

May 07, 2024

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

**Project Name - KMG - Miller 29N 18N 4N-24HZ
OSA**

Project Number - [none]

Attached are your analytical results for KMG - Miller 29N 18N 4N-24HZ OSA received by Origins Laboratory, Inc. May 06, 2024. This project is associated with Origins project number Y405152-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Miller 29N 18N 4N-24HZ OSA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
REL-B01@3"	Y405152-01	Soil	May 6, 2024 9:00	05/06/2024 13:58

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Miller 29N 18N 4N-24

Origins Laboratory

F-012207-01-R1
 Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: 7405152

Client: Tasman

Client Project ID: MILLER 29N, 18N 4N-24

Checklist Completed by: TOPP/CAO

Shipped Via: Hand Delivered

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 5/10/24

Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____

Cooler Number/Temperature: 1/10 °C / _____ °C / _____ °C / _____ °C (Describe)

Thermometer ID: 7005

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?		<input checked="" type="checkbox"/>		<u>SD</u>
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) COO

Date/Time Reviewed 5/10/24

Origins Laboratory, Inc.



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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Miller 29N 18N 4N-24HZ OSA

REL-B01@3"

5/6/2024 9:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y405152-01 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	704	25.0	mg/kg	1	B4E0602	ZZZ	05/06/2024	05/07/2024	
Residual Range Organics (C28-C40)	340	100	"	"	"	ZZZ	"	"	

Surrogate: *o*-Terphenyl 111 % 50-150 " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	8.08	0.0500	mg/kg	25	B4E0641	HKS	05/06/2024	05/06/2024	
1,3,5-Trimethylbenzene	6.81	0.0500	"	"	"	HKS	"	"	
Benzene	ND	0.0500	"	"	"	HKS	"	"	R-05, U
Ethylbenzene	ND	0.0500	"	"	"	HKS	"	"	R-05, U
Toluene	0.0510	0.0500	"	"	"	HKS	"	"	
Xylenes, total	15.4	0.0500	"	"	"	HKS	"	"	
Gasoline Range Hydrocarbons	1690	50.0	"	250	"	HKS	"	05/07/2024	

Surrogate: 1,2-Dichloroethane-d4 96.2 % 70-130 " " 05/06/2024
 Surrogate: Toluene-d8 147 % 70-130 " " " S-GC
 Surrogate: 4-Bromofluorobenzene 106 % 70-130 " " "

PAH by EPA 8270E

1-Methylnaphthalene	0.509	0.002	mg/kg	1	B4E0640	Windo	05/06/2024	05/06/2024	
2-Methylnaphthalene	1.20	0.020	"	10	"	Windo	"	05/07/2024	
Acenaphthene	0.102	0.020	"	1	"	Windo	"	05/06/2024	
Anthracene	ND	0.020	"	"	"	Windo	"	"	U

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Miller 29N 18N 4N-24HZ OSA

REL-B01@3"

5/6/2024 9:00:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y405152-01 (Soil)

PAH by EPA 8270E

Benzo (a) anthracene	ND	0.005	mg/kg	1	B4E0640	Windo	05/06/2024	05/06/2024	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	0.146	0.020	"	"	"	Windo	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Naphthalene	0.188	0.002	"	"	"	Windo	"	"	
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Surrogate: Fluorene-d10	101 %	60-130			"	"	"	
Surrogate: Anthracene-d10	94.2 %	60-130			"	"	"	
Surrogate: Pyrene-d10	87.9 %	60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	98.4 %	60-130			"	"	"	

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Miller 29N 18N 4N-24HZ OSA

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4E0602 - EPA 3550B										
Blank (B4E0602-BLK1)										
					Prepared: 05/06/2024 Analyzed: 05/07/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	23		"	24.9		91.3	50-150			

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Jen Pellegrini, Project Manager

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E0602 - EPA 3550B

LCS (B4E0602-BS1)

Prepared: 05/06/2024 Analyzed: 05/06/2024

Diesel (C10-C28)	1020	50.0	mg/kg	1000		102	70-130			
Residual Range Organics (C28-C40)	1100	200	"	1000		110	70-130			
Surrogate: o-Terphenyl	56		"	49.8		113	50-150			

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Andy Sagen
 Project Number: [none]
 Project: KMG - Miller 29N 18N 4N-24HZ OSA

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E0602 - EPA 3550B

Matrix Spike (B4E0602-MS1)	Source: Y405149-01			Prepared: 05/06/2024 Analyzed: 05/06/2024						
Diesel (C10-C28)	894	50.0	mg/kg	1000	ND	89.4	70-130			
Residual Range Organics (C28-C40)	1000	200	"	1000	ND	100	70-130			
Surrogate: o-Terphenyl	48		"	49.8		96.3	50-150			

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E0602 - EPA 3550B

Matrix Spike Dup (B4E0602-MSD1)	Source: Y405149-01			Prepared: 05/06/2024 Analyzed: 05/06/2024						
Diesel (C10-C28)	891	50.0	mg/kg	1000	ND	89.1	70-130	0.331	35	
Residual Range Organics (C28-C40)	1010	200	"	1000	ND	101	70-130	0.549	35	
Surrogate: o-Terphenyl	50		"	49.8		99.9	50-150			

