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=====
      1 2 2021 15.115.22=====
      1 2 2021 15.115.22\=====
      1 2 2021 15.115.22=====
      1 2 2021 15.23.58=====
      1 2 2021 15.23.58=====
      1 2 2021 15.27.16=====
Nebulizer Parameters: Pd01-----

```

Analyte	Back Pressure	Flow
All	257.0 kPa	0.70 L/min

Replicate Data: Pd01

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Pd 248.892	30033.5	32418.9	[0.249975]	mg/L	15:28:27
2	Pd 248.892	30671.8	33057.2	[0.249975]	mg/L	15:28:32
3	Pd 248.892	30025.3	32410.8	[0.249975]	mg/L	15:28:37

Mean Data: Pd01

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib. Units
Pd 248.892	32629.0	370.91	1.14%	[0.249975]	mg/L

Sequence No.: 3
Sample ID: Pd02
Analyst:
Initial Sample Wt:
Dilution:
Wash Time (before sample): 30

Autosampler Location: 11
Date Collected: 17.12.2021 15:29:20
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Pd02

Analyte	Back Pressure	Flow
All	258.0 kPa	0.70 L/min

Replicate Data: Pd02

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Pd 248.892	238685.6	241071.1	[2.49975]	mg/L	15:30:29
2	Pd 248.892	241477.9	243863.3	[2.49975]	mg/L	15:30:34
3	Pd 248.892	241493.5	243879.0	[2.49975]	mg/L	15:30:40

Mean Data: Pd02

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib. Units
Pd 248.892	242937.8	1616.62	0.67%	[2.49975]	mg/L

Sequence No.: 4
Sample ID: Pd03
Analyst:
Initial Sample Wt:
Dilution:
Wash Time (before sample): 30

Autosampler Location: 12
Date Collected: 17.12.2021 15:31:23
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Pd03

Analyte	Back Pressure	Flow
All	258.0 kPa	0.70 L/min

Replicate Data: Pd03

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Pd 248.892	2212266.3	2214651.8	[24.9975]	mg/L	15:32:34
2	Pd 248.892	2183928.3	2186313.8	[24.9975]	mg/L	15:32:37
3	Pd 248.892	2186678.7	2189064.1	[24.9975]	mg/L	15:32:41

Mean Data: Pd03

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib. Units
Pd 248.892	2196676.6	15627.63	0.71%	[24.9975]	mg/L

Sequence No.: 5
Sample ID: Pd04

Autosampler Location: 13
Date Collected: 17.12.2021 15:33:22

Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:
Wash Time (before sample): 30

Nebulizer Parameters: Pd04

Analyte	Back Pressure	Flow
All	258.0 kPa	0.70 L/min

Replicate Data: Pd04

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Pd 248.892	23569948.3	23572333.7	[249.975]	mg/L	15:34:34
2	Pd 248.892	23682873.4	23685258.8	[249.975]	mg/L	15:34:38
3	Pd 248.892	23502268.2	23504653.6	[249.975]	mg/L	15:34:42

Mean Data: Pd04

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib. Units
Pd 248.892	23587415.4	91242.28	0.39%	[249.975]	mg/L

Sequence No.: 6
Sample ID: Ni01
Analyst: Autosampler Location: 14
Initial Sample Wt: Date Collected: 17.12.2021 15:35:25
Dilution: Data Type: Original
Wash Time (before sample): 30 Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Ni01

Analyte	Back Pressure	Flow
All	258.0 kPa	0.70 L/min

Replicate Data: Ni01

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Ni 231.604	90888.9	87687.1	[0.05]	mg/L	15:36:36
2	Ni 231.604	89757.3	86555.5	[0.05]	mg/L	15:36:42
3	Ni 231.604	87871.3	84669.5	[0.05]	mg/L	15:36:46

Mean Data: Ni01

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib. Units
Ni 231.604	86304.0	1524.44	1.77%	[0.05]	mg/L

Sequence No.: 7
Sample ID: Ni02
Analyst: Autosampler Location: 15
Initial Sample Wt: Date Collected: 17.12.2021 15:37:28
Dilution: Data Type: Original
Wash Time (before sample): 30 Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Ni02

Analyte	Back Pressure	Flow
All	258.0 kPa	0.70 L/min

Replicate Data: Ni02

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Ni 231.604	454423.8	451222.0	[0.5]	mg/L	15:38:37
2	Ni 231.604	455031.2	451829.4	[0.5]	mg/L	15:38:40
3	Ni 231.604	446765.4	443563.6	[0.5]	mg/L	15:38:44

Mean Data: Ni02

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc. Units
Ni 231.604	448871.7	4606.91	1.03%	[0.5] mg/L

Sequence No.: 8
Sample ID: Ni03
Analyst:
Initial Sample Wt:
Dilution:
Wash Time (before sample): 30

Autosampler Location: 16
Date Collected: 17.12.2021 15:39:25
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Ni03

Analyte	Back Pressure	Flow
All	259.0 kPa	0.70 L/min

Replicate Data: Ni03

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Analysis Time
1	Ni 231.604	3576519.6	3573317.8	[5] mg/L	15:40:35
2	Ni 231.604	3616151.9	3612950.1	[5] mg/L	15:40:37
3	Ni 231.604	3590996.0	3587794.2	[5] mg/L	15:40:39

Mean Data: Ni03

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc. Units
Ni 231.604	3591354.0	20054.51	0.56%	[5] mg/L

Sequence No.: 9
Sample ID: Ni04
Analyst:
Initial Sample Wt:
Dilution:
Wash Time (before sample): 30

Autosampler Location: 17
Date Collected: 17.12.2021 15:41:19
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Ni04

Analyte	Back Pressure	Flow
All	261.0 kPa	0.70 L/min

Replicate Data: Ni04

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Analysis Time
1	Ni 231.604	7263071.9	7259870.1	[10] mg/L	15:42:27
2	Ni 231.604	7208284.3	7205082.5	[10] mg/L	15:42:29
3	Ni 231.604	7294891.4	7291689.6	[10] mg/L	15:42:30

Mean Data: Ni04

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc. Units
Ni 231.604	7252214.1	43808.20	0.60%	[10] mg/L

Sequence No.: 10
Sample ID: Zn01
Analyst:
Initial Sample Wt:
Dilution:
Wash Time (before sample): 30

Autosampler Location: 14
Date Collected: 17.12.2021 15:43:11
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Zn01

Analyte	Back Pressure	Flow
All	260.0 kPa	0.70 L/min

Replicate Data: Zn01

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Analysis Time
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Repl#	Analyte	Intensity	Intensity	Conc. Units	Time
1	Zn 213.857	866797.8	833836.2	[0.25] mg/L	15:44:22
2	Zn 213.857	869138.7	836177.1	[0.25] mg/L	15:44:27
3	Zn 213.857	852737.2	819775.5	[0.25] mg/L	15:44:29

Mean Data: Zn01

		Mean Corrected				Calib
Analyte	Intensity	Std.Dev.	RSD	Conc. Units		
Zn 213.857	829929.6	8871.22	1.07%	[0.25] mg/L		

=====

Sequence No.: 11	Autosampler Location: 15
Sample ID: Zn02	Date Collected: 17.12.2021 15:45:09
Analyst:	Data Type: Original
Initial Sample Wt:	Initial Sample Vol:
Dilution:	Sample Prep Vol:
Wash Time (before sample): 30	

Nebulizer Parameters: Zn02

Analyte	Back Pressure	Flow
All	261.0 kPa	0.70 L/min

Replicate Data: Zn02

		Net	Corrected	Calib.	Analysis
Repl#	Analyte	Intensity	Intensity	Conc. Units	Time
1	Zn 213.857	4258010.8	4225049.2	[2.5] mg/L	15:46:18
2	Zn 213.857	4283108.4	4250146.8	[2.5] mg/L	15:46:20
3	Zn 213.857	4258572.1	4225610.5	[2.5] mg/L	15:46:23

Mean Data: Zn02

		Mean Corrected				Calib
Analyte	Intensity	Std.Dev.	RSD	Conc. Units		
Zn 213.857	4233602.1	14330.83	0.34%	[2.5] mg/L		

=====

Sequence No.: 12	Autosampler Location: 16
Sample ID: Zn03	Date Collected: 17.12.2021 15:47:03
Analyst:	Data Type: Original
Initial Sample Wt:	Initial Sample Vol:
Dilution:	Sample Prep Vol:
Wash Time (before sample): 30	

Nebulizer Parameters: Zn03

Analyte	Back Pressure	Flow
All	261.0 kPa	0.70 L/min

Replicate Data: Zn03

		Net	Corrected	Calib.	Analysis
Repl#	Analyte	Intensity	Intensity	Conc. Units	Time
1	Zn 213.857	30488362.0	30455400.4	[25] mg/L	15:48:12
2	Zn 213.857	31167052.4	31134090.7	[25] mg/L	15:48:17
3	Zn 213.857	30516109.3	30483147.7	[25] mg/L	15:48:19

Mean Data: Zn03

		Mean Corrected				Calib
Analyte	Intensity	Std.Dev.	RSD	Conc. Units		
Zn 213.857	30690879.6	384082.75	1.25%	[25] mg/L		

=====

Sequence No.: 13	Autosampler Location: 17
Sample ID: Zn04	Date Collected: 17.12.2021 15:49:00
Analyst:	Data Type: Original
Initial Sample Wt:	Initial Sample Vol:
Dilution:	Sample Prep Vol:
Wash Time (before sample): 30	

Nebulizer Parameters: Zn04

Analyte	Back Pressure	Flow
All	261.0 kPa	0.70 L/min

Replicate Data: Zn04

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Zn 213.857	56056310.8	56023349.2	[50] mg/L		15:50:10
2	Zn 213.857	56398780.0	56365818.3	[50] mg/L		15:50:13
3	Zn 213.857	56650526.7	56617565.0	[50] mg/L		15:50:18

Mean Data: Zn04

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib
Zn 213.857	56335577.5	298259.97	0.53%	[50] mg/L	

Sequence No.: 14

Sample ID: Fe01

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 14

Date Collected: 17.12.2021 15:50:59

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: Fe01

Analyte	Back Pressure	Flow
All	261.0 kPa	0.70 L/min

Replicate Data: Fe01

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Fe 238.863	265369.7	271860.4	[0.25] mg/L		15:52:09
2	Fe 238.863	263047.5	269538.2	[0.25] mg/L		15:52:14
3	Fe 238.863	253939.8	260430.4	[0.25] mg/L		15:52:19

Mean Data: Fe01

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib
Fe 238.863	267276.3	6041.36	2.26%	[0.25] mg/L	

Sequence No.: 15

Sample ID: Fe02

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 15

Date Collected: 17.12.2021 15:53:00

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: Fe02

Analyte	Back Pressure	Flow
All	261.0 kPa	0.70 L/min

Replicate Data: Fe02

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Fe 238.863	1386268.4	1392759.1	[2.5] mg/L		15:54:09
2	Fe 238.863	1403191.4	1409682.1	[2.5] mg/L		15:54:13
3	Fe 238.863	1365136.0	1371626.6	[2.5] mg/L		15:54:14

Mean Data: Fe02

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib
Fe 238.863	1391355.9	19066.48	1.37%	[2.5] mg/L	

Initialize Optics completed successfully

Sequence No.: 16

Sample ID: Fe03

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 16

Date Collected: 17.12.2021 16:01:04

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: Fe03

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: Fe03

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Fe 238.863	11238315.8	11244806.4	[25] mg/L		16:02:17
2	Fe 238.863	11111502.1	11117992.8	[25] mg/L		16:02:20
3	Fe 238.863	11063850.5	11070341.2	[25] mg/L		16:02:23

Mean Data: Fe03

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib
Fe 238.863	11144380.1	90176.22	0.81%	[25] mg/L	

=====

Sequence No.: 17

Sample ID: Fe04

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 17

Date Collected: 17.12.2021 16:03:03

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: Fe04

Analyte	Back Pressure	Flow
All	262.0 kPa	0.70 L/min

Replicate Data: Fe04

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Fe 238.863	22808981.9	22815472.6	[50] mg/L		16:04:12
2	Fe 238.863	22727494.7	22733985.4	[50] mg/L		16:04:15
3	Fe 238.863	22897751.3	22904241.9	[50] mg/L		16:04:18

Mean Data: Fe04

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib
Fe 238.863	22817900.0	85154.23	0.37%	[50] mg/L	

=====

Sequence No.: 18

Sample ID: Cd01

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 14

Date Collected: 17.12.2021 16:04:58

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: Cd01

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: Cd01

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	Cd 228.802	92423.8	92430.4	[0.025] mg/L		16:06:08
2	Cd 228.802	90675.5	90682.1	[0.025] mg/L		16:06:13
3	Cd 228.802	89056.4	89063.0	[0.025] mg/L		16:06:17

Mean Data: Cd01

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc. Units
Cd 228.802	90725.2	1684.13	1.86%	[0.025] mg/L

=====

Sequence No.: 19	Autosampler Location: 15
Sample ID: Cd02	Date Collected: 17.12.2021 16:06:59
Analyst:	Data Type: Original
Initial Sample Wt:	Initial Sample Vol:
Dilution:	Sample Prep Vol:
Wash Time (before sample): 30	

Nebulizer Parameters: Cd02

Analyte	Back Pressure	Flow
All	262.0 kPa	0.70 L/min

Replicate Data: Cd02

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Analysis Time
1	Cd 228.802	466002.0	466008.6	[0.25] mg/L	16:08:09
2	Cd 228.802	458001.9	458008.5	[0.25] mg/L	16:08:12
3	Cd 228.802	457712.4	457719.0	[0.25] mg/L	16:08:15

Mean Data: Cd02

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc. Units
Cd 228.802	460578.7	4704.64	1.02%	[0.25] mg/L

=====

Sequence No.: 20	Autosampler Location: 16
Sample ID: Cd03	Date Collected: 17.12.2021 16:08:56
Analyst:	Data Type: Original
Initial Sample Wt:	Initial Sample Vol:
Dilution:	Sample Prep Vol:
Wash Time (before sample): 30	

Nebulizer Parameters: Cd03

Analyte	Back Pressure	Flow
All	262.0 kPa	0.70 L/min

Replicate Data: Cd03

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Analysis Time
1	Cd 228.802	3594630.1	3594636.6	[2.5] mg/L	16:10:05
2	Cd 228.802	3579374.8	3579381.4	[2.5] mg/L	16:10:07
3	Cd 228.802	3513540.1	3513546.7	[2.5] mg/L	16:10:10

Mean Data: Cd03

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc. Units
Cd 228.802	3562521.6	43093.92	1.21%	[2.5] mg/L

=====

Sequence No.: 21	Autosampler Location: 17
Sample ID: Cd04	Date Collected: 17.12.2021 16:10:50
Analyst:	Data Type: Original
Initial Sample Wt:	Initial Sample Vol:
Dilution:	Sample Prep Vol:
Wash Time (before sample): 30	

Nebulizer Parameters: Cd04

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: Cd04

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Analysis Time
1	Cd 228.802	7125964.7	7125971.3	[5] mg/L	16:11:58
2	Cd 228.802	7183515.9	7183522.5	[5] mg/L	16:12:00
3	Cd 228.802	7173464.4	7173471.0	[5] mg/L	16:12:03

Mean Data: Cd04

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib. Conc. Units
Cd 228.802	7160988.2	30739.22	0.43%	[5] mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Pd 248.892	4	Lin, Calc Int	-33938.9	94440	0.00000	0.999974	
Ni 231.604	4	Lin, Calc Int	38266.6	719400	0.00000	0.999918	
Zn 213.857	4	Lin, Calc Int	922180.7	1125000	0.00000	0.999048	
Fe 238.863	4	Lin, Calc Int	93439.4	452100	0.00000	0.999850	
Cd 228.802	4	Lin, Calc Int	46890.0	1420000	0.00000	0.999909	

Sequence No.: 22

Sample ID: M1

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 18

Date Collected: 17.12.2021 16:12:43

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: M1

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: M1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	448424.5	450810.0	5.133 mg/L	5.133 mg/L	16:13:53
1	Ni 231.604	3970416.7	3967214.9	5.461 mg/L	5.461 mg/L	16:13:58
1	Zn 213.857	7173993.9	7141032.2	5.527 mg/L	5.527 mg/L	16:14:03
1	Fe 238.863	2293022.2	2299512.9	4.879 mg/L	4.879 mg/L	16:14:09
1	Cd 228.802	6786153.4	6786160.0	4.746 mg/L	4.746 mg/L	16:14:12
2	Pd 248.892	443750.8	446136.2	5.083 mg/L	5.083 mg/L	16:14:17
2	Ni 231.604	3873529.6	3870327.8	5.326 mg/L	5.326 mg/L	16:14:22
2	Zn 213.857	7117431.9	7084470.2	5.477 mg/L	5.477 mg/L	16:14:27
2	Fe 238.863	2359168.4	2365659.0	5.026 mg/L	5.026 mg/L	16:14:32
2	Cd 228.802	6894838.1	6894844.7	4.823 mg/L	4.823 mg/L	16:14:35
3	Pd 248.892	444097.5	446482.9	5.087 mg/L	5.087 mg/L	16:14:40
3	Ni 231.604	3885674.1	3882472.3	5.343 mg/L	5.343 mg/L	16:14:45
3	Zn 213.857	7168335.5	7135373.9	5.522 mg/L	5.522 mg/L	16:14:49
3	Fe 238.863	2299750.8	2306241.4	4.894 mg/L	4.894 mg/L	16:14:53
3	Cd 228.802	6828048.8	6828055.4	4.776 mg/L	4.776 mg/L	16:14:57

Mean Data: M1

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	447809.7	5.101 mg/L	0.0276	5.101 mg/L	0.0276	0.54%
Ni 231.604	3906671.7	5.377 mg/L	0.0734	5.377 mg/L	0.0734	1.36%
Zn 213.857	7120292.1	5.509 mg/L	0.0277	5.509 mg/L	0.0277	0.50%
Fe 238.863	2323804.4	4.933 mg/L	0.0805	4.933 mg/L	0.0805	1.63%
Cd 228.802	6836353.4	4.781 mg/L	0.0386	4.781 mg/L	0.0386	0.81%

Sequence No.: 23

Sample ID: 1

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 19

Date Collected: 17.12.2021 16:15:38

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 1

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-13934.7	-11549.2	0.237 mg/L	0.237 mg/L	16:16:48
1	Ni 231.604	3751654.8	3748453.0	5.157 mg/L	5.157 mg/L	16:16:54
1	Zn 213.857	8406657.1	8373695.4	6.623 mg/L	6.623 mg/L	16:16:58
1	Fe 238.863	2133958.7	2140449.3	4.527 mg/L	4.527 mg/L	16:17:04
1	Cd 228.802	4916869.4	4916876.0	3.430 mg/L	3.430 mg/L	16:17:07
2	Pd 248.892	-16443.8	-14058.3	0.211 mg/L	0.211 mg/L	16:17:12
2	Ni 231.604	3463494.7	3460292.8	4.756 mg/L	4.756 mg/L	16:17:17
2	Zn 213.857	8344661.9	8311700.2	6.568 mg/L	6.568 mg/L	16:17:21
2	Fe 238.863	2132686.6	2139177.2	4.525 mg/L	4.525 mg/L	16:17:27
2	Cd 228.802	4979294.0	4979300.6	3.474 mg/L	3.474 mg/L	16:17:30
3	Pd 248.892	-11893.2	-9507.7	0.259 mg/L	0.259 mg/L	16:17:35
3	Ni 231.604	3471626.1	3468424.3	4.768 mg/L	4.768 mg/L	16:17:40
3	Zn 213.857	8184540.2	8151578.6	6.425 mg/L	6.425 mg/L	16:17:45
3	Fe 238.863	2143629.2	2150119.9	4.549 mg/L	4.549 mg/L	16:17:50
3	Cd 228.802	4957761.8	4957768.4	3.458 mg/L	3.458 mg/L	16:17:54

Mean Data: 1

