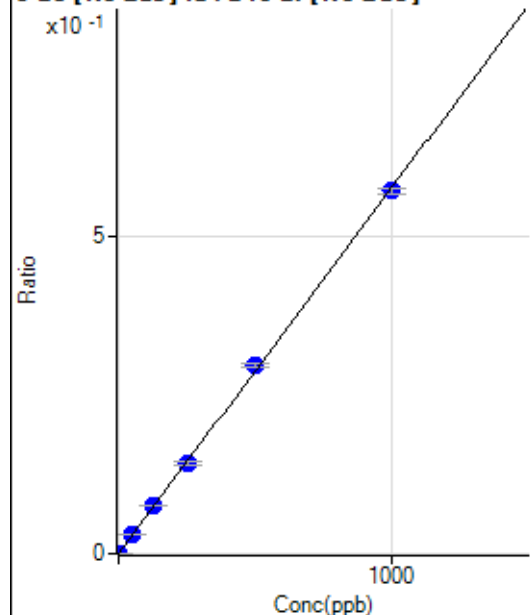


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012722MS1.b\
Analysis File: P8012722MS1.batch.bin
DA Date-Time: 2022-01-28 10:58:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2022-01-27 12:41:38
2	007CALS.d	S02	2022-01-27 12:47:49
3	008CALS.d	S03	2022-01-27 12:50:56
4	009CALS.d	S04	2022-01-27 12:53:59
5	010CALS.d	S05	2022-01-27 12:57:04
6	011CALS.d	S06	2022-01-27 13:00:08
7	012CALS.d	S07	2022-01-27 13:03:13
8	013CALS.d	S08	2022-01-27 13:06:16

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.32	0.0000	P	18.3
2	☐	1.000	1.052	776.54	0.0006	P	5.5
3	☐	50.000	51.392	37578.29	0.0296	P	0.9
4	☐	125.000	129.433	95795.95	0.0745	P	0.5
5	☐	250.000	247.739	193483.50	0.1426	P	3.4
6	☐	500.000	515.293	388520.74	0.2967	P	1.5
7	☐	1000.000	992.295	768976.26	0.5713	P	1.7
8	☐			460.59	0.0004	P	8.4

$$y = 5.7567\text{E-}004 * x + 2.6988\text{E-}005$$

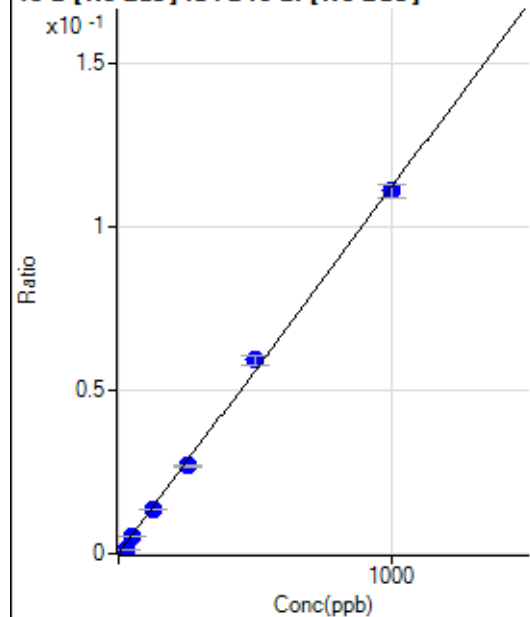
$$R = 0.9998$$

$$DL = 0.02568$$

$$BEC = 0.04688$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.32	0.0001	P	11.1
2	☐	25.000	10.850	1561.11	0.0013	P	5.7
3	☐	50.000	45.818	6582.86	0.0052	P	6.5
4	☐	125.000	119.931	17329.50	0.0135	P	3.5
5	☐	250.000	239.852	36526.75	0.0269	P	2.0
6	☐	500.000	527.927	77451.69	0.0592	P	5.6
7	☐	1000.000	989.770	149240.25	0.1109	P	3.7
8	☐			16095.65	0.0125	P	8.3

$$y = 1.1195\text{E-}004 * x + 5.7692\text{E-}005$$

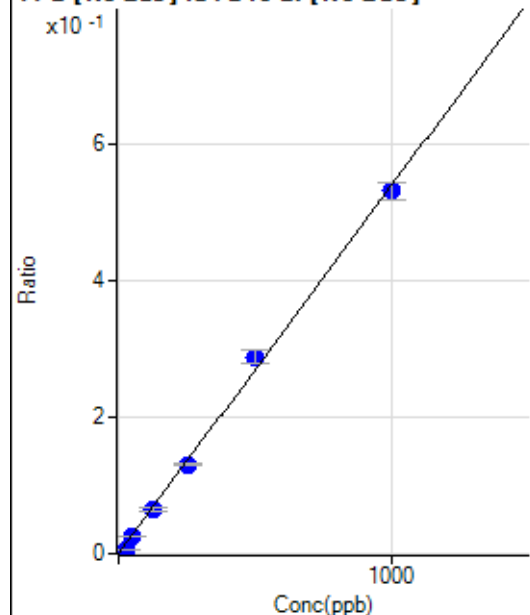
$$R = 0.9993$$

$$DL = 0.1708$$

$$BEC = 0.5153$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.95	0.0002	P	11.1
2	☐	25.000	11.304	7717.19	0.0063	P	4.3
3	☐	50.000	45.898	31608.36	0.0249	P	4.8
4	☐	125.000	120.002	83268.26	0.0648	P	5.6
5	☐	250.000	241.871	177018.44	0.1304	P	1.9
6	☐	500.000	535.253	377416.45	0.2883	P	6.0
7	☐	1000.000	985.578	714263.08	0.5307	P	4.8
8	☐			76920.87	0.0600	P	7.4

$$y = 5.3822\text{E-}004 * x + 2.0558\text{E-}004$$

$$R = 0.9989$$

$$DL = 0.1269$$

$$BEC = 0.382$$

Weight: <None>

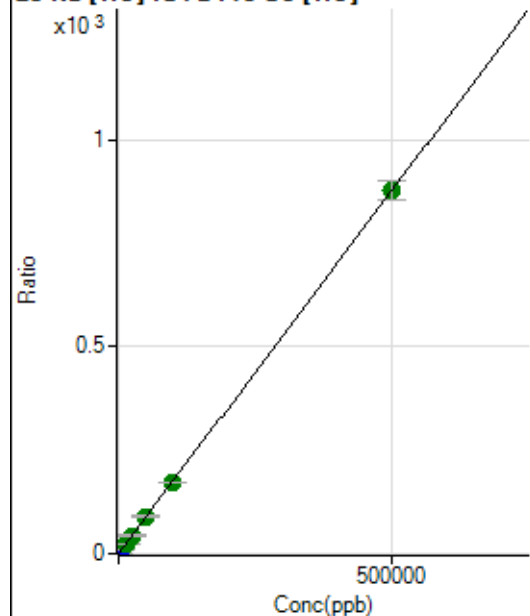
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3216239.53		A	0.9
2	☐			3406985.66		A	1.5
3	☐			3681815.80		A	0.8
4	☐			3721630.42		A	1.7
5	☐			3956247.35		A	1.8
6	☐			4280615.33		A	2.9
7	☐			5874188.24		A	4.0
8	☐			4580254.96		A	1.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33054.60		P	1.0
2	☐			34836.35		P	1.9
3	☐			37403.85		P	2.2
4	☐			38969.01		P	0.4
5	☐			41720.98		P	1.3
6	☐			45983.53		P	1.9
7	☐			64090.28		P	0.6
8	☐			49946.45		P	0.5

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14599.34	0.1610	P	1.9
2	☐	500.000	443.873	88205.89	0.9390	P	2.4
3	☐	5000.000	4927.044	815688.56	8.7963	P	0.6
4	☐	12500.000	12599.240	2035846.29	22.2427	A	1.1
5	☐	25000.000	24934.027	3984431.25	43.8609	A	2.3
6	☐	50000.000	51282.204	7983456.17	90.0392	A	2.6
7	☐	100000.00	98445.162	15583750.00	172.6978	A	0.2
8	☐	500000.00	500184.35	77895075.35	876.7933	A	5.2

$$y = 0.0018 * x + 0.1610$$

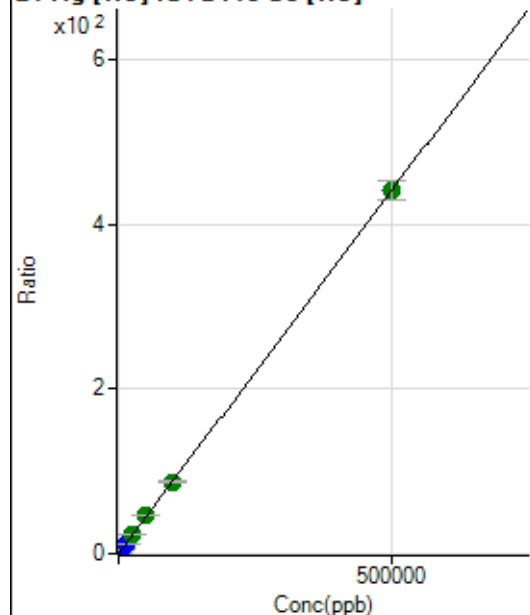
$$R = 1.0000$$

$$DL = 5.238$$

$$BEC = 91.89$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	536.14	0.0059	P	2.9
2	☐	500.000	464.281	38994.59	0.4151	P	2.8
3	☐	5000.000	5073.751	415247.08	4.4779	P	0.5
4	☐	12500.000	12550.925	1013060.03	11.0682	P	0.1
5	☐	25000.000	25665.938	2055698.33	22.6277	A	0.7
6	☐	50000.000	51916.174	4058321.27	45.7644	A	0.7
7	☐	100000.00	99213.539	7890793.93	87.4519	A	1.8
8	☐	500000.00	499930.40	39146424.14	440.6406	A	5.2

$$y = 8.8139\text{E-}004 * x + 0.0059$$

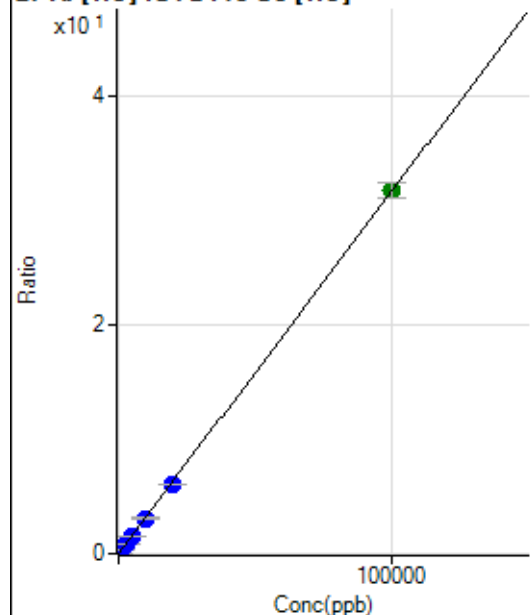
$$R = 1.0000$$

$$DL = 0.5881$$

$$BEC = 6.709$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.41	0.0012	P	7.9
2	☐	20.000	16.298	592.86	0.0063	P	7.3
3	☐	1000.000	972.500	28606.87	0.3085	P	0.7
4	☐	2500.000	2450.490	70980.89	0.7756	P	1.1
5	☐	5000.000	4874.502	140046.06	1.5416	P	1.3
6	☐	10000.000	9815.824	275171.92	3.1032	P	0.5
7	☐	20000.000	19173.969	546871.36	6.0605	P	0.5
8	☐	100000.00	100191.41	2813455.59	31.6638	A	4.3

$$y = 3.1602\text{E-}004 * x + 0.0012$$

$$R = 1.0000$$

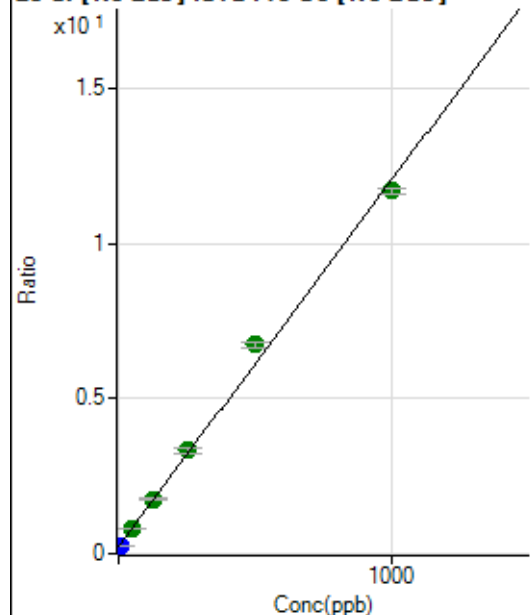
$$DL = 0.8708$$

$$BEC = 3.681$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	571501.38	0.2253	P	1.5
2	☐	10.000	1.151	602444.97	0.2389	P	1.5
3	☐	50.000	50.476	2140973.18	0.8221	A	2.3
4	☐	125.000	130.385	4587005.61	1.7669	A	5.3
5	☐	250.000	262.473	8916505.41	3.3286	A	6.3
6	☐	500.000	550.540	17615262.55	6.7346	A	1.9
7	☐	1000.000	971.003	31159207.29	11.7059	A	1.5
8	☐			1277419.72	0.4978	A	4.5

$$y = 0.0118 * x + 0.2253$$

$$R = 0.9978$$

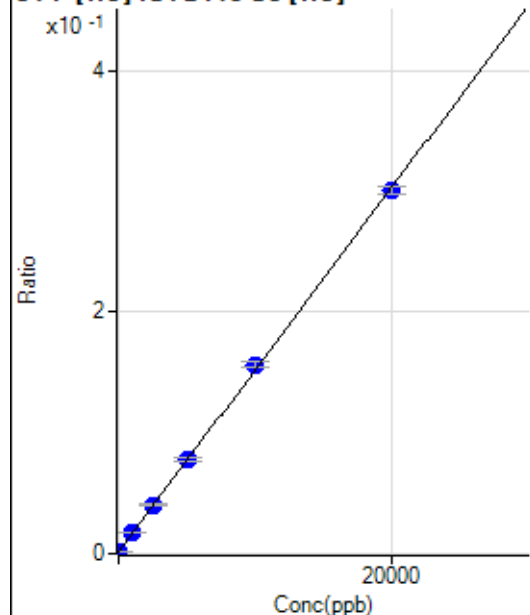
$$DL = 0.8355$$

$$BEC = 19.06$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-12.108	125.00	0.0014	P	22.9
2	☐	0.000	12.108	163.89	0.0017	P	20.1
3	☐	1000.000	1057.751	1622.36	0.0175	P	6.6
4	☐	2500.000	2572.377	3692.24	0.0403	P	3.5
5	☐	5000.000	5061.546	7071.38	0.0778	P	3.0
6	☐	10000.000	10283.633	13882.00	0.1566	P	2.5
7	☐	20000.000	19830.862	27109.28	0.3005	P	2.2
8	☐			180.56	0.0020	P	30.0

$$y = 1.5072E-005 * x + 0.0016$$

$$R = 0.9998$$

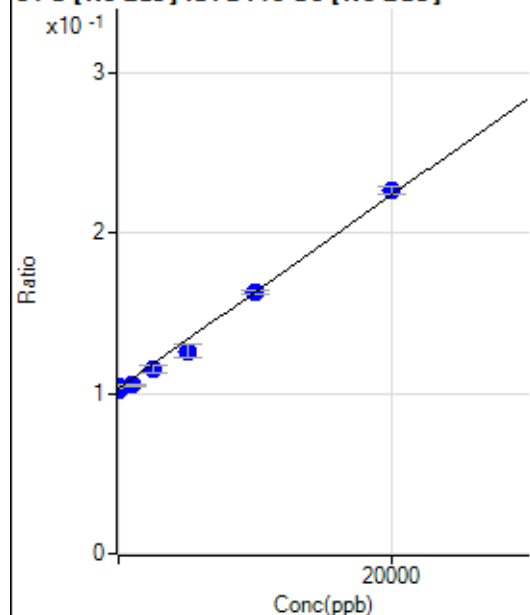
$$DL = 66.11$$

$$BEC = 103.4$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-131.555	259897.04	0.1025	P	1.5
2	☐	0.000	131.555	262369.62	0.1041	P	2.0
3	☐	1000.000	362.242	274645.51	0.1055	P	1.1
4	☐	2500.000	2026.052	299994.75	0.1155	P	3.8
5	☐	5000.000	3843.520	338805.95	0.1265	P	6.4
6	☐	10000.000	9926.460	426984.39	0.1632	P	1.1
7	☐	20000.000	20417.021	603108.57	0.2266	P	2.2
8	☐			246609.64	0.0961	P	2.4

