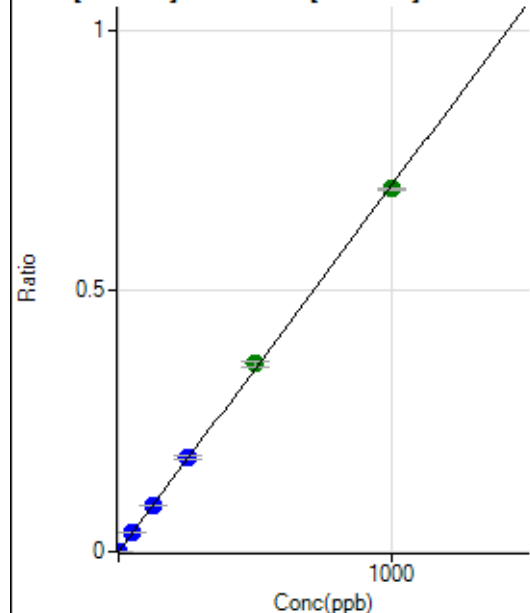


Batch Folder: D:\Agilent\ICPMH\1\DATA\P812222MS.b\
Analysis File: P812222MS.batch.bin
DA Date-Time: 2022-12-22 13:50:22
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-12-22 10:07:34
2	005CAL.S.d	S02	2022-12-22 10:10:43
3	006CAL.S.d	S03	2022-12-22 10:13:54
4	007CAL.S.d	S04	2022-12-22 10:17:01
5	008CAL.S.d	S05	2022-12-22 10:20:09
6	009CAL.S.d	S06	2022-12-22 10:23:16
7	010CAL.S.d	S07	2022-12-22 10:26:24
8	011CAL.S.d	S08	2022-12-22 10:29:31

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.08	0.0000	P	31.3
2	☐	1.000	1.033	3365.39	0.0007	P	0.5
3	☐	50.000	52.337	168328.99	0.0367	P	1.2
4	☐	125.000	127.352	406371.03	0.0894	P	1.9
5	☐	250.000	257.795	811240.91	0.1809	P	2.8
6	☐	500.000	513.064	1583397.27	0.3600	A	2.6
7	☐	1000.000	991.108	3013460.51	0.6954	A	0.5
8	☐			826.18	0.0002	P	37.8

$$y = 7.0168\text{E-}004 * x + 5.8684\text{E-}006$$

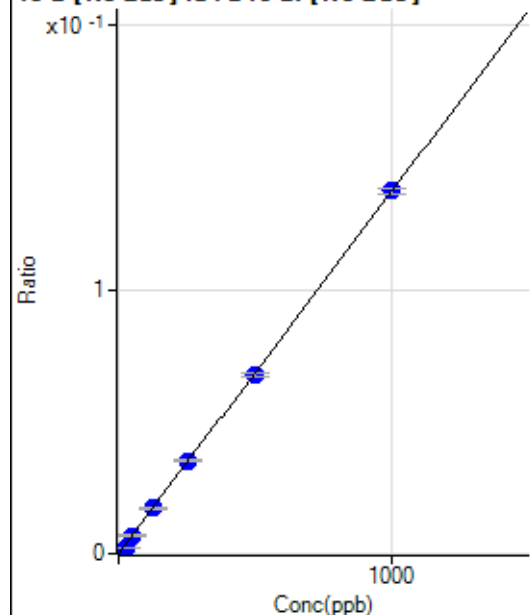
$$R = 0.9998$$

$$DL = 0.007863$$

$$BEC = 0.008363$$

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	320.61	0.0001	P	9.0
2	☐	25.000	16.406	10655.12	0.0023	P	7.8
3	☐	50.000	49.695	31495.44	0.0069	P	6.2
4	☐	125.000	125.546	78501.68	0.0173	P	2.8
5	☐	250.000	255.501	157299.43	0.0351	P	2.2
6	☐	500.000	493.718	297814.52	0.0677	P	1.6
7	☐	1000.000	1001.928	594970.71	0.1373	P	1.6
8	☐			42081.14	0.0105	P	10.2