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-11705.1	0.235 mg/L	0.0241	0.235 mg/L	0.0241	10.25%
Ni 231.604	3559056.7	4.894 mg/L	0.2281	4.894 mg/L	0.2281	4.66%
Zn 213.857	8278991.4	6.539 mg/L	0.1019	6.539 mg/L	0.1019	1.56%
Fe 238.863	2143248.8	4.534 mg/L	0.0132	4.534 mg/L	0.0132	0.29%
Cd 228.802	4951315.0	3.454 mg/L	0.0223	3.454 mg/L	0.0223	0.65%

Sequence No.: 24

Sample ID: 2

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 20

Date Collected: 17.12.2021 16:18:34

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 2

Analyte	Back Pressure	Flow
All	262.0 kPa	0.70 L/min

Replicate Data: 2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-16694.9	-14309.4	0.208 mg/L	0.208 mg/L	16:19:45
1	Ni 231.604	3705069.9	3701868.1	5.092 mg/L	5.092 mg/L	16:19:50
1	Zn 213.857	8054840.0	8021878.3	6.310 mg/L	6.310 mg/L	16:19:55
1	Fe 238.863	2267154.4	2273645.0	4.822 mg/L	4.822 mg/L	16:20:00
1	Cd 228.802	6082471.4	6082477.9	4.250 mg/L	4.250 mg/L	16:20:04
2	Pd 248.892	-11493.5	-9108.1	0.263 mg/L	0.263 mg/L	16:20:08
2	Ni 231.604	3667407.5	3664205.7	5.040 mg/L	5.040 mg/L	16:20:13
2	Zn 213.857	8055279.6	8022318.0	6.310 mg/L	6.310 mg/L	16:20:17
2	Fe 238.863	2229652.1	2236142.8	4.739 mg/L	4.739 mg/L	16:20:23
2	Cd 228.802	5996047.4	5996054.0	4.190 mg/L	4.190 mg/L	16:20:26
3	Pd 248.892	-20796.7	-18411.3	0.164 mg/L	0.164 mg/L	16:20:31
3	Ni 231.604	3712029.0	3708827.2	5.102 mg/L	5.102 mg/L	16:20:36
3	Zn 213.857	7964839.6	7931877.9	6.230 mg/L	6.230 mg/L	16:20:41
3	Fe 238.863	2198795.9	2205286.6	4.671 mg/L	4.671 mg/L	16:20:46
3	Cd 228.802	5986557.6	5986564.2	4.183 mg/L	4.183 mg/L	16:20:49

Mean Data: 2

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-13942.9	0.212 mg/L	0.0494	0.212 mg/L	0.0494	23.32%
Ni 231.604	3691633.6	5.078 mg/L	0.0334	5.078 mg/L	0.0334	0.66%

Zn 213.857	7992024.7	6.284 mg/L	0.0463	6.284 mg/L	0.0463	0.74%
Fe 238.863	2238358.1	4.744 mg/L	0.0757	4.744 mg/L	0.0757	1.60%
Cd 228.802	6021698.7	4.208 mg/L	0.0372	4.208 mg/L	0.0372	0.88%

Sequence No.: 25

Sample ID: 3

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 21

Date Collected: 17.12.2021 16:21:31

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 3

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: 3

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-16767.9	-14382.5	0.207 mg/L	0.207 mg/L	16:22:42
1	Ni 231.604	3806752.2	3803550.4	5.234 mg/L	5.234 mg/L	16:22:46
1	Zn 213.857	7866361.4	7833399.8	6.143 mg/L	6.143 mg/L	16:22:51
1	Fe 238.863	2283632.2	2290122.8	4.858 mg/L	4.858 mg/L	16:22:57
1	Cd 228.802	6397306.1	6397312.7	4.472 mg/L	4.472 mg/L	16:23:00
2	Pd 248.892	-17554.8	-15169.3	0.199 mg/L	0.199 mg/L	16:23:04
2	Ni 231.604	3655438.4	3652236.6	5.023 mg/L	5.023 mg/L	16:23:08
2	Zn 213.857	7919964.1	7887002.4	6.190 mg/L	6.190 mg/L	16:23:13
2	Fe 238.863	2261883.6	2268374.3	4.810 mg/L	4.810 mg/L	16:23:18
2	Cd 228.802	6265693.3	6265699.9	4.379 mg/L	4.379 mg/L	16:23:21
3	Pd 248.892	-16739.7	-14354.2	0.207 mg/L	0.207 mg/L	16:23:25
3	Ni 231.604	3699191.6	3695989.7	5.084 mg/L	5.084 mg/L	16:23:29
3	Zn 213.857	7812590.7	7779629.0	6.095 mg/L	6.095 mg/L	16:23:34
3	Fe 238.863	2292388.9	2298879.6	4.878 mg/L	4.878 mg/L	16:23:39
3	Cd 228.802	6295428.8	6295435.3	4.400 mg/L	4.400 mg/L	16:23:42

Mean Data: 3

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-14635.3	0.204 mg/L	0.0049	0.204 mg/L	0.0049	2.40%
Ni 231.604	3717258.9	5.114 mg/L	0.1082	5.114 mg/L	0.1082	2.12%
Zn 213.857	7833343.7	6.143 mg/L	0.0477	6.143 mg/L	0.0477	0.78%
Fe 238.863	2285792.2	4.849 mg/L	0.0347	4.849 mg/L	0.0347	0.72%
Cd 228.802	6319482.6	4.417 mg/L	0.0486	4.417 mg/L	0.0486	1.10%

Sequence No.: 26

Sample ID: 4

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 22

Date Collected: 17.12.2021 16:24:23

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 4

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 4

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-16845.2	-14459.7	0.206 mg/L	0.206 mg/L	16:25:34
1	Ni 231.604	3838240.3	3835038.5	5.277 mg/L	5.277 mg/L	16:25:39
1	Zn 213.857	7688911.6	7655949.9	5.985 mg/L	5.985 mg/L	16:25:44
1	Fe 238.863	2330915.5	2337406.2	4.963 mg/L	4.963 mg/L	16:25:49
1	Cd 228.802	6549272.2	6549278.7	4.579 mg/L	4.579 mg/L	16:25:53
2	Pd 248.892	-14620.9	-12235.4	0.230 mg/L	0.230 mg/L	16:25:57
2	Ni 231.604	3791518.4	3788316.6	5.212 mg/L	5.212 mg/L	16:26:02
2	Zn 213.857	7948291.8	7915330.2	6.215 mg/L	6.215 mg/L	16:26:07
2	Fe 238.863	2298529.7	2305020.3	4.891 mg/L	4.891 mg/L	16:26:11
2	Cd 228.802	6467928.4	6467935.0	4.522 mg/L	4.522 mg/L	16:26:15

3	Pd 248.892	-16104.9	-13719.4	0.214 mg/L	0.214 mg/L	16:26:19
3	Ni 231.604	3758954.6	3755752.8	5.167 mg/L	5.167 mg/L	16:26:23
3	Zn 213.857	7713203.9	7680242.2	6.006 mg/L	6.006 mg/L	16:26:28
3	Fe 238.863	2238198.4	2244689.1	4.758 mg/L	4.758 mg/L	16:26:33
3	Cd 228.802	6496319.9	6496326.4	4.542 mg/L	4.542 mg/L	16:26:36

Mean Data: 4

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-13471.5	0.217 mg/L	0.0120	0.217 mg/L	0.0120	5.53%
Ni 231.604	3793035.9	5.219 mg/L	0.0554	5.219 mg/L	0.0554	1.06%
Zn 213.857	7750507.4	6.069 mg/L	0.1273	6.069 mg/L	0.1273	2.10%
Fe 238.863	2295705.2	4.871 mg/L	0.1041	4.871 mg/L	0.1041	2.14%
Cd 228.802	6504513.4	4.548 mg/L	0.0291	4.548 mg/L	0.0291	0.64%

Sequence No.: 27

Sample ID: 5

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 23

Date Collected: 17.12.2021 16:27:17

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 5

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: 5

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-14223.0	-11837.6	0.234 mg/L	0.234 mg/L	16:28:29
1	Ni 231.604	3869314.0	3866112.2	5.321 mg/L	5.321 mg/L	16:28:34
1	Zn 213.857	8550720.4	8517758.7	6.751 mg/L	6.751 mg/L	16:28:39
1	Fe 238.863	2320300.8	2326791.5	4.940 mg/L	4.940 mg/L	16:28:44
1	Cd 228.802	6539884.6	6539891.2	4.573 mg/L	4.573 mg/L	16:28:48
2	Pd 248.892	-17727.8	-15342.3	0.197 mg/L	0.197 mg/L	16:28:51
2	Ni 231.604	3765554.5	3762352.7	5.176 mg/L	5.176 mg/L	16:28:56
2	Zn 213.857	8416639.8	8383678.1	6.632 mg/L	6.632 mg/L	16:29:00
2	Fe 238.863	2342656.2	2349146.9	4.989 mg/L	4.989 mg/L	16:29:06
2	Cd 228.802	6531378.2	6531384.8	4.567 mg/L	4.567 mg/L	16:29:09
3	Pd 248.892	-17576.4	-15190.9	0.199 mg/L	0.199 mg/L	16:29:13
3	Ni 231.604	3820387.3	3817185.5	5.253 mg/L	5.253 mg/L	16:29:17
3	Zn 213.857	8602624.1	8569662.4	6.797 mg/L	6.797 mg/L	16:29:21
3	Fe 238.863	2321837.0	2328327.7	4.943 mg/L	4.943 mg/L	16:29:27
3	Cd 228.802	6491824.1	6491830.6	4.539 mg/L	4.539 mg/L	16:29:30

Mean Data: 5

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-14123.6	0.210 mg/L	0.0210	0.210 mg/L	0.0210	10.00%
Ni 231.604	3815216.8	5.250 mg/L	0.0721	5.250 mg/L	0.0721	1.37%
Zn 213.857	8490366.4	6.726 mg/L	0.0853	6.726 mg/L	0.0853	1.27%
Fe 238.863	2334755.3	4.957 mg/L	0.0276	4.957 mg/L	0.0276	0.56%
Cd 228.802	6521035.5	4.559 mg/L	0.0181	4.559 mg/L	0.0181	0.40%

Sequence No.: 28

Sample ID: 6

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 24

Date Collected: 17.12.2021 16:30:11

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 6

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: 6

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-19036.7	-16651.2	0.183 mg/L	0.183 mg/L	16:31:22
1	Ni 231.604	3866270.6	3863068.8	5.316 mg/L	5.316 mg/L	16:31:26
1	Zn 213.857	8386090.9	8353129.3	6.605 mg/L	6.605 mg/L	16:31:31
1	Fe 238.863	2320344.9	2326835.6	4.940 mg/L	4.940 mg/L	16:31:37
1	Cd 228.802	6598157.2	6598163.8	4.614 mg/L	4.614 mg/L	16:31:40
2	Pd 248.892	-15720.4	-13334.9	0.218 mg/L	0.218 mg/L	16:31:44
2	Ni 231.604	3653278.9	3650077.1	5.020 mg/L	5.020 mg/L	16:31:48
2	Zn 213.857	8396651.4	8363689.7	6.614 mg/L	6.614 mg/L	16:31:52
2	Fe 238.863	2342060.4	2348551.0	4.988 mg/L	4.988 mg/L	16:31:58
2	Cd 228.802	6612144.1	6612150.6	4.623 mg/L	4.623 mg/L	16:32:01
3	Pd 248.892	-13377.9	-10992.4	0.243 mg/L	0.243 mg/L	16:32:05
3	Ni 231.604	3771085.1	3767883.3	5.184 mg/L	5.184 mg/L	16:32:10
3	Zn 213.857	8323881.6	8290919.9	6.549 mg/L	6.549 mg/L	16:32:15
3	Fe 238.863	2263819.4	2270310.1	4.815 mg/L	4.815 mg/L	16:32:20
3	Cd 228.802	6571577.9	6571584.5	4.595 mg/L	4.595 mg/L	16:32:23

Mean Data: 6

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-13659.5	0.215 mg/L	0.0301	0.215 mg/L	0.0301	14.02%
Ni 231.604	3760343.0	5.174 mg/L	0.1483	5.174 mg/L	0.1483	2.87%
Zn 213.857	8335913.0	6.589 mg/L	0.0349	6.589 mg/L	0.0349	0.53%
Fe 238.863	2315232.2	4.914 mg/L	0.0893	4.914 mg/L	0.0893	1.82%
Cd 228.802	6593966.3	4.611 mg/L	0.0145	4.611 mg/L	0.0145	0.31%

Sequence No.: 29

Sample ID: 7

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 25

Date Collected: 17.12.2021 16:33:05

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 7

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: 7

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-21049.1	-18663.6	0.162 mg/L	0.162 mg/L	16:34:16
1	Ni 231.604	3680993.7	3677791.9	5.059 mg/L	5.059 mg/L	16:34:22
1	Zn 213.857	8716883.0	8683921.3	6.899 mg/L	6.899 mg/L	16:34:26
1	Fe 238.863	2337581.8	2344072.4	4.978 mg/L	4.978 mg/L	16:34:32
1	Cd 228.802	6409655.8	6409662.4	4.481 mg/L	4.481 mg/L	16:34:35
2	Pd 248.892	-15193.3	-12807.8	0.224 mg/L	0.224 mg/L	16:34:39
2	Ni 231.604	3569901.6	3566699.8	4.904 mg/L	4.904 mg/L	16:34:43
2	Zn 213.857	8608470.6	8575509.0	6.802 mg/L	6.802 mg/L	16:34:48
2	Fe 238.863	2258471.2	2264961.9	4.803 mg/L	4.803 mg/L	16:34:53
2	Cd 228.802	6365469.3	6365475.8	4.450 mg/L	4.450 mg/L	16:34:56
3	Pd 248.892	-18637.8	-16252.3	0.187 mg/L	0.187 mg/L	16:35:00
3	Ni 231.604	3538160.3	3534958.5	4.860 mg/L	4.860 mg/L	16:35:05
3	Zn 213.857	8526622.7	8493661.0	6.729 mg/L	6.729 mg/L	16:35:08
3	Fe 238.863	2279368.1	2285858.8	4.849 mg/L	4.849 mg/L	16:35:13
3	Cd 228.802	6335601.9	6335608.4	4.429 mg/L	4.429 mg/L	16:35:18

Mean Data: 7

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-15907.9	0.191 mg/L	0.0312	0.191 mg/L	0.0312	16.32%
Ni 231.604	3593150.1	4.941 mg/L	0.1042	4.941 mg/L	0.1042	2.11%
Zn 213.857	8584363.8	6.810 mg/L	0.0848	6.810 mg/L	0.0848	1.25%
Fe 238.863	2298297.7	4.877 mg/L	0.0907	4.877 mg/L	0.0907	1.86%
Cd 228.802	6370248.9	4.453 mg/L	0.0262	4.453 mg/L	0.0262	0.59%

Sequence No.: 30

Sample ID: 8

Autosampler Location: 26

Date Collected: 17.12.2021 16:36:00

Analyst:
Initial Sample Wt:
Dilution:
Wash Time (before sample): 30

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 8

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 8

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-15086.2	-12700.8	0.225 mg/L	0.225 mg/L	16:37:11
1	Ni 231.604	3914150.5	3910948.7	5.383 mg/L	5.383 mg/L	16:37:16
1	Zn 213.857	7894086.0	7861124.3	6.167 mg/L	6.167 mg/L	16:37:21
1	Fe 238.863	2334281.3	2340771.9	4.970 mg/L	4.970 mg/L	16:37:26
1	Cd 228.802	6631894.2	6631900.8	4.637 mg/L	4.637 mg/L	16:37:30
2	Pd 248.892	-15201.0	-12815.6	0.224 mg/L	0.224 mg/L	16:37:33
2	Ni 231.604	3719401.9	3716200.1	5.112 mg/L	5.112 mg/L	16:37:38
2	Zn 213.857	7790883.8	7757922.1	6.075 mg/L	6.075 mg/L	16:37:42
2	Fe 238.863	2257788.0	2264278.6	4.801 mg/L	4.801 mg/L	16:37:47
2	Cd 228.802	6524860.4	6524867.0	4.562 mg/L	4.562 mg/L	16:37:52
3	Pd 248.892	-14950.2	-12564.7	0.226 mg/L	0.226 mg/L	16:37:56
3	Ni 231.604	3691833.0	3688631.2	5.074 mg/L	5.074 mg/L	16:38:01
3	Zn 213.857	7600247.6	7567285.9	5.906 mg/L	5.906 mg/L	16:38:05
3	Fe 238.863	2285783.4	2292274.0	4.863 mg/L	4.863 mg/L	16:38:11
3	Cd 228.802	6693740.2	6693746.8	4.681 mg/L	4.681 mg/L	16:38:14

Mean Data: 8

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-12693.7	0.225 mg/L	0.0013	0.225 mg/L	0.0013	0.59%
Ni 231.604	3771926.6	5.190 mg/L	0.1684	5.190 mg/L	0.1684	3.25%
Zn 213.857	7728777.5	6.050 mg/L	0.1325	6.050 mg/L	0.1325	2.19%
Fe 238.863	2299108.2	4.878 mg/L	0.0856	4.878 mg/L	0.0856	1.75%
Cd 228.802	6616838.2	4.627 mg/L	0.0602	4.627 mg/L	0.0602	1.30%

Sequence No.: 31

Sample ID: 9

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 27

Date Collected: 17.12.2021 16:38:54

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 9

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: 9

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-18029.2	-15643.8	0.194 mg/L	0.194 mg/L	16:40:04
1	Ni 231.604	3884186.5	3880984.7	5.341 mg/L	5.341 mg/L	16:40:09
1	Zn 213.857	7688039.8	7655078.2	5.984 mg/L	5.984 mg/L	16:40:13
1	Fe 238.863	2293983.9	2300474.5	4.881 mg/L	4.881 mg/L	16:40:19
1	Cd 228.802	6775870.9	6775877.5	4.739 mg/L	4.739 mg/L	16:40:22
2	Pd 248.892	-14216.5	-11831.1	0.234 mg/L	0.234 mg/L	16:40:26
2	Ni 231.604	3751335.1	3748133.3	5.157 mg/L	5.157 mg/L	16:40:31
2	Zn 213.857	7574451.4	7541489.7	5.883 mg/L	5.883 mg/L	16:40:36
2	Fe 238.863	2247962.1	2254452.8	4.780 mg/L	4.780 mg/L	16:40:41
2	Cd 228.802	6664557.7	6664564.3	4.660 mg/L	4.660 mg/L	16:40:44
3	Pd 248.892	-14089.9	-11704.4	0.235 mg/L	0.235 mg/L	16:40:48
3	Ni 231.604	3700528.5	3697326.7	5.086 mg/L	5.086 mg/L	16:40:53
3	Zn 213.857	7585937.4	7552975.7	5.893 mg/L	5.893 mg/L	16:40:58
3	Fe 238.863	2317141.4	2323632.1	4.933 mg/L	4.933 mg/L	16:41:03
3	Cd 228.802	6751043.2	6751049.8	4.721 mg/L	4.721 mg/L	16:41:06

Mean Data: 9

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-13059.8	0.221 mg/L	0.0237	0.221 mg/L	0.0237	10.72%
Ni 231.604	3775481.6	5.195 mg/L	0.1318	5.195 mg/L	0.1318	2.54%
Zn 213.857	7583181.2	5.920 mg/L	0.0556	5.920 mg/L	0.0556	0.94%
Fe 238.863	2292853.1	4.864 mg/L	0.0779	4.864 mg/L	0.0779	1.60%
Cd 228.802	6730497.2	4.707 mg/L	0.0412	4.707 mg/L	0.0412	0.87%

Sequence No.: 32

Sample ID: 10

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 28

Date Collected: 17.12.2021 16:41:46

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 10

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: 10

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-17678.8	-15293.4	0.197 mg/L	0.197 mg/L	16:42:57
1	Ni 231.604	3955718.5	3952516.7	5.441 mg/L	5.441 mg/L	16:43:01
1	Zn 213.857	7749780.0	7716818.3	6.039 mg/L	6.039 mg/L	16:43:06
1	Fe 238.863	2304585.0	2311075.6	4.905 mg/L	4.905 mg/L	16:43:11
1	Cd 228.802	6619087.5	6619094.1	4.628 mg/L	4.628 mg/L	16:43:16
2	Pd 248.892	-16713.3	-14327.8	0.208 mg/L	0.208 mg/L	16:43:20
2	Ni 231.604	3778499.8	3775298.0	5.194 mg/L	5.194 mg/L	16:43:24
2	Zn 213.857	7481907.6	7448945.9	5.801 mg/L	5.801 mg/L	16:43:28
2	Fe 238.863	2334734.5	2341225.1	4.971 mg/L	4.971 mg/L	16:43:33
2	Cd 228.802	6843380.0	6843386.6	4.786 mg/L	4.786 mg/L	16:43:37
3	Pd 248.892	-16862.2	-14476.7	0.206 mg/L	0.206 mg/L	16:43:41
3	Ni 231.604	3673046.8	3669845.0	5.048 mg/L	5.048 mg/L	16:43:45
3	Zn 213.857	7408602.9	7375641.3	5.736 mg/L	5.736 mg/L	16:43:49
3	Fe 238.863	2265785.1	2272275.7	4.819 mg/L	4.819 mg/L	16:43:53
3	Cd 228.802	6735371.2	6735377.7	4.710 mg/L	4.710 mg/L	16:43:58

Mean Data: 10

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-14699.3	0.204 mg/L	0.0055	0.204 mg/L	0.0055	2.70%
Ni 231.604	3799219.9	5.228 mg/L	0.1985	5.228 mg/L	0.1985	3.80%
Zn 213.857	7513801.8	5.859 mg/L	0.1596	5.859 mg/L	0.1596	2.72%
Fe 238.863	2308192.1	4.898 mg/L	0.0764	4.898 mg/L	0.0764	1.56%
Cd 228.802	6732619.5	4.708 mg/L	0.0790	4.708 mg/L	0.0790	1.68%

Sequence No.: 33

Sample ID: 11

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 29

Date Collected: 17.12.2021 16:44:38

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 11

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 11

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-19060.3	-16674.9	0.183 mg/L	0.183 mg/L	16:45:49
1	Ni 231.604	3907750.7	3904548.9	5.374 mg/L	5.374 mg/L	16:45:53
1	Zn 213.857	7701697.0	7668735.4	5.996 mg/L	5.996 mg/L	16:45:58
1	Fe 238.863	2281839.8	2288330.5	4.854 mg/L	4.854 mg/L	16:46:03
1	Cd 228.802	6754896.5	6754903.1	4.724 mg/L	4.724 mg/L	16:46:06

2	Pd 248.892	-14422.5	-12037.1	0.232 mg/L	0.232 mg/L	16:46:10
2	Ni 231.604	3808715.5	3805513.7	5.236 mg/L	5.236 mg/L	16:46:16
2	Zn 213.857	7657296.7	7624335.0	5.957 mg/L	5.957 mg/L	16:46:20
2	Fe 238.863	2310926.3	2317416.9	4.919 mg/L	4.919 mg/L	16:46:25
2	Cd 228.802	6729172.7	6729179.3	4.706 mg/L	4.706 mg/L	16:46:29
3	Pd 248.892	-15232.7	-12847.2	0.223 mg/L	0.223 mg/L	16:46:34
3	Ni 231.604	3733078.0	3729876.2	5.131 mg/L	5.131 mg/L	16:46:38
3	Zn 213.857	7705232.7	7672271.0	5.999 mg/L	5.999 mg/L	16:46:42
3	Fe 238.863	2247316.8	2253807.4	4.778 mg/L	4.778 mg/L	16:46:47
3	Cd 228.802	6703880.7	6703887.3	4.688 mg/L	4.688 mg/L	16:46:51

Mean Data: 11

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-13853.1	0.213 mg/L	0.0262	0.213 mg/L	0.0262	12.33%
Ni 231.604	3813312.9	5.247 mg/L	0.1218	5.247 mg/L	0.1218	2.32%