$$y = 6.0407E-006 * x + 0.1033$$

$$R = 0.9981$$

$$DL = 915$$

$$BEC = 1.709E+04$$

Weight: <None>

Min Conc: 0

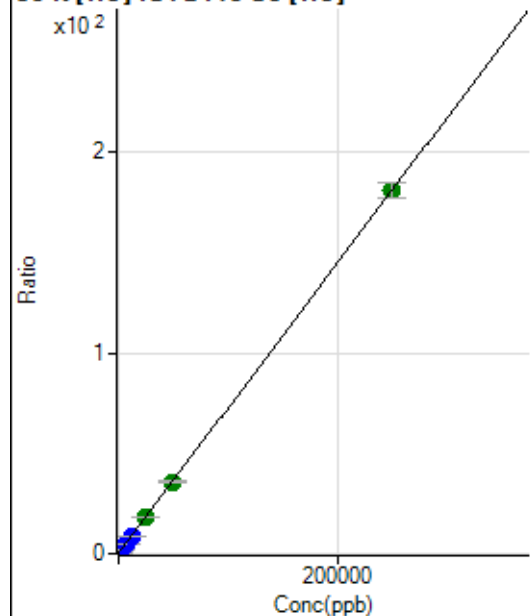
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			276775.79		P	1.0
2	☐			242370.60		P	0.4
3	☐			232783.01		P	0.6
4	☐			219818.40		P	0.7
5	☐			211622.95		P	1.7
6	☐			200985.46		P	2.3
7	☐			199928.85		P	0.9
8	☐			193910.57		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2116.88		P	7.0
2	☐			1844.61		P	9.7
3	☐			1722.36		P	2.9
4	☐			1697.37		P	5.9
5	☐			1536.24		P	8.2
6	☐			1400.11		P	6.3
7	☐			1411.22		P	10.9
8	☐			1291.76		P	6.7

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15700.59	0.1732	P	1.6
2	☐	500.000	448.543	46706.63	0.4972	P	0.8
3	☐	2500.000	2472.999	181713.70	1.9596	P	1.1
4	☐	6250.000	6184.464	424716.85	4.6408	P	1.4
5	☐	12500.000	12233.397	818563.64	9.0105	P	0.7
6	☐	25000.000	25474.330	1647224.39	18.5756	A	0.7
7	☐	50000.000	49457.168	3239365.76	35.9005	A	1.2
8	☐	250000.00	250076.47	16067326.05	180.8258	A	4.3

$$y = 7.2239E-004 * x + 0.1732$$

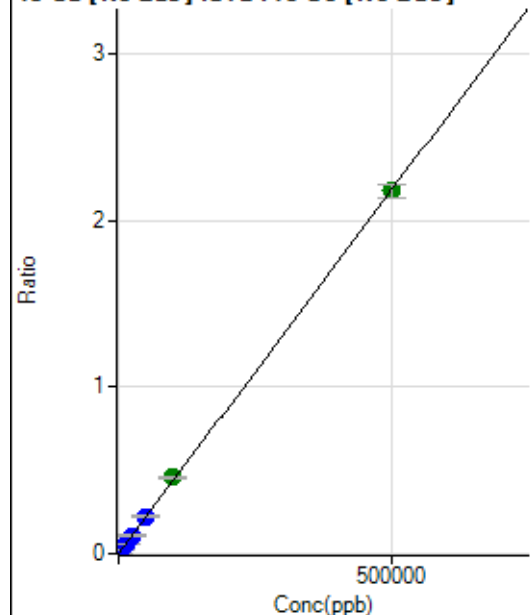
$$R = 1.0000$$

$$DL = 11.26$$

$$BEC = 239.7$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.64	0.0001	P	10.7
2	☐	500.000	463.395	5335.34	0.0021	P	2.8
3	☐	5000.000	5036.867	57508.32	0.0221	P	1.4
4	☐	12500.000	12777.702	145040.63	0.0559	P	5.4
5	☐	25000.000	25036.051	293015.26	0.1094	P	6.3
6	☐	50000.000	51250.838	585483.47	0.2238	P	1.2
7	☐	100000.00	104671.38	1216732.00	0.4570	A	0.8
8	☐	500000.00	498931.56	5589911.53	2.1781	A	3.8

$$y = 4.3654\text{E-}006 * x + 9.3414\text{E-}005$$

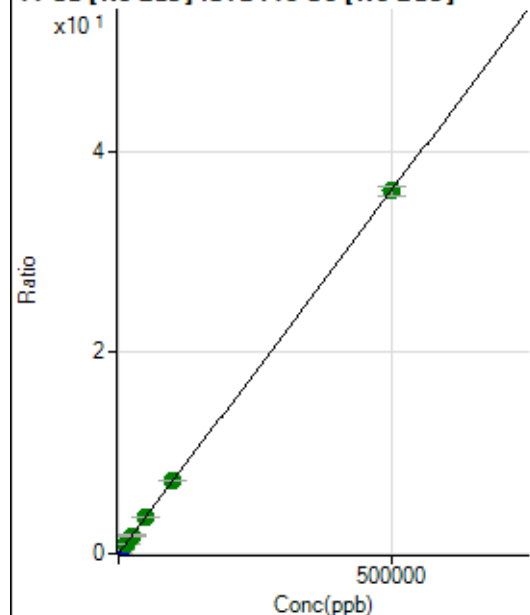
$$R = 0.9999$$

$$DL = 6.898$$

$$BEC = 21.4$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17133.12	0.0068	P	2.7
2	☐	500.000	469.425	102373.36	0.0406	P	1.7
3	☐	5000.000	4965.298	950002.27	0.3648	P	1.3
4	☐	12500.000	13062.198	2464535.56	0.9486	A	3.1
5	☐	25000.000	24858.021	4817390.33	1.7991	A	7.3
6	☐	50000.000	51289.368	9692247.75	3.7048	A	0.3
7	☐	100000.00	101217.90	19446404.23	7.3048	A	0.6
8	☐	500000.00	499620.90	92473568.45	36.0304	A	2.9

$$y = 7.2102\text{E-}005 * x + 0.0068$$

$$R = 1.0000$$

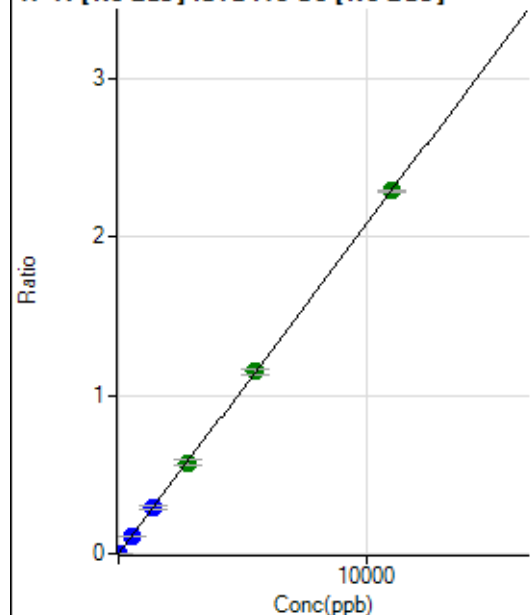
$$DL = 7.454$$

$$BEC = 93.7$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.12	0.0001	P	35.1
2	☐	5.000	5.077	2872.57	0.0011	P	1.3
3	☐	550.000	543.727	294775.95	0.1132	P	2.8
4	☐	1375.000	1397.176	754698.20	0.2907	P	5.1
5	☐	2750.000	2740.394	1527029.48	0.5701	A	6.4
6	☐	5500.000	5508.028	2996761.00	1.1458	A	3.0
7	☐	11000.000	10995.929	6088620.19	2.2873	A	0.8
8	☐			1005.63	0.0004	P	8.4

$$y = 2.0800\text{E-}004 * x + 8.2989\text{E-}005$$

$$R = 1.0000$$

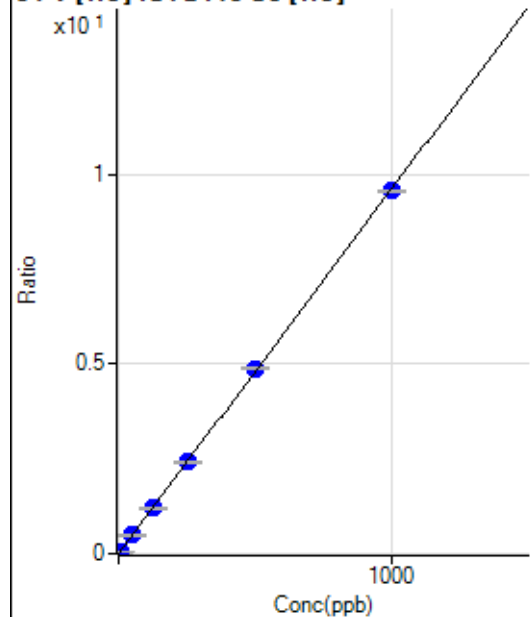
$$DL = 0.4199$$

$$BEC = 0.399$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0001	P	42.0
2	☐	5.000	4.758	4304.03	0.0458	P	3.3
3	☐	50.000	50.208	44709.78	0.4821	P	0.8
4	☐	125.000	124.595	109481.77	1.1962	P	1.3
5	☐	250.000	251.405	219270.61	2.4136	P	1.1
6	☐	500.000	508.679	433036.23	4.8834	P	1.1
7	☐	1000.000	995.351	862213.40	9.5554	P	0.8
8	☐			191.12	0.0022	P	33.3

$$y = 0.0096 * x + 1.4659\text{E-}004$$

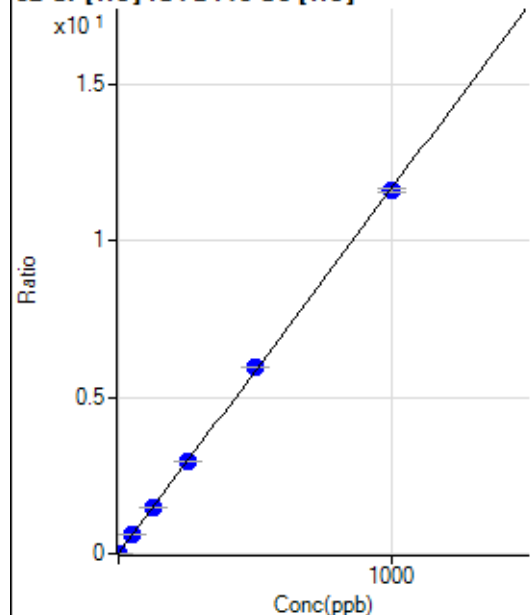
$$R = 0.9999$$

$$DL = 0.01924$$

$$BEC = 0.01527$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	601.13	0.0066	P	5.2
2	☐	2.000	1.780	2572.48	0.0274	P	1.2
3	☐	50.000	50.337	55027.60	0.5934	P	1.1
4	☐	125.000	126.430	135490.53	1.4804	P	0.9
5	☐	250.000	253.048	268576.17	2.9564	P	1.4
6	☐	500.000	511.471	529291.48	5.9688	P	0.3
7	☐	1000.000	993.307	1045399.02	11.5856	P	1.2
8	☐			2715.84	0.0305	P	2.5

$$y = 0.0117 * x + 0.0066$$

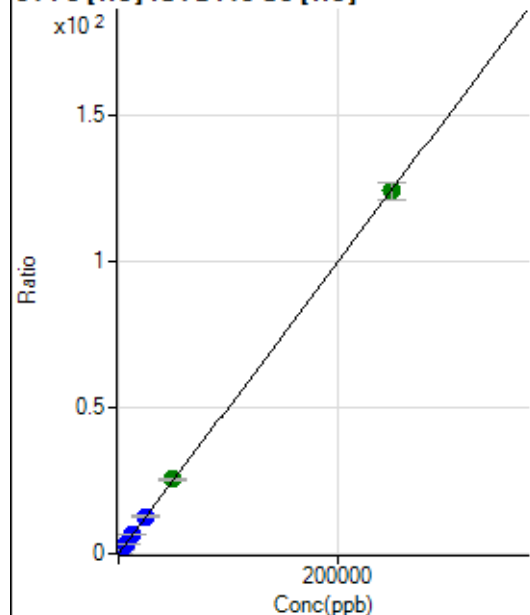
$$R = 0.9999$$

$$DL = 0.08865$$

$$BEC = 0.5688$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	429.65	0.0047	P	22.6
2	☐	50.000	47.003	2644.75	0.0281	P	2.6
3	☐	2500.000	2519.845	116758.52	1.2592	P	1.6
4	☐	6250.000	6405.319	292267.52	3.1935	P	1.5
5	☐	12500.000	12636.670	571940.77	6.2957	P	0.6
6	☐	25000.000	25637.239	1132141.83	12.7677	P	1.5
7	☐	50000.000	51444.821	2311174.50	25.6155	A	2.8
8	☐	250000.00	249636.39	11042236.01	124.2811	A	4.7

$$y = 4.9783E-004 * x + 0.0047$$

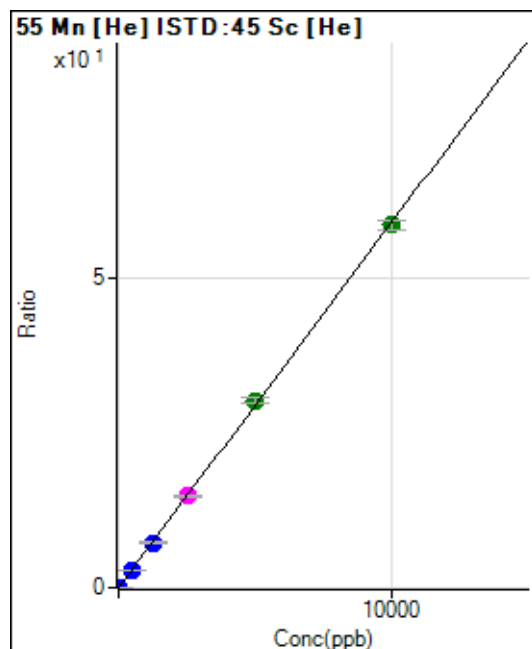
$$R = 1.0000$$

$$DL = 6.463$$

$$BEC = 9.535$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	60.00	0.0007	P	14.2
2	☐	1.000	0.871	544.46	0.0058	P	5.7
3	☐	500.000	488.847	267299.19	2.8825	P	0.7
4	☐	1250.000	1231.573	664532.89	7.2610	P	1.4
5	☐	2500.000	2505.886	1341978.36	14.7734	M	3.7
6	☐	5000.000	5131.671	2682629.30	30.2530	A	2.3
7	☐	10000.000	9935.554	5284948.22	58.5729	A	2.4
8	☐			3011.47	0.0339	P	10.9

$$y = 0.0059 * x + 6.6150E-004$$

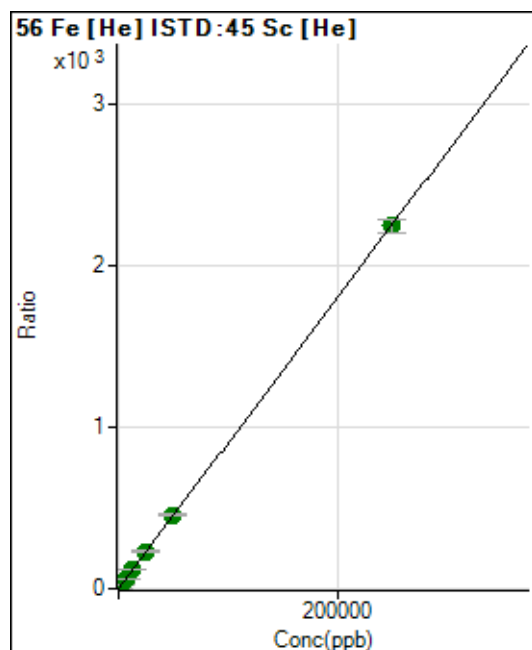
$$R = 0.9999$$

$$DL = 0.04796$$

$$BEC = 0.1122$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2917.03	0.0322	P	7.6
2	☐	50.000	46.184	42041.78	0.4476	P	1.6
3	☐	2500.000	2600.626	2172176.77	23.4231	A	2.4
4	☐	6250.000	6473.278	5332293.12	58.2550	A	0.7
5	☐	12500.000	12840.260	10494427.90	115.5218	A	2.0
6	☐	25000.000	25731.906	20526606.25	231.4736	A	0.8
7	☐	50000.000	50673.348	41127155.09	455.8053	A	1.8
8	☐	250000.00	249768.53	199633610.0	2,246.534	A	3.9

$$y = 0.0090 * x + 0.0322$$

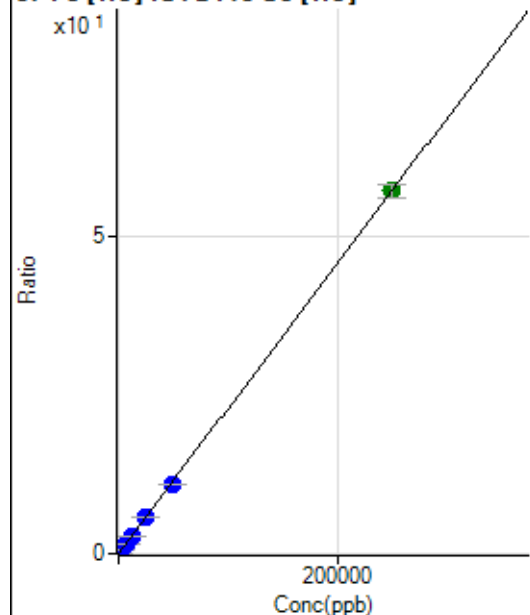
$$R = 1.0000$$

$$DL = 0.8141$$

$$BEC = 3.579$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	220.38	0.0024	P	12.1
2	☐	50.000	41.220	1113.03	0.0119	P	11.8
3	☐	2500.000	2438.557	51940.70	0.5602	P	1.8
4	☐	6250.000	6146.923	128909.94	1.4083	P	1.1
5	☐	12500.000	12294.456	255672.95	2.8143	P	1.1
6	☐	25000.000	24735.476	501893.31	5.6597	P	0.9
7	☐	50000.000	48053.801	991943.79	10.9929	P	0.5
8	☐	250000.00	250429.16	5090115.04	57.2788	A	3.6

$$y = 2.2871\text{E-}004 * x + 0.0024$$

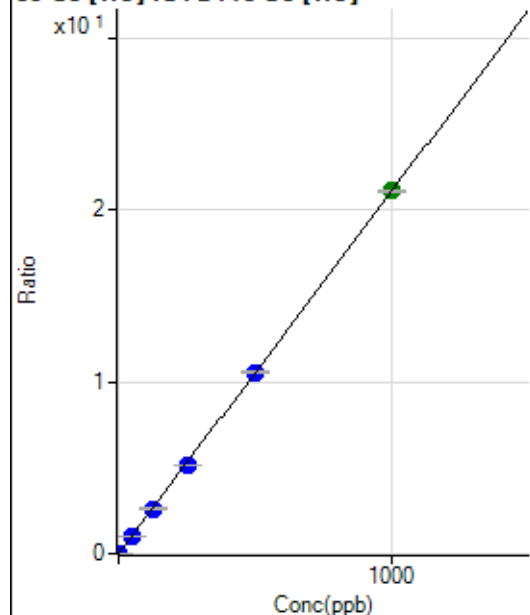
$$R = 1.0000$$

$$DL = 3.86$$

$$BEC = 10.63$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0006	P	41.0
2	☐	1.000	0.938	1909.04	0.0203	P	6.4
3	☐	50.000	48.859	95635.44	1.0313	P	0.6
4	☐	125.000	123.689	238851.78	2.6099	P	1.7
5	☐	250.000	245.112	469799.19	5.1715	P	1.0
6	☐	500.000	499.647	934733.03	10.5412	P	1.0
7	☐	1000.000	1001.620	1906743.89	21.1309	A	0.5
8	☐			4427.41	0.0498	P	3.4

$$y = 0.0211 * x + 5.5201\text{E-}004$$

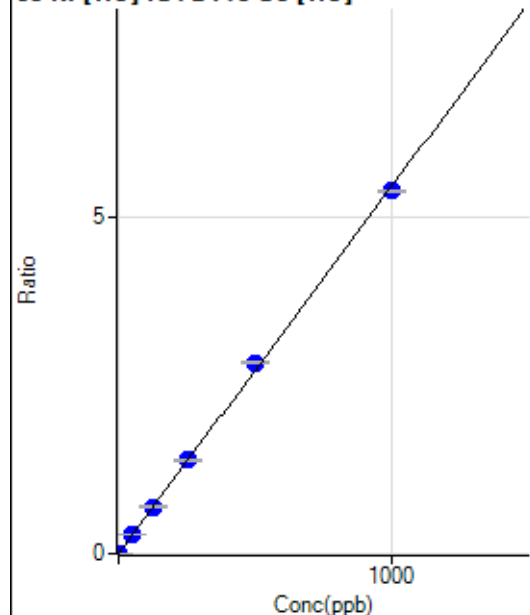
$$R = 1.0000$$

$$DL = 0.03215$$

$$BEC = 0.02617$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.11	0.0010	P	6.2
2	☐	1.000	0.904	556.69	0.0059	P	10.8
3	☐	50.000	51.370	26063.95	0.2810	P	0.6
4	☐	125.000	128.104	64010.02	0.6994	P	1.2
5	☐	250.000	254.725	126240.42	1.3896	P	1.2
6	☐	500.000	519.513	251237.95	2.8331	P	0.7
7	☐	1000.000	988.606	486393.22	5.3904	P	0.8
8	☐			1413.42	0.0159	P	7.5

$$y = 0.0055 * x + 0.0010$$

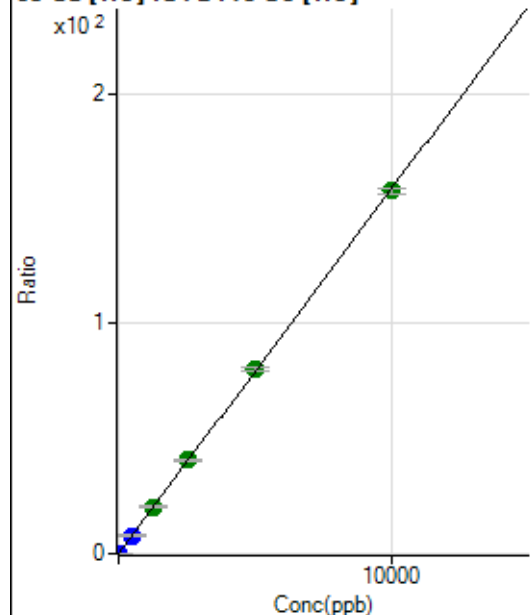
$$R = 0.9997$$

$$DL = 0.03408$$

$$BEC = 0.1844$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	323.34	0.0036	P	12.1
2	☐	2.000	1.867	3118.15	0.0332	P	0.9
3	☐	500.000	499.701	735662.40	7.9338	P	1.6
4	☐	1250.000	1283.691	1864964.00	20.3757	A	1.4
5	☐	2500.000	2557.200	3686963.14	40.5862	A	1.4
6	☐	5000.000	5074.023	7140647.60	80.5280	A	2.2
7	☐	10000.000	9944.492	14240514.51	157.8220	A	1.3
8	☐			5515.63	0.0621	P	7.7

$$y = 0.0159 * x + 0.0036$$

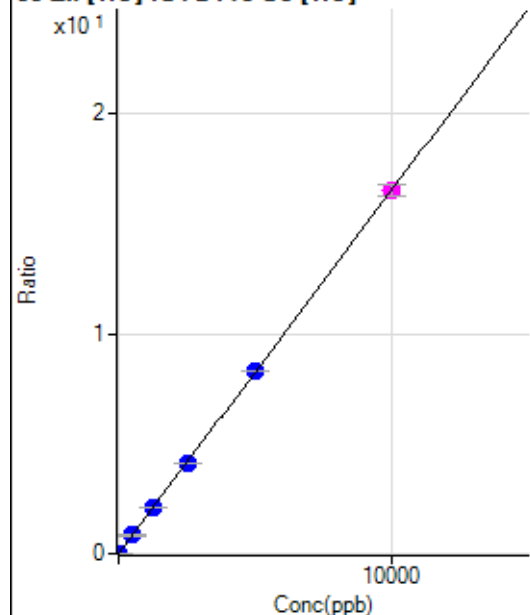
$$R = 0.9999$$

$$DL = 0.08133$$

$$BEC = 0.2246$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.00	0.0009	P	29.2
2	☐	2.000	2.035	398.90	0.0042	P	16.2
3	☐	500.000	502.523	77096.74	0.8313	P	0.5
4	☐	1250.000	1262.629	191041.90	2.0875	P	1.6
5	☐	2500.000	2491.044	374065.70	4.1175	P	1.5
6	☐	5000.000	5028.594	736987.72	8.3110	P	0.7
7	☐	10000.000	9986.237	1489329.86	16.5039	M	3.2
8	☐			3746.08	0.0422	P	6.1

$$y = 0.0017 * x + 8.8075E-004$$

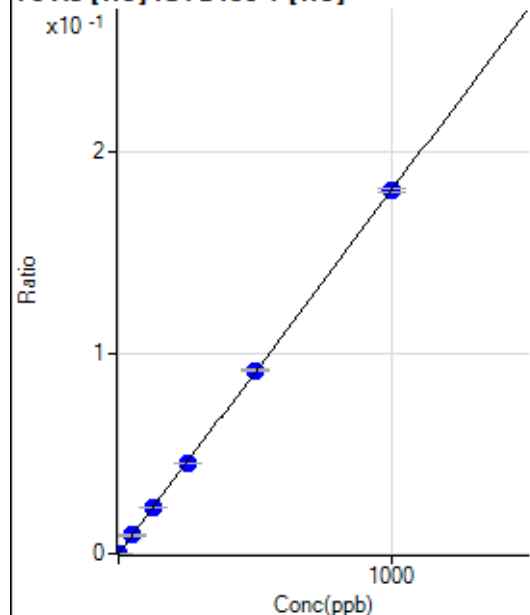
$$R = 1.0000$$

$$DL = 0.4662$$

$$BEC = 0.533$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.13	0.0000	P	8.6
2	☐	1.000	0.813	100.33	0.0002	P	21.0
3	☐	50.000	50.200	5665.32	0.0091	P	1.2
4	☐	125.000	125.410	14018.48	0.0227	P	1.3
5	☐	250.000	248.788	27865.92	0.0450	P	0.9
6	☐	500.000	503.726	55257.93	0.0912	P	0.6
7	☐	1000.000	998.379	109863.93	0.1807	P	1.1
8	☐			76.80	0.0001	P	15.4

$$y = 1.8099E-004 * x + 1.4894E-005$$

$$R = 1.0000$$

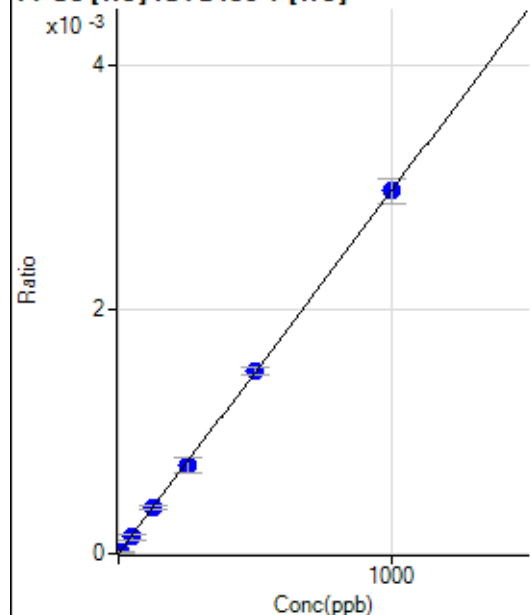
$$DL = 0.02133$$

$$BEC = 0.08229$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	3.017	6.66	0.0000	P	87.0
3	☐	50.000	44.981	84.44	0.0001	P	26.4
4	☐	125.000	127.054	234.45	0.0004	P	10.7
5	☐	250.000	244.490	451.13	0.0007	P	17.4
6	☐	500.000	502.871	907.82	0.0015	P	4.8
7	☐	1000.000	999.946	1809.02	0.0030	P	6.7
8	☐			4.44	0.0000	P	39.6

$$y = 2.9750\text{E-}006 * x + 1.7948\text{E-}006$$

$$R = 1.0000$$

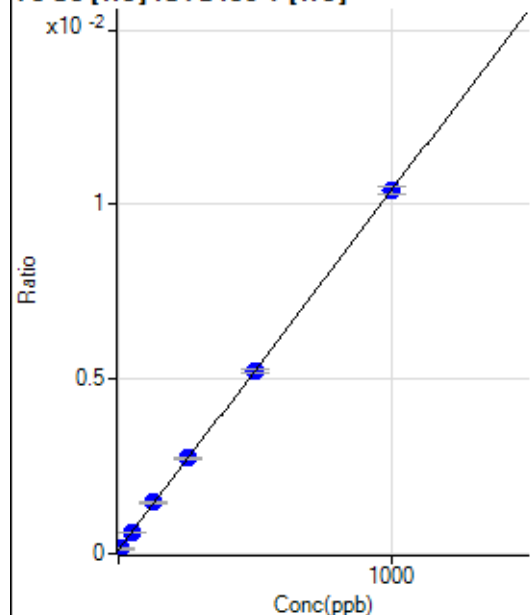
$$DL = 3.135$$

$$BEC = 0.6033$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.34	0.0001	P	10.5
2	☐	5.000	3.694	89.68	0.0001	P	16.8
3	☐	50.000	49.248	382.05	0.0006	P	2.8
4	☐	125.000	132.296	906.46	0.0015	P	1.9
5	☐	250.000	255.095	1690.61	0.0027	P	1.3
6	☐	500.000	498.414	3174.02	0.0052	P	1.6
7	☐	1000.000	998.651	6314.72	0.0104	P	2.1
8	☐			60.34	0.0001	P	13.5

$$y = 1.0295\text{E-}005 * x + 1.0660\text{E-}004$$

$$R = 1.0000$$

$$DL = 3.267$$

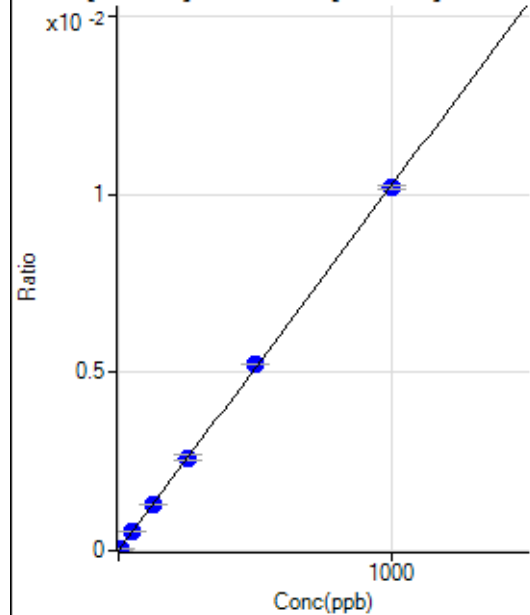
$$BEC = 10.35$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13480.41		P	2.3
2	☐			13837.88		P	1.9
3	☐			13834.47		P	0.4
4	☐			13360.16		P	3.6
5	☐			13477.09		P	2.3
6	☐			12528.62		P	1.9
7	☐			13253.28		P	1.0
8	☐			14208.70		P	4.1

