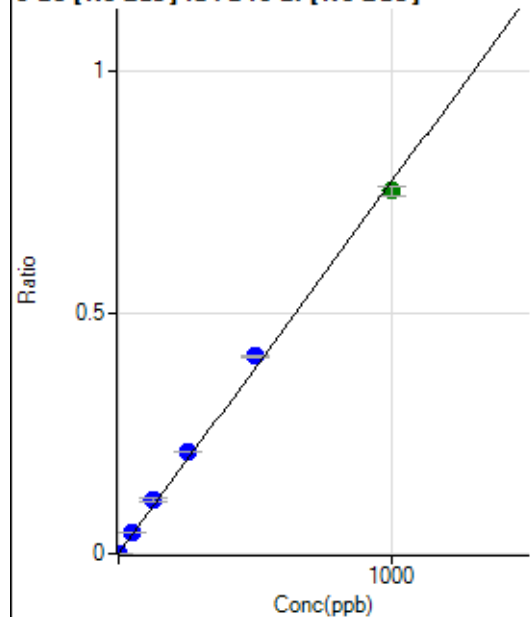


Calibration for 010CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121223 MS.b\
 Analysis File: P7121223 MS.batch.bin
 DA Date-Time: 2023-12-14 14:20:50
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2023-12-12 14:44:46
2	006CALS.d	S02	2023-12-12 14:57:51
3	007CALS.d	S03	2023-12-12 15:01:06
4	008CALS.d	S04	2023-12-12 15:04:12
5	009CALS.d	S05	2023-12-12 15:07:06
6	010CALS.d	S06	2023-12-12 15:09:55
7	011CALS.d	S07	2023-12-12 15:12:40
8	012CALS.d	S08	2023-12-12 15:15:28

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	113.33	0.0000	P	24.9
2	<input type="checkbox"/>	1.000	1.172	2369.09	0.0009	P	3.2
3	<input type="checkbox"/>	50.000	57.650	107912.01	0.0445	P	1.8
4	<input type="checkbox"/>	125.000	144.888	255564.08	0.1117	P	3.8
5	<input type="checkbox"/>	250.000	273.073	490131.37	0.2106	P	0.3
6	<input type="checkbox"/>	500.000	530.720	936813.27	0.4092	P	0.7
7	<input type="checkbox"/>	1000.000	976.003	1713412.79	0.7525	A	2.5
8	<input type="checkbox"/>			788.92	0.0004	P	10.2

$$y = 7.7097E-004 * x + 4.5898E-005$$

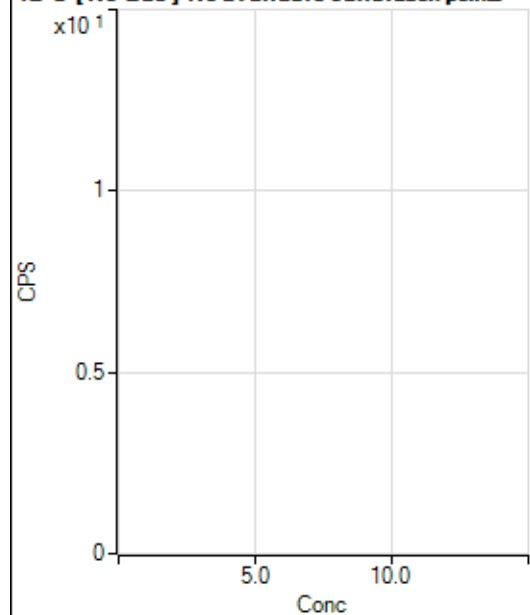
$$R = 0.9989$$

$$DL = 0.04442$$

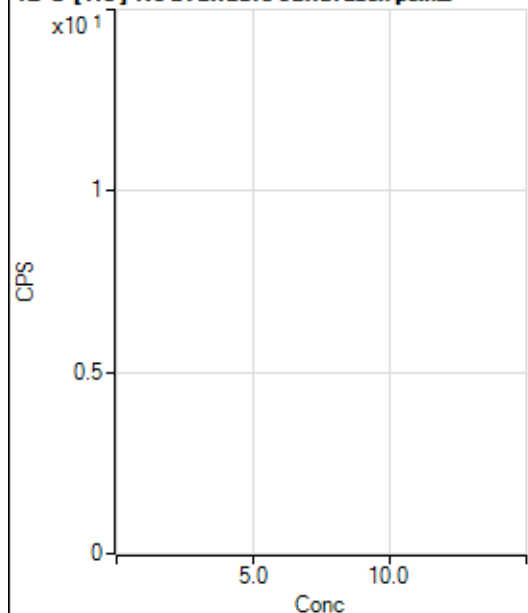
$$BEC = 0.05953$$

Weight: <None>

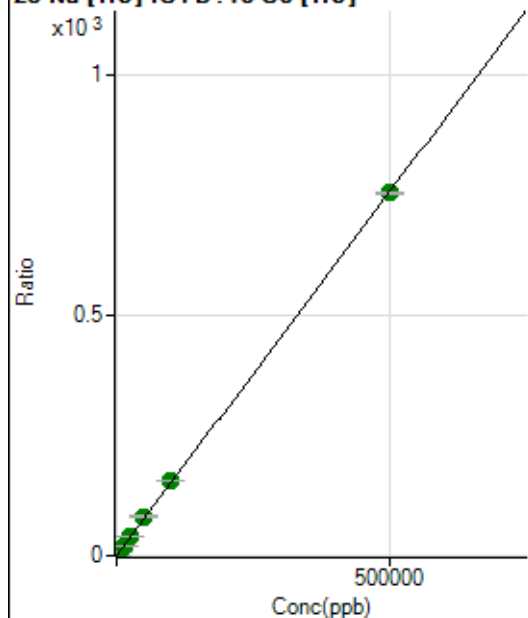
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	19560.33	0.0467	P	1.1
2	<input type="checkbox"/>	500.000	524.570	346182.81	0.8396	P	0.3
3	<input type="checkbox"/>	5000.000	5184.888	3103635.44	7.8837	A	0.3
4	<input type="checkbox"/>	12500.000	13149.204	7373362.39	19.9219	A	2.6
5	<input type="checkbox"/>	25000.000	26712.725	14755467.28	40.4234	A	4.1
6	<input type="checkbox"/>	50000.000	54125.800	29024822.07	81.8586	A	2.9
7	<input type="checkbox"/>	100000.00	103112.16	56707243.60	155.9022	A	0.2
8	<input type="checkbox"/>	500000.00	498861.24	258367187.2	754.0827	A	0.4

$$y = 0.0015 * x + 0.0467$$

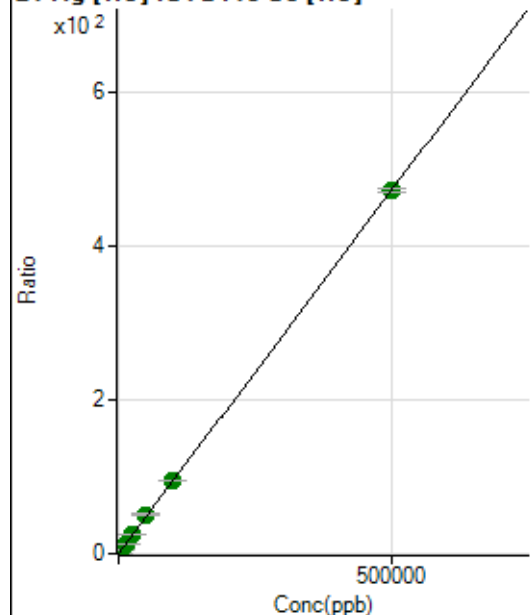
$$R = 1.0000$$

$$DL = 1.003$$

$$BEC = 30.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	551.13	0.0013	P	15.5
2	<input type="checkbox"/>	500.000	521.661	204043.82	0.4949	P	1.3
3	<input type="checkbox"/>	5000.000	5154.687	1920558.25	4.8784	A	0.7
4	<input type="checkbox"/>	12500.000	13132.015	4598837.47	12.4260	A	3.0
5	<input type="checkbox"/>	25000.000	26400.311	9117636.39	24.9797	A	4.3
6	<input type="checkbox"/>	50000.000	53378.098	17905041.82	50.5045	A	3.5
7	<input type="checkbox"/>	100000.00	101068.06	34781783.37	95.6258	A	0.5
8	<input type="checkbox"/>	500000.00	499361.19	161879522.0	472.4667	A	1.0

$$y = 9.4614\text{E-}004 * x + 0.0013$$

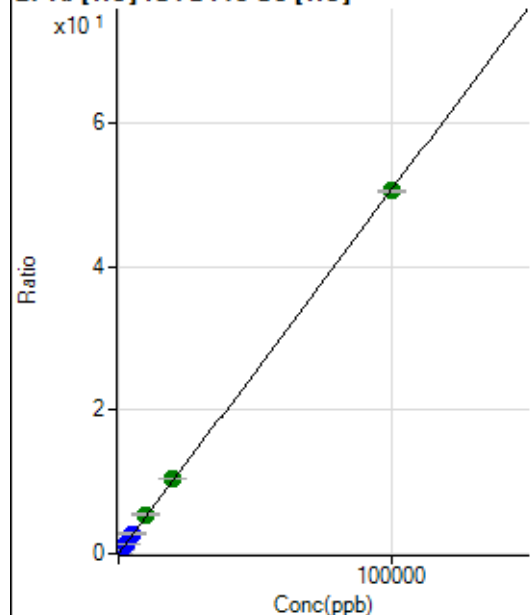
$$R = 1.0000$$

$$DL = 0.6469$$

$$BEC = 1.391$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	214.45	0.0005	P	6.5
2	<input type="checkbox"/>	20.000	21.634	4726.34	0.0115	P	1.4
3	<input type="checkbox"/>	1000.000	1084.210	216236.30	0.5493	P	0.2
4	<input type="checkbox"/>	2500.000	2755.438	516444.70	1.3951	P	1.2
5	<input type="checkbox"/>	5000.000	5528.207	1021687.12	2.7985	P	3.5
6	<input type="checkbox"/>	10000.000	10759.737	1931667.89	5.4464	A	1.7
7	<input type="checkbox"/>	20000.000	20740.992	3818555.22	10.4983	A	0.4
8	<input type="checkbox"/>	100000.00	99742.189	17296902.52	50.4836	A	0.3

$$y = 5.0614\text{E-}004 * x + 5.1213\text{E-}004$$

$$R = 0.9999$$

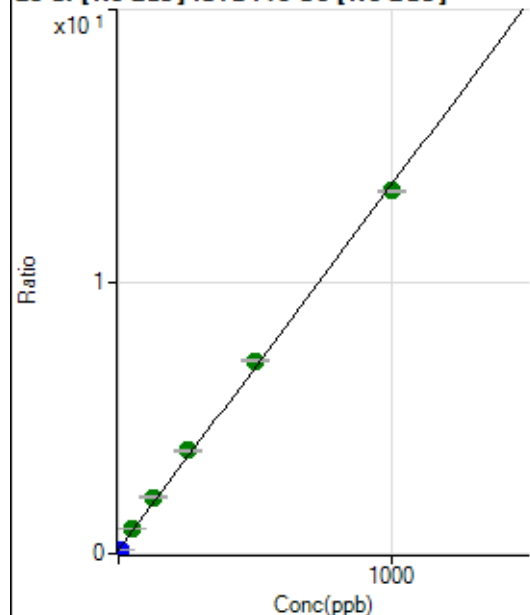
$$DL = 0.1959$$

$$BEC = 1.012$$

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	<input type="checkbox"/>	0.000	0.000	729657.94	0.1477	P	0.2
2	<input type="checkbox"/>	10.000	0.855	777075.97	0.1591	P	1.2
3	<input type="checkbox"/>	50.000	58.773	4364096.77	0.9361	A	2.9
4	<input type="checkbox"/>	125.000	143.439	8875494.38	2.0719	A	3.8
5	<input type="checkbox"/>	250.000	271.607	15981401.71	3.7912	A	1.4
6	<input type="checkbox"/>	500.000	516.814	29526446.78	7.0806	A	0.9
7	<input type="checkbox"/>	1000.000	983.539	55125887.51	13.3416	A	0.7
8	<input type="checkbox"/>			818008.47	0.2042	P	0.7

$$y = 0.0134 * x + 0.1477$$

$$R = 0.9993$$

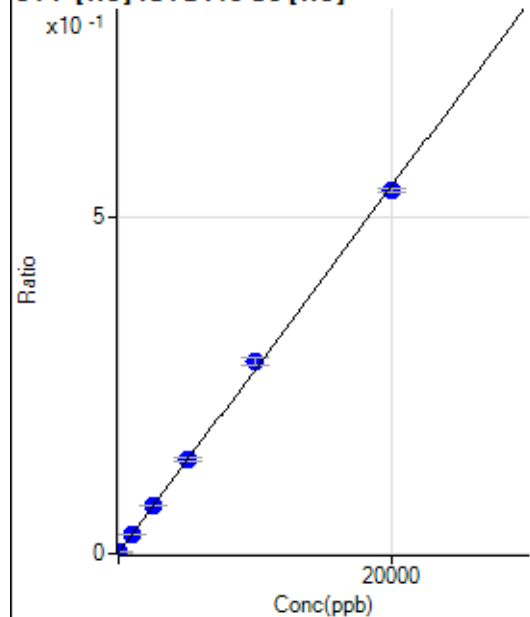
$$DL = 0.07297$$

$$BEC = 11.01$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	-17.812	400.01	0.0010	P	8.6
2	<input type="checkbox"/>	0.000	17.812	793.36	0.0019	P	4.3
3	<input type="checkbox"/>	1000.000	1016.938	11458.82	0.0291	P	1.9
4	<input type="checkbox"/>	2500.000	2578.233	26498.55	0.0716	P	1.0
5	<input type="checkbox"/>	5000.000	5123.126	51400.44	0.1408	P	4.2
6	<input type="checkbox"/>	10000.000	10415.004	100965.70	0.2848	P	3.6
7	<input type="checkbox"/>	20000.000	19751.091	195958.63	0.5388	P	1.2
8	<input type="checkbox"/>			478.90	0.0014	P	6.6

$$y = 2.7205E-005 * x + 0.0014$$

$$R = 0.9997$$

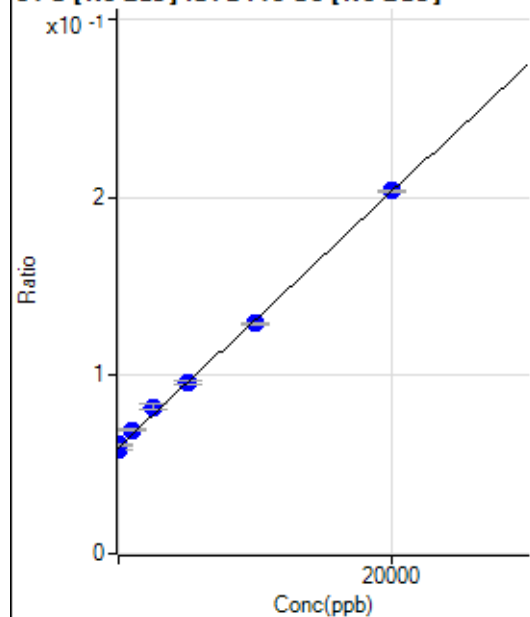
$$DL = 9.093$$

$$BEC = 52.92$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	-186.096	288705.78	0.0584	P	0.9
2	<input type="checkbox"/>	0.000	186.096	298359.36	0.0611	P	0.7
3	<input type="checkbox"/>	1000.000	1331.453	323107.36	0.0693	P	2.3
4	<input type="checkbox"/>	2500.000	3148.472	352606.12	0.0823	P	4.1
5	<input type="checkbox"/>	5000.000	5087.337	405509.10	0.0962	P	2.5
6	<input type="checkbox"/>	10000.000	9651.062	537534.82	0.1289	P	0.4
7	<input type="checkbox"/>	20000.000	20055.003	840554.41	0.2034	P	0.7
8	<input type="checkbox"/>			202690.93	0.0506	P	2.3