Zn 213.857	7655113.8	5.984 mg/L	0.0237	5.984 mg/L	0.0237	0.40%
Fe 238.863	2286518.3	4.850 mg/L	0.0704	4.850 mg/L	0.0704	1.45%
Cd 228.802	6729323.2	4.706 mg/L	0.0180	4.706 mg/L	0.0180	0.38%

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Sequence No.: 34
Sample ID: 12
Analyst:
Initial Sample Wt:
Dilution:
Wash Time (before sample): 30

Autosampler Location: 30

Date Collected: 17.12.2021 16:47:31

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 12

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 12

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-19967.4	-17581.9	0.173 mg/L	0.173 mg/L	16:48:41
1	Ni 231.604	3818826.5	3815624.7	5.250 mg/L	5.250 mg/L	16:48:46
1	Zn 213.857	7713117.2	7680155.5	6.006 mg/L	6.006 mg/L	16:48:50
1	Fe 238.863	2246840.6	2253331.3	4.777 mg/L	4.777 mg/L	16:48:55
1	Cd 228.802	6723985.7	6723992.3	4.702 mg/L	4.702 mg/L	16:48:59
2	Pd 248.892	-12861.6	-10476.2	0.248 mg/L	0.248 mg/L	16:49:04
2	Ni 231.604	3707833.4	3704631.6	5.096 mg/L	5.096 mg/L	16:49:09
2	Zn 213.857	7641090.8	7608129.2	5.942 mg/L	5.942 mg/L	16:49:14
2	Fe 238.863	2307097.9	2313588.5	4.910 mg/L	4.910 mg/L	16:49:19
2	Cd 228.802	6807639.8	6807646.4	4.761 mg/L	4.761 mg/L	16:49:22
3	Pd 248.892	-13142.0	-10756.6	0.245 mg/L	0.245 mg/L	16:49:26
3	Ni 231.604	3736778.6	3733576.8	5.136 mg/L	5.136 mg/L	16:49:31
3	Zn 213.857	7582695.1	7549733.4	5.890 mg/L	5.890 mg/L	16:49:36
3	Fe 238.863	2273019.1	2279509.7	4.835 mg/L	4.835 mg/L	16:49:41
3	Cd 228.802	6866973.8	6866980.4	4.803 mg/L	4.803 mg/L	16:49:44

Mean Data: 12

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-12938.2	0.222 mg/L	0.0426	0.222 mg/L	0.0426	19.16%
Ni 231.604	3751277.7	5.161 mg/L	0.0800	5.161 mg/L	0.0800	1.55%
Zn 213.857	7612672.7	5.946 mg/L	0.0581	5.946 mg/L	0.0581	0.98%
Fe 238.863	2282143.2	4.841 mg/L	0.0668	4.841 mg/L	0.0668	1.38%
Cd 228.802	6799539.7	4.755 mg/L	0.0506	4.755 mg/L	0.0506	1.06%

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Sequence No.: 35
Sample ID: 13
Analyst:
Initial Sample Wt:
Dilution:
Wash Time (before sample): 30

Autosampler Location: 31

Date Collected: 17.12.2021 16:50:25

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 13

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 13

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-18877.1	-16491.6	0.185 mg/L	0.185 mg/L	16:51:35
1	Ni 231.604	3954131.7	3950929.9	5.438 mg/L	5.438 mg/L	16:51:40
1	Zn 213.857	7548199.8	7515238.2	5.860 mg/L	5.860 mg/L	16:51:44
1	Fe 238.863	2314126.8	2320617.5	4.926 mg/L	4.926 mg/L	16:51:50
1	Cd 228.802	6872965.2	6872971.8	4.807 mg/L	4.807 mg/L	16:51:53
2	Pd 248.892	-13551.3	-11165.9	0.241 mg/L	0.241 mg/L	16:51:57
2	Ni 231.604	3852807.2	3849605.4	5.298 mg/L	5.298 mg/L	16:52:02
2	Zn 213.857	7541935.3	7508973.7	5.854 mg/L	5.854 mg/L	16:52:07
2	Fe 238.863	2301318.5	2307809.1	4.898 mg/L	4.898 mg/L	16:52:12
2	Cd 228.802	6853752.5	6853759.1	4.794 mg/L	4.794 mg/L	16:52:15
3	Pd 248.892	-16747.4	-14362.0	0.207 mg/L	0.207 mg/L	16:52:19
3	Ni 231.604	3829176.4	3825974.6	5.265 mg/L	5.265 mg/L	16:52:24
3	Zn 213.857	7308027.4	7275065.8	5.646 mg/L	5.646 mg/L	16:52:28
3	Fe 238.863	2288821.7	2295312.3	4.870 mg/L	4.870 mg/L	16:52:34
3	Cd 228.802	6817537.9	6817544.5	4.768 mg/L	4.768 mg/L	16:52:37

Mean Data: 13

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-14006.5	0.211 mg/L	0.0284	0.211 mg/L	0.0284	13.45%
Ni 231.604	3875503.3	5.334 mg/L	0.0923	5.334 mg/L	0.0923	1.73%
Zn 213.857	7433092.5	5.787 mg/L	0.1217	5.787 mg/L	0.1217	2.10%
Fe 238.863	2307913.0	4.898 mg/L	0.0280	4.898 mg/L	0.0280	0.57%
Cd 228.802	6848091.8	4.790 mg/L	0.0198	4.790 mg/L	0.0198	0.41%

Sequence No.: 36

Sample ID: 14

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 32

Date Collected: 17.12.2021 16:53:17

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 14

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 14

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-18325.8	-15940.3	0.191 mg/L	0.191 mg/L	16:54:28
1	Ni 231.604	3956006.2	3952804.4	5.441 mg/L	5.441 mg/L	16:54:32
1	Zn 213.857	7437908.5	7404946.8	5.762 mg/L	5.762 mg/L	16:54:37
1	Fe 238.863	2300880.1	2307370.7	4.897 mg/L	4.897 mg/L	16:54:43
1	Cd 228.802	6887547.8	6887554.4	4.817 mg/L	4.817 mg/L	16:54:46
2	Pd 248.892	-13629.8	-11244.4	0.240 mg/L	0.240 mg/L	16:54:50
2	Ni 231.604	3860589.0	3857387.2	5.308 mg/L	5.308 mg/L	16:54:55
2	Zn 213.857	7408301.7	7375340.1	5.735 mg/L	5.735 mg/L	16:55:00
2	Fe 238.863	2328842.7	2335333.3	4.958 mg/L	4.958 mg/L	16:55:05
2	Cd 228.802	6960056.0	6960062.6	4.868 mg/L	4.868 mg/L	16:55:08
3	Pd 248.892	-18661.5	-16276.1	0.187 mg/L	0.187 mg/L	16:55:12
3	Ni 231.604	3812643.0	3809441.2	5.242 mg/L	5.242 mg/L	16:55:16
3	Zn 213.857	7384675.4	7351713.8	5.714 mg/L	5.714 mg/L	16:55:21
3	Fe 238.863	2288030.7	2294521.3	4.868 mg/L	4.868 mg/L	16:55:26
3	Cd 228.802	6930195.7	6930202.3	4.847 mg/L	4.847 mg/L	16:55:30

Mean Data: 14

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-14486.9	0.206 mg/L	0.0298	0.206 mg/L	0.0298	14.46%
Ni 231.604	3873210.9	5.330 mg/L	0.1014	5.330 mg/L	0.1014	1.90%
Zn 213.857	7377333.6	5.737 mg/L	0.0237	5.737 mg/L	0.0237	0.41%
Fe 238.863	2312408.4	4.908 mg/L	0.0462	4.908 mg/L	0.0462	0.94%

Cd 228.802 6925939.7 4.844 mg/L 0.0257 4.844 mg/L 0.0257 0.53%

Sequence No.: 37

Sample ID: 15

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 33

Date Collected: 17.12.2021 16:56:10

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 15

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 15

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-16980.3	-14594.9	0.205 mg/L	0.205 mg/L	16:57:21
1	Ni 231.604	3971133.1	3967931.3	5.462 mg/L	5.462 mg/L	16:57:25
1	Zn 213.857	7566583.5	7533621.9	5.876 mg/L	5.876 mg/L	16:57:30
1	Fe 238.863	2300918.9	2307409.6	4.897 mg/L	4.897 mg/L	16:57:35
1	Cd 228.802	6895252.6	6895259.2	4.823 mg/L	4.823 mg/L	16:57:39
2	Pd 248.892	-13434.5	-11049.0	0.242 mg/L	0.242 mg/L	16:57:43
2	Ni 231.604	3816435.9	3813234.1	5.247 mg/L	5.247 mg/L	16:57:48
2	Zn 213.857	7530310.1	7497348.5	5.844 mg/L	5.844 mg/L	16:57:53
2	Fe 238.863	2317209.5	2323700.1	4.933 mg/L	4.933 mg/L	16:57:58
2	Cd 228.802	6935951.1	6935957.7	4.852 mg/L	4.852 mg/L	16:58:01
3	Pd 248.892	-14753.1	-12367.7	0.228 mg/L	0.228 mg/L	16:58:05
3	Ni 231.604	3843529.3	3840327.5	5.285 mg/L	5.285 mg/L	16:58:11
3	Zn 213.857	7430940.9	7397979.2	5.756 mg/L	5.756 mg/L	16:58:15
3	Fe 238.863	2290354.0	2296844.7	4.873 mg/L	4.873 mg/L	16:58:20
3	Cd 228.802	6795005.3	6795011.9	4.752 mg/L	4.752 mg/L	16:58:24

Mean Data: 15

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-12670.5	0.225 mg/L	0.0190	0.225 mg/L	0.0190	8.43%
Ni 231.604	3873831.0	5.331 mg/L	0.1148	5.331 mg/L	0.1148	2.15%
Zn 213.857	7476316.5	5.825 mg/L	0.0624	5.825 mg/L	0.0624	1.07%
Fe 238.863	2309318.1	4.901 mg/L	0.0299	4.901 mg/L	0.0299	0.61%
Cd 228.802	6875409.6	4.809 mg/L	0.0511	4.809 mg/L	0.0511	1.06%

Sequence No.: 38

Sample ID: 16

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 34

Date Collected: 17.12.2021 16:59:04

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 16

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 16

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-18838.5	-16453.0	0.185 mg/L	0.185 mg/L	17:00:16
1	Ni 231.604	3894130.2	3890928.4	5.355 mg/L	5.355 mg/L	17:00:20
1	Zn 213.857	7262655.9	7229694.2	5.606 mg/L	5.606 mg/L	17:00:25
1	Fe 238.863	2277309.4	2283800.1	4.844 mg/L	4.844 mg/L	17:00:30
1	Cd 228.802	6925235.9	6925242.5	4.844 mg/L	4.844 mg/L	17:00:33
2	Pd 248.892	-13431.2	-11045.8	0.242 mg/L	0.242 mg/L	17:00:37
2	Ni 231.604	3816751.6	3813549.8	5.247 mg/L	5.247 mg/L	17:00:43
2	Zn 213.857	7402754.6	7369792.9	5.731 mg/L	5.731 mg/L	17:00:47
2	Fe 238.863	2315838.7	2322329.3	4.930 mg/L	4.930 mg/L	17:00:52
2	Cd 228.802	6816349.1	6816355.7	4.767 mg/L	4.767 mg/L	17:00:56
3	Pd 248.892	-13638.0	-11252.5	0.240 mg/L	0.240 mg/L	17:01:00
3	Ni 231.604	3816343.8	3813141.9	5.247 mg/L	5.247 mg/L	17:01:05

3	Zn 213.857	7224680.1	7191718.4	5.572 mg/L	5.572 mg/L	17:01:09
3	Fe 238.863	2278770.5	2285261.1	4.848 mg/L	4.848 mg/L	17:01:15
3	Cd 228.802	6716417.4	6716424.0	4.697 mg/L	4.697 mg/L	17:01:18

Mean Data: 16

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-12917.1	0.223 mg/L	0.0324	0.223 mg/L	0.0324	14.57%
Ni 231.604	3839206.7	5.283 mg/L	0.0623	5.283 mg/L	0.0623	1.18%
Zn 213.857	7263735.2	5.636 mg/L	0.0834	5.636 mg/L	0.0834	1.48%
Fe 238.863	2297130.2	4.874 mg/L	0.0483	4.874 mg/L	0.0483	0.99%
Cd 228.802	6819340.7	4.769 mg/L	0.0736	4.769 mg/L	0.0736	1.54%

Sequence No.: 39

Sample ID: 17

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 35

Date Collected: 17.12.2021 17:01:59

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 17

Analyte	Back Pressure	Flow
All	263.0 kPa	0.70 L/min

Replicate Data: 17

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-16567.6	-14182.2	0.209 mg/L	0.209 mg/L	17:03:10
1	Ni 231.604	3922462.4	3919260.6	5.394 mg/L	5.394 mg/L	17:03:14
1	Zn 213.857	7466503.2	7433541.6	5.787 mg/L	5.787 mg/L	17:03:19
1	Fe 238.863	2322562.0	2329052.6	4.945 mg/L	4.945 mg/L	17:03:25
1	Cd 228.802	6894304.9	6894311.5	4.822 mg/L	4.822 mg/L	17:03:28
2	Pd 248.892	-14260.5	-11875.0	0.234 mg/L	0.234 mg/L	17:03:32
2	Ni 231.604	3801167.6	3797965.8	5.226 mg/L	5.226 mg/L	17:03:37
2	Zn 213.857	7346381.3	7313419.6	5.680 mg/L	5.680 mg/L	17:03:42
2	Fe 238.863	2271829.5	2278320.2	4.832 mg/L	4.832 mg/L	17:03:47
2	Cd 228.802	6886355.7	6886362.3	4.817 mg/L	4.817 mg/L	17:03:50
3	Pd 248.892	-12789.7	-10404.2	0.249 mg/L	0.249 mg/L	17:03:54
3	Ni 231.604	3784663.9	3781462.1	5.203 mg/L	5.203 mg/L	17:04:00
3	Zn 213.857	7318776.0	7285814.3	5.656 mg/L	5.656 mg/L	17:04:04
3	Fe 238.863	2295451.5	2301942.1	4.885 mg/L	4.885 mg/L	17:04:09
3	Cd 228.802	6902915.9	6902922.5	4.828 mg/L	4.828 mg/L	17:04:13

Mean Data: 17

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-12153.8	0.231 mg/L	0.0202	0.231 mg/L	0.0202	8.74%
Ni 231.604	3832896.1	5.274 mg/L	0.1046	5.274 mg/L	0.1046	1.98%
Zn 213.857	7344258.5	5.708 mg/L	0.0698	5.708 mg/L	0.0698	1.22%
Fe 238.863	2303105.0	4.887 mg/L	0.0561	4.887 mg/L	0.0561	1.15%
Cd 228.802	6894532.1	4.822 mg/L	0.0058	4.822 mg/L	0.0058	0.12%

Sequence No.: 40

Sample ID: 18

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 36

Date Collected: 17.12.2021 17:04:54

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 18

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 18

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
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1	Pd 248.892	-14832.6	-12447.2	0.228 mg/L	0.228 mg/L	17:06:05
1	Ni 231.604	3951670.0	3948468.2	5.435 mg/L	5.435 mg/L	17:06:11
1	Zn 213.857	7370938.2	7337976.6	5.702 mg/L	5.702 mg/L	17:06:15
1	Fe 238.863	2296113.0	2302603.6	4.886 mg/L	4.886 mg/L	17:06:21
1	Cd 228.802	6871129.2	6871135.8	4.806 mg/L	4.806 mg/L	17:06:25
2	Pd 248.892	-17557.0	-15171.6	0.199 mg/L	0.199 mg/L	17:06:30
2	Ni 231.604	3846651.1	3843449.3	5.289 mg/L	5.289 mg/L	17:06:36
2	Zn 213.857	7370229.9	7337268.2	5.702 mg/L	5.702 mg/L	17:06:40
2	Fe 238.863	2283341.6	2289832.2	4.858 mg/L	4.858 mg/L	17:06:45
2	Cd 228.802	6725470.5	6725477.1	4.703 mg/L	4.703 mg/L	17:06:49
3	Pd 248.892	-15673.2	-13287.7	0.219 mg/L	0.219 mg/L	17:06:53
3	Ni 231.604	3903966.8	3900765.0	5.369 mg/L	5.369 mg/L	17:06:57
3	Zn 213.857	7339250.6	7306289.0	5.674 mg/L	5.674 mg/L	17:07:01
3	Fe 238.863	2344569.2	2351059.9	4.993 mg/L	4.993 mg/L	17:07:07
3	Cd 228.802	6891973.7	6891980.3	4.821 mg/L	4.821 mg/L	17:07:10

Mean Data: 18

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-13635.5	0.215 mg/L	0.0148	0.215 mg/L	0.0148	6.87%
Ni 231.604	3897560.8	5.364 mg/L	0.0731	5.364 mg/L	0.0731	1.36%
Zn 213.857	7327177.9	5.693 mg/L	0.0161	5.693 mg/L	0.0161	0.28%
Fe 238.863	2314498.6	4.912 mg/L	0.0714	4.912 mg/L	0.0714	1.45%
Cd 228.802	6829531.1	4.777 mg/L	0.0639	4.777 mg/L	0.0639	1.34%

Sequence No.: 41

Sample ID: 19

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 37

Date Collected: 17.12.2021 17:07:51

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 19

Analyte	Back Pressure	Flow
All	262.0 kPa	0.70 L/min

Replicate Data: 19

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-13615.4	-11230.0	0.240 mg/L	0.240 mg/L	17:09:03
1	Ni 231.604	3931011.1	3927809.3	5.406 mg/L	5.406 mg/L	17:09:08
1	Zn 213.857	7442717.6	7409755.9	5.766 mg/L	5.766 mg/L	17:09:13
1	Fe 238.863	2377175.3	2383665.9	5.065 mg/L	5.065 mg/L	17:09:18
1	Cd 228.802	6969500.9	6969507.5	4.875 mg/L	4.875 mg/L	17:09:22
2	Pd 248.892	-13131.5	-10746.0	0.246 mg/L	0.246 mg/L	17:09:26
2	Ni 231.604	3803213.7	3800011.9	5.229 mg/L	5.229 mg/L	17:09:31
2	Zn 213.857	7483346.3	7450384.6	5.802 mg/L	5.802 mg/L	17:09:36
2	Fe 238.863	2335721.7	2342212.3	4.974 mg/L	4.974 mg/L	17:09:41
2	Cd 228.802	6992577.7	6992584.2	4.891 mg/L	4.891 mg/L	17:09:44
3	Pd 248.892	-17579.9	-15194.4	0.198 mg/L	0.198 mg/L	17:09:48
3	Ni 231.604	3919486.9	3916285.1	5.390 mg/L	5.390 mg/L	17:09:52
3	Zn 213.857	7482390.4	7449428.8	5.801 mg/L	5.801 mg/L	17:09:57
3	Fe 238.863	2289827.6	2296318.2	4.872 mg/L	4.872 mg/L	17:10:02
3	Cd 228.802	6927146.4	6927153.0	4.845 mg/L	4.845 mg/L	17:10:05

Mean Data: 19

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-12390.2	0.228 mg/L	0.0258	0.228 mg/L	0.0258	11.33%
Ni 231.604	3881368.8	5.342 mg/L	0.0983	5.342 mg/L	0.0983	1.84%
Zn 213.857	7436523.1	5.790 mg/L	0.0206	5.790 mg/L	0.0206	0.36%
Fe 238.863	2340732.2	4.970 mg/L	0.0966	4.970 mg/L	0.0966	1.94%
Cd 228.802	6963081.6	4.871 mg/L	0.0234	4.871 mg/L	0.0234	0.48%

Sequence No.: 42

Sample ID: 20 m2

Analyst:

Initial Sample Wt:

Autosampler Location: 38

Date Collected: 17.12.2021 17:10:47

Data Type: Original

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time (before sample): 30

Nebulizer Parameters: 20 m2

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 20 m2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	403615.3	406000.8	4.658 mg/L	4.658 mg/L	17:11:58
1	Ni 231.604	3827070.9	3823869.1	5.262 mg/L	5.262 mg/L	17:12:02
1	Zn 213.857	6947769.1	6914807.5	5.326 mg/L	5.326 mg/L	17:12:07
1	Fe 238.863	1830674.3	1837164.9	3.857 mg/L	3.857 mg/L	17:12:12
1	Cd 228.802	6514940.9	6514947.5	4.555 mg/L	4.555 mg/L	17:12:15
2	Pd 248.892	404857.3	407242.7	4.671 mg/L	4.671 mg/L	17:12:19
2	Ni 231.604	3747344.1	3744142.3	5.151 mg/L	5.151 mg/L	17:12:25
2	Zn 213.857	6932129.2	6899167.6	5.312 mg/L	5.312 mg/L	17:12:30
2	Fe 238.863	1844003.0	1850493.6	3.886 mg/L	3.886 mg/L	17:12:35
2	Cd 228.802	6464110.1	6464116.7	4.519 mg/L	4.519 mg/L	17:12:38
3	Pd 248.892	403916.5	406302.0	4.661 mg/L	4.661 mg/L	17:12:43
3	Ni 231.604	3664979.8	3661778.0	5.037 mg/L	5.037 mg/L	17:12:49
3	Zn 213.857	7039945.6	7006983.9	5.408 mg/L	5.408 mg/L	17:12:53
3	Fe 238.863	1834835.7	1841326.3	3.866 mg/L	3.866 mg/L	17:12:59
3	Cd 228.802	6633540.0	6633546.6	4.639 mg/L	4.639 mg/L	17:13:02

Mean Data: 20 m2

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	406515.2	4.664 mg/L	0.0069	4.664 mg/L	0.0069	0.15%
Ni 231.604	3743263.1	5.150 mg/L	0.1127	5.150 mg/L	0.1127	2.19%
Zn 213.857	6940319.7	5.349 mg/L	0.0518	5.349 mg/L	0.0518	0.97%
Fe 238.863	1842994.9	3.870 mg/L	0.0151	3.870 mg/L	0.0151	0.39%
Cd 228.802	6537536.9	4.571 mg/L	0.0612	4.571 mg/L	0.0612	1.34%

Sequence No.: 43

Autosampler Location: 39

Sample ID: 21

Date Collected: 17.12.2021 17:13:42

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time (before sample): 30

Nebulizer Parameters: 21

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 21

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-13757.0	-11371.6	0.239 mg/L	0.239 mg/L	17:14:53
1	Ni 231.604	3809343.0	3806141.2	5.237 mg/L	5.237 mg/L	17:14:59
1	Zn 213.857	7449193.3	7416231.6	5.772 mg/L	5.772 mg/L	17:15:03
1	Fe 238.863	2091264.1	2097754.8	4.433 mg/L	4.433 mg/L	17:15:09
1	Cd 228.802	6833107.1	6833113.7	4.779 mg/L	4.779 mg/L	17:15:12
2	Pd 248.892	-11508.3	-9122.8	0.263 mg/L	0.263 mg/L	17:15:16
2	Ni 231.604	3693200.8	3689999.0	5.076 mg/L	5.076 mg/L	17:15:21
2	Zn 213.857	7250671.3	7217709.6	5.595 mg/L	5.595 mg/L	17:15:26
2	Fe 238.863	2003415.2	2009905.9	4.239 mg/L	4.239 mg/L	17:15:31
2	Cd 228.802	6925611.4	6925618.0	4.844 mg/L	4.844 mg/L	17:15:35
3	Pd 248.892	-12144.5	-9759.1	0.256 mg/L	0.256 mg/L	17:15:38
3	Ni 231.604	3663519.6	3660317.8	5.034 mg/L	5.034 mg/L	17:15:44
3	Zn 213.857	7299514.1	7266552.5	5.639 mg/L	5.639 mg/L	17:15:48
3	Fe 238.863	2026186.6	2032677.2	4.289 mg/L	4.289 mg/L	17:15:53
3	Cd 228.802	6800028.8	6800035.4	4.756 mg/L	4.756 mg/L	17:15:57

Mean Data: 21

Mean Corrected

Calib.

