ALS Environmental

Date: 08-May-24

Client:
Project: Spotlight Air Environmental
Work Order: **24041529**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
24041529-01	02-Wilbur and 5th, Champaign, IL;	Air		4/25/2024 05:35	4/30/2024 11:21	☐

ALS Environmental

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Case Narrative

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Samples were prepared and analyzed by the analytical method and the laboratory's applicable standard operating procedure listed below:
- IH-7300 modified- "Elements by ICP."

ALS is an EPA recognized NLLAP laboratory for lead paint, soil, and dust wipe analyses under its AIHA-LAP accreditation.

All sampling information was provided by the client.
Sampling was conducted on April 25 at 5:35 a.m. to 1:35 p.m.

ALS Environmental

Date: *08-May-24*

Client:

Work Order: 24041529

Project: Spotlight Air Environmental

Analytical Results

Lab ID: 24041529-01A **Collection Date:** 4/25/2024 5:35:00 AM

Client Sample ID: 02-Wilbur and 5th, Champaign, IL; **Matrix:** AIR

Analyses

METALS BY NIOSH 7300 MOD. Method:**N7300** Air Volume (L): **964.8** Analyst: **SLT**

Date Analyzed: 5/2/2024 15:21

	µg/sample	Reporting Limit µg/sample	mg/m3
Antimony	ND	1.0	<0.0010
Arsenic	ND	1.0	<0.0010
Barium	ND	1.0	<0.0010
Beryllium	ND	0.020	<0.000021
Cadmium	ND	0.10	<0.00010
Chromium	ND	1.0	<0.0010
Cobalt	ND	1.0	<0.0010
Copper	ND	1.0	<0.0010
Iron	ND	10	<0.010
Lead	ND	0.20	<0.00021
Manganese	ND	1.0	<0.0010
Nickel	ND	1.0	<0.0010
Phosphorus	ND	1.0	<0.0010
Selenium	ND	1.0	<0.0010
Strontium	ND	10	<0.010
Tellurium	ND	2.0	<0.0021
Tin	ND	1.0	<0.0010
Zinc	ND	10	<0.010

Note:

Batch ID: **98584** Instrument ID **ICP4** Method: **N7300**

MBLK Sample ID: **MBLK-98584-98584** Units: **µg/sample** Analysis Date: **5/2/2024 03:13 PM**

Client ID: Run ID: **ICP4_240502C** SeqNo: **3378948** Prep Date: **5/2/2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	ND	1.0								
Arsenic	ND	1.0								
Barium	ND	1.0								
Beryllium	ND	0.020								
Cadmium	ND	0.10								
Chromium	ND	1.0								
Cobalt	ND	1.0								
Copper	ND	1.0								
Iron	ND	10								
Lead	ND	0.20								
Manganese	ND	1.0								
Nickel	ND	1.0								
Phosphorus	ND	1.0								
Selenium	ND	1.0								
Strontium	ND	10								
Tellurium	ND	2.0								
Tin	ND	1.0								
Zinc	ND	10								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client:
Work Order: 24041529
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QC BATCH REPORT

Batch ID: **98584** Instrument ID **ICP4** Method: **N7300**

LCS Sample ID: **LCS-98584-98584** Units: **µg/sample** Analysis Date: **5/2/2024 03:16 PM**

Client ID: Run ID: **ICP4_240502C** SeqNo: **3378950** Prep Date: **5/2/2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	17.61	1.0	20	0	88.1	77.6-113	0			
Arsenic	18.62	1.0	20	0	93.1	77.2-114	0			
Barium	19.61	1.0	20	0	98	80.9-114	0			
Beryllium	18.23	0.020	20	0	91.1	78.1-113	0			
Cadmium	19.17	0.10	20	0	95.9	76-128	0			
Chromium	19.2	1.0	20	0	96	79.7-128	0			
Cobalt	18.33	1.0	20	0	91.7	82.9-112	0			
Copper	18.98	1.0	20	0	94.9	81-141	0			
Iron	17.84	10	20	0	89.2	69.3-130	0			
Lead	18.34	0.20	20	0	91.7	72.4-124	0			
Manganese	19.17	1.0	20	0	95.8	83.3-122	0			
Nickel	19.45	1.0	20	0	97.2	74.1-124	0			
Phosphorus	18.49	1.0	20	0	92.4	80-120	0			
Selenium	19.33	1.0	20	0	96.7	85.7-124	0			
Strontium	18.65	10	20	0	93.2	80-120	0			
Tellurium	18.39	2.0	20	0	92	86.3-117	0			
Tin	18.25	1.0	20	0	91.2	65.9-115	0			
Zinc	19.86	10	20	0	99.3	77.5-121	0			

LCSD Sample ID: **LCSD-98584-98584** Units: **µg/sample** Analysis Date: **5/2/2024 03:18 PM**

Client ID: Run ID: **ICP4_240502C** SeqNo: **3378951** Prep Date: **5/2/2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	17.17	1.0	20	0	85.9	77.6-113	17.61	2.54	20	
Arsenic	18.44	1.0	20	0	92.2	77.2-114	18.62	1	20	
Barium	19.41	1.0	20	0	97.1	80.9-114	19.61	0.994	20	
Beryllium	17.7	0.020	20	0	88.5	78.1-113	18.23	2.96	20	
Cadmium	18.82	0.10	20	0	94.1	76-128	19.17	1.85	20	
Chromium	18.68	1.0	20	0	93.4	79.7-128	19.2	2.71	20	
Cobalt	17.88	1.0	20	0	89.4	82.9-112	18.33	2.5	20	
Copper	18.49	1.0	20	0	92.5	81-141	18.98	2.59	20	
Iron	17.07	10	20	0	85.3	69.3-130	17.84	4.41	20	
Lead	18.38	0.20	20	0	91.9	72.4-124	18.34	0.251	20	
Manganese	18.69	1.0	20	0	93.5	83.3-122	19.17	2.51	20	
Nickel	18.85	1.0	20	0	94.3	74.1-124	19.45	3.09	20	
Phosphorus	18.51	1.0	20	0	92.5	80-120	18.49	0.0973	20	
Selenium	19.22	1.0	20	0	96.1	85.7-124	19.33	0.602	20	
Strontium	18.45	10	20	0	92.3	80-120	18.65	1.07	20	
Tellurium	18.93	2.0	20	0	94.7	86.3-117	18.39	2.9	20	
Tin	18.22	1.0	20	0	91.1	65.9-115	18.25	0.165	20	
Zinc	19.42	10	20	0	97.1	77.5-121	19.86	2.22	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client:
Work Order: 24041529
Project: Spotlight Air Environmental

QC BATCH REPORT

Batch ID: **98584** Instrument ID **ICP4** Method: **N7300**

The following samples were analyzed in this batch: 24041529-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Date: 08-May-24

Client:
Project: Spotlight Air Environmental
WorkOrder: **24041529**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/sample	

ALS Environmental

Sample Receipt Checklist

Client Name: Date/Time Received: **30-Apr-24 11:21**

Work Order: **24041529** Received by: **CA**

Checklist completed by Chantel.Allen 01-May-24 Reviewed by: Danielle Strasinger 03-May-24
eSignature Date eSignature Date

Matrices: Air
Carrier name: UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):			
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	5/1/2024 13:00		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction: