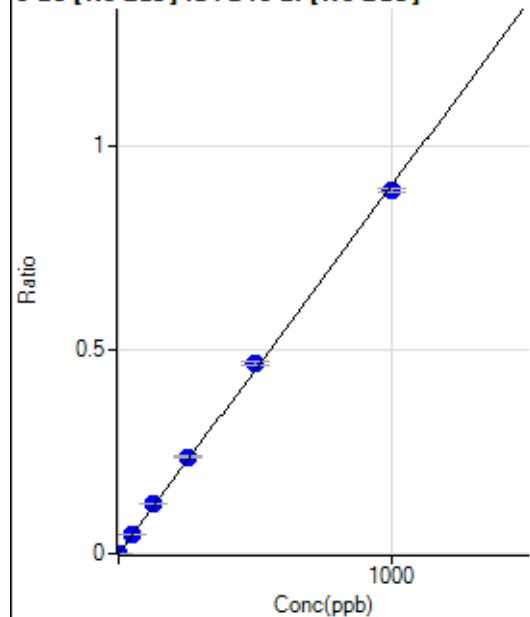


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7071424-MSA.b\
 Analysis File: P7071424-MSA.batch.bin
 DA Date-Time: 2024-07-15 02:13:23
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-07-14 17:17:56
2	005CALS.d	S02	2024-07-14 17:21:16
3	006CALS.d	S03	2024-07-14 17:24:37
4	007CALS.d	S04	2024-07-14 17:27:53
5	008CALS.d	S05	2024-07-14 17:31:03
6	009CALS.d	S06	2024-07-14 17:34:05
7	010CALS.d	S07	2024-07-14 17:37:02
8	011CALS.d	S08	2024-07-14 17:39:54

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	37.78	0.0001	P	30.9
2	<input type="checkbox"/>	1.000	1.134	668.91	0.0011	P	6.7
3	<input type="checkbox"/>	50.000	53.934	30582.34	0.0488	P	0.6
4	<input type="checkbox"/>	125.000	135.595	74862.18	0.1226	P	0.6
5	<input type="checkbox"/>	250.000	263.810	143814.47	0.2385	P	1.0
6	<input type="checkbox"/>	500.000	517.474	280418.39	0.4677	P	2.8
7	<input type="checkbox"/>	1000.000	986.289	540128.72	0.8913	P	1.2
8	<input type="checkbox"/>			515.57	0.0008	P	25.8

$$y = 9.0365E-004 * x + 6.2889E-005$$

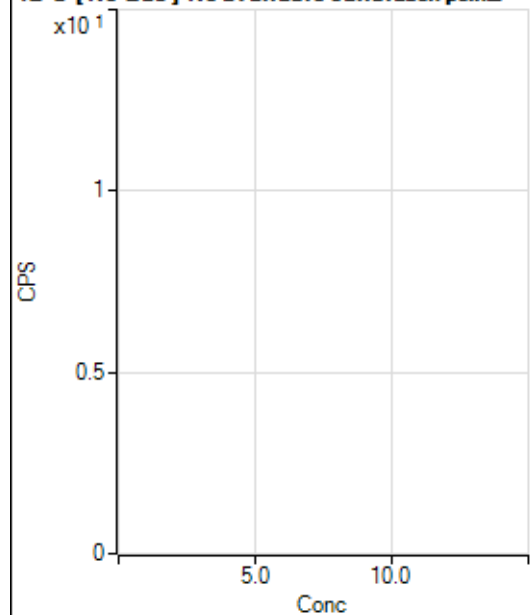
$$R = 0.9996$$

$$DL = 0.06459$$

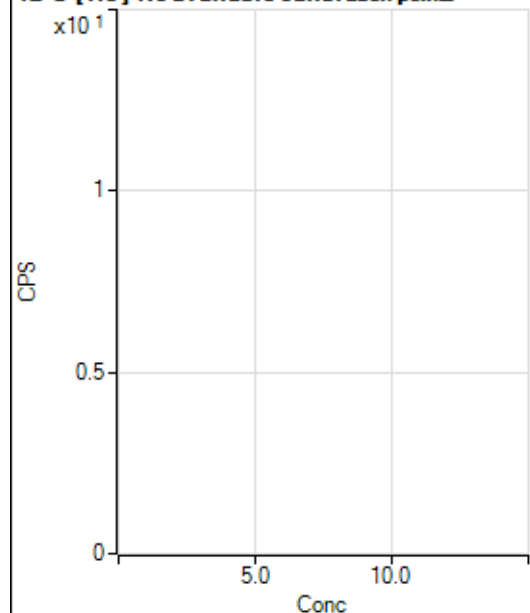
$$BEC = 0.06959$$

Weight: <None>

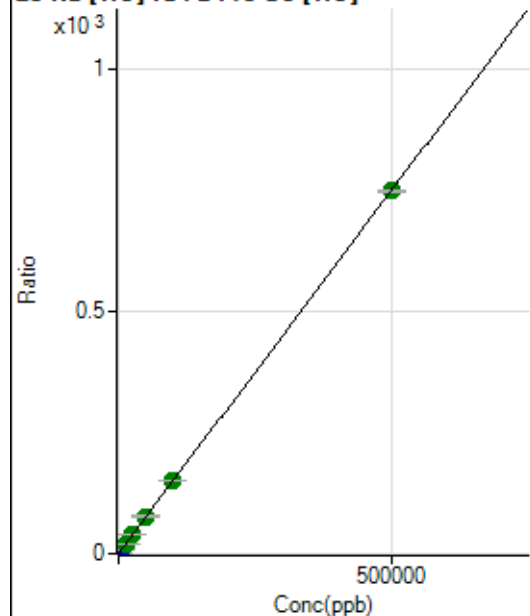
Min Conc: 0

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	8439.06	0.0683	P	1.2
2	<input type="checkbox"/>	500.000	518.599	106576.45	0.8445	P	0.7
3	<input type="checkbox"/>	5000.000	5456.297	1017707.35	8.2343	P	0.8
4	<input type="checkbox"/>	12500.000	13101.938	2345459.57	19.6768	A	1.1
5	<input type="checkbox"/>	25000.000	25644.621	4546544.06	38.4482	A	1.7
6	<input type="checkbox"/>	50000.000	51508.575	8980524.10	77.1563	A	0.4
7	<input type="checkbox"/>	100000.00	101615.94	17394044.05	152.1473	A	0.3
8	<input type="checkbox"/>	500000.00	499474.09	86048997.61	747.5837	A	0.7

$$y = 0.0015 * x + 0.0683$$

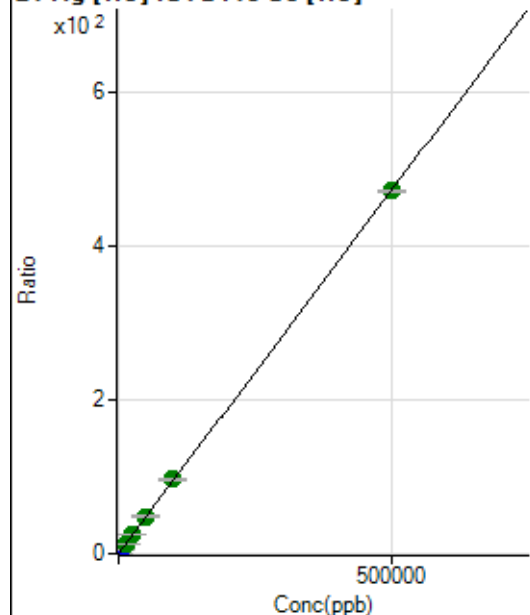
$$R = 1.0000$$

$$DL = 1.671$$

$$BEC = 45.67$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1681.22	0.0136	P	7.9
2	<input type="checkbox"/>	500.000	518.065	63473.46	0.5029	P	1.0
3	<input type="checkbox"/>	5000.000	5527.115	646911.46	5.2341	P	0.9
4	<input type="checkbox"/>	12500.000	13234.804	1491737.09	12.5143	A	0.5
5	<input type="checkbox"/>	25000.000	25774.077	2880470.86	24.3580	A	1.5
6	<input type="checkbox"/>	50000.000	51527.297	5666194.08	48.6827	A	0.7
7	<input type="checkbox"/>	100000.00	102200.59	11037093.17	96.5451	A	1.1
8	<input type="checkbox"/>	500000.00	499344.78	54290883.63	471.6597	A	0.5

$$y = 9.4453\text{E-}004 * x + 0.0136$$

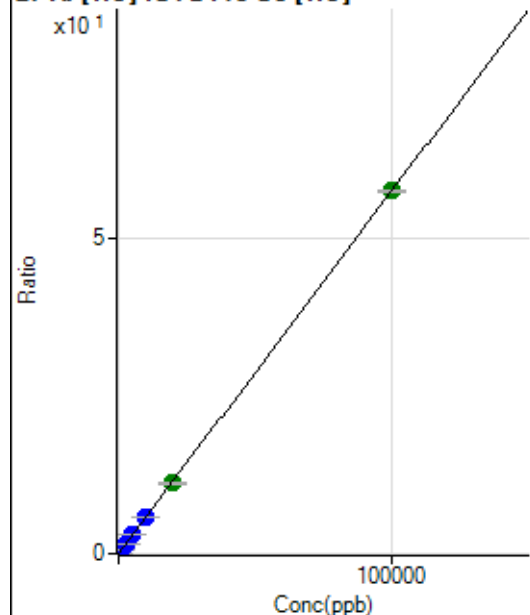
$$R = 1.0000$$

$$DL = 3.4$$

$$BEC = 14.41$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	178.89	0.0014	P	5.5
2	<input type="checkbox"/>	20.000	18.500	1527.87	0.0121	P	4.8
3	<input type="checkbox"/>	1000.000	1049.243	74896.98	0.6060	P	0.9
4	<input type="checkbox"/>	2500.000	2585.403	177735.12	1.4910	P	0.5
5	<input type="checkbox"/>	5000.000	5106.914	348117.87	2.9438	P	1.1
6	<input type="checkbox"/>	10000.000	10154.004	681088.66	5.8517	P	0.5
7	<input type="checkbox"/>	20000.000	19392.011	1277523.27	11.1743	A	0.8
8	<input type="checkbox"/>	100000.00	100098.22	6638420.94	57.6736	A	0.9

$$y = 5.7616\text{E-}004 * x + 0.0014$$

$$R = 1.0000$$

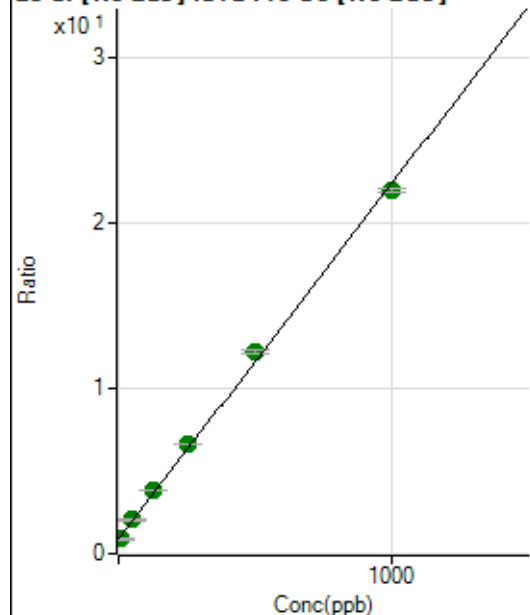
$$DL = 0.4132$$

$$BEC = 2.514$$

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	1383849.06	0.8896	A	7.1
2	<input type="checkbox"/>	10.000	-0.629	1387400.73	0.8761	A	3.5
3	<input type="checkbox"/>	50.000	53.443	3268988.63	2.0386	A	0.5
4	<input type="checkbox"/>	125.000	136.727	5990498.52	3.8292	A	1.4
5	<input type="checkbox"/>	250.000	267.093	10157664.02	6.6320	A	1.1
6	<input type="checkbox"/>	500.000	528.022	18361167.92	12.2418	A	2.5
7	<input type="checkbox"/>	1000.000	980.184	33384145.89	21.9630	A	1.2
8	<input type="checkbox"/>			1511033.37	1.0226	A	1.2

$$y = 0.0215 * x + 0.8896$$

$$R = 0.9990$$

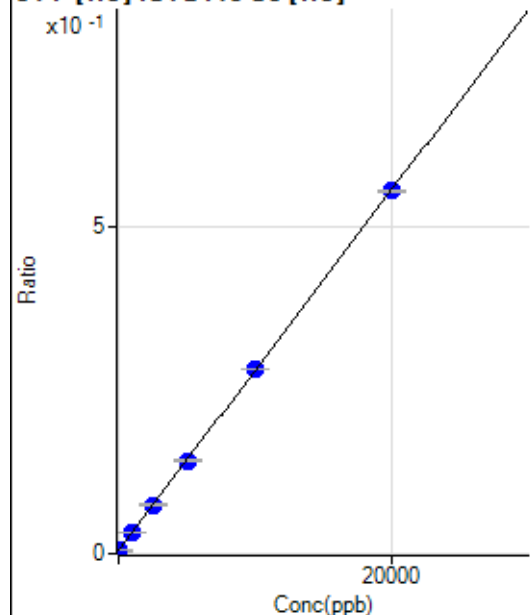
$$DL = 8.774$$

$$BEC = 41.38$$

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	-17.162	508.91	0.0041	P	12.1
2	<input type="checkbox"/>	0.000	17.162	640.02	0.0051	P	8.3
3	<input type="checkbox"/>	1000.000	1022.169	4062.80	0.0329	P	3.7
4	<input type="checkbox"/>	2500.000	2545.084	8937.12	0.0750	P	1.5
5	<input type="checkbox"/>	5000.000	4996.542	16883.83	0.1428	P	0.9
6	<input type="checkbox"/>	10000.000	10071.963	32952.08	0.2831	P	0.4
7	<input type="checkbox"/>	20000.000	19958.139	63620.28	0.5565	P	0.5
8	<input type="checkbox"/>			523.35	0.0045	P	5.0

$$y = 2.7653E-005 * x + 0.0046$$

$$R = 1.0000$$

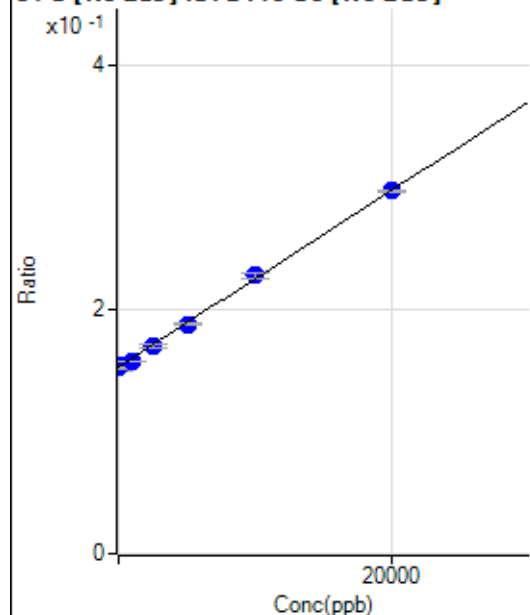
$$DL = 50.02$$

$$BEC = 166.2$$

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	128.622	239824.93	0.1541	P	5.2
2	<input type="checkbox"/>	0.000	-128.622	241019.69	0.1522	P	1.0
3	<input type="checkbox"/>	1000.000	622.226	252794.30	0.1576	P	0.7
4	<input type="checkbox"/>	2500.000	2414.156	266930.81	0.1706	P	1.4
5	<input type="checkbox"/>	5000.000	4775.420	287520.86	0.1877	P	0.9
6	<input type="checkbox"/>	10000.000	10331.962	341923.77	0.2279	P	1.9
7	<input type="checkbox"/>	20000.000	19919.783	452004.34	0.2974	P	0.3
8	<input type="checkbox"/>			230495.90	0.1560	P	1.2

$$y = 7.2400\text{E-}006 * x + 0.1531$$

$$R = 0.9995$$

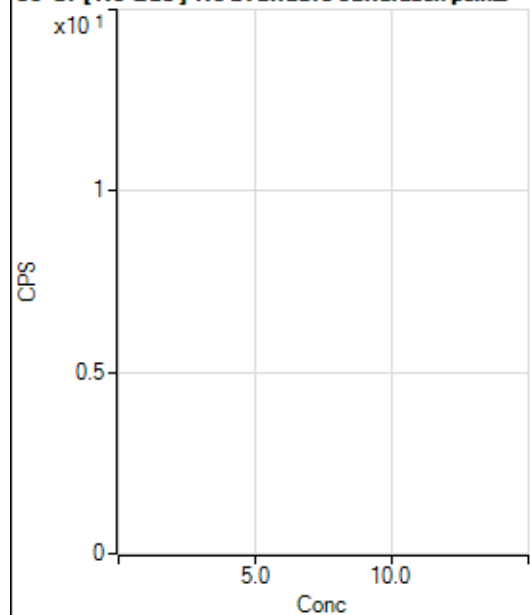
$$DL = 1993$$

$$BEC = 2.115\text{E}+04$$

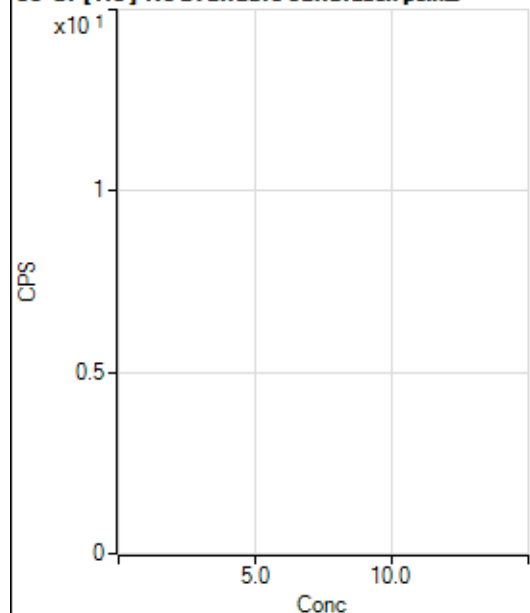
Weight: <None>

Min Conc: 0

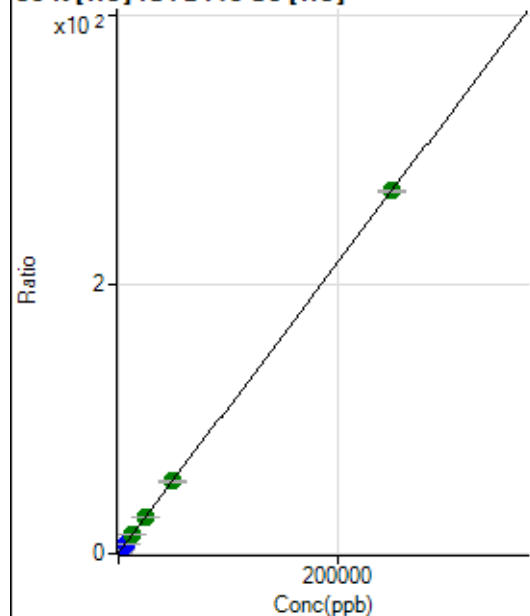
35 Cl [No Gas] No available calibration points



	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	67797.91	0.5491	P	0.9
2	<input type="checkbox"/>	500.000	510.425	138473.86	1.0972	P	1.0
3	<input type="checkbox"/>	2500.000	2740.556	431630.41	3.4924	P	1.0
4	<input type="checkbox"/>	6250.000	6734.621	927627.96	7.7819	P	0.6
5	<input type="checkbox"/>	12500.000	12456.938	1647008.05	13.9276	A	0.9
6	<input type="checkbox"/>	25000.000	24939.310	3181274.36	27.3334	A	1.0
7	<input type="checkbox"/>	50000.000	49389.477	6126828.04	53.5924	A	0.5
8	<input type="checkbox"/>	250000.00	250115.78	30982884.82	269.1685	A	0.4

$$y = 0.0011 * x + 0.5491$$

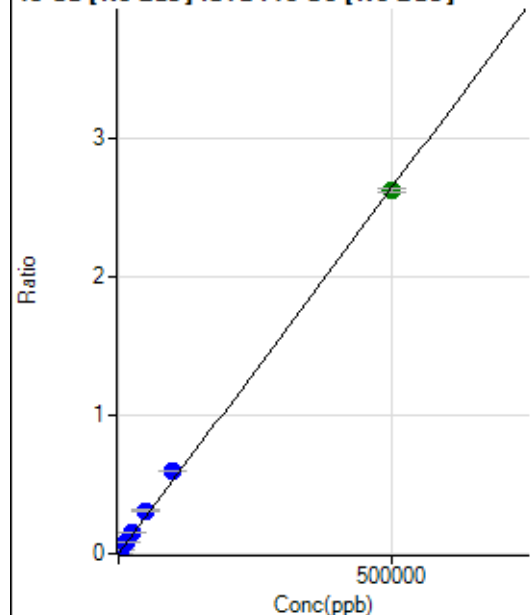
$$R = 1.0000$$

$$DL = 13.06$$

$$BEC = 511.2$$

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	294.45	0.0002	P	6.4
2	<input type="checkbox"/>	500.000	509.500	4561.84	0.0029	P	3.2
3	<input type="checkbox"/>	5000.000	5875.011	50082.33	0.0312	P	0.4
4	<input type="checkbox"/>	12500.000	14682.536	121666.89	0.0778	P	1.4
5	<input type="checkbox"/>	25000.000	29097.755	235779.11	0.1539	P	0.9
6	<input type="checkbox"/>	50000.000	58355.859	462758.45	0.3085	P	2.8
7	<input type="checkbox"/>	100000.00	112758.77	905941.90	0.5960	P	0.8
8	<input type="checkbox"/>	500000.00	496344.44	3875449.66	2.6228	A	1.0

$$y = 5.2839\text{E-}006 * x + 1.8922\text{E-}004$$

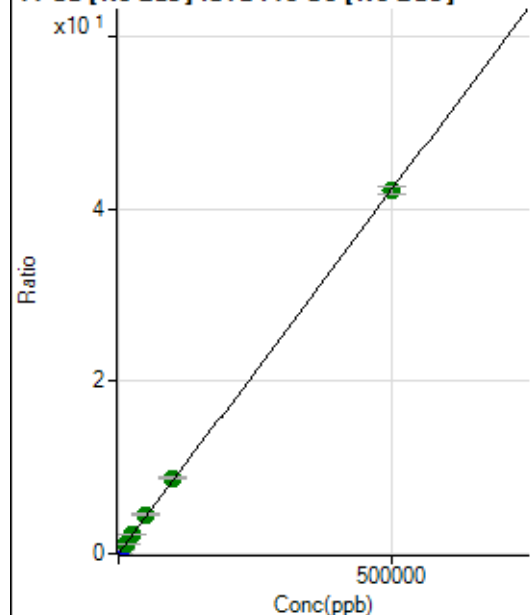
$$R = 0.9996$$

$$DL = 6.896$$

$$BEC = 35.81$$

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	31929.18	0.0205	P	5.9
2	<input type="checkbox"/>	500.000	521.199	102110.72	0.0645	P	2.5
3	<input type="checkbox"/>	5000.000	5731.172	808112.68	0.5040	P	0.2
4	<input type="checkbox"/>	12500.000	13491.006	1812312.40	1.1585	A	2.5
5	<input type="checkbox"/>	25000.000	26609.424	3469237.00	2.2651	A	1.6
6	<input type="checkbox"/>	50000.000	53642.376	6817154.41	4.5454	A	3.0
7	<input type="checkbox"/>	100000.00	103769.37	13336659.94	8.7738	A	0.9
8	<input type="checkbox"/>	500000.00	498769.30	62192837.96	42.0934	A	2.0

$$y = 8.4353\text{E-}005 * x + 0.0205$$

$$R = 1.0000$$

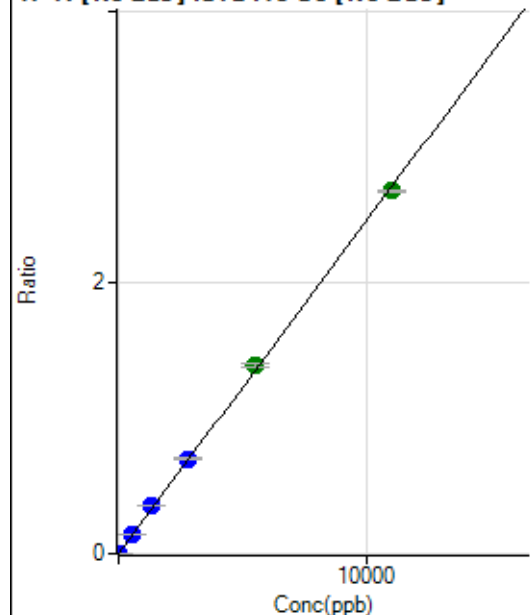
$$DL = 43.22$$

$$BEC = 243.2$$

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	112.23	0.0001	P	17.0
2	<input type="checkbox"/>	5.000	5.151	2122.39	0.0013	P	2.9
3	<input type="checkbox"/>	550.000	576.216	227651.24	0.1420	P	0.9
4	<input type="checkbox"/>	1350.000	1437.553	553917.22	0.3541	P	1.6
5	<input type="checkbox"/>	2750.000	2846.984	1073899.93	0.7012	P	1.2
6	<input type="checkbox"/>	5500.000	5658.266	2090086.97	1.3934	A	2.3
7	<input type="checkbox"/>	11000.000	10884.565	4074409.84	2.6804	A	0.8
8	<input type="checkbox"/>			876.70	0.0006	P	13.7

$$y = 2.4625E-004 * x + 7.1615E-005$$

$$R = 0.9998$$

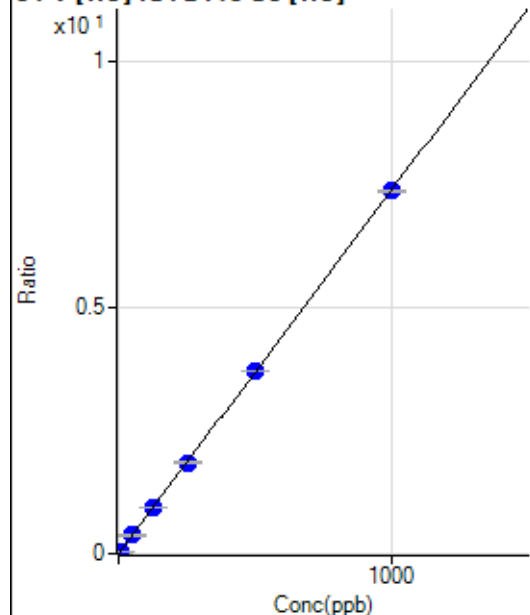
$$DL = 0.1481$$

$$BEC = 0.2908$$

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	14.44	0.0001	P	53.2
2	<input type="checkbox"/>	5.000	4.821	4506.27	0.0357	P	1.7
3	<input type="checkbox"/>	50.000	50.359	45967.41	0.3719	P	0.6
4	<input type="checkbox"/>	125.000	127.446	112168.16	0.9410	P	0.2
5	<input type="checkbox"/>	250.000	251.137	219262.14	1.8542	P	1.0
6	<input type="checkbox"/>	500.000	502.840	432086.81	3.7124	P	0.4
7	<input type="checkbox"/>	1000.000	997.973	842289.39	7.3677	P	0.8
8	<input type="checkbox"/>			335.56	0.0029	P	5.8

$$y = 0.0074 * x + 1.1694E-004$$

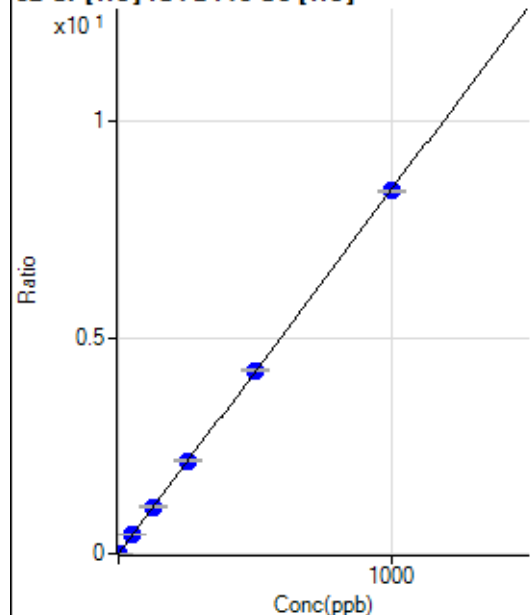
$$R = 1.0000$$

$$DL = 0.02528$$

$$BEC = 0.01584$$

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	201.11	0.0016	P	13.9
2	<input type="checkbox"/>	2.000	1.993	2324.65	0.0184	P	0.5
3	<input type="checkbox"/>	50.000	51.203	53504.37	0.4329	P	1.2
4	<input type="checkbox"/>	125.000	128.918	129631.92	1.0875	P	1.0
5	<input type="checkbox"/>	250.000	254.338	253520.62	2.1439	P	1.6
6	<input type="checkbox"/>	500.000	503.748	494043.07	4.2447	P	0.6
7	<input type="checkbox"/>	1000.000	996.492	959742.72	8.3951	P	0.7
8	<input type="checkbox"/>			8384.63	0.0728	P	2.3

$$y = 0.0084 * x + 0.0016$$

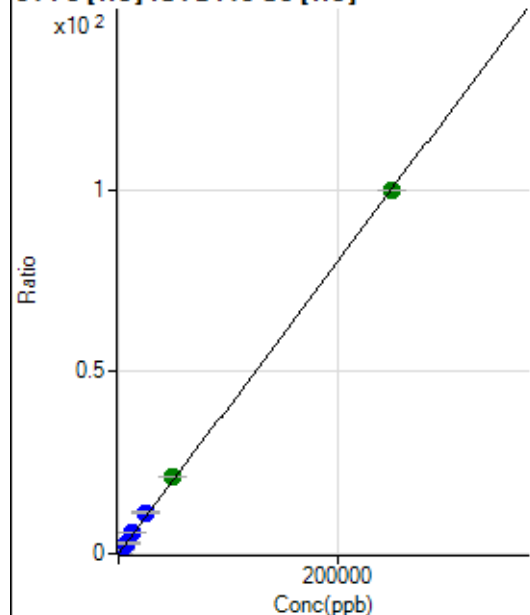
$$R = 1.0000$$

$$DL = 0.08034$$

$$BEC = 0.1933$$

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	1091.16	0.0088	P	6.7
2	<input type="checkbox"/>	50.000	56.569	3971.69	0.0315	P	2.1
3	<input type="checkbox"/>	2500.000	2894.836	144219.98	1.1669	P	1.3
4	<input type="checkbox"/>	6250.000	7231.744	345907.64	2.9019	P	0.4
5	<input type="checkbox"/>	12500.000	14185.072	672099.54	5.6836	P	1.2
6	<input type="checkbox"/>	25000.000	28283.762	1317963.34	11.3237	P	0.7
7	<input type="checkbox"/>	50000.000	52387.235	2396919.69	20.9663	A	0.6
8	<input type="checkbox"/>	250000.00	249081.43	11470652.61	99.6537	A	0.2

$$y = 4.0005E-004 * x + 0.0088$$

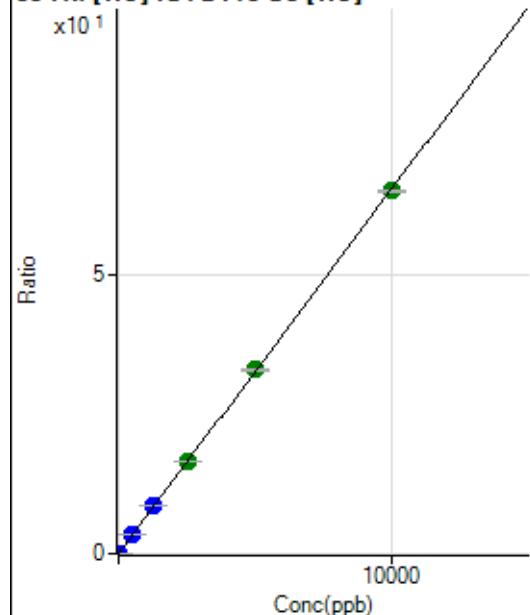
$$R = 0.9999$$

$$DL = 4.416$$

$$BEC = 22.09$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	161.11	0.0013	P	10.4
2	<input type="checkbox"/>	1.000	0.865	877.81	0.0070	P	6.9
3	<input type="checkbox"/>	500.000	528.828	426905.23	3.4543	P	1.6
4	<input type="checkbox"/>	1250.000	1325.528	1031863.89	8.6564	P	0.2
5	<input type="checkbox"/>	2500.000	2538.804	1960458.60	16.5786	A	1.5
6	<input type="checkbox"/>	5000.000	5045.309	3834493.73	32.9450	A	1.1
7	<input type="checkbox"/>	10000.000	9956.762	7432700.17	65.0146	A	0.5
8	<input type="checkbox"/>			4856.38	0.0422	P	1.5

$$y = 0.0065 * x + 0.0013$$

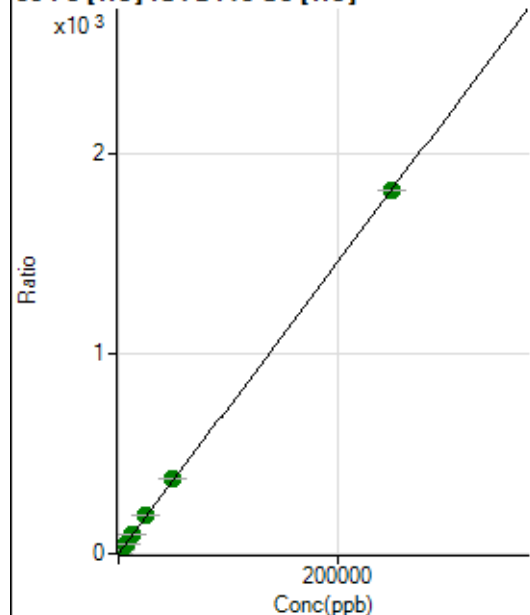
$$R = 1.0000$$

$$DL = 0.06216$$

$$BEC = 0.1998$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	5562.29	0.0451	P	4.3
2	<input type="checkbox"/>	50.000	54.271	55466.14	0.4395	P	0.7
3	<input type="checkbox"/>	2500.000	2700.982	2431824.12	19.6761	A	0.9
4	<input type="checkbox"/>	6250.000	6675.816	5789208.39	48.5657	A	0.8
5	<input type="checkbox"/>	12500.000	13226.594	11373278.72	96.1776	A	1.2
6	<input type="checkbox"/>	25000.000	26167.732	22142596.89	190.2354	A	0.7
7	<input type="checkbox"/>	50000.000	51596.430	42876719.36	375.0544	A	0.9
8	<input type="checkbox"/>	250000.00	249514.95	208748585.7	1.813551	A	0.0