$$y = 7.1637E-006 * x + 0.0598$$

R = 0.9991

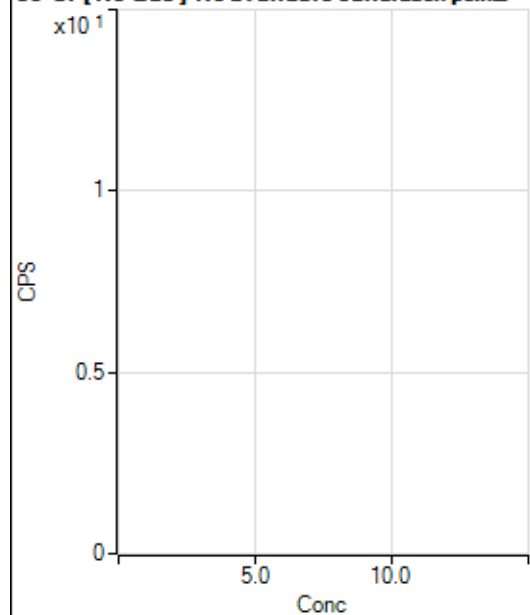
DL = 206.3

BEC = 8342

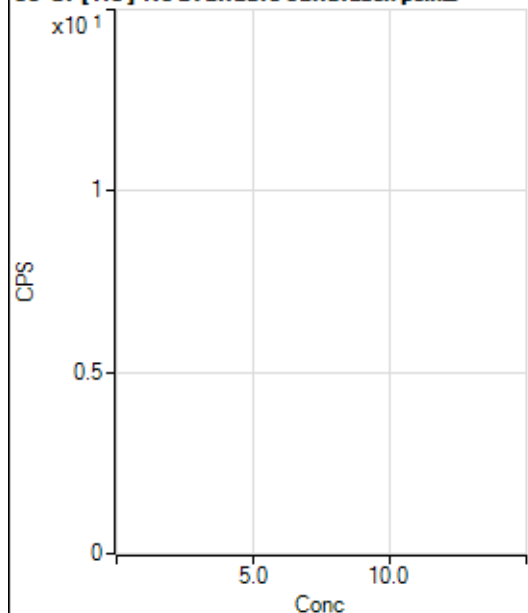
Weight: <None>

Min Conc: 0

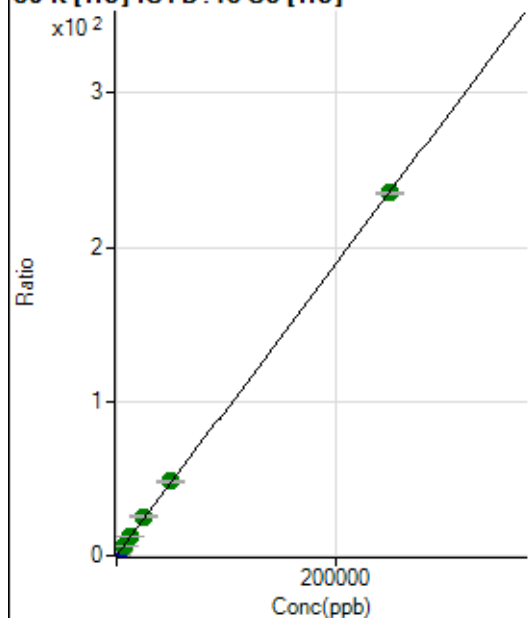
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	64145.46	0.1532	P	0.7
2	<input type="checkbox"/>	500.000	545.335	274897.15	0.6667	P	0.4
3	<input type="checkbox"/>	2500.000	2807.643	1101133.77	2.7971	P	0.7
4	<input type="checkbox"/>	6250.000	6580.138	2350457.52	6.3496	A	1.2
5	<input type="checkbox"/>	12500.000	13026.267	4533858.16	12.4198	A	3.8
6	<input type="checkbox"/>	25000.000	26591.289	8933070.35	25.1938	A	3.0
7	<input type="checkbox"/>	50000.000	50837.225	17468258.07	48.0259	A	1.0
8	<input type="checkbox"/>	250000.00	249635.69	80596319.91	235.2318	A	0.5

$$y = 9.4169\text{E-}004 * x + 0.1532$$

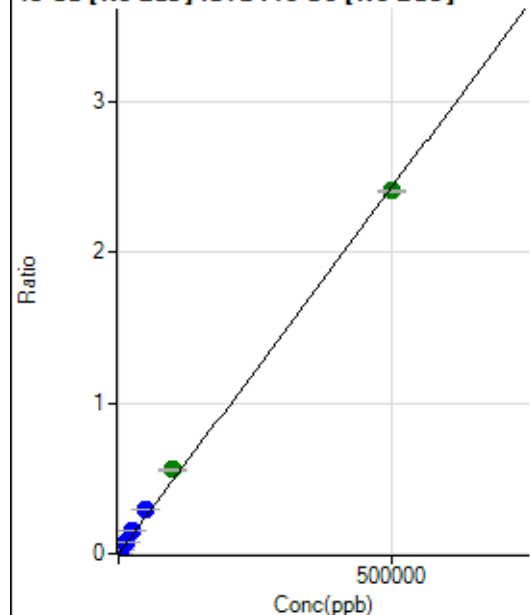
$$R = 1.0000$$

$$DL = 3.616$$

$$BEC = 162.7$$

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	<input type="checkbox"/>	0.000	0.000	747.80	0.0002	P	10.5
2	<input type="checkbox"/>	500.000	536.573	13462.71	0.0028	P	2.1
3	<input type="checkbox"/>	5000.000	6169.758	140392.13	0.0301	P	2.6
4	<input type="checkbox"/>	12500.000	15648.944	326141.62	0.0761	P	4.3
5	<input type="checkbox"/>	25000.000	30656.070	628230.92	0.1490	P	0.9
6	<input type="checkbox"/>	50000.000	60414.356	1223916.49	0.2935	P	1.7
7	<input type="checkbox"/>	100000.00	114446.78	2297003.83	0.5559	A	0.7
8	<input type="checkbox"/>	500000.00	495695.94	9644986.52	2.4073	A	0.5

$$y = 4.8561\text{E-}006 * x + 1.5142\text{E-}004$$

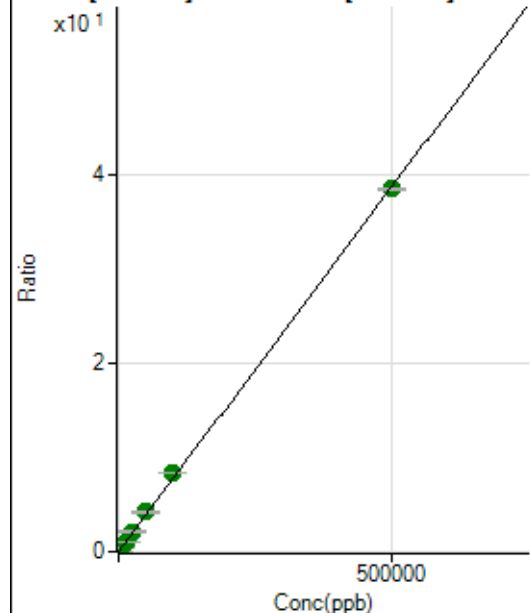
$$R = 0.9994$$

$$DL = 9.846$$

$$BEC = 31.18$$

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	<input type="checkbox"/>	0.000	0.000	6803.81	0.0014	P	3.1
2	<input type="checkbox"/>	500.000	548.157	213862.72	0.0438	P	1.2
3	<input type="checkbox"/>	5000.000	5537.872	2004118.89	0.4299	A	3.7
4	<input type="checkbox"/>	12500.000	14171.918	4703350.45	1.0980	A	4.1
5	<input type="checkbox"/>	25000.000	27641.975	9023366.39	2.1404	A	0.5
6	<input type="checkbox"/>	50000.000	54263.711	17514432.10	4.2004	A	1.6
7	<input type="checkbox"/>	100000.00	107995.35	34535891.15	8.3583	A	1.3
8	<input type="checkbox"/>	500000.00	497795.23	154336868.8	38.5217	A	0.5

$$y = 7.7382\text{E-}005 * x + 0.0014$$

$$R = 0.9998$$

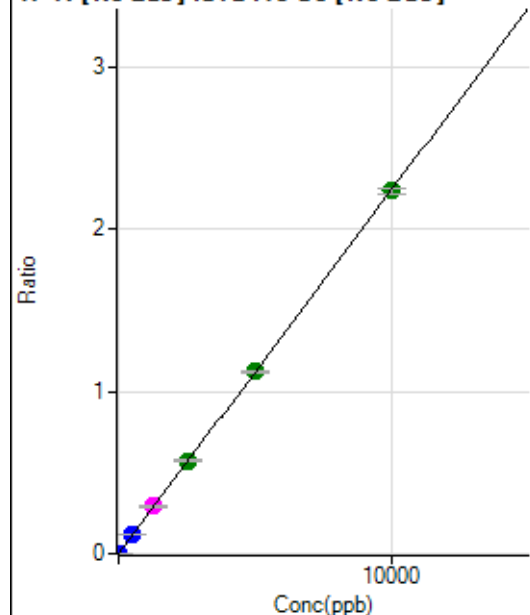
$$DL = 1.632$$

$$BEC = 17.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	97.78	0.0000	P	48.1
2	<input type="checkbox"/>	5.000	5.300	5903.42	0.0012	P	1.0
3	<input type="checkbox"/>	500.000	522.670	546619.19	0.1173	P	3.3
4	<input type="checkbox"/>	1250.000	1309.785	1258242.83	0.2938	M	4.8
5	<input type="checkbox"/>	2500.000	2558.324	2419162.32	0.5738	A	0.5
6	<input type="checkbox"/>	5000.000	5002.830	4678981.91	1.1221	A	1.6
7	<input type="checkbox"/>	10000.000	9975.397	9245276.32	2.2375	A	1.3
8	<input type="checkbox"/>			3210.37	0.0008	P	6.9

$$y = 2.2430\text{E-}004 * x + 1.9817\text{E-}005$$

$$R = 1.0000$$

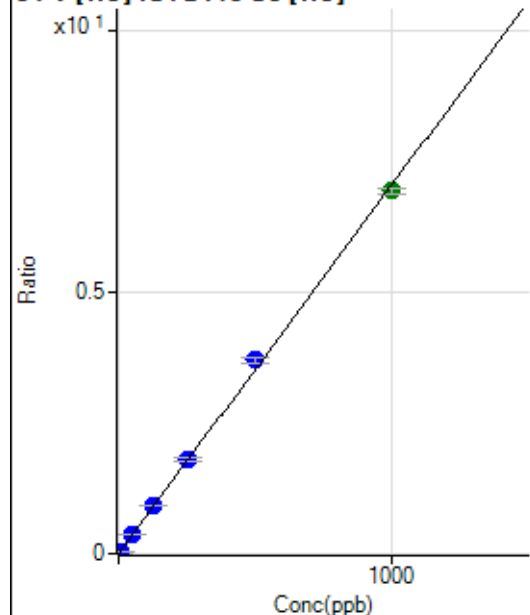
$$DL = 0.1275$$

$$BEC = 0.08835$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	8.89	0.0000	P	114.
2	<input type="checkbox"/>	5.000	5.053	14679.44	0.0356	P	1.1
3	<input type="checkbox"/>	50.000	51.138	141764.93	0.3601	P	0.8
4	<input type="checkbox"/>	125.000	129.018	336278.12	0.9085	P	1.4
5	<input type="checkbox"/>	250.000	257.859	662717.24	1.8156	P	4.2
6	<input type="checkbox"/>	500.000	524.904	1310386.99	3.6959	P	3.3
7	<input type="checkbox"/>	1000.000	985.024	2522712.93	6.9357	A	1.2
8	<input type="checkbox"/>			864.48	0.0025	P	5.6

$$y = 0.0070 * x + 2.1234\text{E-}005$$

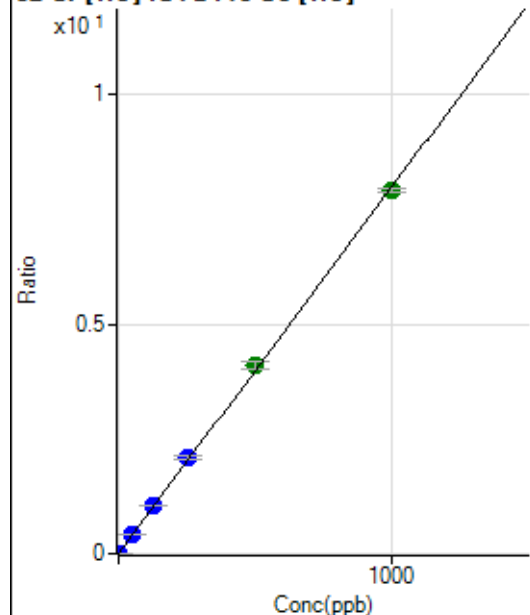
$$R = 0.9995$$

$$DL = 0.01037$$

$$BEC = 0.003016$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	1121.16	0.0027	P	6.7
2	<input type="checkbox"/>	2.000	2.108	8036.65	0.0195	P	2.6
3	<input type="checkbox"/>	50.000	51.866	163906.42	0.4164	P	0.8
4	<input type="checkbox"/>	125.000	130.813	387235.66	1.0460	P	1.1
5	<input type="checkbox"/>	250.000	261.549	762491.99	2.0888	P	3.9
6	<input type="checkbox"/>	500.000	511.900	1448258.00	4.0856	A	4.1
7	<input type="checkbox"/>	1000.000	990.343	2874033.71	7.9016	A	1.1
8	<input type="checkbox"/>			12250.62	0.0358	P	2.3

$$y = 0.0080 * x + 0.0027$$

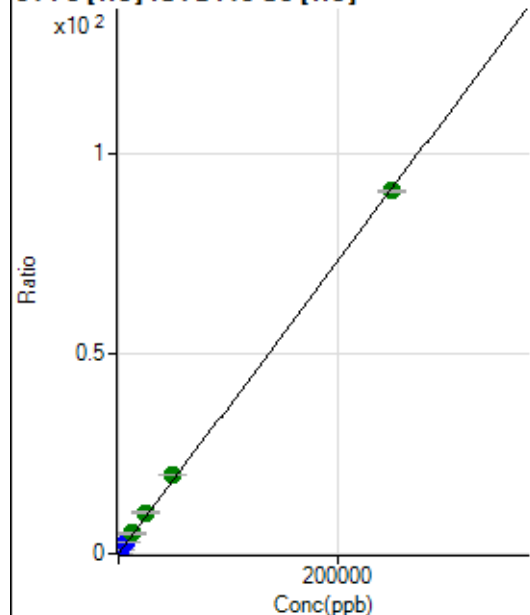
$$R = 0.9998$$

$$DL = 0.06747$$

$$BEC = 0.3357$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	1354.52	0.0032	P	3.2
2	<input type="checkbox"/>	50.000	58.155	10083.46	0.0245	P	1.3
3	<input type="checkbox"/>	2500.000	2918.360	420510.54	1.0682	P	1.0
4	<input type="checkbox"/>	6250.000	7343.817	993169.91	2.6831	P	1.5
5	<input type="checkbox"/>	12500.000	13891.005	1851855.11	5.0722	A	3.4
6	<input type="checkbox"/>	25000.000	28179.684	3646961.68	10.2863	A	3.3
7	<input type="checkbox"/>	50000.000	53820.845	7144795.45	19.6431	A	1.2
8	<input type="checkbox"/>	250000.00	248816.78	31110017.59	90.7993	A	0.6

$$y = 3.6491E-004 * x + 0.0032$$

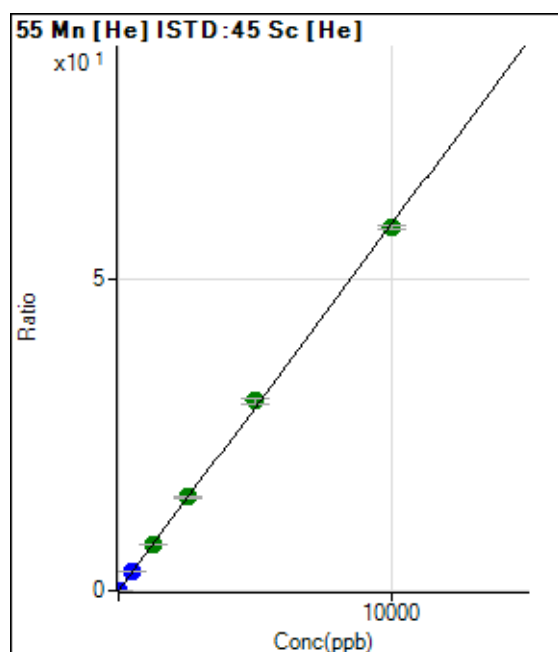
$$R = 0.9998$$

$$DL = 0.8397$$

$$BEC = 8.864$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	83.33	0.0002	P	28.1
2	<input type="checkbox"/>	1.000	1.045	2616.92	0.0063	P	1.7
3	<input type="checkbox"/>	500.000	518.461	1200771.47	3.0502	P	0.7
4	<input type="checkbox"/>	1250.000	1263.355	2751206.94	7.4322	A	1.2
5	<input type="checkbox"/>	2500.000	2545.495	5466961.31	14.9748	A	3.7
6	<input type="checkbox"/>	5000.000	5173.931	10792246.23	30.4373	A	2.9
7	<input type="checkbox"/>	10000.000	9899.068	21181955.66	58.2343	A	1.0
8	<input type="checkbox"/>			13042.41	0.0381	P	4.8

$$y = 0.0059 * x + 1.9904E-004$$

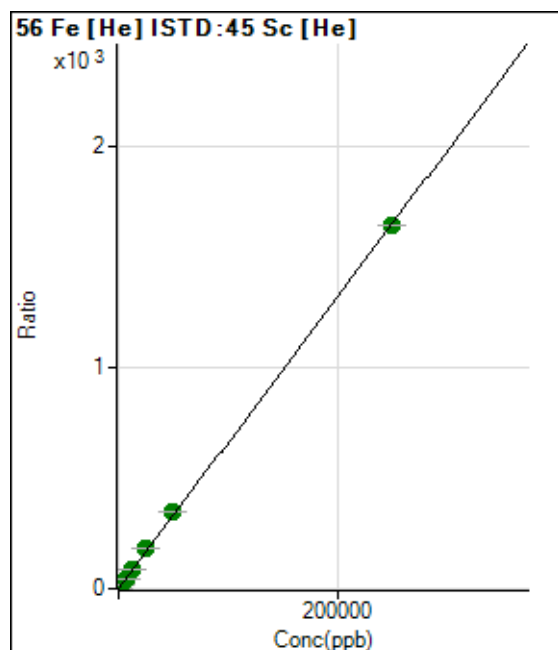
$$R = 0.9998$$

$$DL = 0.02854$$

$$BEC = 0.03383$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	7872.15	0.0188	P	2.2
2	<input type="checkbox"/>	50.000	56.907	162463.28	0.3940	P	0.8
3	<input type="checkbox"/>	2500.000	2653.923	6896420.38	17.5186	A	0.9
4	<input type="checkbox"/>	6250.000	6766.030	16521919.75	44.6336	A	1.4
5	<input type="checkbox"/>	12500.000	13552.771	32624465.07	89.3850	A	4.4
6	<input type="checkbox"/>	25000.000	27773.704	64924640.70	183.1571	A	4.2
7	<input type="checkbox"/>	50000.000	52582.040	126126702.5	346.7419	A	0.9
8	<input type="checkbox"/>	250000.00	249139.14	562872307.1	1,642.828	A	0.1

$$y = 0.0066 * x + 0.0188$$

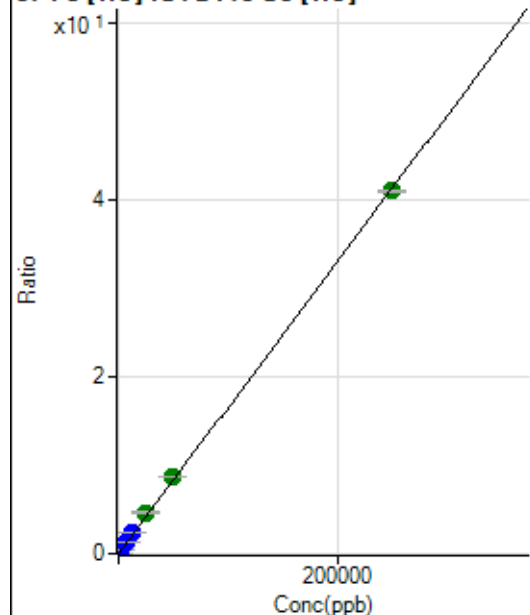
$$R = 0.9999$$

$$DL = 0.1869$$

$$BEC = 2.851$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	987.82	0.0024	P	5.3
2	<input type="checkbox"/>	50.000	60.348	5073.14	0.0123	P	1.2
3	<input type="checkbox"/>	2500.000	2869.352	187065.00	0.4752	P	0.4
4	<input type="checkbox"/>	6250.000	7310.869	446798.78	1.2071	P	1.7
5	<input type="checkbox"/>	12500.000	14612.804	879737.72	2.4103	P	4.3
6	<input type="checkbox"/>	25000.000	28119.993	1643010.05	4.6360	A	5.2
7	<input type="checkbox"/>	50000.000	53149.854	3186624.92	8.7605	A	0.5
8	<input type="checkbox"/>	250000.00	248922.17	14054561.60	41.0204	A	0.5

$$y = 1.6478\text{E-}004 * x + 0.0024$$

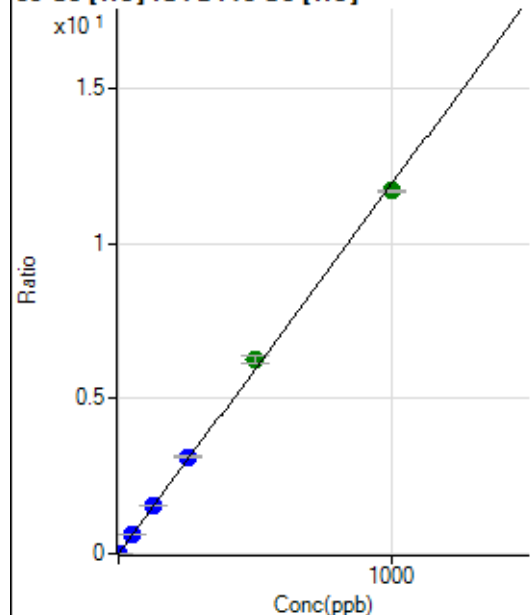
R = 0.9999

DL = 2.295

BEC = 14.32

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	84.44	0.0002	P	25.5
2	<input type="checkbox"/>	1.000	1.097	5467.72	0.0133	P	2.4
3	<input type="checkbox"/>	50.000	51.973	243609.98	0.6188	P	0.5
4	<input type="checkbox"/>	125.000	131.564	579699.11	1.5661	P	1.6
5	<input type="checkbox"/>	250.000	262.863	1142193.18	3.1288	P	3.8
6	<input type="checkbox"/>	500.000	526.965	2223353.66	6.2722	A	4.2
7	<input type="checkbox"/>	1000.000	982.382	4252998.23	11.6927	A	0.4
8	<input type="checkbox"/>			12602.06	0.0368	P	0.9

$$y = 0.0119 * x + 2.0171\text{E-}004$$

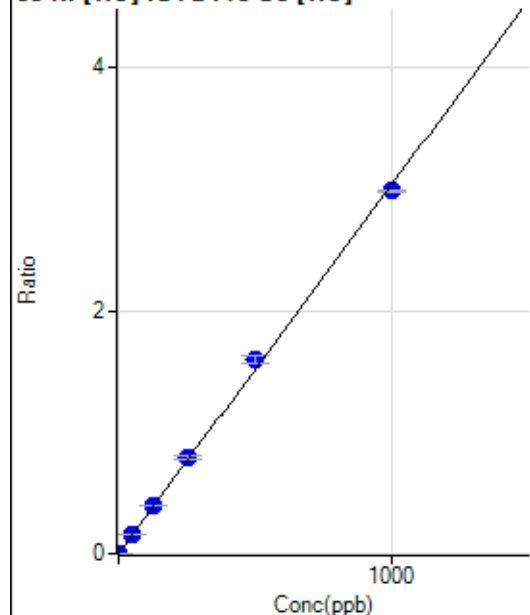
R = 0.9993

DL = 0.01298

BEC = 0.01695

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	136.67	0.0003	P	17.7
2	<input type="checkbox"/>	1.000	1.050	1450.09	0.0035	P	1.0
3	<input type="checkbox"/>	50.000	52.594	63018.19	0.1601	P	0.2
4	<input type="checkbox"/>	125.000	130.496	146840.35	0.3967	P	1.5
5	<input type="checkbox"/>	250.000	262.084	290735.59	0.7964	P	3.5
6	<input type="checkbox"/>	500.000	524.653	565033.83	1.5939	P	3.8
7	<input type="checkbox"/>	1000.000	983.836	1087001.03	2.9886	P	0.9
8	<input type="checkbox"/>			4478.49	0.0131	P	1.3

$$y = 0.0030 * x + 3.2643E-004$$

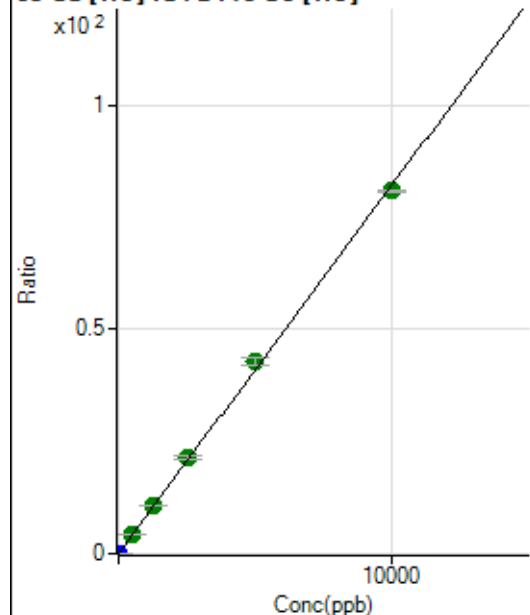
$$R = 0.9995$$

$$DL = 0.05723$$

$$BEC = 0.1075$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	5128.71	0.0122	P	5.1
2	<input type="checkbox"/>	2.000	2.112	12191.72	0.0296	P	2.5
3	<input type="checkbox"/>	500.000	530.968	1719190.51	4.3671	A	1.9
4	<input type="checkbox"/>	1250.000	1323.457	4022771.74	10.8670	A	0.9
5	<input type="checkbox"/>	2500.000	2605.166	7804255.99	21.3793	A	3.9
6	<input type="checkbox"/>	5000.000	5211.049	15154709.64	42.7522	A	4.2
7	<input type="checkbox"/>	10000.000	9857.453	29411345.12	80.8610	A	0.7
8	<input type="checkbox"/>			11833.66	0.0345	P	4.8

$$y = 0.0082 * x + 0.0122$$

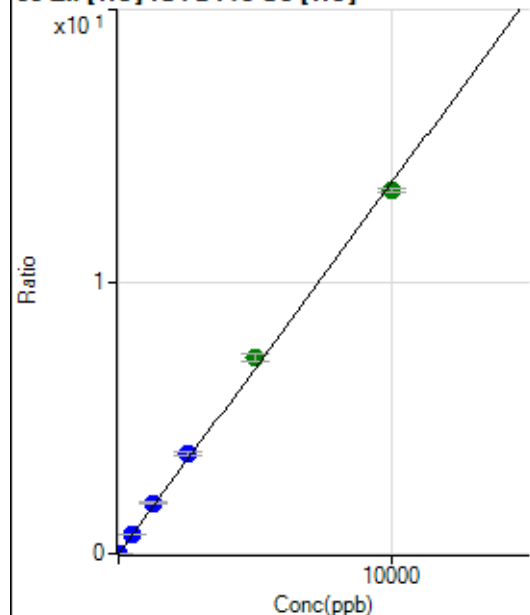
$$R = 0.9996$$

$$DL = 0.2289$$

$$BEC = 1.493$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	297.78	0.0007	P	9.9
2	<input type="checkbox"/>	5.000	5.293	3269.28	0.0079	P	2.0
3	<input type="checkbox"/>	500.000	539.826	290059.58	0.7368	P	0.3
4	<input type="checkbox"/>	1250.000	1370.320	691930.48	1.8692	P	1.3
5	<input type="checkbox"/>	2500.000	2706.474	1347379.04	3.6911	P	3.9
6	<input type="checkbox"/>	5000.000	5286.981	2555975.29	7.2097	A	3.6
7	<input type="checkbox"/>	10000.000	9787.859	4854441.14	13.3467	A	1.2
8	<input type="checkbox"/>			6042.39	0.0176	P	0.9

$$y = 0.0014 * x + 7.1103E-004$$

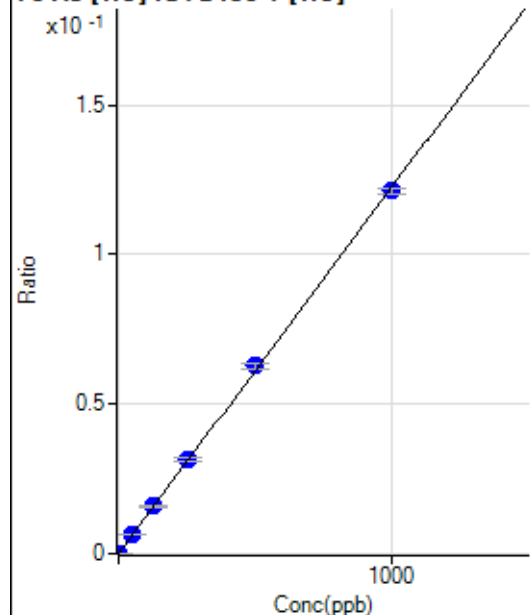
$$R = 0.9991$$

$$DL = 0.1554$$

$$BEC = 0.5215$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	4.44	0.0000	P	44.5
2	<input type="checkbox"/>	1.000	1.031	391.12	0.0001	P	5.8
3	<input type="checkbox"/>	50.000	51.765	18453.78	0.0063	P	2.1
4	<input type="checkbox"/>	125.000	129.324	43881.36	0.0158	P	1.6
5	<input type="checkbox"/>	250.000	257.179	86111.04	0.0315	P	2.9
6	<input type="checkbox"/>	500.000	513.103	169443.51	0.0628	P	3.2
7	<input type="checkbox"/>	1000.000	991.025	332284.13	0.1212	P	1.6
8	<input type="checkbox"/>			161.11	0.0001	P	16.7

$$y = 1.2232E-004 * x + 1.4293E-006$$

$$R = 0.9998$$

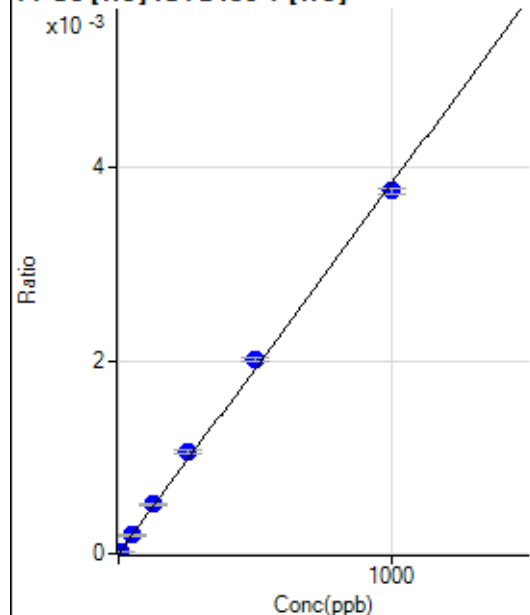
$$DL = 0.01559$$

$$BEC = 0.01169$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	0.00	0.0000	P	
2	<input type="checkbox"/>	5.000	4.066	47.78	0.0000	P	38.3
3	<input type="checkbox"/>	50.000	51.252	572.24	0.0002	P	7.6
4	<input type="checkbox"/>	125.000	133.868	1421.19	0.0005	P	4.7
5	<input type="checkbox"/>	250.000	274.668	2880.31	0.0011	P	4.3
6	<input type="checkbox"/>	500.000	523.438	5413.27	0.0020	P	2.0
7	<input type="checkbox"/>	1000.000	980.948	10300.32	0.0038	P	1.7
8	<input type="checkbox"/>			42.22	0.0000	P	24.9

$$y = 3.8298\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9992$$

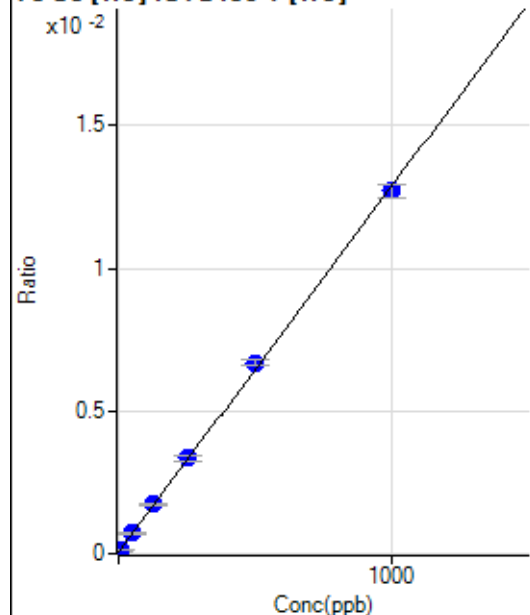
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	155.56	0.0000	P	7.3
2	<input type="checkbox"/>	5.000	5.409	365.56	0.0001	P	5.9
3	<input type="checkbox"/>	50.000	53.332	2134.62	0.0007	P	7.7
4	<input type="checkbox"/>	125.000	130.342	4768.60	0.0017	P	2.4
5	<input type="checkbox"/>	250.000	257.905	9175.15	0.0034	P	5.4
6	<input type="checkbox"/>	500.000	518.478	18064.45	0.0067	P	3.4
7	<input type="checkbox"/>	1000.000	987.948	34818.67	0.0127	P	3.4
8	<input type="checkbox"/>			303.34	0.0001	P	4.2

$$y = 1.2810\text{E-}005 * x + 4.9909\text{E-}005$$

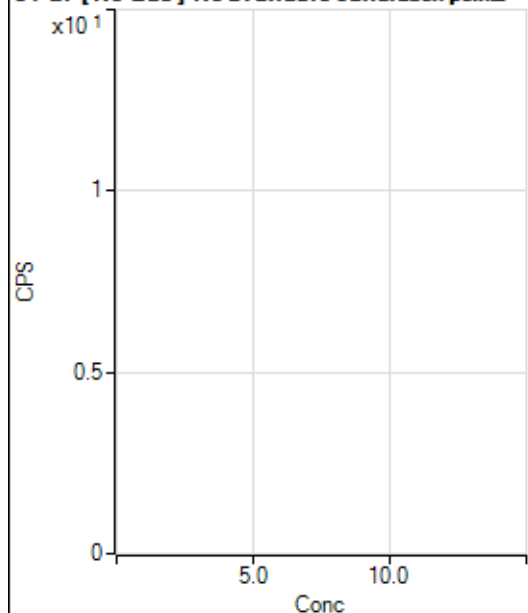
$$R = 0.9997$$

$$DL = 0.8486$$

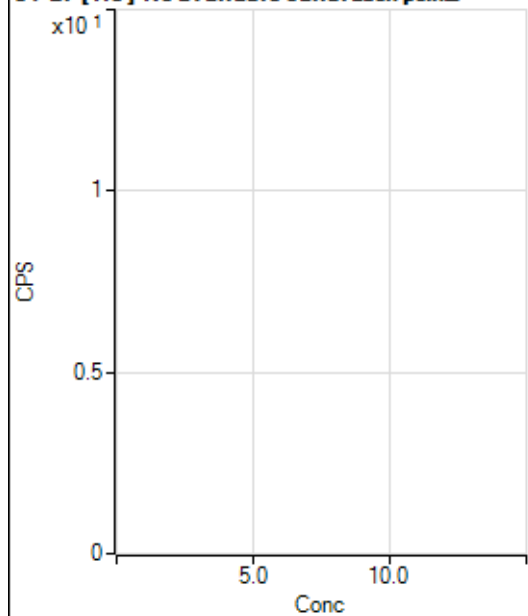
$$BEC = 3.896$$

Weight: <None>

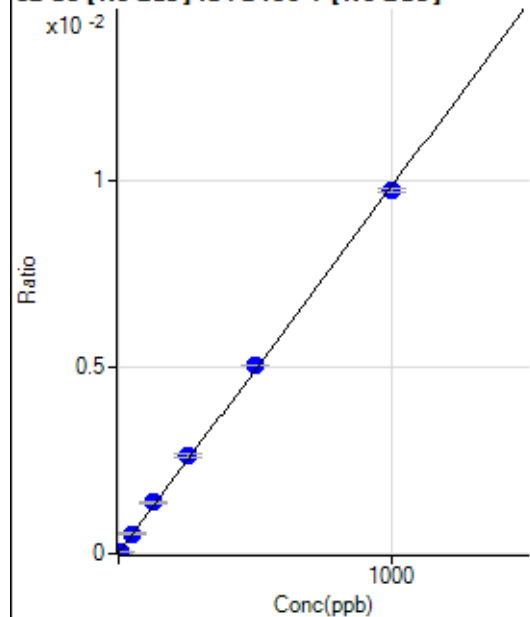
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			11275.52		P	1.5
2	<input type="checkbox"/>			10409.30		P	0.8
3	<input type="checkbox"/>			9386.40		P	1.9
4	<input type="checkbox"/>			8345.75		P	1.4
5	<input type="checkbox"/>			8058.95		P	0.6
6	<input type="checkbox"/>			8388.01		P	3.3
7	<input type="checkbox"/>			8757.12		P	2.6
8	<input type="checkbox"/>			11761.43		P	5.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			153.34		P	5.8
2	<input type="checkbox"/>			150.00		P	14.6
3	<input type="checkbox"/>			42.22		P	12.1
4	<input type="checkbox"/>			47.78		P	17.6
5	<input type="checkbox"/>			43.33		P	NaN
6	<input type="checkbox"/>			64.44		P	21.5
7	<input type="checkbox"/>			97.78		P	7.9
8	<input type="checkbox"/>			674.47		P	5.0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	189.51	0.0000	P	18.3
2	<input type="checkbox"/>	5.000	5.305	885.64	0.0001	P	1.7
3	<input type="checkbox"/>	50.000	53.594	6964.24	0.0005	P	0.5
4	<input type="checkbox"/>	125.000	137.827	16649.07	0.0014	P	3.1
5	<input type="checkbox"/>	250.000	265.844	31642.96	0.0026	P	2.8
6	<input type="checkbox"/>	500.000	512.300	61680.50	0.0050	P	0.8
7	<input type="checkbox"/>	1000.000	988.104	118299.66	0.0097	P	1.2
8	<input type="checkbox"/>			807.61	0.0001	P	4.1