Sample

Analyte	Intensity	Conc. Units	Std.Dev.	Conc. Units	Std.Dev.	RSD
Pd 248.892	-10084.5	0.253 mg/L	0.0123	0.253 mg/L	0.0123	4.86%
Ni 231.604	3718819.3	5.116 mg/L	0.1071	5.116 mg/L	0.1071	2.09%
Zn 213.857	7300164.6	5.669 mg/L	0.0919	5.669 mg/L	0.0919	1.62%
Fe 238.863	2046779.3	4.320 mg/L	0.1008	4.320 mg/L	0.1008	2.33%
Cd 228.802	6852922.4	4.793 mg/L	0.0458	4.793 mg/L	0.0458	0.96%

Sequence No.: 44

Sample ID: 22

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 40

Date Collected: 17.12.2021 17:16:38

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 22

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 22

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-11527.8	-9142.4	0.263 mg/L	0.263 mg/L	17:17:49
1	Ni 231.604	3725636.1	3722434.3	5.121 mg/L	5.121 mg/L	17:17:55
1	Zn 213.857	7145445.4	7112483.7	5.502 mg/L	5.502 mg/L	17:18:00
1	Fe 238.863	1817530.0	1824020.7	3.828 mg/L	3.828 mg/L	17:18:05
1	Cd 228.802	6639234.7	6639241.2	4.643 mg/L	4.643 mg/L	17:18:08
2	Pd 248.892	-12528.2	-10142.7	0.252 mg/L	0.252 mg/L	17:18:13
2	Ni 231.604	3675130.6	3671928.8	5.051 mg/L	5.051 mg/L	17:18:18
2	Zn 213.857	6976901.7	6943940.0	5.352 mg/L	5.352 mg/L	17:18:22
2	Fe 238.863	1821948.1	1828438.8	3.837 mg/L	3.837 mg/L	17:18:28
2	Cd 228.802	6618539.5	6618546.0	4.628 mg/L	4.628 mg/L	17:18:31
3	Pd 248.892	-13416.7	-11031.3	0.243 mg/L	0.243 mg/L	17:18:35
3	Ni 231.604	3562975.9	3559774.1	4.895 mg/L	4.895 mg/L	17:18:39
3	Zn 213.857	7209178.2	7176216.6	5.558 mg/L	5.558 mg/L	17:18:44
3	Fe 238.863	1881969.9	1888460.5	3.970 mg/L	3.970 mg/L	17:18:48
3	Cd 228.802	6657225.9	6657232.5	4.655 mg/L	4.655 mg/L	17:18:52

Mean Data: 22

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-10105.4	0.252 mg/L	0.0100	0.252 mg/L	0.0100	3.97%
Ni 231.604	3651379.1	5.022 mg/L	0.1157	5.022 mg/L	0.1157	2.30%
Zn 213.857	7077546.8	5.471 mg/L	0.1067	5.471 mg/L	0.1067	1.95%
Fe 238.863	1846973.3	3.878 mg/L	0.0796	3.878 mg/L	0.0796	2.05%
Cd 228.802	6638339.9	4.642 mg/L	0.0136	4.642 mg/L	0.0136	0.29%

Sequence No.: 45

Sample ID: 23

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 41

Date Collected: 17.12.2021 17:19:33

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 23

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 23

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-14377.2	-11991.8	0.232 mg/L	0.232 mg/L	17:20:44
1	Ni 231.604	3753459.6	3750257.8	5.160 mg/L	5.160 mg/L	17:20:48
1	Zn 213.857	7188698.8	7155737.2	5.540 mg/L	5.540 mg/L	17:20:53
1	Fe 238.863	1803165.5	1809656.1	3.796 mg/L	3.796 mg/L	17:20:57
1	Cd 228.802	6639376.8	6639383.4	4.643 mg/L	4.643 mg/L	17:21:02
2	Pd 248.892	-10264.6	-7879.1	0.276 mg/L	0.276 mg/L	17:21:06
2	Ni 231.604	3618687.0	3615485.2	4.972 mg/L	4.972 mg/L	17:21:11

2	Zn 213.857	7164129.5	7131167.8	5.518 mg/L	5.518 mg/L	17:21:16
2	Fe 238.863	1799568.6	1806059.2	3.788 mg/L	3.788 mg/L	17:21:20
2	Cd 228.802	6516266.4	6516273.0	4.556 mg/L	4.556 mg/L	17:21:25
3	Pd 248.892	-10907.6	-8522.2	0.269 mg/L	0.269 mg/L	17:21:29
3	Ni 231.604	3661911.5	3658709.7	5.032 mg/L	5.032 mg/L	17:21:34
3	Zn 213.857	7183794.0	7150832.3	5.536 mg/L	5.536 mg/L	17:21:39
3	Fe 238.863	1820152.4	1826643.0	3.833 mg/L	3.833 mg/L	17:21:44
3	Cd 228.802	6625495.6	6625502.2	4.633 mg/L	4.633 mg/L	17:21:47

Mean Data: 23

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-9464.4	0.259 mg/L	0.0234	0.259 mg/L	0.0234	9.04%
Ni 231.604	3674817.5	5.055 mg/L	0.0956	5.055 mg/L	0.0956	1.89%
Zn 213.857	7145912.4	5.532 mg/L	0.0116	5.532 mg/L	0.0116	0.21%
Fe 238.863	1814119.5	3.806 mg/L	0.0243	3.806 mg/L	0.0243	0.64%
Cd 228.802	6593719.5	4.611 mg/L	0.0475	4.611 mg/L	0.0475	1.03%

Sequence No.: 46

Sample ID: 24

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 42

Date Collected: 17.12.2021 17:22:29

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 24

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 24

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-15293.1	-12907.6	0.223 mg/L	0.223 mg/L	17:23:40
1	Ni 231.604	3794272.2	3791070.4	5.216 mg/L	5.216 mg/L	17:23:44
1	Zn 213.857	7115383.2	7082421.6	5.475 mg/L	5.475 mg/L	17:23:49
1	Fe 238.863	1784150.0	1790640.7	3.754 mg/L	3.754 mg/L	17:23:54
1	Cd 228.802	6583165.5	6583172.1	4.603 mg/L	4.603 mg/L	17:23:58
2	Pd 248.892	-10579.0	-8193.5	0.273 mg/L	0.273 mg/L	17:24:02
2	Ni 231.604	3596147.0	3592945.2	4.941 mg/L	4.941 mg/L	17:24:07
2	Zn 213.857	7115535.8	7082574.2	5.475 mg/L	5.475 mg/L	17:24:12
2	Fe 238.863	1810389.1	1816879.7	3.812 mg/L	3.812 mg/L	17:24:17
2	Cd 228.802	6552935.3	6552941.9	4.582 mg/L	4.582 mg/L	17:24:20
3	Pd 248.892	-13249.7	-10864.3	0.244 mg/L	0.244 mg/L	17:24:25
3	Ni 231.604	3596396.2	3593194.4	4.941 mg/L	4.941 mg/L	17:24:30
3	Zn 213.857	7063908.2	7030946.6	5.429 mg/L	5.429 mg/L	17:24:34
3	Fe 238.863	1832536.2	1839026.8	3.861 mg/L	3.861 mg/L	17:24:40
3	Cd 228.802	6641819.0	6641825.6	4.644 mg/L	4.644 mg/L	17:24:43

Mean Data: 24

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-10655.1	0.247 mg/L	0.0250	0.247 mg/L	0.0250	10.15%
Ni 231.604	3659070.0	5.033 mg/L	0.1589	5.033 mg/L	0.1589	3.16%
Zn 213.857	7065314.1	5.460 mg/L	0.0265	5.460 mg/L	0.0265	0.48%
Fe 238.863	1815515.7	3.809 mg/L	0.0536	3.809 mg/L	0.0536	1.41%
Cd 228.802	6592646.5	4.610 mg/L	0.0318	4.610 mg/L	0.0318	0.69%

Sequence No.: 47

Sample ID: 25

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 43

Date Collected: 17.12.2021 17:25:23

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 25

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 25

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-11796.6	-9411.1	0.260 mg/L	0.260 mg/L	17:26:35
1	Ni 231.604	3720116.5	3716914.7	5.113 mg/L	5.113 mg/L	17:26:40
1	Zn 213.857	6963112.7	6930151.0	5.340 mg/L	5.340 mg/L	17:26:45
1	Fe 238.863	1802330.9	1808821.6	3.794 mg/L	3.794 mg/L	17:26:50
1	Cd 228.802	6587191.2	6587197.7	4.606 mg/L	4.606 mg/L	17:26:55
2	Pd 248.892	-10747.3	-8361.8	0.271 mg/L	0.271 mg/L	17:26:59
2	Ni 231.604	3593632.2	3590430.4	4.937 mg/L	4.937 mg/L	17:27:04
2	Zn 213.857	7027801.5	6994839.8	5.397 mg/L	5.397 mg/L	17:27:09
2	Fe 238.863	1775799.5	1782290.2	3.735 mg/L	3.735 mg/L	17:27:14
2	Cd 228.802	6509154.5	6509161.1	4.551 mg/L	4.551 mg/L	17:27:17
3	Pd 248.892	-12470.7	-10085.2	0.253 mg/L	0.253 mg/L	17:27:21
3	Ni 231.604	3667020.4	3663818.6	5.039 mg/L	5.039 mg/L	17:27:27
3	Zn 213.857	7052497.0	7019535.3	5.419 mg/L	5.419 mg/L	17:27:31
3	Fe 238.863	1867736.2	1874226.9	3.939 mg/L	3.939 mg/L	17:27:37
3	Cd 228.802	6654615.0	6654621.6	4.653 mg/L	4.653 mg/L	17:27:40

Mean Data: 25

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-9286.1	0.261 mg/L	0.0092	0.261 mg/L	0.0092	3.52%
Ni 231.604	3657054.6	5.030 mg/L	0.0883	5.030 mg/L	0.0883	1.76%
Zn 213.857	6981508.7	5.385 mg/L	0.0410	5.385 mg/L	0.0410	0.76%
Fe 238.863	1821779.5	3.823 mg/L	0.1047	3.823 mg/L	0.1047	2.74%
Cd 228.802	6583660.1	4.603 mg/L	0.0513	4.603 mg/L	0.0513	1.11%

Sequence No.: 48

Sample ID: 26

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 44

Date Collected: 17.12.2021 17:28:21

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 26

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 26

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-15077.8	-12692.4	0.225 mg/L	0.225 mg/L	17:29:32
1	Ni 231.604	3772538.1	3769336.3	5.186 mg/L	5.186 mg/L	17:29:37
1	Zn 213.857	7174823.2	7141861.5	5.528 mg/L	5.528 mg/L	17:29:42
1	Fe 238.863	1812200.4	1818691.1	3.816 mg/L	3.816 mg/L	17:29:47
1	Cd 228.802	6686517.2	6686523.8	4.676 mg/L	4.676 mg/L	17:29:50
2	Pd 248.892	-10966.6	-8581.1	0.268 mg/L	0.268 mg/L	17:29:55
2	Ni 231.604	3669794.3	3666592.5	5.043 mg/L	5.043 mg/L	17:30:01
2	Zn 213.857	7212523.5	7179561.8	5.561 mg/L	5.561 mg/L	17:30:06
2	Fe 238.863	1800696.7	1807187.3	3.790 mg/L	3.790 mg/L	17:30:11
2	Cd 228.802	6550906.7	6550913.2	4.580 mg/L	4.580 mg/L	17:30:14
3	Pd 248.892	-13501.4	-11116.0	0.242 mg/L	0.242 mg/L	17:30:19
3	Ni 231.604	3586492.7	3583290.9	4.927 mg/L	4.927 mg/L	17:30:24
3	Zn 213.857	7221838.9	7188877.2	5.570 mg/L	5.570 mg/L	17:30:28
3	Fe 238.863	1839802.3	1846292.9	3.877 mg/L	3.877 mg/L	17:30:33
3	Cd 228.802	6702880.7	6702887.3	4.687 mg/L	4.687 mg/L	17:30:37

Mean Data: 26

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-10796.5	0.245 mg/L	0.0220	0.245 mg/L	0.0220	8.96%
Ni 231.604	3673073.2	5.052 mg/L	0.1295	5.052 mg/L	0.1295	2.56%
Zn 213.857	7170100.2	5.553 mg/L	0.0221	5.553 mg/L	0.0221	0.40%
Fe 238.863	1824057.1	3.828 mg/L	0.0444	3.828 mg/L	0.0444	1.16%
Cd 228.802	6646774.8	4.648 mg/L	0.0587	4.648 mg/L	0.0587	1.26%

Initialize Optics completed successfully

Sequence No.: 49

Sample ID: 27

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 45

Date Collected: 17.12.2021 17:37:27

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 27

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 27

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-15656.6	-13271.1	0.219 mg/L	0.219 mg/L	17:38:40
1	Ni 231.604	3728870.6	3725668.8	5.125 mg/L	5.125 mg/L	17:38:46
1	Zn 213.857	6792078.3	6759116.7	5.188 mg/L	5.188 mg/L	17:38:49
1	Fe 238.863	1794946.1	1801436.8	3.778 mg/L	3.778 mg/L	17:38:55
1	Cd 228.802	6422160.2	6422166.8	4.490 mg/L	4.490 mg/L	17:38:58
2	Pd 248.892	-10942.4	-8556.9	0.269 mg/L	0.269 mg/L	17:39:03
2	Ni 231.604	3622842.5	3619640.7	4.978 mg/L	4.978 mg/L	17:39:09
2	Zn 213.857	6860202.9	6827241.3	5.248 mg/L	5.248 mg/L	17:39:13
2	Fe 238.863	1784348.3	1790838.9	3.754 mg/L	3.754 mg/L	17:39:19
2	Cd 228.802	6484410.8	6484417.3	4.534 mg/L	4.534 mg/L	17:39:23
3	Pd 248.892	-12481.6	-10096.2	0.252 mg/L	0.252 mg/L	17:39:28
3	Ni 231.604	3605199.6	3601997.8	4.953 mg/L	4.953 mg/L	17:39:32
3	Zn 213.857	7128129.9	7095168.2	5.486 mg/L	5.486 mg/L	17:39:37
3	Fe 238.863	1784423.3	1790914.0	3.754 mg/L	3.754 mg/L	17:39:42
3	Cd 228.802	6537693.1	6537699.7	4.571 mg/L	4.571 mg/L	17:39:45

Mean Data: 27

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-10641.4	0.247 mg/L	0.0255	0.247 mg/L	0.0255	10.32%
Ni 231.604	3649102.4	5.019 mg/L	0.0930	5.019 mg/L	0.0930	1.85%
Zn 213.857	6893842.0	5.308 mg/L	0.1579	5.308 mg/L	0.1579	2.97%
Fe 238.863	1794396.6	3.762 mg/L	0.0135	3.762 mg/L	0.0135	0.36%
Cd 228.802	6481427.9	4.531 mg/L	0.0407	4.531 mg/L	0.0407	0.90%

Sequence No.: 50

Sample ID: 28

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 46

Date Collected: 17.12.2021 17:40:26

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 28

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 28

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-10855.8	-8470.4	0.270 mg/L	0.270 mg/L	17:41:38
1	Ni 231.604	3713194.5	3709992.7	5.104 mg/L	5.104 mg/L	17:41:43
1	Zn 213.857	7051959.4	7018997.7	5.419 mg/L	5.419 mg/L	17:41:48
1	Fe 238.863	1818587.9	1825078.6	3.830 mg/L	3.830 mg/L	17:41:53
1	Cd 228.802	6444832.3	6444838.9	4.506 mg/L	4.506 mg/L	17:41:57
2	Pd 248.892	-10943.3	-8557.8	0.269 mg/L	0.269 mg/L	17:42:01
2	Ni 231.604	3609170.8	3605969.0	4.959 mg/L	4.959 mg/L	17:42:06
2	Zn 213.857	6821768.2	6788806.6	5.214 mg/L	5.214 mg/L	17:42:11
2	Fe 238.863	1755409.3	1761900.0	3.690 mg/L	3.690 mg/L	17:42:16
2	Cd 228.802	6586385.1	6586391.7	4.605 mg/L	4.605 mg/L	17:42:19
3	Pd 248.892	-15097.6	-12712.1	0.225 mg/L	0.225 mg/L	17:42:23
3	Ni 231.604	3657618.7	3654416.9	5.026 mg/L	5.026 mg/L	17:42:28
3	Zn 213.857	7009156.4	6976194.8	5.381 mg/L	5.381 mg/L	17:42:32

3	Fe 238.863	1808867.8	1815358.4	3.808 mg/L	3.808 mg/L	17:42:38
3	Cd 228.802	6642562.4	6642569.0	4.645 mg/L	4.645 mg/L	17:42:41

Mean Data: 28

Analyte	Mean Corrected Intensity	Conc. Units	Calib. Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-9913.4	0.254 mg/L	0.0257	0.254 mg/L	0.0257	10.09%
Ni 231.604	3656792.9	5.030 mg/L	0.0724	5.030 mg/L	0.0724	1.44%
Zn 213.857	6927999.7	5.338 mg/L	0.1088	5.338 mg/L	0.1088	2.04%
Fe 238.863	1800779.0	3.776 mg/L	0.0752	3.776 mg/L	0.0752	1.99%
Cd 228.802	6557933.2	4.585 mg/L	0.0718	4.585 mg/L	0.0718	1.56%

Sequence No.: 51

Sample ID: 29

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 47

Date Collected: 17.12.2021 17:43:22

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 29

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 29

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-10771.9	-8386.5	0.271 mg/L	0.271 mg/L	0.271 mg/L	17:44:33
1	Ni 231.604	3709638.3	3706436.5	5.099 mg/L	5.099 mg/L	5.099 mg/L	17:44:39
1	Zn 213.857	7096119.8	7063158.2	5.458 mg/L	5.458 mg/L	5.458 mg/L	17:44:44
1	Fe 238.863	1796434.5	1802925.2	3.781 mg/L	3.781 mg/L	3.781 mg/L	17:44:49
1	Cd 228.802	6507679.3	6507685.9	4.550 mg/L	4.550 mg/L	4.550 mg/L	17:44:52
2	Pd 248.892	-11314.1	-8928.7	0.265 mg/L	0.265 mg/L	0.265 mg/L	17:44:56
2	Ni 231.604	3631604.4	3628402.6	4.990 mg/L	4.990 mg/L	4.990 mg/L	17:45:02
2	Zn 213.857	6809771.5	6776809.8	5.203 mg/L	5.203 mg/L	5.203 mg/L	17:45:06
2	Fe 238.863	1836649.0	1843139.7	3.870 mg/L	3.870 mg/L	3.870 mg/L	17:45:12
2	Cd 228.802	6515042.4	6515049.0	4.555 mg/L	4.555 mg/L	4.555 mg/L	17:45:15
3	Pd 248.892	-15488.0	-13102.5	0.221 mg/L	0.221 mg/L	0.221 mg/L	17:45:19
3	Ni 231.604	3705982.3	3702780.5	5.094 mg/L	5.094 mg/L	5.094 mg/L	17:45:23
3	Zn 213.857	7004336.5	6971374.9	5.376 mg/L	5.376 mg/L	5.376 mg/L	17:45:28
3	Fe 238.863	1828372.6	1834863.3	3.852 mg/L	3.852 mg/L	3.852 mg/L	17:45:33
3	Cd 228.802	6443525.3	6443531.9	4.505 mg/L	4.505 mg/L	4.505 mg/L	17:45:36

Mean Data: 29

Analyte	Mean Corrected Intensity	Conc. Units	Calib. Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-10139.2	0.252 mg/L	0.0273	0.252 mg/L	0.0273	10.84%
Ni 231.604	3679206.5	5.061 mg/L	0.0612	5.061 mg/L	0.0612	1.21%
Zn 213.857	6937114.3	5.346 mg/L	0.1300	5.346 mg/L	0.1300	2.43%
Fe 238.863	1826976.0	3.834 mg/L	0.0470	3.834 mg/L	0.0470	1.22%