$$y = 0.0073 * x + 0.0451$$

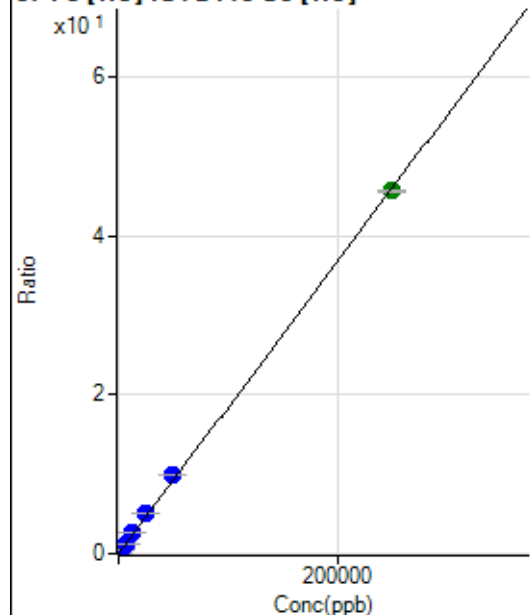
$$R = 1.0000$$

$$DL = 0.7946$$

$$BEC = 6.199$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	225.56	0.0018	P	9.4
2	<input type="checkbox"/>	50.000	55.819	1524.53	0.0121	P	2.6
3	<input type="checkbox"/>	2500.000	2847.243	64856.83	0.5247	P	1.1
4	<input type="checkbox"/>	6250.000	7142.757	156592.32	1.3137	P	0.7
5	<input type="checkbox"/>	12500.000	13960.753	303418.47	2.5658	P	1.3
6	<input type="checkbox"/>	25000.000	27681.520	591928.99	5.0858	P	0.9
7	<input type="checkbox"/>	50000.000	54410.997	1142630.43	9.9949	P	0.9
8	<input type="checkbox"/>	250000.00	248750.81	5258815.65	45.6872	A	0.2

$$y = 1.8366E-004 * x + 0.0018$$

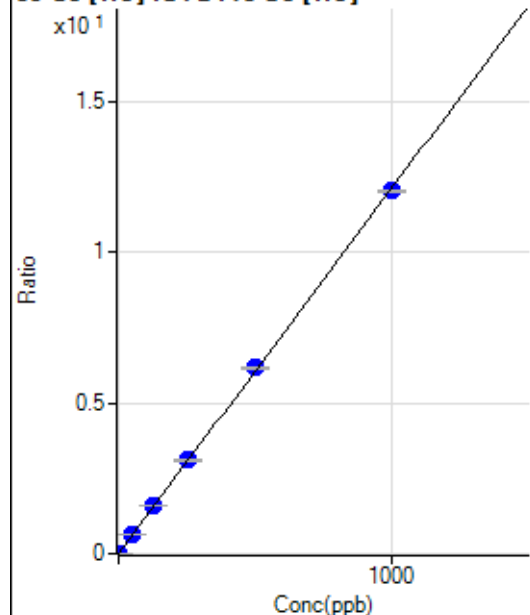
$$R = 0.9998$$

$$DL = 2.813$$

$$BEC = 9.949$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	48.89	0.0004	P	7.5
2	<input type="checkbox"/>	1.000	1.093	1722.34	0.0136	P	4.8
3	<input type="checkbox"/>	50.000	52.876	79272.10	0.6414	P	1.0
4	<input type="checkbox"/>	125.000	130.022	187939.37	1.5766	P	0.5
5	<input type="checkbox"/>	250.000	255.382	366153.38	3.0963	P	1.1
6	<input type="checkbox"/>	500.000	508.717	717838.20	6.1675	P	0.5
7	<input type="checkbox"/>	1000.000	993.524	1376977.15	12.0447	P	0.8
8	<input type="checkbox"/>			4191.74	0.0364	P	2.2

$$y = 0.0121 * x + 3.9588E-004$$

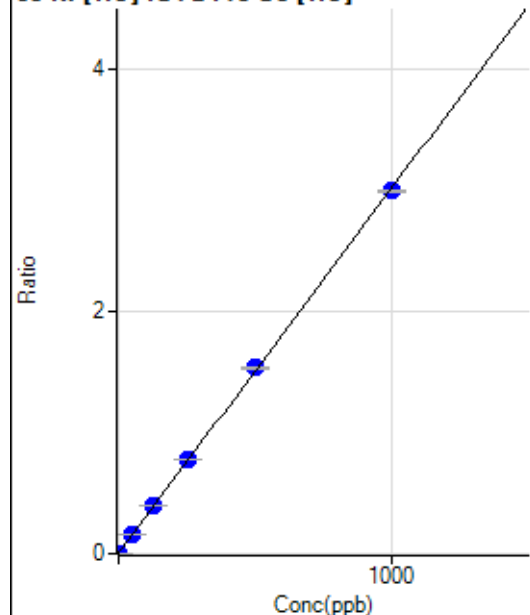
$$R = 0.9999$$

$$DL = 0.007379$$

$$BEC = 0.03266$$

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	328.90	0.0027	P	9.8
2	<input type="checkbox"/>	1.000	1.032	727.80	0.0058	P	7.9
3	<input type="checkbox"/>	50.000	53.486	20214.81	0.1636	P	1.6
4	<input type="checkbox"/>	125.000	132.506	47831.60	0.4013	P	0.3
5	<input type="checkbox"/>	250.000	257.715	91992.93	0.7779	P	0.8
6	<input type="checkbox"/>	500.000	507.672	178054.07	1.5298	P	1.1
7	<input type="checkbox"/>	1000.000	993.123	341840.61	2.9902	P	0.6
8	<input type="checkbox"/>			3122.58	0.0271	P	2.6

$$y = 0.0030 * x + 0.0027$$

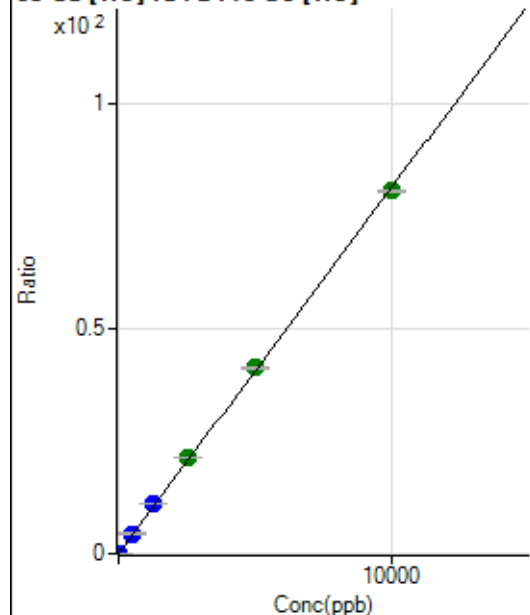
$$R = 0.9999$$

$$DL = 0.2604$$

$$BEC = 0.8855$$

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	1222.29	0.0099	P	9.0
2	<input type="checkbox"/>	2.000	2.021	3320.40	0.0263	P	2.9
3	<input type="checkbox"/>	500.000	548.115	551334.28	4.4610	P	1.2
4	<input type="checkbox"/>	1250.000	1350.608	1308579.07	10.9778	P	0.1
5	<input type="checkbox"/>	2500.000	2623.353	2520375.73	21.3134	A	1.3
6	<input type="checkbox"/>	5000.000	5082.550	4805068.71	41.2839	A	0.7
7	<input type="checkbox"/>	10000.000	9912.905	9204082.64	80.5099	A	0.6
8	<input type="checkbox"/>			3629.36	0.0315	P	1.9

$$y = 0.0081 * x + 0.0099$$

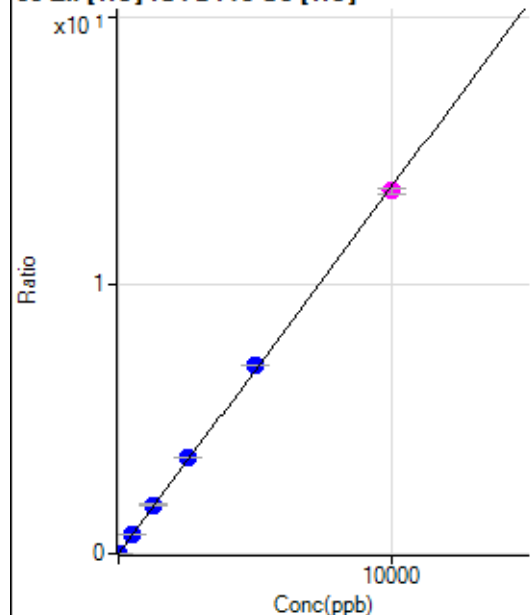
$$R = 0.9998$$

$$DL = 0.3294$$

$$BEC = 1.219$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	445.57	0.0036	P	8.6
2	<input type="checkbox"/>	5.000	4.551	1240.06	0.0098	P	2.4
3	<input type="checkbox"/>	500.000	533.033	90433.64	0.7317	P	1.2
4	<input type="checkbox"/>	1250.000	1332.680	217425.61	1.8240	P	0.5
5	<input type="checkbox"/>	2500.000	2608.108	421720.77	3.5662	P	1.1
6	<input type="checkbox"/>	5000.000	5142.559	818013.72	7.0283	P	0.7
7	<input type="checkbox"/>	10000.000	9889.707	1544873.22	13.5128	M	1.4
8	<input type="checkbox"/>			715.58	0.0062	P	2.7

$$y = 0.0014 * x + 0.0036$$

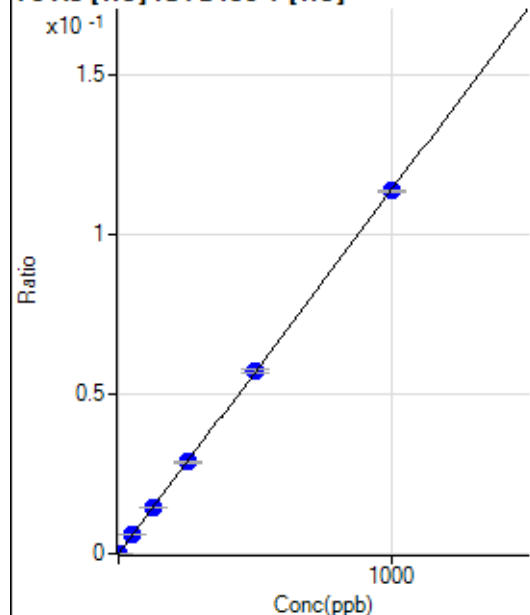
$$R = 0.9998$$

$$DL = 0.6789$$

$$BEC = 2.642$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	3.33	0.0000	P	99.8
2	<input type="checkbox"/>	1.000	1.077	128.89	0.0001	P	18.6
3	<input type="checkbox"/>	50.000	51.248	5904.57	0.0058	P	1.6
4	<input type="checkbox"/>	125.000	127.848	14266.97	0.0145	P	1.5
5	<input type="checkbox"/>	250.000	252.015	28043.20	0.0287	P	2.3
6	<input type="checkbox"/>	500.000	502.767	55096.15	0.0572	P	1.4
7	<input type="checkbox"/>	1000.000	997.695	107506.76	0.1135	P	0.2
8	<input type="checkbox"/>			92.22	0.0001	P	14.1

$$y = 1.1372E-004 * x + 3.2743E-006$$

$$R = 1.0000$$

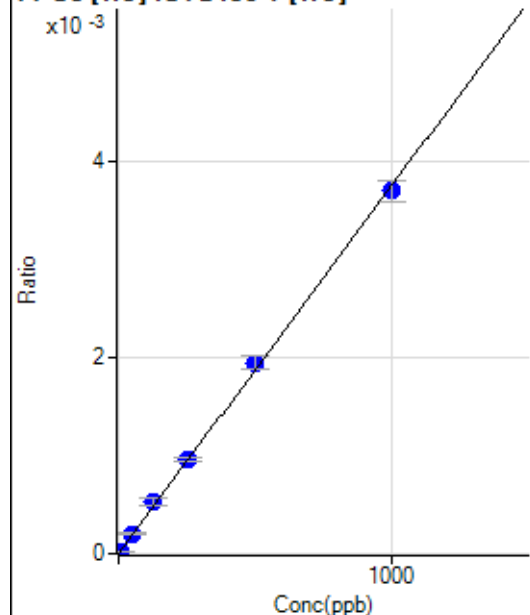
$$DL = 0.08622$$

$$BEC = 0.02879$$

Weight: <None>

Min Conc: 0

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



	R _j 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	5.196	20.00	0.0000	P	28.7
3	<input type="checkbox"/>	50.000	53.772	204.45	0.0002	P	7.2
4	<input type="checkbox"/>	125.000	142.317	524.46	0.0005	P	16.1
5	<input type="checkbox"/>	250.000	257.541	946.71	0.0010	P	4.1
6	<input type="checkbox"/>	500.000	518.402	1875.69	0.0019	P	7.1
7	<input type="checkbox"/>	1000.000	986.560	3510.45	0.0037	P	5.6
8	<input type="checkbox"/>			2.22	0.0000	P	173.

$$y = 3.7557\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

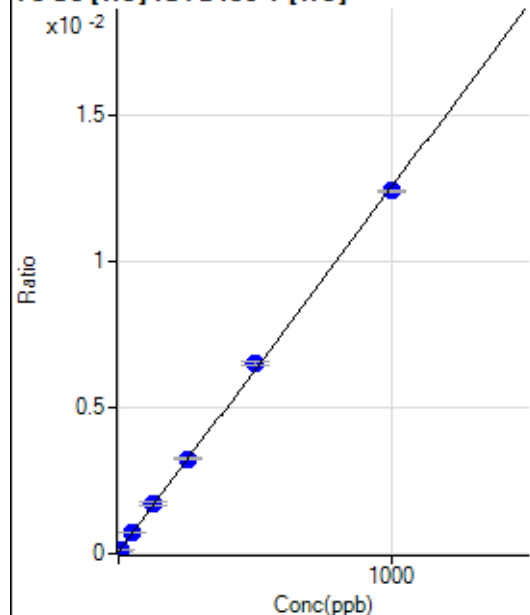
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	63.33	0.0001	P	51.6
2	<input type="checkbox"/>	5.000	5.710	136.67	0.0001	P	22.6
3	<input type="checkbox"/>	50.000	51.958	718.92	0.0007	P	3.4
4	<input type="checkbox"/>	125.000	130.082	1652.33	0.0017	P	7.3
5	<input type="checkbox"/>	250.000	254.398	3164.82	0.0032	P	2.8
6	<input type="checkbox"/>	500.000	516.444	6263.60	0.0065	P	1.5
7	<input type="checkbox"/>	1000.000	989.942	11752.52	0.0124	P	0.4
8	<input type="checkbox"/>			81.11	0.0001	P	31.3

$$y = 1.2467\text{E-}005 * x + 6.2202\text{E-}005$$

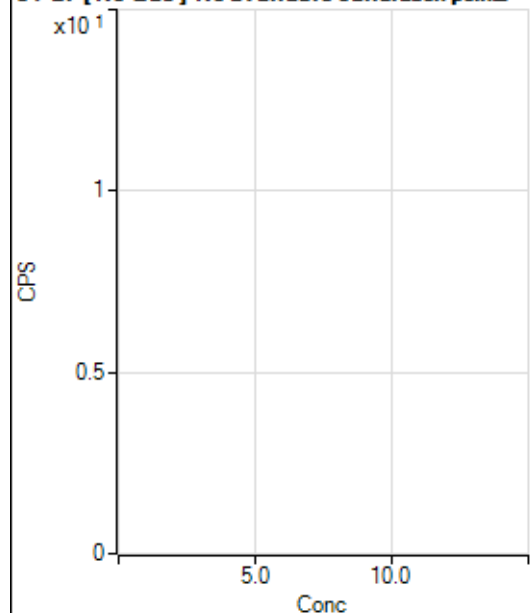
$$R = 0.9998$$

$$DL = 7.724$$

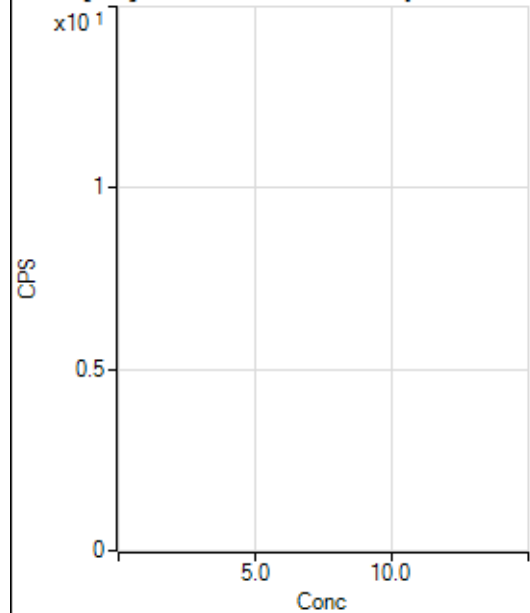
$$BEC = 4.989$$

Weight: <None>

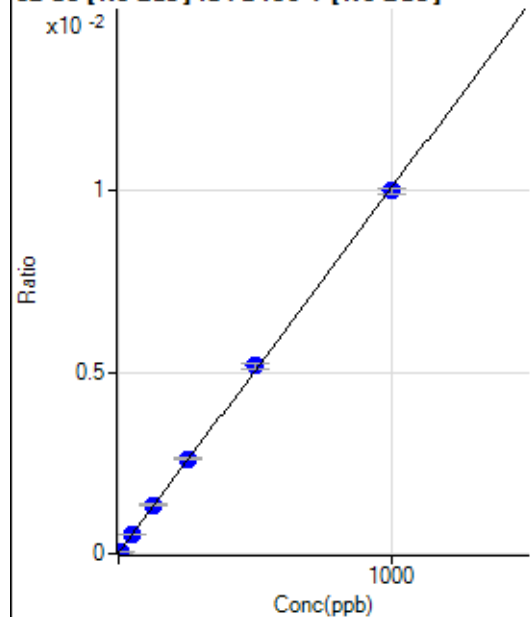
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			17964.37		P	0.5
2	<input type="checkbox"/>			17986.64		P	2.0
3	<input type="checkbox"/>			17542.76		P	1.3
4	<input type="checkbox"/>			16395.87		P	1.3
5	<input type="checkbox"/>			15655.09		P	4.1
6	<input type="checkbox"/>			15435.94		P	1.8
7	<input type="checkbox"/>			15534.96		P	3.1
8	<input type="checkbox"/>			16143.36		P	0.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			47.78		P	22.4
2	<input type="checkbox"/>			26.67		P	45.1
3	<input type="checkbox"/>			25.56		P	19.9
4	<input type="checkbox"/>			28.89		P	43.7
5	<input type="checkbox"/>			26.67		P	37.5
6	<input type="checkbox"/>			41.11		P	4.7
7	<input type="checkbox"/>			28.89		P	17.6
8	<input type="checkbox"/>			51.11		P	3.8