$$y = 9.8244\text{E-}006 * x + 1.3924\text{E-}005$$

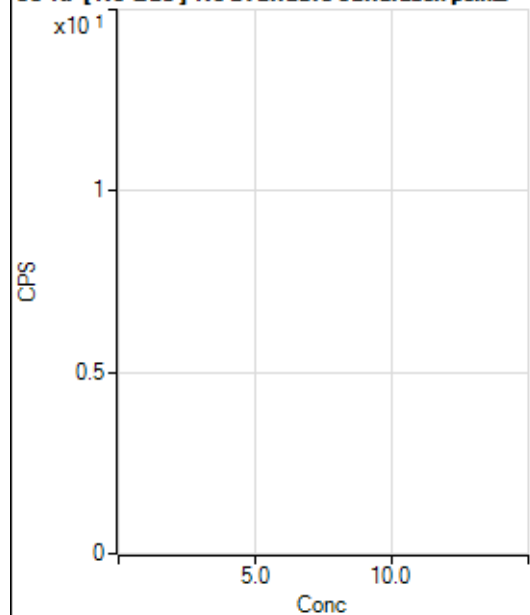
$$R = 0.9997$$

$$DL = 0.7761$$

$$BEC = 1.417$$

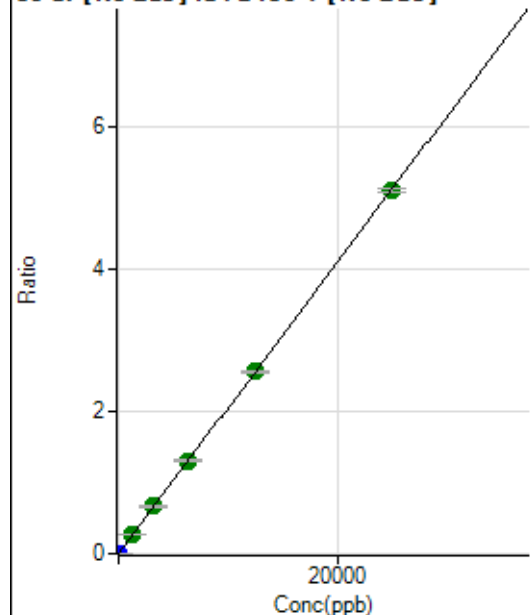
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>			172.23		P	17.3
2	<input type="checkbox"/>			166.67		P	19.1
3	<input type="checkbox"/>			158.89		P	31.6
4	<input type="checkbox"/>			126.67		P	2.6
5	<input type="checkbox"/>			136.67		P	4.9
6	<input type="checkbox"/>			142.22		P	19.7
7	<input type="checkbox"/>			161.12		P	18.8
8	<input type="checkbox"/>			164.45		P	15.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	301.12	0.0000	P	9.6
2	<input type="checkbox"/>	1.000	0.964	2944.77	0.0002	P	1.6
3	<input type="checkbox"/>	1250.000	1300.623	3433339.15	0.2665	A	2.4
4	<input type="checkbox"/>	3125.000	3256.879	8122605.92	0.6674	A	2.7
5	<input type="checkbox"/>	6250.000	6397.684	15798493.38	1.3109	A	2.7
6	<input type="checkbox"/>	12500.000	12526.357	31366738.14	2.5667	A	1.5
7	<input type="checkbox"/>	25000.000	24930.884	62164368.52	5.1084	A	1.0
8	<input type="checkbox"/>			18955.74	0.0017	P	10.5

$$y = 2.0490\text{E-}004 * x + 2.2148\text{E-}005$$

$$R = 1.0000$$

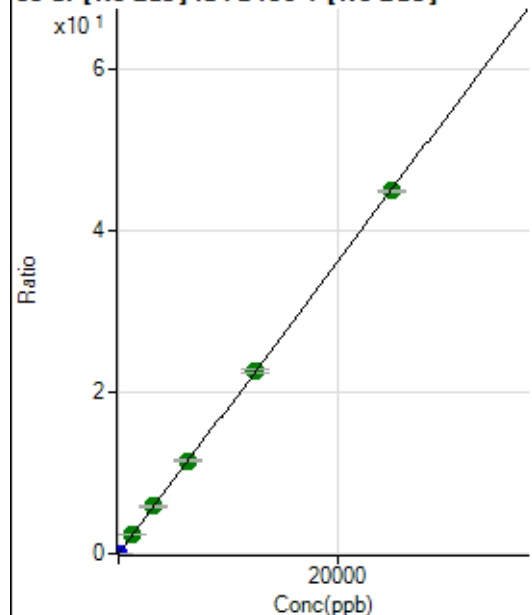
$$DL = 0.03103$$

$$BEC = 0.1081$$

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	<input type="checkbox"/>	0.000	0.000	334.65	0.0000	P	92.0
2	<input type="checkbox"/>	1.000	0.992	24326.82	0.0018	P	0.4
3	<input type="checkbox"/>	1250.000	1277.646	29685284.83	2.3047	A	3.2
4	<input type="checkbox"/>	3125.000	3254.959	71455773.38	5.8714	A	3.1
5	<input type="checkbox"/>	6250.000	6385.083	138840330.1	11.5176	A	1.4
6	<input type="checkbox"/>	12500.000	12545.295	276563586.9	22.6296	A	1.3
7	<input type="checkbox"/>	25000.000	24925.954	547131245.1	44.9622	A	0.6
8	<input type="checkbox"/>			163121.53	0.0146	P	10.0

$$y = 0.0018 * x + 2.4707\text{E-}005$$

$$R = 1.0000$$

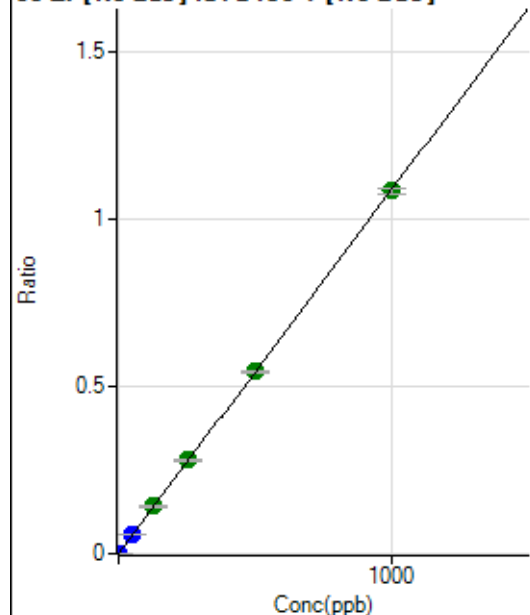
$$DL = 0.0378$$

$$BEC = 0.0137$$

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	<input type="checkbox"/>	0.000	0.000	560.01	0.0000	P	1.7
2	<input type="checkbox"/>	1.000	0.990	14971.04	0.0011	P	1.6
3	<input type="checkbox"/>	50.000	52.112	729621.19	0.0566	P	3.0
4	<input type="checkbox"/>	125.000	130.218	1721914.28	0.1415	A	3.0
5	<input type="checkbox"/>	250.000	257.960	3377893.80	0.2802	A	1.8
6	<input type="checkbox"/>	500.000	499.841	6635822.89	0.5430	A	0.8
7	<input type="checkbox"/>	1000.000	997.332	13183271.61	1.0833	A	1.6
8	<input type="checkbox"/>			8399.14	0.0008	P	2.4

$$y = 0.0011 * x + 4.1189E-005$$

$$R = 1.0000$$

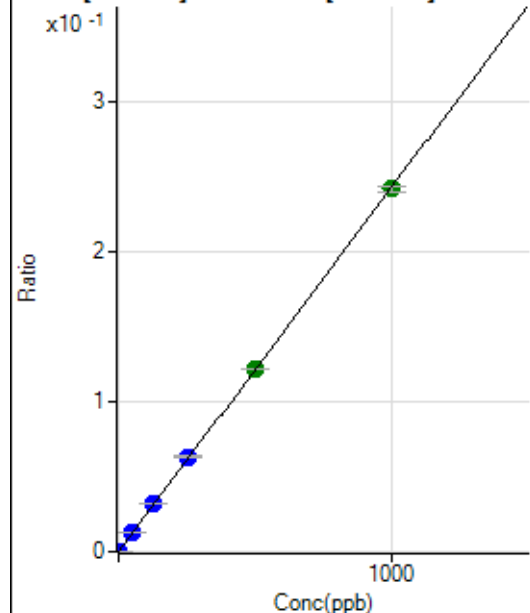
$$DL = 0.001967$$

$$BEC = 0.03792$$

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	<input type="checkbox"/>	0.000	0.000	105.56	0.0000	P	8.7
2	<input type="checkbox"/>	1.000	0.959	3227.05	0.0002	P	4.4
3	<input type="checkbox"/>	50.000	51.878	162387.54	0.0126	P	1.9
4	<input type="checkbox"/>	125.000	131.838	389732.55	0.0320	P	2.8
5	<input type="checkbox"/>	250.000	259.354	759175.73	0.0630	P	2.0
6	<input type="checkbox"/>	500.000	501.522	1488568.57	0.1218	A	0.5
7	<input type="checkbox"/>	1000.000	995.952	2943087.56	0.2419	A	1.4
8	<input type="checkbox"/>			1905.70	0.0002	P	3.4

$$y = 2.4283E-004 * x + 7.7664E-006$$

$$R = 0.9999$$

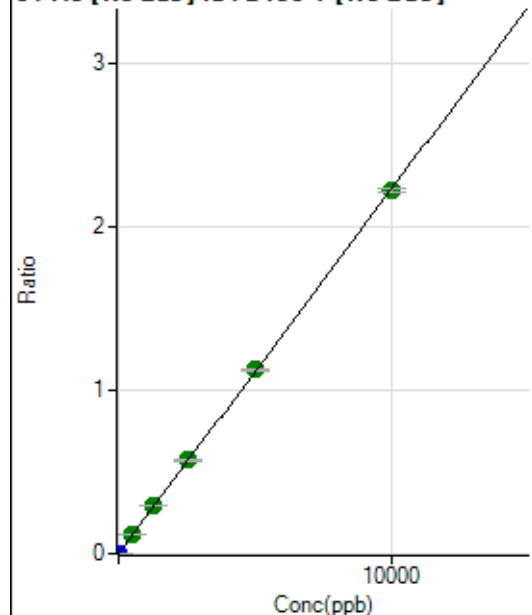
$$DL = 0.008334$$

$$BEC = 0.03198$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	244.45	0.0000	P	7.3
2	<input type="checkbox"/>	5.000	5.729	17368.17	0.0013	P	2.0
3	<input type="checkbox"/>	500.000	519.308	1491946.11	0.1158	A	2.6
4	<input type="checkbox"/>	1250.000	1315.868	3571402.76	0.2934	A	3.0
5	<input type="checkbox"/>	2500.000	2558.650	6876261.77	0.5706	A	2.8
6	<input type="checkbox"/>	5000.000	5049.941	13763215.91	1.1261	A	0.7
7	<input type="checkbox"/>	10000.000	9951.168	27003735.71	2.2191	A	1.0
8	<input type="checkbox"/>			11519.07	0.0010	P	4.2

$$y = 2.2299\text{E-}004 * x + 1.7982\text{E-}005$$

$$R = 0.9999$$

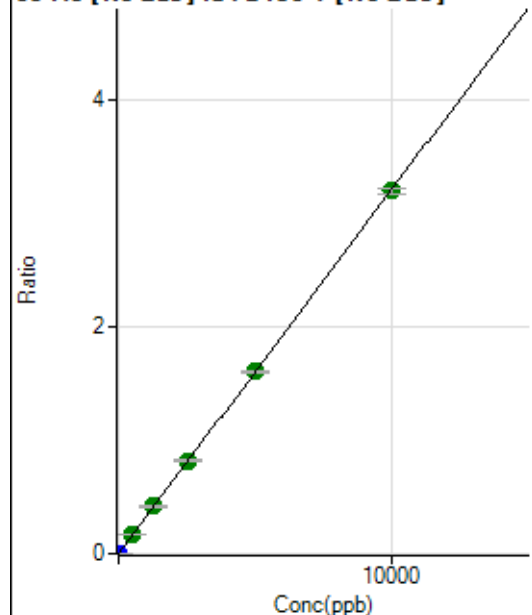
$$DL = 0.0177$$

$$BEC = 0.08064$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	68.89	0.0000	P	12.6
2	<input type="checkbox"/>	5.000	4.927	21269.98	0.0016	P	2.6
3	<input type="checkbox"/>	500.000	520.393	2151389.62	0.1670	A	3.3
4	<input type="checkbox"/>	1250.000	1310.483	5119399.99	0.4206	A	3.0
5	<input type="checkbox"/>	2500.000	2557.588	9893714.16	0.8209	A	2.3
6	<input type="checkbox"/>	5000.000	5012.662	19662225.12	1.6089	A	1.3
7	<input type="checkbox"/>	10000.000	9970.692	38944031.37	3.2002	A	1.2
8	<input type="checkbox"/>			15321.43	0.0014	P	1.4

$$y = 3.2097\text{E-}004 * x + 5.0685\text{E-}006$$

$$R = 1.0000$$

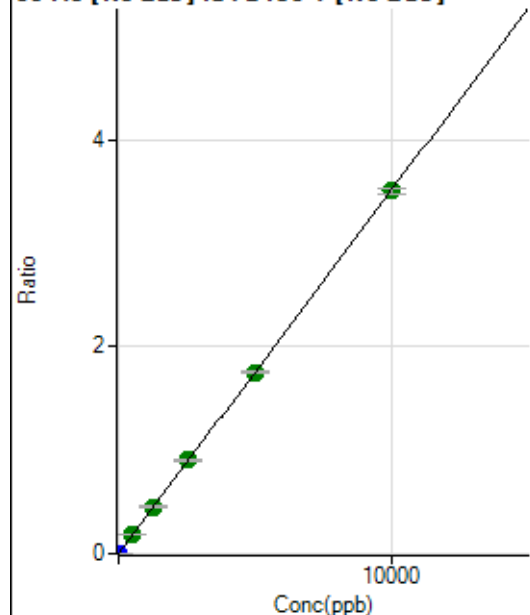
$$DL = 0.005968$$

$$BEC = 0.01579$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	97.78	0.0000	P	17.5
2	<input type="checkbox"/>	5.000	4.994	23608.00	0.0018	P	2.8
3	<input type="checkbox"/>	500.000	518.176	2344295.52	0.1820	A	2.8
4	<input type="checkbox"/>	1250.000	1291.412	5520296.45	0.4536	A	3.0
5	<input type="checkbox"/>	2500.000	2565.890	10861866.36	0.9012	A	2.1
6	<input type="checkbox"/>	5000.000	4997.155	21448426.35	1.7551	A	1.3
7	<input type="checkbox"/>	10000.000	9978.865	42648891.31	3.5047	A	1.5
8	<input type="checkbox"/>			20604.64	0.0018	P	4.6

