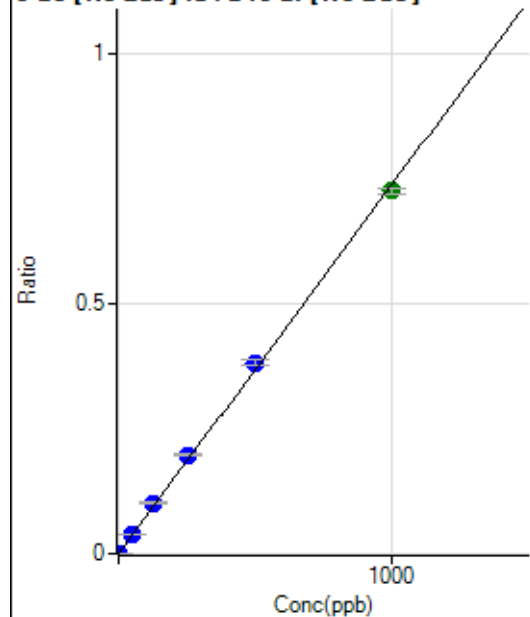


Calibration for 009CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8022723MS.b\
 Analysis File: P8022723MS.batch.bin
 DA Date-Time: 2023-02-27 15:55:29
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-27 12:44:15
2	005CALS.d	S02	2023-02-27 12:47:20
3	006CALS.d	S03	2023-02-27 12:50:26
4	007CALS.d	S04	2023-02-27 12:53:25
5	008CALS.d	S05	2023-02-27 12:56:26
6	009CALS.d	S06	2023-02-27 12:59:24
7	010CALS.d	S07	2023-02-27 13:02:25
8	012CALS.d	S08	2023-02-27 13:08:24

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.75	0.0000	P	23.1
2	☐	1.000	1.088	1892.81	0.0008	P	2.3
3	☐	50.000	51.182	88468.58	0.0378	P	6.0
4	☐	125.000	138.080	221021.52	0.1020	P	5.4
5	☐	250.000	268.580	434243.90	0.1983	P	0.6
6	☐	500.000	518.386	835208.03	0.3828	P	2.8
7	☐	1000.000	984.468	1549250.64	0.7269	A	1.8
8	☐			235.81	0.0001	P	12.1

$$y = 7.3837\text{E-}004 * x + 1.5437\text{E-}005$$

$$R = 0.9995$$

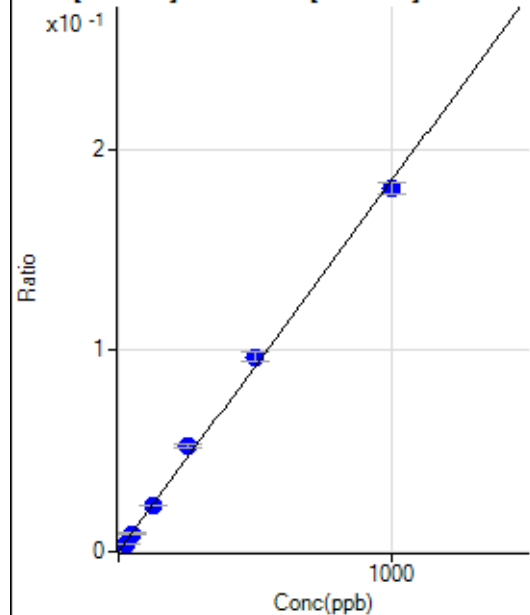
$$DL = 0.01449$$

$$BEC = 0.02091$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	195.96	0.0001	P	8.2
2	☐	25.000	20.278	8848.28	0.0038	P	6.0
3	☐	50.000	47.022	20436.91	0.0088	P	12.1
4	☐	125.000	122.920	49358.36	0.0227	P	1.7
5	☐	250.000	286.324	115763.00	0.0528	P	3.2
6	☐	500.000	525.928	211597.04	0.0970	P	5.7
7	☐	1000.000	978.482	384517.96	0.1804	P	3.2
8	☐			9129.73	0.0044	P	6.6

$$y = 1.8426\text{E-}004 * x + 8.9375\text{E-}005$$

$$R = 0.9985$$

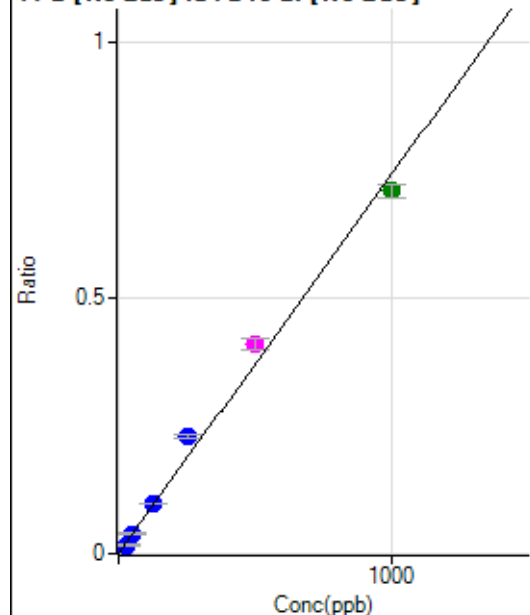
$$DL = 0.1198$$

$$BEC = 0.485$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	807.20	0.0004	P	1.3
2	☐	25.000	21.956	38404.59	0.0166	P	6.3
3	☐	50.000	51.403	89668.67	0.0384	P	10.2
4	☐	125.000	132.093	212935.83	0.0981	P	1.1
5	☐	250.000	311.076	504708.13	0.2304	P	3.0
6	☐	500.000	553.663	893973.20	0.4098	M	5.7
7	☐	1000.000	957.019	1509415.57	0.7081	A	3.4
8	☐			39276.51	0.0188	P	5.3

$$y = 7.3952E-004 * x + 3.6696E-004$$

$$R = 0.9953$$

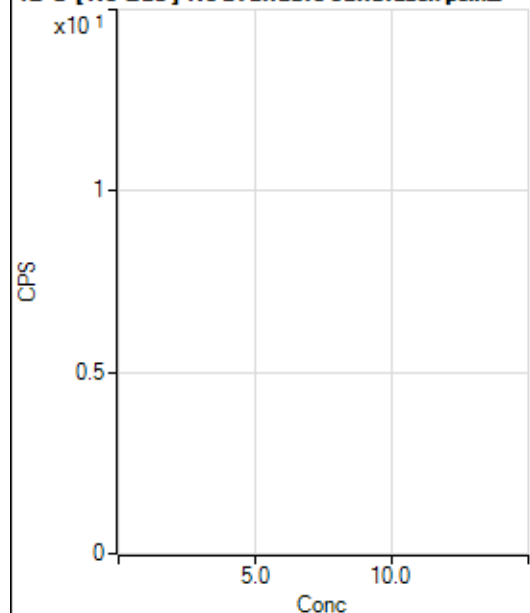
$$DL = 0.01909$$

$$BEC = 0.4962$$

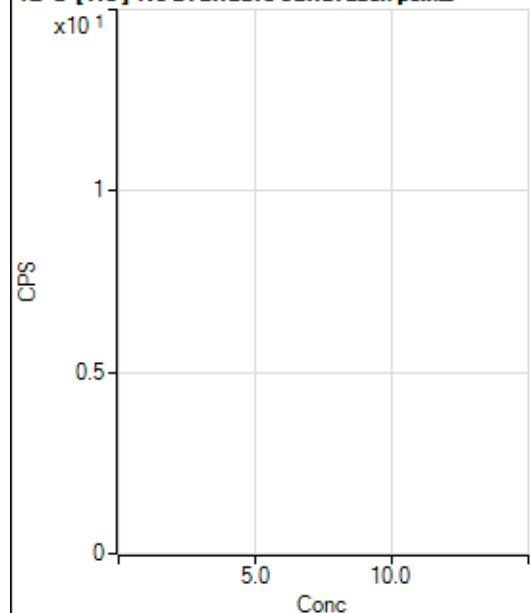
Weight: <None>

Min Conc: 0

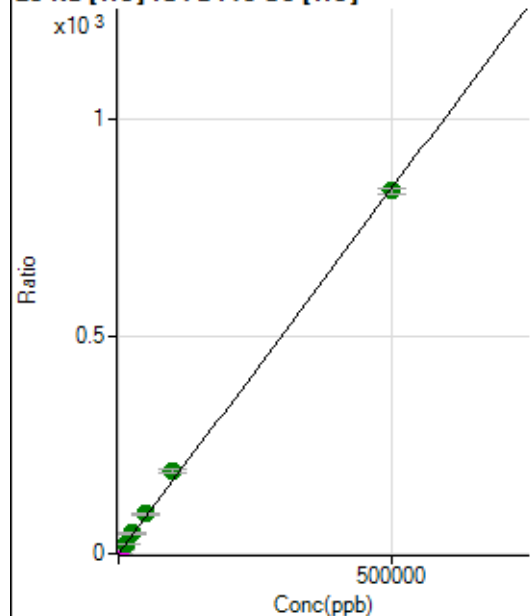
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3356043.39		A	1.8
2	☐			3364055.67		A	1.5
3	☐			3529658.67		A	2.2
4	☐			3552746.57		A	3.2
5	☐			3696509.03		A	3.5
6	☐			3761610.37		A	1.4
7	☐			3930505.13		A	4.2
8	☐			3378702.79		A	2.3

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44607.05		P	0.7
2	☐			45172.81		P	1.1
3	☐			48341.16		P	1.5
4	☐			49843.53		P	2.6
5	☐			52176.50		P	2.9
6	☐			54521.25		P	1.9
7	☐			58840.62		P	1.8
8	☐			49400.26		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9603.39	0.0898	P	6.0
2	☐	500.000	519.175	102628.28	0.9624	P	6.0
3	☐	5000.000	5450.553	1051007.44	9.2512	M	3.4
4	☐	12500.000	13601.004	2504502.68	22.9508	A	1.2
5	☐	25000.000	27722.603	5038494.04	46.6868	A	2.6
6	☐	50000.000	54095.367	9667998.48	91.0149	A	2.9
7	☐	100000.00	112815.82	19895504.61	189.7139	A	5.5
8	☐	500000.00	496859.11	89110527.69	835.2250	A	1.6

$$y = 0.0017 * x + 0.0898$$

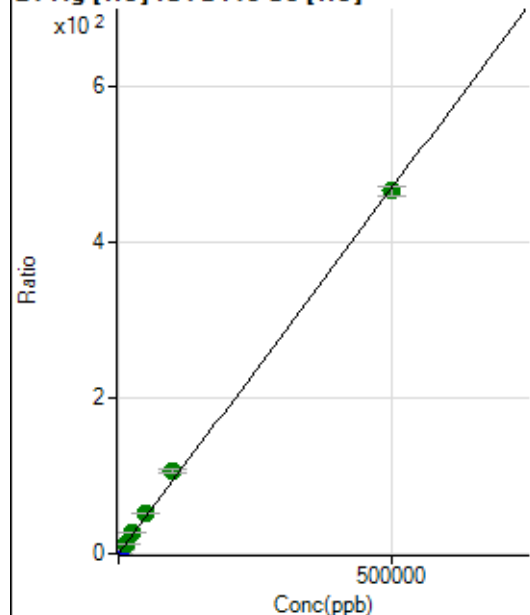
$$R = 0.9996$$

$$DL = 9.584$$

$$BEC = 53.43$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	388.90	0.0037	P	15.5
2	☐	500.000	536.133	53909.02	0.5055	P	5.4
3	☐	5000.000	5558.138	591512.96	5.2065	P	3.1
4	☐	12500.000	14065.925	1436586.38	13.1705	A	3.5
5	☐	25000.000	28184.834	2848076.19	26.3870	A	1.7
6	☐	50000.000	54701.918	5439921.26	51.2092	A	1.5
7	☐	100000.00	113293.80	11125262.66	106.0560	A	4.7
8	☐	500000.00	496667.04	49599772.98	464.9249	A	2.7

$$y = 9.3608\text{E-}004 * x + 0.0037$$

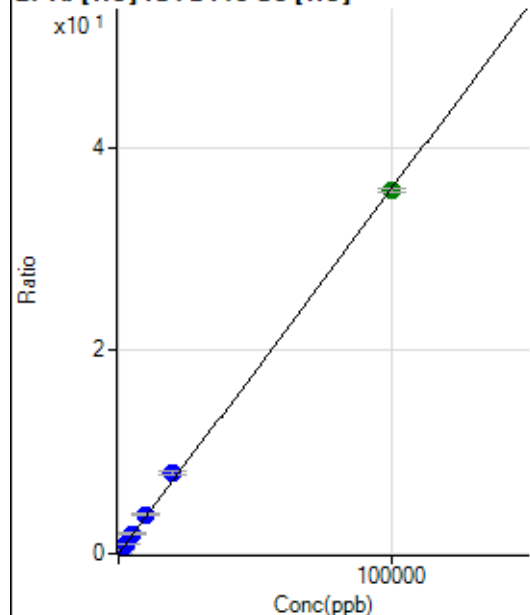
$$R = 0.9996$$

$$DL = 1.816$$

$$BEC = 3.902$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.83	0.0005	P	34.6
2	☐	20.000	20.866	851.17	0.0080	P	5.3
3	☐	1000.000	1068.094	43637.47	0.3841	P	3.4
4	☐	2500.000	2707.525	106143.80	0.9730	P	3.1
5	☐	5000.000	5501.452	213321.47	1.9765	P	2.4
6	☐	10000.000	10742.417	409894.45	3.8589	P	2.4
7	☐	20000.000	22279.317	839202.33	8.0026	P	4.9
8	☐	100000.00	99438.953	3810655.52	35.7164	A	1.0

$$y = 3.5917\text{E-}004 * x + 4.8218\text{E-}004$$

$$R = 0.9997$$

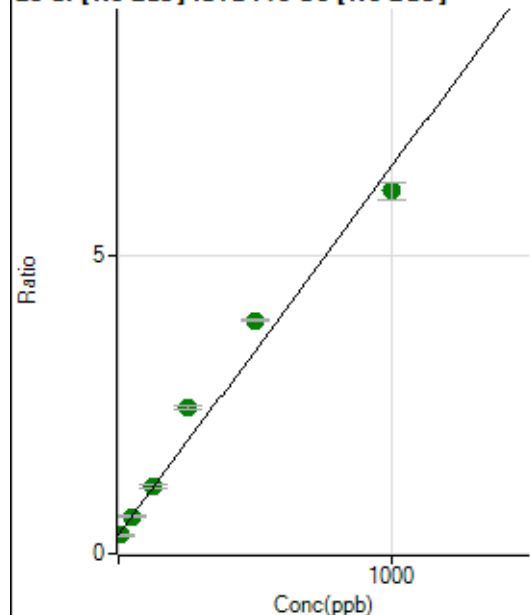
$$DL = 1.395$$

$$BEC = 1.342$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	976430.98	0.3202	A	8.7
2	☐	10.000	-1.177	1010087.13	0.3129	A	4.2
3	☐	50.000	49.584	2080930.71	0.6266	A	7.3
4	☐	125.000	132.352	3415810.19	1.1380	A	4.7
5	☐	250.000	344.805	7579249.39	2.4506	A	1.9
6	☐	500.000	582.731	12037781.87	3.9207	A	1.3
7	☐	1000.000	934.147	19005088.62	6.0920	A	4.4
8	☐			1016597.76	0.3318	A	1.6

$$y = 0.0062 * x + 0.3202$$

$$R = 0.9883$$

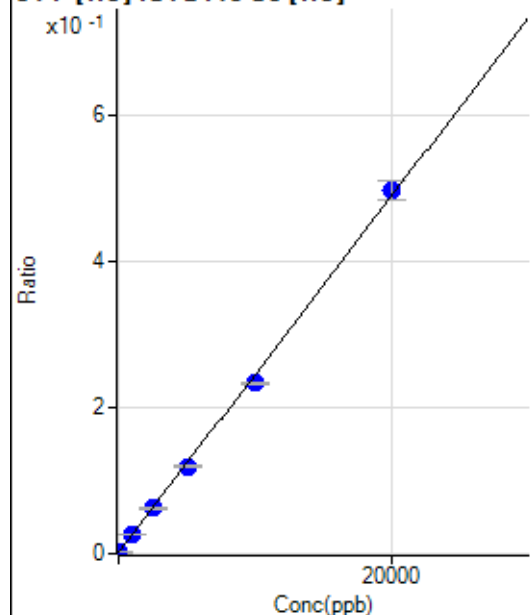
$$DL = 13.46$$

$$BEC = 51.82$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-9.186	133.33	0.0012	P	14.6
2	☐	0.000	9.186	180.56	0.0017	P	25.4
3	☐	1000.000	987.088	2900.37	0.0255	P	2.5
4	☐	2500.000	2478.784	6748.93	0.0619	P	4.3
5	☐	5000.000	4831.185	12867.12	0.1192	P	2.4
6	☐	10000.000	9502.746	24757.88	0.2331	P	0.8
7	☐	20000.000	20294.128	52005.05	0.4961	P	5.3
8	☐			150.01	0.0014	P	6.4

$$y = 2.4371E-005 * x + 0.0015$$

$$R = 0.9995$$

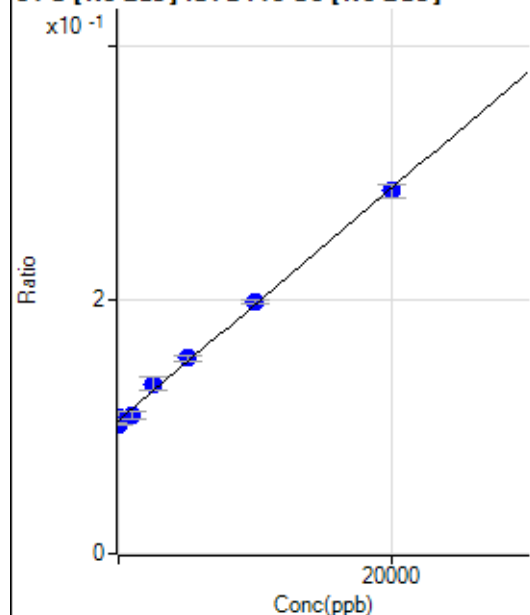
$$DL = 37.76$$

$$BEC = 60.46$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	315.613	329254.31	0.1079	P	7.6
2	☐	0.000	-315.613	329799.32	0.1021	P	2.8
3	☐	1000.000	421.121	361834.67	0.1089	P	5.8
4	☐	2500.000	3137.759	400934.42	0.1337	P	7.2
5	☐	5000.000	5361.262	476331.26	0.1541	P	3.2
6	☐	10000.000	10222.716	609460.62	0.1985	P	1.2
7	☐	20000.000	19747.551	891201.41	0.2856	P	3.4
8	☐			293860.54	0.0959	P	1.6

$$y = 9.1438\text{E-}006 * x + 0.1050$$

$$R = 0.9982$$

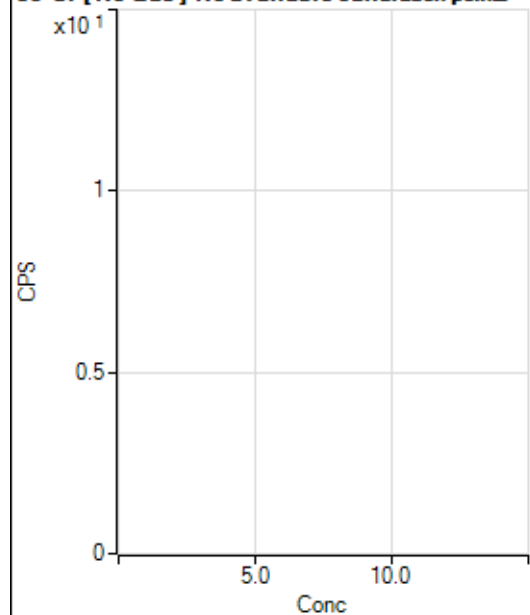
$$DL = 1823$$

$$BEC = 1.149\text{E}+04$$

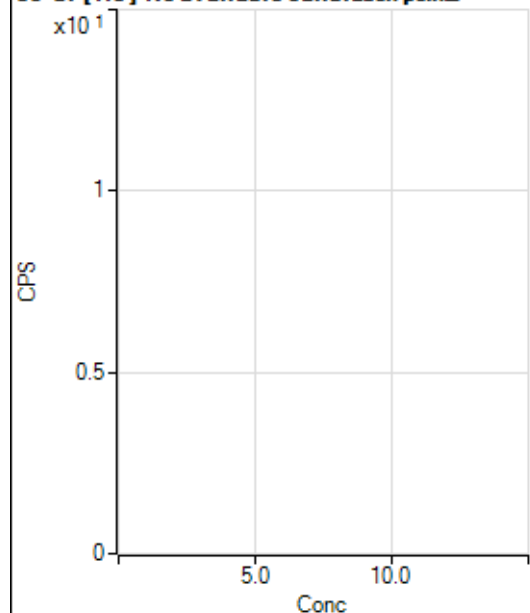
Weight: <None>

Min Conc: 0

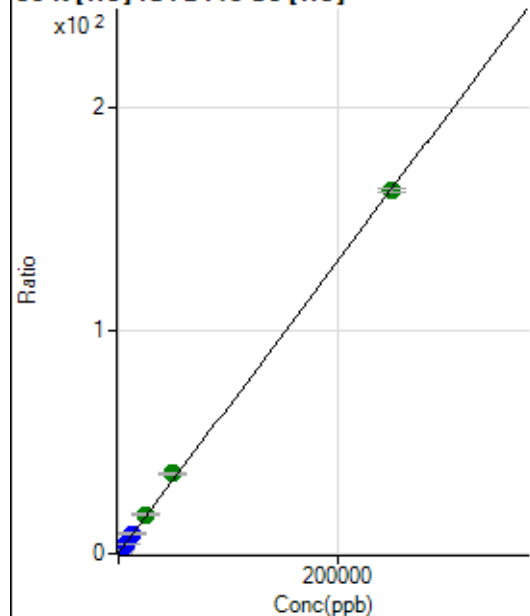
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			109258.03		P	0.6
2	☐			112630.88		P	1.2
3	☐			112062.70		P	0.6
4	☐			112462.69		P	1.0
5	☐			114371.58		P	0.3
6	☐			113377.87		P	0.9
7	☐			117143.64		P	0.7
8	☐			110044.55		P	0.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			788.93		P	12.6
2	☐			783.38		P	1.1
3	☐			930.61		P	10.0
4	☐			938.94		P	2.2
5	☐			922.27		P	8.2
6	☐			855.60		P	14.8
7	☐			852.83		P	1.1
8	☐			933.39		P	4.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25175.21	0.2354	P	5.4
2	☐	500.000	525.573	61721.25	0.5786	P	3.6
3	☐	2500.000	2614.312	220715.91	1.9427	P	1.1
4	☐	6250.000	6648.896	499404.33	4.5775	P	2.5
5	☐	12500.000	13473.426	975085.10	9.0343	P	2.2
6	☐	25000.000	26668.545	1875020.48	17.6515	A	2.5
7	☐	50000.000	54506.486	3759917.62	35.8314	A	3.5
8	☐	250000.00	248872.01	17365420.53	162.7639	A	1.2

$$y = 6.5306E-004 * x + 0.2354$$

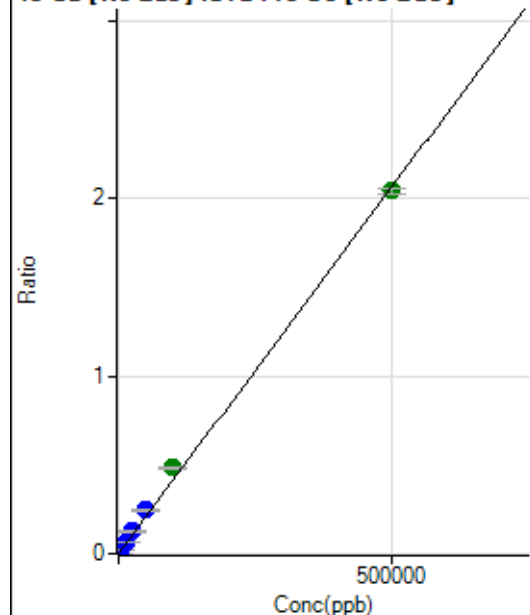
$$R = 0.9998$$

$$DL = 58.9$$

$$BEC = 360.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.99	0.0000	P	12.2
2	☐	500.000	529.661	7153.40	0.0022	P	2.6
3	☐	5000.000	5739.950	78731.74	0.0237	P	6.5
4	☐	12500.000	15821.705	195724.98	0.0653	P	6.9
5	☐	25000.000	30346.612	387138.95	0.1252	P	1.1
6	☐	50000.000	59305.713	750909.03	0.2446	P	1.5
7	☐	100000.00	117494.55	1512421.51	0.4845	A	2.0
8	☐	500000.00	495212.71	6256360.36	2.0419	A	1.7

$$y = 4.1233\text{E-}006 * x + 3.1193\text{E-}005$$

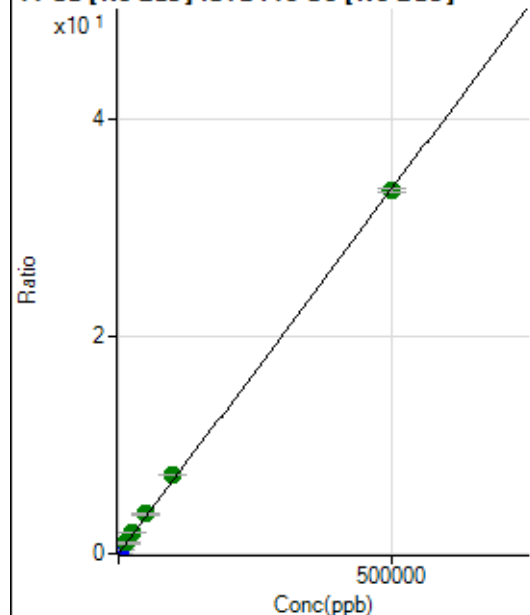
$$R = 0.9993$$

$$DL = 2.776$$

$$BEC = 7.565$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6871.64	0.0023	P	5.7
2	☐	500.000	517.866	119379.09	0.0370	P	1.2
3	☐	5000.000	5377.665	1205063.95	0.3627	P	6.4
4	☐	12500.000	14864.092	2991298.52	0.9986	A	9.3
5	☐	25000.000	28052.784	5822380.91	1.8826	A	1.8
6	☐	50000.000	54647.335	11253423.34	3.6651	A	2.6
7	☐	100000.00	107958.93	22594336.79	7.2385	A	2.0
8	☐	500000.00	497727.94	102235233.2	33.3639	A	0.9

$$y = 6.7028\text{E-}005 * x + 0.0023$$

$$R = 0.9998$$

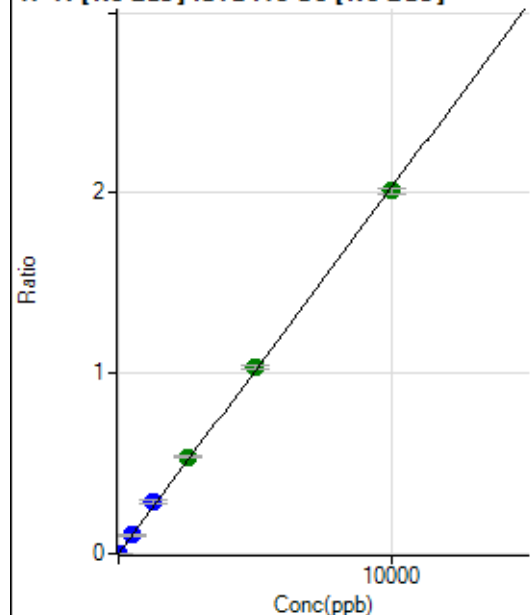
$$DL = 5.746$$

$$BEC = 33.57$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	19.3
2	☐	5.000	5.147	3514.42	0.0011	P	6.0
3	☐	500.000	503.445	339565.12	0.1022	P	7.4
4	☐	1250.000	1415.546	861349.01	0.2874	P	8.1
5	☐	2500.000	2641.122	1658445.74	0.5362	A	1.5
6	☐	5000.000	5074.865	3163222.81	1.0302	A	2.4
7	☐	10000.000	9906.421	6278211.51	2.0110	A	1.6
8	☐			1188.97	0.0004	P	9.8

$$y = 2.0300\text{E-}004 * x + 4.2218\text{E-}005$$

$$R = 0.9997$$

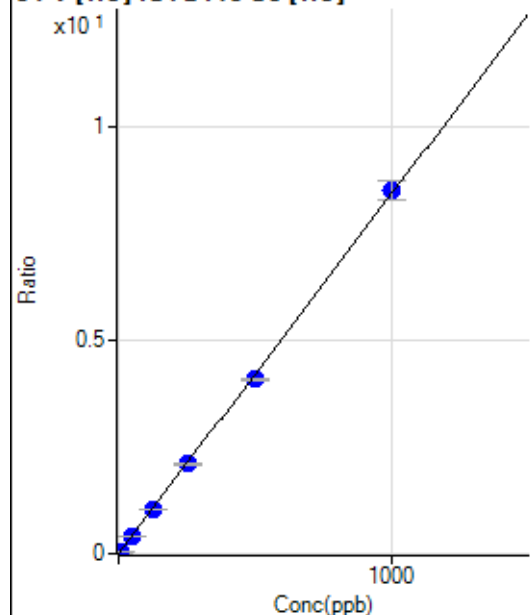
$$DL = 0.1207$$

$$BEC = 0.208$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	96.6
2	☐	5.000	4.792	4312.91	0.0404	P	7.0
3	☐	50.000	48.091	46076.32	0.4056	P	3.2
4	☐	125.000	122.197	112425.81	1.0305	P	2.5
5	☐	250.000	249.795	227355.73	2.1066	P	2.2
6	☐	500.000	483.825	433413.62	4.0801	P	1.4
7	☐	1000.000	1008.586	891654.48	8.5054	P	5.4
8	☐			218.89	0.0021	P	1.7

$$y = 0.0084 * x + 2.9748\text{E-}005$$

$$R = 0.9998$$

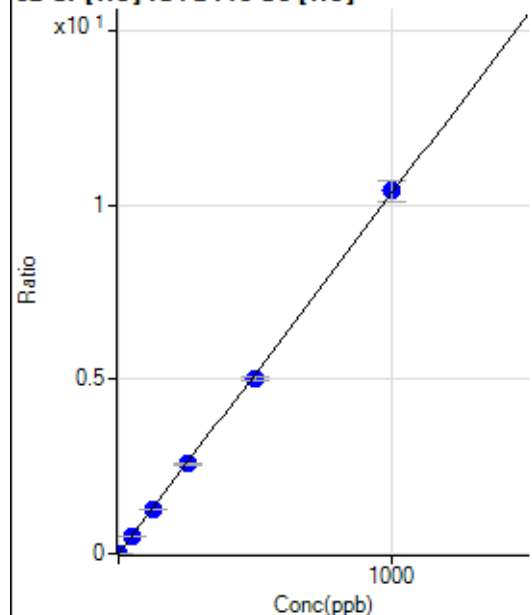
$$DL = 0.01022$$

$$BEC = 0.003528$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	282.23	0.0026	P	8.0
2	☐	2.000	1.929	2403.56	0.0225	P	7.4
3	☐	50.000	48.223	56848.13	0.5004	P	2.5
4	☐	125.000	122.641	138387.78	1.2685	P	2.8
5	☐	250.000	249.277	277997.18	2.5756	P	2.1
6	☐	500.000	484.787	531794.71	5.0066	P	2.7
7	☐	1000.000	1008.171	1091034.39	10.4089	P	5.7
8	☐			9678.90	0.0907	P	5.8

$$y = 0.0103 * x + 0.0026$$

$$R = 0.9998$$

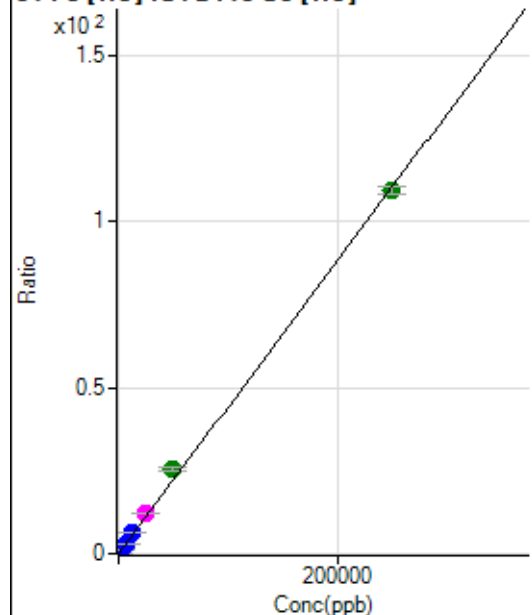
$$DL = 0.06112$$

$$BEC = 0.2549$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	561.13	0.0053	P	15.0
2	☐	50.000	54.796	3139.29	0.0294	P	1.7
3	☐	2500.000	2753.253	138441.20	1.2186	P	2.6
4	☐	6250.000	6914.801	332988.87	3.0525	P	3.0
5	☐	12500.000	14073.876	669986.94	6.2073	P	1.7
6	☐	25000.000	27752.454	1299581.03	12.2351	M	3.5
7	☐	50000.000	58175.685	2688890.22	25.6419	A	4.9
8	☐	250000.00	247991.77	11659585.91	109.2891	A	2.2