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	78.02	0.0000	P	7.8
2	<input type="checkbox"/>	5.000	5.366	304.04	0.0001	P	2.5
3	<input type="checkbox"/>	50.000	51.577	2274.10	0.0005	P	2.9
4	<input type="checkbox"/>	125.000	131.599	5481.17	0.0013	P	2.5
5	<input type="checkbox"/>	250.000	257.277	10472.58	0.0026	P	1.2
6	<input type="checkbox"/>	500.000	511.673	20393.36	0.0052	P	2.9
7	<input type="checkbox"/>	1000.000	991.439	39575.42	0.0100	P	1.3
8	<input type="checkbox"/>			105.76	0.0000	P	30.6

$$y = 1.0054\text{E-}005 * x + 1.9191\text{E-}005$$

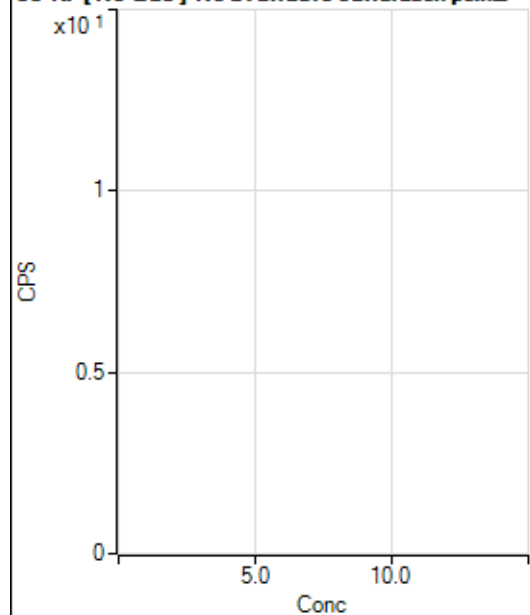
$$R = 0.9999$$

$$DL = 0.4449$$

$$BEC = 1.909$$

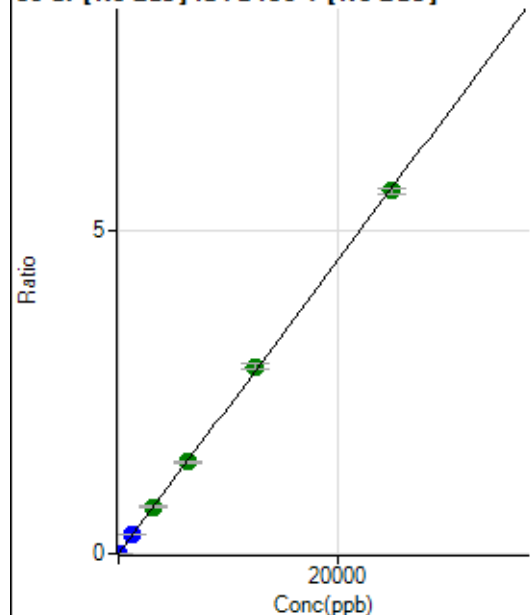
Weight: <None>

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"/>			35.56		P	35.5
2	<input type="checkbox"/>			40.00		P	16.7
3	<input type="checkbox"/>			35.55		P	44.3
4	<input type="checkbox"/>			43.33		P	40.0
5	<input type="checkbox"/>			34.44		P	47.7
6	<input type="checkbox"/>			57.78		P	17.6
7	<input type="checkbox"/>			74.44		P	22.1
8	<input type="checkbox"/>			44.44		P	22.9

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	93.33	0.0000	P	16.2
2	<input type="checkbox"/>	1.000	0.941	981.15	0.0002	P	7.4
3	<input type="checkbox"/>	1250.000	1257.058	1204539.23	0.2848	P	0.5
4	<input type="checkbox"/>	3125.000	3215.910	2976108.57	0.7287	A	0.6
5	<input type="checkbox"/>	6250.000	6284.089	5722612.28	1.4239	A	1.4
6	<input type="checkbox"/>	12500.000	12807.163	11459348.99	2.9018	A	3.6
7	<input type="checkbox"/>	25000.000	24826.180	22290608.84	5.6251	A	1.6
8	<input type="checkbox"/>			3618.26	0.0010	P	7.1

$$y = 2.2658\text{E-}004 * x + 2.2878\text{E-}005$$

$$R = 0.9999$$

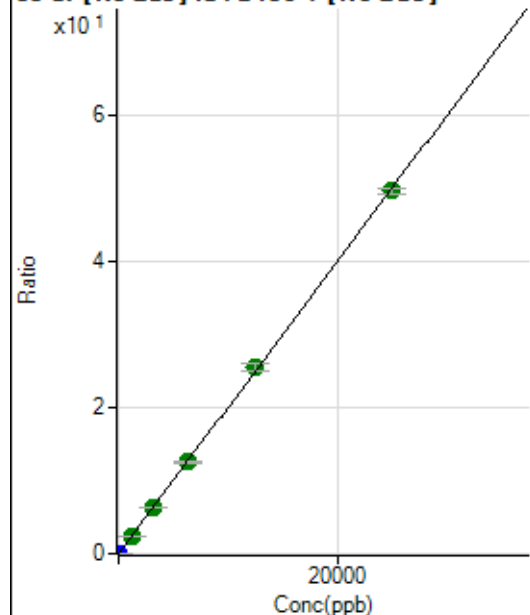
$$DL = 0.04921$$

$$BEC = 0.101$$

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	300.01	0.0001	P	22.2
2	<input type="checkbox"/>	1.000	0.988	8492.51	0.0020	P	2.0
3	<input type="checkbox"/>	1250.000	1241.902	10469137.62	2.4758	A	0.9
4	<input type="checkbox"/>	3125.000	3144.915	25604632.40	6.2694	A	0.9
5	<input type="checkbox"/>	6250.000	6269.313	50228298.14	12.4977	A	1.2
6	<input type="checkbox"/>	12500.000	12750.459	100372497.3	25.4177	A	3.7
7	<input type="checkbox"/>	25000.000	24867.858	196444648.1	49.5733	A	1.4
8	<input type="checkbox"/>			32618.56	0.0086	P	8.5

$$y = 0.0020 * x + 7.4035\text{E-}005$$

$$R = 0.9999$$

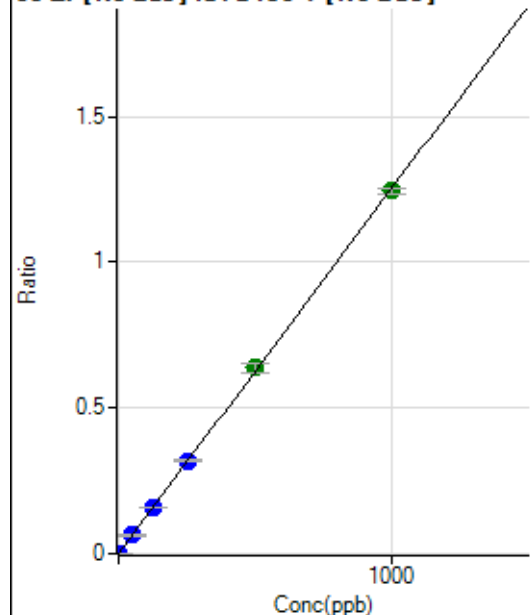
$$DL = 0.02468$$

$$BEC = 0.03714$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	195.56	0.0000	P	13.6
2	<input type="checkbox"/>	1.000	0.927	5028.69	0.0012	P	3.7
3	<input type="checkbox"/>	50.000	50.246	266405.24	0.0630	P	1.0
4	<input type="checkbox"/>	125.000	127.767	653901.24	0.1601	P	1.8
5	<input type="checkbox"/>	250.000	253.871	1278436.43	0.3181	P	2.0
6	<input type="checkbox"/>	500.000	509.477	2520286.35	0.6384	A	4.8
7	<input type="checkbox"/>	1000.000	993.936	4934782.67	1.2453	A	1.4
8	<input type="checkbox"/>			2731.39	0.0007	P	2.4

$$y = 0.0013 * x + 4.8118E-005$$

$$R = 0.9999$$

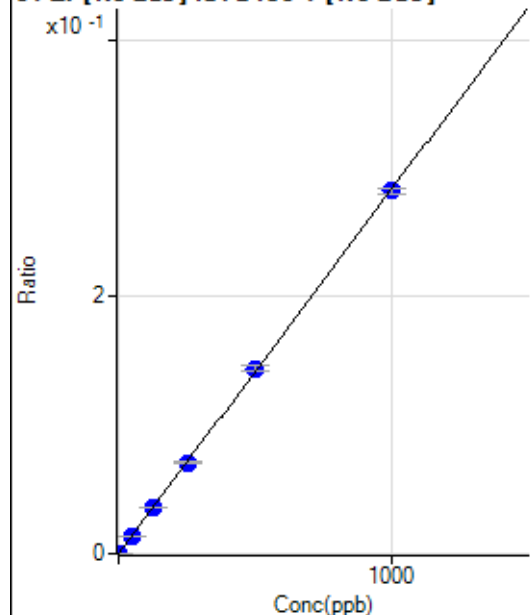
$$DL = 0.01566$$

$$BEC = 0.03841$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	40.00	0.0000	P	9.5
2	<input type="checkbox"/>	1.000	0.870	1066.72	0.0003	P	4.0
3	<input type="checkbox"/>	50.000	49.466	59382.70	0.0140	P	0.8
4	<input type="checkbox"/>	125.000	126.378	146438.34	0.0359	P	2.3
5	<input type="checkbox"/>	250.000	250.176	285259.47	0.0710	P	1.0
6	<input type="checkbox"/>	500.000	507.841	569004.83	0.1441	P	3.0
7	<input type="checkbox"/>	1000.000	995.890	1119526.65	0.2825	P	1.6
8	<input type="checkbox"/>			625.58	0.0002	P	6.7

$$y = 2.8367E-004 * x + 9.8435E-006$$

$$R = 1.0000$$

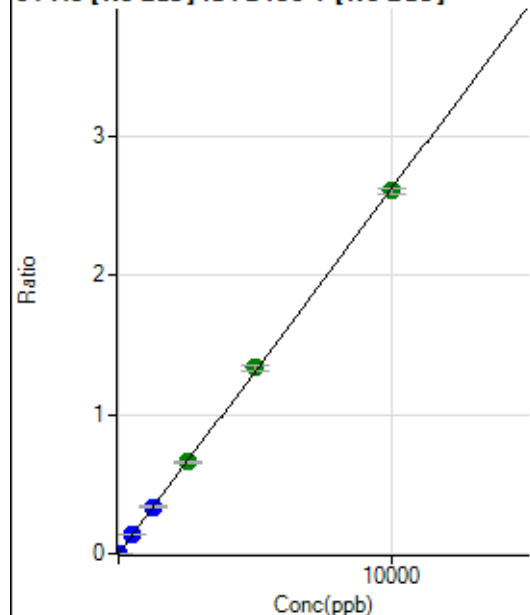
$$DL = 0.00993$$

$$BEC = 0.0347$$

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	<input type="checkbox"/>	0.000	0.000	86.67	0.0000	P	17.1
2	<input type="checkbox"/>	5.000	5.267	5820.10	0.0014	P	3.1
3	<input type="checkbox"/>	500.000	508.569	563298.77	0.1332	P	0.7
4	<input type="checkbox"/>	1250.000	1284.991	1374349.14	0.3365	P	1.9
5	<input type="checkbox"/>	2500.000	2513.397	2645423.88	0.6582	A	1.3
6	<input type="checkbox"/>	5000.000	5095.460	5270284.89	1.3344	A	3.1
7	<input type="checkbox"/>	10000.000	9944.118	10319804.22	2.6042	A	1.4
8	<input type="checkbox"/>			4053.93	0.0011	P	4.6

$$y = 2.6188\text{E-}004 * x + 2.1320\text{E-}005$$

$$R = 0.9999$$

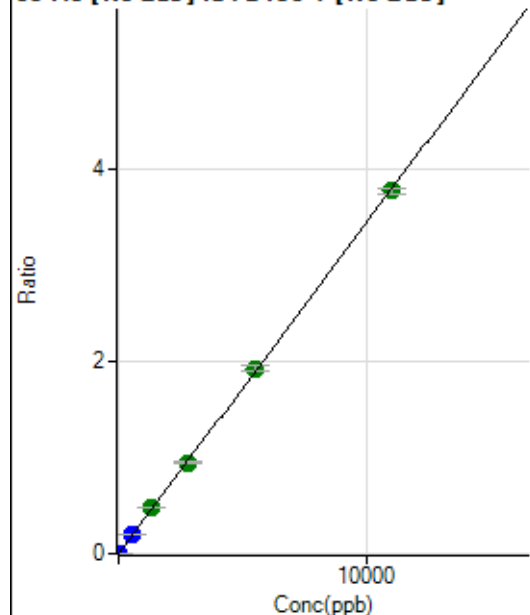
$$DL = 0.0418$$

$$BEC = 0.08141$$

Weight: <None>

Min Conc: 0

95 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	127.78	0.0000	P	5.8
2	<input type="checkbox"/>	5.000	4.955	7238.51	0.0017	P	2.0
3	<input type="checkbox"/>	550.000	558.128	814630.80	0.1926	P	0.7
4	<input type="checkbox"/>	1350.000	1382.945	1949261.84	0.4773	A	1.2
5	<input type="checkbox"/>	2750.000	2747.390	3810674.94	0.9482	A	0.9
6	<input type="checkbox"/>	5500.000	5592.849	7622131.07	1.9301	A	3.7
7	<input type="checkbox"/>	11000.000	10949.778	14974390.20	3.7788	A	1.4
8	<input type="checkbox"/>			5433.29	0.0014	P	2.0

$$y = 3.4510\text{E-}004 * x + 3.1410\text{E-}005$$

$$R = 0.9999$$

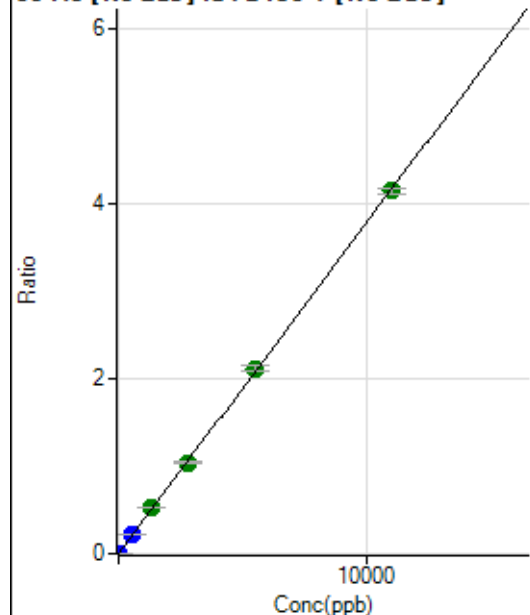
$$DL = 0.01581$$

$$BEC = 0.09102$$

Weight: <None>

Min Conc: 0

96 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	28.89	0.0000	P	21.4
2	<input type="checkbox"/>	5.000	5.034	7963.35	0.0019	P	2.7
3	<input type="checkbox"/>	550.000	556.025	891752.10	0.2109	P	0.4
4	<input type="checkbox"/>	1350.000	1384.966	2145037.43	0.5253	A	1.7
5	<input type="checkbox"/>	2750.000	2749.736	4191225.36	1.0428	A	0.8
6	<input type="checkbox"/>	5500.000	5585.800	8366159.04	2.1184	A	3.2
7	<input type="checkbox"/>	11000.000	10952.574	16460004.89	4.1537	A	1.5
8	<input type="checkbox"/>			7049.54	0.0019	P	2.7

$$y = 3.7925\text{E-}004 * x + 7.0763\text{E-}006$$

$$R = 1.0000$$

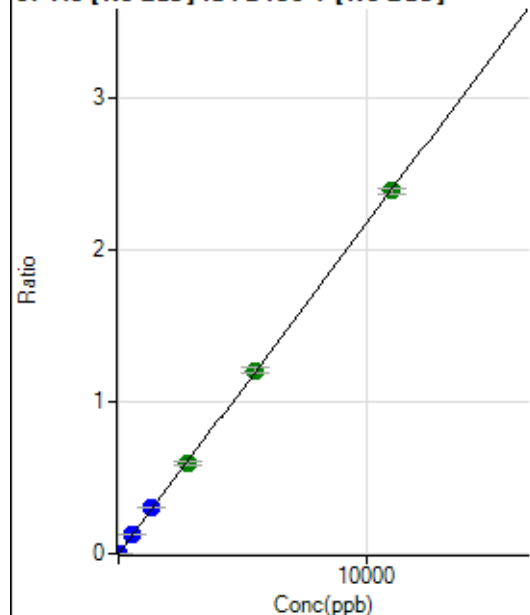
$$DL = 0.01199$$

$$BEC = 0.01866$$

Weight: <None>

Min Conc: 0

97 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	26.67	0.0000	P	65.7
2	<input type="checkbox"/>	5.000	4.836	4409.59	0.0011	P	2.2
3	<input type="checkbox"/>	550.000	555.165	511974.54	0.1211	P	0.9
4	<input type="checkbox"/>	1350.000	1405.787	1251947.80	0.3066	P	1.9
5	<input type="checkbox"/>	2750.000	2734.666	2396601.08	0.5964	A	2.2
6	<input type="checkbox"/>	5500.000	5544.868	4774950.97	1.2092	A	3.7
7	<input type="checkbox"/>	11000.000	10974.295	9483581.11	2.3932	A	1.2
8	<input type="checkbox"/>			3402.65	0.0009	P	1.0