$$y = 1.3695\text{E-}004 * x + 6.9393\text{E-}005$$

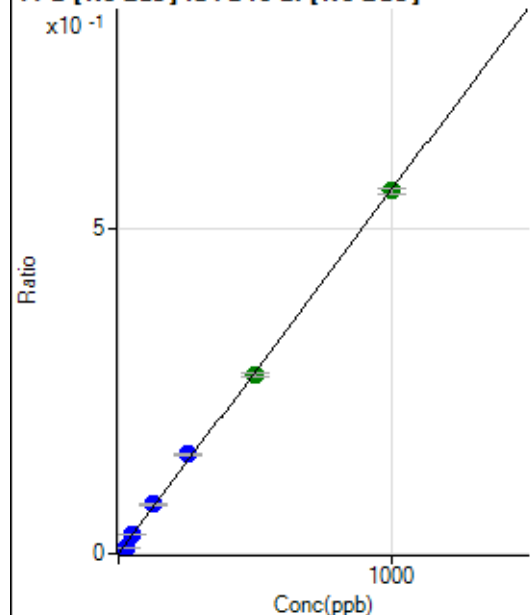
$$R = 0.9999$$

$$DL = 0.137$$

$$BEC = 0.5067$$

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	1391.13	0.0003	P	4.0
2	☐	25.000	17.130	45557.98	0.0099	P	6.1
3	☐	50.000	52.947	137342.22	0.0300	P	4.8
4	☐	125.000	134.570	344347.71	0.0757	P	3.9
5	☐	250.000	272.897	687483.14	0.1533	P	1.0
6	☐	500.000	492.206	1215097.08	0.2762	A	2.8
7	☐	1000.000	997.026	2422990.84	0.5591	A	1.2
8	☐			183785.53	0.0457	P	10.5

$$y = 5.6047\text{E-}004 * x + 3.0124\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.06423$$

$$BEC = 0.5375$$

Weight: <None>

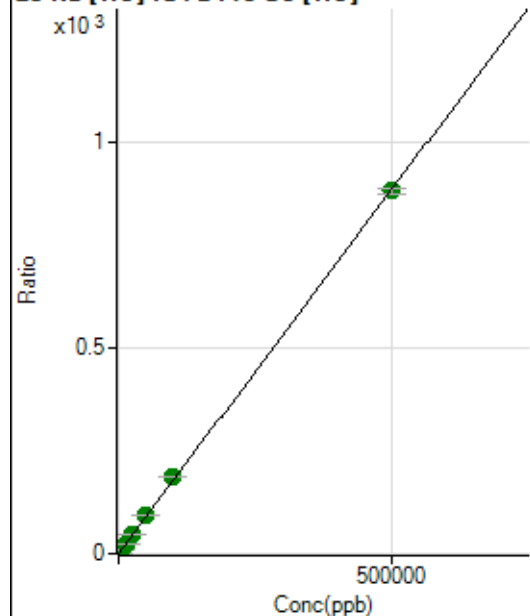
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6226952.96		A	0.6
2	☐			6285820.75		A	0.9
3	☐			6951134.27		A	1.3
4	☐			6872809.27		A	1.8
5	☐			7135758.06		A	2.9
6	☐			7158165.18		A	1.1
7	☐			7299116.05		A	0.9
8	☐			7029342.60		A	2.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			74706.58		P	1.2
2	☐			76200.25		P	0.3
3	☐			87812.32		P	1.2
4	☐			86795.02		P	1.0
5	☐			90712.40		P	1.6
6	☐			88125.11		P	1.6
7	☐			93049.67		P	2.1
8	☐			93600.08		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	28673.21	0.1438	P	1.9
2	☐	500.000	481.195	199414.07	0.9935	P	2.1
3	☐	5000.000	5379.788	1920019.53	9.6433	A	0.7
4	☐	12500.000	13001.039	4477230.87	23.1006	A	1.8
5	☐	25000.000	26665.598	9184494.56	47.2290	A	0.5
6	☐	50000.000	52274.688	18077356.14	92.4487	A	1.1
7	☐	100000.00	105845.45	36842127.91	187.0422	A	1.9
8	☐	500000.00	498503.85	180165363.7	880.3852	A	1.3

