM
To: Roberto Pabalan; Miriam Juckett
Subject: FW: preliminary sample results - TO#050119-1, SRR#27044
Attachments: 050119-1WC.xls; 050119-1WC.pdf

Here are the data for the anions of the three samples: Dust_Solid, Dust_Soluble, Whatman Paper (for background values).

-Lietai

-----Original Message-----

From: Valerie DeJesus [mailto:vdejesus@bams.ccf.swri.edu]
Sent: Monday, March 14, 2005 7:37 PM
To: Lietai Yang
Cc: Radonna S. Spies
Subject: preliminary sample results - TO#050119-1, SRR#27044

Attached are the preliminary results for the three samples received on 12/29/04, task order 050119-1, SRR 27044.
The report for IC is attached as an Excel (050119-1WC.xls) and PDF (050119-1WC.pdf) file.
More results will follow shortly.
If you have any questions, please contact Radonna Spies (522.3242).

Thank you,

Valerie DeJesus
Southwest Research Institute
Department of Analytical and Environmental Chemistry
Division 01
Phone 210-522-3129
Fax 210-522-5938

Properties Page

Return-path: <ltyang@cnwra.swri.edu>
Return-receipt-to: ltyang@cnwra.swri.edu
Disposition-notification-to: ltyang@cnwra.swri.edu
Received: from TOTO ([129.162.200.59])
by rogain.cnwra.swri.edu (Sun ONE Messaging Server 6.0 (built Oct 29 2003))
with ESMTP id <0IDR0071ZIZL4I10@rogain.cnwra.swri.edu>; Tue,
22 Mar 2005 10:54:57 -0600 (CST)
Date: Tue, 22 Mar 2005 10:57:45 -0600
From: Lietai Yang <ltyang@cnwra.swri.edu>
Subject: FW: preliminary sample results - TO#050119-1, SRR#27044
To: Roberto Pabalan <rpabalan@cnwra.swri.edu>,
Miriam Juckett <mjuckett@cnwra.swri.edu>
Message-id: <022d01c52f00\$45d5c470\$3bc8a281@TOTO>
MIME-version: 1.0
X-MIMEOLE: Produced By Microsoft MimeOLE V6.00.2800.1441
X-Mailer: Microsoft Outlook 8.5, Build 4.71.2173.0
Content-type: multipart/mixed;
boundary="-----_NextPart_000_022E_01C52ECD.FB3B5470"
Importance: Normal
X-Priority: 3 (Normal)
X-MSMail-priority: Normal

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

Sample ID

Dust-0404-T14/T3

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 12/29/04

Matrix: Dust

Project No.: 06002.01.211

Lab System ID: 257326

SRR: 27044

Task Order: 050119-1

Analysis	Sample Result (mg/Kg)	Reporting Limit (mg/Kg)
Bromide	<9.56	9.56
Chloride	<47.8	47.8
Fluoride	17.9	9.56
Nitrate-N	20.6	9.56
Nitrite-N	<9.56	9.56
Phosphate-P	413	9.56
Sulfate	94.8	9.56

SOUTHWEST RESEARCH INSTITUTE

LABORATORY CONTROL SAMPLE

Sample ID

LCSW

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Dust

Project No.: 06002.01.211

Lab System ID: NA

SRR: 27044

Task Order: 050119-1

Analysis	Sample Result (mg/Kg)	True Value (mg/Kg)	Recovery
Bromide	410	400	103%
Chloride	204	200	102%
Fluoride	97.8	100	97.8%
Nitrate-N	88.7	90.4	98.1%
Nitrite-N	98.8	100	98.8%
Phosphate-P	189	191	99.0%
Sulfate	405	400	101%

NA- Not Applicable.

SOUTHWEST RESEARCH INSTITUTE

BLANK SUMMARY

Sample ID

PBW

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Dust

Project No.: 06002.01.211

Lab System ID: NA

SRR: 27044

Task Order: 050119-1

Analysis	Sample Result (mg/Kg)	Reporting Limit (mg/Kg)
Bromide	<9.56	9.56
Chloride	<47.8	47.8
Fluoride	<9.56	9.56
Nitrate-N	<9.56	9.56
Nitrite-N	<9.56	9.56
Phosphate-P	<9.56	9.56
Sulfate	<9.56	9.56

NA- Not Applicable.

