



Airborne Metals Concentration by Inductively-Coupled Plasma Analysis (ICP) NIOSH Method 7300



Client: Scientific Analytical Institute, Inc.
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Greensboro, NC 27407
Project: 65-12-184

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Lab Order ID: 1407257
Date Received: 4/24/2014
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Sample ID	Description	Volume (L)	Element	Analytical Sensitivity (µg/m ³)	Concentration (µg/m ³)
Lab Sample ID	Lab Notes				
1	Torch cutting metal beams & metal pipes		Al	2.68	56.2
			Be	0.054	<0.054
			Cd	0.053	0.198
			Co	0.265	2.82
			Cr	0.266	1.40
			Cu	0.265	23.9
			Fe	26.5	2030
			Mn	0.107	19.9
			Mo	0.265	1.51
			Ni	0.267	12.0
			Pb	0.269	9.00
			Sb	1.35	<1.35
			Ti	0.274	3.92
1407257IPA_1			V	0.264	57.8
			Zn	0.266	48.2
2	Torch cutting metal duct work		Al	2.68	2050
			Be	0.054	<0.054
			Cd	0.053	<0.053
			Co	0.265	0.436
			Cr	0.266	0.584
			Cu	0.265	5.39
			Fe	26.5	382
			Mn	0.107	4.03
			Mo	0.265	0.349
			Ni	0.267	3.86
			Pb	0.269	3.19
			Sb	1.35	<1.35
			Ti	0.274	1.84
1407257IPA_2			V	0.264	19.2
			Zn	0.266	10.9

Melissa Sharps

Analyst

Lab Director

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