$$y = 4.4068E-004 * x + 0.0053$$

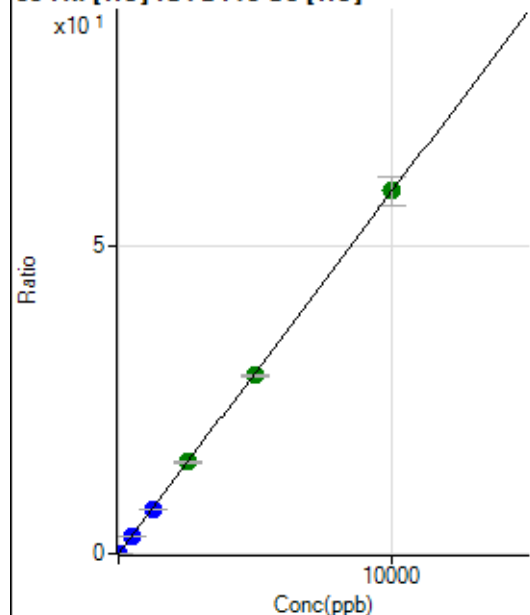
$$R = 0.9994$$

$$DL = 5.401$$

$$BEC = 11.96$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.45	0.0003	P	21.8
2	☐	1.000	0.979	647.80	0.0061	P	14.0
3	☐	500.000	479.443	320440.00	2.8206	P	3.1
4	☐	1250.000	1225.576	786504.89	7.2096	P	3.0
5	☐	2500.000	2527.072	1604718.43	14.8654	A	0.8
6	☐	5000.000	4933.017	3082638.08	29.0180	A	1.0
7	☐	10000.000	10030.804	6178784.00	59.0049	A	7.7
8	☐			5779.01	0.0542	P	2.8

$$y = 0.0059 * x + 3.2216E-004$$

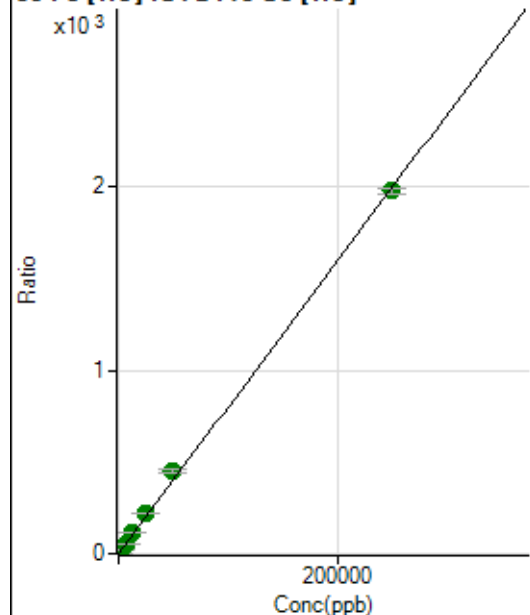
$$R = 1.0000$$

$$DL = 0.03585$$

$$BEC = 0.05477$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2257.62	0.0211	P	9.0
2	☐	50.000	53.742	47873.37	0.4490	P	6.0
3	☐	2500.000	2818.152	2551013.37	22.4554	A	3.8
4	☐	6250.000	6971.936	6054919.18	55.5220	A	4.6
5	☐	12500.000	14300.319	12290800.39	113.8605	A	0.8
6	☐	25000.000	27619.697	23360097.51	219.8909	A	0.7
7	☐	50000.000	56613.591	47251275.59	450.7001	A	5.3
8	☐	250000.00	248304.06	210884973.2	1.976.674	A	1.9

$$y = 0.0080 * x + 0.0211$$

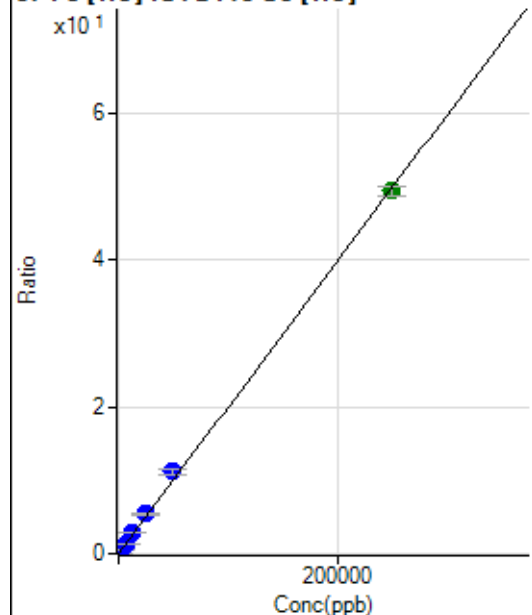
$$R = 0.9996$$

$$DL = 0.7169$$

$$BEC = 2.656$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	196.30	0.0018	P	16.2
2	☐	50.000	54.182	1342.68	0.0126	P	10.0
3	☐	2500.000	2731.396	61906.53	0.5449	P	2.8
4	☐	6250.000	6938.375	150670.97	1.3814	P	4.0
5	☐	12500.000	13946.099	299513.85	2.7748	P	0.3
6	☐	25000.000	27101.153	572608.85	5.3904	P	1.3
7	☐	50000.000	56028.600	1167912.14	11.1422	P	5.8
8	☐	250000.00	248492.33	5271223.38	49.4103	A	2.8

$$y = 1.9883\text{E-}004 * x + 0.0018$$

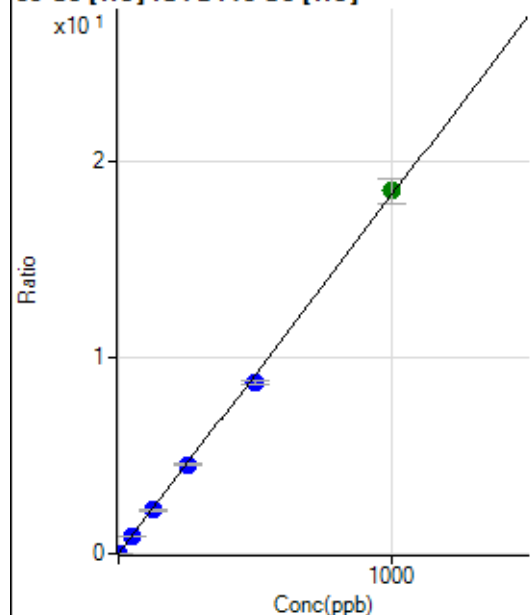
$$R = 0.9997$$

$$DL = 4.442$$

$$BEC = 9.162$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.56	0.0003	P	58.3
2	☐	1.000	0.970	1925.71	0.0181	P	5.3
3	☐	50.000	48.178	100097.07	0.8811	P	2.2
4	☐	125.000	122.527	244402.09	2.2402	P	3.2
5	☐	250.000	248.869	491112.29	4.5498	P	0.9
6	☐	500.000	477.209	926689.58	8.7241	P	2.2
7	☐	1000.000	1012.079	1938953.04	18.5019	A	6.6
8	☐			1452.31	0.0136	P	8.1

$$y = 0.0183 * x + 3.3151\text{E-}004$$

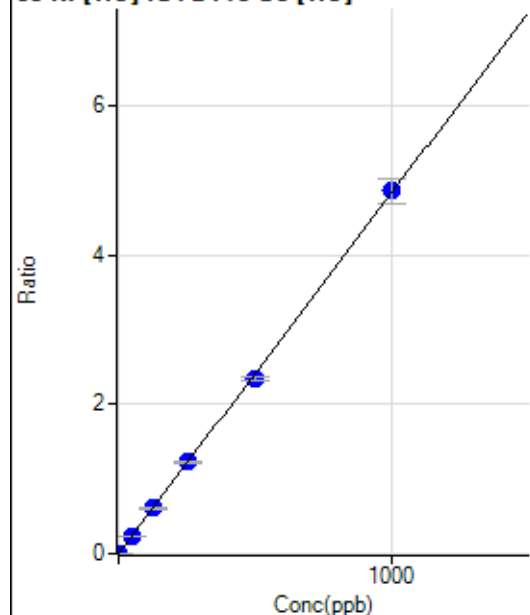
$$R = 0.9996$$

$$DL = 0.03169$$

$$BEC = 0.01813$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0002	P	18.1
2	☐	1.000	0.948	510.01	0.0048	P	11.3
3	☐	50.000	49.640	27306.29	0.2404	P	2.4
4	☐	125.000	125.831	66432.35	0.6090	P	2.9
5	☐	250.000	253.607	132449.93	1.2271	P	3.1
6	☐	500.000	485.851	249708.52	2.3507	P	2.5
7	☐	1000.000	1006.087	509953.21	4.8676	P	7.0
8	☐			1484.54	0.0139	P	3.6

$$y = 0.0048 * x + 1.9703E-004$$

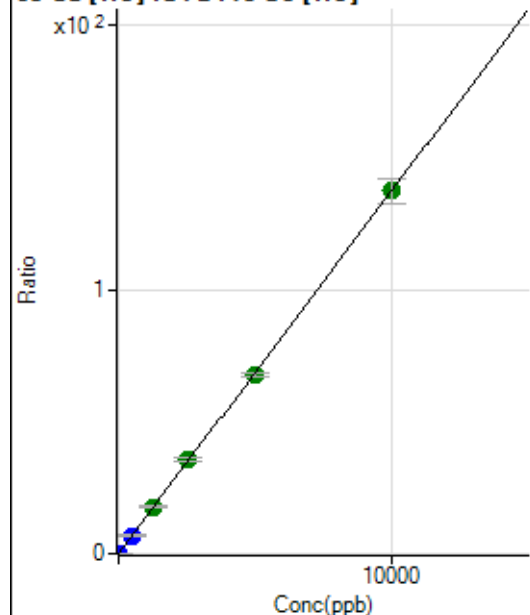
$$R = 0.9998$$

$$DL = 0.02209$$

$$BEC = 0.04072$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	362.23	0.0034	P	10.0
2	☐	2.000	2.110	3448.23	0.0324	P	8.6
3	☐	500.000	500.066	780014.48	6.8658	P	2.5
4	☐	1250.000	1289.825	1931070.51	17.7038	A	3.7
5	☐	2500.000	2591.108	3838414.39	35.5614	A	3.0
6	☐	5000.000	4937.119	7197002.25	67.7558	A	2.5
7	☐	10000.000	10003.682	14383700.90	137.2847	A	6.7
8	☐			3331.53	0.0312	P	3.9

$$y = 0.0137 * x + 0.0034$$

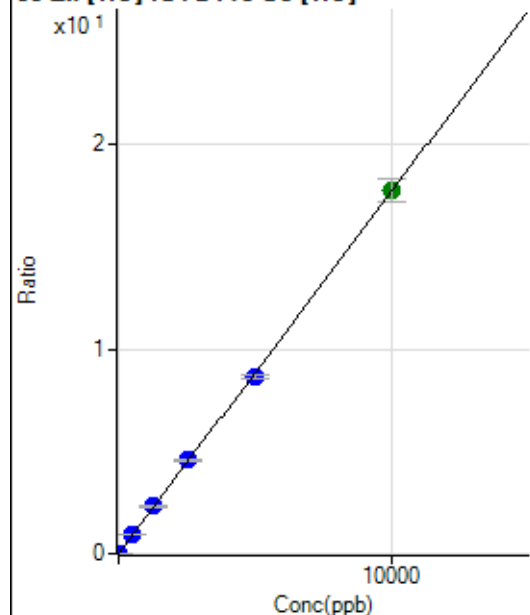
$$R = 0.9999$$

$$DL = 0.07392$$

$$BEC = 0.2472$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.22	0.0010	P	6.1
2	☐	2.000	2.496	573.35	0.0054	P	7.8
3	☐	500.000	512.321	103182.86	0.9082	P	2.1
4	☐	1250.000	1302.844	251821.16	2.3082	P	2.7
5	☐	2500.000	2586.143	494463.79	4.5807	P	2.0
6	☐	5000.000	4906.138	922998.97	8.6892	P	2.1
7	☐	10000.000	10018.174	1859130.92	17.7421	A	6.4
8	☐			1793.47	0.0168	P	1.3

$$y = 0.0018 * x + 9.5518E-004$$

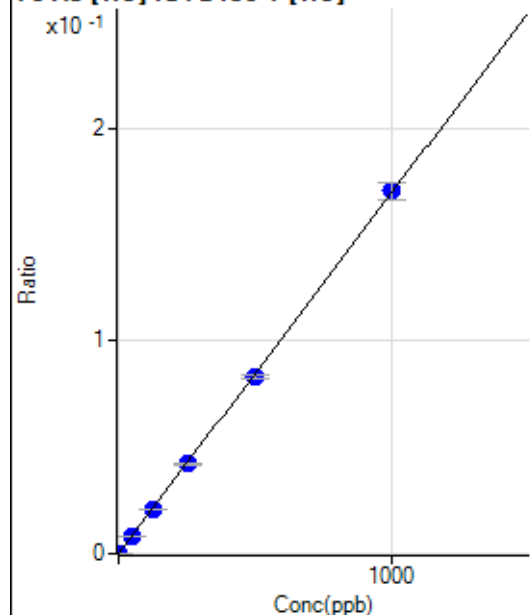
$$R = 0.9999$$

$$DL = 0.09865$$

$$BEC = 0.5394$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.33	0.0000	P	87.3
2	☐	1.000	1.088	133.01	0.0002	P	8.4
3	☐	50.000	49.283	6260.02	0.0084	P	3.9
4	☐	125.000	123.043	15198.34	0.0209	P	3.3
5	☐	250.000	248.821	30209.14	0.0422	P	2.4
6	☐	500.000	490.448	58010.41	0.0832	P	2.1
7	☐	1000.000	1005.351	117066.48	0.1705	P	4.9
8	☐			24.33	0.0000	P	5.0

$$y = 1.6957E-004 * x + 1.8661E-006$$

$$R = 0.9999$$

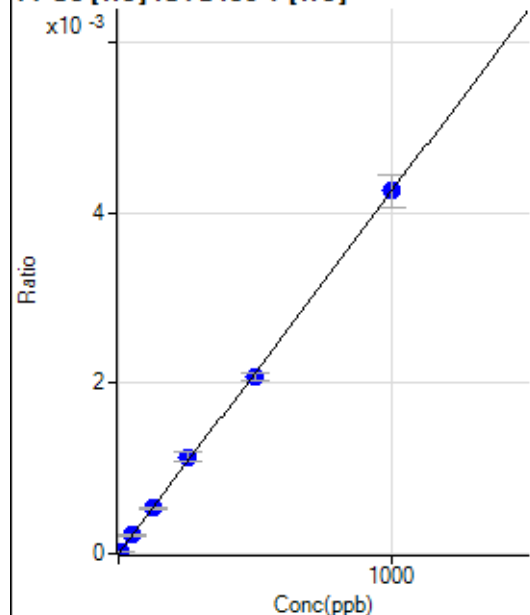
$$DL = 0.02882$$

$$BEC = 0.011$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.143	15.56	0.0000	P	34.5
3	☐	50.000	51.271	163.34	0.0002	P	5.1
4	☐	125.000	125.371	388.90	0.0005	P	6.6
5	☐	250.000	266.266	810.03	0.0011	P	9.7
6	☐	500.000	488.793	1450.09	0.0021	P	3.9
7	☐	1000.000	1001.426	2920.33	0.0043	P	8.7
8	☐			0.00	0.0000	P	

$$y = 4.2532\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

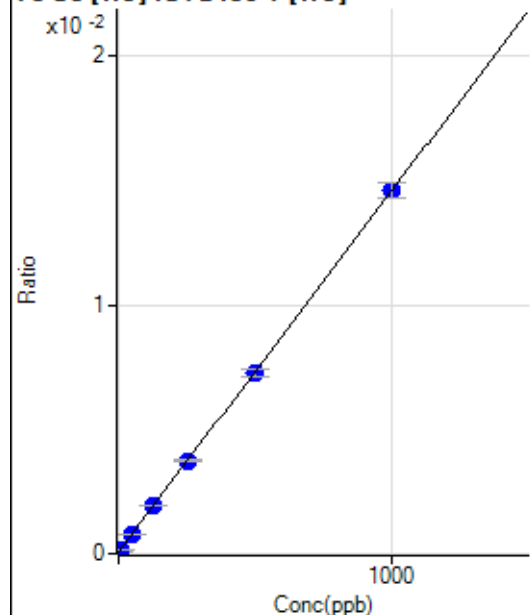
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.01	0.0001	P	20.2
2	☐	5.000	6.008	116.68	0.0002	P	7.6
3	☐	50.000	48.749	586.41	0.0008	P	4.7
4	☐	125.000	127.895	1406.22	0.0019	P	2.3
5	☐	250.000	251.916	2669.86	0.0037	P	1.4
6	☐	500.000	496.614	5075.43	0.0073	P	4.0
7	☐	1000.000	1000.910	10018.57	0.0146	P	4.3
8	☐			58.01	0.0001	P	3.4