$$y = 3.5121\text{E-}004 * x + 7.1969\text{E-}006$$

$$R = 1.0000$$

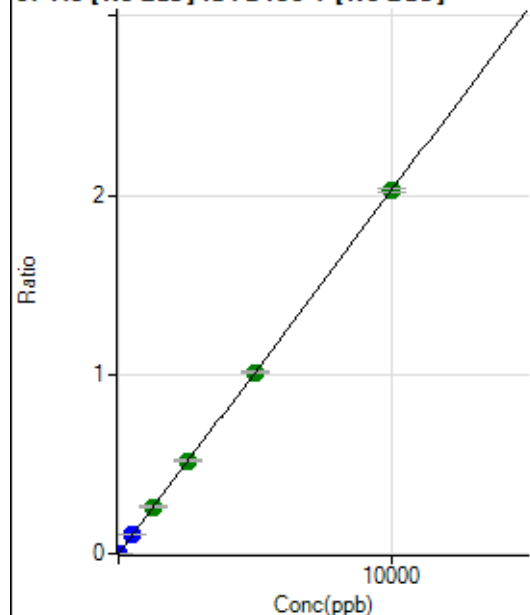
$$DL = 0.01079$$

$$BEC = 0.02049$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	41.11	0.0000	P	44.8
2	<input type="checkbox"/>	5.000	4.932	13449.62	0.0010	P	1.0
3	<input type="checkbox"/>	500.000	525.721	1373080.00	0.1066	P	2.8
4	<input type="checkbox"/>	1250.000	1284.563	3169939.50	0.2605	A	3.0
5	<input type="checkbox"/>	2500.000	2554.120	6241860.95	0.5179	A	2.4
6	<input type="checkbox"/>	5000.000	4990.656	12367027.18	1.0119	A	0.6
7	<input type="checkbox"/>	10000.000	9985.536	24637699.63	2.0247	A	1.0
8	<input type="checkbox"/>			9060.66	0.0008	P	6.9

$$y = 2.0276\text{E-}004 * x + 3.0267\text{E-}006$$

$$R = 1.0000$$

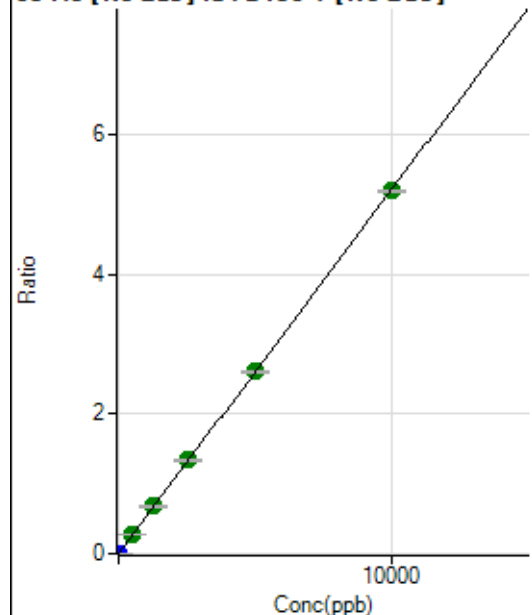
$$DL = 0.02007$$

$$BEC = 0.01493$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	104.45	0.0000	P	3.1
2	<input type="checkbox"/>	5.000	4.877	34198.89	0.0026	P	2.0
3	<input type="checkbox"/>	500.000	517.910	3478990.12	0.2701	A	2.6
4	<input type="checkbox"/>	1250.000	1304.148	8276282.93	0.6801	A	3.3
5	<input type="checkbox"/>	2500.000	2569.205	16149045.04	1.3398	A	1.7
6	<input type="checkbox"/>	5000.000	5009.237	31925061.47	2.6121	A	1.0
7	<input type="checkbox"/>	10000.000	9970.416	63268418.50	5.1992	A	0.3
8	<input type="checkbox"/>			22595.38	0.0020	P	6.0

$$y = 5.2146\text{E-}004 * x + 7.6804\text{E-}006$$

$$R = 1.0000$$

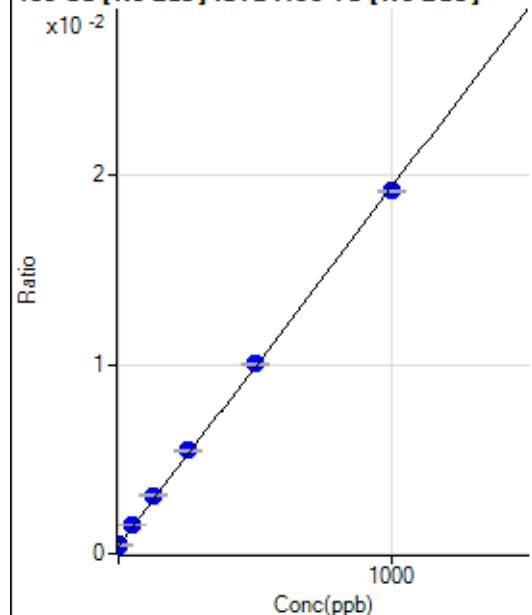
$$DL = 0.001359$$

$$BEC = 0.01473$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	4760.82	0.0004	P	1.3
2	<input type="checkbox"/>	1.000	2.906	5344.38	0.0005	P	6.1
3	<input type="checkbox"/>	50.000	58.251	16914.37	0.0015	P	2.7
4	<input type="checkbox"/>	125.000	140.200	33161.22	0.0031	P	4.1
5	<input type="checkbox"/>	250.000	265.160	59814.72	0.0054	P	1.8
6	<input type="checkbox"/>	500.000	507.296	112741.72	0.0100	P	0.8
7	<input type="checkbox"/>	1000.000	990.248	214432.73	0.0192	P	0.5
8	<input type="checkbox"/>			4407.38	0.0004	P	1.2

$$y = 1.8953\text{E-}005 * x + 4.1579\text{E-}004$$

$$R = 0.9998$$

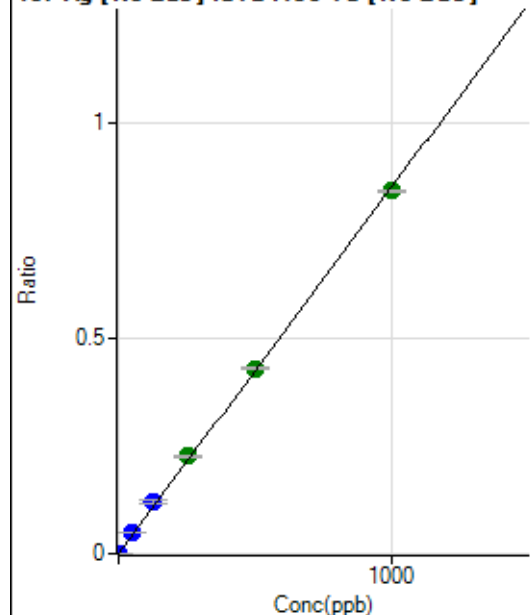
$$DL = 0.8587$$

$$BEC = 21.94$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	104.45	0.0000	P	32.4
2	<input type="checkbox"/>	1.000	1.114	10840.81	0.0010	P	2.0
3	<input type="checkbox"/>	50.000	57.725	545473.24	0.0490	P	1.8
4	<input type="checkbox"/>	125.000	141.840	1299319.75	0.1204	P	4.2
5	<input type="checkbox"/>	250.000	267.243	2493553.12	0.2269	A	2.0
6	<input type="checkbox"/>	500.000	505.917	4826772.60	0.4294	A	1.0
7	<input type="checkbox"/>	1000.000	990.239	9395527.57	0.8406	A	0.8
8	<input type="checkbox"/>			3649.39	0.0004	P	10.3

$$y = 8.4883E-004 * x + 9.1353E-006$$

$$R = 0.9997$$

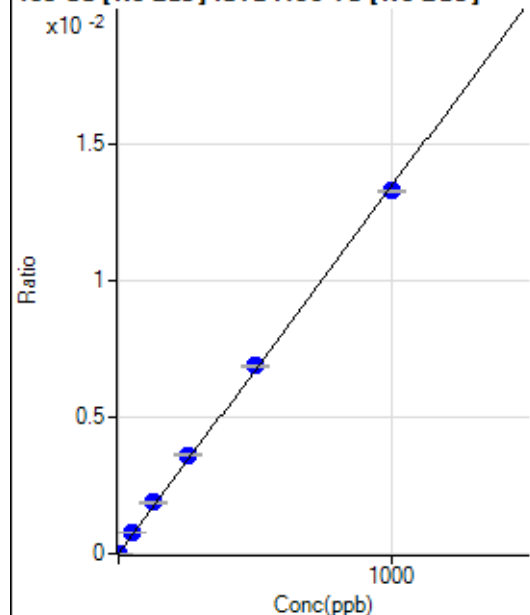
$$DL = 0.01047$$

$$BEC = 0.01076$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	14.45	0.0000	P	27.3
2	<input type="checkbox"/>	1.000	1.081	180.00	0.0000	P	13.6
3	<input type="checkbox"/>	50.000	57.125	8582.61	0.0008	P	0.7
4	<input type="checkbox"/>	125.000	140.101	20392.20	0.0019	P	3.2
5	<input type="checkbox"/>	250.000	268.620	39797.75	0.0036	P	2.4
6	<input type="checkbox"/>	500.000	510.744	77373.64	0.0069	P	0.8
7	<input type="checkbox"/>	1000.000	987.729	148784.79	0.0133	P	0.4
8	<input type="checkbox"/>			152.23	0.0000	P	4.1

$$y = 1.3475E-005 * x + 1.2637E-006$$

$$R = 0.9997$$

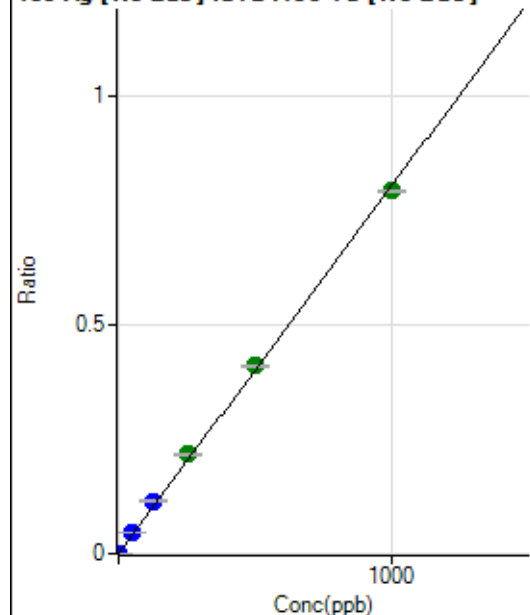
$$DL = 0.07686$$

$$BEC = 0.09378$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	43.33	0.0000	P	14.0
2	<input type="checkbox"/>	1.000	1.122	10280.39	0.0009	P	2.6
3	<input type="checkbox"/>	50.000	57.880	517977.71	0.0465	P	2.2
4	<input type="checkbox"/>	125.000	143.047	1240935.23	0.1150	P	4.8
5	<input type="checkbox"/>	250.000	270.275	2388957.74	0.2173	A	1.2
6	<input type="checkbox"/>	500.000	510.693	4615084.24	0.4106	A	0.7
7	<input type="checkbox"/>	1000.000	986.935	8869691.40	0.7935	A	0.4
8	<input type="checkbox"/>			3564.92	0.0004	P	7.2

$$y = 8.0402\text{E-}004 * x + 3.7871\text{E-}006$$

$$R = 0.9996$$

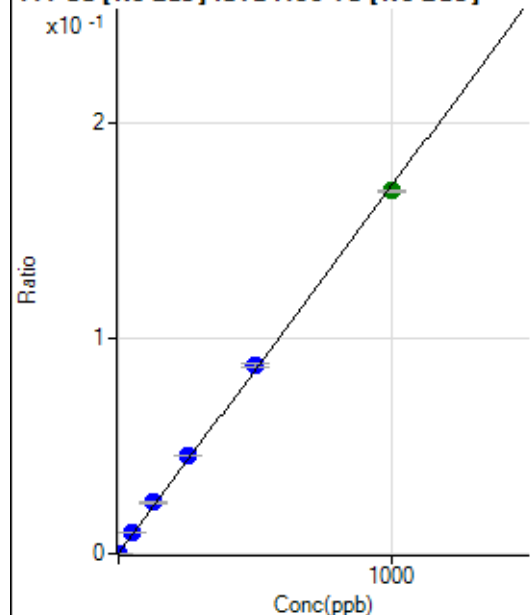
$$DL = 0.00198$$

$$BEC = 0.00471$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	944.27	0.0001	P	1.7
2	<input type="checkbox"/>	1.000	1.176	3216.41	0.0003	P	3.6
3	<input type="checkbox"/>	50.000	55.878	107200.78	0.0096	P	0.9
4	<input type="checkbox"/>	125.000	140.071	259168.41	0.0240	P	4.2
5	<input type="checkbox"/>	250.000	267.354	503156.66	0.0458	P	0.9
6	<input type="checkbox"/>	500.000	512.867	985908.04	0.0877	P	1.3
7	<input type="checkbox"/>	1000.000	987.050	1886141.88	0.1687	A	0.9
8	<input type="checkbox"/>			2200.56	0.0002	P	4.0

$$y = 1.7088\text{E-}004 * x + 8.2466\text{E-}005$$

$$R = 0.9996$$

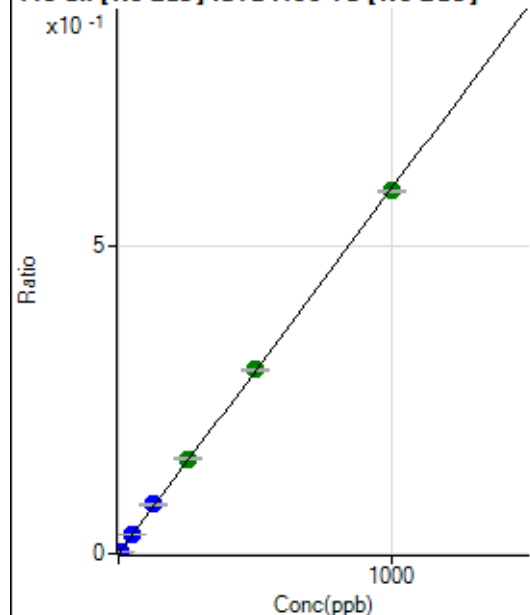
$$DL = 0.02529$$

$$BEC = 0.4826$$

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	<input type="checkbox"/>	0.000	0.000	811.14	0.0001	P	6.6
2	<input type="checkbox"/>	5.000	5.360	36867.10	0.0032	P	2.7
3	<input type="checkbox"/>	50.000	54.348	359304.44	0.0323	P	1.8
4	<input type="checkbox"/>	125.000	135.684	868522.44	0.0805	P	4.3
5	<input type="checkbox"/>	250.000	260.136	1695604.04	0.1542	A	1.6
6	<input type="checkbox"/>	500.000	503.804	3357094.88	0.2987	A	1.3
7	<input type="checkbox"/>	1000.000	994.009	6586083.65	0.5892	A	0.6
8	<input type="checkbox"/>			5981.30	0.0006	P	2.7

$$y = 5.9269\text{E-}004 * x + 7.0873\text{E-}005$$

$$R = 0.9999$$

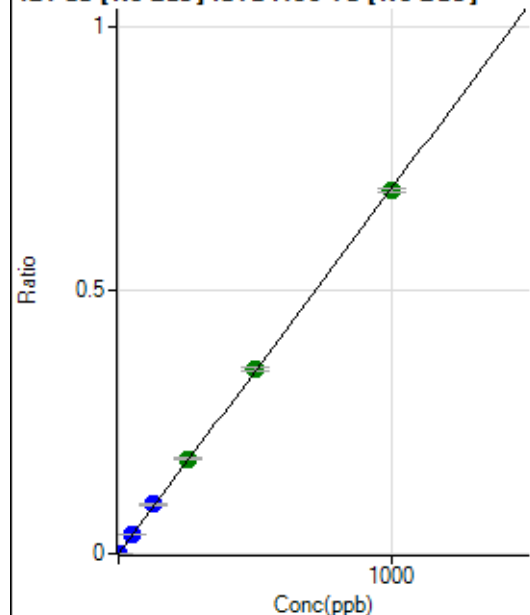
$$DL = 0.02368$$

$$BEC = 0.1196$$

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	<input type="checkbox"/>	0.000	0.000	184.45	0.0000	P	10.7
2	<input type="checkbox"/>	2.000	2.108	16767.65	0.0015	P	1.0
3	<input type="checkbox"/>	50.000	54.179	417951.29	0.0376	P	2.5
4	<input type="checkbox"/>	125.000	135.440	1012860.09	0.0939	P	3.9
5	<input type="checkbox"/>	250.000	260.096	1981181.71	0.1802	A	1.7
6	<input type="checkbox"/>	500.000	505.361	3935870.32	0.3502	A	1.5
7	<input type="checkbox"/>	1000.000	993.281	7692950.65	0.6882	A	1.1
8	<input type="checkbox"/>			7991.19	0.0008	P	3.2

$$y = 6.9285\text{E-}004 * x + 1.6120\text{E-}005$$

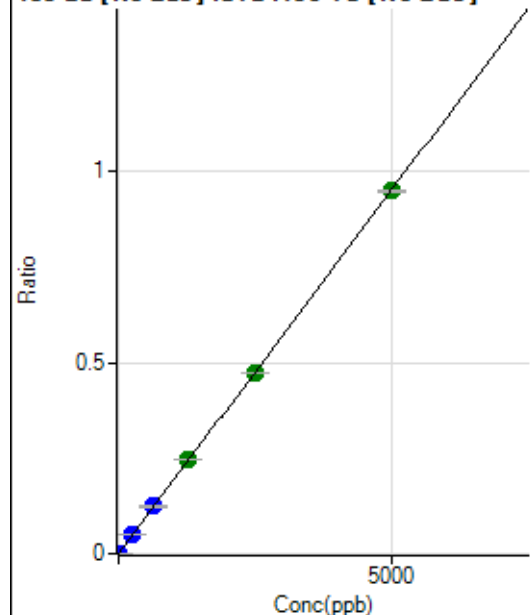
$$R = 0.9999$$

$$DL = 0.007473$$

$$BEC = 0.02327$$

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	<input type="checkbox"/>	0.000	0.000	24.44	0.0000	P	42.3
2	<input type="checkbox"/>	10.000	10.467	22641.39	0.0020	P	2.1
3	<input type="checkbox"/>	250.000	260.761	552334.90	0.0496	P	2.3
4	<input type="checkbox"/>	625.000	655.221	1345494.01	0.1247	P	4.5
5	<input type="checkbox"/>	1250.000	1298.729	2717153.16	0.2472	A	1.2
6	<input type="checkbox"/>	2500.000	2487.793	5321582.01	0.4735	A	0.6
7	<input type="checkbox"/>	5000.000	4989.605	10614151.09	0.9496	A	0.8
8	<input type="checkbox"/>			7284.16	0.0007	P	4.4