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E0641 - EPA 5030 (soil)

Blank (B4E0641-BLK1)

Prepared: 05/06/2024 Analyzed: 05/06/2024

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.7	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		107	70-130			

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 Project Number: [none]
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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E0641 - EPA 5030 (soil)

LCS (B4E0641-BS1)

Prepared: 05/06/2024 Analyzed: 05/06/2024

1,2,4-Trimethylbenzene	0.108	0.00200	mg/kg	0.100		108	70-130			
1,3,5-Trimethylbenzene	0.110	0.00200	"	0.100		110	70-130			
Benzene	0.105	0.00200	"	0.100		105	70-130			
Ethylbenzene	0.107	0.00200	"	0.100		107	70-130			
Naphthalene	0.114	0.00380	"	0.100		114	70-130			
Toluene	0.104	0.00200	"	0.100		104	70-130			
o-Xylene	0.105	0.00200	"	0.100		105	70-130			
m,p-Xylene	0.212	0.00400	"	0.200		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.2	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E0641 - EPA 5030 (soil)

Matrix Spike (B4E0641-MS1)	Source: Y405149-01			Prepared: 05/06/2024 Analyzed: 05/06/2024						
1,2,4-Trimethylbenzene	0.0967	0.00200	mg/kg	0.100	ND	96.7	70-130			
1,3,5-Trimethylbenzene	0.0987	0.00200	"	0.100	ND	98.7	70-130			
Benzene	0.0971	0.00200	"	0.100	ND	97.1	70-130			
Ethylbenzene	0.0951	0.00200	"	0.100	ND	95.1	70-130			
Naphthalene	0.104	0.00380	"	0.100	ND	104	70-130			
Toluene	0.0948	0.00200	"	0.100	ND	94.8	70-130			
o-Xylene	0.0941	0.00200	"	0.100	ND	94.1	70-130			
m,p-Xylene	0.188	0.00400	"	0.200	ND	94.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.5	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.3	70-130			

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Andy Sagen
 Project Number: [none]
 Project: KMG - Miller 29N 18N 4N-24HZ OSA

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E0641 - EPA 5030 (soil)

Matrix Spike Dup (B4E0641-MSD1)	Source: Y405149-01	Prepared: 05/06/2024	Analyzed: 05/06/2024						
1,2,4-Trimethylbenzene	0.108	0.00200	mg/kg	0.100	ND	108	70-130	10.6	20
1,3,5-Trimethylbenzene	0.109	0.00200	"	0.100	ND	109	70-130	9.97	20
Benzene	0.106	0.00200	"	0.100	ND	106	70-130	8.75	20
Ethylbenzene	0.106	0.00200	"	0.100	ND	106	70-130	10.4	20
Naphthalene	0.121	0.00380	"	0.100	ND	121	70-130	14.8	20
Toluene	0.103	0.00200	"	0.100	ND	103	70-130	8.06	20
o-Xylene	0.105	0.00200	"	0.100	ND	105	70-130	11.0	20
m,p-Xylene	0.209	0.00400	"	0.200	ND	105	70-130	10.6	20
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.3	70-130		
Surrogate: Toluene-d8	0.12		"	0.125		98.1	70-130		
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.5	70-130		

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Andy Sagen
 Project Number: [none]
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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E0640 - EPA 3580

Blank (B4E0640-BLK1)

Prepared: 05/06/2024 Analyzed: 05/06/2024

1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	210		ug/kg	200		106	60-130			
Surrogate: Anthracene-d10	190		"	200		93.5	60-130			
Surrogate: Pyrene-d10	220		"	200		109	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		106	60-130			

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 Project Number: [none]
 Project: KMG - Miller 29N 18N 4N-24HZ OSA

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E0640 - EPA 3580

LCS (B4E0640-BS1)

Prepared: 05/06/2024 Analyzed: 05/06/2024

1-Methylnaphthalene	0.231	0.002	mg/kg	0.200		116	70-130			
2-Methylnaphthalene	0.229	0.002	"	0.200		115	70-130			
Acenaphthene	0.236	0.020	"	0.200		118	70-130			
Anthracene	0.215	0.020	"	0.200		107	70-130			
Benzo (a) anthracene	0.230	0.005	"	0.200		115	70-130			
Benzo (a) pyrene	0.232	0.020	"	0.200		116	70-130			
Benzo (b) fluoranthene	0.239	0.020	"	0.200		120	70-130			
Benzo (g,h,i) perylene	0.214	0.020	"	0.200		107	70-130			
Benzo (k) fluoranthene	0.205	0.020	"	0.200		103	70-130			
Chrysene	0.234	0.020	"	0.200		117	70-130			
Dibenz (a,h) anthracene	0.240	0.020	"	0.200		120	70-130			
Fluoranthene	0.210	0.020	"	0.200		105	70-130			
Fluorene	0.248	0.020	"	0.200		124	70-130			
Indeno (1,2,3-cd) pyrene	0.217	0.020	"	0.200		109	70-130			
Naphthalene	0.236	0.002	"	0.200		118	70-130			
Phenanthrene	0.232	0.020	"	0.200		116	70-130			
Pyrene	0.253	0.020	"	0.200		126	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		105	60-130			
Surrogate: Anthracene-d10	190		"	200		92.7	60-130			
Surrogate: Pyrene-d10	220		"	200		109	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