$$y = 1.4500\text{E-}005 * x + 7.6062\text{E-}005$$

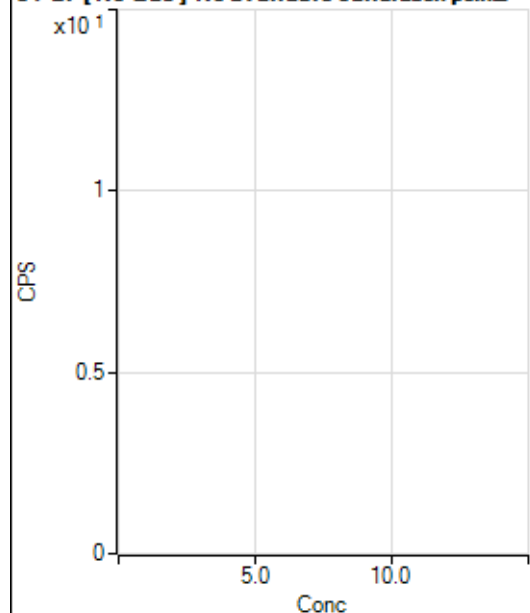
$$R = 1.0000$$

$$DL = 3.176$$

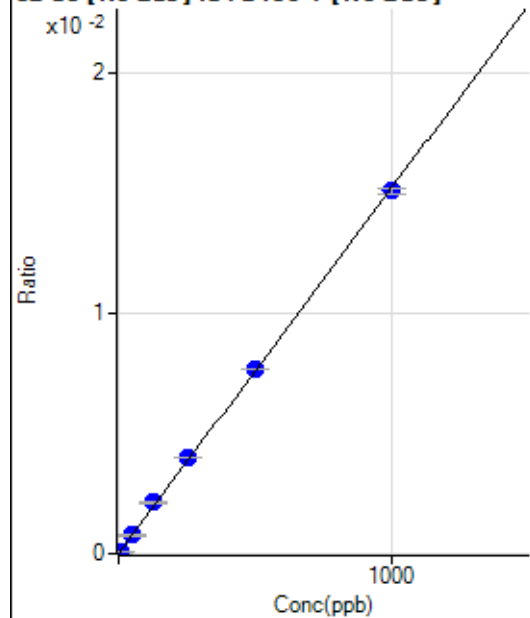
$$BEC = 5.246$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44306.12		P	1.2
2	☐			44614.25		P	2.7
3	☐			44195.77		P	3.4
4	☐			43683.57		P	4.5
5	☐			42800.08		P	2.7
6	☐			42625.78		P	0.5
7	☐			41587.92		P	3.6
8	☐			42779.47		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.41	0.0000	P	81.5
2	☐	5.000	5.172	521.62	0.0001	P	19.2
3	☐	50.000	50.258	4850.34	0.0008	P	5.5
4	☐	125.000	139.672	12398.36	0.0021	P	6.5
5	☐	250.000	263.750	23834.78	0.0040	P	0.1
6	☐	500.000	504.514	45397.87	0.0077	P	0.2
7	☐	1000.000	992.458	87815.96	0.0151	P	1.9
8	☐			139.15	0.0000	P	30.1

$$y = 1.5228\text{E-}005 * x + 6.0094\text{E-}006$$

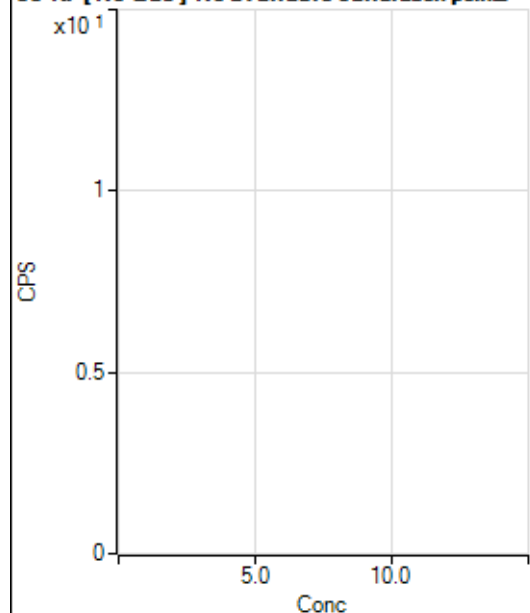
$$R = 0.9998$$

$$DL = 0.9649$$

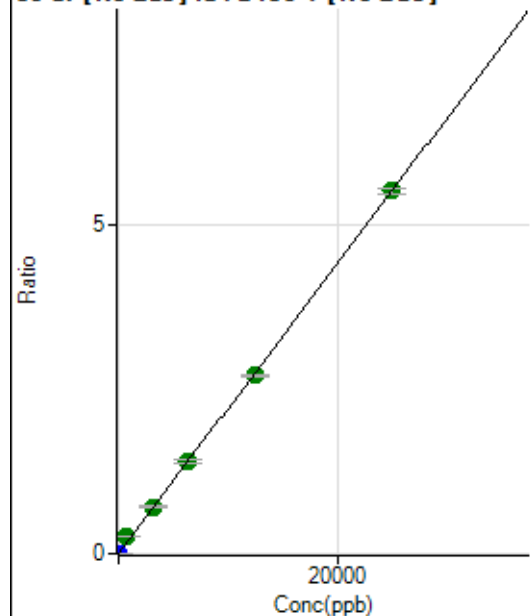
$$BEC = 0.3946$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			297.47		P	7.8
2	☐			288.72		P	11.2
3	☐			288.72		P	2.3
4	☐			301.64		P	4.2
5	☐			309.13		P	5.3
6	☐			310.39		P	1.9
7	☐			323.30		P	0.4
8	☐			319.55		P	8.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	516.69	0.0001	P	2.6
2	☐	1.000	0.992	1897.41	0.0003	P	7.6
3	☐	625.000	1204.341	1671869.95	0.2659	A	5.8
4	☐	3125.000	3237.971	4154503.56	0.7148	A	6.6
5	☐	6250.000	6357.278	8312349.06	1.4033	A	3.2
6	☐	12500.000	12302.192	16032973.45	2.7155	A	0.5
7	☐	25000.000	25043.479	32115914.96	5.5277	A	1.3
8	☐			8227.72	0.0014	P	5.0

$$y = 2.2072E-004 * x + 8.9019E-005$$

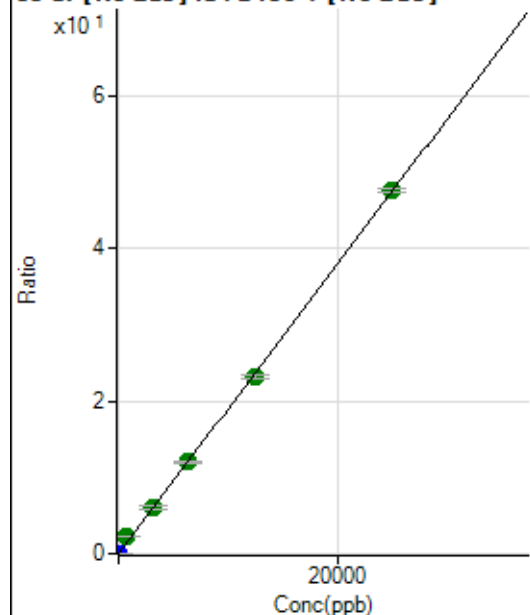
$$R = 0.9997$$

$$DL = 0.03176$$

$$BEC = 0.4033$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	31.4
2	☐	1.000	0.959	11352.11	0.0018	P	2.4
3	☐	625.000	1187.947	14149613.51	2.2513	A	6.8
4	☐	3125.000	3211.116	35367410.51	6.0853	A	6.7
5	☐	6250.000	6334.203	71137218.95	12.0038	A	1.1
6	☐	12500.000	12225.532	136783007.2	23.1684	A	1.9
7	☐	25000.000	25091.345	276225520.0	47.5501	A	0.9
8	☐			67837.86	0.0114	P	2.6

$$y = 0.0019 * x + 2.3644E-005$$

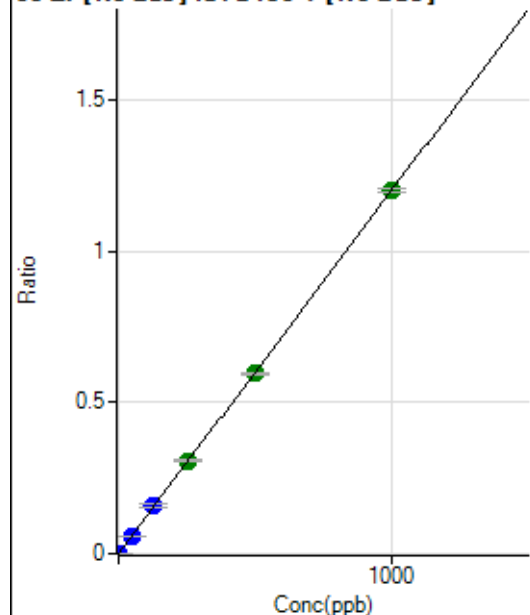
$$R = 0.9997$$

$$DL = 0.01177$$

$$BEC = 0.01248$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.78	0.0000	P	7.8
2	☐	1.000	0.906	6982.49	0.0011	P	3.1
3	☐	50.000	48.400	365464.62	0.0582	P	7.3
4	☐	125.000	133.292	930344.83	0.1601	P	7.0
5	☐	250.000	255.805	1820036.70	0.3072	A	1.9
6	☐	500.000	496.462	3520394.39	0.5962	A	0.8
7	☐	1000.000	999.361	6971050.85	1.2001	A	1.2
8	☐			1544.57	0.0003	P	7.5

$$y = 0.0012 * x + 4.3611E-005$$

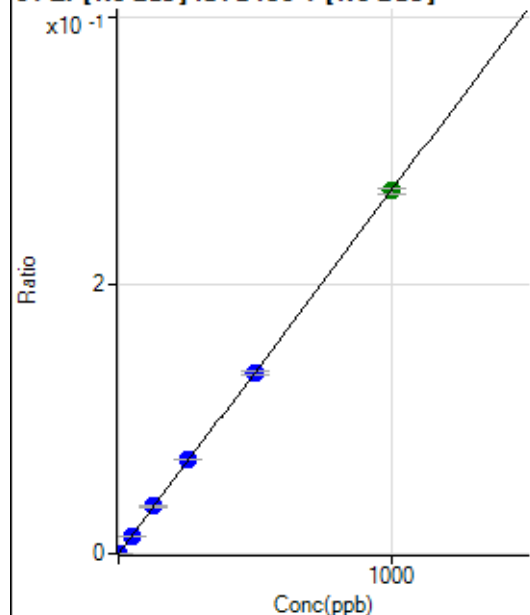
$$R = 0.9999$$

$$DL = 0.0085$$

$$BEC = 0.03632$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	39.7
2	☐	1.000	0.927	1594.58	0.0003	P	10.4
3	☐	50.000	47.199	80256.82	0.0128	P	7.1
4	☐	125.000	129.809	203963.75	0.0351	P	7.8
5	☐	250.000	258.425	414160.63	0.0699	P	0.4
6	☐	500.000	497.744	794805.84	0.1346	P	1.2
7	☐	1000.000	998.561	1568483.20	0.2700	A	1.9
8	☐			336.12	0.0001	P	28.9

$$y = 2.7042\text{E-}004 * x + 7.7033\text{E-}006$$

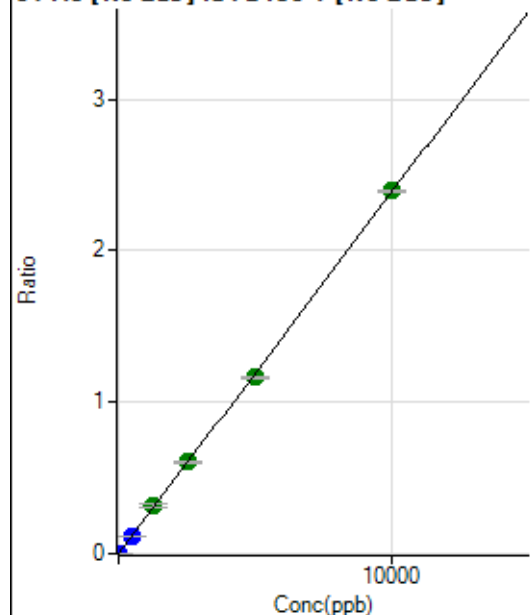
$$R = 0.9999$$

$$DL = 0.03391$$

$$BEC = 0.02849$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	27.9
2	☐	5.000	5.941	8808.54	0.0014	P	7.2
3	☐	500.000	486.419	729265.17	0.1160	P	5.5
4	☐	1250.000	1310.592	1815179.34	0.3124	A	7.8
5	☐	2500.000	2534.130	3579118.09	0.6041	A	1.9
6	☐	5000.000	4879.380	6867937.57	1.1632	A	0.3
7	☐	10000.000	10044.882	13911289.37	2.3945	A	0.6
8	☐			3517.20	0.0006	P	3.7

$$y = 2.3838\text{E-}004 * x + 1.3249\text{E-}005$$

$$R = 0.9999$$

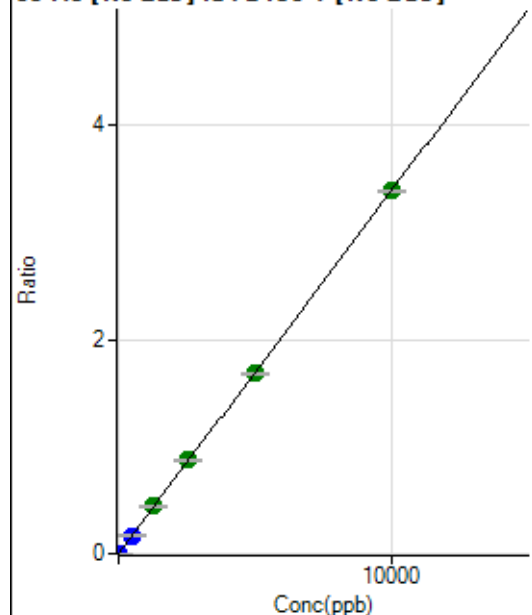
$$DL = 0.04656$$

$$BEC = 0.05558$$

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	☐	0.000	0.000	22.22	0.0000	P	25.1
2	☐	5.000	4.812	10076.12	0.0016	P	4.8
3	☐	500.000	490.054	1043720.02	0.1661	P	6.9
4	☐	1250.000	1308.647	2578620.35	0.4434	A	5.8
5	☐	2500.000	2573.091	5166122.99	0.8719	A	1.4
6	☐	5000.000	4962.096	9927531.56	1.6814	A	0.8
7	☐	10000.000	9993.846	19674071.28	3.3864	A	0.7
8	☐			4545.29	0.0008	P	4.8

$$y = 3.3885E-004 * x + 3.8555E-006$$

$$R = 0.9999$$

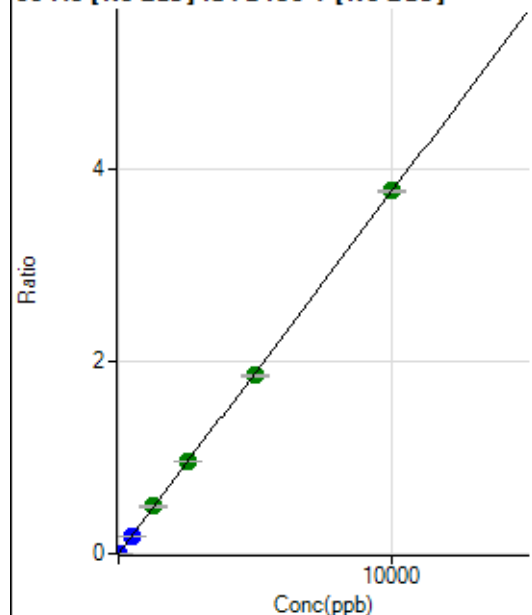
$$DL = 0.008582$$

$$BEC = 0.01138$$

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	☐	0.000	0.000	61.11	0.0000	P	22.6
2	☐	5.000	5.048	11763.66	0.0019	P	3.1
3	☐	500.000	480.311	1134483.78	0.1805	P	7.4
4	☐	1250.000	1310.531	2863836.78	0.4926	A	6.2
5	☐	2500.000	2535.426	5646699.34	0.9530	A	0.8
6	☐	5000.000	4922.912	10926241.65	1.8504	A	0.9
7	☐	10000.000	10023.106	21887875.49	3.7674	A	0.5
8	☐			12564.32	0.0021	P	2.6