Cd 228.802	6488755.6	4.537 mg/L	0.0277	4.537 mg/L	0.0277	0.61%

Sequence No.: 52

Sample ID: 30

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 48

Date Collected: 17.12.2021 17:46:17

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 30

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 30

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-11312.5	-8927.0	0.265 mg/L	0.265 mg/L	0.265 mg/L	17:47:29

1	Ni 231.604	3690651.6	3687449.8	5.072 mg/L	5.072 mg/L	17:47:35
1	Zn 213.857	6936753.5	6903791.8	5.316 mg/L	5.316 mg/L	17:47:39
1	Fe 238.863	1806205.8	1812696.5	3.803 mg/L	3.803 mg/L	17:47:45
1	Cd 228.802	6402902.2	6402908.8	4.476 mg/L	4.476 mg/L	17:47:48
2	Pd 248.892	-13854.4	-11469.0	0.238 mg/L	0.238 mg/L	17:47:52
2	Ni 231.604	3618447.1	3615245.3	4.972 mg/L	4.972 mg/L	17:47:58
2	Zn 213.857	7021208.8	6988247.1	5.391 mg/L	5.391 mg/L	17:48:02
2	Fe 238.863	1804070.2	1810560.9	3.798 mg/L	3.798 mg/L	17:48:06
2	Cd 228.802	6516513.1	6516519.7	4.556 mg/L	4.556 mg/L	17:48:10
3	Pd 248.892	-15014.1	-12628.7	0.226 mg/L	0.226 mg/L	17:48:15
3	Ni 231.604	3696111.0	3692909.2	5.080 mg/L	5.080 mg/L	17:48:19
3	Zn 213.857	7068815.5	7035853.9	5.434 mg/L	5.434 mg/L	17:48:24
3	Fe 238.863	1829245.4	1835736.1	3.853 mg/L	3.853 mg/L	17:48:29
3	Cd 228.802	6566812.8	6566819.4	4.592 mg/L	4.592 mg/L	17:48:32

Mean Data: 30

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-11008.2	0.243 mg/L	0.0200	0.243 mg/L	0.0200	8.26%
Ni 231.604	3665201.4	5.041 mg/L	0.0603	5.041 mg/L	0.0603	1.20%
Zn 213.857	6975964.3	5.381 mg/L	0.0594	5.381 mg/L	0.0594	1.10%
Fe 238.863	1819664.5	3.818 mg/L	0.0309	3.818 mg/L	0.0309	0.81%
Cd 228.802	6495416.0	4.541 mg/L	0.0591	4.541 mg/L	0.0591	1.30%

Sequence No.: 53

Sample ID: 31

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 49

Date Collected: 17.12.2021 17:49:13

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 31

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 31

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-14614.0	-12228.6	0.230 mg/L	0.230 mg/L	17:50:25
1	Ni 231.604	3770694.0	3767492.2	5.183 mg/L	5.183 mg/L	17:50:29
1	Zn 213.857	7035070.9	7002109.3	5.404 mg/L	5.404 mg/L	17:50:34
1	Fe 238.863	1823546.7	1830037.4	3.841 mg/L	3.841 mg/L	17:50:39
1	Cd 228.802	6543918.6	6543925.2	4.575 mg/L	4.575 mg/L	17:50:42
2	Pd 248.892	-10562.8	-8177.3	0.273 mg/L	0.273 mg/L	17:50:46
2	Ni 231.604	3707560.0	3704358.1	5.096 mg/L	5.096 mg/L	17:50:52
2	Zn 213.857	6910238.5	6877276.9	5.293 mg/L	5.293 mg/L	17:50:56
2	Fe 238.863	1837365.3	1843855.9	3.871 mg/L	3.871 mg/L	17:51:02
2	Cd 228.802	6568996.0	6569002.6	4.593 mg/L	4.593 mg/L	17:51:05
3	Pd 248.892	-13817.7	-11432.2	0.238 mg/L	0.238 mg/L	17:51:09
3	Ni 231.604	3679813.8	3676612.0	5.057 mg/L	5.057 mg/L	17:51:13
3	Zn 213.857	7127107.0	7094145.3	5.486 mg/L	5.486 mg/L	17:51:18
3	Fe 238.863	1822610.1	1829100.7	3.839 mg/L	3.839 mg/L	17:51:23
3	Cd 228.802	6464768.7	6464775.2	4.520 mg/L	4.520 mg/L	17:51:26

Mean Data: 31

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-10612.7	0.247 mg/L	0.0227	0.247 mg/L	0.0227	9.20%
Ni 231.604	3716154.1	5.112 mg/L	0.0647	5.112 mg/L	0.0647	1.27%
Zn 213.857	6991177.2	5.394 mg/L	0.0967	5.394 mg/L	0.0967	1.79%
Fe 238.863	1834331.3	3.850 mg/L	0.0183	3.850 mg/L	0.0183	0.47%
Cd 228.802	6525901.0	4.563 mg/L	0.0383	4.563 mg/L	0.0383	0.84%

Sequence No.: 54

Sample ID: 32

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 50

Date Collected: 17.12.2021 17:52:08

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Wash Time (before sample): 30

Nebulizer Parameters: 32

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 32

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-11758.4	-9373.0	0.260 mg/L	0.260 mg/L	17:53:19
1	Ni 231.604	3745932.2	3742730.4	5.149 mg/L	5.149 mg/L	17:53:25
1	Zn 213.857	6961078.4	6928116.7	5.338 mg/L	5.338 mg/L	17:53:29
1	Fe 238.863	1824285.5	1830776.1	3.842 mg/L	3.842 mg/L	17:53:35
1	Cd 228.802	6515928.1	6515934.7	4.556 mg/L	4.556 mg/L	17:53:38
2	Pd 248.892	-13808.9	-11423.4	0.238 mg/L	0.238 mg/L	17:53:42
2	Ni 231.604	3703077.9	3699876.1	5.089 mg/L	5.089 mg/L	17:53:47
2	Zn 213.857	6942040.0	6909078.3	5.321 mg/L	5.321 mg/L	17:53:51
2	Fe 238.863	1871308.0	1877798.6	3.946 mg/L	3.946 mg/L	17:53:56
2	Cd 228.802	6516593.9	6516600.5	4.556 mg/L	4.556 mg/L	17:54:01
3	Pd 248.892	-10516.0	-8130.5	0.273 mg/L	0.273 mg/L	17:54:06
3	Ni 231.604	3782944.8	3779743.0	5.200 mg/L	5.200 mg/L	17:54:11
3	Zn 213.857	7136222.5	7103260.8	5.494 mg/L	5.494 mg/L	17:54:16
3	Fe 238.863	1811417.7	1817908.4	3.814 mg/L	3.814 mg/L	17:54:21
3	Cd 228.802	6612010.1	6612016.7	4.623 mg/L	4.623 mg/L	17:54:24

Mean Data: 32

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-9642.3	0.257 mg/L	0.0176	0.257 mg/L	0.0176	6.84%
Ni 231.604	3740783.2	5.146 mg/L	0.0556	5.146 mg/L	0.0556	1.08%
Zn 213.857	6980152.0	5.384 mg/L	0.0951	5.384 mg/L	0.0951	1.77%
Fe 238.863	1842161.0	3.868 mg/L	0.0697	3.868 mg/L	0.0697	1.80%
Cd 228.802	6548183.9	4.578 mg/L	0.0389	4.578 mg/L	0.0389	0.85%

Sequence No.: 55

Sample ID: 33

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 51

Date Collected: 17.12.2021 17:55:05

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 33

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 33

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-12084.7	-9699.2	0.257 mg/L	0.257 mg/L	17:56:16
1	Ni 231.604	3777299.5	3774097.7	5.193 mg/L	5.193 mg/L	17:56:22
1	Zn 213.857	7266853.3	7233891.6	5.610 mg/L	5.610 mg/L	17:56:26
1	Fe 238.863	1831272.0	1837762.6	3.858 mg/L	3.858 mg/L	17:56:32
1	Cd 228.802	6595665.1	6595671.7	4.612 mg/L	4.612 mg/L	17:56:35
2	Pd 248.892	-14401.2	-12015.7	0.232 mg/L	0.232 mg/L	17:56:39
2	Ni 231.604	3685813.5	3682611.7	5.065 mg/L	5.065 mg/L	17:56:44
2	Zn 213.857	7142364.6	7109402.9	5.499 mg/L	5.499 mg/L	17:56:48
2	Fe 238.863	1782026.9	1788517.6	3.749 mg/L	3.749 mg/L	17:56:53
2	Cd 228.802	6604399.1	6604405.7	4.618 mg/L	4.618 mg/L	17:56:56
3	Pd 248.892	-9730.4	-7345.0	0.282 mg/L	0.282 mg/L	17:57:00
3	Ni 231.604	3772631.5	3769429.7	5.186 mg/L	5.186 mg/L	17:57:06
3	Zn 213.857	7176957.8	7143996.2	5.530 mg/L	5.530 mg/L	17:57:11
3	Fe 238.863	1810947.0	1817437.6	3.813 mg/L	3.813 mg/L	17:57:16
3	Cd 228.802	6525142.6	6525149.2	4.562 mg/L	4.562 mg/L	17:57:20

Mean Data: 33

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
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Pd 248.892	-9686.6	0.257 mg/L	0.0247	0.257 mg/L	0.0247	9.63%
Ni 231.604	3742046.3	5.148 mg/L	0.0716	5.148 mg/L	0.0716	1.39%
Zn 213.857	7162430.2	5.546 mg/L	0.0571	5.546 mg/L	0.0571	1.03%
Fe 238.863	1814572.6	3.807 mg/L	0.0547	3.807 mg/L	0.0547	1.44%
Cd 228.802	6575075.5	4.597 mg/L	0.0306	4.597 mg/L	0.0306	0.67%

Sequence No.: 56

Autosampler Location: 52

Sample ID: 34

Date Collected: 17.12.2021 17:58:02

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time (before sample): 30

Nebulizer Parameters: 34

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 34

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-11196.0	-8810.6	0.266 mg/L	0.266 mg/L	17:59:13
1	Ni 231.604	3730254.3	3727052.5	5.127 mg/L	5.127 mg/L	17:59:19
1	Zn 213.857	7173651.2	7140689.5	5.527 mg/L	5.527 mg/L	17:59:23
1	Fe 238.863	1828716.8	1835207.5	3.852 mg/L	3.852 mg/L	17:59:28
1	Cd 228.802	6554066.7	6554073.3	4.583 mg/L	4.583 mg/L	17:59:32
2	Pd 248.892	-11639.9	-9254.4	0.261 mg/L	0.261 mg/L	17:59:36
2	Ni 231.604	3721641.5	3718439.6	5.115 mg/L	5.115 mg/L	17:59:41
2	Zn 213.857	6867596.7	6834635.0	5.255 mg/L	5.255 mg/L	17:59:46
2	Fe 238.863	1828353.0	1834843.7	3.851 mg/L	3.851 mg/L	17:59:51
2	Cd 228.802	6668276.5	6668283.1	4.663 mg/L	4.663 mg/L	17:59:54
3	Pd 248.892	-9851.3	-7465.9	0.280 mg/L	0.280 mg/L	17:59:59
3	Ni 231.604	3776413.2	3773211.4	5.191 mg/L	5.191 mg/L	18:00:05
3	Zn 213.857	7075405.1	7042443.4	5.440 mg/L	5.440 mg/L	18:00:09
3	Fe 238.863	1810793.6	1817284.2	3.813 mg/L	3.813 mg/L	18:00:15
3	Cd 228.802	6424522.0	6424528.6	4.491 mg/L	4.491 mg/L	18:00:18

Mean Data: 34

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-8510.3	0.269 mg/L	0.0099	0.269 mg/L	0.0099	3.66%
Ni 231.604	3739567.9	5.145 mg/L	0.0409	5.145 mg/L	0.0409	0.80%
Zn 213.857	7005922.7	5.407 mg/L	0.1389	5.407 mg/L	0.1389	2.57%
Fe 238.863	1829111.8	3.839 mg/L	0.0227	3.839 mg/L	0.0227	0.59%
Cd 228.802	6548961.7	4.579 mg/L	0.0859	4.579 mg/L	0.0859	1.88%

Sequence No.: 57

Autosampler Location: 53

Sample ID: 35

Date Collected: 17.12.2021 18:00:59

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time (before sample): 30

Nebulizer Parameters: 35

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 35

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-11516.7	-9131.2	0.263 mg/L	0.263 mg/L	18:02:10
1	Ni 231.604	3754185.6	3750983.8	5.161 mg/L	5.161 mg/L	18:02:16
1	Zn 213.857	6956896.3	6923934.7	5.334 mg/L	5.334 mg/L	18:02:20
1	Fe 238.863	1806143.1	1812633.7	3.802 mg/L	3.802 mg/L	18:02:26
1	Cd 228.802	6419513.9	6419520.5	4.488 mg/L	4.488 mg/L	18:02:29
2	Pd 248.892	-14206.6	-11821.1	0.234 mg/L	0.234 mg/L	18:02:33
2	Ni 231.604	3657355.9	3654154.1	5.026 mg/L	5.026 mg/L	18:02:37
2	Zn 213.857	6991834.0	6958872.4	5.365 mg/L	5.365 mg/L	18:02:42

2	Fe 238.863	1826916.7	1833407.3	3.848 mg/L	3.848 mg/L	18:02:47
2	Cd 228.802	6462091.7	6462098.3	4.518 mg/L	4.518 mg/L	18:02:50
3	Pd 248.892	-11110.6	-8725.1	0.267 mg/L	0.267 mg/L	18:02:54
3	Ni 231.604	3717934.2	3714732.4	5.110 mg/L	5.110 mg/L	18:03:00
3	Zn 213.857	6901650.6	6868689.0	5.285 mg/L	5.285 mg/L	18:03:04
3	Fe 238.863	1804079.5	1810570.1	3.798 mg/L	3.798 mg/L	18:03:10
3	Cd 228.802	6454372.7	6454379.3	4.512 mg/L	4.512 mg/L	18:03:14

Mean Data: 35

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-9892.5	0.255 mg/L	0.0178	0.255 mg/L	0.0178	7.00%
Ni 231.604	3706623.4	5.099 mg/L	0.0680	5.099 mg/L	0.0680	1.33%
Zn 213.857	6917165.3	5.328 mg/L	0.0404	5.328 mg/L	0.0404	0.76%
Fe 238.863	1818870.4	3.816 mg/L	0.0279	3.816 mg/L	0.0279	0.73%
Cd 228.802	6445332.7	4.506 mg/L	0.0160	4.506 mg/L	0.0160	0.35%

Sequence No.: 58

Sample ID: 36

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 54

Date Collected: 17.12.2021 18:03:55

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 36

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 36

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-12473.3	-10087.8	0.253 mg/L	0.253 mg/L	18:05:06
1	Ni 231.604	3758868.1	3755666.3	5.167 mg/L	5.167 mg/L	18:05:11
1	Zn 213.857	7041242.5	7008280.9	5.409 mg/L	5.409 mg/L	18:05:16
1	Fe 238.863	1810322.4	1816813.1	3.812 mg/L	3.812 mg/L	18:05:20
1	Cd 228.802	6578339.1	6578345.7	4.600 mg/L	4.600 mg/L	18:05:24
2	Pd 248.892	-12754.6	-10369.2	0.250 mg/L	0.250 mg/L	18:05:28
2	Ni 231.604	3645545.0	3642343.2	5.010 mg/L	5.010 mg/L	18:05:33
2	Zn 213.857	7020370.2	6987408.5	5.391 mg/L	5.391 mg/L	18:05:38
2	Fe 238.863	1743555.7	1750046.4	3.664 mg/L	3.664 mg/L	18:05:43
2	Cd 228.802	6576734.7	6576741.3	4.599 mg/L	4.599 mg/L	18:05:46
3	Pd 248.892	-14651.0	-12265.5	0.229 mg/L	0.229 mg/L	18:05:50
3	Ni 231.604	3710022.8	3706821.0	5.099 mg/L	5.099 mg/L	18:05:55
3	Zn 213.857	7028601.1	6995639.5	5.398 mg/L	5.398 mg/L	18:05:59
3	Fe 238.863	1840243.1	1846733.7	3.878 mg/L	3.878 mg/L	18:06:03
3	Cd 228.802	6428699.4	6428706.0	4.494 mg/L	4.494 mg/L	18:06:08

Mean Data: 36

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-10907.5	0.244 mg/L	0.0125	0.244 mg/L	0.0125	5.14%
Ni 231.604	3701610.2	5.092 mg/L	0.0790	5.092 mg/L	0.0790	1.55%
Zn 213.857	6997109.6	5.399 mg/L	0.0093	5.399 mg/L	0.0093	0.17%
Fe 238.863	1804531.1	3.784 mg/L	0.1095	3.784 mg/L	0.1095	2.89%
Cd 228.802	6527931.0	4.564 mg/L	0.0605	4.564 mg/L	0.0605	1.33%

Sequence No.: 59

Sample ID: 37

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 55

Date Collected: 17.12.2021 18:06:49

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 37

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 37

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-11560.5	-9175.1	0.262 mg/L	0.262 mg/L	18:08:00
1	Ni 231.604	3739181.7	3735979.9	5.140 mg/L	5.140 mg/L	18:08:05
1	Zn 213.857	6926477.8	6893516.2	5.307 mg/L	5.307 mg/L	18:08:10
1	Fe 238.863	1836527.9	1843018.5	3.870 mg/L	3.870 mg/L	18:08:15
1	Cd 228.802	6436667.4	6436674.0	4.500 mg/L	4.500 mg/L	18:08:19
2	Pd 248.892	-14101.8	-11716.4	0.235 mg/L	0.235 mg/L	18:08:23
2	Ni 231.604	3740549.3	3737347.5	5.142 mg/L	5.142 mg/L	18:08:27
2	Zn 213.857	6989075.4	6956113.7	5.363 mg/L	5.363 mg/L	18:08:32
2	Fe 238.863	1817161.0	1823651.6	3.827 mg/L	3.827 mg/L	18:08:36
2	Cd 228.802	6533838.3	6533844.8	4.568 mg/L	4.568 mg/L	18:08:40
3	Pd 248.892	-13905.9	-11520.5	0.237 mg/L	0.237 mg/L	18:08:44
3	Ni 231.604	3763395.3	3760193.5	5.173 mg/L	5.173 mg/L	18:08:50
3	Zn 213.857	7161210.4	7128248.8	5.516 mg/L	5.516 mg/L	18:08:54
3	Fe 238.863	1834579.1	1841069.8	3.865 mg/L	3.865 mg/L	18:09:00
3	Cd 228.802	6606159.5	6606166.1	4.619 mg/L	4.619 mg/L	18:09:03

Mean Data: 37

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-10804.0	0.245 mg/L	0.0150	0.245 mg/L	0.0150	6.11%
Ni 231.604	3744506.9	5.152 mg/L	0.0189	5.152 mg/L	0.0189	0.37%
Zn 213.857	6992626.2	5.395 mg/L	0.1080	5.395 mg/L	0.1080	2.00%
Fe 238.863	1835913.3	3.854 mg/L	0.0236	3.854 mg/L	0.0236	0.61%
Cd 228.802	6525561.6	4.563 mg/L	0.0599	4.563 mg/L	0.0599	1.31%

Sequence No.: 60

Sample ID: 38

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 56

Date Collected: 17.12.2021 18:09:45

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 38

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 38

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-13132.8	-10747.4	0.246 mg/L	0.246 mg/L	18:10:56
1	Ni 231.604	3831540.1	3828338.3	5.268 mg/L	5.268 mg/L	18:11:01
1	Zn 213.857	6975998.2	6943036.6	5.351 mg/L	5.351 mg/L	18:11:05