$$y = 0.0018 * x + 0.1438$$

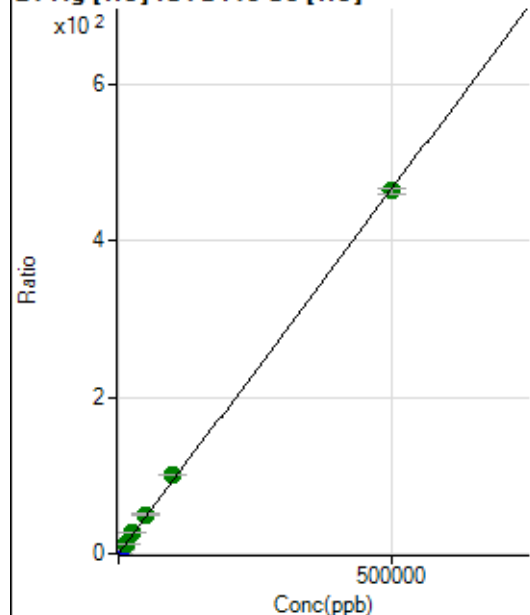
$$R = 0.9999$$

$$DL = 4.587$$

$$BEC = 81.44$$

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	380.57	0.0019	P	18.9
2	☐	500.000	496.228	93194.95	0.4643	P	2.6
3	☐	5000.000	5618.008	1042715.19	5.2369	P	1.4
4	☐	12500.000	13820.086	2496132.78	12.8798	A	2.2
5	☐	25000.000	27982.325	5070422.68	26.0765	A	1.3
6	☐	50000.000	54065.093	9850386.85	50.3811	A	2.6
7	☐	100000.00	108567.36	19926856.35	101.1677	A	0.4
8	☐	500000.00	497691.72	94909851.43	463.7636	A	1.7

$$y = 9.3183\text{E-}004 * x + 0.0019$$

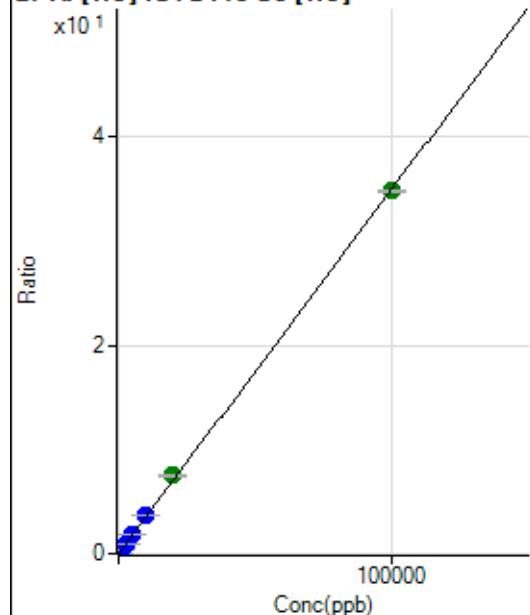
$$R = 0.9998$$

$$DL = 1.162$$

$$BEC = 2.049$$

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	78.74	0.0004	P	20.5
2	☐	20.000	20.223	1498.65	0.0075	P	2.7
3	☐	1000.000	1092.565	76132.74	0.3824	P	1.1
4	☐	2500.000	2642.586	179125.36	0.9243	P	3.0
5	☐	5000.000	5345.985	363518.30	1.8695	P	1.9
6	☐	10000.000	10421.126	712469.13	3.6438	P	2.0
7	☐	20000.000	21528.757	1482710.93	7.5273	A	2.4
8	☐	100000.00	99630.346	7128525.45	34.8330	A	0.6