$$y = 3.7587E-004 * x + 1.0417E-005$$

$$R = 0.9999$$

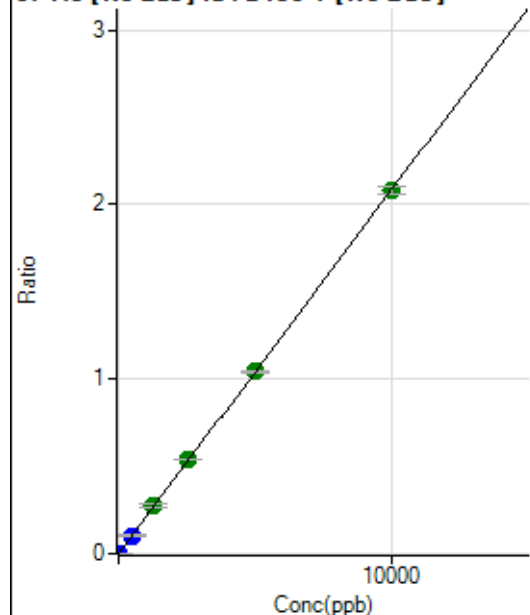
$$DL = 0.01876$$

$$BEC = 0.02771$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	173.
2	☐	5.000	5.005	6443.35	0.0010	P	2.2
3	☐	500.000	493.878	647145.76	0.1029	P	6.3
4	☐	1250.000	1303.337	1578413.60	0.2717	A	7.5
5	☐	2500.000	2578.230	3184732.60	0.5374	A	0.6
6	☐	5000.000	5000.835	6153851.74	1.0424	A	1.6
7	☐	10000.000	9973.664	12077759.56	2.0789	A	2.1
8	☐			2950.39	0.0005	P	5.2

$$y = 2.0844\text{E-}004 * x + 1.3922\text{E-}006$$

$$R = 1.0000$$

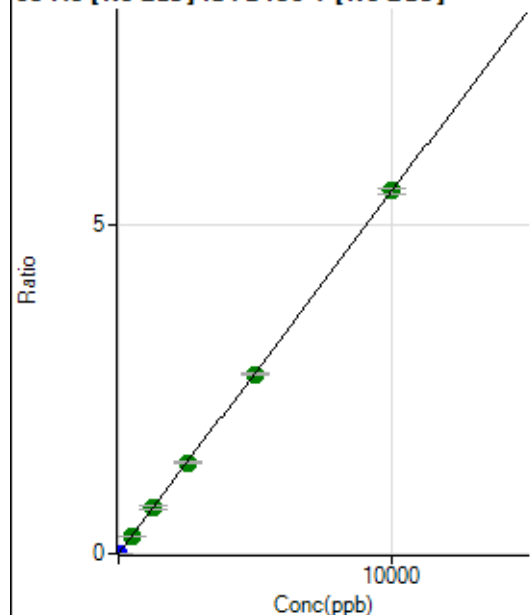
$$DL = 0.03471$$

$$BEC = 0.006679$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	95.9
2	☐	5.000	4.972	16896.86	0.0027	P	1.0
3	☐	500.000	468.964	1623197.92	0.2583	A	7.2
4	☐	1250.000	1293.462	4139067.11	0.7124	A	7.4
5	☐	2500.000	2506.244	8180057.74	1.3803	A	1.3
6	☐	5000.000	4953.028	16105521.89	2.7279	A	0.8
7	☐	10000.000	10018.044	32057260.44	5.5175	A	1.3
8	☐			6582.32	0.0011	P	5.3

$$y = 5.5075\text{E-}004 * x + 1.4321\text{E-}006$$

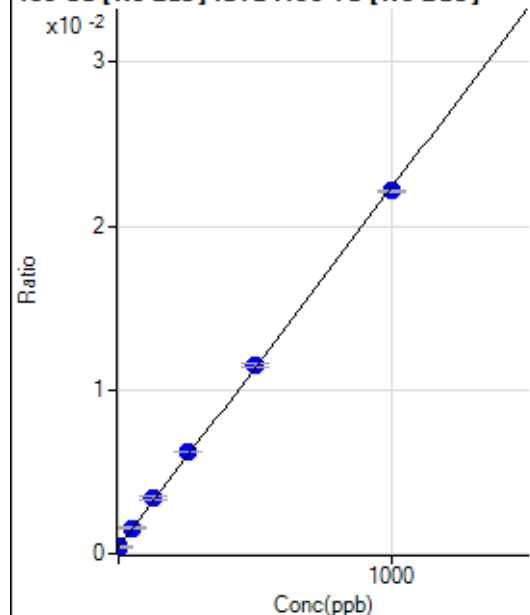
$$R = 1.0000$$

$$DL = 0.007483$$

$$BEC = 0.0026$$

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	☐	0.000	0.000	2064.10	0.0004	P	2.3
2	☐	1.000	1.630	2389.17	0.0004	P	7.4
3	☐	50.000	53.072	8841.97	0.0016	P	6.3
4	☐	125.000	138.389	17995.54	0.0034	P	5.3
5	☐	250.000	267.146	33421.79	0.0063	P	0.7
6	☐	500.000	506.113	62662.93	0.0115	P	1.7
7	☐	1000.000	990.829	118888.86	0.0221	P	0.5
8	☐			2097.44	0.0004	P	5.5

$$y = 2.1951\text{E-}005 * x + 3.8938\text{E-}004$$

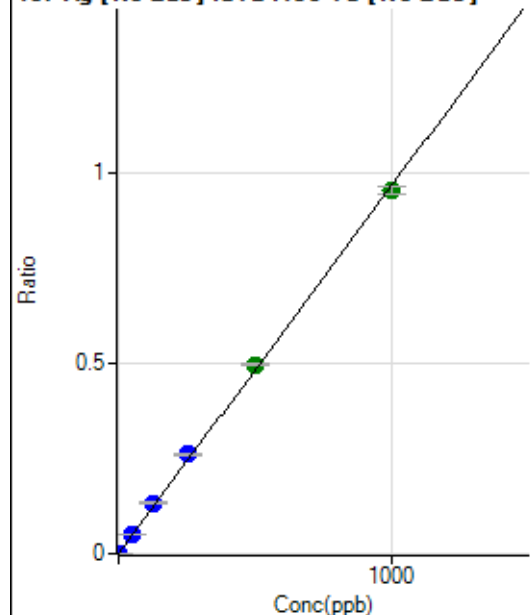
$$R = 0.9998$$

$$DL = 1.226$$

$$BEC = 17.74$$

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	☐	0.000	0.000	75.00	0.0000	P	45.3
2	☐	1.000	1.035	5695.78	0.0010	P	6.7
3	☐	50.000	51.656	284047.49	0.0499	P	6.2
4	☐	125.000	138.485	702826.03	0.1338	P	5.0
5	☐	250.000	270.999	1399356.17	0.2619	P	1.9
6	☐	500.000	513.033	2701851.47	0.4958	A	0.8
7	☐	1000.000	986.465	5118392.78	0.9533	A	2.0
8	☐			2333.59	0.0004	P	11.3

$$y = 9.6640\text{E-}004 * x + 1.4416\text{E-}005$$

$$R = 0.9996$$

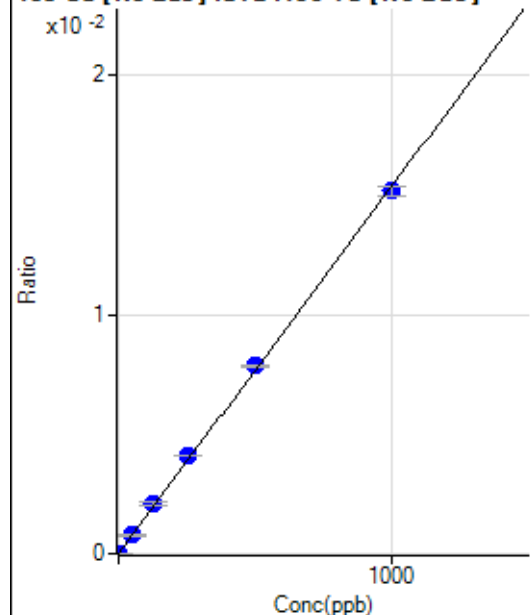
$$DL = 0.02028$$

$$BEC = 0.01492$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.28	0.0000	P	41.5
2	☐	1.000	1.100	111.11	0.0000	P	30.1
3	☐	50.000	50.571	4435.51	0.0008	P	4.7
4	☐	125.000	136.616	11010.06	0.0021	P	9.3
5	☐	250.000	267.105	21932.93	0.0041	P	0.8
6	☐	500.000	511.627	42824.79	0.0079	P	0.6
7	☐	1000.000	988.429	81503.49	0.0152	P	2.4
8	☐			27.78	0.0000	P	39.7

$$y = 1.5354\text{E-}005 * x + 2.8957\text{E-}006$$

$$R = 0.9997$$

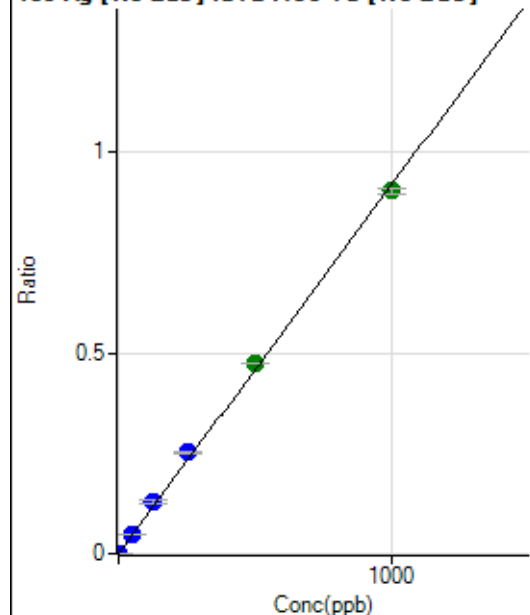
$$DL = 0.2345$$

$$BEC = 0.1886$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0000	P	63.5
2	☐	1.000	1.086	5640.23	0.0010	P	6.3
3	☐	50.000	51.705	270010.95	0.0475	P	7.0
4	☐	125.000	140.101	674780.49	0.1286	P	7.6
5	☐	250.000	274.116	1344644.66	0.2517	P	2.1
6	☐	500.000	515.631	2580373.30	0.4734	A	0.5
7	☐	1000.000	984.182	4852807.96	0.9036	A	1.5
8	☐			2139.11	0.0004	P	1.6

$$y = 9.1816\text{E-}004 * x + 6.2077\text{E-}006$$

$$R = 0.9994$$

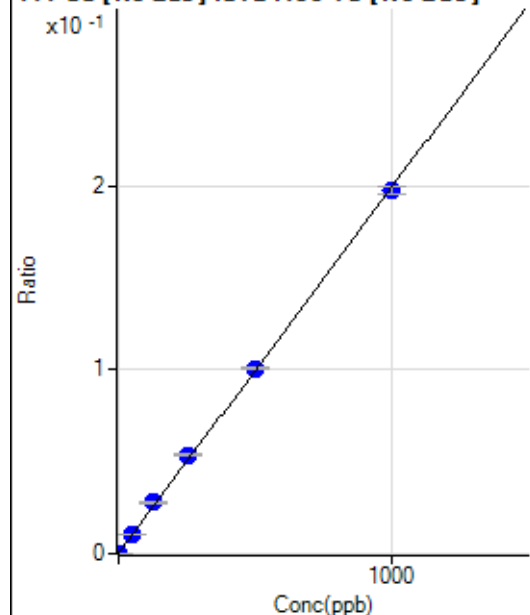
$$DL = 0.01288$$

$$BEC = 0.006761$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1442.51	0.0003	P	2.4
2	☐	1.000	1.064	2716.92	0.0005	P	7.0
3	☐	50.000	51.142	59398.17	0.0104	P	6.1
4	☐	125.000	138.077	145525.59	0.0277	P	6.4
5	☐	250.000	267.175	285342.37	0.0534	P	1.9
6	☐	500.000	505.957	549828.70	0.1009	P	0.6
7	☐	1000.000	991.036	1059519.47	0.1973	P	2.1
8	☐			1754.32	0.0003	P	4.6

$$y = 1.9886\text{E-}004 * x + 2.7211\text{E-}004$$

$$R = 0.9998$$

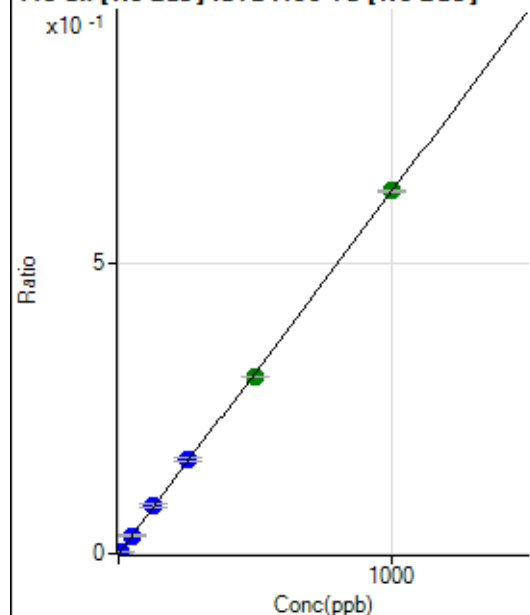
$$DL = 0.09727$$

$$BEC = 1.368$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	494.47	0.0001	P	2.0
2	☐	5.000	4.754	17127.84	0.0030	P	1.5
3	☐	50.000	48.829	173060.58	0.0304	P	6.5
4	☐	125.000	132.144	431326.28	0.0822	P	6.3
5	☐	250.000	260.521	865141.74	0.1619	P	2.3
6	☐	500.000	488.502	1654281.73	0.3036	A	0.8
7	☐	1000.000	1002.285	3344464.18	0.6227	A	0.3
8	☐			3731.17	0.0007	P	10.5

$$y = 6.2123\text{E-}004 * x + 9.3266\text{E-}005$$

$$R = 0.9998$$

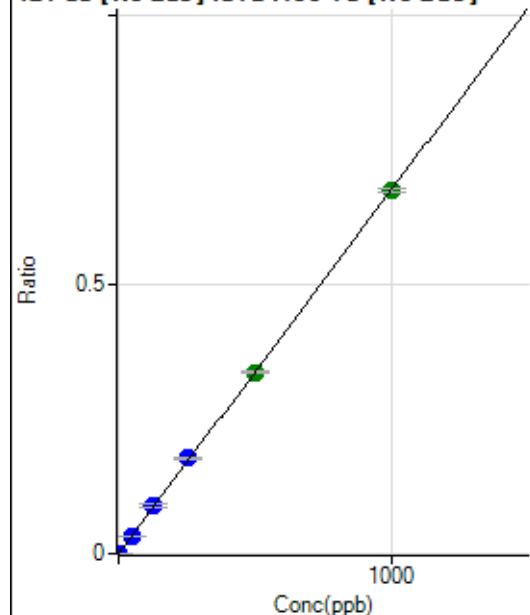
$$DL = 0.008979$$

$$BEC = 0.1501$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	51.8
2	☐	2.000	1.958	7468.91	0.0013	P	2.5
3	☐	50.000	48.452	186587.93	0.0328	P	6.2
4	☐	125.000	132.089	469251.73	0.0894	P	6.5
5	☐	250.000	262.531	949498.69	0.1777	P	1.7
6	☐	500.000	498.189	1837765.47	0.3372	A	0.7
7	☐	1000.000	996.964	3624738.84	0.6749	A	1.2
8	☐			1469.57	0.0003	P	7.6

$$y = 6.7691\text{E-}004 * x + 3.7225\text{E-}006$$

$$R = 0.9999$$

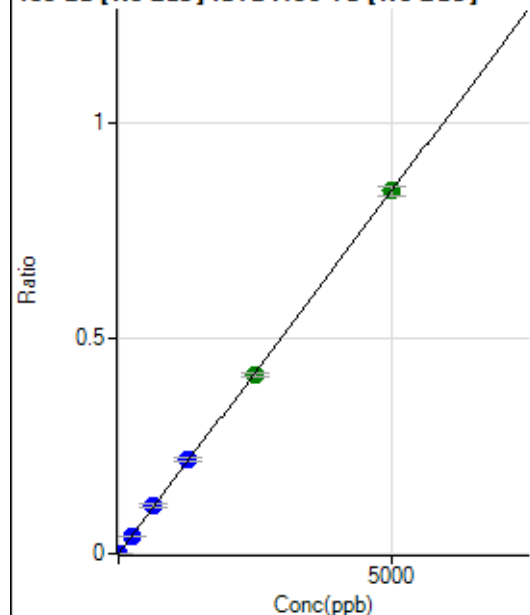
$$DL = 0.008553$$

$$BEC = 0.005499$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	21.2
2	☐	10.000	9.410	8900.38	0.0016	P	5.5
3	☐	250.000	239.697	229144.41	0.0403	P	6.0
4	☐	625.000	657.964	580094.56	0.1106	P	7.0
5	☐	1250.000	1298.185	1165328.83	0.2181	P	2.6
6	☐	2500.000	2465.830	2257481.99	0.4143	A	2.4
7	☐	5000.000	5001.434	4512756.61	0.8404	A	2.3
8	☐			2436.40	0.0005	P	5.3