$$y = 2.1807\text{E-}004 * x + 6.6218\text{E-}006$$

$$R = 1.0000$$

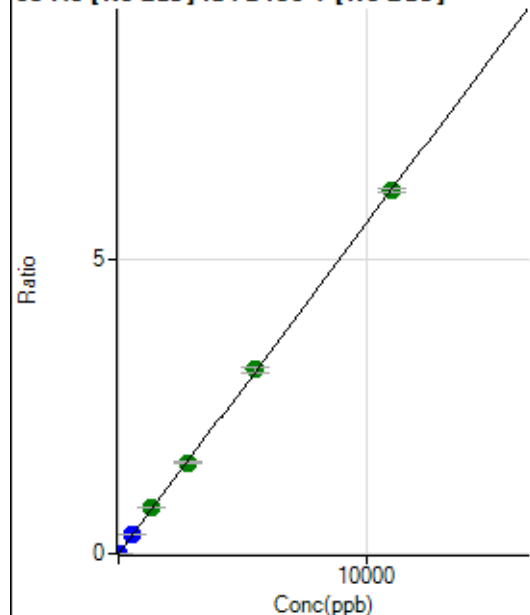
$$DL = 0.05988$$

$$BEC = 0.03037$$

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	26.66	0.0000	P	59.9
2	<input type="checkbox"/>	5.000	4.857	11358.93	0.0027	P	1.9
3	<input type="checkbox"/>	550.000	554.661	1316741.47	0.3114	P	0.8
4	<input type="checkbox"/>	1350.000	1387.796	3181764.78	0.7791	A	1.3
5	<input type="checkbox"/>	2750.000	2738.634	6178449.84	1.5374	A	2.4
6	<input type="checkbox"/>	5500.000	5554.090	12313042.73	3.1180	A	3.6
7	<input type="checkbox"/>	11000.000	10970.925	24406226.03	6.1589	A	0.9
8	<input type="checkbox"/>			8460.30	0.0022	P	2.1

$$y = 5.6138\text{E-}004 * x + 6.6137\text{E-}006$$

$$R = 1.0000$$

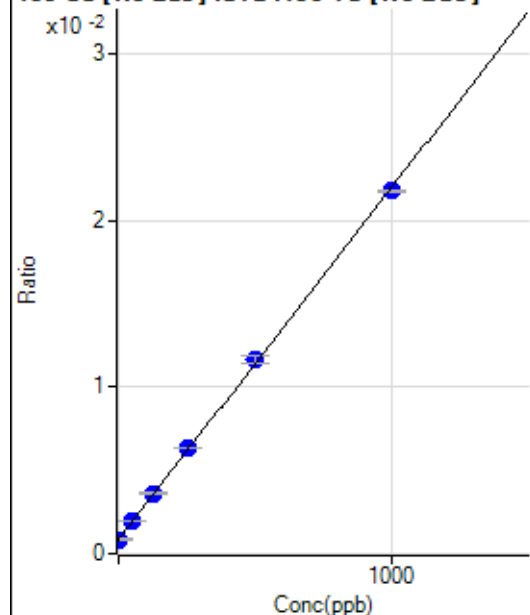
$$DL = 0.02119$$

$$BEC = 0.01178$$

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	3594.94	0.0009	P	3.5
2	<input type="checkbox"/>	1.000	0.386	3736.07	0.0009	P	3.7
3	<input type="checkbox"/>	50.000	51.579	8554.81	0.0019	P	3.6
4	<input type="checkbox"/>	125.000	129.641	15486.12	0.0036	P	3.1
5	<input type="checkbox"/>	250.000	260.614	27069.73	0.0064	P	1.4
6	<input type="checkbox"/>	500.000	511.739	49870.75	0.0117	P	3.6
7	<input type="checkbox"/>	1000.000	990.818	92753.57	0.0218	P	0.7
8	<input type="checkbox"/>			3370.42	0.0009	P	3.6

$$y = 2.1110\text{E-}005 * x + 8.5313\text{E-}004$$

$$R = 0.9998$$

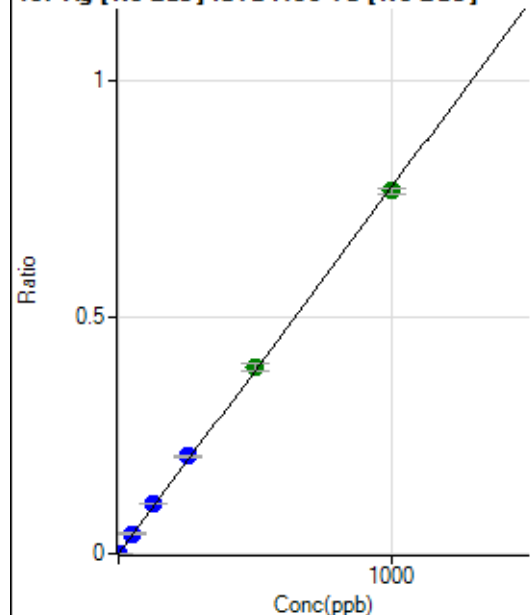
$$DL = 4.234$$

$$BEC = 40.41$$

Weight: <None>

Min Conc: 0

107 Ag [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	51.11	0.0000	P	31.6
2	<input type="checkbox"/>	1.000	1.013	3452.68	0.0008	P	4.5
3	<input type="checkbox"/>	50.000	54.908	187301.40	0.0425	P	1.0
4	<input type="checkbox"/>	125.000	136.314	455300.23	0.1055	P	1.8
5	<input type="checkbox"/>	250.000	265.018	873935.44	0.2052	P	0.6
6	<input type="checkbox"/>	500.000	509.225	1686498.48	0.3942	A	3.5
7	<input type="checkbox"/>	1000.000	989.973	3264922.21	0.7663	A	1.5
8	<input type="checkbox"/>			626.69	0.0002	P	19.8

$$y = 7.7408\text{E-}004 * x + 1.2187\text{E-}005$$

$$R = 0.9998$$

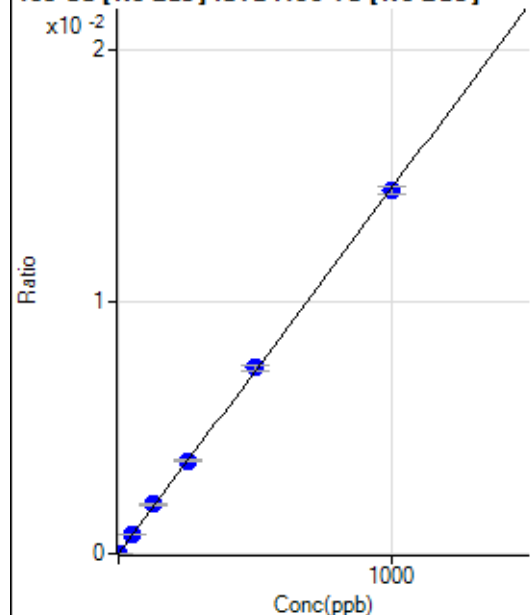
$$DL = 0.01491$$

$$BEC = 0.01574$$

Weight: <None>

Min Conc: 0

108 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	16.67	0.0000	P	2.3
2	<input type="checkbox"/>	1.000	0.983	78.89	0.0000	P	27.9
3	<input type="checkbox"/>	50.000	52.495	3368.20	0.0008	P	4.3
4	<input type="checkbox"/>	125.000	134.512	8422.52	0.0020	P	1.9
5	<input type="checkbox"/>	250.000	255.051	15753.09	0.0037	P	0.7
6	<input type="checkbox"/>	500.000	508.653	31537.56	0.0074	P	2.8
7	<input type="checkbox"/>	1000.000	993.097	61290.87	0.0144	P	2.0
8	<input type="checkbox"/>			100.00	0.0000	P	19.0

$$y = 1.4483\text{E-}005 * x + 3.9592\text{E-}006$$

$$R = 0.9999$$

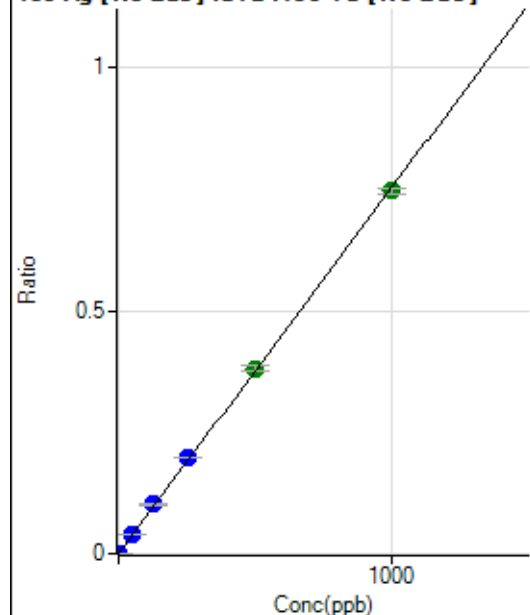
$$DL = 0.01883$$

$$BEC = 0.2734$$

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	8.89	0.0000	P	56.3
2	<input type="checkbox"/>	1.000	1.044	3411.55	0.0008	P	5.0
3	<input type="checkbox"/>	50.000	53.889	178481.58	0.0405	P	1.3
4	<input type="checkbox"/>	125.000	134.711	436900.64	0.1013	P	1.8
5	<input type="checkbox"/>	250.000	262.737	841338.52	0.1975	P	1.1
6	<input type="checkbox"/>	500.000	506.767	1629894.71	0.3809	A	3.0
7	<input type="checkbox"/>	1000.000	992.024	3177063.08	0.7457	A	1.3
8	<input type="checkbox"/>			608.91	0.0002	P	17.9

$$y = 7.5172\text{E-}004 * x + 2.0935\text{E-}006$$

$$R = 0.9999$$

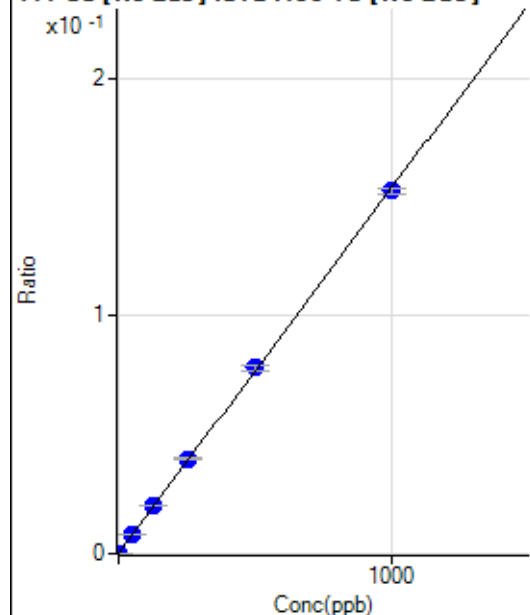
$$DL = 0.0047$$

$$BEC = 0.002785$$

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	357.82	0.0001	P	3.5
2	<input type="checkbox"/>	1.000	1.025	1052.85	0.0002	P	7.7
3	<input type="checkbox"/>	50.000	53.308	36509.80	0.0083	P	2.3
4	<input type="checkbox"/>	125.000	131.619	87751.00	0.0203	P	1.5
5	<input type="checkbox"/>	250.000	259.542	170491.35	0.0400	P	1.0
6	<input type="checkbox"/>	500.000	509.085	335530.84	0.0784	P	3.2
7	<input type="checkbox"/>	1000.000	992.079	650759.62	0.1527	P	1.6
8	<input type="checkbox"/>			520.38	0.0001	P	8.9

$$y = 1.5388\text{E-}004 * x + 8.4914\text{E-}005$$

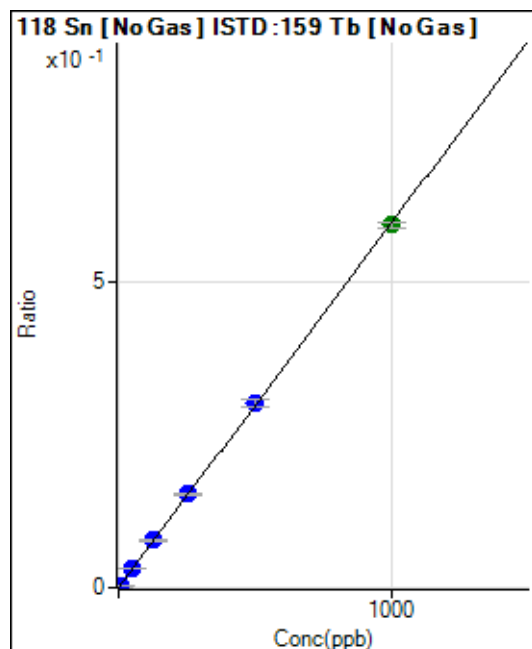
$$R = 0.9999$$

$$DL = 0.05764$$

$$BEC = 0.5518$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	370.01	0.0001	P	8.2
2	<input type="checkbox"/>	5.000	4.920	13136.08	0.0030	P	3.0
3	<input type="checkbox"/>	50.000	51.157	135072.22	0.0307	P	1.1
4	<input type="checkbox"/>	125.000	129.559	334427.89	0.0775	P	1.8
5	<input type="checkbox"/>	250.000	256.603	653605.52	0.1534	P	1.7
6	<input type="checkbox"/>	500.000	505.785	1293577.38	0.3024	P	3.4
7	<input type="checkbox"/>	1000.000	994.829	2533252.36	0.5946	A	1.6
8	<input type="checkbox"/>			1897.93	0.0005	P	7.7

$$y = 5.9762\text{E-}004 * x + 8.7955\text{E-}005$$

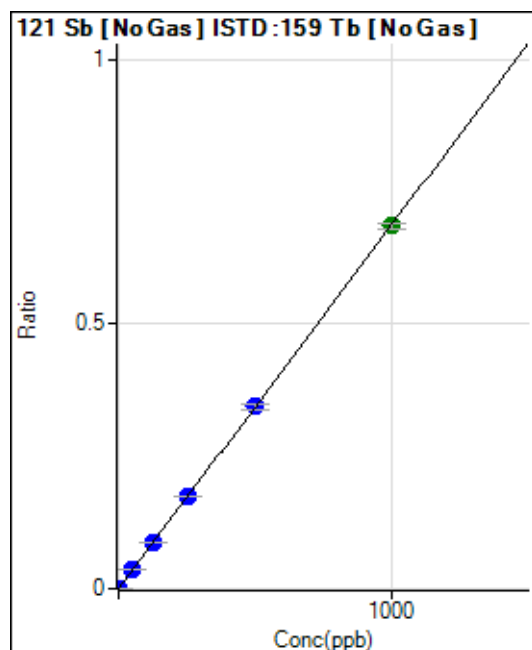
$$R = 0.9999$$

$$DL = 0.03604$$

$$BEC = 0.1472$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	6.67	0.0000	P	99.9
2	<input type="checkbox"/>	2.000	2.017	6022.45	0.0014	P	2.0
3	<input type="checkbox"/>	50.000	50.669	153492.09	0.0348	P	1.0
4	<input type="checkbox"/>	125.000	127.900	379404.75	0.0879	P	2.4
5	<input type="checkbox"/>	250.000	252.897	740732.85	0.1739	P	1.3
6	<input type="checkbox"/>	500.000	502.243	1477507.98	0.3453	P	3.2
7	<input type="checkbox"/>	1000.000	997.759	2922757.11	0.6861	A	1.8
8	<input type="checkbox"/>			1996.82	0.0005	P	6.4

$$y = 6.8759\text{E-}004 * x + 1.5617\text{E-}006$$

$$R = 1.0000$$

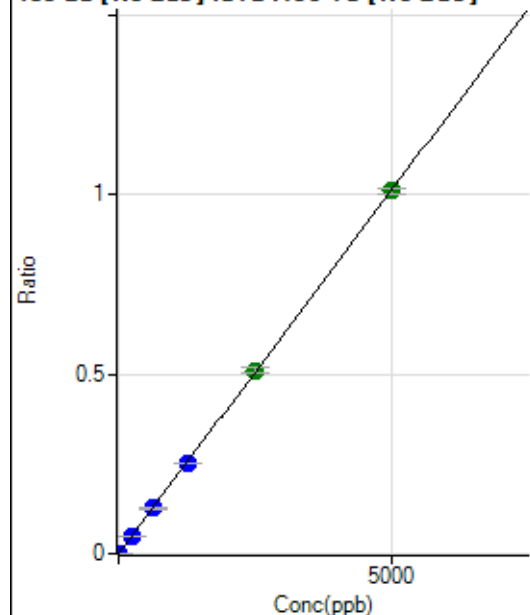
$$DL = 0.006806$$

$$BEC = 0.002271$$

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	66.67	0.0000	P	2.3
2	<input type="checkbox"/>	10.000	9.520	8417.00	0.0019	P	0.8
3	<input type="checkbox"/>	250.000	247.852	220760.13	0.0501	P	1.4
4	<input type="checkbox"/>	625.000	624.550	544683.00	0.1262	P	1.9
5	<input type="checkbox"/>	1250.000	1240.049	1067725.17	0.2507	P	1.0
6	<input type="checkbox"/>	2500.000	2519.947	2179333.89	0.5093	A	2.7
7	<input type="checkbox"/>	5000.000	4992.679	4299332.40	1.0091	A	1.3
8	<input type="checkbox"/>			1782.36	0.0005	P	5.6

