

Quantitative Analysis - Summary Report

Sample ID: Nga (2)

Sample Date/Time: Wednesday, September 16, 2009 15:09:53

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 (2).022

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	137789	31.499	27719.397	29.474
V	51	11415	13.128	22783.865	8.780
Cr	52	59596	4.974	5778.847	8.365
Mn	55	370641	8.637	756.037	3.119
Fe	57	1662586	10.432	3315.382	4.103
Co	59	52503	7.154	87.334	4.767
Ni	60	1251307	0.449	193.336	4.181
Cu	63	34329797	4.618	617.358	4.874
Zn	66	10657	4.970	988.064	8.946
Ga	69	1802	5.494	535.352	8.852
As	75	498	3.976	640.027	8.403
Se	82	-4	1094.213	-8.517	62.514
Ag	107	44916	4.013	558.020	4.928
Cd	111	489	7.809	20.667	43.638
In	115	2064	10.665	133.029	17.341
Ba	138	4057	6.770	868.476	4.887
Hg	202	501	2.541	270.005	3.849
Tl	205	101	1.400	46.000	19.924
Pb	208	1535997	5.988	1889.566	2.938
Bi	209	12420	1.140	786.707	6.312
U	238	71	5.976	177.335	8.313
Sn	118	428989	8.005	1114.087	35.338
P	31	1526	20.761	7001.205	9.779
Sb	121	7036	4.929	116.001	9.600

Concentration Results

Analyte	Mass	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample Unit
Al	27	110069.329	44.699	17.63	39.4	ug/L

V	51	-11369.329	-2.571	0.34	13.2	ug/L
Cr	52	53817.406	13.506	0.74	5.5	ug/L
Mn	55	369885.282	75.454	6.53	8.7	ug/L
Fe	57	1659270.652	14161.437	1480.22	10.5	ug/L
Co	59	52415.688	11.353	0.81	7.2	ug/L
Ni	60	1251113.175	1187.448	5.33	0.4	ug/L
Cu	63	34329179.791	14902.455	688.14	4.6	ug/L
Zn	66	9669.323	18.476	1.01	5.5	ug/L
Ga	69	1266.859	0.316	0.02	7.8	ug/L
As	75	-142.011	-0.197	0.03	13.9	ug/L
Se	82	4.621	0.068	0.63	922.4	ug/L
Ag	107	44357.836	14.710	0.60	4.1	ug/L
Cd	111	468.349	0.581	0.05	8.2	ug/L
In	115	1931.090	0.208	0.02	11.4	ug/L
Ba	138	3188.989	0.345	0.03	8.6	ug/L
Hg	202	231.012	1.152	0.06	5.5	ug/L
Tl	205	55.001	0.008	0.00	2.6	ug/L
Pb	208	1534107.857	296.501	17.78	6.0	ug/L
Bi	209	11633.312	1.518	0.02	1.2	ug/L
U	238	-106.335	-0.012	0.00	4.0	ug/L
Sn	118	427874.739	215.106	17.26	8.0	ug/L
P	31	-5475.050	-47.799	2.77	5.8	ug/L
Sb	121	6920.220	478.076	23.96	5.0	ug/L