$$y = 1.6803\text{E-}004 * x + 3.6582\text{E-}006$$

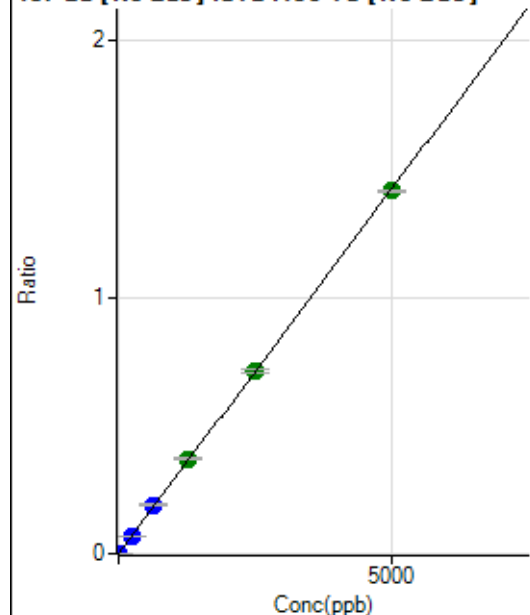
$$R = 0.9999$$

$$DL = 0.01387$$

$$BEC = 0.02177$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	96.8
2	☐	10.000	9.520	15206.21	0.0027	P	5.8
3	☐	250.000	244.256	395121.48	0.0694	P	4.8
4	☐	625.000	671.440	1001541.41	0.1909	P	6.6
5	☐	1250.000	1300.781	1975396.96	0.3697	A	2.2
6	☐	2500.000	2508.323	3884549.52	0.7130	A	2.8
7	☐	5000.000	4977.627	7598787.84	1.4149	A	0.2
8	☐			4409.18	0.0008	P	3.6

$$y = 2.8425E-004 * x + 1.5827E-006$$

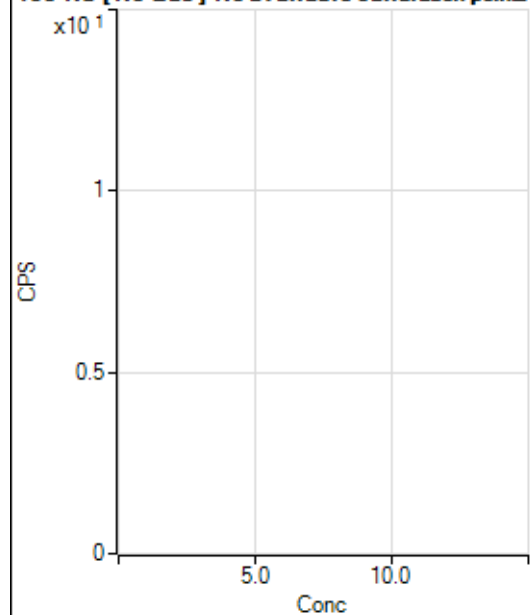
$$R = 0.9999$$

$$DL = 0.01618$$

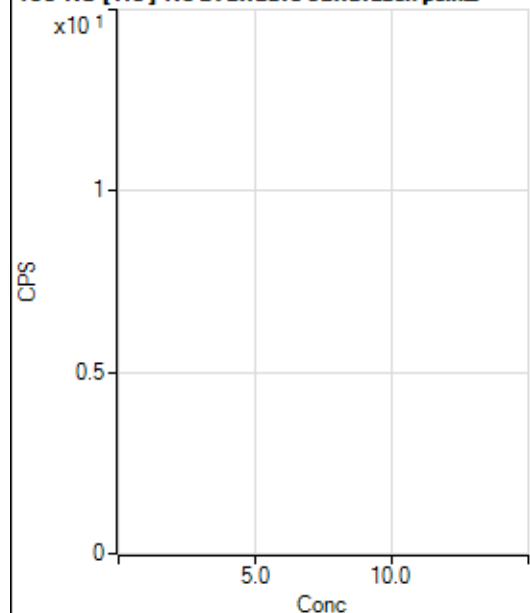
$$BEC = 0.005568$$

Weight: <None>

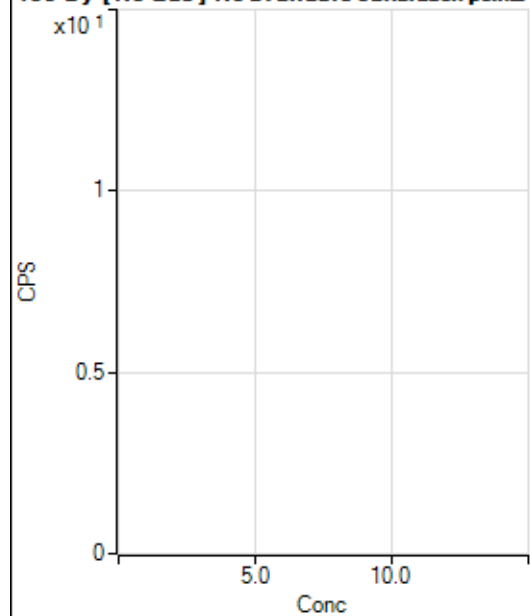
Min Conc: 0

150 Nd [No Gas] No available calibration points

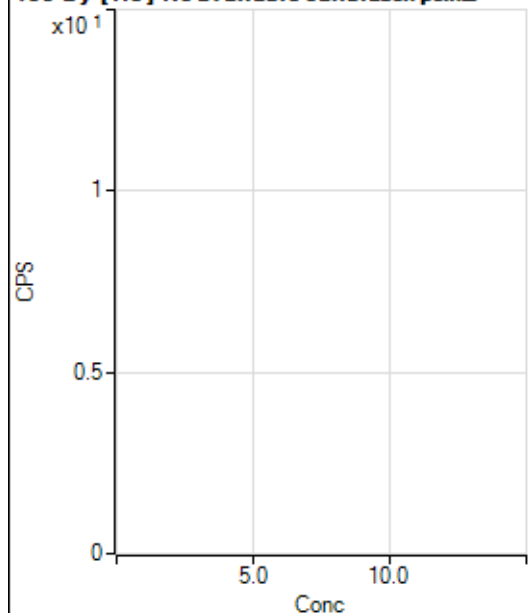
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			11.11		P	91.7
3	☐			40.00		P	72.6
4	☐			68.89		P	36.6
5	☐			155.56		P	9.9
6	☐			271.12		P	7.5
7	☐			506.69		P	7.0
8	☐			44.44		P	70.9

150 Nd [He] No available calibration points

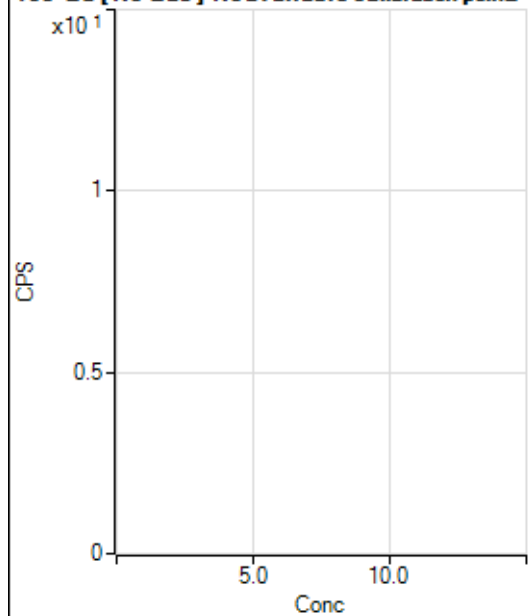
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			2.22		P	86.6
4	☐			11.11		P	17.3
5	☐			18.89		P	44.4
6	☐			21.11		P	32.9
7	☐			42.22		P	9.1
8	☐			7.78		P	99.0

156 Dy [No Gas] No available calibration points

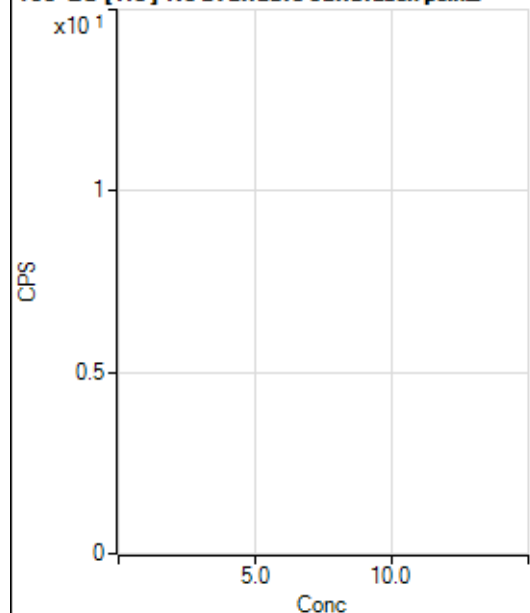
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			5.56		P	173.
3	☐			25.00		P	100.
4	☐			33.33		P	75.0
5	☐			61.11		P	34.3
6	☐			155.56		P	21.7
7	☐			252.79		P	11.6
8	☐			827.83		P	10.8

156 Dy [He] No available calibration points

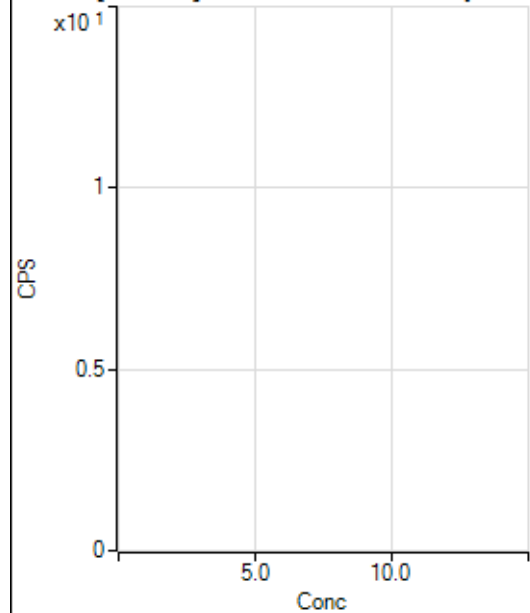
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			8.89		P	78.1
4	☐			15.55		P	44.6
5	☐			31.11		P	40.6
6	☐			68.89		P	40.6
7	☐			112.22		P	7.5
8	☐			348.90		P	16.3

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

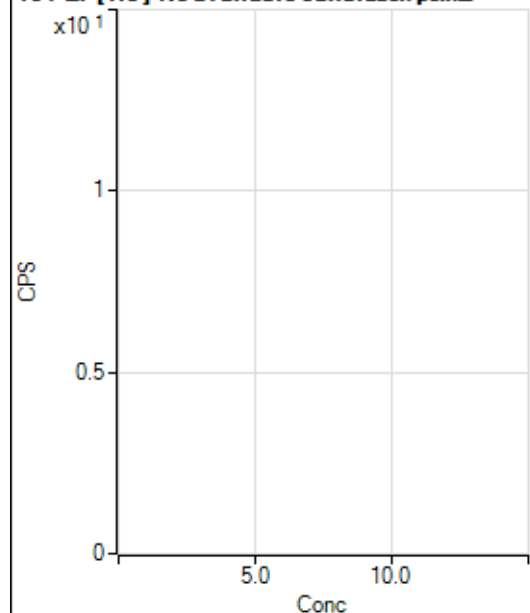
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	12.4
2	☐			25.00		P	33.3
3	☐			25.00		P	66.7
4	☐			69.45		P	18.3
5	☐			108.34		P	7.7
6	☐			141.67		P	15.6
7	☐			261.12		P	9.2
8	☐			855.60		P	9.4

160 Gd [He] No available calibration points

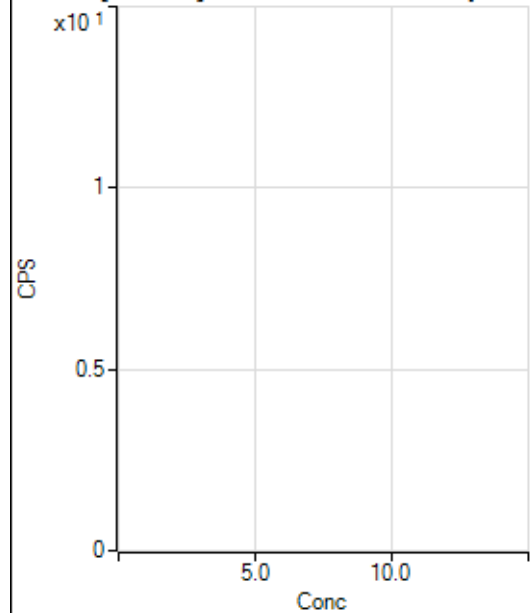
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			82.22		P	6.2
2	☐			75.56		P	28.4
3	☐			100.00		P	3.3
4	☐			81.11		P	26.1
5	☐			98.89		P	7.8
6	☐			105.56		P	7.3
7	☐			171.11		P	8.1
8	☐			432.23		P	14.0

164 Er [No Gas] No available calibration points

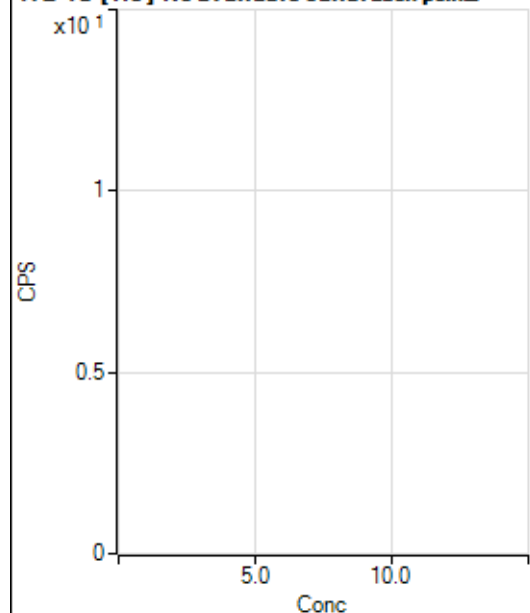
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐			41.67		P	20.0
3	☐			58.34		P	14.3
4	☐			61.11		P	61.5
5	☐			63.89		P	7.5
6	☐			77.78		P	59.0
7	☐			58.34		P	24.7
8	☐			83.34		P	10.0

164 Er [He] No available calibration points

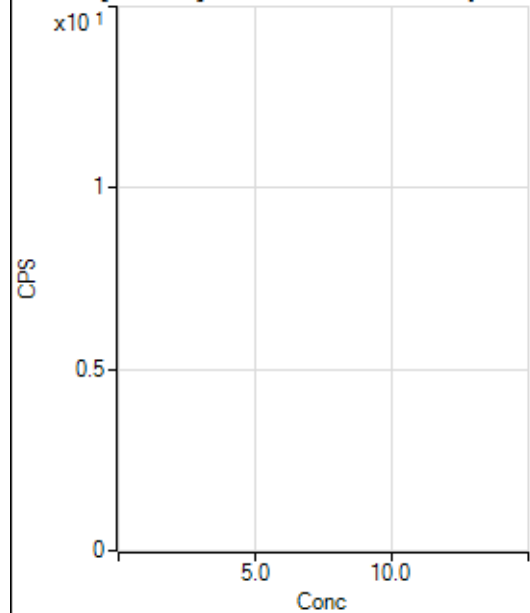
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	20.8
2	☐			21.11		P	39.7
3	☐			18.89		P	44.4
4	☐			20.00		P	16.7
5	☐			24.44		P	67.3
6	☐			13.33		P	66.1
7	☐			21.11		P	24.1
8	☐			23.33		P	24.7

172 Yb [No Gas] No available calibration points

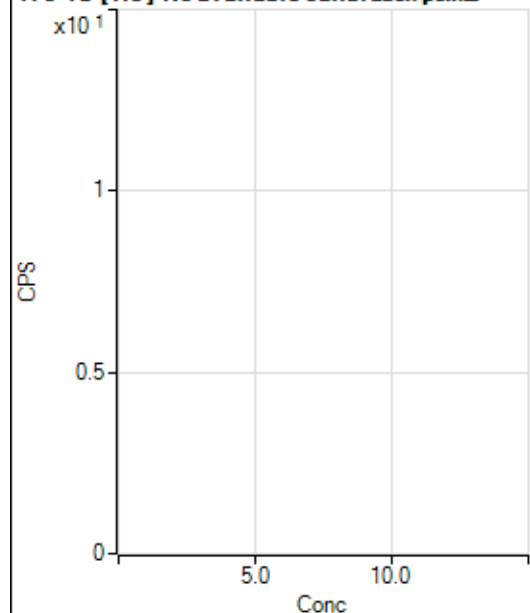
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	66.1
2	☐			19.45		P	24.7
3	☐			47.22		P	40.8
4	☐			61.11		P	43.8
5	☐			63.89		P	37.7
6	☐			80.56		P	33.3
7	☐			108.34		P	7.7
8	☐			338.90		P	30.0