$$y = 1.9031\text{E-}004 * x + 2.1402\text{E-}006$$

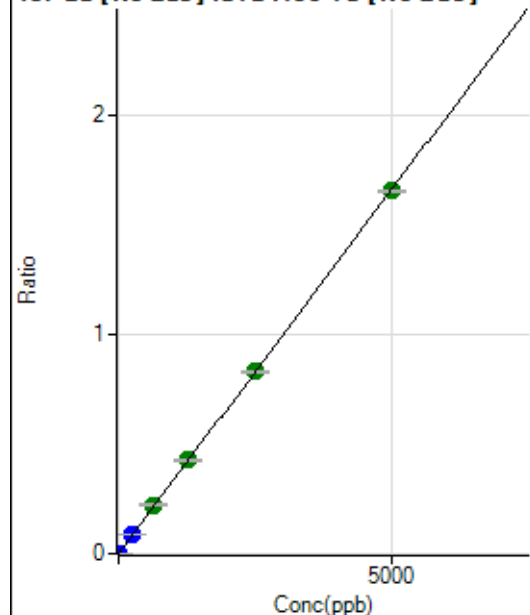
$$R = 0.9999$$

$$DL = 0.01427$$

$$BEC = 0.01125$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	50.00	0.0000	P	31.3
2	<input type="checkbox"/>	10.000	10.136	38242.45	0.0034	P	1.5
3	<input type="checkbox"/>	250.000	259.707	959208.07	0.0862	P	2.7
4	<input type="checkbox"/>	625.000	668.329	2392961.33	0.2218	A	4.8
5	<input type="checkbox"/>	1250.000	1284.034	4683972.74	0.4261	A	1.7
6	<input type="checkbox"/>	2500.000	2501.741	9331218.26	0.8302	A	1.0
7	<input type="checkbox"/>	5000.000	4984.719	18490506.81	1.6542	A	0.8
8	<input type="checkbox"/>			12711.34	0.0013	P	3.9

$$y = 3.3185\text{E-}004 * x + 4.3747\text{E-}006$$

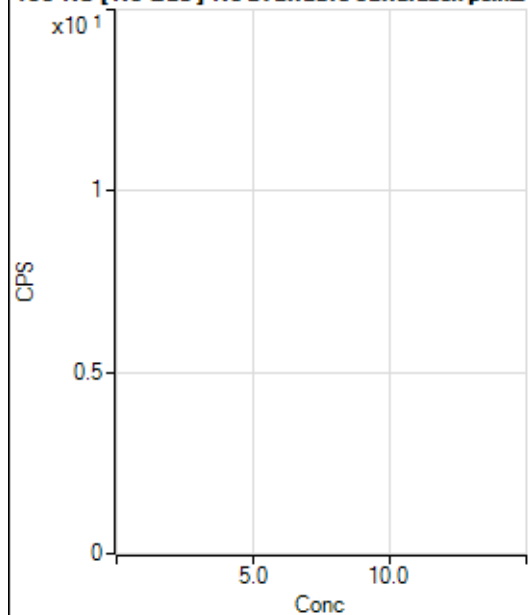
$$R = 0.9999$$

$$DL = 0.01237$$

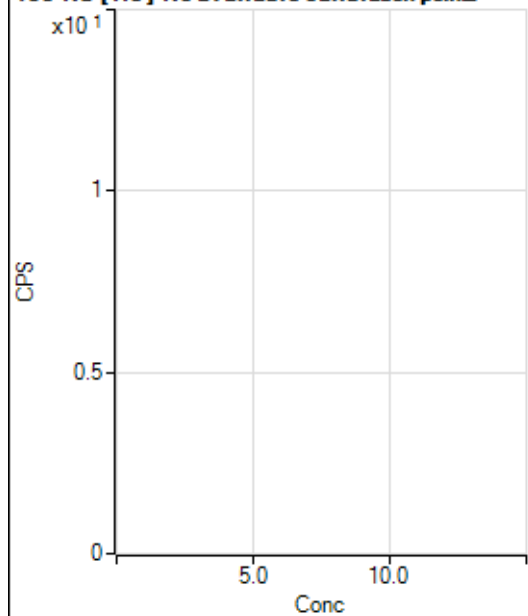
$$BEC = 0.01318$$

Weight: <None>

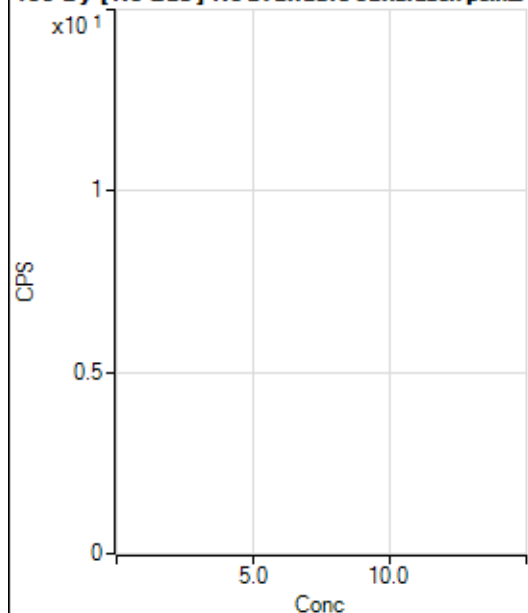
Min Conc: 0

150 Nd [No Gas] No available calibration points

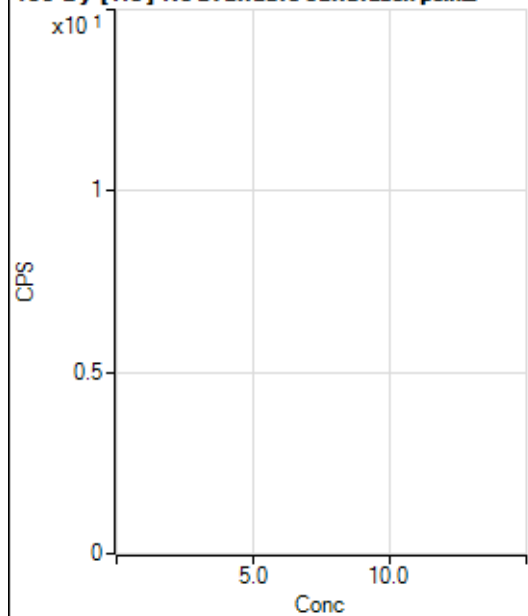
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			4.44		P	114.
2	<input type="checkbox"/>			7.78		P	65.5
3	<input type="checkbox"/>			62.22		P	11.1
4	<input type="checkbox"/>			121.11		P	1.6
5	<input type="checkbox"/>			237.78		P	8.2
6	<input type="checkbox"/>			504.46		P	3.1
7	<input type="checkbox"/>			971.16		P	11.3
8	<input type="checkbox"/>			337.79		P	19.6

150 Nd [He] No available calibration points

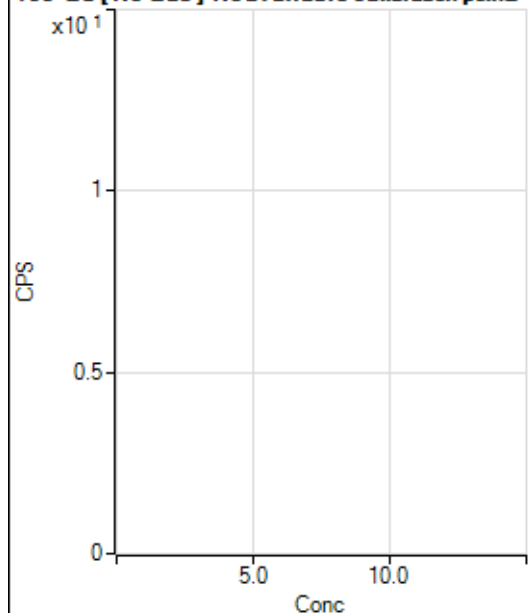
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			5.55		P	69.3
2	<input type="checkbox"/>			1.11		P	173.
3	<input type="checkbox"/>			21.11		P	9.1
4	<input type="checkbox"/>			32.22		P	36.3
5	<input type="checkbox"/>			54.44		P	23.2
6	<input type="checkbox"/>			115.56		P	16.7
7	<input type="checkbox"/>			194.45		P	20.3
8	<input type="checkbox"/>			166.67		P	10.4

156 Dy [No Gas] No available calibration points

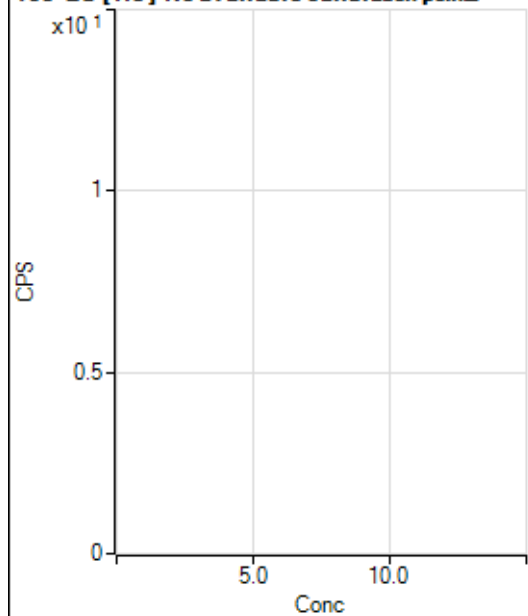
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			3.33		P	0.0
2	<input type="checkbox"/>			10.00		P	33.3
3	<input type="checkbox"/>			43.33		P	15.4
4	<input type="checkbox"/>			95.56		P	5.3
5	<input type="checkbox"/>			133.33		P	13.2
6	<input type="checkbox"/>			330.01		P	10.6
7	<input type="checkbox"/>			616.69		P	6.1
8	<input type="checkbox"/>			1807.92		P	4.3

156 Dy [He] No available calibration points

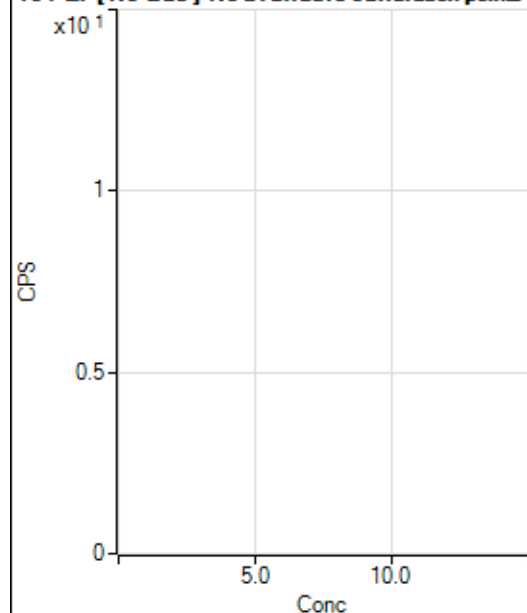
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			4.44		P	43.4
2	<input type="checkbox"/>			4.44		P	114.
3	<input type="checkbox"/>			41.11		P	36.6
4	<input type="checkbox"/>			97.78		P	8.6
5	<input type="checkbox"/>			170.00		P	22.1
6	<input type="checkbox"/>			375.57		P	9.1
7	<input type="checkbox"/>			735.58		P	10.1
8	<input type="checkbox"/>			1116.73		P	4.1

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

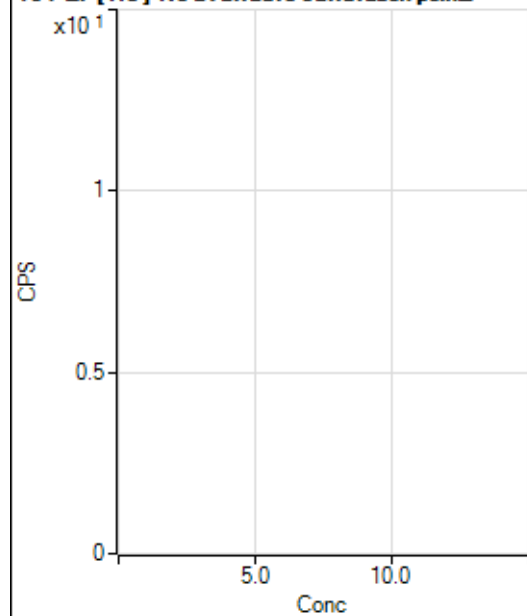
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			51.11		P	26.4
2	<input type="checkbox"/>			58.89		P	21.4
3	<input type="checkbox"/>			64.44		P	25.5
4	<input type="checkbox"/>			98.89		P	10.8
5	<input type="checkbox"/>			168.89		P	11.9
6	<input type="checkbox"/>			322.23		P	10.4
7	<input type="checkbox"/>			537.79		P	12.1
8	<input type="checkbox"/>			1896.82		P	4.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			365.56		P	7.6
2	<input type="checkbox"/>			374.45		P	6.9
3	<input type="checkbox"/>			363.34		P	7.9
4	<input type="checkbox"/>			361.12		P	14.1
5	<input type="checkbox"/>			427.79		P	3.0
6	<input type="checkbox"/>			462.23		P	5.5
7	<input type="checkbox"/>			663.36		P	3.8
8	<input type="checkbox"/>			1492.32		P	8.6

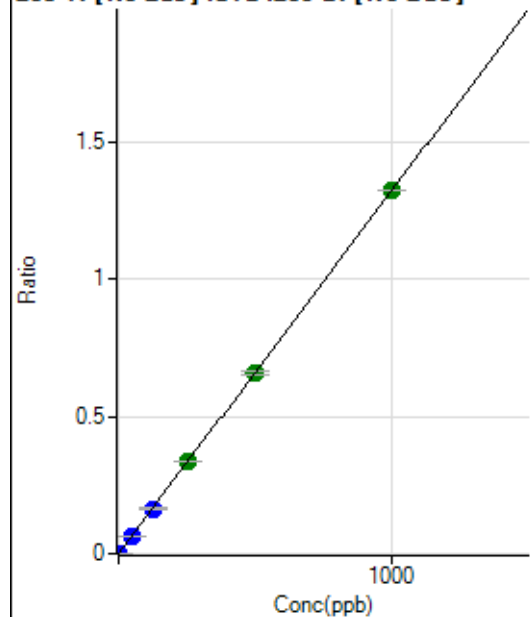
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			83.33		P	14.4
2	<input type="checkbox"/>			84.45		P	23.1
3	<input type="checkbox"/>			88.89		P	26.3
4	<input type="checkbox"/>			102.22		P	32.2
5	<input type="checkbox"/>			102.22		P	29.2
6	<input type="checkbox"/>			164.45		P	16.4
7	<input type="checkbox"/>			260.00		P	12.6
8	<input type="checkbox"/>			276.67		P	11.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			60.00		P	38.9
2	<input type="checkbox"/>			54.44		P	25.5
3	<input type="checkbox"/>			64.44		P	23.9
4	<input type="checkbox"/>			42.22		P	19.9
5	<input type="checkbox"/>			62.22		P	13.5
6	<input type="checkbox"/>			83.33		P	14.4
7	<input type="checkbox"/>			140.00		P	18.6
8	<input type="checkbox"/>			147.78		P	5.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	217.82	0.0000	P	86.1
2	<input type="checkbox"/>	1.000	0.918	8213.66	0.0012	P	1.6
3	<input type="checkbox"/>	50.000	47.972	411387.31	0.0634	P	2.2
4	<input type="checkbox"/>	125.000	123.852	1030676.43	0.1635	P	5.6
5	<input type="checkbox"/>	250.000	253.768	2178902.10	0.3351	A	1.1
6	<input type="checkbox"/>	500.000	498.091	4365972.19	0.6576	A	1.2
7	<input type="checkbox"/>	1000.000	1000.257	8532189.38	1.3206	A	0.1
8	<input type="checkbox"/>			3692.77	0.0007	P	13.0

$$y = 0.0013 * x + 3.3274E-005$$

$$R = 1.0000$$

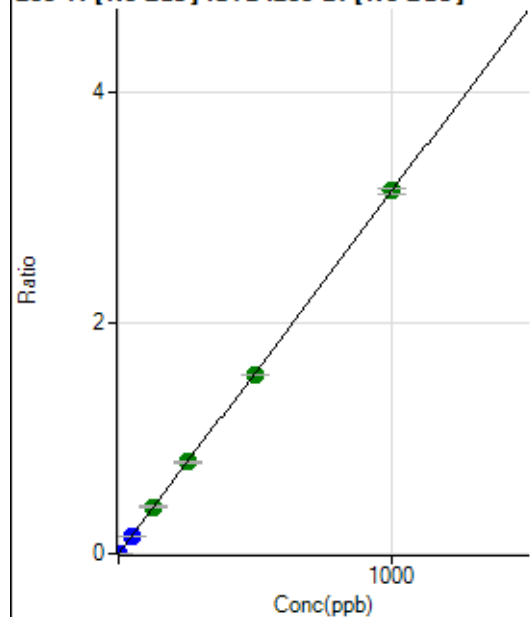
$$DL = 0.06508$$

$$BEC = 0.0252$$

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	<input type="checkbox"/>	0.000	0.000	590.34	0.0001	P	94.8
2	<input type="checkbox"/>	1.000	0.920	19636.49	0.0030	P	1.7
3	<input type="checkbox"/>	50.000	47.636	971156.01	0.1496	P	2.0
4	<input type="checkbox"/>	125.000	129.202	2556554.43	0.4056	A	4.9
5	<input type="checkbox"/>	250.000	252.761	5159456.17	0.7933	A	0.7
6	<input type="checkbox"/>	500.000	494.553	10304949.50	1.5522	A	0.6
7	<input type="checkbox"/>	1000.000	1001.626	20311324.97	3.1436	A	1.4
8	<input type="checkbox"/>			8751.82	0.0016	P	9.2