$$y = 2.0212\text{E-}004 * x + 1.5835\text{E-}005$$

$$R = 1.0000$$

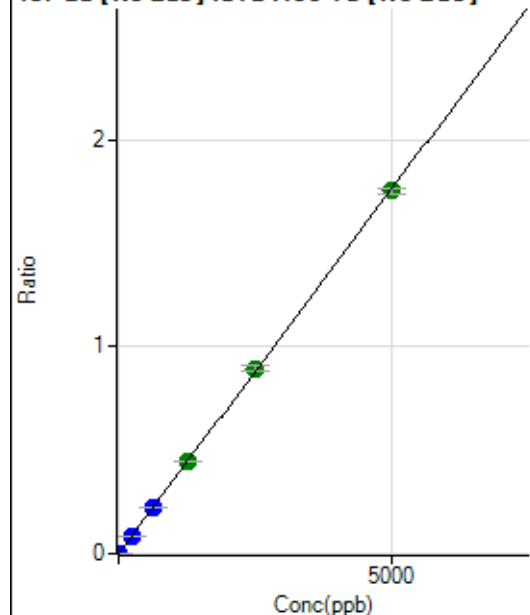
$$DL = 0.005396$$

$$BEC = 0.07834$$

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	112.22	0.0000	P	2.6
2	<input type="checkbox"/>	10.000	9.779	15062.53	0.0035	P	2.5
3	<input type="checkbox"/>	250.000	248.662	386098.05	0.0876	P	1.0
4	<input type="checkbox"/>	625.000	627.141	953454.88	0.2210	P	1.7
5	<input type="checkbox"/>	1250.000	1266.722	1901366.36	0.4463	A	1.3
6	<input type="checkbox"/>	2500.000	2539.573	3828291.16	0.8948	A	3.3
7	<input type="checkbox"/>	5000.000	4975.832	7469415.10	1.7532	A	1.4
8	<input type="checkbox"/>			3200.39	0.0008	P	3.7

$$y = 3.5234\text{E-}004 * x + 2.6637\text{E-}005$$

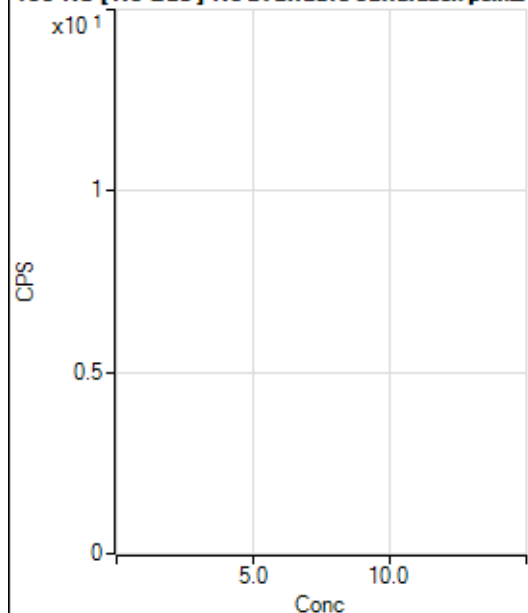
$$R = 0.9999$$

$$DL = 0.005909$$

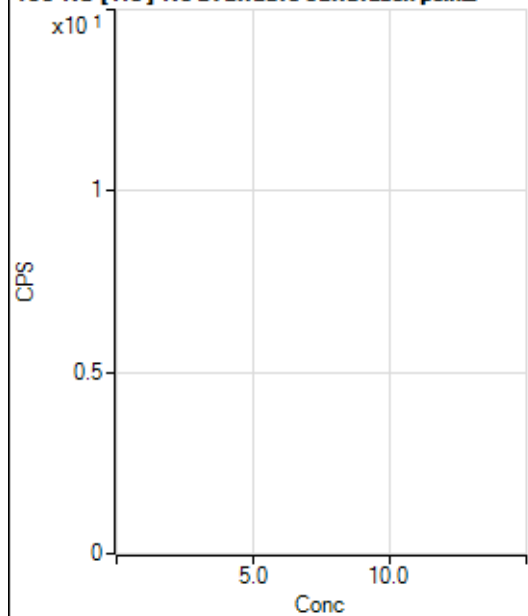
$$BEC = 0.0756$$

Weight: <None>

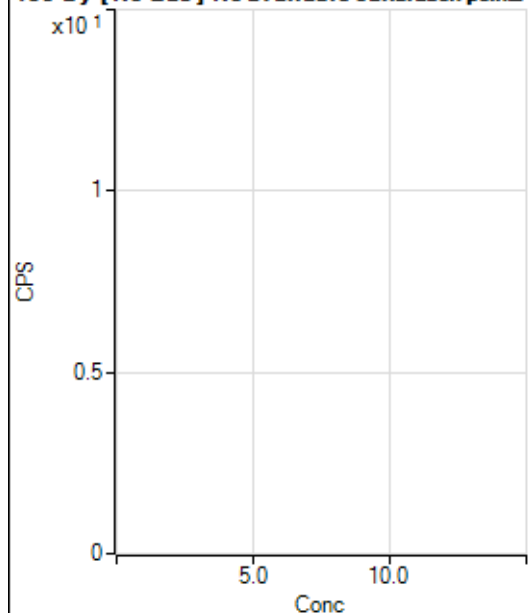
Min Conc: 0

150 Nd [No Gas] No available calibration points

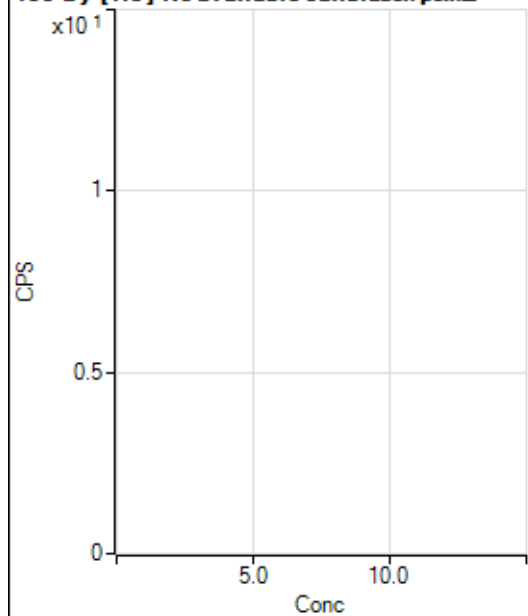
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			4.44		P	114.
2	<input type="checkbox"/>			5.56		P	34.7
3	<input type="checkbox"/>			74.44		P	10.3
4	<input type="checkbox"/>			192.22		P	12.5
5	<input type="checkbox"/>			374.46		P	10.3
6	<input type="checkbox"/>			708.91		P	3.2
7	<input type="checkbox"/>			1470.09		P	6.6
8	<input type="checkbox"/>			71.11		P	2.7

150 Nd [He] No available calibration points

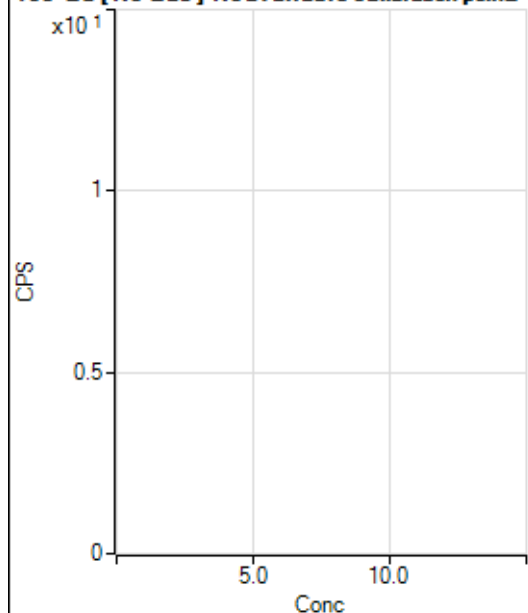
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			1.11		P	173.
2	<input type="checkbox"/>			4.44		P	43.4
3	<input type="checkbox"/>			17.78		P	10.8
4	<input type="checkbox"/>			31.11		P	43.3
5	<input type="checkbox"/>			62.22		P	21.7
6	<input type="checkbox"/>			142.23		P	11.6
7	<input type="checkbox"/>			266.67		P	7.8
8	<input type="checkbox"/>			46.67		P	12.4

156 Dy [No Gas] No available calibration points

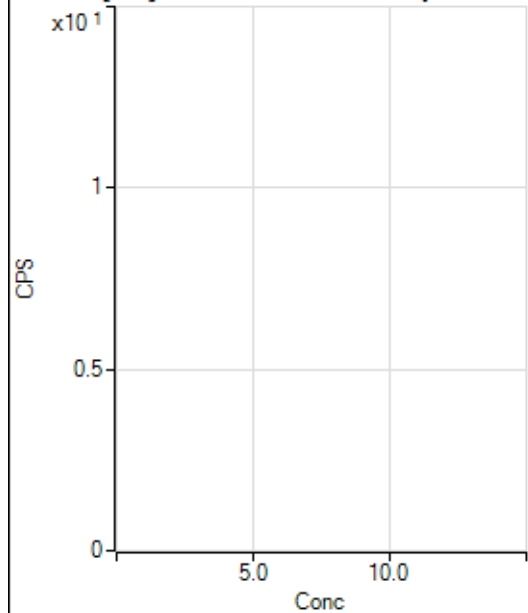
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			7.78		P	65.5
2	<input type="checkbox"/>			6.67		P	50.0
3	<input type="checkbox"/>			18.89		P	20.4
4	<input type="checkbox"/>			51.11		P	7.5
5	<input type="checkbox"/>			66.67		P	25.0
6	<input type="checkbox"/>			146.67		P	6.0
7	<input type="checkbox"/>			280.01		P	28.6
8	<input type="checkbox"/>			171.11		P	15.9

156 Dy [He] No available calibration points

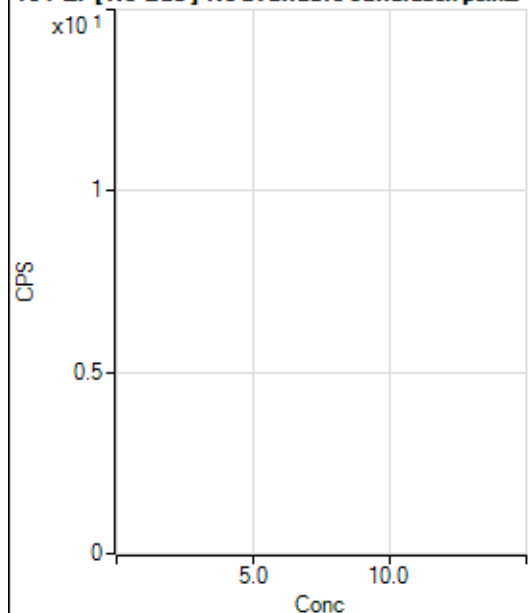
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			3.33		P	100.
2	<input type="checkbox"/>			5.55		P	124.
3	<input type="checkbox"/>			10.00		P	0.0
4	<input type="checkbox"/>			36.66		P	31.5
5	<input type="checkbox"/>			85.56		P	31.5
6	<input type="checkbox"/>			162.23		P	19.1
7	<input type="checkbox"/>			265.56		P	5.2
8	<input type="checkbox"/>			111.11		P	12.1

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

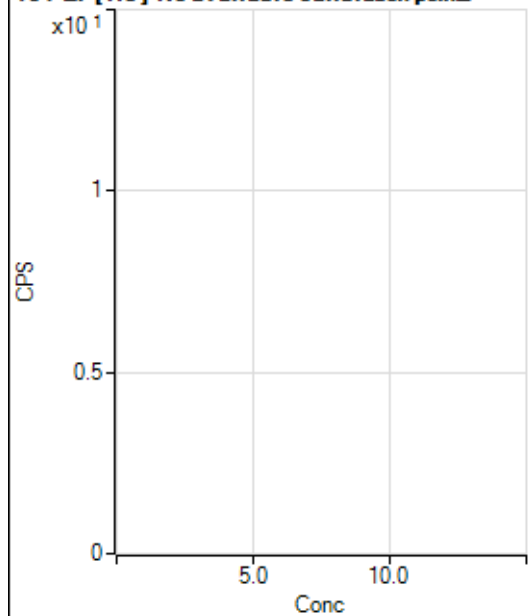
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			35.56		P	39.0
2	<input type="checkbox"/>			23.33		P	14.3
3	<input type="checkbox"/>			30.00		P	19.2
4	<input type="checkbox"/>			48.89		P	27.5
5	<input type="checkbox"/>			54.44		P	34.8
6	<input type="checkbox"/>			78.89		P	13.6
7	<input type="checkbox"/>			105.55		P	12.8
8	<input type="checkbox"/>			127.78		P	14.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			190.00		P	17.3
2	<input type="checkbox"/>			194.45		P	5.2
3	<input type="checkbox"/>			201.12		P	26.0
4	<input type="checkbox"/>			183.34		P	6.6
5	<input type="checkbox"/>			210.00		P	12.4
6	<input type="checkbox"/>			220.00		P	8.4
7	<input type="checkbox"/>			276.67		P	7.9
8	<input type="checkbox"/>			283.34		P	4.1

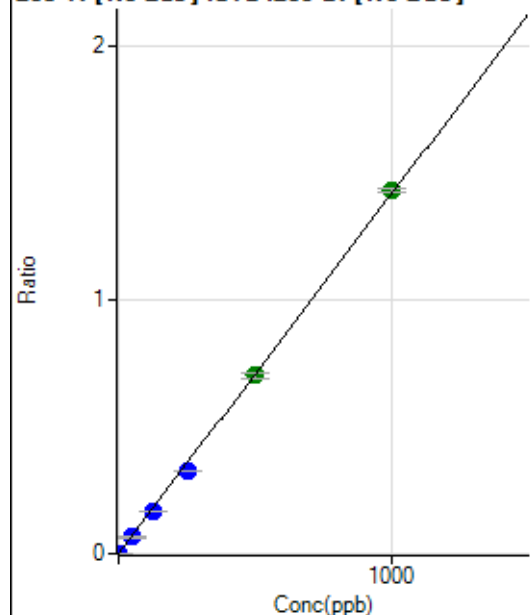
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			24.45		P	28.4
2	<input type="checkbox"/>			30.00		P	33.3
3	<input type="checkbox"/>			31.11		P	12.4
4	<input type="checkbox"/>			48.89		P	10.4
5	<input type="checkbox"/>			67.78		P	19.9
6	<input type="checkbox"/>			93.33		P	6.2
7	<input type="checkbox"/>			120.00		P	7.4
8	<input type="checkbox"/>			128.89		P	1.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			22.22		P	45.8
2	<input type="checkbox"/>			23.33		P	51.5
3	<input type="checkbox"/>			28.89		P	75.1
4	<input type="checkbox"/>			41.11		P	26.1
5	<input type="checkbox"/>			30.00		P	22.2
6	<input type="checkbox"/>			65.55		P	42.6
7	<input type="checkbox"/>			84.45		P	8.2
8	<input type="checkbox"/>			88.89		P	25.5