$$y = 3.4962\text{E-}004 * x + 3.9474\text{E-}004$$

$$R = 0.9999$$

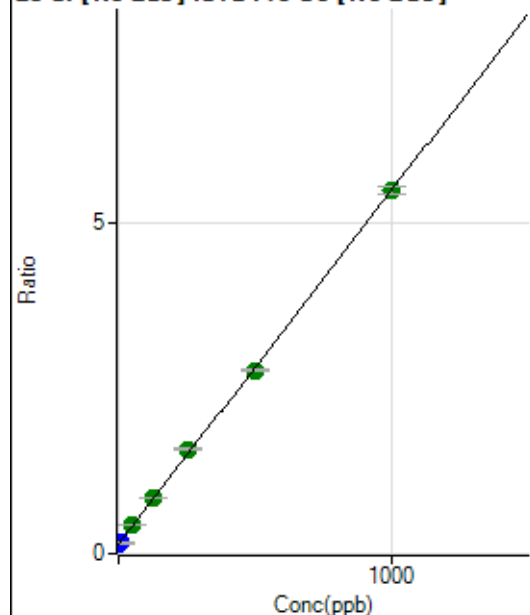
$$DL = 0.6942$$

$$BEC = 1.129$$

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	807691.19	0.1452	P	1.2
2	☐	10.000	2.857	874145.35	0.1605	P	2.1
3	☐	50.000	55.177	2420534.82	0.4409	A	2.4
4	☐	125.000	130.988	4676267.25	0.8471	A	2.6
5	☐	250.000	268.848	8699356.53	1.5858	A	1.0
6	☐	500.000	491.378	15148895.30	2.7782	A	0.4
7	☐	1000.000	998.663	30050463.87	5.4963	A	2.2
8	☐			936145.38	0.1749	A	4.9

$$y = 0.0054 * x + 0.1452$$

$$R = 0.9997$$

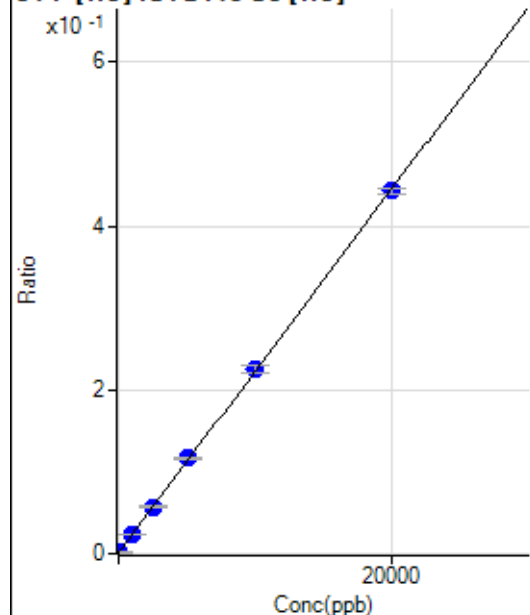
$$DL = 1.016$$

$$BEC = 27.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-12.015	144.45	0.0007	P	17.5
2	☐	0.000	12.015	252.79	0.0013	P	30.5
3	☐	1000.000	1035.354	4773.15	0.0240	P	4.9
4	☐	2500.000	2523.125	11046.21	0.0570	P	2.6
5	☐	5000.000	5207.282	22670.98	0.1166	P	1.9
6	☐	10000.000	10062.531	43861.48	0.2244	P	4.2
7	☐	20000.000	19912.256	87268.33	0.4430	P	1.7
8	☐			213.90	0.0010	P	8.6