82 Se [No Gas] ISTD: 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	191.
2	☐	5.000	4.124	256.45	0.0000	P	9.5
3	☐	50.000	50.633	2842.19	0.0005	P	1.9
4	☐	125.000	127.510	7212.42	0.0013	P	0.8
5	☐	250.000	253.038	14476.07	0.0026	P	6.3
6	☐	500.000	511.007	28551.37	0.0052	P	0.5
7	☐	1000.000	993.396	56993.95	0.0102	P	1.0
8	☐			74.88	0.0000	P	72.5

$$y = 1.0258E-005 * x + 6.2764E-006$$

$$R = 0.9999$$

$$DL = 3.51$$

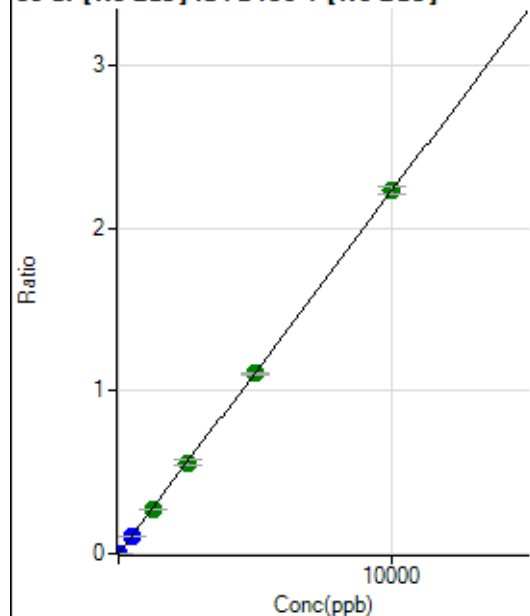
$$BEC = 0.6118$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			626.69		P	6.4
2	☐			657.80		P	5.4
3	☐			636.69		P	7.9
4	☐			687.80		P	1.4
5	☐			625.58		P	10.2
6	☐			711.14		P	1.5
7	☐			650.02		P	5.1
8	☐			673.36		P	4.0

86 Sr [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1033.40	0.0002	P	2.4
2	☐	1.000	0.964	2166.90	0.0004	P	6.9
3	☐	500.000	489.443	590213.30	0.1092	P	2.4
4	☐	1250.000	1232.978	1507409.62	0.2747	A	1.5
5	☐	2500.000	2509.424	3109148.49	0.5589	A	6.4
6	☐	5000.000	4976.253	6028315.67	1.1081	A	0.9
7	☐	10000.000	10012.173	12459972.24	2.2293	A	2.1
8	☐			9295.20	0.0017	P	3.0

$$y = 2.2264E-004 * x + 1.9571E-004$$

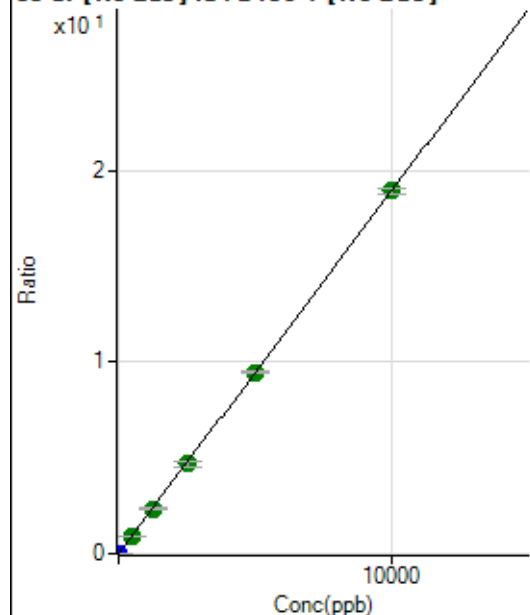
$$R = 1.0000$$

$$DL = 0.06284$$

$$BEC = 0.879$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	7.0
2	☐	1.000	0.980	9953.85	0.0019	P	2.0
3	☐	500.000	495.435	5065625.63	0.9370	A	2.4
4	☐	1250.000	1238.573	12851878.15	2.3423	A	1.6
5	☐	2500.000	2482.214	26108616.55	4.6942	A	7.2
6	☐	5000.000	5007.307	51515736.57	9.4696	A	1.5
7	☐	10000.000	10002.450	105732089.1	18.9161	A	1.8
8	☐			69123.22	0.0128	P	4.3

$$y = 0.0019 * x + 3.1052E-005$$

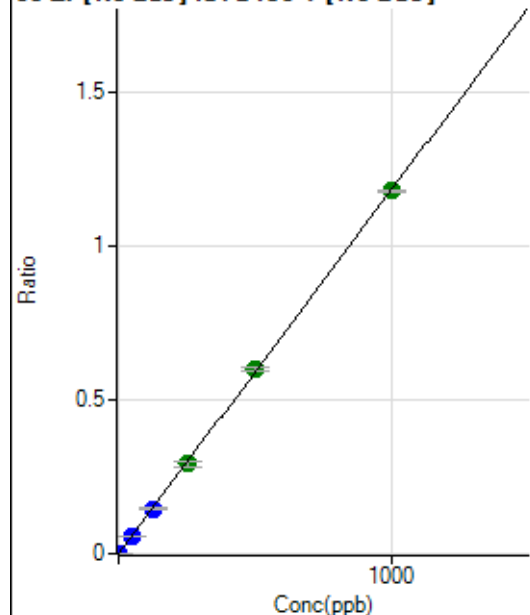
$$R = 1.0000$$

$$DL = 0.003437$$

$$BEC = 0.01642$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.12	0.0001	P	18.7
2	☐	1.000	0.961	6346.05	0.0012	P	6.7
3	☐	50.000	48.847	313141.10	0.0579	P	0.6
4	☐	125.000	123.968	805747.32	0.1469	P	3.1
5	☐	250.000	245.965	1620459.12	0.2914	A	8.1
6	☐	500.000	508.445	3276153.85	0.6022	A	1.8
7	☐	1000.000	996.973	6600807.26	1.1808	A	0.4
8	☐			2950.41	0.0005	P	3.4

$$y = 0.0012 * x + 6.3548E-005$$

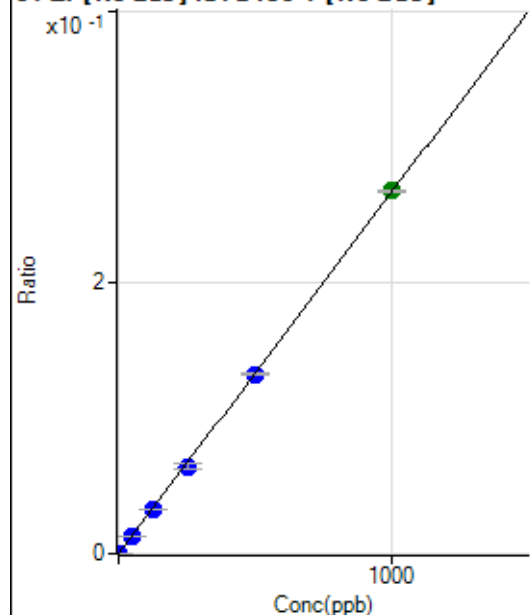
$$R = 0.9999$$

$$DL = 0.03017$$

$$BEC = 0.05366$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD : 89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	13.5
2	☐	1.000	0.849	1266.76	0.0002	P	10.8
3	☐	50.000	49.299	71107.44	0.0132	P	1.6
4	☐	125.000	121.342	177490.24	0.0324	P	1.9
5	☐	250.000	240.890	357103.44	0.0642	P	7.5
6	☐	500.000	497.340	721126.03	0.1326	P	1.1
7	☐	1000.000	1004.100	1495782.27	0.2676	A	0.8
8	☐			683.37	0.0001	P	15.3

$$y = 2.6651\text{E-}004 * x + 1.3680\text{E-}005$$

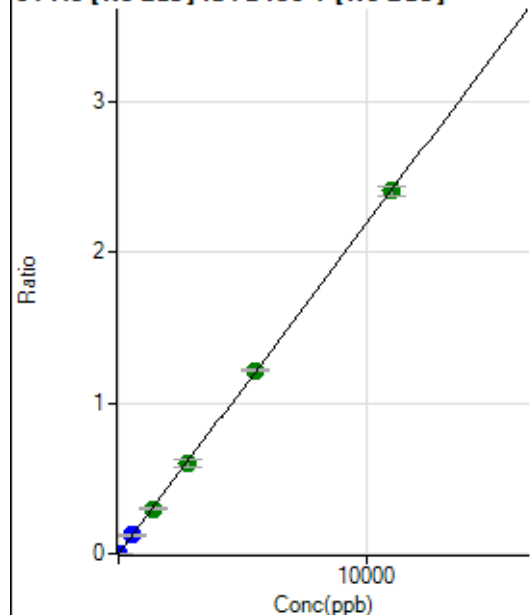
$$R = 0.9999$$

$$DL = 0.02081$$

$$BEC = 0.05133$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD : 89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	17.9
2	☐	5.000	6.061	7138.15	0.0014	P	1.9
3	☐	550.000	554.170	656475.20	0.1214	P	1.0
4	☐	1375.000	1367.366	1643332.56	0.2996	A	3.1
5	☐	2750.000	2722.470	3315019.52	0.5964	A	8.6
6	☐	5500.000	5554.245	6618898.46	1.2167	A	1.5
7	☐	11000.000	10980.506	13442741.10	2.4054	A	2.5
8	☐			3967.35	0.0007	P	11.7

$$y = 2.1906\text{E-}004 * x + 2.4168\text{E-}005$$

$$R = 1.0000$$

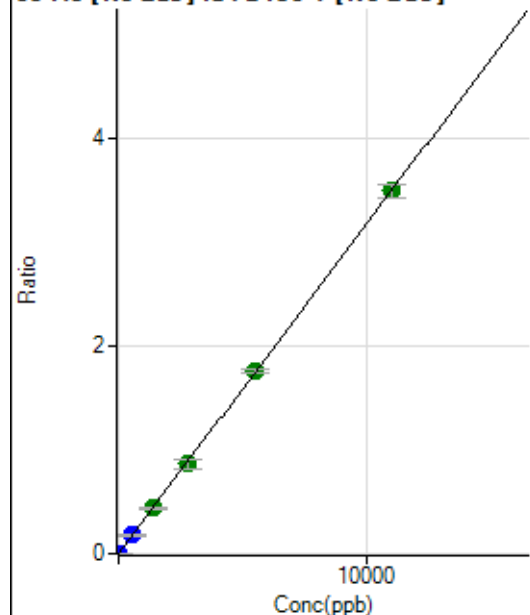
$$DL = 0.0594$$

$$BEC = 0.1103$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0000	P	29.1
2	☐	5.000	4.935	8347.22	0.0016	P	1.6
3	☐	550.000	554.614	953733.45	0.1764	P	1.6
4	☐	1375.000	1369.413	2388794.43	0.4355	A	4.3
5	☐	2750.000	2712.190	4793404.14	0.8626	A	9.2
6	☐	5500.000	5534.019	9574886.58	1.7600	A	2.7
7	☐	11000.000	10992.911	19537431.69	3.4962	A	3.5
8	☐			4548.15	0.0008	P	13.8

$$y = 3.1804\text{E-}004 * x + 1.1596\text{E-}005$$

$$R = 1.0000$$

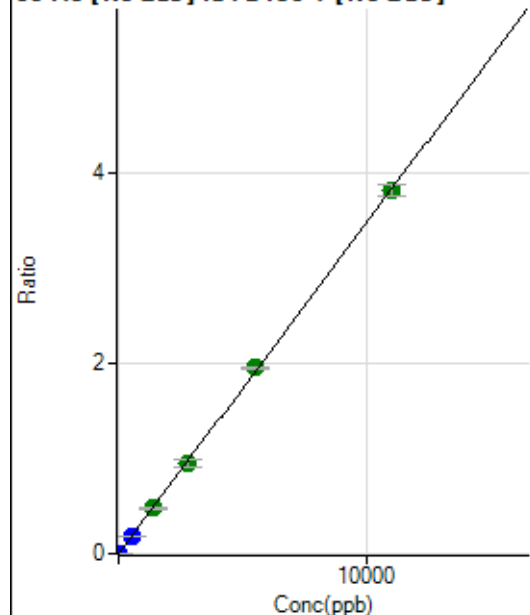
$$DL = 0.03186$$

$$BEC = 0.03646$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	133.34	0.0000	P	13.2
2	☐	5.000	5.068	9433.99	0.0018	P	3.7
3	☐	550.000	546.585	1027395.55	0.1900	P	0.6
4	☐	1375.000	1366.617	2606749.65	0.4751	A	1.7
5	☐	2750.000	2727.729	5273369.99	0.9482	A	7.1
6	☐	5500.000	5603.357	10595783.48	1.9478	A	1.2
7	☐	11000.000	10955.107	21280830.51	3.8080	A	3.0
8	☐			11121.44	0.0021	P	10.2

$$y = 3.4760\text{E-}004 * x + 2.5268\text{E-}005$$

$$R = 0.9999$$

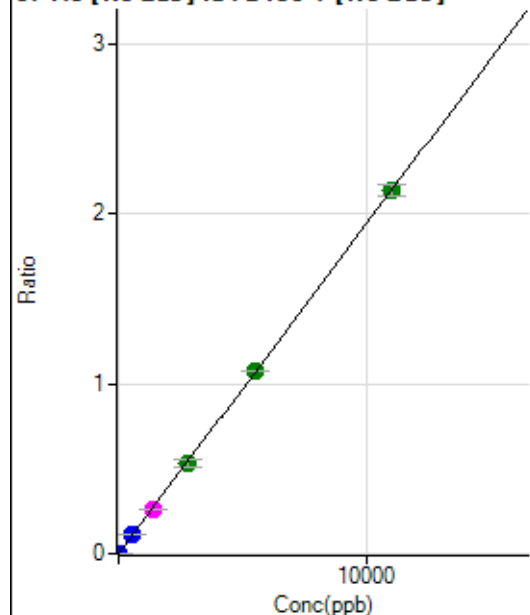
$$DL = 0.02878$$

$$BEC = 0.07269$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	62.7
2	☐	5.000	4.896	5053.82	0.0010	P	1.8
3	☐	550.000	558.920	587503.81	0.1087	P	0.1
4	☐	1375.000	1363.732	1454758.67	0.2651	M	0.3
5	☐	2750.000	2749.672	2971696.12	0.5345	A	8.1
6	☐	5500.000	5530.647	5848739.59	1.0751	A	1.0
7	☐	11000.000	10985.721	11934438.98	2.1356	A	3.0
8	☐			3161.64	0.0006	P	3.7

$$y = 1.9440\text{E-}004 * x + 5.2824\text{E-}006$$

$$R = 1.0000$$

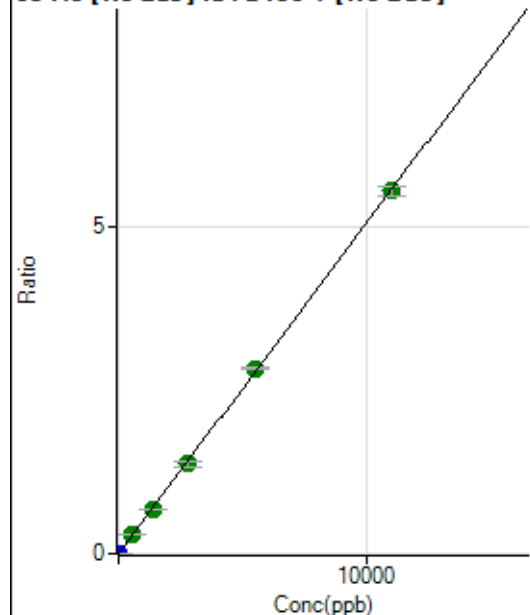
$$DL = 0.05115$$

$$BEC = 0.02717$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	24.9
2	☐	5.000	4.955	13279.00	0.0025	P	3.6
3	☐	550.000	555.806	1521063.37	0.2813	A	1.0
4	☐	1375.000	1350.748	3751239.19	0.6837	A	0.9
5	☐	2750.000	2715.629	7645902.95	1.3745	A	6.7
6	☐	5500.000	5595.077	15405297.92	2.8318	A	0.7
7	☐	11000.000	10963.795	31011709.03	5.5491	A	2.6
8	☐			7794.34	0.0014	P	17.7