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	78.89	0.0000	P	8.4
2	<input type="checkbox"/>	1.000	0.899	3990.63	0.0013	P	5.6
3	<input type="checkbox"/>	50.000	45.426	199755.52	0.0644	P	0.7
4	<input type="checkbox"/>	125.000	115.795	498407.60	0.1642	P	1.1
5	<input type="checkbox"/>	250.000	230.336	972550.32	0.3267	P	0.9
6	<input type="checkbox"/>	500.000	495.284	2063941.86	0.7024	A	3.2
7	<input type="checkbox"/>	1000.000	1008.653	4074380.84	1.4303	A	1.0
8	<input type="checkbox"/>			464.46	0.0002	P	13.6

$$y = 0.0014 * x + 2.6296E-005$$

$$R = 0.9998$$

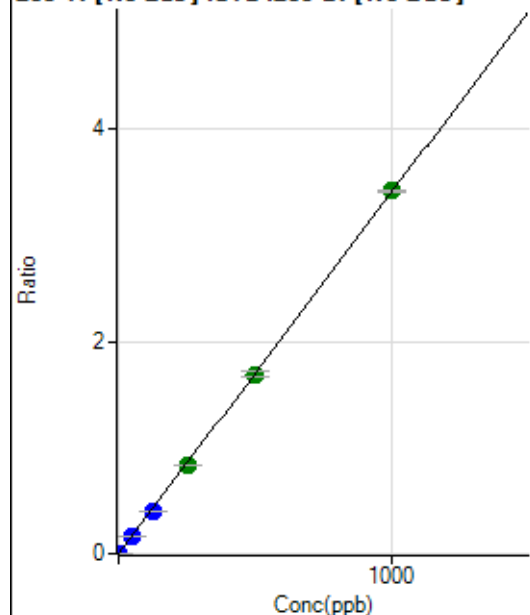
$$DL = 0.004694$$

$$BEC = 0.01854$$

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	187.78	0.0001	P	16.1
2	<input type="checkbox"/>	1.000	0.870	9282.12	0.0030	P	3.6
3	<input type="checkbox"/>	50.000	45.486	480507.88	0.1550	P	0.7
4	<input type="checkbox"/>	125.000	116.224	1201724.27	0.3960	P	1.4
5	<input type="checkbox"/>	250.000	244.613	2481153.23	0.8333	A	0.7
6	<input type="checkbox"/>	500.000	497.019	4975625.00	1.6932	A	3.1
7	<input type="checkbox"/>	1000.000	1004.160	9744263.46	3.4208	A	0.9
8	<input type="checkbox"/>			1136.73	0.0005	P	14.3

$$y = 0.0034 * x + 6.2646E-005$$

$$R = 1.0000$$

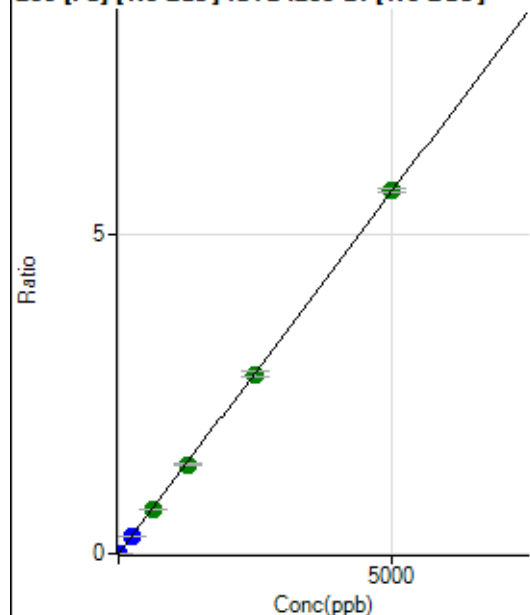
$$DL = 0.008891$$

$$BEC = 0.01839$$

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	145.56	0.0000	P	13.7
2	<input type="checkbox"/>	1.000	0.855	3117.06	0.0010	P	3.4
3	<input type="checkbox"/>	250.000	232.723	816607.01	0.2634	P	0.8
4	<input type="checkbox"/>	625.000	621.549	2135100.11	0.7035	A	1.0
5	<input type="checkbox"/>	1250.000	1232.105	4151946.29	1.3946	A	1.7
6	<input type="checkbox"/>	2500.000	2480.140	8249163.35	2.8071	A	3.0
7	<input type="checkbox"/>	5000.000	5015.699	16170711.01	5.6769	A	1.2
8	<input type="checkbox"/>			6897.38	0.0029	P	4.0

$$y = 0.0011 * x + 4.8552E-005$$

$$R = 1.0000$$

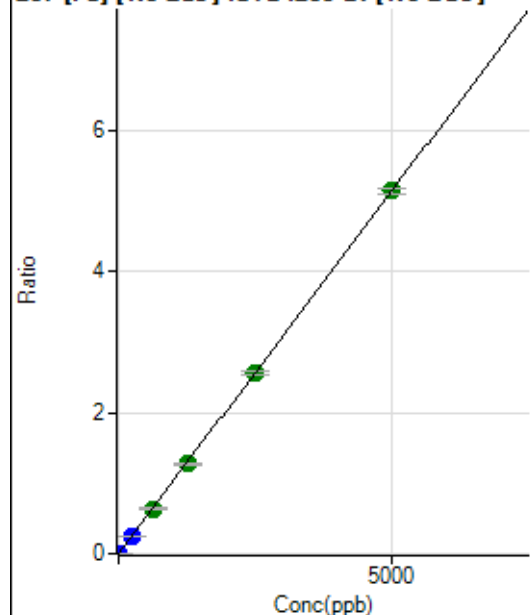
$$DL = 0.01757$$

$$BEC = 0.0429$$

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	137.78	0.0000	P	9.8
2	<input type="checkbox"/>	1.000	0.862	2858.11	0.0009	P	1.9
3	<input type="checkbox"/>	250.000	226.781	722153.22	0.2330	P	0.5
4	<input type="checkbox"/>	625.000	620.641	1934544.94	0.6375	A	2.0
5	<input type="checkbox"/>	1250.000	1237.279	3783485.74	1.2708	A	2.0
6	<input type="checkbox"/>	2500.000	2493.983	7528136.63	2.5615	A	2.4
7	<input type="checkbox"/>	5000.000	5007.895	14651316.73	5.1435	A	1.3
8	<input type="checkbox"/>			6230.39	0.0026	P	1.4

$$y = 0.0010 * x + 4.5844E-005$$

$$R = 1.0000$$

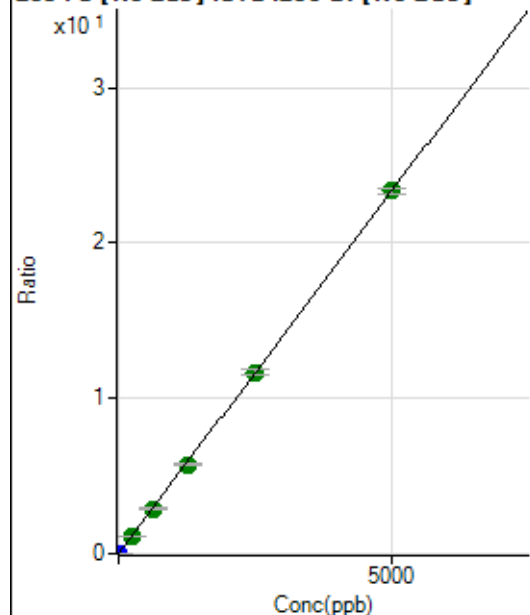
$$DL = 0.01306$$

$$BEC = 0.04464$$

Weight: <None>

Min Conc: 0

208 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	654.46	0.0002	P	12.6
2	<input type="checkbox"/>	1.000	0.864	13022.60	0.0042	P	2.2
3	<input type="checkbox"/>	250.000	236.203	3413724.99	1.1013	A	0.8
4	<input type="checkbox"/>	625.000	621.137	8787599.73	2.8956	A	1.5
5	<input type="checkbox"/>	1250.000	1231.522	17092208.63	5.7410	A	1.8
6	<input type="checkbox"/>	2500.000	2497.602	34214334.98	11.6428	A	3.1
7	<input type="checkbox"/>	5000.000	5006.991	66485147.20	23.3403	A	1.4
8	<input type="checkbox"/>			28213.98	0.0117	P	3.3

$$y = 0.0047 * x + 2.1811E-004$$

$$R = 1.0000$$

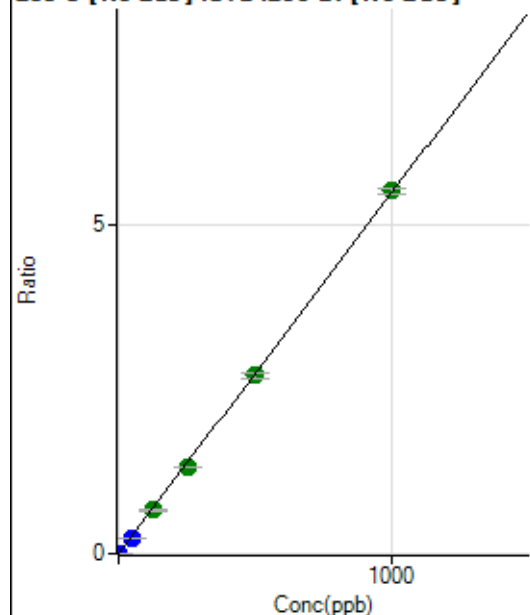
$$DL = 0.01766$$

$$BEC = 0.04679$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	23.33	0.0000	P	51.8
2	<input type="checkbox"/>	1.000	0.825	13885.11	0.0045	P	2.8
3	<input type="checkbox"/>	50.000	42.832	727724.58	0.2348	P	1.0
4	<input type="checkbox"/>	125.000	119.983	1995741.85	0.6576	A	1.3
5	<input type="checkbox"/>	250.000	241.763	3945251.47	1.3251	A	0.6
6	<input type="checkbox"/>	500.000	494.213	7960300.71	2.7087	A	2.8
7	<input type="checkbox"/>	1000.000	1005.938	15704814.07	5.5134	A	1.8
8	<input type="checkbox"/>			1065.61	0.0004	P	23.8

$$y = 0.0055 * x + 7.8002E-006$$

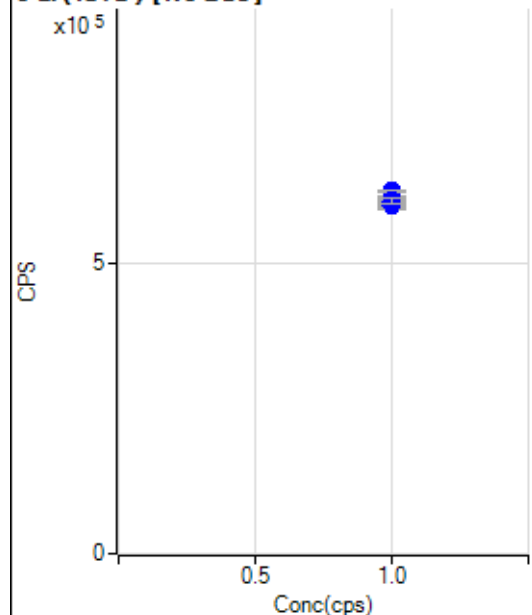
$$R = 0.9999$$

$$DL = 0.002212$$

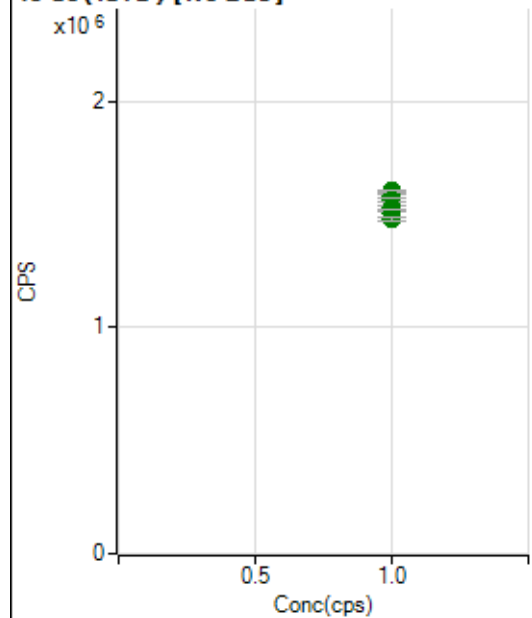
$$BEC = 0.001423$$

Weight: <None>

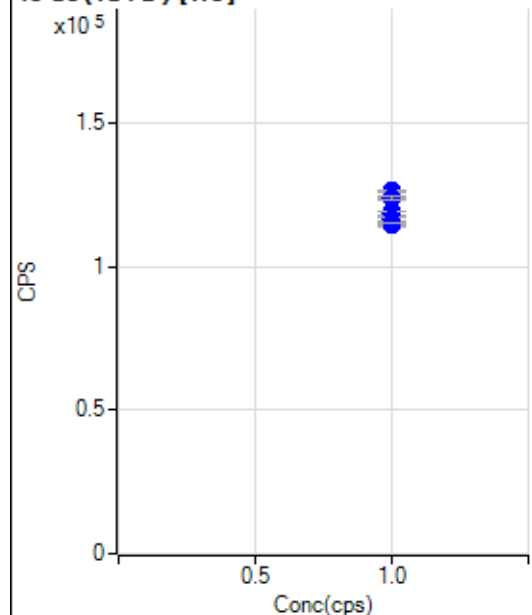
Min Conc: 0

6 Li (ISTD) [No Gas]

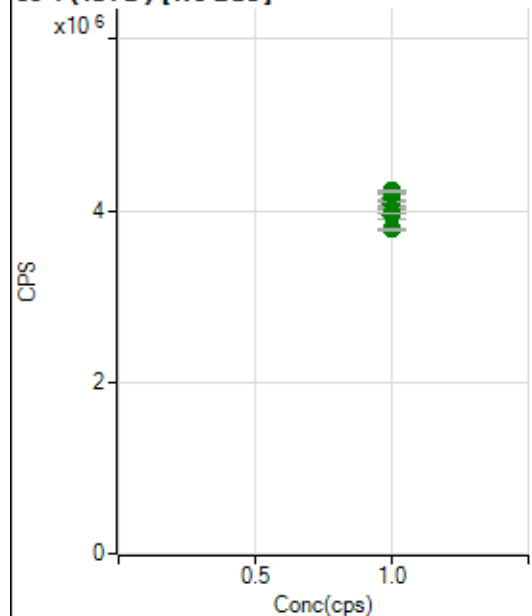
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		603581.49		P	2.3
2	<input type="checkbox"/>	1.000		614663.60		P	0.5
3	<input type="checkbox"/>	1.000		626694.26		P	0.5
4	<input type="checkbox"/>	1.000		610664.39		P	0.5
5	<input type="checkbox"/>	1.000		603134.17		P	0.7
6	<input type="checkbox"/>	1.000		599770.47		P	1.6
7	<input type="checkbox"/>	1.000		605993.93		P	0.2
8	<input type="checkbox"/>	1.000		609353.35		P	1.4

45 Sc (ISTD) [No Gas]

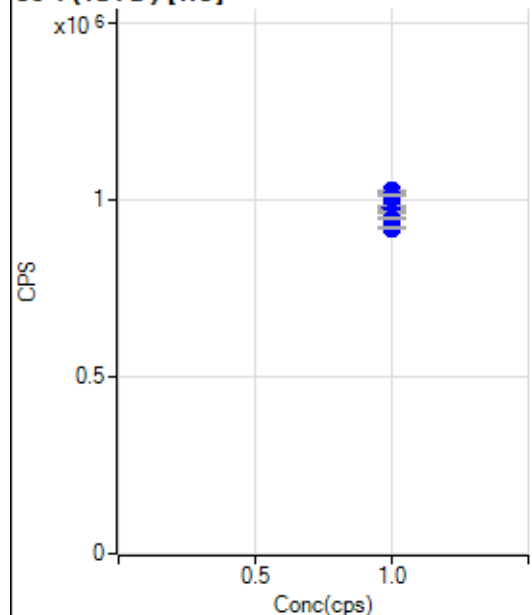
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1559301.35		A	5.1
2	<input type="checkbox"/>	1.000		1583463.20		A	1.0
3	<input type="checkbox"/>	1.000		1603529.14		A	0.4
4	<input type="checkbox"/>	1.000		1564580.97		A	1.1
5	<input type="checkbox"/>	1.000		1531722.67		A	1.2
6	<input type="checkbox"/>	1.000		1500420.50		A	2.2
7	<input type="checkbox"/>	1.000		1520037.70		A	0.2
8	<input type="checkbox"/>	1.000		1477674.63		A	1.0

45 Sc (ISTD) [He]

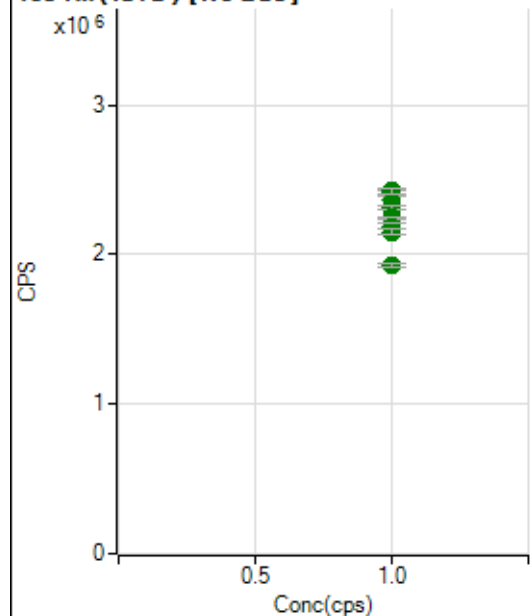
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		123478.75		P	0.4
2	<input type="checkbox"/>	1.000		126206.37		P	0.5
3	<input type="checkbox"/>	1.000		123600.78		P	1.1
4	<input type="checkbox"/>	1.000		119201.74		P	0.3
5	<input type="checkbox"/>	1.000		118262.15		P	1.0
6	<input type="checkbox"/>	1.000		116393.45		P	0.7
7	<input type="checkbox"/>	1.000		114324.63		P	0.5
8	<input type="checkbox"/>	1.000		115104.79		P	0.4

89 Y (ISTD) [No Gas]

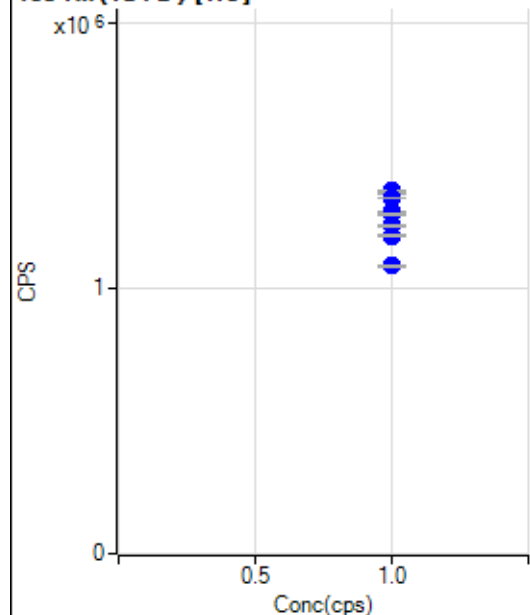
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4068017.30		A	2.8
2	<input type="checkbox"/>	1.000		4156352.44		A	1.2
3	<input type="checkbox"/>	1.000		4228858.30		A	0.9
4	<input type="checkbox"/>	1.000		4084395.35		A	1.3
5	<input type="checkbox"/>	1.000		4019203.65		A	0.8
6	<input type="checkbox"/>	1.000		3951729.67		A	2.9
7	<input type="checkbox"/>	1.000		3962815.11		A	0.3
8	<input type="checkbox"/>	1.000		3779102.37		A	0.7