172 Yb [He] No available calibration points

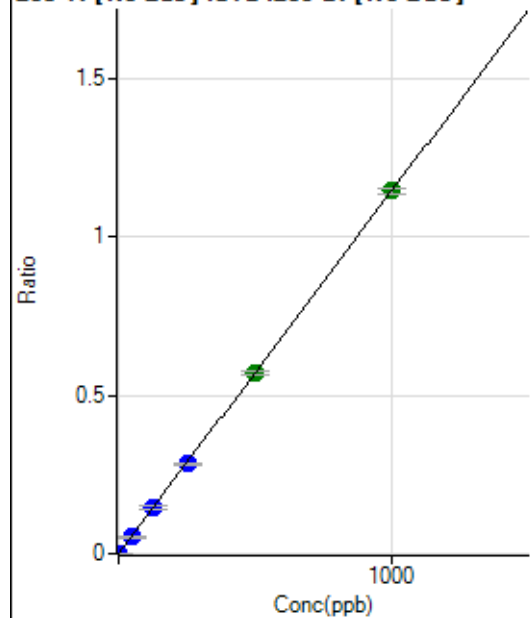
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐			9.26		P	91.7
3	☐			29.63		P	57.3
4	☐			12.97		P	49.5
5	☐			40.74		P	20.8
6	☐			35.19		P	45.6
7	☐			59.26		P	53.3
8	☐			140.74		P	27.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			783.38		P	7.4
2	☐			875.05		P	1.6
3	☐			1708.50		P	9.4
4	☐			2908.73		P	3.6
5	☐			4639.85		P	7.5
6	☐			8944.99		P	2.1
7	☐			16535.79		P	1.5
8	☐			950.06		P	11.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5171.48		P	7.4
2	☐			5282.64		P	8.4
3	☐			5797.66		P	0.2
4	☐			6268.24		P	5.7
5	☐			6875.99		P	4.7
6	☐			8512.16		P	4.7
7	☐			12011.21		P	2.1
8	☐			5210.39		P	3.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	42.5
2	☐	1.000	0.925	3631.17	0.0011	P	2.2
3	☐	50.000	46.162	179044.39	0.0528	P	6.3
4	☐	125.000	127.002	452029.92	0.1452	P	5.5
5	☐	250.000	248.316	927915.44	0.2839	P	1.6
6	☐	500.000	498.886	1843190.12	0.5704	A	2.6
7	☐	1000.000	1000.920	3662970.14	1.1445	A	1.8
8	☐			661.15	0.0002	P	7.8

$$y = 0.0011 * x + 1.2001E-005$$

$$R = 1.0000$$

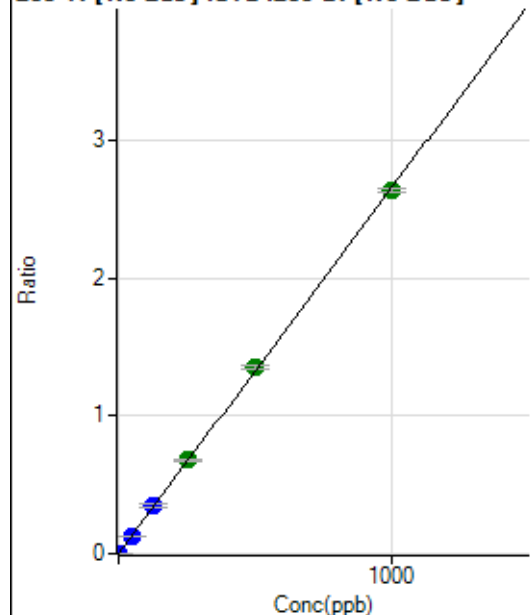
$$DL = 0.01338$$

$$BEC = 0.0105$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	88.89	0.0000	P	35.6
2	☐	1.000	0.940	8561.38	0.0025	P	0.9
3	☐	50.000	47.187	424967.01	0.1253	P	5.3
4	☐	125.000	131.549	1086399.33	0.3491	P	6.2
5	☐	250.000	256.709	2226526.31	0.6813	A	1.5
6	☐	500.000	510.833	4380376.62	1.3557	A	1.6
7	☐	1000.000	992.228	8429938.90	2.6333	A	1.2
8	☐			1594.59	0.0006	P	8.7

$$y = 0.0027 * x + 2.7199E-005$$

$$R = 0.9999$$

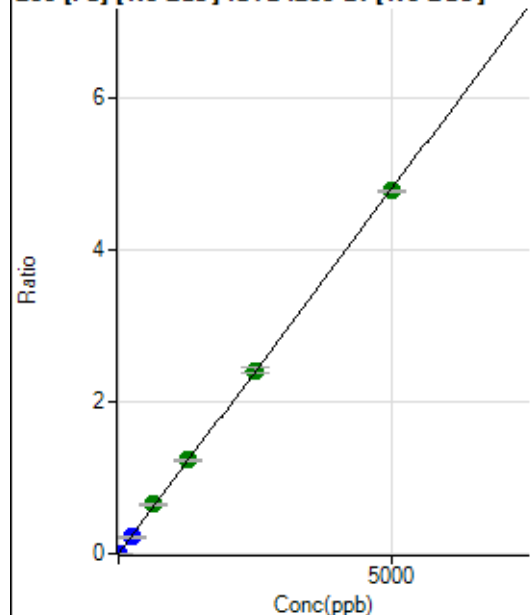
$$DL = 0.01096$$

$$BEC = 0.01025$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	312.98	0.0001	P	14.2
2	☐	1.000	0.928	3354.20	0.0010	P	6.3
3	☐	250.000	230.084	750003.21	0.2212	P	7.2
4	☐	625.000	677.458	2026993.02	0.6512	A	5.4
5	☐	1250.000	1285.885	4038603.48	1.2360	A	2.8
6	☐	2500.000	2518.718	7821063.83	2.4209	A	2.6
7	☐	5000.000	4976.108	15309552.19	4.7827	A	0.5
8	☐			3404.22	0.0012	P	4.5

$$y = 9.6111E-004 * x + 9.7272E-005$$

$$R = 0.9999$$

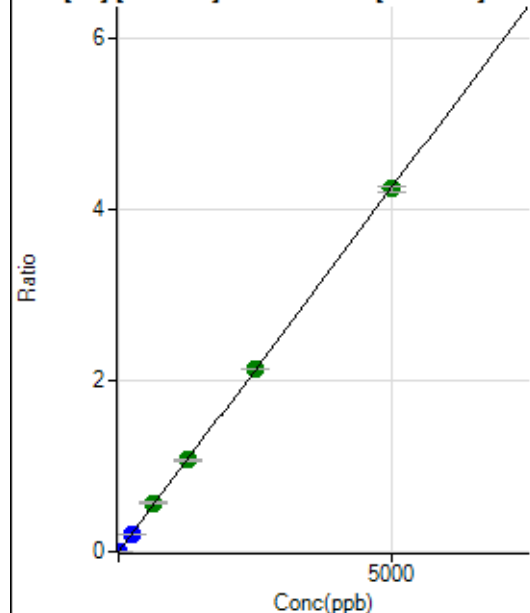
$$DL = 0.04299$$

$$BEC = 0.1012$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	259.27	0.0001	P	23.8
2	☐	1.000	0.825	2652.17	0.0008	P	3.5
3	☐	250.000	233.950	673667.08	0.1987	P	7.4
4	☐	625.000	667.023	1763332.19	0.5665	A	5.3
5	☐	1250.000	1262.846	3504061.13	1.0724	A	2.9
6	☐	2500.000	2510.642	6889427.99	2.1320	A	0.7
7	☐	5000.000	4987.017	13558115.58	4.2347	A	1.2
8	☐			2755.90	0.0010	P	1.3

$$y = 8.4913E-004 * x + 8.0563E-005$$

$$R = 0.9999$$

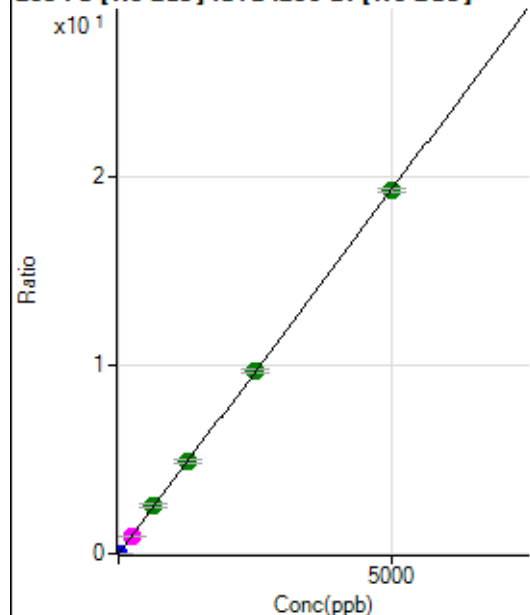
$$DL = 0.06764$$

$$BEC = 0.09488$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1196.34	0.0004	P	11.9
2	☐	1.000	0.893	12986.14	0.0038	P	2.0
3	☐	250.000	233.502	3062089.38	0.9033	M	7.5
4	☐	625.000	669.269	8052197.84	2.5885	A	6.8
5	☐	1250.000	1266.343	16001698.59	4.8974	A	3.2
6	☐	2500.000	2514.220	31414282.01	9.7230	A	1.7
7	☐	5000.000	4984.096	61705593.51	19.2742	A	0.9
8	☐			12904.58	0.0045	P	0.8

$$y = 0.0039 * x + 3.7108E-004$$

$$R = 0.9999$$

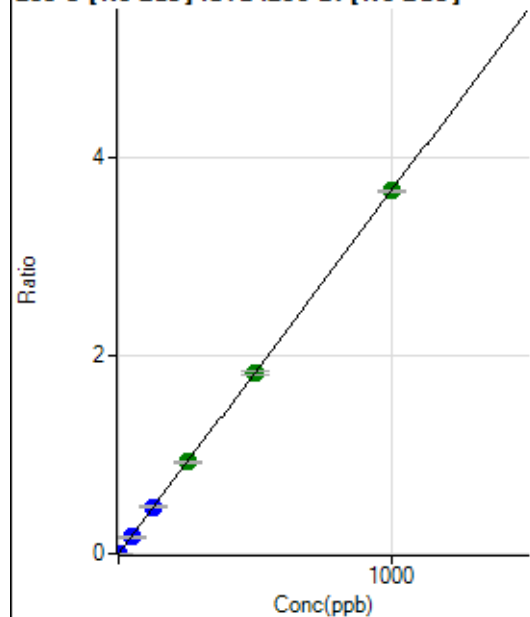
$$DL = 0.03427$$

$$BEC = 0.09596$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	7.8
2	☐	1.000	0.892	11135.68	0.0033	P	0.7
3	☐	50.000	46.071	572436.15	0.1688	P	6.3
4	☐	125.000	129.049	1470804.67	0.4728	P	6.7
5	☐	250.000	252.313	3020994.32	0.9244	A	1.3
6	☐	500.000	499.258	5910215.89	1.8291	A	2.5
7	☐	1000.000	999.483	11722281.95	3.6617	A	0.7
8	☐			483.36	0.0002	P	16.8

$$y = 0.0037 * x + 1.2002E-005$$

$$R = 1.0000$$

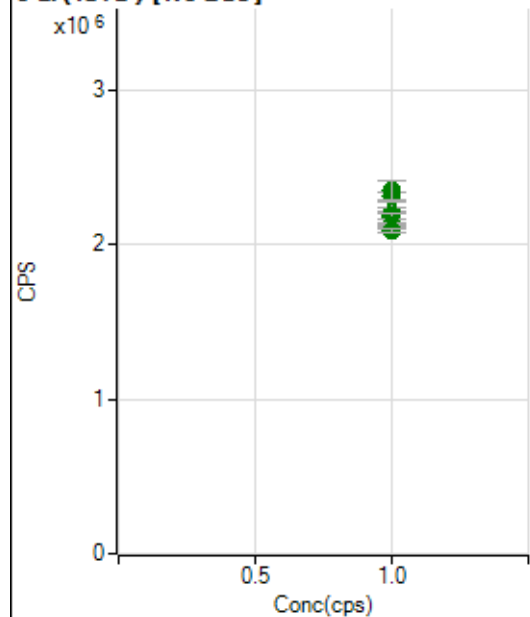
$$DL = 0.0007641$$

$$BEC = 0.003276$$

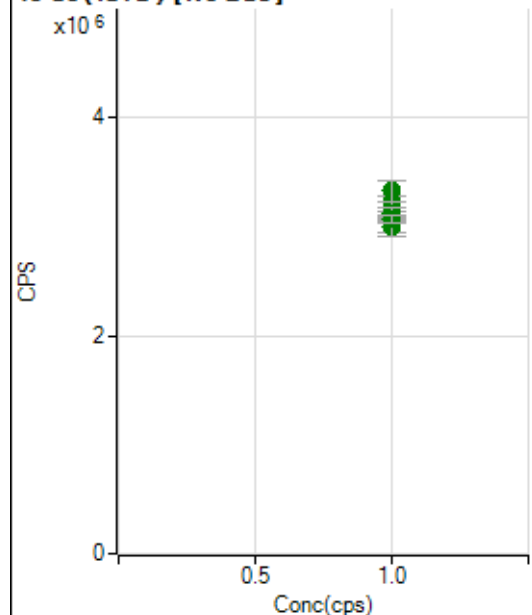
Weight: <None>

Min Conc: 0

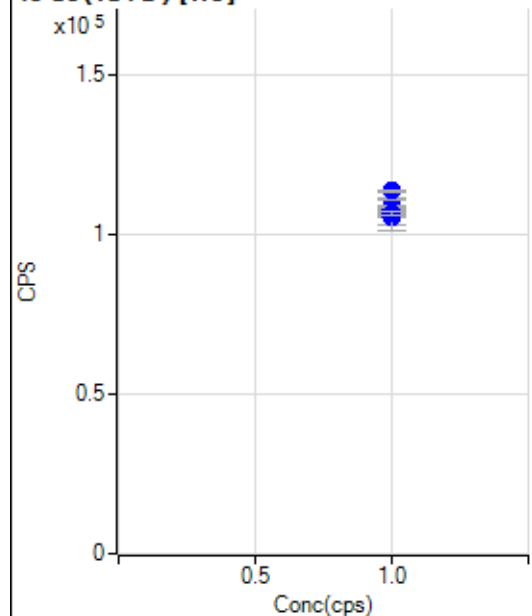
6 Li (ISTD) [No Gas]



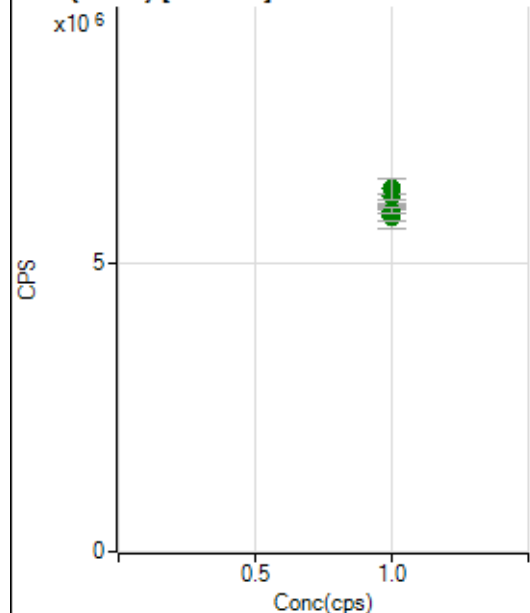
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2199973.97		A	6.3
2	☐	1.000		2312401.39		A	2.4
3	☐	1.000		2345092.83		A	5.6
4	☐	1.000		2171674.92		A	5.6
5	☐	1.000		2189731.73		A	2.2
6	☐	1.000		2182748.31		A	1.9
7	☐	1.000		2131349.63		A	0.6
8	☐	1.000		2090547.88		A	1.2