$$y = 5.0613\text{E-}004 * x + 7.3661\text{E-}006$$

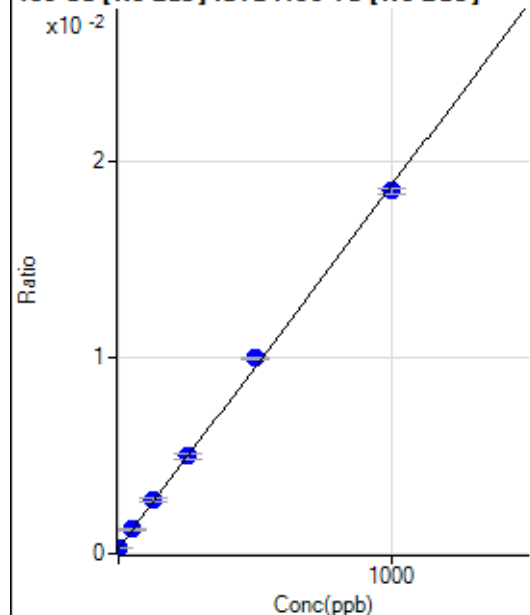
$$R = 0.9999$$

$$DL = 0.01088$$

$$BEC = 0.01455$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1069.52	0.0003	P	12.2
2	☐	1.000	2.056	1247.32	0.0003	P	9.2
3	☐	50.000	51.706	5006.62	0.0012	P	4.8
4	☐	125.000	134.123	11377.20	0.0027	P	4.0
5	☐	250.000	253.761	21453.28	0.0050	P	6.6
6	☐	500.000	524.463	41117.64	0.0100	P	1.1
7	☐	1000.000	985.602	80734.74	0.0185	P	1.4
8	☐			1100.07	0.0003	P	7.9

$$y = 1.8488\text{E-}005 * x + 2.6946\text{E-}004$$

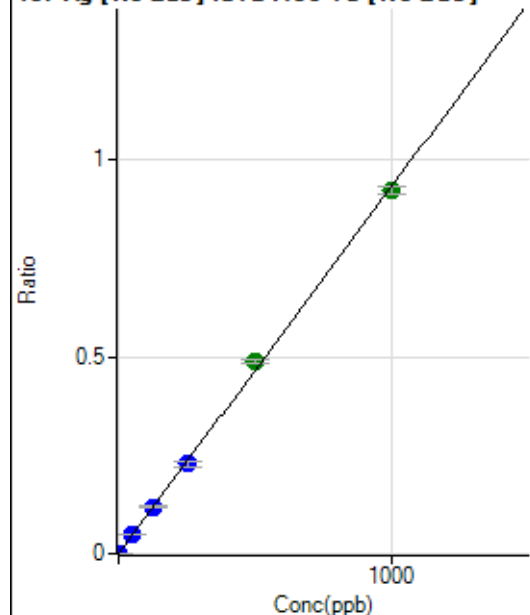
$$R = 0.9995$$

$$DL = 5.354$$

$$BEC = 14.58$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.2
2	☐	1.000	0.988	3761.73	0.0009	P	4.6
3	☐	50.000	50.787	193137.08	0.0473	P	1.9
4	☐	125.000	127.268	490557.28	0.1185	P	3.4
5	☐	250.000	244.372	984127.02	0.2276	P	6.7
6	☐	500.000	525.496	2018875.61	0.4894	A	2.2
7	☐	1000.000	988.336	4018476.30	0.9204	A	2.1
8	☐			1191.75	0.0003	P	2.5

$$y = 9.3126\text{E-}004 * x + 7.0105\text{E-}006$$

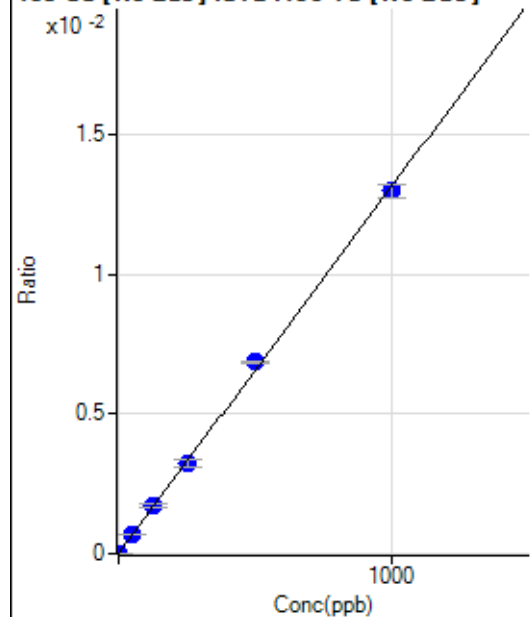
$$R = 0.9995$$

$$DL = 0.01043$$

$$BEC = 0.007528$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	60.0
2	☐	1.000	1.241	91.67	0.0000	P	0.6
3	☐	50.000	52.374	2836.45	0.0007	P	1.5
4	☐	125.000	130.059	7097.74	0.0017	P	5.1
5	☐	250.000	246.691	14042.03	0.0032	P	7.3
6	☐	500.000	523.159	28391.90	0.0069	P	0.8
7	☐	1000.000	988.496	56733.03	0.0130	P	3.4
8	☐			91.67	0.0000	P	53.6

$$y = 1.3140\text{E-}005 * x + 6.2828\text{E-}006$$

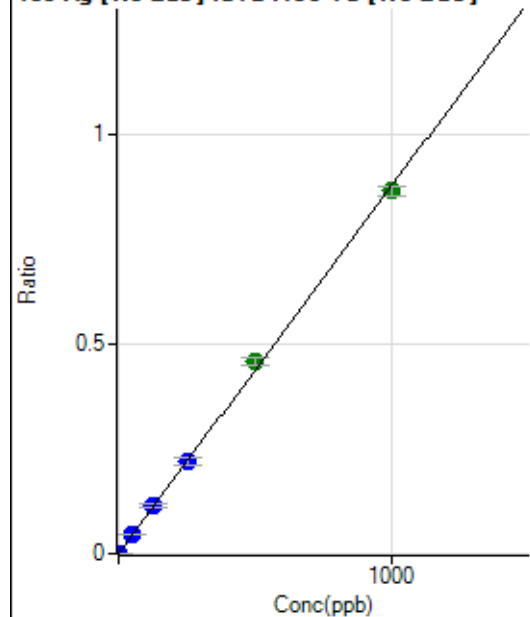
$$R = 0.9996$$

$$DL = 0.8612$$

$$BEC = 0.4781$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	77.2
2	☐	1.000	1.016	3642.26	0.0009	P	5.1
3	☐	50.000	52.377	187497.63	0.0459	P	0.6
4	☐	125.000	129.991	471196.13	0.1139	P	6.0
5	☐	250.000	252.738	957235.88	0.2215	P	8.6
6	☐	500.000	523.264	1892169.47	0.4586	A	3.3
7	☐	1000.000	986.940	3776578.16	0.8651	A	2.5
8	☐			1047.30	0.0003	P	20.2

$$y = 8.7650\text{E-}004 * x + 7.0476\text{E-}006$$

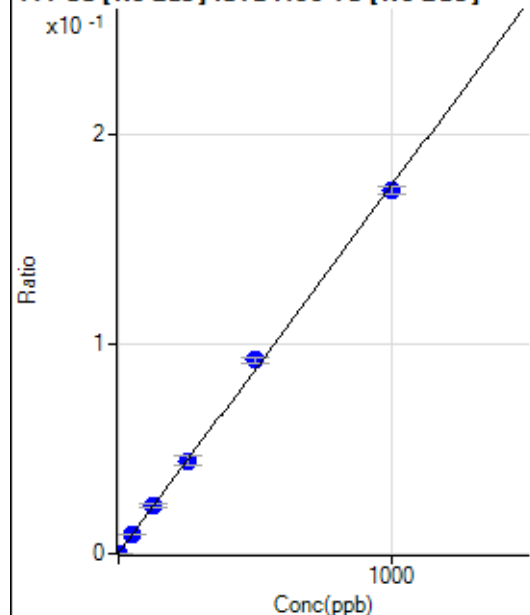
$$R = 0.9996$$

$$DL = 0.01861$$

$$BEC = 0.008041$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	749.22	0.0002	P	10.7
2	☐	1.000	1.097	1547.87	0.0004	P	3.3
3	☐	50.000	52.283	38266.87	0.0094	P	0.5
4	☐	125.000	129.172	94614.60	0.0229	P	5.3
5	☐	250.000	252.034	191948.63	0.0445	P	9.5
6	☐	500.000	525.979	381840.78	0.0926	P	2.6
7	☐	1000.000	985.866	756735.36	0.1733	P	2.0
8	☐			897.56	0.0002	P	8.0

$$y = 1.7562\text{E-}004 * x + 1.8881\text{E-}004$$

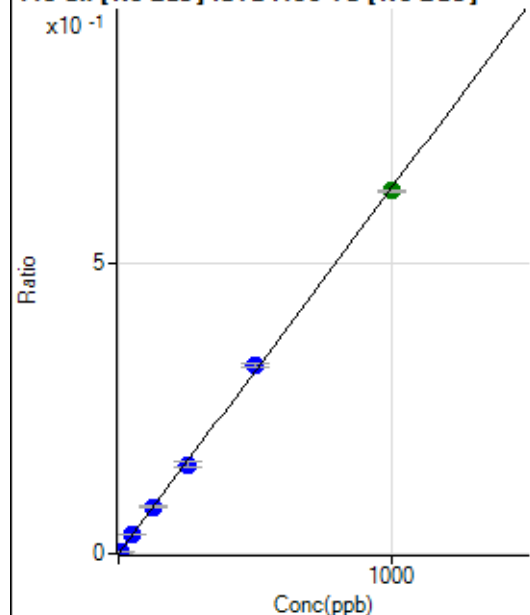
$$R = 0.9995$$

$$DL = 0.3463$$

$$BEC = 1.075$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	516.69	0.0001	P	5.1
2	☐	5.000	4.817	12870.36	0.0032	P	2.9
3	☐	50.000	51.122	132324.64	0.0324	P	0.4
4	☐	125.000	128.019	334701.02	0.0809	P	6.4
5	☐	250.000	243.937	666247.36	0.1541	P	7.4
6	☐	500.000	517.049	1347085.85	0.3265	P	2.3
7	☐	1000.000	992.558	2736664.73	0.6267	A	0.4
8	☐			1319.55	0.0003	P	2.6

$$y = 6.3129\text{E-}004 * x + 1.3054\text{E-}004$$

$$R = 0.9998$$

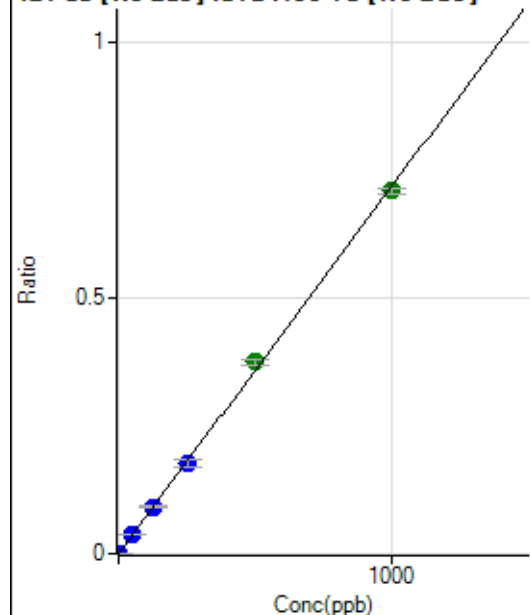
$$DL = 0.03162$$

$$BEC = 0.2068$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	28.5
2	☐	2.000	1.871	5476.25	0.0013	P	1.9
3	☐	50.000	50.816	148716.32	0.0364	P	1.8
4	☐	125.000	128.129	379888.03	0.0918	P	4.9
5	☐	250.000	247.692	766996.85	0.1775	P	8.2
6	☐	500.000	523.069	1546224.67	0.3748	A	2.8
7	☐	1000.000	988.611	3093203.22	0.7084	A	1.2
8	☐			2191.92	0.0005	P	4.4

$$y = 7.1658\text{E-}004 * x + 9.1571\text{E-}006$$

$$R = 0.9996$$

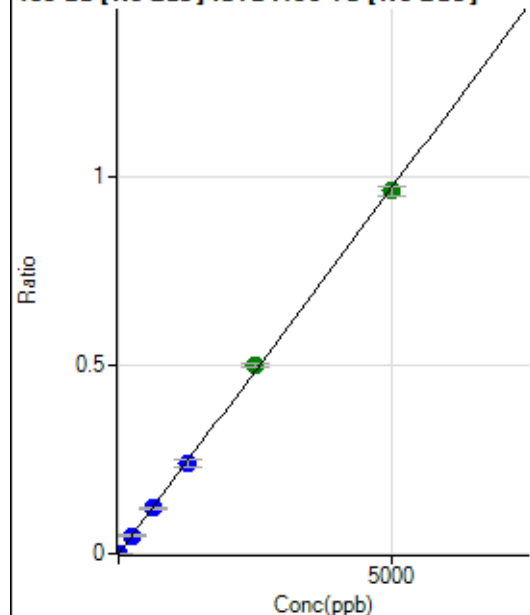
$$DL = 0.01092$$

$$BEC = 0.01278$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	22.2
2	☐	10.000	9.558	7549.51	0.0019	P	5.0
3	☐	250.000	249.759	197988.17	0.0485	P	1.3
4	☐	625.000	626.025	502790.23	0.1215	P	4.5
5	☐	1250.000	1242.245	1042483.02	0.2411	P	7.4
6	☐	2500.000	2577.499	2064175.85	0.5003	A	2.3
7	☐	5000.000	4963.074	4205913.98	0.9634	A	2.9
8	☐			1350.12	0.0003	P	22.9

$$y = 1.9411\text{E-}004 * x + 4.8924\text{E-}006$$

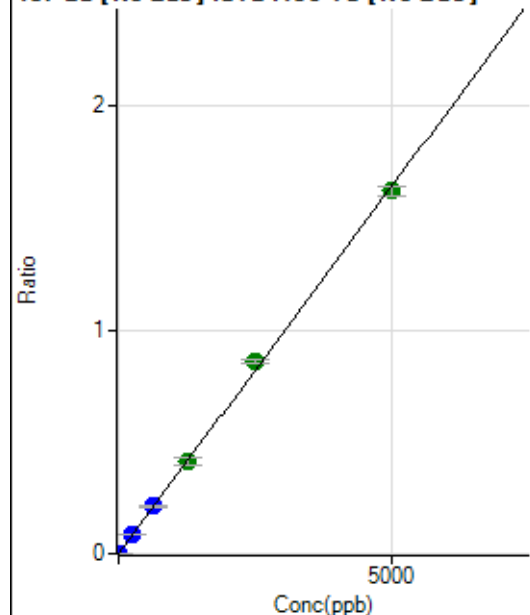
$$R = 0.9998$$

$$DL = 0.01678$$

$$BEC = 0.0252$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	43.6
2	☐	10.000	9.680	12923.21	0.0032	P	3.2
3	☐	250.000	256.088	343286.56	0.0841	P	2.0
4	☐	625.000	643.495	873672.24	0.2113	P	6.0
5	☐	1250.000	1256.025	1781522.89	0.4123	A	8.5
6	☐	2500.000	2608.098	3532276.43	0.8562	A	2.0
7	☐	5000.000	4941.829	7083008.58	1.6223	A	2.5
8	☐			2717.28	0.0007	P	12.7