89 Y (ISTD) [He]

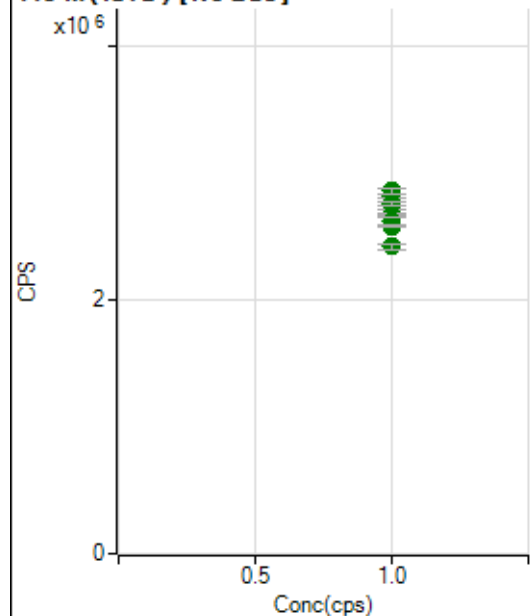
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1017654.63		P	0.4
2	<input type="checkbox"/>	1.000		1024855.29		P	0.2
3	<input type="checkbox"/>	1.000		1012540.20		P	0.4
4	<input type="checkbox"/>	1.000		981102.06		P	0.3
5	<input type="checkbox"/>	1.000		978528.80		P	0.9
6	<input type="checkbox"/>	1.000		963571.27		P	0.4
7	<input type="checkbox"/>	1.000		947516.59		P	0.2
8	<input type="checkbox"/>	1.000		919083.59		P	0.6

103 Rh (ISTD) [No Gas]

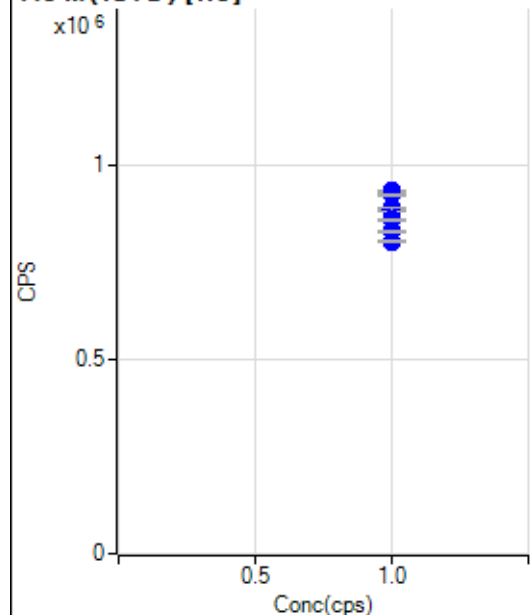
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2360890.24		A	3.2
2	<input type="checkbox"/>	1.000		2413735.78		A	1.5
3	<input type="checkbox"/>	1.000		2426257.44		A	1.8
4	<input type="checkbox"/>	1.000		2316318.53		A	1.4
5	<input type="checkbox"/>	1.000		2249670.04		A	0.5
6	<input type="checkbox"/>	1.000		2191658.30		A	1.9
7	<input type="checkbox"/>	1.000		2150966.96		A	1.6
8	<input type="checkbox"/>	1.000		1931300.77		A	1.2

103 Rh (ISTD) [He]

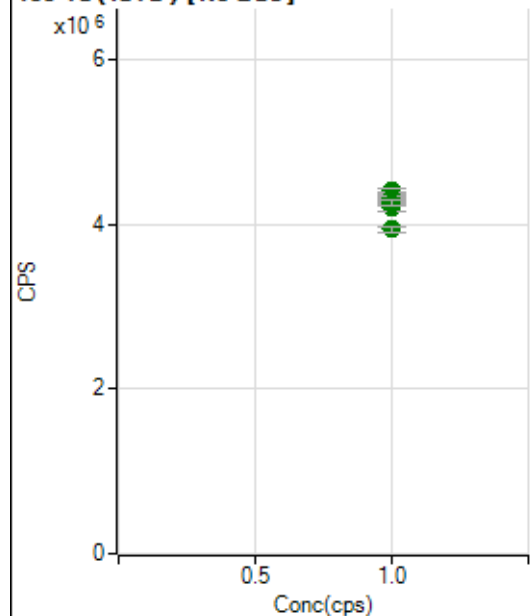
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1361934.30		P	0.4
2	<input type="checkbox"/>	1.000		1368692.11		P	0.2
3	<input type="checkbox"/>	1.000		1343076.46		P	0.2
4	<input type="checkbox"/>	1.000		1293922.30		P	0.2
5	<input type="checkbox"/>	1.000		1280621.23		P	1.1
6	<input type="checkbox"/>	1.000		1239377.42		P	0.5
7	<input type="checkbox"/>	1.000		1198295.89		P	0.7
8	<input type="checkbox"/>	1.000		1085576.88		P	0.3

115 In (ISTD) [No Gas]

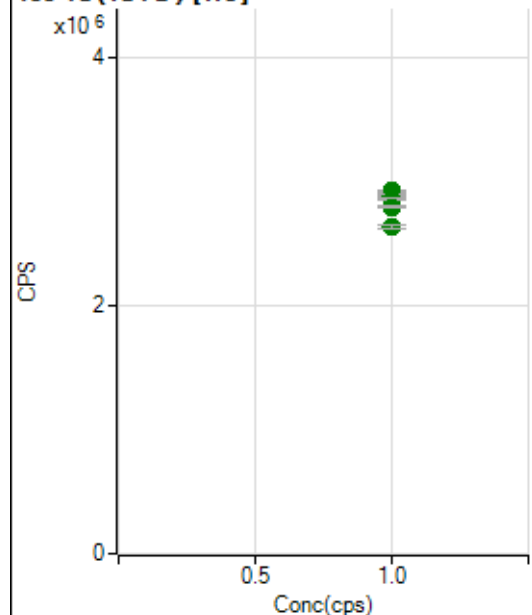
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2740535.62		A	1.8
2	<input type="checkbox"/>	1.000		2812878.68		A	0.8
3	<input type="checkbox"/>	1.000		2855864.73		A	1.8
4	<input type="checkbox"/>	1.000		2750360.27		A	1.0
5	<input type="checkbox"/>	1.000		2666354.12		A	0.6
6	<input type="checkbox"/>	1.000		2622305.93		A	2.3
7	<input type="checkbox"/>	1.000		2577506.15		A	0.7
8	<input type="checkbox"/>	1.000		2419595.53		A	1.8

115 In (ISTD) [He]

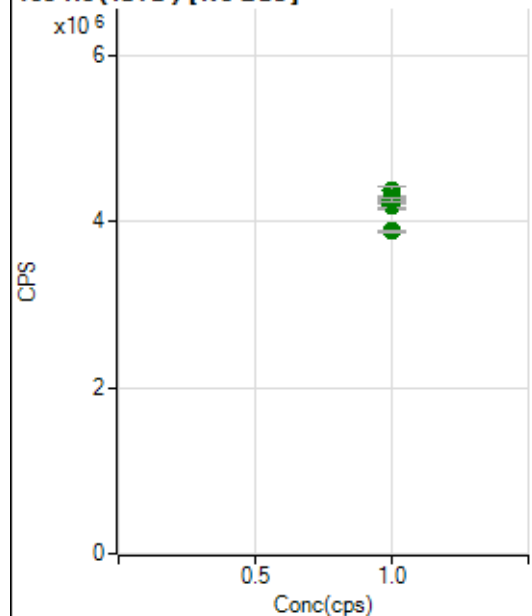
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		926524.04		P	0.2
2	<input type="checkbox"/>	1.000		934445.06		P	0.2
3	<input type="checkbox"/>	1.000		924437.72		P	0.3
4	<input type="checkbox"/>	1.000		890433.35		P	0.3
5	<input type="checkbox"/>	1.000		885429.79		P	1.1
6	<input type="checkbox"/>	1.000		860875.28		P	0.4
7	<input type="checkbox"/>	1.000		829937.75		P	0.6
8	<input type="checkbox"/>	1.000		804610.48		P	0.4

159 Tb (ISTD) [No Gas]

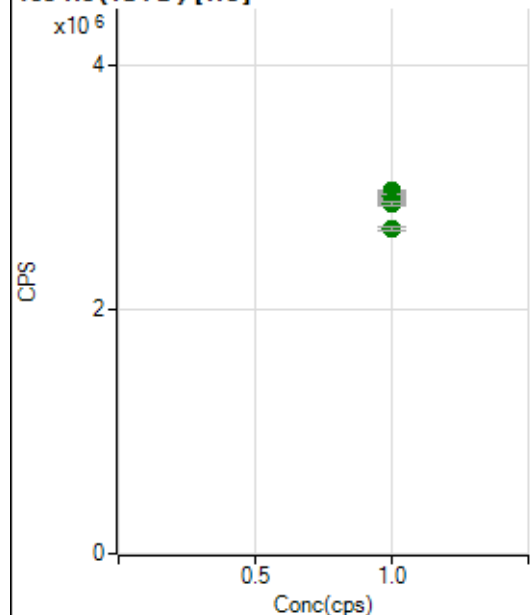
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4211862.58		A	2.3
2	<input type="checkbox"/>	1.000		4338550.94		A	1.0
3	<input type="checkbox"/>	1.000		4405810.18		A	1.1
4	<input type="checkbox"/>	1.000		4315073.41		A	1.4
5	<input type="checkbox"/>	1.000		4259912.85		A	0.6
6	<input type="checkbox"/>	1.000		4280749.10		A	2.6
7	<input type="checkbox"/>	1.000		4260945.63		A	1.6
8	<input type="checkbox"/>	1.000		3941029.39		A	2.0

159 Tb (ISTD) [He]

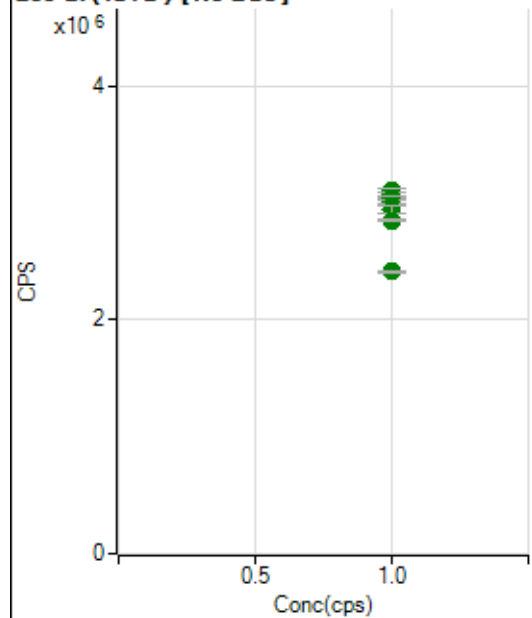
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2902874.09		A	0.5
2	<input type="checkbox"/>	1.000		2920643.43		A	0.8
3	<input type="checkbox"/>	1.000		2895075.37		A	0.6
4	<input type="checkbox"/>	1.000		2859417.80		A	0.3
5	<input type="checkbox"/>	1.000		2878082.18		A	1.5
6	<input type="checkbox"/>	1.000		2855850.24		A	0.3
7	<input type="checkbox"/>	1.000		2791219.78		A	0.5
8	<input type="checkbox"/>	1.000		2635699.37		A	1.0

165 Ho (ISTD) [No Gas]

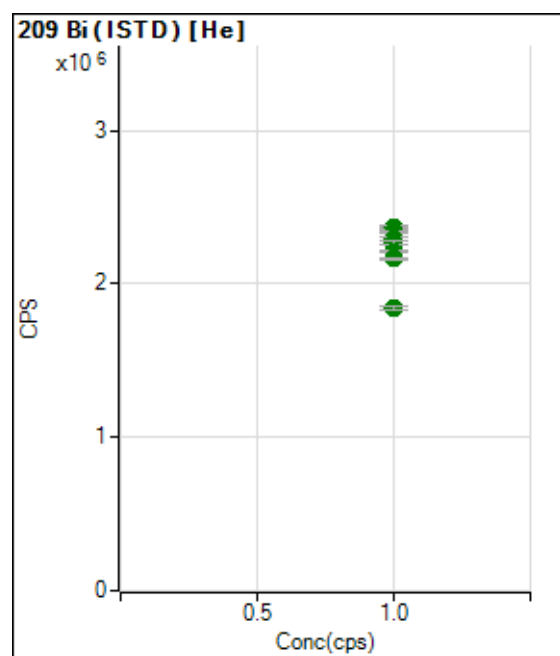
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4181278.37		A	2.2
2	<input type="checkbox"/>	1.000		4293673.83		A	0.7
3	<input type="checkbox"/>	1.000		4366729.55		A	2.4
4	<input type="checkbox"/>	1.000		4273276.43		A	0.9
5	<input type="checkbox"/>	1.000		4232843.72		A	0.7
6	<input type="checkbox"/>	1.000		4216252.57		A	2.3
7	<input type="checkbox"/>	1.000		4251970.35		A	1.0
8	<input type="checkbox"/>	1.000		3886056.02		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2974437.97		A	0.2
2	<input type="checkbox"/>	1.000		2948378.81		A	0.8
3	<input type="checkbox"/>	1.000		2961926.24		A	0.4
4	<input type="checkbox"/>	1.000		2931018.88		A	1.3
5	<input type="checkbox"/>	1.000		2928496.10		A	1.6
6	<input type="checkbox"/>	1.000		2884517.80		A	0.5
7	<input type="checkbox"/>	1.000		2869133.98		A	1.0
8	<input type="checkbox"/>	1.000		2663660.22		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3003365.83		A	2.1
2	<input type="checkbox"/>	1.000		3068028.70		A	1.4
3	<input type="checkbox"/>	1.000		3099891.90		A	1.1
4	<input type="checkbox"/>	1.000		3035048.63		A	1.0
5	<input type="checkbox"/>	1.000		2977406.28		A	0.5
6	<input type="checkbox"/>	1.000		2939799.05		A	1.9
7	<input type="checkbox"/>	1.000		2848691.03		A	0.8
8	<input type="checkbox"/>	1.000		2408022.17		A	1.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2357816.67		A	0.5
2	<input type="checkbox"/>	1.000		2363935.19		A	1.5
3	<input type="checkbox"/>	1.000		2337183.37		A	0.7
4	<input type="checkbox"/>	1.000		2289373.79		A	0.9
5	<input type="checkbox"/>	1.000		2268492.40		A	0.7
6	<input type="checkbox"/>	1.000		2209987.36		A	0.3
7	<input type="checkbox"/>	1.000		2162908.96		A	0.8
8	<input type="checkbox"/>	1.000		1844633.10		A	1.1

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7071424-MSA.b

Acq. Date-Time 2024-07-14 16:06:19

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		3818	38176.11			2.035	5.000
24		35846	358463.05			1.639	5.000
25		4793	47926.78			1.965	5.000
26		5535	55348.12			1.439	5.000
59		32063	320632.51			1.896	5.000
113		4685	46847.14			2.307	5.000
115		58940	589400.02			1.912	5.000
206		17991	179905.69			1.865	5.000
207		16734	167344.61			1.729	5.000
208		38886	388856.97			1.670	5.000
220		0	1.20			86.402	

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

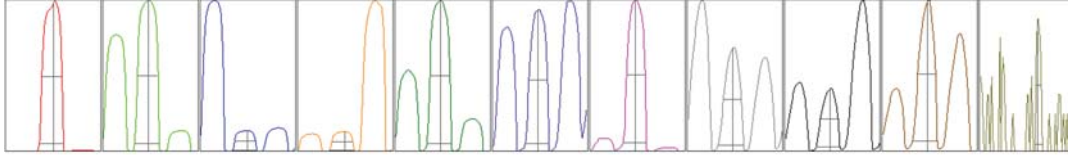
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3860	3871	3820	3855	3683
24	35984	36100	36040	36292	34816
25	4790	4841	4858	4844	4631
26	5561	5559	5574	5586	5394
59	32307	32345	32267	32418	30980
113	4733	4734	4738	4728	4491
115	59465	59348	59386	59571	56930
206	18088	18083	18168	18215	17399
207	16811	16894	16862	16886	16220
208	38822	39167	39219	39429	37791

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	6360.41	9.05	8.90 - 9.10	
24	55902.65	23.95	23.90 - 24.10	
25	7427.04	25.00	24.90 - 25.10	
26	8432.44	26.00	25.90 - 26.10	
59	52162.96	58.95	58.90 - 59.10	
113	8312.03	112.95	112.90 - 113.10	
115	104973.50	114.95	114.90 - 115.10	
206	32934.80	205.95	205.90 - 206.10	
207	29997.38	206.95	206.90 - 207.10	
208	71924.95	207.95	207.90 - 208.10	
220	0.35	220.35	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.765	0.900	
24	0.65	0.784	0.900	
25	0.66	0.755	0.900	
26	0.66	0.784	0.900	
59	0.64	0.784	0.900	
113	0.58	0.754	0.900	
115	0.58	0.742	0.900	
206	0.56	0.812	0.900	
207	0.56	0.743	0.900	
208	0.56	0.781	0.900	
220	0.19	0.244		

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	9.1 V	Deflect	13.4 V
Extract 2	-110.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 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	150 V		

QP Parameters

Mass Gain	134	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.15		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	0.4 mm
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EM

Discriminator	4.6 mV	Analog HV	2312 V	Pulse HV	1396 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		9315	93148.38			0.783	
89		13392	133918.02			0.958	
205		19382	193822.95			0.506	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9226	9427	9328	9295	9298
89	13285	13604	13296	13375	13399
205	19437	19495	19244	19327	19409

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	9.4 V	Deflect	2.6 V
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US EPA Tune Check Report

Extract 2	-120.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-70 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	134	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.15		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	0.4 mm
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EM

Discriminator	4.6 mV	Analog HV	2312 V	Pulse HV	1396 V
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