1	Fe 238.863	1822712.5	1829203.1	3.839 mg/L	3.839 mg/L	18:11:11
1	Cd 228.802	6610046.6	6610053.2	4.622 mg/L	4.622 mg/L	18:11:14
2	Pd 248.892	-12369.5	-9984.0	0.254 mg/L	0.254 mg/L	18:11:19
2	Ni 231.604	3648347.8	3645146.0	5.013 mg/L	5.013 mg/L	18:11:24
2	Zn 213.857	6996136.3	6963174.6	5.369 mg/L	5.369 mg/L	18:11:28
2	Fe 238.863	1792528.2	1799018.9	3.772 mg/L	3.772 mg/L	18:11:33
2	Cd 228.802	6525798.2	6525804.8	4.563 mg/L	4.563 mg/L	18:11:37
3	Pd 248.892	-11220.0	-8834.6	0.266 mg/L	0.266 mg/L	18:11:40
3	Ni 231.604	3722059.0	3718857.2	5.116 mg/L	5.116 mg/L	18:11:46
3	Zn 213.857	7068886.8	7035925.1	5.434 mg/L	5.434 mg/L	18:11:51
3	Fe 238.863	1852133.2	1858623.9	3.904 mg/L	3.904 mg/L	18:11:56
3	Cd 228.802	6586528.6	6586535.2	4.605 mg/L	4.605 mg/L	18:11:59

Mean Data: 38

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-9855.3	0.255 mg/L	0.0102	0.255 mg/L	0.0102	4.00%
Ni 231.604	3730780.5	5.132 mg/L	0.1281	5.132 mg/L	0.1281	2.50%
Zn 213.857	6980712.1	5.385 mg/L	0.0434	5.385 mg/L	0.0434	0.81%
Fe 238.863	1828948.6	3.838 mg/L	0.0659	3.838 mg/L	0.0659	1.72%
Cd 228.802	6574131.0	4.597 mg/L	0.0306	4.597 mg/L	0.0306	0.67%

Sequence No.: 61

Sample ID: 39

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 57

Date Collected: 17.12.2021 18:12:40

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 39

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 39

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-13621.1	-11235.6	0.240 mg/L	0.240 mg/L	18:13:51
1	Ni 231.604	3715207.7	3712005.9	5.106 mg/L	5.106 mg/L	18:13:57
1	Zn 213.857	7045543.9	7012582.2	5.413 mg/L	5.413 mg/L	18:14:01
1	Fe 238.863	1805044.8	1811535.4	3.800 mg/L	3.800 mg/L	18:14:07
1	Cd 228.802	6577973.0	6577979.6	4.599 mg/L	4.599 mg/L	18:14:11
2	Pd 248.892	-11281.5	-8896.1	0.265 mg/L	0.265 mg/L	18:14:16
2	Ni 231.604	3704837.2	3701635.4	5.092 mg/L	5.092 mg/L	18:14:22
2	Zn 213.857	6951459.7	6918498.0	5.329 mg/L	5.329 mg/L	18:14:26
2	Fe 238.863	1813323.3	1819813.9	3.818 mg/L	3.818 mg/L	18:14:31
2	Cd 228.802	6554004.8	6554011.4	4.583 mg/L	4.583 mg/L	18:14:35
3	Pd 248.892	-13102.4	-10716.9	0.246 mg/L	0.246 mg/L	18:14:40
3	Ni 231.604	3708473.7	3705271.9	5.097 mg/L	5.097 mg/L	18:14:44
3	Zn 213.857	7115389.0	7082427.4	5.475 mg/L	5.475 mg/L	18:14:49
3	Fe 238.863	1834661.4	1841152.0	3.865 mg/L	3.865 mg/L	18:14:54
3	Cd 228.802	6472291.3	6472297.9	4.525 mg/L	4.525 mg/L	18:14:57

Mean Data: 39

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-10282.9	0.250 mg/L	0.0130	0.250 mg/L	0.0130	5.19%
Ni 231.604	3706304.4	5.098 mg/L	0.0073	5.098 mg/L	0.0073	0.14%
Zn 213.857	7004502.5	5.406 mg/L	0.0731	5.406 mg/L	0.0731	1.35%
Fe 238.863	1824167.1	3.828 mg/L	0.0338	3.828 mg/L	0.0338	0.88%
Cd 228.802	6534763.0	4.569 mg/L	0.0390	4.569 mg/L	0.0390	0.85%

Sequence No.: 62

Sample ID: 41

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 58

Date Collected: 17.12.2021 18:15:38

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 41

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 41

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-10204.5	-7819.0	0.277 mg/L	0.277 mg/L	18:16:49
1	Ni 231.604	3712518.4	3709316.6	5.103 mg/L	5.103 mg/L	18:16:55
1	Zn 213.857	6902017.4	6869055.8	5.285 mg/L	5.285 mg/L	18:17:00
1	Fe 238.863	1775136.3	1781626.9	3.734 mg/L	3.734 mg/L	18:17:05
1	Cd 228.802	6374229.2	6374235.8	4.456 mg/L	4.456 mg/L	18:17:08
2	Pd 248.892	-10960.1	-8574.6	0.269 mg/L	0.269 mg/L	18:17:12
2	Ni 231.604	3664171.7	3660969.9	5.035 mg/L	5.035 mg/L	18:17:18
2	Zn 213.857	6944634.9	6911673.2	5.323 mg/L	5.323 mg/L	18:17:22
2	Fe 238.863	1838075.0	1844565.7	3.873 mg/L	3.873 mg/L	18:17:28
2	Cd 228.802	6543534.0	6543540.6	4.575 mg/L	4.575 mg/L	18:17:32
3	Pd 248.892	-14443.5	-12058.0	0.232 mg/L	0.232 mg/L	18:17:36
3	Ni 231.604	3698639.8	3695438.0	5.083 mg/L	5.083 mg/L	18:17:40
3	Zn 213.857	7089723.8	7056762.1	5.452 mg/L	5.452 mg/L	18:17:45
3	Fe 238.863	1816339.9	1822830.5	3.825 mg/L	3.825 mg/L	18:17:50
3	Cd 228.802	6611775.3	6611781.9	4.623 mg/L	4.623 mg/L	18:17:53

Mean Data: 41

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Pd 248.892	-9483.9	0.259 mg/L	0.0239	0.259 mg/L	0.0239	9.25%
Ni 231.604	3688574.8	5.074 mg/L	0.0346	5.074 mg/L	0.0346	0.68%
Zn 213.857	6945830.4	5.354 mg/L	0.0875	5.354 mg/L	0.0875	1.63%
Fe 238.863	1816341.0	3.811 mg/L	0.0707	3.811 mg/L	0.0707	1.86%
Cd 228.802	6509852.7	4.551 mg/L	0.0861	4.551 mg/L	0.0861	1.89%

Sequence No.: 63

Sample ID: 42

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 59

Date Collected: 17.12.2021 18:18:34

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 42

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 42

Repl#	Analyte	Net	Corrected	Calib.	Sample	Analysis
		Intensity	Intensity	Conc. Units	Conc. Units	Time
1	Pd 248.892	-12138.2	-9752.7	0.256 mg/L	0.256 mg/L	18:19:45
1	Ni 231.604	3785792.3	3782590.5	5.204 mg/L	5.204 mg/L	18:19:51
1	Zn 213.857	7187457.8	7154496.1	5.539 mg/L	5.539 mg/L	18:19:56
1	Fe 238.863	1836847.7	1843338.4	3.870 mg/L	3.870 mg/L	18:20:01
1	Cd 228.802	6575280.9	6575287.5	4.598 mg/L	4.598 mg/L	18:20:05
2	Pd 248.892	-14280.1	-11894.6	0.233 mg/L	0.233 mg/L	18:20:09
2	Ni 231.604	3669859.5	3666657.7	5.043 mg/L	5.043 mg/L	18:20:14
2	Zn 213.857	6973770.5	6940808.9	5.349 mg/L	5.349 mg/L	18:20:18
2	Fe 238.863	1844986.3	1851477.0	3.888 mg/L	3.888 mg/L	18:20:24
2	Cd 228.802	6643163.6	6643170.2	4.645 mg/L	4.645 mg/L	18:20:27
3	Pd 248.892	-10587.6	-8202.1	0.273 mg/L	0.273 mg/L	18:20:31
3	Ni 231.604	3730660.3	3727458.5	5.128 mg/L	5.128 mg/L	18:20:36
3	Zn 213.857	7066073.9	7033112.3	5.431 mg/L	5.431 mg/L	18:20:41
3	Fe 238.863	1844652.0	1851142.7	3.888 mg/L	3.888 mg/L	18:20:46
3	Cd 228.802	6522236.4	6522243.0	4.560 mg/L	4.560 mg/L	18:20:49

Mean Data: 42

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Pd 248.892	-9949.8	0.254 mg/L	0.0196	0.254 mg/L	0.0196	7.73%
Ni 231.604	3725568.9	5.125 mg/L	0.0806	5.125 mg/L	0.0806	1.57%
Zn 213.857	7042805.7	5.440 mg/L	0.0953	5.440 mg/L	0.0953	1.75%
Fe 238.863	1848652.7	3.882 mg/L	0.0102	3.882 mg/L	0.0102	0.26%
Cd 228.802	6580233.6	4.601 mg/L	0.0427	4.601 mg/L	0.0427	0.93%

Sequence No.: 64

Sample ID: 43

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 60

Date Collected: 17.12.2021 18:21:30

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 43

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 43

Repl#	Analyte	Net	Corrected	Calib.	Sample	Analysis
		Intensity	Intensity	Conc. Units	Conc. Units	Time
1	Pd 248.892	-12354.4	-9969.0	0.254 mg/L	0.254 mg/L	18:22:42
1	Ni 231.604	3742232.0	3739030.2	5.144 mg/L	5.144 mg/L	18:22:48
1	Zn 213.857	7085425.7	7052464.1	5.448 mg/L	5.448 mg/L	18:22:53

1	Fe 238.863	1791598.3	1798089.0	3.770 mg/L	3.770 mg/L	18:22:58
1	Cd 228.802	6499133.2	6499139.8	4.544 mg/L	4.544 mg/L	18:23:01
2	Pd 248.892	-13511.8	-11126.3	0.242 mg/L	0.242 mg/L	18:23:06
2	Ni 231.604	3654835.6	3651633.8	5.022 mg/L	5.022 mg/L	18:23:11
2	Zn 213.857	7051291.9	7018330.3	5.418 mg/L	5.418 mg/L	18:23:15
2	Fe 238.863	1804771.2	1811261.8	3.799 mg/L	3.799 mg/L	18:23:21
2	Cd 228.802	6559448.8	6559455.4	4.586 mg/L	4.586 mg/L	18:23:24
3	Pd 248.892	-10866.9	-8481.4	0.270 mg/L	0.270 mg/L	18:23:28
3	Ni 231.604	3657769.8	3654568.0	5.026 mg/L	5.026 mg/L	18:23:33
3	Zn 213.857	7122365.8	7089404.1	5.481 mg/L	5.481 mg/L	18:23:38
3	Fe 238.863	1837898.7	1844389.3	3.873 mg/L	3.873 mg/L	18:23:43
3	Cd 228.802	6630848.7	6630855.3	4.637 mg/L	4.637 mg/L	18:23:47

Mean Data: 43

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-9858.9	0.255 mg/L	0.0140	0.255 mg/L	0.0140	5.51%
Ni 231.604	3681744.0	5.064 mg/L	0.0690	5.064 mg/L	0.0690	1.36%
Zn 213.857	7053399.5	5.449 mg/L	0.0316	5.449 mg/L	0.0316	0.58%
Fe 238.863	1817913.4	3.814 mg/L	0.0528	3.814 mg/L	0.0528	1.38%
Cd 228.802	6563150.1	4.589 mg/L	0.0464	4.589 mg/L	0.0464	1.01%

Sequence No.: 65

Sample ID: 44 m

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 61

Date Collected: 17.12.2021 18:24:29

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 44 m

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 44 m

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	468738.0	471123.5	5.348 mg/L	5.348 mg/L	18:25:41
1	Ni 231.604	4091081.1	4087879.3	5.629 mg/L	5.629 mg/L	18:25:46
1	Zn 213.857	7370015.8	7337054.1	5.701 mg/L	5.701 mg/L	18:25:51
1	Fe 238.863	2421984.8	2428475.4	5.164 mg/L	5.164 mg/L	18:25:56
1	Cd 228.802	6967545.6	6967552.2	4.874 mg/L	4.874 mg/L	18:25:59
2	Pd 248.892	481084.6	483470.0	5.478 mg/L	5.478 mg/L	18:26:04
2	Ni 231.604	3960917.9	3957716.1	5.448 mg/L	5.448 mg/L	18:26:10
2	Zn 213.857	7329533.8	7296572.2	5.665 mg/L	5.665 mg/L	18:26:14
2	Fe 238.863	2438321.6	2444812.2	5.201 mg/L	5.201 mg/L	18:26:19
2	Cd 228.802	6926440.1	6926446.7	4.845 mg/L	4.845 mg/L	18:26:22
3	Pd 248.892	468267.1	470652.6	5.343 mg/L	5.343 mg/L	18:26:26
3	Ni 231.604	3965472.1	3962270.3	5.454 mg/L	5.454 mg/L	18:26:32
3	Zn 213.857	7359138.9	7326177.3	5.692 mg/L	5.692 mg/L	18:26:36
3	Fe 238.863	2421013.6	2427504.2	5.162 mg/L	5.162 mg/L	18:26:42
3	Cd 228.802	6934877.6	6934884.2	4.851 mg/L	4.851 mg/L	18:26:45

Mean Data: 44 m

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	475082.0	5.390 mg/L	0.0770	5.390 mg/L	0.0770	1.43%
Ni 231.604	4002621.9	5.510 mg/L	0.1027	5.510 mg/L	0.1027	1.86%
Zn 213.857	7319934.5	5.686 mg/L	0.0186	5.686 mg/L	0.0186	0.33%
Fe 238.863	2433597.3	5.176 mg/L	0.0215	5.176 mg/L	0.0215	0.42%
Cd 228.802	6942961.0	4.856 mg/L	0.0153	4.856 mg/L	0.0153	0.31%

Sequence No.: 66

Sample ID: 45

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 62

Date Collected: 17.12.2021 18:27:26

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 45

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 45

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-12002.8	-9617.3	0.258 mg/L	0.258 mg/L	18:28:38
1	Ni 231.604	3848185.4	3844983.5	5.291 mg/L	5.291 mg/L	18:28:43
1	Zn 213.857	7378281.9	7345320.2	5.709 mg/L	5.709 mg/L	18:28:48
1	Fe 238.863	2012885.5	2019376.2	4.260 mg/L	4.260 mg/L	18:28:54
1	Cd 228.802	6778243.0	6778249.6	4.740 mg/L	4.740 mg/L	18:28:57
2	Pd 248.892	-13320.3	-10934.8	0.244 mg/L	0.244 mg/L	18:29:01
2	Ni 231.604	3730200.9	3726999.1	5.127 mg/L	5.127 mg/L	18:29:06
2	Zn 213.857	7321194.7	7288233.0	5.658 mg/L	5.658 mg/L	18:29:11
2	Fe 238.863	2036328.3	2042819.0	4.311 mg/L	4.311 mg/L	18:29:16
2	Cd 228.802	6680381.6	6680388.2	4.672 mg/L	4.672 mg/L	18:29:20
3	Pd 248.892	-14532.4	-12147.0	0.231 mg/L	0.231 mg/L	18:29:24
3	Ni 231.604	3814559.5	3811357.7	5.244 mg/L	5.244 mg/L	18:29:29
3	Zn 213.857	7392146.1	7359184.5	5.721 mg/L	5.721 mg/L	18:29:33
3	Fe 238.863	1997702.7	2004193.3	4.226 mg/L	4.226 mg/L	18:29:39
3	Cd 228.802	6598912.2	6598918.8	4.614 mg/L	4.614 mg/L	18:29:42

Mean Data: 45

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-10899.7	0.244 mg/L	0.0134	0.244 mg/L	0.0134	5.49%
Ni 231.604	3794446.8	5.221 mg/L	0.0845	5.221 mg/L	0.0845	1.62%
Zn 213.857	7330912.6	5.696 mg/L	0.0334	5.696 mg/L	0.0334	0.59%
Fe 238.863	2022129.5	4.266 mg/L	0.0430	4.266 mg/L	0.0430	1.01%
Cd 228.802	6685852.2	4.675 mg/L	0.0632	4.675 mg/L	0.0632	1.35%

Sequence No.: 67

Sample ID: 46

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 63

Date Collected: 17.12.2021 18:30:23

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 46

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 46

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-17459.5	-15074.1	0.200 mg/L	0.200 mg/L	18:31:34
1	Ni 231.604	4172786.1	4169584.3	5.742 mg/L	5.742 mg/L	18:31:38
1	Zn 213.857	7593964.7	7561003.1	5.900 mg/L	5.900 mg/L	18:31:43
1	Fe 238.863	2446743.4	2453234.1	5.219 mg/L	5.219 mg/L	18:31:48
1	Cd 228.802	6826279.2	6826285.7	4.774 mg/L	4.774 mg/L	18:31:52
2	Pd 248.892	-19184.5	-16799.0	0.181 mg/L	0.181 mg/L	18:31:56
2	Ni 231.604	4014549.2	4011347.4	5.522 mg/L	5.522 mg/L	18:32:00
2	Zn 213.857	7347002.9	7314041.2	5.681 mg/L	5.681 mg/L	18:32:04
2	Fe 238.863	2450510.2	2457000.9	5.228 mg/L	5.228 mg/L	18:32:10
2	Cd 228.802	6992799.7	6992806.3	4.892 mg/L	4.892 mg/L	18:32:13
3	Pd 248.892	-14037.1	-11651.6	0.236 mg/L	0.236 mg/L	18:32:17
3	Ni 231.604	3985266.4	3982064.6	5.482 mg/L	5.482 mg/L	18:32:22
3	Zn 213.857	7587667.6	7554705.9	5.895 mg/L	5.895 mg/L	18:32:27
3	Fe 238.863	2383396.6	2389887.3	5.079 mg/L	5.079 mg/L	18:32:32
3	Cd 228.802	6636220.8	6636227.4	4.640 mg/L	4.640 mg/L	18:32:35

Mean Data: 46

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-14508.2	0.206 mg/L	0.0277	0.206 mg/L	0.0277	13.48%
Ni 231.604	4054332.1	5.582 mg/L	0.1402	5.582 mg/L	0.1402	2.51%

Zn 213.857	7476583.4	5.825 mg/L	0.1251	5.825 mg/L	0.1251	2.15%
Fe 238.863	2433374.1	5.175 mg/L	0.0834	5.175 mg/L	0.0834	1.61%
Cd 228.802	6818439.8	4.769 mg/L	0.1256	4.769 mg/L	0.1256	2.63%

Sequence No.: 68

Sample ID: 47

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 64

Date Collected: 17.12.2021 18:33:17

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 47

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 47

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-19444.0	-17058.5	0.179 mg/L	0.179 mg/L	18:34:29
1	Ni 231.604	3989676.0	3986474.2	5.488 mg/L	5.488 mg/L	18:34:34
1	Zn 213.857	7619739.9	7586778.3	5.923 mg/L	5.923 mg/L	18:34:39
1	Fe 238.863	2375617.3	2382108.0	5.062 mg/L	5.062 mg/L	18:34:44
1	Cd 228.802	6844067.7	6844074.3	4.787 mg/L	4.787 mg/L	18:34:47
2	Pd 248.892	-17106.0	-14720.6	0.203 mg/L	0.203 mg/L	18:34:52
2	Ni 231.604	3999008.8	3995807.0	5.501 mg/L	5.501 mg/L	18:34:57
2	Zn 213.857	7515107.5	7482145.8	5.830 mg/L	5.830 mg/L	18:35:01
2	Fe 238.863	2371963.1	2378453.7	5.054 mg/L	5.054 mg/L	18:35:06
2	Cd 228.802	6959498.6	6959505.2	4.868 mg/L	4.868 mg/L	18:35:10
3	Pd 248.892	-12105.1	-9719.7	0.256 mg/L	0.256 mg/L	18:35:14
