

Quantitative Analysis - Summary Report

Sample ID: Nga (3)

Sample Date/Time: Wednesday, September 16, 2009 15:12:49

Sample Description:

Solution Type: Sample

Blank File: C:\Elandata\DataSet\Tien Duc\Duc - 16.09.09\blank.012

Number of Replicates: 2

Peak Processing Mode: Average

Signal Profile Processing Mode: Average

Dual Detector Mode: Dual

Dead Time (ns): 65

Sample File: C:\Elandata\Sample\PTDuc-sample\Quant 28 ele -Duc- 16-09-2009 lan 2.sam

Method File: C:\Elandata\Method\PTDuc- Method\Quant 28 Elem - Duc - 16-09-2009.mth

Dataset File: C:\Elandata\DataSet\Tien Duc\Duc - 16.09.09\Nga (3).023

Tuning File: C:\Elandata\Tuning\default.tun

Optimization File: C:\Elandata\Optimize\default.dac

Calibration File:

Calibration Type: External Calibration

Summary

Intensities

Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Blank Intensity	Blank Intens. RSD
Al	27	11773249	15.442	27719.397	29.474
V	51	14358	7.628	22783.865	8.780
Cr	52	14070	7.542	5778.847	8.365
Mn	55	151176	8.242	756.037	3.119
Fe	57	979042	6.976	3315.382	4.103
Co	59	1758	0.322	87.334	4.767
Ni	60	4664	5.491	193.336	4.181
Cu	63	14179075	0.716	617.358	4.874
Zn	66	4737263	7.649	988.064	8.946
Ga	69	6228	2.750	535.352	8.852
As	75	436	11.677	640.027	8.403
Se	82	-47	3.715	-8.517	62.514
Ag	107	635064	5.259	558.020	4.928
Cd	111	233	1.821	20.667	43.638
In	115	2330	37.265	133.029	17.341
Ba	138	50651	1.238	868.476	4.887
Hg	202	291	2.430	270.005	3.849
Tl	205	536	1.055	46.000	19.924
Pb	208	5089210	0.420	1889.566	2.938
Bi	209	21785	9.895	786.707	6.312
U	238	183	8.501	177.335	8.313
Sn	118	694054	5.569	1114.087	35.338
P	31	5650	3.206	7001.205	9.779
Sb	121	4885	8.083	116.001	9.600

Concentration Results

Analyte	Mass	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample Unit
Al	27	11745529.760	4769.875	738.29	15.5	ug/L

V	51	-8425.437	-1.905	0.25	13.0	ug/L
Cr	52	8291.046	2.081	0.27	12.8	ug/L
Mn	55	150419.929	30.685	2.54	8.3	ug/L
Fe	57	975727.003	8327.572	582.93	7.0	ug/L
Co	59	1670.867	0.362	0.00	0.3	ug/L
Ni	60	4471.080	4.244	0.24	5.7	ug/L
Cu	63	14178457.887	6154.934	44.08	0.7	ug/L
Zn	66	4736274.759	9050.134	692.38	7.7	ug/L
Ga	69	5692.169	1.421	0.04	3.0	ug/L
As	75	-204.014	-0.283	0.07	25.0	ug/L
Se	82	-38.505	-0.566	0.03	4.5	ug/L
Ag	107	634505.746	210.408	11.07	5.3	ug/L
Cd	111	212.337	0.263	0.01	2.0	ug/L
In	115	2197.310	0.236	0.09	39.5	ug/L
Ba	138	49782.055	5.379	0.07	1.3	ug/L
Hg	202	21.001	0.105	0.04	33.7	ug/L
Tl	205	490.019	0.068	0.00	1.2	ug/L
Pb	208	5087320.044	983.238	4.13	0.4	ug/L
Bi	209	20998.248	2.740	0.28	10.3	ug/L
U	238	5.667	0.001	0.00	274.5	ug/L
Sn	118	692940.095	348.362	19.43	5.6	ug/L
P	31	-1351.130	-11.796	1.58	13.4	ug/L
Sb	121	4768.555	329.431	27.28	8.3	ug/L