$$y = 3.2829\text{E-}004 * x + 6.9737\text{E-}006$$

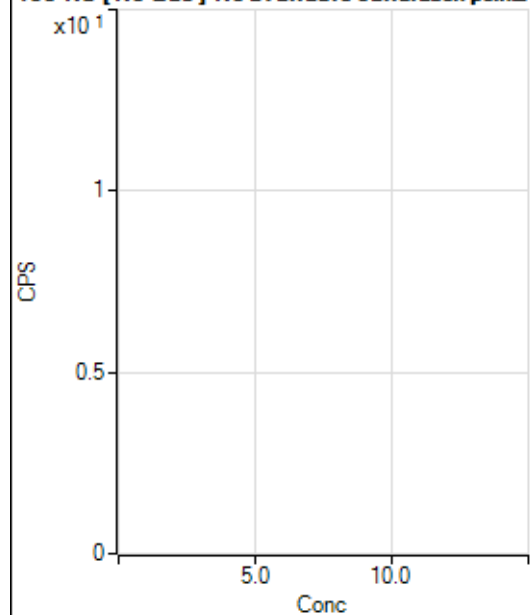
$$R = 0.9996$$

$$DL = 0.02777$$

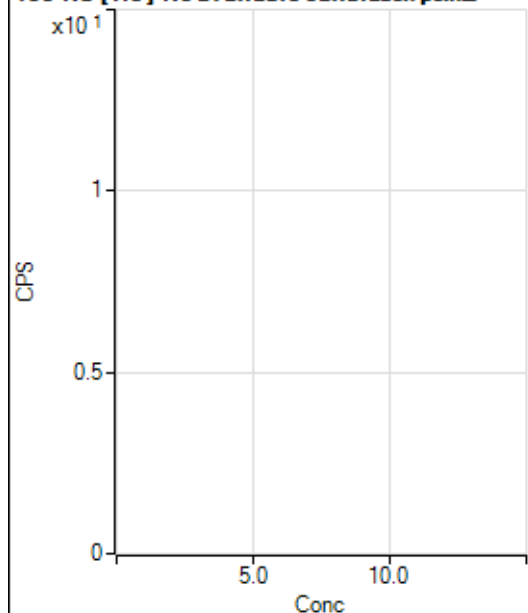
$$BEC = 0.02124$$

Weight: <None>

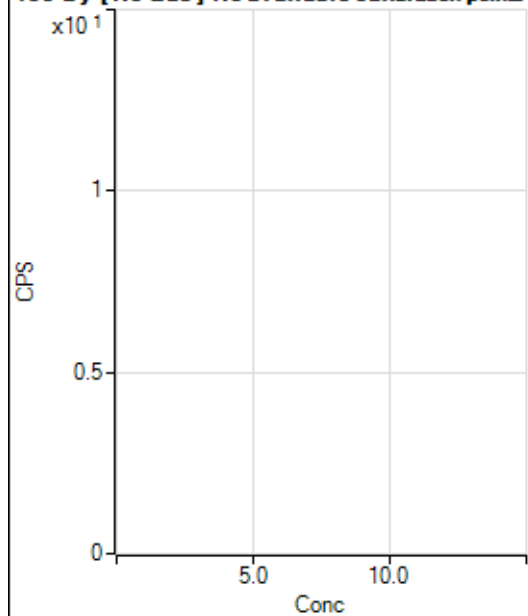
Min Conc: 0

150 Nd [No Gas] No available calibration points

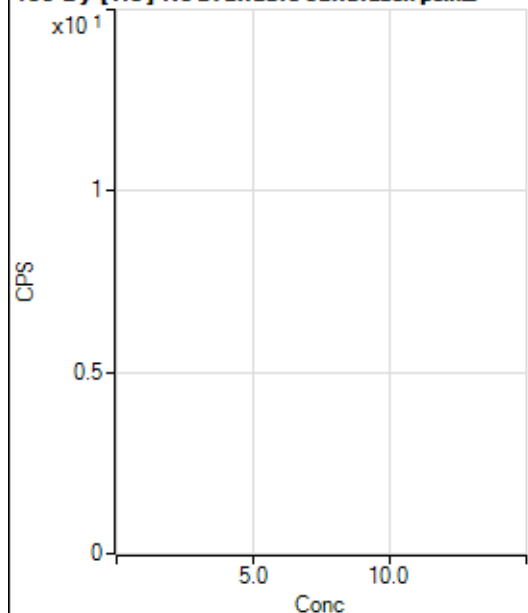
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	88.2
2	☐			26.67		P	25.0
3	☐			15.56		P	98.9
4	☐			28.89		P	35.2
5	☐			57.78		P	24.0
6	☐			128.90		P	35.2
7	☐			226.67		P	8.8
8	☐			40.00		P	33.3

150 Nd [He] No available calibration points

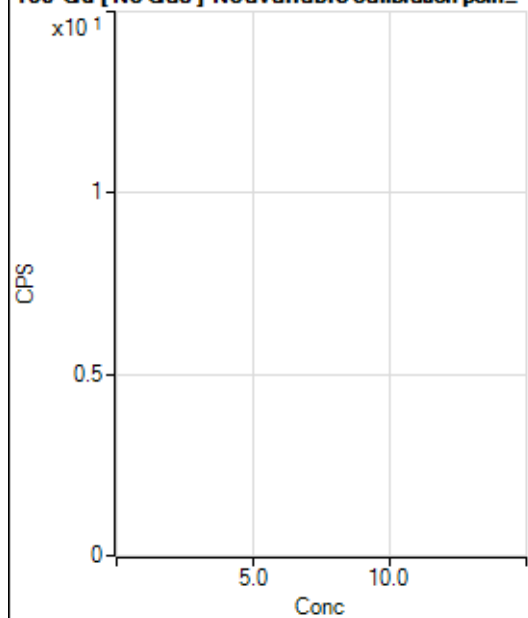
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			2.22		P	173.
4	☐			2.22		P	173.
5	☐			5.56		P	34.7
6	☐			20.00		P	72.7
7	☐			24.44		P	20.8
8	☐			11.11		P	34.6

156 Dy [No Gas] No available calibration points

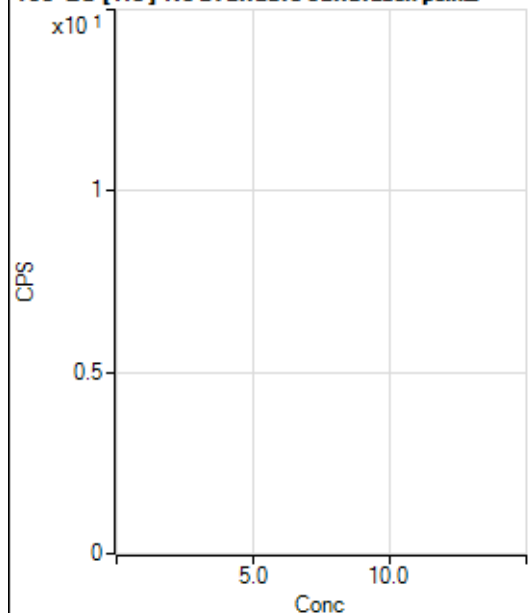
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐			19.44		P	49.5
3	☐			11.11		P	86.6
4	☐			22.22		P	21.6
5	☐			44.44		P	60.3
6	☐			105.56		P	36.5
7	☐			127.78		P	10.0
8	☐			663.93		P	0.7

156 Dy [He] No available calibration points

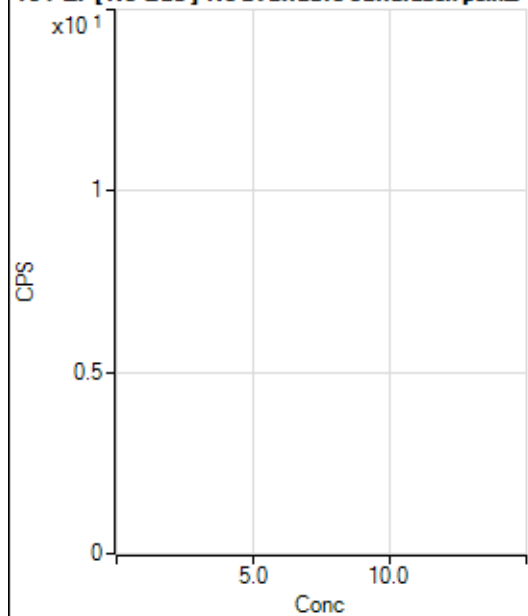
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			7.78		P	89.2
4	☐			8.89		P	21.6
5	☐			22.22		P	22.9
6	☐			36.67		P	24.0
7	☐			74.45		P	32.4
8	☐			242.22		P	17.9

160 Gd [No Gas] Noavailable calibration poin...

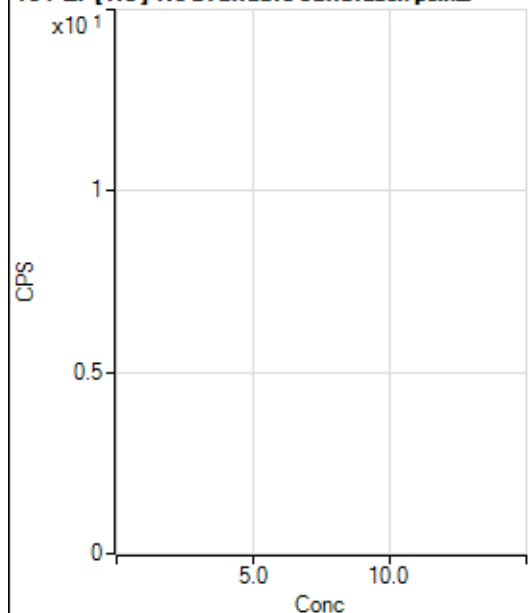
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	75.0
2	☐			25.00		P	57.7
3	☐			30.56		P	41.7
4	☐			55.55		P	37.8
5	☐			80.56		P	26.0
6	☐			125.00		P	48.1
7	☐			186.12		P	20.7
8	☐			505.58		P	11.0

160 Gd [He] No available calibration points

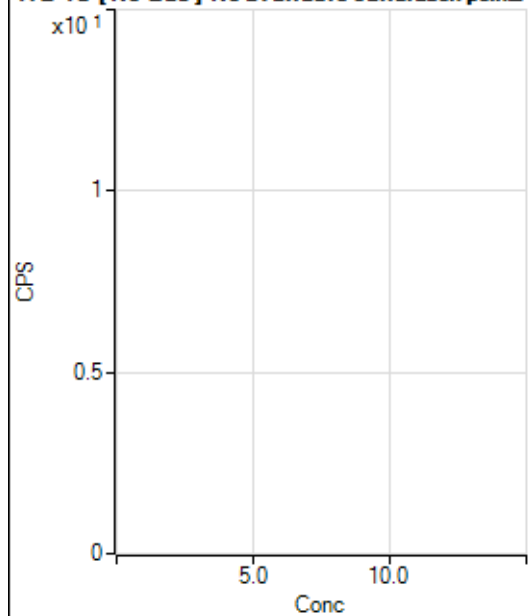
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.44		P	22.3
2	☐			23.34		P	65.5
3	☐			32.22		P	12.0
4	☐			27.78		P	34.6
5	☐			46.67		P	14.3
6	☐			72.22		P	18.7
7	☐			104.45		P	12.9
8	☐			315.56		P	9.0

164 Er [No Gas] No available calibration points

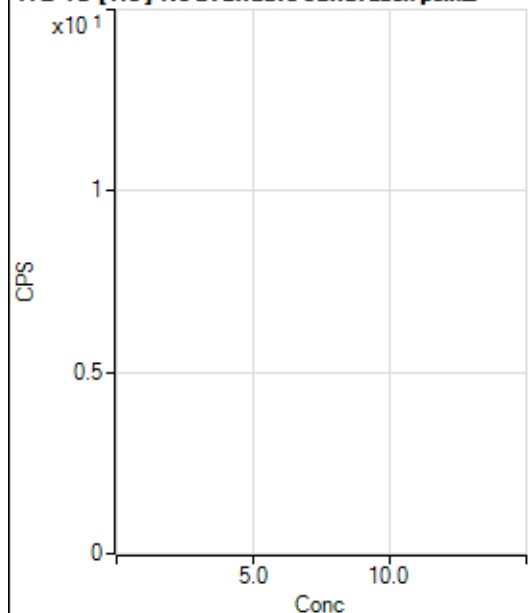
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	28.6
2	☐			36.11		P	35.3
3	☐			36.11		P	26.7
4	☐			52.78		P	24.1
5	☐			55.56		P	22.9
6	☐			72.23		P	37.1
7	☐			86.11		P	31.1
8	☐			66.67		P	21.7

164 Er [He] No available calibration points

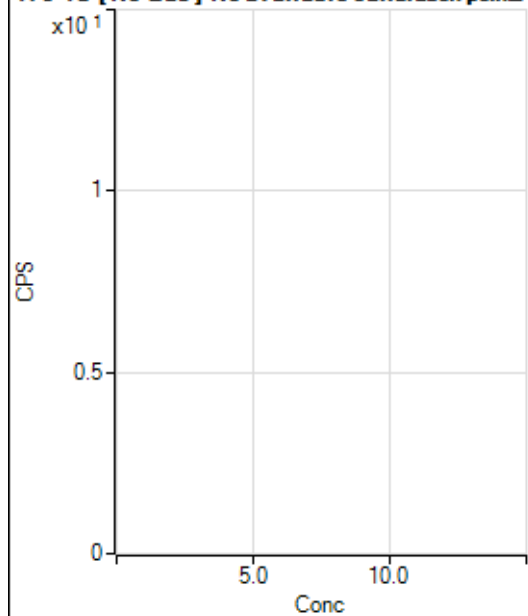
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐			17.78		P	39.0
3	☐			22.22		P	52.7
4	☐			14.44		P	53.3
5	☐			12.22		P	56.8
6	☐			31.11		P	40.6
7	☐			30.00		P	0.0
8	☐			47.78		P	31.5

172 Yb [No Gas] No available calibration points

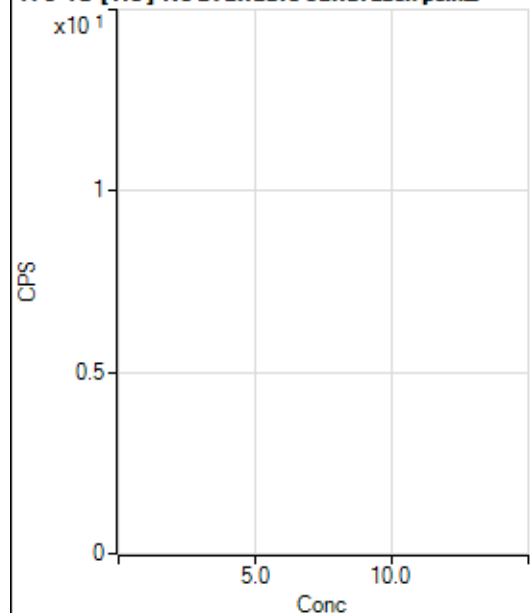
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐			19.44		P	65.5
3	☐			41.67		P	40.0
4	☐			25.00		P	57.7
5	☐			50.00		P	60.1
6	☐			47.23		P	71.3
7	☐			72.22		P	56.9
8	☐			69.45		P	25.0

172 Yb [He] No available calibration points

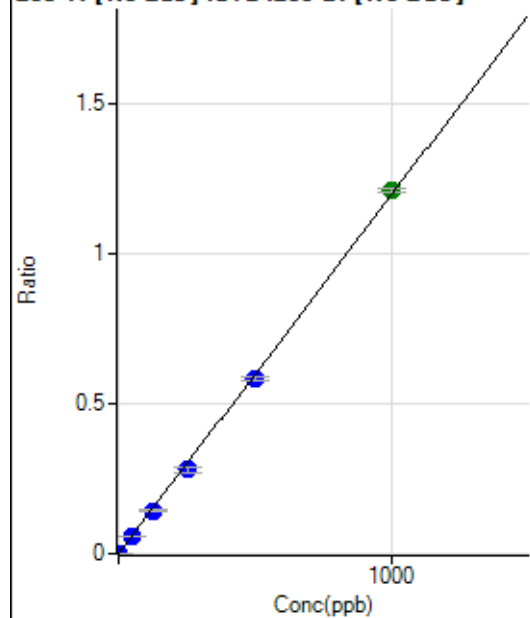
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.41		P	86.6
2	☐			16.67		P	33.3
3	☐			1.85		P	173.
4	☐			9.26		P	34.6
5	☐			16.67		P	57.7
6	☐			9.26		P	91.7
7	☐			35.18		P	39.7
8	☐			16.67		P	57.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			355.57		P	21.8
2	☐			363.90		P	12.6
3	☐			911.17		P	5.6
4	☐			1747.38		P	3.6
5	☐			3294.96		P	7.3
6	☐			6229.47		P	2.9
7	☐			12336.76		P	4.2
8	☐			397.24		P	23.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1857.58		P	4.4
2	☐			1844.61		P	0.8
3	☐			2150.22		P	1.9
4	☐			2539.19		P	1.0
5	☐			3306.03		P	4.6
6	☐			4697.22		P	4.8
7	☐			7428.14		P	4.4
8	☐			1835.35		P	7.0