3	Ni 231.604	3965310.5	3962108.7	5.454 mg/L	5.454 mg/L	18:35:19
3	Zn 213.857	7520389.3	7487427.7	5.835 mg/L	5.835 mg/L	18:35:24
3	Fe 238.863	2408958.6	2415449.2	5.136 mg/L	5.136 mg/L	18:35:29
3	Cd 228.802	6887720.2	6887726.8	4.818 mg/L	4.818 mg/L	18:35:32

Mean Data: 47

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-13832.9	0.213 mg/L	0.0397	0.213 mg/L	0.0397	18.65%
Ni 231.604	3981463.3	5.481 mg/L	0.0242	5.481 mg/L	0.0242	0.44%
Zn 213.857	7518783.9	5.863 mg/L	0.0524	5.863 mg/L	0.0524	0.89%
Fe 238.863	2392003.6	5.084 mg/L	0.0451	5.084 mg/L	0.0451	0.89%
Cd 228.802	6897102.1	4.824 mg/L	0.0410	4.824 mg/L	0.0410	0.85%

Sequence No.: 69

Sample ID: 48

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 65

Date Collected: 17.12.2021 18:36:14

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 48

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 48

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-15426.0	-13040.6	0.221 mg/L	0.221 mg/L	18:37:25
1	Ni 231.604	3979857.4	3976655.6	5.474 mg/L	5.474 mg/L	18:37:31
1	Zn 213.857	7325939.0	7292977.3	5.662 mg/L	5.662 mg/L	18:37:35
1	Fe 238.863	2347642.0	2354132.6	5.000 mg/L	5.000 mg/L	18:37:41
1	Cd 228.802	6851846.3	6851852.9	4.792 mg/L	4.792 mg/L	18:37:44
2	Pd 248.892	-13778.1	-11392.7	0.239 mg/L	0.239 mg/L	18:37:48
2	Ni 231.604	3923891.8	3920690.0	5.396 mg/L	5.396 mg/L	18:37:53
2	Zn 213.857	7233023.0	7200061.4	5.580 mg/L	5.580 mg/L	18:37:58
2	Fe 238.863	2429898.0	2436388.7	5.182 mg/L	5.182 mg/L	18:38:03
2	Cd 228.802	6990265.6	6990272.2	4.890 mg/L	4.890 mg/L	18:38:06

3	Pd 248.892	-17487.4	-15102.0	0.199 mg/L	0.199 mg/L	18:38:10
3	Ni 231.604	3927427.1	3924225.3	5.401 mg/L	5.401 mg/L	18:38:14
3	Zn 213.857	7471667.1	7438705.5	5.792 mg/L	5.792 mg/L	18:38:19
3	Fe 238.863	2352926.4	2359417.0	5.012 mg/L	5.012 mg/L	18:38:24
3	Cd 228.802	6795161.3	6795167.9	4.752 mg/L	4.752 mg/L	18:38:27

Mean Data: 48

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-13178.4	0.220 mg/L	0.0197	0.220 mg/L	0.0197	8.95%
Ni 231.604	3940523.6	5.424 mg/L	0.0436	5.424 mg/L	0.0436	0.80%
Zn 213.857	7310581.4	5.678 mg/L	0.1069	5.678 mg/L	0.1069	1.88%
Fe 238.863	2383312.8	5.065 mg/L	0.1018	5.065 mg/L	0.1018	2.01%
Cd 228.802	6879097.7	4.811 mg/L	0.0707	4.811 mg/L	0.0707	1.47%

Sequence No.: 70

Sample ID: 49

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 66

Date Collected: 17.12.2021 18:39:08

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 49

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 49

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-20239.3	-17853.8	0.170 mg/L	0.170 mg/L	18:40:20
1	Ni 231.604	3998810.3	3995608.5	5.501 mg/L	5.501 mg/L	18:40:24
1	Zn 213.857	7588641.9	7555680.2	5.896 mg/L	5.896 mg/L	18:40:29
1	Fe 238.863	2376999.9	2383490.5	5.065 mg/L	5.065 mg/L	18:40:34
1	Cd 228.802	6884626.6	6884633.2	4.815 mg/L	4.815 mg/L	18:40:37
2	Pd 248.892	-13174.5	-10789.1	0.245 mg/L	0.245 mg/L	18:40:41
2	Ni 231.604	3921078.1	3917876.3	5.392 mg/L	5.392 mg/L	18:40:47
2	Zn 213.857	7329537.9	7296576.2	5.665 mg/L	5.665 mg/L	18:40:51
2	Fe 238.863	2392743.0	2399233.7	5.100 mg/L	5.100 mg/L	18:40:56
2	Cd 228.802	7019051.3	7019057.9	4.910 mg/L	4.910 mg/L	18:41:01
3	Pd 248.892	-16778.6	-14393.1	0.207 mg/L	0.207 mg/L	18:41:06
3	Ni 231.604	3933809.9	3930608.1	5.410 mg/L	5.410 mg/L	18:41:10
3	Zn 213.857	7417778.9	7384817.2	5.744 mg/L	5.744 mg/L	18:41:15
3	Fe 238.863	2353872.4	2360363.0	5.014 mg/L	5.014 mg/L	18:41:19
3	Cd 228.802	6918298.8	6918305.4	4.839 mg/L	4.839 mg/L	18:41:23

Mean Data: 49

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-14345.3	0.207 mg/L	0.0374	0.207 mg/L	0.0374	18.03%
Ni 231.604	3948030.9	5.434 mg/L	0.0580	5.434 mg/L	0.0580	1.07%
Zn 213.857	7412357.9	5.768 mg/L	0.1171	5.768 mg/L	0.1171	2.03%
Fe 238.863	2381029.1	5.059 mg/L	0.0432	5.059 mg/L	0.0432	0.85%
Cd 228.802	6940665.5	4.855 mg/L	0.0493	4.855 mg/L	0.0493	1.01%

Sequence No.: 71

Sample ID: 50

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 67

Date Collected: 17.12.2021 18:42:05

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 50

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 50

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-15306.7	-12921.3	0.223 mg/L	0.223 mg/L	18:43:16
1	Ni 231.604	3974910.5	3971708.7	5.467 mg/L	5.467 mg/L	18:43:21
1	Zn 213.857	7371563.2	7338601.6	5.703 mg/L	5.703 mg/L	18:43:25
1	Fe 238.863	2419019.8	2425510.5	5.158 mg/L	5.158 mg/L	18:43:29
1	Cd 228.802	6898479.1	6898485.7	4.825 mg/L	4.825 mg/L	18:43:34
2	Pd 248.892	-12616.6	-10231.1	0.251 mg/L	0.251 mg/L	18:43:38
2	Ni 231.604	3932653.0	3929451.2	5.409 mg/L	5.409 mg/L	18:43:43
2	Zn 213.857	7271696.1	7238734.5	5.614 mg/L	5.614 mg/L	18:43:48
2	Fe 238.863	2413830.4	2420321.1	5.146 mg/L	5.146 mg/L	18:43:53
2	Cd 228.802	7006673.8	7006680.4	4.901 mg/L	4.901 mg/L	18:43:56
3	Pd 248.892	-14501.0	-12115.5	0.231 mg/L	0.231 mg/L	18:44:01
3	Ni 231.604	3909136.9	3905935.1	5.376 mg/L	5.376 mg/L	18:44:07
3	Zn 213.857	7552695.8	7519734.1	5.864 mg/L	5.864 mg/L	18:44:11
3	Fe 238.863	2369791.3	2376281.9	5.049 mg/L	5.049 mg/L	18:44:15
3	Cd 228.802	6924926.9	6924933.5	4.844 mg/L	4.844 mg/L	18:44:19

Mean Data: 50

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-11756.0	0.235 mg/L	0.0146	0.235 mg/L	0.0146	6.22%
Ni 231.604	3935698.3	5.417 mg/L	0.0463	5.417 mg/L	0.0463	0.86%
Zn 213.857	7365690.1	5.727 mg/L	0.1266	5.727 mg/L	0.1266	2.21%
Fe 238.863	2407371.2	5.118 mg/L	0.0598	5.118 mg/L	0.0598	1.17%
Cd 228.802	6943366.5	4.857 mg/L	0.0397	4.857 mg/L	0.0397	0.82%

Sequence No.: 72

Sample ID: 51

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 68

Date Collected: 17.12.2021 18:45:00

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 51

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 51

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-15500.6	-13115.1	0.220 mg/L	0.220 mg/L	18:46:12
1	Ni 231.604	4021280.3	4018078.5	5.532 mg/L	5.532 mg/L	18:46:17
1	Zn 213.857	7544146.9	7511185.2	5.856 mg/L	5.856 mg/L	18:46:22
1	Fe 238.863	2386987.8	2393478.4	5.087 mg/L	5.087 mg/L	18:46:27
1	Cd 228.802	6954761.0	6954767.6	4.865 mg/L	4.865 mg/L	18:46:30
2	Pd 248.892	-12028.7	-9643.3	0.257 mg/L	0.257 mg/L	18:46:34
2	Ni 231.604	3969124.1	3965922.3	5.459 mg/L	5.459 mg/L	18:46:40
2	Zn 213.857	7432412.6	7399450.9	5.757 mg/L	5.757 mg/L	18:46:44
2	Fe 238.863	2432258.0	2438748.7	5.187 mg/L	5.187 mg/L	18:46:49
2	Cd 228.802	6986567.9	6986574.5	4.887 mg/L	4.887 mg/L	18:46:53
3	Pd 248.892	-16906.5	-14521.1	0.206 mg/L	0.206 mg/L	18:46:57
3	Ni 231.604	3995861.9	3992660.1	5.496 mg/L	5.496 mg/L	18:47:01
3	Zn 213.857	7595625.2	7562663.5	5.902 mg/L	5.902 mg/L	18:47:05
3	Fe 238.863	2397117.5	2403608.2	5.109 mg/L	5.109 mg/L	18:47:10
3	Cd 228.802	6935388.7	6935395.3	4.851 mg/L	4.851 mg/L	18:47:15

Mean Data: 51

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-12426.5	0.228 mg/L	0.0266	0.228 mg/L	0.0266	11.67%
Ni 231.604	3992220.3	5.496 mg/L	0.0363	5.496 mg/L	0.0363	0.66%
Zn 213.857	7491099.9	5.838 mg/L	0.0742	5.838 mg/L	0.0742	1.27%
Fe 238.863	2411945.1	5.128 mg/L	0.0525	5.128 mg/L	0.0525	1.02%
Cd 228.802	6958912.5	4.868 mg/L	0.0182	4.868 mg/L	0.0182	0.37%

Sequence No.: 73

Sample ID: 52

Autosampler Location: 69

Date Collected: 17.12.2021 18:47:57

Analyst:
Initial Sample Wt:
Dilution:
Wash Time (before sample): 30

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 52

Analyte	Back Pressure	Flow
All	266.0 kPa	0.70 L/min

Replicate Data: 52

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-13649.8	-11264.3	0.240 mg/L	0.240 mg/L	18:49:08
1	Ni 231.604	3999791.1	3996589.2	5.502 mg/L	5.502 mg/L	18:49:13
1	Zn 213.857	7490641.5	7457679.9	5.809 mg/L	5.809 mg/L	18:49:18
1	Fe 238.863	2355799.5	2362290.2	5.018 mg/L	5.018 mg/L	18:49:23
1	Cd 228.802	6920293.2	6920299.8	4.840 mg/L	4.840 mg/L	18:49:27
2	Pd 248.892	-15334.6	-12949.2	0.222 mg/L	0.222 mg/L	18:49:30
2	Ni 231.604	3955599.0	3952397.2	5.440 mg/L	5.440 mg/L	18:49:36
2	Zn 213.857	7419896.4	7386934.7	5.746 mg/L	5.746 mg/L	18:49:40
2	Fe 238.863	2432402.7	2438893.3	5.187 mg/L	5.187 mg/L	18:49:46
2	Cd 228.802	6997945.2	6997951.8	4.895 mg/L	4.895 mg/L	18:49:50
3	Pd 248.892	-14495.5	-12110.0	0.231 mg/L	0.231 mg/L	18:49:54
3	Ni 231.604	4023502.9	4020301.1	5.535 mg/L	5.535 mg/L	18:49:59
3	Zn 213.857	7501577.5	7468615.8	5.818 mg/L	5.818 mg/L	18:50:04
3	Fe 238.863	2382272.4	2388763.0	5.077 mg/L	5.077 mg/L	18:50:08
3	Cd 228.802	6890312.3	6890318.9	4.819 mg/L	4.819 mg/L	18:50:12

Mean Data: 52

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-12107.8	0.231 mg/L	0.0089	0.231 mg/L	0.0089	3.86%
Ni 231.604	3989762.5	5.492 mg/L	0.0479	5.492 mg/L	0.0479	0.87%
Zn 213.857	7437743.5	5.791 mg/L	0.0394	5.791 mg/L	0.0394	0.68%
Fe 238.863	2396648.8	5.094 mg/L	0.0860	5.094 mg/L	0.0860	1.69%
Cd 228.802	6936190.2	4.852 mg/L	0.0391	4.852 mg/L	0.0391	0.81%

Sequence No.: 74

Sample ID: 53

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 70

Date Collected: 17.12.2021 18:50:53

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 53

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 53

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-19053.4	-16667.9	0.183 mg/L	0.183 mg/L	18:52:04
1	Ni 231.604	4043503.5	4040301.7	5.563 mg/L	5.563 mg/L	18:52:09
1	Zn 213.857	7460754.5	7427792.8	5.782 mg/L	5.782 mg/L	18:52:13
1	Fe 238.863	2372274.6	2378765.2	5.054 mg/L	5.054 mg/L	18:52:19
1	Cd 228.802	7007096.8	7007103.4	4.902 mg/L	4.902 mg/L	18:52:22
2	Pd 248.892	-13560.7	-11175.3	0.241 mg/L	0.241 mg/L	18:52:26
2	Ni 231.604	3979818.2	3976616.4	5.474 mg/L	5.474 mg/L	18:52:31
2	Zn 213.857	7575805.3	7542843.6	5.884 mg/L	5.884 mg/L	18:52:36
2	Fe 238.863	2470152.5	2476643.1	5.271 mg/L	5.271 mg/L	18:52:41
2	Cd 228.802	7135394.4	7135401.0	4.992 mg/L	4.992 mg/L	18:52:44
3	Pd 248.892	-19669.3	-17283.8	0.176 mg/L	0.176 mg/L	18:52:48
3	Ni 231.604	4027145.2	4023943.4	5.540 mg/L	5.540 mg/L	18:52:53
3	Zn 213.857	7557452.8	7524491.2	5.868 mg/L	5.868 mg/L	18:52:57
3	Fe 238.863	2398171.9	2404662.5	5.112 mg/L	5.112 mg/L	18:53:02
3	Cd 228.802	6928004.1	6928010.7	4.846 mg/L	4.846 mg/L	18:53:06

Mean Data: 53

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Pd 248.892	-15042.3	0.200 mg/L	0.0356	0.0356	0.200 mg/L	0.0356	17.80%
Ni 231.604	4013620.5	5.526 mg/L	0.0460	0.0460	5.526 mg/L	0.0460	0.83%
Zn 213.857	7498375.9	5.845 mg/L	0.0549	0.0549	5.845 mg/L	0.0549	0.94%
Fe 238.863	2420023.6	5.146 mg/L	0.1122	0.1122	5.146 mg/L	0.1122	2.18%
Cd 228.802	7023505.0	4.913 mg/L	0.0737	0.0737	4.913 mg/L	0.0737	1.50%

Sequence No.: 75

Sample ID: 54

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 71

Date Collected: 17.12.2021 18:53:46

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 54

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 54

Repl#	Analyte	Net	Corrected	Calib.	Sample	Analysis
		Intensity	Intensity	Conc. Units	Conc. Units	Time
1	Pd 248.892	-17960.7	-15575.3	0.194 mg/L	0.194 mg/L	18:54:58
1	Ni 231.604	4037202.2	4034000.4	5.554 mg/L	5.554 mg/L	18:55:02
1	Zn 213.857	7566964.2	7534002.5	5.876 mg/L	5.876 mg/L	18:55:07
1	Fe 238.863	2360653.8	2367144.4	5.029 mg/L	5.029 mg/L	18:55:12
1	Cd 228.802	6971257.9	6971264.5	4.876 mg/L	4.876 mg/L	18:55:15
2	Pd 248.892	-14405.7	-12020.2	0.232 mg/L	0.232 mg/L	18:55:19
2	Ni 231.604	4026813.6	4023611.8	5.539 mg/L	5.539 mg/L	18:55:25
2	Zn 213.857	7586893.6	7553932.0	5.894 mg/L	5.894 mg/L	18:55:29
2	Fe 238.863	2421579.5	2428070.1	5.164 mg/L	5.164 mg/L	18:55:35
2	Cd 228.802	6994152.0	6994158.6	4.893 mg/L	4.893 mg/L	18:55:39
3	Pd 248.892	-14835.6	-12450.1	0.228 mg/L	0.228 mg/L	18:55:44
3	Ni 231.604	3952031.4	3948829.5	5.436 mg/L	5.436 mg/L	18:55:49
3	Zn 213.857	7431372.3	7398410.6	5.756 mg/L	5.756 mg/L	18:55:54
3	Fe 238.863	2390097.8	2396588.5	5.094 mg/L	5.094 mg/L	18:55:58
3	Cd 228.802	7027750.3	7027756.9	4.916 mg/L	4.916 mg/L	18:56:01

Mean Data: 54

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Pd 248.892	-13348.6	0.218 mg/L	0.0205	0.0205	0.218 mg/L	0.0205	9.42%
Ni 231.604	4002147.2	5.510 mg/L	0.0646	0.0646	5.510 mg/L	0.0646	1.17%
Zn 213.857	7495448.4	5.842 mg/L	0.0752	0.0752	5.842 mg/L	0.0752	1.29%
Fe 238.863	2397267.7	5.095 mg/L	0.0674	0.0674	5.095 mg/L	0.0674	1.32%
Cd 228.802	6997726.7	4.895 mg/L	0.0200	0.0200	4.895 mg/L	0.0200	0.41%

Sequence No.: 76

Sample ID: 55

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 72

Date Collected: 17.12.2021 18:56:43

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 55

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 55

Repl#	Analyte	Net	Corrected	Calib.	Sample	Analysis
		Intensity	Intensity	Conc. Units	Conc. Units	Time
1	Pd 248.892	-17677.9	-15292.5	0.197 mg/L	0.197 mg/L	18:57:55
1	Ni 231.604	4022784.8	4019583.0	5.534 mg/L	5.534 mg/L	18:57:59
1	Zn 213.857	7712375.5	7679413.8	6.006 mg/L	6.006 mg/L	18:58:04
1	Fe 238.863	2408595.2	2415085.8	5.135 mg/L	5.135 mg/L	18:58:09
1	Cd 228.802	7021061.5	7021068.1	4.911 mg/L	4.911 mg/L	18:58:12

2	Pd 248.892	-13160.1	-10774.6	0.245 mg/L	0.245 mg/L	18:58:18
2	Ni 231.604	3883285.3	3880083.5	5.340 mg/L	5.340 mg/L	18:58:23
2	Zn 213.857	7670833.2	7637871.6	5.969 mg/L	5.969 mg/L	18:58:27
2	Fe 238.863	2439158.7	2445649.3	5.202 mg/L	5.202 mg/L	18:58:33
2	Cd 228.802	7193333.4	7193340.0	5.033 mg/L	5.033 mg/L	18:58:36
3	Pd 248.892	-12410.6	-10025.2	0.253 mg/L	0.253 mg/L	18:58:41
3	Ni 231.604	3973859.5	3970657.7	5.466 mg/L	5.466 mg/L	18:58:46
3	Zn 213.857	7659513.7	7626552.0	5.959 mg/L	5.959 mg/L	18:58:50
3	Fe 238.863	2357311.5	2363802.2	5.021 mg/L	5.021 mg/L	18:58:56
3	Cd 228.802	6980455.3	6980461.9	4.883 mg/L	4.883 mg/L	18:58:59

Mean Data: 55

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-12030.8	0.232 mg/L	0.0302	0.232 mg/L	0.0302	13.01%