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

Sample ID

Dust-T14+T13 Soluble

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 12/29/04

Matrix: Filter

Project No.: 06002.01.211

Lab System ID: 257327

SRR: 27044

Task Order: 050119-1

Analysis	Sample Result (ug/sample)	Reporting Limit (ug/sample)
Bromide	3.33	2.5
Chloride	313	2.5
Fluoride	12.8	2.5
Nitrate-N	464	25
Nitrite-N	2.78	2.5
Phosphate-P	36.9	2.5
Sulfate	3780	25

SOUTHWEST RESEARCH INSTITUTE

DUPLICATE SUMMARY

Sample ID

Dust-T14+T13 Soluble

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 12/29/04

Matrix: Filter

Project No.: 06002.01.211

Lab System ID: 257327

SRR: 27044

Task Order: 050119-1

Analysis	Sample Result (ug/sample)	Duplicate Result (ug/sample)	RPD
Bromide	3.33	3.23	3.05%
Chloride	313	314	0.32%
Fluoride	12.8	12.5	2.37%
Nitrate-N	464	488	5.04%
Nitrite-N	2.78	2.90	4.23%
Phosphate-P	36.9	37.0	0.27%
Sulfate	3780	3920	3.64%

SOUTHWEST RESEARCH INSTITUTE

MATRIX SPIKE SUMMARY

Sample ID

Dust-T14+T13 Soluble

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 12/29/04

Matrix: Filter

Project No.: 06002.01.211

Lab System ID: 257327

SRR: 27044

Task Order: 050119-1

Analysis	Sample Result (ug/sample)	Spike Result (ug/sample)	Spike Added (ug/sample)	Recovery
Bromide	3.33	103	100	99.7%
Chloride	313	358	50.0	90.0%
Fluoride	12.8	33.5	25.0	82.8%
Nitrate-N	464	678	226	94.7%
Nitrite-N	2.78	27.4	25.0	98.5%
Phosphate-P	36.9	82.3	47.8	95.0%
Sulfate	3780	4720	1000	94.0%

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

Sample ID

Whatman Paper Blk.

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 12/29/04

Matrix: Filter

Project No.: 06002.01.211

Lab System ID: 257328

SRR: 27044

Task Order: 050119-1

Analysis	Sample Result (ug/sample)	Reporting Limit (ug/sample)
Bromide	<2.5	2.5
Chloride	30.7	2.5
Fluoride	<2.5	2.5
Nitrate-N	2.70	2.5
Nitrite-N	<2.5	2.5
Phosphate-P	<2.5	2.5
Sulfate	22.9	2.5

SOUTHWEST RESEARCH INSTITUTE

LABORATORY CONTROL SAMPLE

Sample ID

LCSW

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Filter

Project No.: 06002.01.211

Lab System ID: NA

SRR: 27044

Task Order: 050119-1

Analysis	Sample Result (ug/sample)	True Value (ug/sample)	Recovery
Bromide	401	400	100%
Chloride	195	200	97.5%
Fluoride	95.7	100	95.7%
Nitrate-N	86.3	90.4	95.5%
Nitrite-N	98.1	100	98.1%
Phosphate-P	186	191	97.4%
Sulfate	396	400	99.0%

NA- Not Applicable.

SOUTHWEST RESEARCH INSTITUTE

BLANK SUMMARY

Sample ID

PBW

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Filter

Project No.: 06002.01.211

Lab System ID: NA

SRR: 27044

Task Order: 050119-1

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Nitrite-N	<2.5	2.5
Phosphate-P	<2.5	2.5
Sulfate	<2.5	2.5

NA- Not Applicable.

Fluoride
Chloride
Nitrite-N
Bromide
Nitrate-N
Phosphate-P
Sulfate

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SAMPLE ANALYSIS DATA SHEET

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Client: Division 20

Lab Code: SwRI

Date Received: 12/29/04

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Project No.: 06002.01.211

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LABORATORY CONTROL SAMPLE

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Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

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Project No.: 06002.01.211

Lab System ID: NA

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Project No.: 06002.01.211

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

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Dust-T14+T13 Soluble

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Lab Code: SwRI

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Matrix: Filter

Project No.: 06002.01.211

Lab System ID: 257327

SRR: 27044

Task Order: 050119-1

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SOUTHWEST RESEARCH INSTITUTE

DUPLICATE SUMMARY

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SOUTHWEST RESEARCH INSTITUTE

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Whatman Paper Blk.

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Client: Division 20

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Matrix: Filter

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Sample ID

LCSW

Lab Name: Southwest Research Institute

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Lab Code: SwRI

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BLANK SUMMARY

Sample ID

PBW

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NA- Not Applicable.