45 Sc (ISTD) [No Gas]

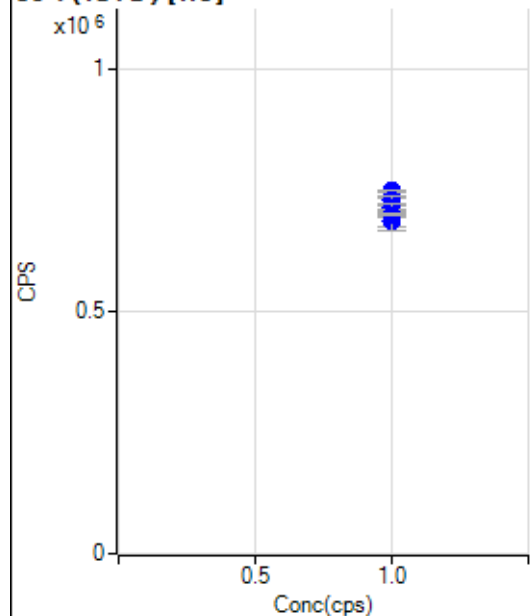
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3062776.31		A	7.5
2	☐	1.000		3230537.84		A	2.9
3	☐	1.000		3330857.94		A	6.0
4	☐	1.000		3007816.34		A	6.6
5	☐	1.000		3093788.29		A	2.7
6	☐	1.000		3070542.11		A	1.1
7	☐	1.000		3122788.60		A	3.4
8	☐	1.000		3064638.18		A	2.3

45 Sc (ISTD) [He]

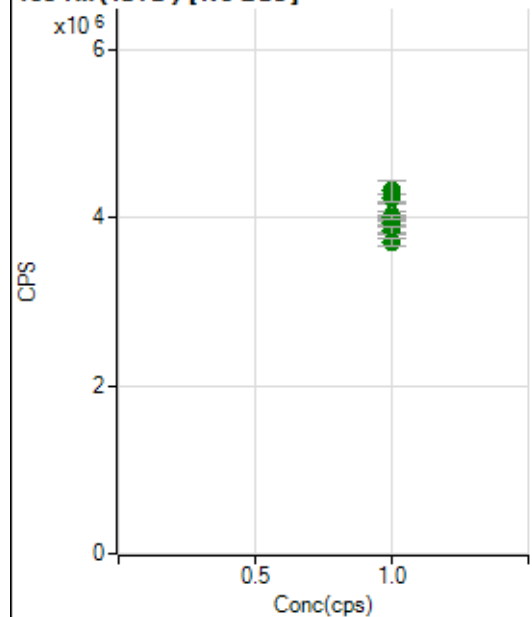
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		107256.93		P	7.5
2	☐	1.000		106740.62		P	2.6
3	☐	1.000		113616.77		P	0.5
4	☐	1.000		109147.36		P	2.8
5	☐	1.000		107944.80		P	1.3
6	☐	1.000		106232.03		P	0.7
7	☐	1.000		105114.40		P	7.4
8	☐	1.000		106697.89		P	0.8

89 Y (ISTD) [No Gas]

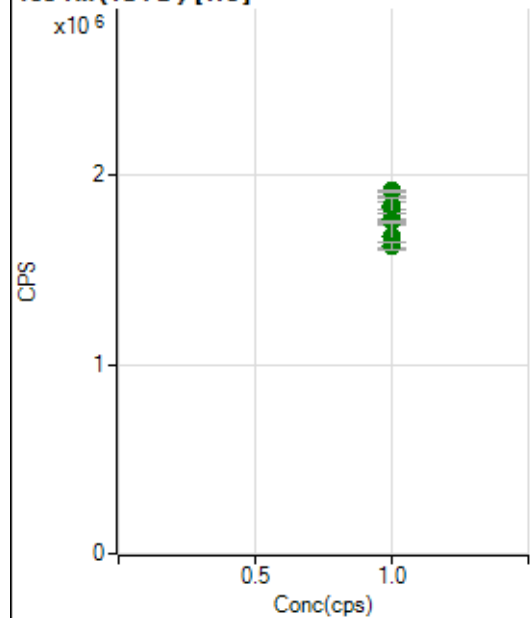
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5806937.00		A	6.9
2	☐	1.000		6168118.93		A	1.9
3	☐	1.000		6301537.06		A	5.8
4	☐	1.000		5830648.07		A	7.1
5	☐	1.000		5925689.91		A	1.8
6	☐	1.000		5904445.81		A	1.3
7	☐	1.000		5809826.23		A	2.0
8	☐	1.000		5926901.65		A	1.6

89 Y (ISTD) [He]

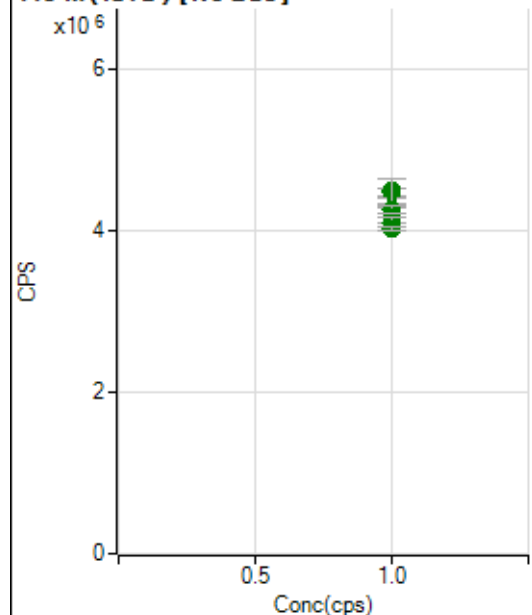
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		704655.29		P	8.2
2	☐	1.000		714266.64		P	2.3
3	☐	1.000		748952.48		P	0.3
4	☐	1.000		728682.04		P	2.3
5	☐	1.000		716135.79		P	2.0
6	☐	1.000		697544.66		P	0.5
7	☐	1.000		687877.26		P	5.8
8	☐	1.000		699594.16		P	0.4

103 Rh (ISTD) [No Gas]

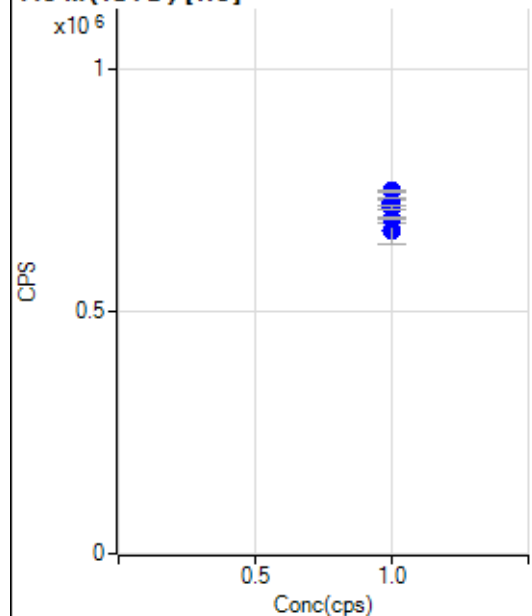
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4036564.54		A	6.3
2	☐	1.000		4241411.38		A	2.1
3	☐	1.000		4322756.78		A	5.6
4	☐	1.000		3951333.77		A	5.9
5	☐	1.000		3997392.28		A	1.2
6	☐	1.000		4001865.20		A	1.2
7	☐	1.000		3859673.35		A	2.4
8	☐	1.000		3710349.95		A	2.2

103 Rh (ISTD) [He]

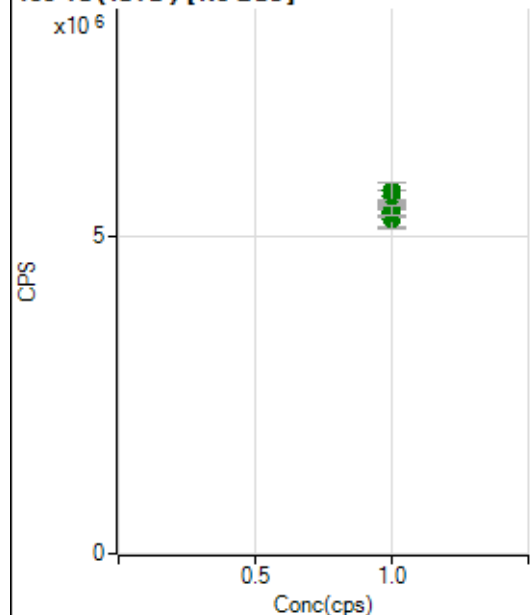
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1833125.35		A	6.4
2	☐	1.000		1841209.50		A	2.5
3	☐	1.000		1919671.24		A	0.9
4	☐	1.000		1841290.30		A	4.3
5	☐	1.000		1772752.52		A	3.4
6	☐	1.000		1758178.15		A	0.4
7	☐	1.000		1683459.40		A	7.7
8	☐	1.000		1629433.52		A	2.7

115 In (ISTD) [No Gas]

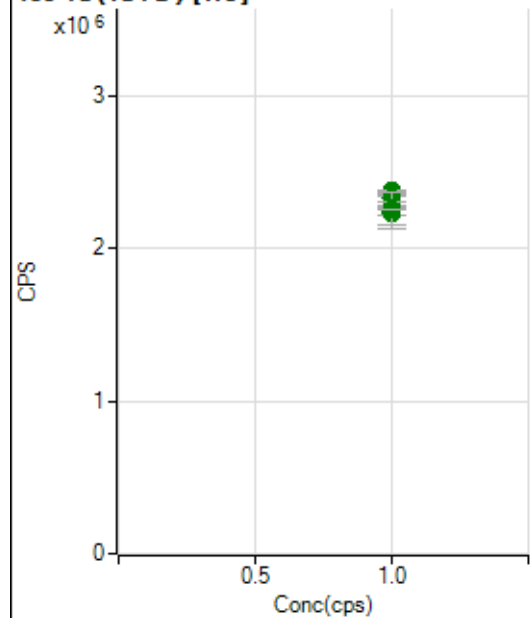
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4271378.68		A	7.7
2	☐	1.000		4470535.24		A	2.6
3	☐	1.000		4497657.79		A	6.6
4	☐	1.000		4172514.04		A	5.6
5	☐	1.000		4272176.84		A	2.4
6	☐	1.000		4161039.50		A	3.0
7	☐	1.000		4108401.91		A	2.9
8	☐	1.000		4024156.44		A	1.4

115 In (ISTD) [He]

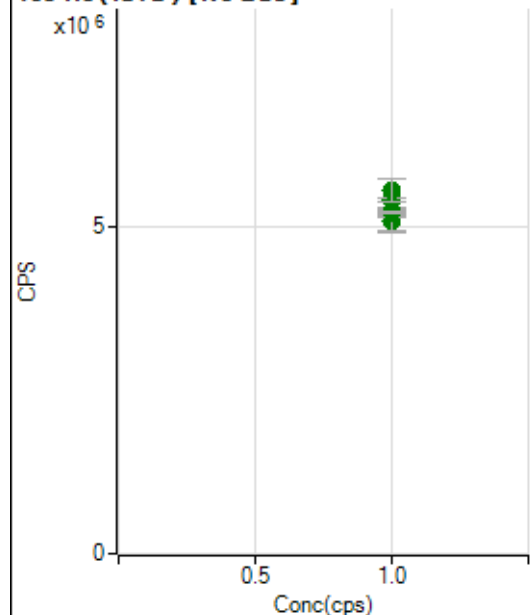
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		716577.84		P	8.9
2	☐	1.000		722320.24		P	2.9
3	☐	1.000		750110.13		P	0.7
4	☐	1.000		728312.72		P	2.0
5	☐	1.000		715808.24		P	1.2
6	☐	1.000		691595.25		P	0.5
7	☐	1.000		666715.33		P	7.6
8	☐	1.000		692908.64		P	0.7

159 Tb (ISTD) [No Gas]

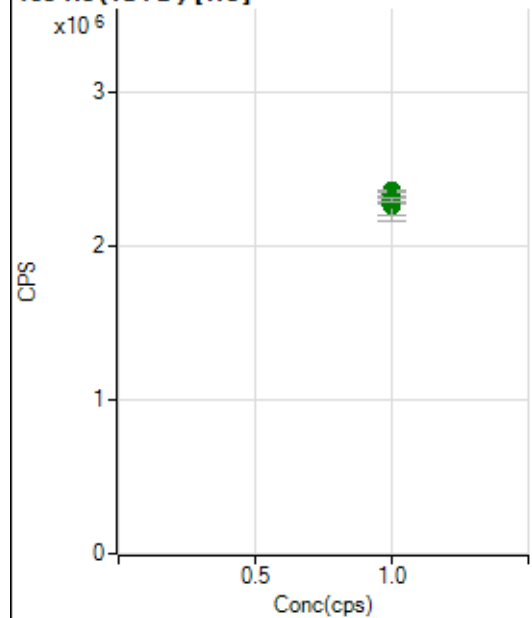
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5297786.90		A	6.0
2	☐	1.000		5621953.11		A	2.8
3	☐	1.000		5700110.05		A	5.0
4	☐	1.000		5261999.57		A	6.2
5	☐	1.000		5344266.48		A	2.4
6	☐	1.000		5450008.95		A	2.1
7	☐	1.000		5370437.70		A	2.2
8	☐	1.000		5382042.63		A	3.0

159 Tb (ISTD) [He]

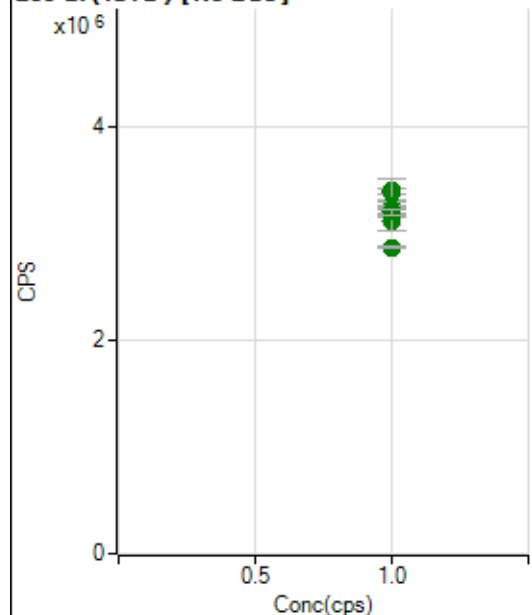
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2237663.11		A	9.4
2	☐	1.000		2248720.82		A	2.9
3	☐	1.000		2376430.73		A	0.7
4	☐	1.000		2331495.75		A	2.5
5	☐	1.000		2331667.55		A	2.8
6	☐	1.000		2268979.66		A	0.6
7	☐	1.000		2228781.77		A	7.2
8	☐	1.000		2256720.71		A	0.3

165 Ho (ISTD) [No Gas]

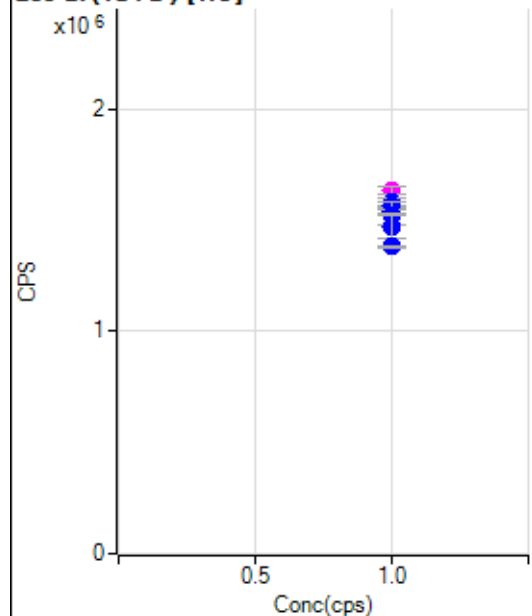
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5111404.63		A	7.0
2	☐	1.000		5426331.46		A	1.5
3	☐	1.000		5561893.57		A	6.4
4	☐	1.000		5112182.36		A	6.3
5	☐	1.000		5215879.76		A	2.3
6	☐	1.000		5251319.82		A	2.5
7	☐	1.000		5238013.27		A	1.8
8	☐	1.000		5239888.31		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2263170.02		A	8.9
2	☐	1.000		2300317.74		A	1.9
3	☐	1.000		2356481.34		A	0.4
4	☐	1.000		2330934.74		A	2.1
5	☐	1.000		2343997.88		A	1.7
6	☐	1.000		2306175.48		A	1.5
7	☐	1.000		2273682.61		A	6.4
8	☐	1.000		2302381.70		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3232131.34		A	4.9
2	☐	1.000		3394872.73		A	1.9
3	☐	1.000		3400221.51		A	6.2
4	☐	1.000		3119839.43		A	6.4
5	☐	1.000		3268608.11		A	1.8
6	☐	1.000		3231629.64		A	2.1
7	☐	1.000		3201159.64		A	2.0
8	☐	1.000		2870868.78		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1564335.99		M	11.2
2	☐	1.000		1541871.57		P	2.8
3	☐	1.000		1630174.06		M	2.0
4	☐	1.000		1579610.55		P	2.8
5	☐	1.000		1564678.57		P	1.9
6	☐	1.000		1521165.41		P	0.5
7	☐	1.000		1472382.42		P	7.4
8	☐	1.000		1378353.94		P	0.6