Ni 231.604	3956774.7	5.447 mg/L	0.0984	5.447 mg/L	0.0984	1.81%
Zn 213.857	7647945.8	5.978 mg/L	0.0247	5.978 mg/L	0.0247	0.41%
Fe 238.863	2408179.1	5.120 mg/L	0.0915	5.120 mg/L	0.0915	1.79%
Cd 228.802	7064956.6	4.942 mg/L	0.0796	4.942 mg/L	0.0796	1.61%

Sequence No.: 77

Sample ID: 56

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 73

Date Collected: 17.12.2021 18:59:40

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 56

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 56

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-22153.1	-19767.7	0.150 mg/L	0.150 mg/L	19:00:52
1	Ni 231.604	4070880.1	4067678.3	5.601 mg/L	5.601 mg/L	19:00:56
1	Zn 213.857	7544638.8	7511677.2	5.857 mg/L	5.857 mg/L	19:01:00
1	Fe 238.863	2382162.2	2388652.8	5.076 mg/L	5.076 mg/L	19:01:04
1	Cd 228.802	6938680.5	6938687.1	4.853 mg/L	4.853 mg/L	19:01:08
2	Pd 248.892	-17531.5	-15146.1	0.199 mg/L	0.199 mg/L	19:01:12
2	Ni 231.604	3834213.6	3831011.8	5.272 mg/L	5.272 mg/L	19:01:17
2	Zn 213.857	7342194.7	7309233.0	5.677 mg/L	5.677 mg/L	19:01:20
2	Fe 238.863	2374690.5	2381181.2	5.060 mg/L	5.060 mg/L	19:01:25
2	Cd 228.802	6850766.3	6850772.9	4.792 mg/L	4.792 mg/L	19:01:29
3	Pd 248.892	-13779.7	-11394.3	0.239 mg/L	0.239 mg/L	19:01:33
3	Ni 231.604	3854973.8	3851772.0	5.301 mg/L	5.301 mg/L	19:01:39
3	Zn 213.857	7391875.4	7358913.8	5.721 mg/L	5.721 mg/L	19:01:43
3	Fe 238.863	2349601.5	2356092.1	5.004 mg/L	5.004 mg/L	19:01:47
3	Cd 228.802	6948880.7	6948887.3	4.861 mg/L	4.861 mg/L	19:01:52

Mean Data: 56

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-15436.0	0.196 mg/L	0.0444	0.196 mg/L	0.0444	22.67%
Ni 231.604	3916820.7	5.391 mg/L	0.1822	5.391 mg/L	0.1822	3.38%
Zn 213.857	7393274.6	5.751 mg/L	0.0938	5.751 mg/L	0.0938	1.63%
Fe 238.863	2375308.7	5.047 mg/L	0.0377	5.047 mg/L	0.0377	0.75%
Cd 228.802	6912782.4	4.835 mg/L	0.0380	4.835 mg/L	0.0380	0.79%

Sequence No.: 78

Sample ID: 57

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 74

Date Collected: 17.12.2021 19:02:33

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 57

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 57

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-12571.2	-10185.8	0.252 mg/L	0.252 mg/L	19:03:45
1	Ni 231.604	3927337.5	3924135.7	5.401 mg/L	5.401 mg/L	19:03:50
1	Zn 213.857	7551239.3	7518277.6	5.863 mg/L	5.863 mg/L	19:03:55
1	Fe 238.863	2386765.5	2393256.1	5.087 mg/L	5.087 mg/L	19:03:59
1	Cd 228.802	6786463.5	6786470.1	4.746 mg/L	4.746 mg/L	19:04:03
2	Pd 248.892	-15181.2	-12795.7	0.224 mg/L	0.224 mg/L	19:04:07
2	Ni 231.604	3947628.6	3944426.7	5.429 mg/L	5.429 mg/L	19:04:13
2	Zn 213.857	7465995.5	7433033.8	5.787 mg/L	5.787 mg/L	19:04:17
2	Fe 238.863	2457335.6	2463826.2	5.243 mg/L	5.243 mg/L	19:04:22
2	Cd 228.802	6940743.5	6940750.1	4.855 mg/L	4.855 mg/L	19:04:26
3	Pd 248.892	-13186.7	-10801.2	0.245 mg/L	0.245 mg/L	19:04:31
3	Ni 231.604	3980775.1	3977573.3	5.475 mg/L	5.475 mg/L	19:04:36
3	Zn 213.857	7423841.2	7390879.6	5.749 mg/L	5.749 mg/L	19:04:41
3	Fe 238.863	2419923.4	2426414.0	5.160 mg/L	5.160 mg/L	19:04:46
3	Cd 228.802	7006895.9	7006902.5	4.901 mg/L	4.901 mg/L	19:04:50

Mean Data: 57

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-11260.9	0.240 mg/L	0.0144	0.240 mg/L	0.0144	6.02%
Ni 231.604	3948711.9	5.435 mg/L	0.0375	5.435 mg/L	0.0375	0.69%
Zn 213.857	7447397.0	5.800 mg/L	0.0577	5.800 mg/L	0.0577	0.99%
Fe 238.863	2427832.1	5.163 mg/L	0.0781	5.163 mg/L	0.0781	1.51%
Cd 228.802	6911374.2	4.834 mg/L	0.0797	4.834 mg/L	0.0797	1.65%

Sequence No.: 79

Sample ID: 58

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 75

Date Collected: 17.12.2021 19:05:31

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 58

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 58

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-13214.8	-10829.4	0.245 mg/L	0.245 mg/L	19:06:43
1	Ni 231.604	4052803.1	4049601.3	5.576 mg/L	5.576 mg/L	19:06:48
1	Zn 213.857	7451797.8	7418836.1	5.774 mg/L	5.774 mg/L	19:06:53
1	Fe 238.863	2387299.2	2393789.8	5.088 mg/L	5.088 mg/L	19:06:58
1	Cd 228.802	6945356.7	6945363.3	4.858 mg/L	4.858 mg/L	19:07:01
2	Pd 248.892	-13241.4	-10855.9	0.244 mg/L	0.244 mg/L	19:07:05
2	Ni 231.604	3848128.1	3844926.3	5.291 mg/L	5.291 mg/L	19:07:11
2	Zn 213.857	7299998.2	7267036.5	5.639 mg/L	5.639 mg/L	19:07:15
2	Fe 238.863	2449689.9	2456180.5	5.226 mg/L	5.226 mg/L	19:07:21
2	Cd 228.802	7096122.9	7096129.5	4.964 mg/L	4.964 mg/L	19:07:24
3	Pd 248.892	-17236.4	-14851.0	0.202 mg/L	0.202 mg/L	19:07:28
3	Ni 231.604	3965162.7	3961960.9	5.454 mg/L	5.454 mg/L	19:07:32
3	Zn 213.857	7368043.2	7335081.5	5.700 mg/L	5.700 mg/L	19:07:36
3	Fe 238.863	2400186.2	2406676.8	5.116 mg/L	5.116 mg/L	19:07:42
3	Cd 228.802	6961710.3	6961716.9	4.870 mg/L	4.870 mg/L	19:07:45

Mean Data: 58

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-12178.8	0.230 mg/L	0.0245	0.230 mg/L	0.0245	10.64%
Ni 231.604	3952162.8	5.440 mg/L	0.1427	5.440 mg/L	0.1427	2.62%
Zn 213.857	7340318.1	5.704 mg/L	0.0676	5.704 mg/L	0.0676	1.18%
Fe 238.863	2418882.4	5.143 mg/L	0.0728	5.143 mg/L	0.0728	1.42%

Cd 228.802 7001069.9 4.897 mg/L 0.0583 4.897 mg/L 0.0583 1.19%

Sequence No.: 80

Sample ID: 59

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 76

Date Collected: 17.12.2021 19:08:26

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 59

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 59

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-16837.1	-14451.7	0.206 mg/L	0.206 mg/L	19:09:38
1	Ni 231.604	4002073.9	3998872.1	5.505 mg/L	5.505 mg/L	19:09:42
1	Zn 213.857	7486943.9	7453982.2	5.805 mg/L	5.805 mg/L	19:09:46
1	Fe 238.863	2369301.2	2375791.8	5.048 mg/L	5.048 mg/L	19:09:52
1	Cd 228.802	6973143.6	6973150.2	4.878 mg/L	4.878 mg/L	19:09:55
2	Pd 248.892	-12319.9	-9934.5	0.254 mg/L	0.254 mg/L	19:09:59
2	Ni 231.604	3933758.8	3930557.0	5.410 mg/L	5.410 mg/L	19:10:04
2	Zn 213.857	7262845.3	7229883.6	5.606 mg/L	5.606 mg/L	19:10:09
2	Fe 238.863	2372931.5	2379422.2	5.056 mg/L	5.056 mg/L	19:10:14
2	Cd 228.802	6864180.3	6864186.9	4.801 mg/L	4.801 mg/L	19:10:17
3	Pd 248.892	-13865.6	-11480.1	0.238 mg/L	0.238 mg/L	19:10:21
3	Ni 231.604	3955069.8	3951868.0	5.440 mg/L	5.440 mg/L	19:10:27
3	Zn 213.857	7432724.8	7399763.1	5.757 mg/L	5.757 mg/L	19:10:31
3	Fe 238.863	2383375.6	2389866.2	5.079 mg/L	5.079 mg/L	19:10:36
3	Cd 228.802	6888577.6	6888584.2	4.818 mg/L	4.818 mg/L	19:10:41

Mean Data: 59

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-11955.4	0.233 mg/L	0.0243	0.233 mg/L	0.0243	10.44%
Ni 231.604	3960432.3	5.452 mg/L	0.0486	5.452 mg/L	0.0486	0.89%
Zn 213.857	7361209.6	5.723 mg/L	0.1039	5.723 mg/L	0.1039	1.82%
Fe 238.863	2381693.4	5.061 mg/L	0.0162	5.061 mg/L	0.0162	0.32%
Cd 228.802	6908640.4	4.832 mg/L	0.0403	4.832 mg/L	0.0403	0.83%

Sequence No.: 81

Sample ID: 60

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 77

Date Collected: 17.12.2021 19:11:23

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 60

Analyte	Back Pressure	Flow
All	264.0 kPa	0.70 L/min

Replicate Data: 60

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-19849.2	-17463.8	0.174 mg/L	0.174 mg/L	19:12:34
1	Ni 231.604	4086786.4	4083584.6	5.623 mg/L	5.623 mg/L	19:12:39
1	Zn 213.857	7599266.4	7566304.8	5.905 mg/L	5.905 mg/L	19:12:43
1	Fe 238.863	2425744.3	2432235.0	5.173 mg/L	5.173 mg/L	19:12:49
1	Cd 228.802	7000628.5	7000635.1	4.897 mg/L	4.897 mg/L	19:12:52
2	Pd 248.892	-14884.0	-12498.6	0.227 mg/L	0.227 mg/L	19:12:56
2	Ni 231.604	3944936.2	3941734.4	5.426 mg/L	5.426 mg/L	19:13:01
2	Zn 213.857	7302404.3	7269442.6	5.641 mg/L	5.641 mg/L	19:13:06
2	Fe 238.863	2390133.3	2396624.0	5.094 mg/L	5.094 mg/L	19:13:11
2	Cd 228.802	7058926.9	7058933.5	4.938 mg/L	4.938 mg/L	19:13:14
3	Pd 248.892	-14281.2	-11895.8	0.233 mg/L	0.233 mg/L	19:13:18
3	Ni 231.604	4046876.4	4043674.6	5.567 mg/L	5.567 mg/L	19:13:24

3	Zn 213.857	7439380.8	7406419.1	5.763 mg/L	5.763 mg/L	19:13:28
3	Fe 238.863	2420853.6	2427344.2	5.162 mg/L	5.162 mg/L	19:13:33
3	Cd 228.802	7123480.5	7123487.1	4.984 mg/L	4.984 mg/L	19:13:37

Mean Data: 60

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-13952.7	0.212 mg/L	0.0324	0.212 mg/L	0.0324	15.29%
Ni 231.604	4022997.9	5.539 mg/L	0.1017	5.539 mg/L	0.1017	1.84%
Zn 213.857	7414055.5	5.770 mg/L	0.1321	5.770 mg/L	0.1321	2.29%
Fe 238.863	2418734.4	5.143 mg/L	0.0427	5.143 mg/L	0.0427	0.83%
Cd 228.802	7061018.6	4.940 mg/L	0.0433	4.940 mg/L	0.0433	0.88%

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Sequence No.: 82	Autosampler Location: 78
Sample ID: 61	Date Collected: 17.12.2021 19:14:18
Analyst:	Data Type: Original
Initial Sample Wt:	Initial Sample Vol:
Dilution:	Sample Prep Vol:
Wash Time (before sample): 30	

Nebulizer Parameters: 61

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 61

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-15514.5	-13129.0	0.220 mg/L	0.220 mg/L	19:15:29
1	Ni 231.604	4206223.9	4203022.1	5.789 mg/L	5.789 mg/L	19:15:35
1	Zn 213.857	7642009.9	7609048.3	5.943 mg/L	5.943 mg/L	19:15:39
1	Fe 238.863	2463199.2	2469689.8	5.256 mg/L	5.256 mg/L	19:15:45
1	Cd 228.802	7070448.4	7070455.0	4.946 mg/L	4.946 mg/L	19:15:49
2	Pd 248.892	-18080.8	-15695.4	0.193 mg/L	0.193 mg/L	19:15:54
2	Ni 231.604	3867648.3	3864446.5	5.318 mg/L	5.318 mg/L	19:16:00
2	Zn 213.857	7547433.9	7514472.3	5.859 mg/L	5.859 mg/L	19:16:04
2	Fe 238.863	2431778.3	2438269.0	5.186 mg/L	5.186 mg/L	19:16:10
2	Cd 228.802	7026431.3	7026437.8	4.915 mg/L	4.915 mg/L	19:16:13
3	Pd 248.892	-14364.4	-11978.9	0.233 mg/L	0.233 mg/L	19:16:17
3	Ni 231.604	3910757.5	3907555.7	5.378 mg/L	5.378 mg/L	19:16:22
3	Zn 213.857	7470737.4	7437775.7	5.791 mg/L	5.791 mg/L	19:16:27
3	Fe 238.863	2409136.7	2415627.3	5.136 mg/L	5.136 mg/L	19:16:32
3	Cd 228.802	7044908.9	7044915.5	4.928 mg/L	4.928 mg/L	19:16:35

Mean Data: 61

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-13601.1	0.215 mg/L	0.0201	0.215 mg/L	0.0201	9.36%
Ni 231.604	3991674.8	5.495 mg/L	0.2562	5.495 mg/L	0.2562	4.66%
Zn 213.857	7520432.1	5.864 mg/L	0.0763	5.864 mg/L	0.0763	1.30%
Fe 238.863	2441195.4	5.193 mg/L	0.0600	5.193 mg/L	0.0600	1.16%
Cd 228.802	7047269.4	4.930 mg/L	0.0156	4.930 mg/L	0.0156	0.32%

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Sequence No.: 83	Autosampler Location: 79
Sample ID: 62	Date Collected: 17.12.2021 19:17:16
Analyst:	Data Type: Original
Initial Sample Wt:	Initial Sample Vol:
Dilution:	Sample Prep Vol:
Wash Time (before sample): 30	

Nebulizer Parameters: 62

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 62

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
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1	Pd 248.892	-17393.8	-15008.4	0.200 mg/L	0.200 mg/L	19:18:28
1	Ni 231.604	4017965.8	4014763.9	5.527 mg/L	5.527 mg/L	19:18:32
1	Zn 213.857	7592379.0	7559417.3	5.899 mg/L	5.899 mg/L	19:18:37
1	Fe 238.863	2357407.4	2363898.1	5.022 mg/L	5.022 mg/L	19:18:42
1	Cd 228.802	7027368.7	7027375.3	4.916 mg/L	4.916 mg/L	19:18:45
2	Pd 248.892	-12363.7	-9978.3	0.254 mg/L	0.254 mg/L	19:18:49
2	Ni 231.604	4047890.4	4044688.6	5.569 mg/L	5.569 mg/L	19:18:55
2	Zn 213.857	7457790.3	7424828.7	5.779 mg/L	5.779 mg/L	19:18:59
2	Fe 238.863	2423917.3	2430408.0	5.169 mg/L	5.169 mg/L	19:19:04
2	Cd 228.802	7120102.3	7120108.9	4.981 mg/L	4.981 mg/L	19:19:08
3	Pd 248.892	-14200.9	-11815.4	0.234 mg/L	0.234 mg/L	19:19:12
3	Ni 231.604	4022107.5	4018905.7	5.533 mg/L	5.533 mg/L	19:19:17
3	Zn 213.857	7444460.0	7411498.3	5.768 mg/L	5.768 mg/L	19:19:22
3	Fe 238.863	2410375.3	2416866.0	5.139 mg/L	5.139 mg/L	19:19:27
3	Cd 228.802	7019894.6	7019901.2	4.911 mg/L	4.911 mg/L	19:19:30

Mean Data: 62

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-12267.4	0.229 mg/L	0.0270	0.229 mg/L	0.0270	11.74%
Ni 231.604	4026119.4	5.543 mg/L	0.0225	5.543 mg/L	0.0225	0.41%
Zn 213.857	7465248.1	5.815 mg/L	0.0727	5.815 mg/L	0.0727	1.25%
Fe 238.863	2403724.0	5.110 mg/L	0.0777	5.110 mg/L	0.0777	1.52%
Cd 228.802	7055795.1	4.936 mg/L	0.0393	4.936 mg/L	0.0393	0.80%

Sequence No.: 84

Sample ID: 63

Analyst:

Initial Sample Wt:

Dilution:

Wash Time (before sample): 30

Autosampler Location: 80

Date Collected: 17.12.2021 19:20:11

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: 63

Analyte	Back Pressure	Flow
All	265.0 kPa	0.70 L/min

Replicate Data: 63

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Pd 248.892	-14590.9	-12205.4	0.230 mg/L	0.230 mg/L	19:21:23
1	Ni 231.604	3997078.1	3993876.3	5.498 mg/L	5.498 mg/L	19:21:28
1	Zn 213.857	7433567.6	7400605.9	5.758 mg/L	5.758 mg/L	19:21:33
1	Fe 238.863	2388437.4	2394928.0	5.090 mg/L	5.090 mg/L	19:21:38
1	Cd 228.802	6861995.1	6862001.7	4.799 mg/L	4.799 mg/L	19:21:41
2	Pd 248.892	-15704.3	-13318.9	0.218 mg/L	0.218 mg/L	19:21:45
2	Ni 231.604	3914947.0	3911745.2	5.384 mg/L	5.384 mg/L	19:21:50
2	Zn 213.857	7355151.7	7322190.0	5.688 mg/L	5.688 mg/L	19:21:54
2	Fe 238.863	2464010.3	2470500.9	5.257 mg/L	5.257 mg/L	19:21:59
2	Cd 228.802	7051531.8	7051538.4	4.933 mg/L	4.933 mg/L	19:22:03
3	Pd 248.892	-12838.7	-10453.2	0.249 mg/L	0.249 mg/L	19:22:07
3	Ni 231.604	3954768.0	3951566.2	5.439 mg/L	5.439 mg/L	19:22:12
3	Zn 213.857	7438201.6	7405240.0	5.762 mg/L	5.762 mg/L	19:22:17
3	Fe 238.863	2388511.7	2395002.3	5.090 mg/L	5.090 mg/L	19:22:22
3	Cd 228.802	6897033.3	6897039.9	4.824 mg/L	4.824 mg/L	19:22:25

Mean Data: 63

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Pd 248.892	-11992.5	0.232 mg/L	0.0153	0.232 mg/L	0.0153	6.58%
Ni 231.604	3952395.9	5.440 mg/L	0.0571	5.440 mg/L	0.0571	1.05%
Zn 213.857	7376012.0	5.736 mg/L	0.0415	5.736 mg/L	0.0415	0.72%
Fe 238.863	2420143.8	5.146 mg/L	0.0965	5.146 mg/L	0.0965	1.87%
Cd 228.802	6936860.0	4.852 mg/L	0.0710	4.852 mg/L	0.0710	1.46%