Matrix Spike (B4E0640-MS1)

Source: Y405148-01

Prepared: 05/06/2024 Analyzed: 05/07/2024

1-Methylnaphthalene	0.230	0.002	mg/kg	0.200	ND	115	70-130			
2-Methylnaphthalene	0.229	0.002	"	0.200	ND	115	70-130			
Acenaphthene	0.238	0.020	"	0.200	ND	119	70-130			
Anthracene	0.215	0.020	"	0.200	ND	107	70-130			

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Miller 29N 18N 4N-24HZ OSA

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E0640 - EPA 3580

Matrix Spike (B4E0640-MS1)		Source: Y405148-01			Prepared: 05/06/2024 Analyzed: 05/07/2024					
Benzo (a) anthracene	0.231	0.005	mg/kg	0.200	ND	116	70-130			
Benzo (a) pyrene	0.216	0.020	"	0.200	ND	108	70-130			
Benzo (b) fluoranthene	0.231	0.020	"	0.200	ND	116	70-130			
Benzo (g,h,i) perylene	0.218	0.020	"	0.200	ND	109	70-130			
Benzo (k) fluoranthene	0.214	0.020	"	0.200	0.0007	106	70-130			
Chrysene	0.226	0.020	"	0.200	ND	113	70-130			
Dibenz (a,h) anthracene	0.245	0.020	"	0.200	ND	123	70-130			
Fluoranthene	0.215	0.020	"	0.200	ND	107	70-130			
Fluorene	0.250	0.020	"	0.200	ND	125	70-130			
Indeno (1,2,3-cd) pyrene	0.221	0.020	"	0.200	0.002	109	70-130			
Naphthalene	0.237	0.002	"	0.200	ND	119	70-130			
Phenanthrene	0.224	0.020	"	0.200	ND	112	70-130			
Pyrene	0.221	0.020	"	0.200	ND	110	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		105	60-130			
Surrogate: Anthracene-d10	190		"	200		93.2	60-130			
Surrogate: Pyrene-d10	200		"	200		99.5	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

Matrix Spike Dup (B4E0640-MSD1)		Source: Y405148-01			Prepared: 05/06/2024 Analyzed: 05/06/2024					
1-Methylnaphthalene	0.232	0.002	mg/kg	0.200	ND	116	70-130	0.725	20	
2-Methylnaphthalene	0.230	0.002	"	0.200	ND	115	70-130	0.516	20	
Acenaphthene	0.236	0.020	"	0.200	ND	118	70-130	0.911	20	
Anthracene	0.224	0.020	"	0.200	ND	112	70-130	4.19	20	
Benzo (a) anthracene	0.227	0.005	"	0.200	ND	114	70-130	1.76	20	
Benzo (a) pyrene	0.229	0.020	"	0.200	ND	114	70-130	5.73	20	
Benzo (b) fluoranthene	0.226	0.020	"	0.200	ND	113	70-130	2.35	20	
Benzo (g,h,i) perylene	0.213	0.020	"	0.200	ND	106	70-130	2.31	20	

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Andy Sagen
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EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E0640 - EPA 3580

Matrix Spike Dup (B4E0640-MSD1)	Source: Y405148-01			Prepared: 05/06/2024 Analyzed: 05/06/2024						
Benzo (k) fluoranthene	0.218	0.020	mg/kg	0.200	0.0007	109	70-130	2.13	20	
Chrysene	0.226	0.020	"	0.200	ND	113	70-130	0.156	20	
Dibenz (a,h) anthracene	0.239	0.020	"	0.200	ND	119	70-130	2.75	20	
Fluoranthene	0.201	0.020	"	0.200	ND	100	70-130	6.82	20	
Fluorene	0.248	0.020	"	0.200	ND	124	70-130	0.635	20	
Indeno (1,2,3-cd) pyrene	0.215	0.020	"	0.200	0.002	106	70-130	2.76	20	
Naphthalene	0.237	0.002	"	0.200	ND	119	70-130	0.0223	20	
Phenanthrene	0.228	0.020	"	0.200	ND	114	70-130	1.45	20	
Pyrene	0.256	0.020	"	0.200	ND	128	70-130	14.7	20	
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			
Surrogate: Anthracene-d10	190		"	200		93.7	60-130			
Surrogate: Pyrene-d10	220		"	200		112	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		106	60-130			

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Notes and Definitions

- U Sample is Non-Detect.
- S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
- R-05 The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- All soil results are reported at a wet weight basis.

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Jen Pellegrini, Project Manager