$$y = 0.0031 * x + 9.0191E-005$$

$$R = 1.0000$$

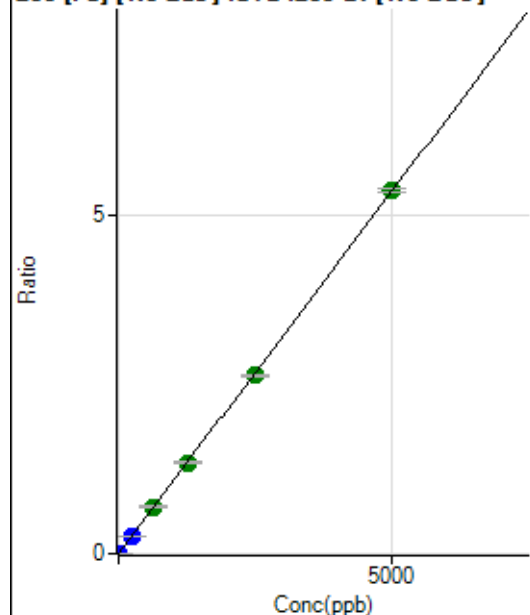
$$DL = 0.08172$$

$$BEC = 0.02874$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	760.21	0.0001	P	54.7
2	<input type="checkbox"/>	1.000	0.870	6890.70	0.0010	P	2.7
3	<input type="checkbox"/>	250.000	238.635	1654310.56	0.2548	P	2.5
4	<input type="checkbox"/>	625.000	644.043	4332615.28	0.6876	A	5.9
5	<input type="checkbox"/>	1250.000	1258.105	8734220.01	1.3430	A	0.8
6	<input type="checkbox"/>	2500.000	2466.514	17479497.38	2.6328	A	0.8
7	<input type="checkbox"/>	5000.000	5012.905	34571725.87	5.3508	A	1.0
8	<input type="checkbox"/>			19784.55	0.0037	P	5.4

$$y = 0.0011 * x + 1.1604E-004$$

$$R = 1.0000$$

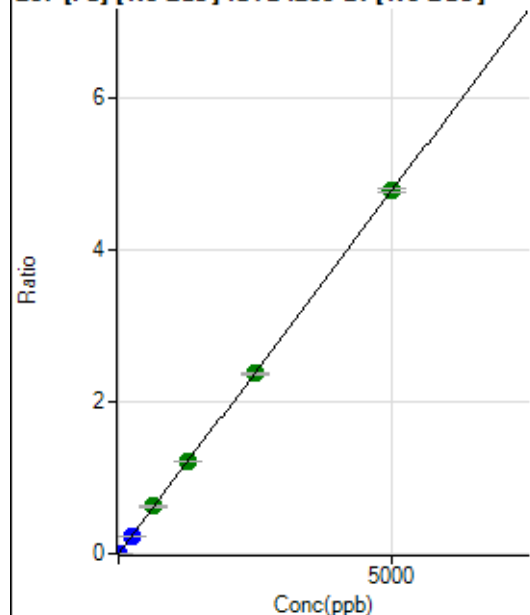
$$DL = 0.1785$$

$$BEC = 0.1087$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	536.71	0.0001	P	37.3
2	<input type="checkbox"/>	1.000	0.864	5972.49	0.0009	P	3.5
3	<input type="checkbox"/>	250.000	237.258	1468647.71	0.2262	P	1.9
4	<input type="checkbox"/>	625.000	651.690	3915528.24	0.6212	A	5.1
5	<input type="checkbox"/>	1250.000	1266.089	7849043.08	1.2068	A	0.0
6	<input type="checkbox"/>	2500.000	2479.617	15690817.55	2.3634	A	0.3
7	<input type="checkbox"/>	5000.000	5003.470	30812188.15	4.7689	A	1.1
8	<input type="checkbox"/>			17193.21	0.0032	P	3.8

$$y = 9.5310E-004 * x + 8.1881E-005$$

$$R = 1.0000$$

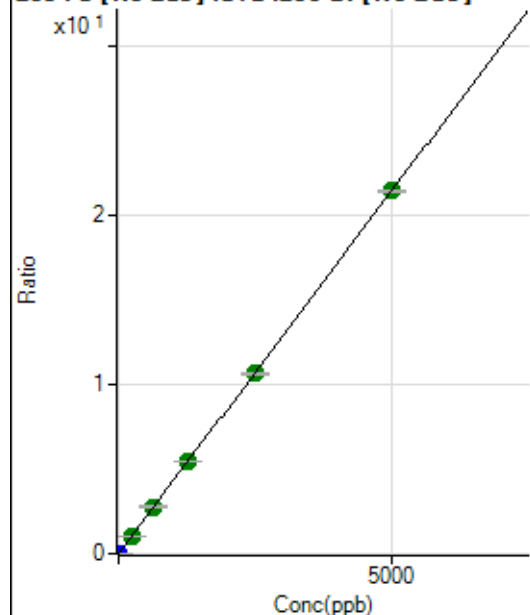
$$DL = 0.09625$$

$$BEC = 0.08591$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	2623.78	0.0004	P	33.8
2	<input type="checkbox"/>	1.000	0.876	27411.06	0.0042	P	1.0
3	<input type="checkbox"/>	250.000	245.651	6837043.32	1.0531	A	2.2
4	<input type="checkbox"/>	625.000	647.012	17480517.27	2.7731	A	5.0
5	<input type="checkbox"/>	1250.000	1262.517	35190599.34	5.4108	A	0.4
6	<input type="checkbox"/>	2500.000	2482.666	70637061.31	10.6396	A	0.6
7	<input type="checkbox"/>	5000.000	5003.004	138522911.2	21.4403	A	0.8
8	<input type="checkbox"/>			78606.07	0.0148	P	4.4

$$y = 0.0043 * x + 4.0029E-004$$

$$R = 1.0000$$

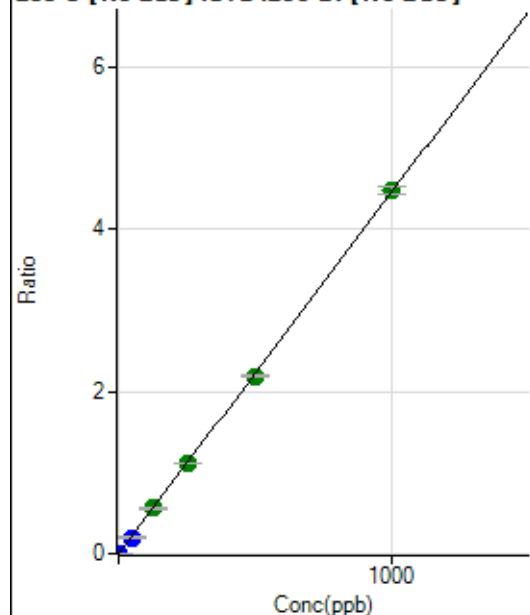
$$DL = 0.09471$$

$$BEC = 0.09341$$

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	<input type="checkbox"/>	0.000	0.000	256.78	0.0000	P	121.
2	<input type="checkbox"/>	1.000	0.855	25363.05	0.0038	P	1.6
3	<input type="checkbox"/>	50.000	44.978	1299576.86	0.2002	P	2.3
4	<input type="checkbox"/>	125.000	125.713	3527355.54	0.5594	A	4.4
5	<input type="checkbox"/>	250.000	250.968	7263227.39	1.1168	A	1.0
6	<input type="checkbox"/>	500.000	491.570	14522315.34	2.1874	A	1.3
7	<input type="checkbox"/>	1000.000	1004.135	28871887.35	4.4682	A	2.2
8	<input type="checkbox"/>			12090.04	0.0023	P	5.9

$$y = 0.0044 * x + 3.9253E-005$$

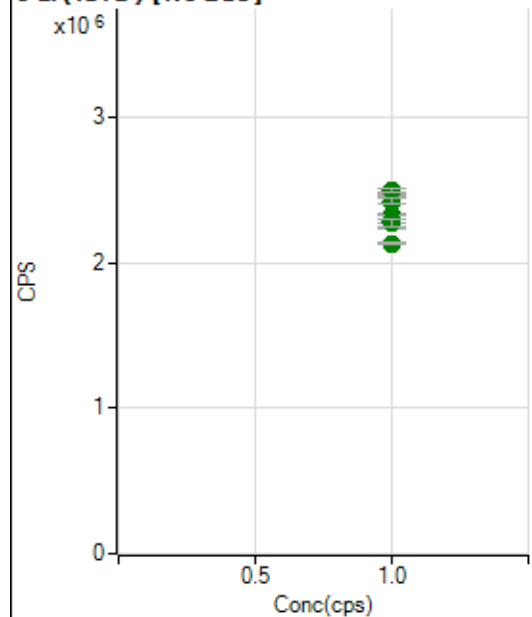
$$R = 0.9999$$

$$DL = 0.03222$$

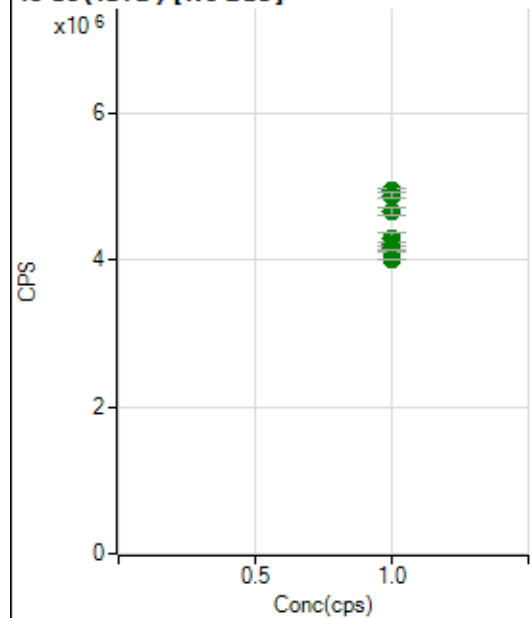
$$BEC = 0.008821$$

Weight: <None>

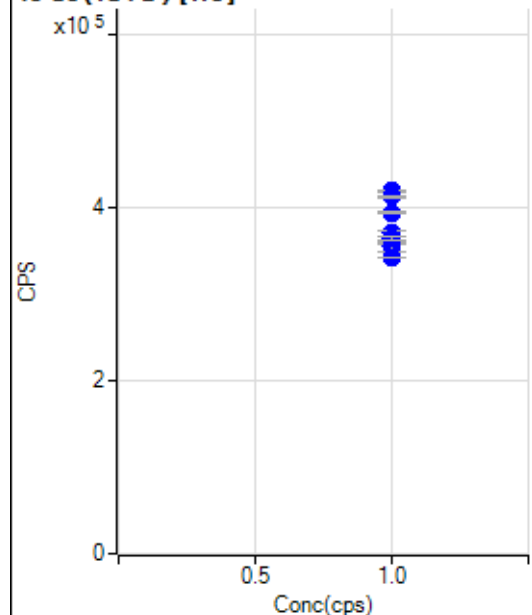
Min Conc: 0

6 Li (ISTD) [No Gas]

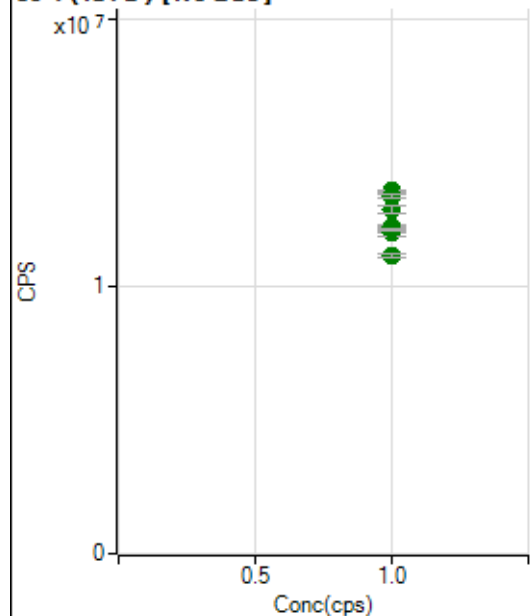
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2466394.91		A	0.7
2	<input type="checkbox"/>	1.000		2496140.54		A	1.1
3	<input type="checkbox"/>	1.000		2425710.28		A	1.6
4	<input type="checkbox"/>	1.000		2289356.79		A	4.2
5	<input type="checkbox"/>	1.000		2327580.75		A	0.2
6	<input type="checkbox"/>	1.000		2289385.33		A	0.7
7	<input type="checkbox"/>	1.000		2277660.65		A	2.2
8	<input type="checkbox"/>	1.000		2135257.31		A	1.0

45 Sc (ISTD) [No Gas]

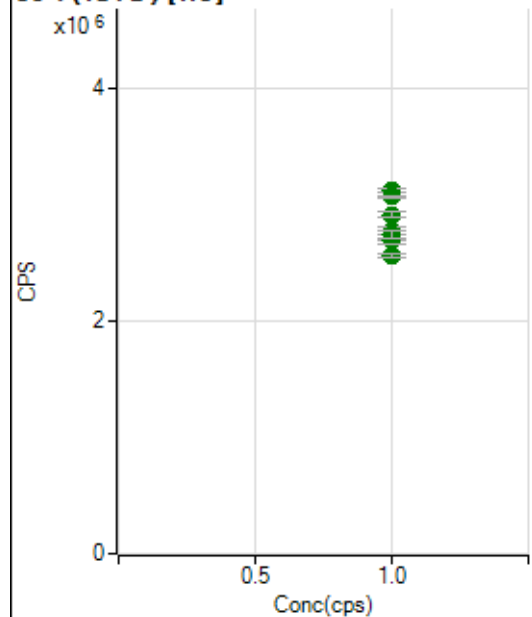
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4941467.11		A	1.0
2	<input type="checkbox"/>	1.000		4883860.24		A	1.4
3	<input type="checkbox"/>	1.000		4663742.29		A	1.8
4	<input type="checkbox"/>	1.000		4288069.10		A	4.0
5	<input type="checkbox"/>	1.000		4215868.90		A	1.3
6	<input type="checkbox"/>	1.000		4170211.29		A	1.2
7	<input type="checkbox"/>	1.000		4131943.76		A	0.4
8	<input type="checkbox"/>	1.000		4006513.76		A	0.5

45 Sc (ISTD) [He]

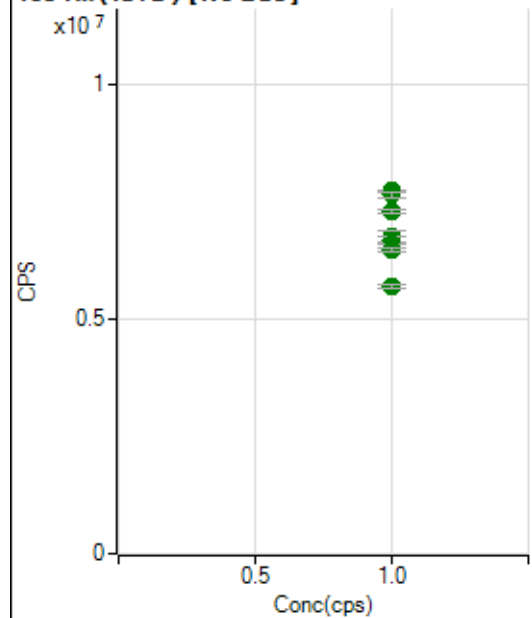
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		418764.13		P	0.2
2	<input type="checkbox"/>	1.000		412320.74		P	0.8
3	<input type="checkbox"/>	1.000		393682.12		P	0.8
4	<input type="checkbox"/>	1.000		370223.17		P	1.7
5	<input type="checkbox"/>	1.000		365452.17		P	4.3
6	<input type="checkbox"/>	1.000		354787.87		P	3.2
7	<input type="checkbox"/>	1.000		363738.60		P	0.8
8	<input type="checkbox"/>	1.000		342623.81		P	0.1

89 Y (ISTD) [No Gas]

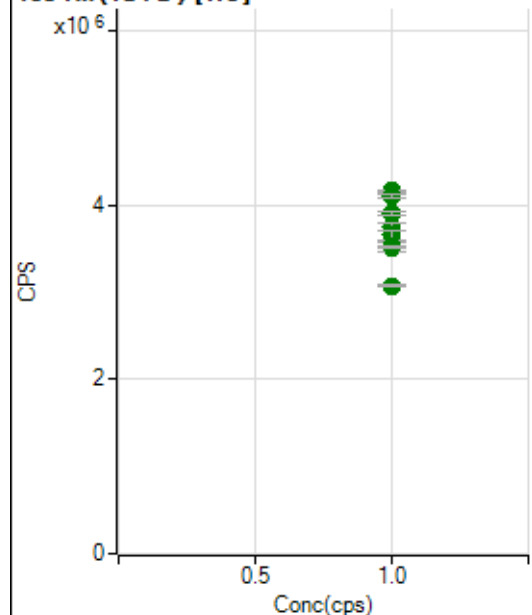
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		13597448.83		A	0.8
2	<input type="checkbox"/>	1.000		13408677.44		A	1.1
3	<input type="checkbox"/>	1.000		12885817.86		A	2.0
4	<input type="checkbox"/>	1.000		12177452.46		A	2.9
5	<input type="checkbox"/>	1.000		12057589.27		A	2.9
6	<input type="checkbox"/>	1.000		12222076.35		A	1.3
7	<input type="checkbox"/>	1.000		12168850.38		A	0.5
8	<input type="checkbox"/>	1.000		11187774.55		A	1.6