$$y = 2.2198E-005 * x + 9.9113E-004$$

$$R = 0.9999$$

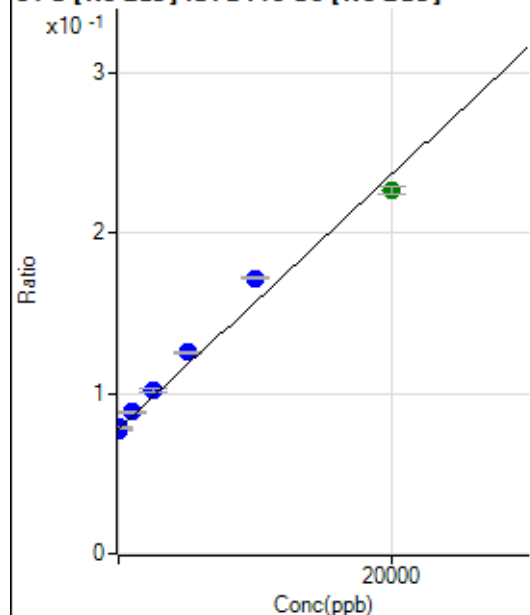
$$DL = 34.5$$

$$BEC = 44.65$$

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	-149.443	426302.45	0.0766	P	0.7
2	☐	0.000	149.443	430355.19	0.0790	P	1.5
3	☐	1000.000	1339.962	485925.02	0.0885	P	1.3
4	☐	2500.000	3057.795	563909.54	0.1022	P	3.1
5	☐	5000.000	6060.006	691431.40	0.1260	P	1.0
6	☐	10000.000	11884.826	939883.17	0.1724	P	1.2
7	☐	20000.000	18705.863	1239012.85	0.2266	A	2.3
8	☐			372209.80	0.0695	P	2.9

$$y = 7.9541E-006 * x + 0.0778$$

$$R = 0.9911$$

$$DL = 326.3$$

$$BEC = 9786$$

Weight: <None>

Min Conc: 0

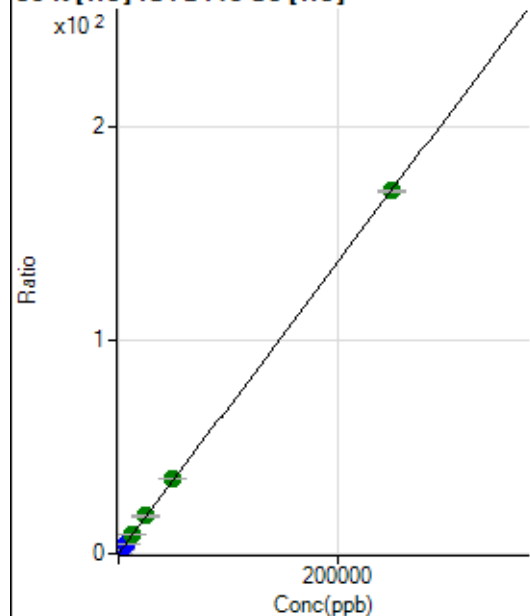
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			102385.92		P	1.1
2	☐			108933.03		P	0.8
3	☐			115564.33		P	0.3
4	☐			115724.11		P	1.5
5	☐			117081.85		P	0.5
6	☐			114615.38		P	0.1
7	☐			122336.28		P	0.2
8	☐			113033.69		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			700.04		P	11.5
2	☐			819.49		P	11.2
3	☐			852.83		P	5.6
4	☐			891.72		P	6.1
5	☐			902.83		P	12.0
6	☐			852.82		P	9.2
7	☐			938.95		P	6.8
8	☐			866.72		P	8.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23007.86	0.1154	P	2.7
2	☐	500.000	463.550	86495.57	0.4309	P	0.7
3	☐	2500.000	2562.459	370197.46	1.8594	P	1.0
4	☐	6250.000	6242.283	845728.63	4.3638	P	2.2
5	☐	12500.000	13110.163	1757528.27	9.0381	A	0.2
6	☐	25000.000	25838.367	3460695.78	17.7008	A	3.0
7	☐	50000.000	51178.500	6883814.91	34.9471	A	0.7
8	☐	250000.00	249649.59	34795739.67	170.0252	A	0.3