203 Tl [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	247.23	0.0001	P	10.8
2	☐	1.000	0.842	2541.99	0.0011	P	8.4
3	☐	50.000	48.110	134382.65	0.0578	P	0.7
4	☐	125.000	119.381	336919.54	0.1432	P	2.0
5	☐	250.000	233.039	681670.12	0.2794	P	8.1
6	☐	500.000	488.225	1372985.68	0.5853	P	1.7
7	☐	1000.000	1010.925	2878387.52	1.2117	A	1.0
8	☐			755.60	0.0003	P	8.0

$$y = 0.0012 * x + 1.0897E-004$$

$$R = 0.9997$$

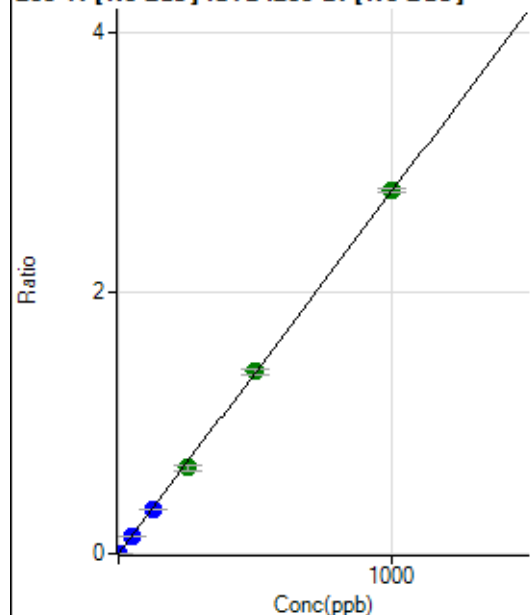
$$DL = 0.0294$$

$$BEC = 0.09092$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	594.48	0.0003	P	15.1
2	☐	1.000	0.905	6307.26	0.0028	P	1.8
3	☐	50.000	48.914	316633.54	0.1361	P	1.7
4	☐	125.000	121.681	795826.69	0.3383	P	2.5
5	☐	250.000	237.796	1612431.59	0.6608	A	7.7
6	☐	500.000	502.518	3274907.82	1.3961	A	3.3
7	☐	1000.000	1002.261	6613947.63	2.7842	A	1.1
8	☐			1886.43	0.0008	P	5.0

$$y = 0.0028 * x + 2.6202E-004$$

$$R = 0.9999$$

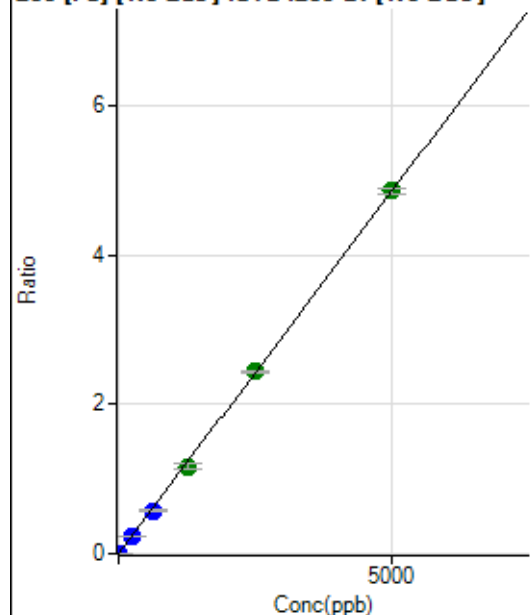
$$DL = 0.0426$$

$$BEC = 0.09433$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	329.64	0.0001	P	22.5
2	☐	1.000	0.924	2365.08	0.0010	P	5.0
3	☐	250.000	238.383	537680.19	0.2312	P	2.5
4	☐	625.000	595.780	1358949.28	0.5775	P	1.3
5	☐	1250.000	1207.872	2858596.22	1.1707	A	6.2
6	☐	2500.000	2509.687	5706130.68	2.4322	A	1.5
7	☐	5000.000	5009.922	11531529.89	4.8551	A	1.8
8	☐			5782.95	0.0026	P	4.1

$$y = 9.6907E-004 * x + 1.4543E-004$$

$$R = 1.0000$$

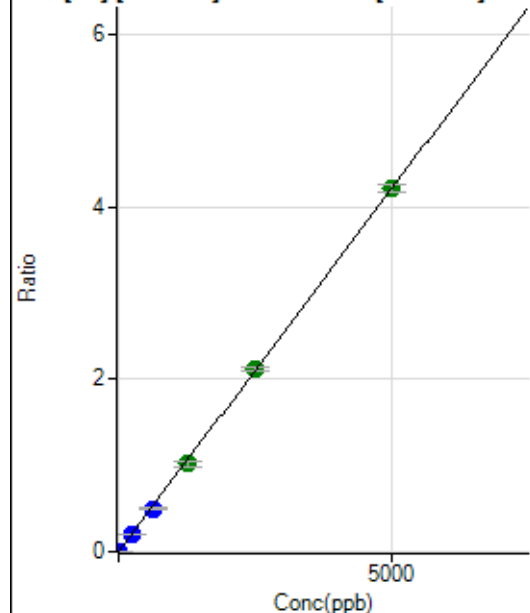
$$DL = 0.1012$$

$$BEC = 0.1501$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	272.23	0.0001	P	14.0
2	☐	1.000	0.865	1927.96	0.0008	P	9.0
3	☐	250.000	241.933	473730.36	0.2037	P	0.6
4	☐	625.000	593.519	1175152.14	0.4995	P	2.3
5	☐	1250.000	1210.234	2484584.09	1.0183	A	7.7
6	☐	2500.000	2526.978	4987652.37	2.1261	A	1.9
7	☐	5000.000	5000.791	9992752.42	4.2073	A	2.2
8	☐			5158.53	0.0023	P	3.3

$$y = 8.4131E-004 * x + 1.1992E-004$$

$$R = 0.9999$$

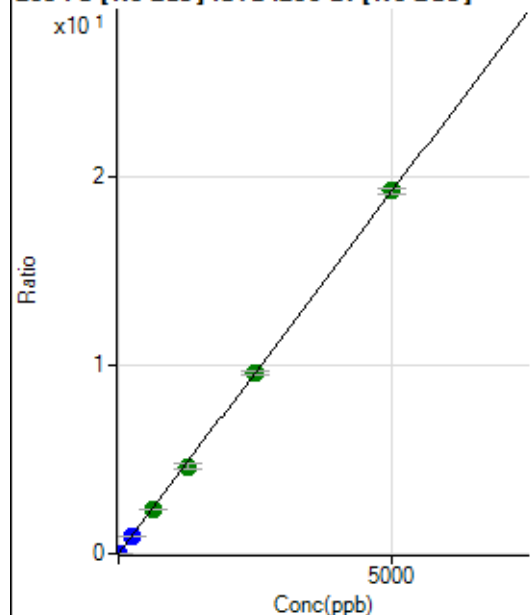
$$DL = 0.06007$$

$$BEC = 0.1425$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1261.16	0.0006	P	8.4
2	☐	1.000	0.937	9464.56	0.0042	P	1.9
3	☐	250.000	241.005	2158325.28	0.9279	P	0.8
4	☐	625.000	610.193	5526060.92	2.3484	A	1.5
5	☐	1250.000	1203.703	11302657.58	4.6321	A	7.6
6	☐	2500.000	2497.583	22545637.14	9.6107	A	2.2
7	☐	5000.000	5015.083	45834007.62	19.2975	A	1.5
8	☐			23704.24	0.0106	P	2.1

$$y = 0.0038 * x + 5.5595E-004$$

$$R = 1.0000$$

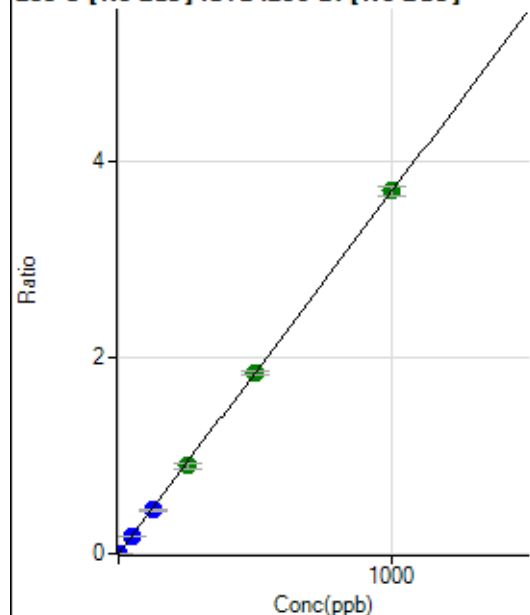
$$DL = 0.03627$$

$$BEC = 0.1445$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	41.6
2	☐	1.000	0.863	7282.89	0.0032	P	4.7
3	☐	50.000	46.830	402593.26	0.1731	P	0.5
4	☐	125.000	120.067	1043918.72	0.4437	P	3.1
5	☐	250.000	243.689	2198885.62	0.9006	A	6.4
6	☐	500.000	499.926	4335285.38	1.8475	A	2.0
7	☐	1000.000	1002.390	8797604.28	3.7044	A	2.5
8	☐			1475.38	0.0007	P	39.2

$$y = 0.0037 * x + 1.3457E-005$$

$$R = 1.0000$$

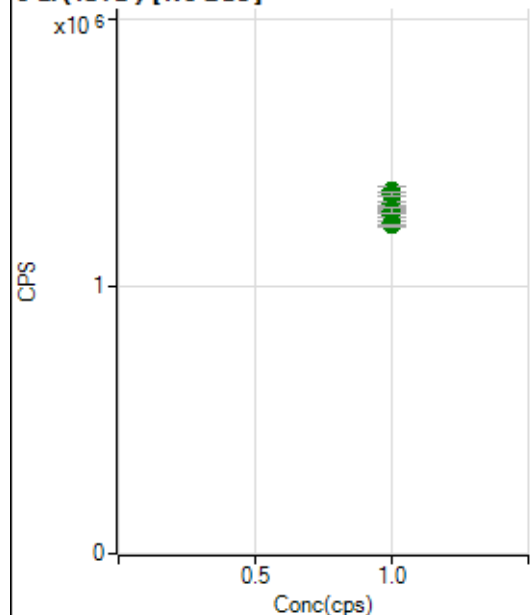
$$DL = 0.004541$$

$$BEC = 0.003642$$

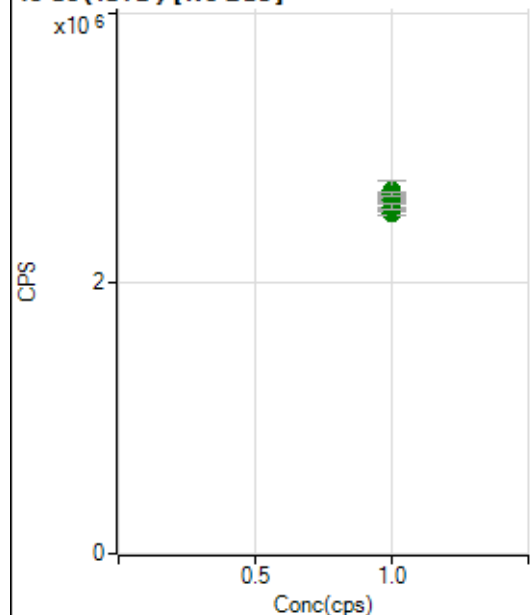
Weight: <None>

Min Conc: 0

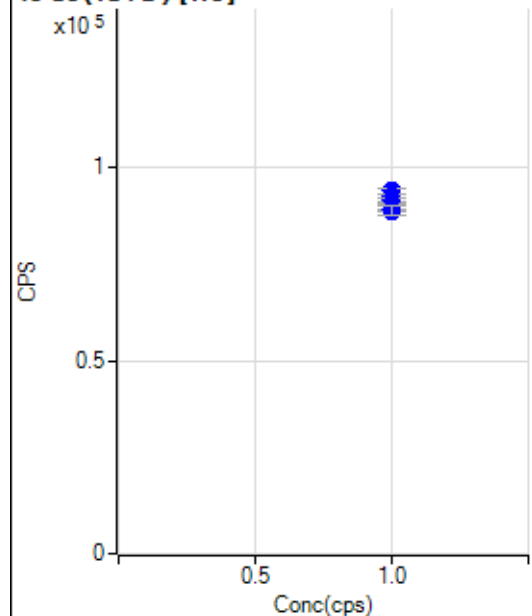
6 Li (ISTD) [No Gas]



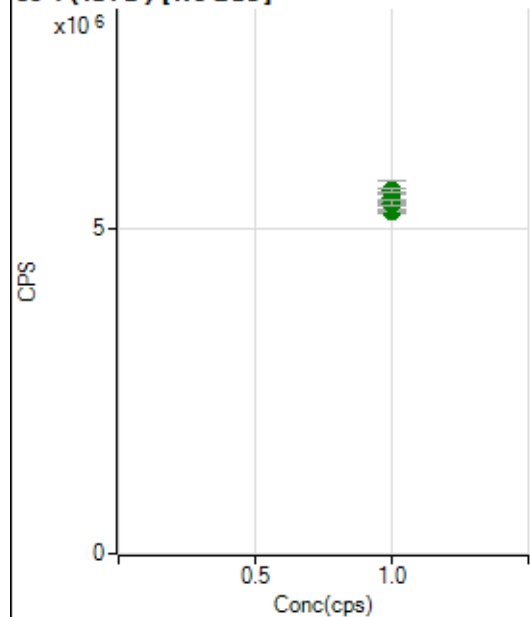
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1236052.77		A	0.9
2	☐	1.000		1227032.65		A	0.9
3	☐	1.000		1269098.50		A	1.3
4	☐	1.000		1285219.64		A	0.3
5	☐	1.000		1357227.07		A	2.6
6	☐	1.000		1309793.87		A	1.2
7	☐	1.000		1346301.69		A	1.4
8	☐	1.000		1283792.89		A	2.2

45 Sc (ISTD) [No Gas]

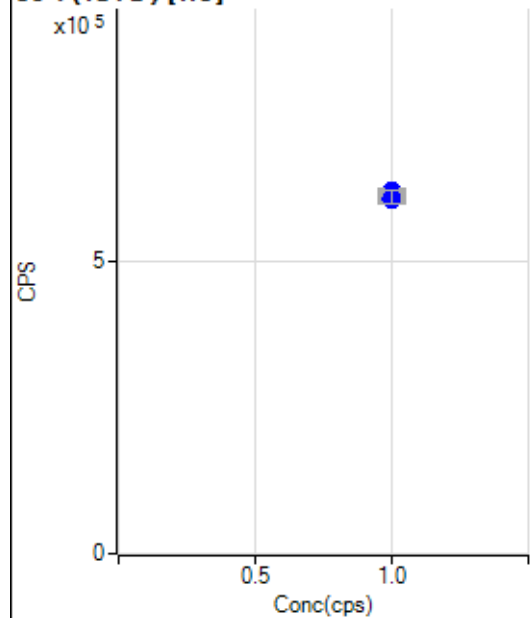
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2536867.55		A	2.1
2	☐	1.000		2521808.29		A	1.6
3	☐	1.000		2604617.76		A	1.0
4	☐	1.000		2600697.41		A	5.1
5	☐	1.000		2685532.53		A	6.0
6	☐	1.000		2616149.61		A	1.5
7	☐	1.000		2662178.83		A	1.5
8	☐	1.000		2567037.50		A	1.6