89 Y(ISTD) [He]

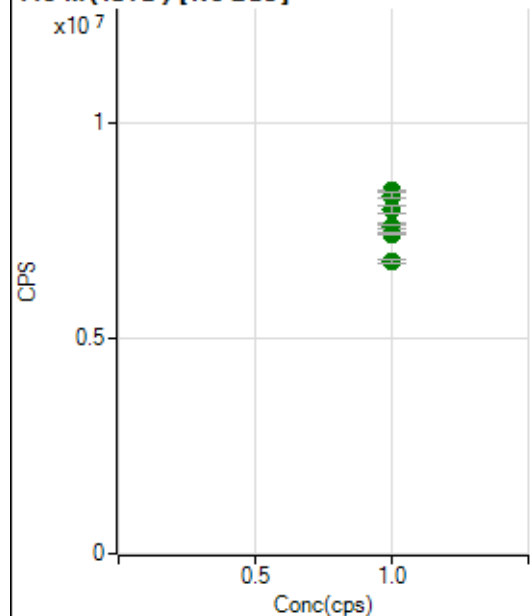
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3117551.03		A	1.0
2	<input type="checkbox"/>	1.000		3066982.18		A	0.2
3	<input type="checkbox"/>	1.000		2914390.03		A	1.8
4	<input type="checkbox"/>	1.000		2774029.82		A	2.3
5	<input type="checkbox"/>	1.000		2738725.10		A	3.0
6	<input type="checkbox"/>	1.000		2701290.25		A	2.9
7	<input type="checkbox"/>	1.000		2741583.40		A	1.9
8	<input type="checkbox"/>	1.000		2562304.87		A	0.9

103 Rh(ISTD) [No Gas]

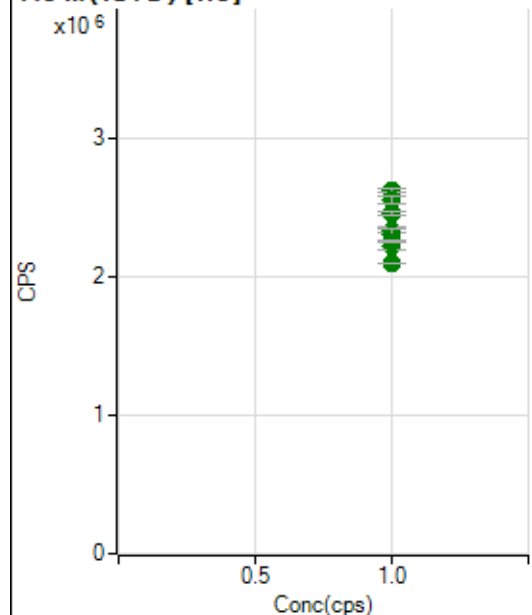
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		7742000.09		A	0.8
2	<input type="checkbox"/>	1.000		7655088.15		A	1.2
3	<input type="checkbox"/>	1.000		7323627.95		A	1.1
4	<input type="checkbox"/>	1.000		6763141.15		A	3.8
5	<input type="checkbox"/>	1.000		6683241.29		A	2.4
6	<input type="checkbox"/>	1.000		6611786.29		A	0.2
7	<input type="checkbox"/>	1.000		6489047.40		A	1.1
8	<input type="checkbox"/>	1.000		5702516.65		A	1.2

103 Rh (ISTD) [He]

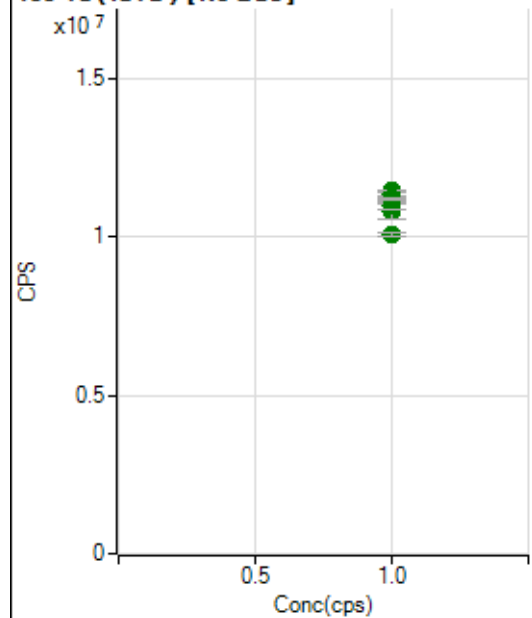
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4166867.26		A	0.4
2	<input type="checkbox"/>	1.000		4104927.58		A	0.8
3	<input type="checkbox"/>	1.000		3901645.29		A	1.0
4	<input type="checkbox"/>	1.000		3754448.66		A	2.1
5	<input type="checkbox"/>	1.000		3658325.43		A	3.4
6	<input type="checkbox"/>	1.000		3514362.86		A	3.3
7	<input type="checkbox"/>	1.000		3530802.52		A	0.6
8	<input type="checkbox"/>	1.000		3078989.54		A	0.5

115 In (ISTD) [No Gas]

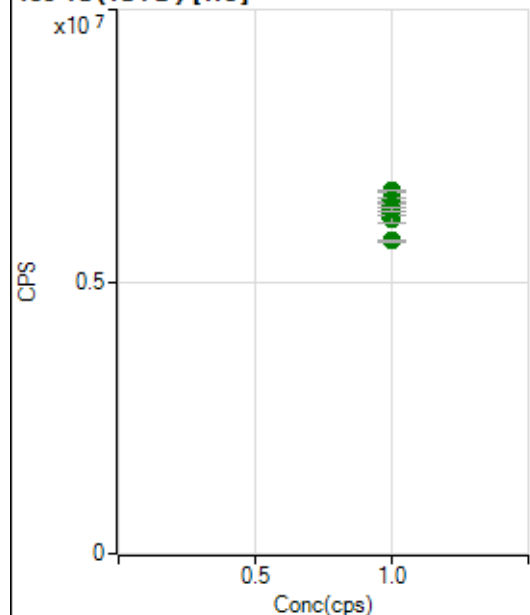
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8412059.62		A	0.4
2	<input type="checkbox"/>	1.000		8301917.33		A	1.6
3	<input type="checkbox"/>	1.000		7994921.17		A	2.1
4	<input type="checkbox"/>	1.000		7538282.03		A	3.7
5	<input type="checkbox"/>	1.000		7522035.42		A	2.6
6	<input type="checkbox"/>	1.000		7585259.16		A	1.2
7	<input type="checkbox"/>	1.000		7414722.56		A	0.8
8	<input type="checkbox"/>	1.000		6767546.44		A	1.5

115 In (ISTD) [He]

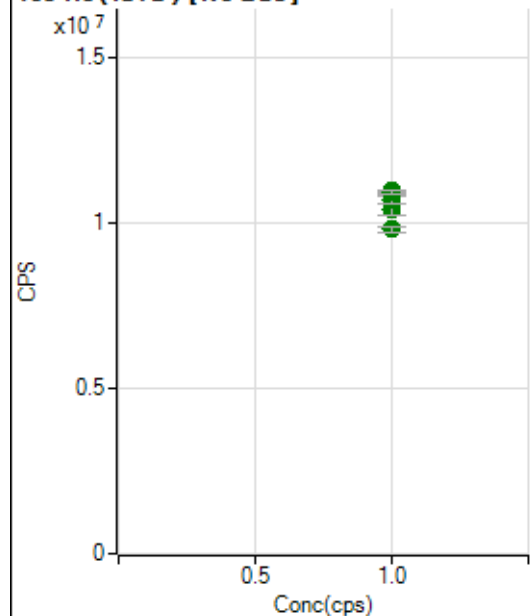
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2617983.75		A	0.9
2	<input type="checkbox"/>	1.000		2554087.33		A	2.1
3	<input type="checkbox"/>	1.000		2455778.72		A	0.7
4	<input type="checkbox"/>	1.000		2336523.26		A	1.9
5	<input type="checkbox"/>	1.000		2301657.57		A	3.5
6	<input type="checkbox"/>	1.000		2220488.28		A	2.6
7	<input type="checkbox"/>	1.000		2253595.06		A	0.6
8	<input type="checkbox"/>	1.000		2096477.93		A	0.4

159 Tb (ISTD) [No Gas]

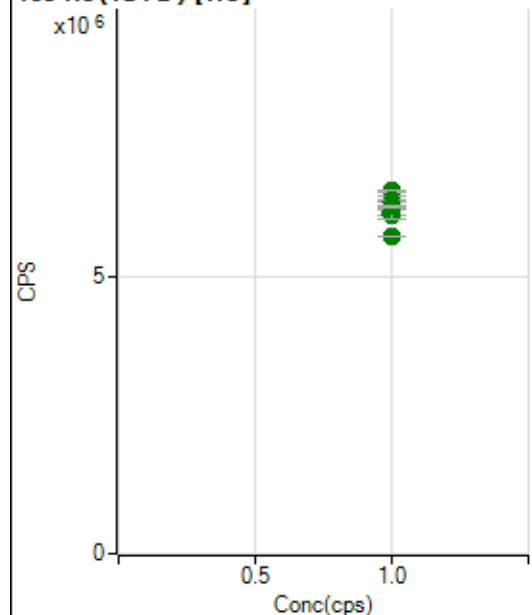
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		11449231.63		A	0.9
2	<input type="checkbox"/>	1.000		11356385.80		A	1.8
3	<input type="checkbox"/>	1.000		11132125.80		A	1.5
4	<input type="checkbox"/>	1.000		10803259.15		A	4.1
5	<input type="checkbox"/>	1.000		10995441.64		A	2.5
6	<input type="checkbox"/>	1.000		11240024.69		A	0.7
7	<input type="checkbox"/>	1.000		11177597.47		A	0.7
8	<input type="checkbox"/>	1.000		10058963.88		A	1.0

159 Tb (ISTD) [He]

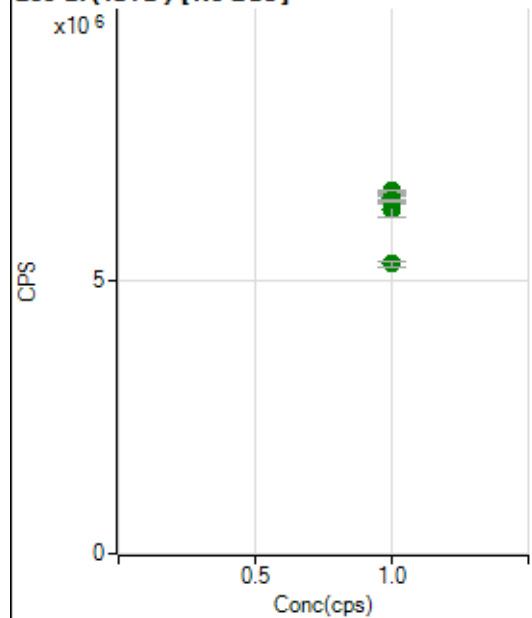
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6667693.72		A	0.5
2	<input type="checkbox"/>	1.000		6509090.67		A	0.8
3	<input type="checkbox"/>	1.000		6398719.63		A	0.7
4	<input type="checkbox"/>	1.000		6255269.56		A	1.6
5	<input type="checkbox"/>	1.000		6191940.88		A	3.7
6	<input type="checkbox"/>	1.000		6152296.58		A	2.7
7	<input type="checkbox"/>	1.000		6324963.45		A	0.7
8	<input type="checkbox"/>	1.000		5745073.39		A	0.8

165 Ho (ISTD) [No Gas]

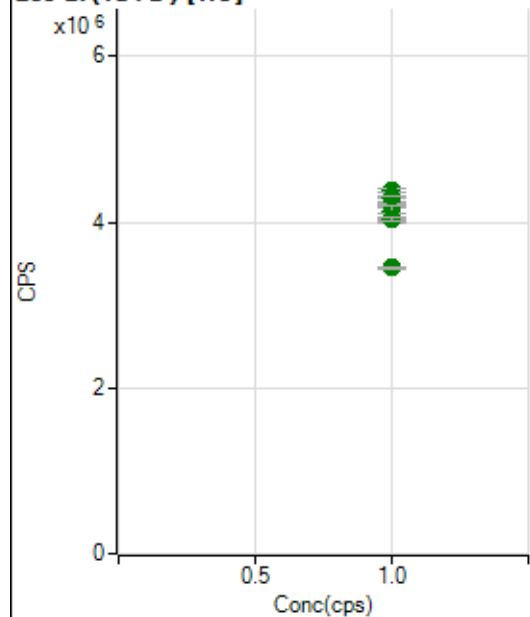
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		10982607.06		A	0.9
2	<input type="checkbox"/>	1.000		10939995.12		A	0.7
3	<input type="checkbox"/>	1.000		10724049.29		A	2.1
4	<input type="checkbox"/>	1.000		10414561.58		A	3.8
5	<input type="checkbox"/>	1.000		10733765.33		A	2.2
6	<input type="checkbox"/>	1.000		10952951.36		A	0.4
7	<input type="checkbox"/>	1.000		10943572.61		A	1.5
8	<input type="checkbox"/>	1.000		9823189.23		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6559660.87		A	0.6
2	<input type="checkbox"/>	1.000		6406121.02		A	1.4
3	<input type="checkbox"/>	1.000		6348512.68		A	1.3
4	<input type="checkbox"/>	1.000		6202464.63		A	2.4
5	<input type="checkbox"/>	1.000		6130692.48		A	2.7
6	<input type="checkbox"/>	1.000		6137612.27		A	3.0
7	<input type="checkbox"/>	1.000		6283997.13		A	0.8
8	<input type="checkbox"/>	1.000		5727732.41		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6559123.65		A	0.6
2	<input type="checkbox"/>	1.000		6596335.52		A	1.1
3	<input type="checkbox"/>	1.000		6494370.67		A	2.4
4	<input type="checkbox"/>	1.000		6313937.54		A	5.0
5	<input type="checkbox"/>	1.000		6504103.79		A	2.4
6	<input type="checkbox"/>	1.000		6639118.03		A	0.3
7	<input type="checkbox"/>	1.000		6460835.60		A	0.9
8	<input type="checkbox"/>	1.000		5301336.69		A	2.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4377145.11		A	1.1
2	<input type="checkbox"/>	1.000		4325656.22		A	1.1
3	<input type="checkbox"/>	1.000		4281867.75		A	1.5
4	<input type="checkbox"/>	1.000		4198293.72		A	0.8
5	<input type="checkbox"/>	1.000		4118979.14		A	4.1
6	<input type="checkbox"/>	1.000		4047552.37		A	3.1
7	<input type="checkbox"/>	1.000		4036320.88		A	0.9
8	<input type="checkbox"/>	1.000		3450365.89		A	0.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7121223 MS.b
Acq. Date-Time 2023-12-12 14:03:52
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		17123	171233.15			0.670	5.000
24		78874	788740.77			1.010	5.000
25		10301	103005.40			0.552	5.000
26		12011	120109.14			0.436	5.000
59		87939	879388.51			0.756	5.000
113		12120	121201.96			0.819	5.000
115		145694	1456941.39			0.734	5.000
206		32469	324687.82			0.701	5.000
207		28884	288843.73			0.980	5.000
208		69262	692623.12			0.820	5.000
220		0	3.00			31.181	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

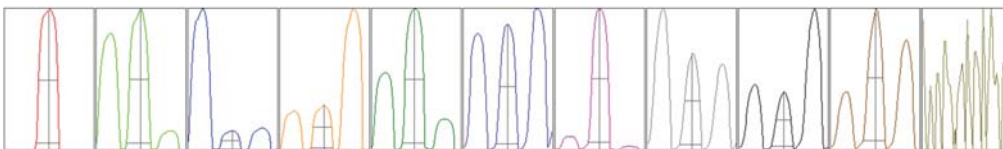
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	17220	17202	17105	17156	16934
24	77858	79670	78302	79611	78929
25	10227	10293	10363	10351	10269
26	11970	11983	11983	12098	12020
59	88024	87474	88990	87277	87930
113	12249	12130	12059	12171	11992
115	146859	145992	146003	145665	143953
206	32855	32329	32378	32486	32297
207	29344	28651	28870	28904	28652
208	70158	69118	68703	69428	68905

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	27998.33	9.00	8.90 - 9.10	
24	131309.59	24.00	23.90 - 24.10	
25	17557.85	25.00	24.90 - 25.10	
26	20324.32	26.00	25.90 - 26.10	
59	146394.07	58.95	58.90 - 59.10	
113	23222.61	113.00	112.90 - 113.10	
115	270037.94	115.00	114.90 - 115.10	
206	65428.02	206.05	205.90 - 206.10	
207	58305.85	207.05	206.90 - 207.10	
208	140021.45	208.05	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.771	0.900	
24	0.63	0.817	0.900	
25	0.61	0.739	0.900	
26	0.62	0.741	0.900	
59	0.62	0.757	0.900	
113	0.53	0.739	0.900	
115	0.55	0.727	0.900	
206	0.50	0.742	0.900	
207	0.50	0.737	0.900	
208	0.51	0.745	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.0 V	Deflect	15.0 V
Extract 2	-130.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.13		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	1.0 mm
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EM

Discriminator	4.6 mV	Analog HV	2301 V	Pulse HV	1377 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		27610	276104.97			3.959	
89		35508	355082.56			4.176	
205		29846	298464.41			2.994	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	29096	26028	27463	27812	27654
89	37615	33514	34973	35698	35740
205	31057	28535	29815	29927	29898

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.4 V	Deflect	2.4 V
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US EPA Tune Check Report

Extract 2	-100.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-55 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.13		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	1.0 mm
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EM

Discriminator	4.6 mV	Analog HV	2301 V	Pulse HV	1377 V
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