45 Sc (ISTD) [He]

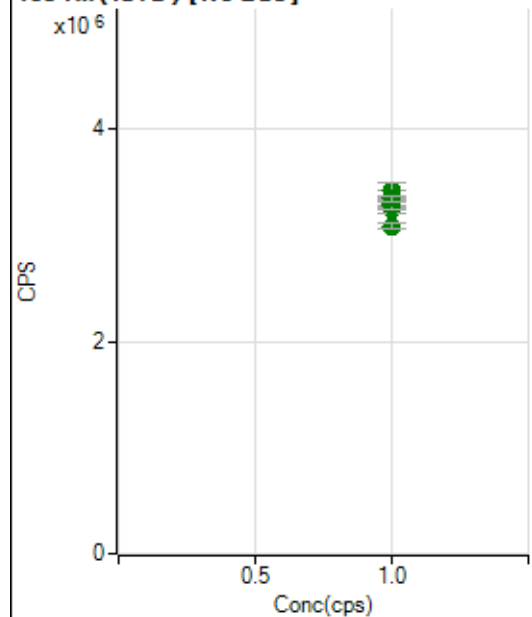
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		90659.76		P	1.2
2	☐	1.000		93944.62		P	1.3
3	☐	1.000		92734.65		P	1.1
4	☐	1.000		91528.13		P	1.2
5	☐	1.000		90848.33		P	0.7
6	☐	1.000		88676.03		P	0.6
7	☐	1.000		90236.57		P	0.7
8	☐	1.000		88927.19		P	2.9

89 Y (ISTD) [No Gas]

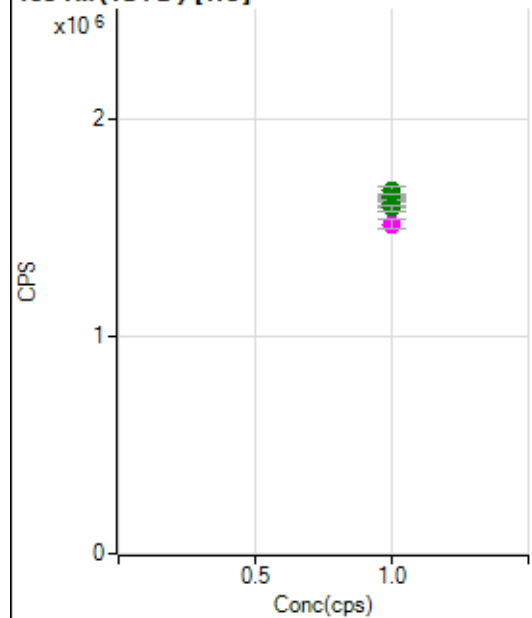
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5280818.91		A	1.3
2	☐	1.000		5279793.74		A	0.7
3	☐	1.000		5406973.01		A	0.8
4	☐	1.000		5487568.95		A	1.9
5	☐	1.000		5577281.72		A	6.0
6	☐	1.000		5440097.28		A	0.3
7	☐	1.000		5589748.81		A	1.2
8	☐	1.000		5406605.68		A	1.9

89 Y (ISTD) [He]

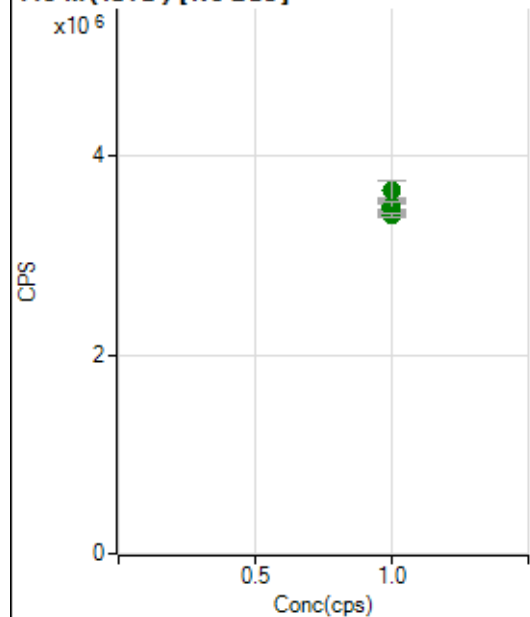
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		613311.45		P	0.7
2	☐	1.000		620039.40		P	0.7
3	☐	1.000		622601.85		P	1.5
4	☐	1.000		617195.11		P	0.9
5	☐	1.000		618648.90		P	0.1
6	☐	1.000		605997.24		P	0.5
7	☐	1.000		607988.34		P	1.0
8	☐	1.000		611577.95		P	3.5

103 Rh (ISTD) [No Gas]

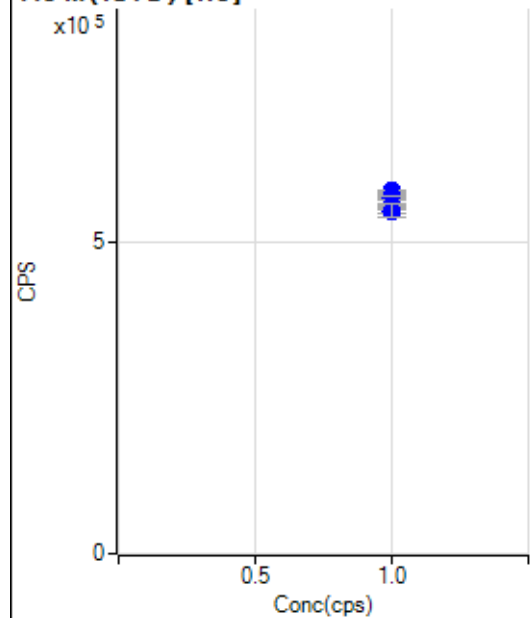
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3234452.52		A	2.0
2	☐	1.000		3292098.36		A	1.0
3	☐	1.000		3333643.91		A	0.8
4	☐	1.000		3343074.71		A	4.5
5	☐	1.000		3416466.98		A	4.7
6	☐	1.000		3284710.01		A	2.2
7	☐	1.000		3341408.82		A	1.8
8	☐	1.000		3087063.13		A	1.2

103 Rh (ISTD) [He]

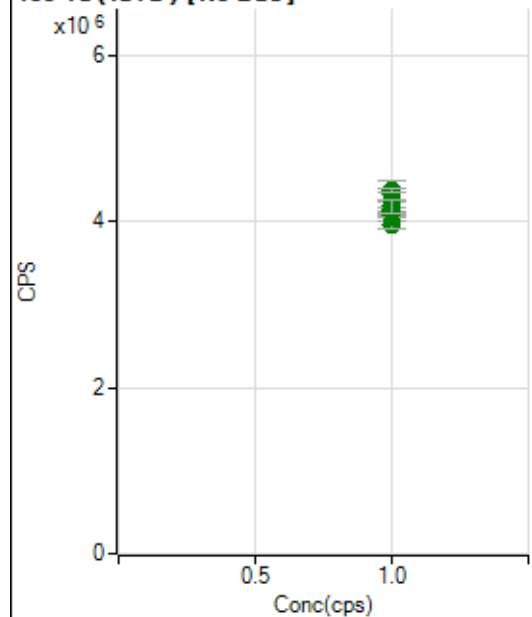
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1652805.08		A	0.5
2	☐	1.000		1643252.27		A	1.2
3	☐	1.000		1669709.40		A	2.2
4	☐	1.000		1629662.30		A	1.4
5	☐	1.000		1638103.60		A	1.6
6	☐	1.000		1611005.72		A	1.9
7	☐	1.000		1590608.07		A	1.9
8	☐	1.000		1516293.49		M	3.0

115 In (ISTD) [No Gas]

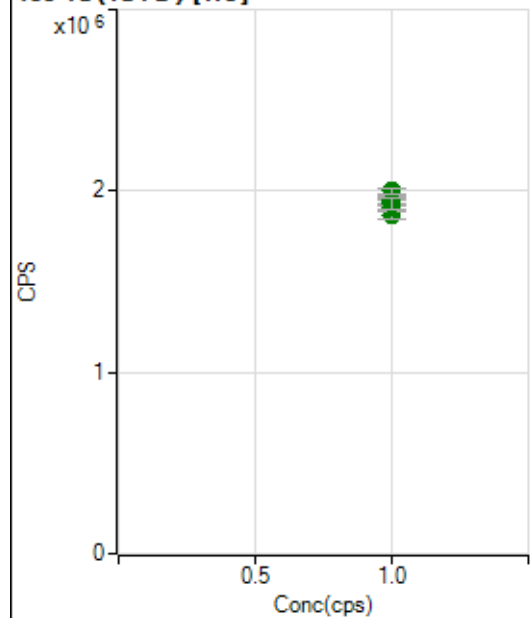
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3421051.73		A	2.1
2	☐	1.000		3439291.05		A	1.2
3	☐	1.000		3533228.96		A	1.0
4	☐	1.000		3506847.99		A	4.1
5	☐	1.000		3649570.90		A	5.5
6	☐	1.000		3461941.17		A	3.1
7	☐	1.000		3490564.14		A	2.6
8	☐	1.000		3401650.39		A	1.4

115 In (ISTD) [He]

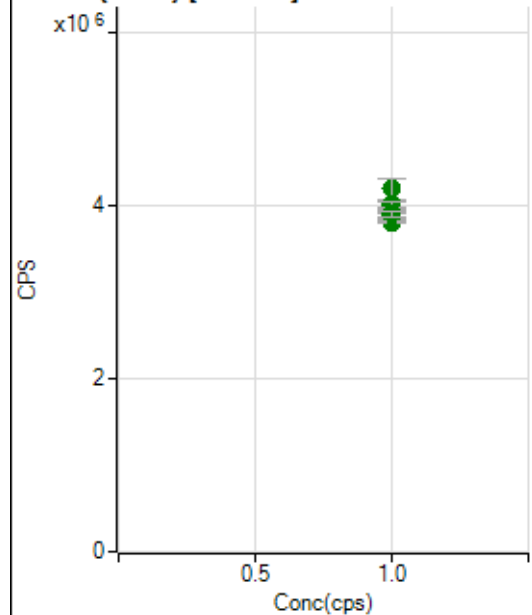
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		573777.12		P	0.5
2	☐	1.000		577231.49		P	0.7
3	☐	1.000		583675.80		P	0.3
4	☐	1.000		575181.17		P	0.8
5	☐	1.000		572267.95		P	0.7
6	☐	1.000		559306.86		P	0.3
7	☐	1.000		550567.60		P	0.9
8	☐	1.000		552009.32		P	3.6

159 Tb (ISTD) [No Gas]

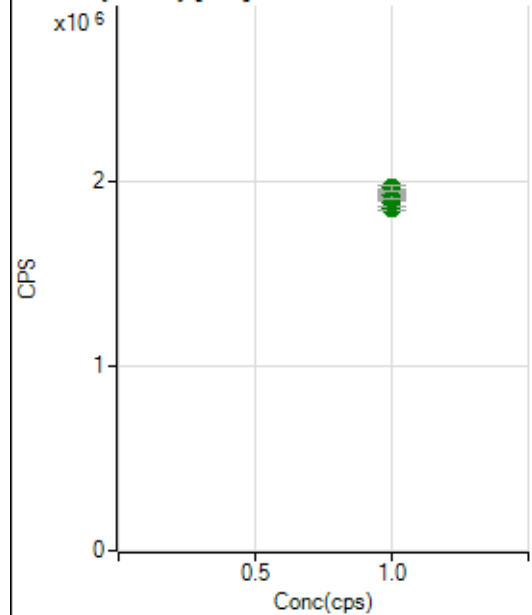
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3961357.65		A	2.4
2	☐	1.000		4057743.86		A	0.6
3	☐	1.000		4083794.18		A	1.6
4	☐	1.000		4143268.65		A	4.8
5	☐	1.000		4338591.50		A	7.5
6	☐	1.000		4126423.58		A	1.7
7	☐	1.000		4366503.48		A	1.1
8	☐	1.000		4178941.26		A	3.9

159 Tb (ISTD) [He]

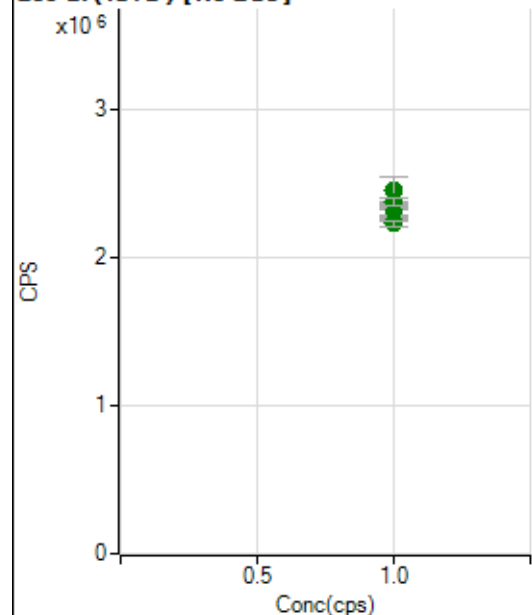
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1868470.53		A	1.9
2	☐	1.000		1909467.70		A	1.4
3	☐	1.000		1941339.80		A	1.5
4	☐	1.000		1904252.44		A	1.4
5	☐	1.000		1956078.41		A	2.1
6	☐	1.000		1943855.55		A	2.0
7	☐	1.000		2001189.19		A	1.4
8	☐	1.000		1933732.73		A	3.3

165 Ho (ISTD) [No Gas]

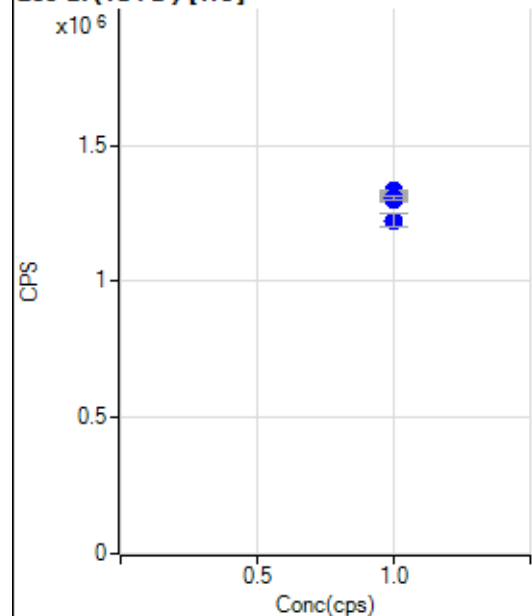
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3828412.02		A	1.3
2	☐	1.000		3805331.94		A	0.2
3	☐	1.000		3932386.81		A	0.9
4	☐	1.000		3880143.10		A	3.3
5	☐	1.000		4193791.80		A	5.6
6	☐	1.000		4012992.06		A	1.6
7	☐	1.000		4004599.39		A	1.8
8	☐	1.000		3905303.30		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1859604.22		A	1.0
2	☐	1.000		1888933.17		A	1.9
3	☐	1.000		1911595.06		A	1.5
4	☐	1.000		1912911.76		A	1.2
5	☐	1.000		1949653.08		A	1.5
6	☐	1.000		1921856.50		A	0.7
7	☐	1.000		1928125.68		A	1.9
8	☐	1.000		1968810.96		A	1.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2268653.66		A	0.8
2	☐	1.000		2273469.17		A	0.6
3	☐	1.000		2326106.18		A	0.6
4	☐	1.000		2353538.87		A	2.1
5	☐	1.000		2449825.33		A	7.9
6	☐	1.000		2346230.97		A	1.0
7	☐	1.000		2375756.77		A	2.6
8	☐	1.000		2227115.68		A	1.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1302727.94		P	1.1
2	☐	1.000		1326253.03		P	1.2
3	☐	1.000		1330897.22		P	0.8
4	☐	1.000		1317403.29		P	1.0
5	☐	1.000		1332289.81		P	0.4
6	☐	1.000		1306037.21		P	1.6
7	☐	1.000		1305526.57		P	0.7
8	☐	1.000		1224834.95		P	3.7