$$y = 6.8059\text{E-}004 * x + 0.1154$$

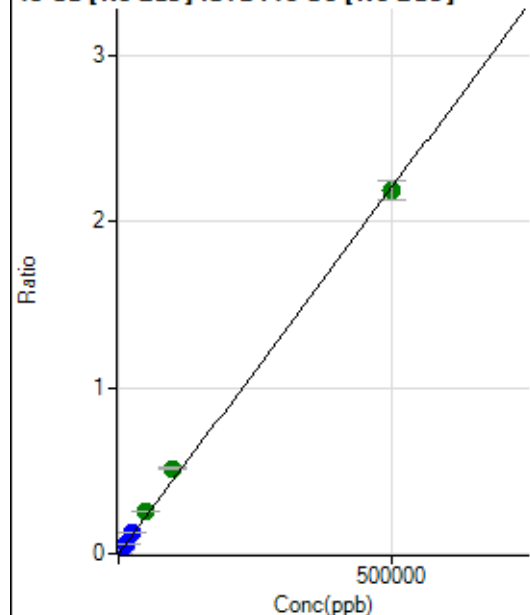
$$R = 1.0000$$

$$DL = 13.65$$

$$BEC = 169.5$$

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	158.73	0.0000	P	8.0
2	☐	500.000	475.999	11568.63	0.0021	P	3.0
3	☐	5000.000	5762.627	139466.37	0.0254	P	2.3
4	☐	12500.000	14111.526	343230.40	0.0622	P	2.1
5	☐	25000.000	28704.658	693614.29	0.1264	P	0.5
6	☐	50000.000	57924.918	1390932.74	0.2551	A	1.8
7	☐	100000.00	116139.05	2796354.78	0.5114	A	2.2
8	☐	500000.00	495746.57	11684254.70	2.1830	A	5.2

$$y = 4.4033\text{E-}006 * x + 2.8543\text{E-}005$$

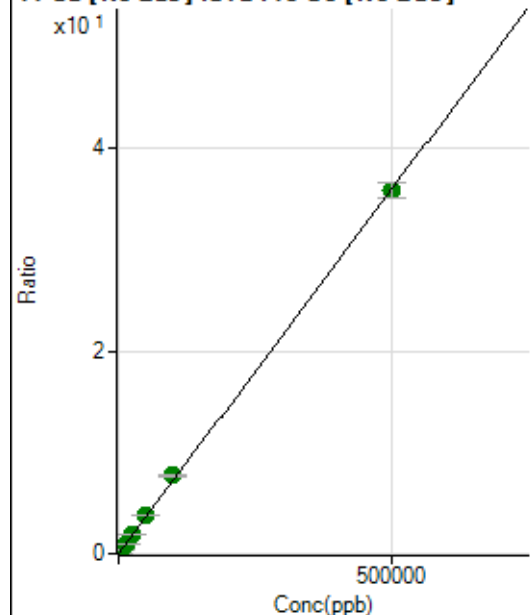
$$R = 0.9994$$

$$DL = 1.562$$

$$BEC = 6.482$$

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	11560.32	0.0021	P	0.9
2	☐	500.000	473.341	196590.55	0.0361	P	3.5
3	☐	5000.000	5499.807	2182818.71	0.3975	A	2.5
4	☐	12500.000	13361.538	5316550.44	0.9627	A	0.8
5	☐	25000.000	27214.226	10746257.67	1.9587	A	3.4
6	☐	50000.000	52750.390	20692083.52	3.7946	A	0.7
7	☐	100000.00	107053.86	42097789.51	7.6988	A	1.1
8	☐	500000.00	498176.96	191758607.1	35.8190	A	4.3

$$y = 7.1896\text{E-}005 * x + 0.0021$$

$$R = 0.9999$$

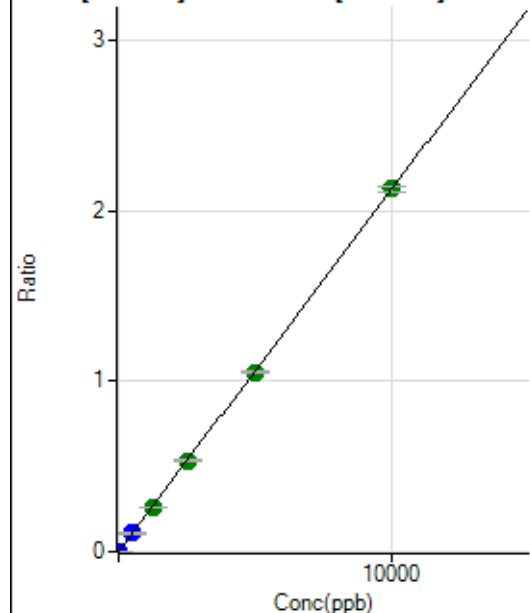
$$DL = 0.7818$$

$$BEC = 28.91$$

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	266.67	0.0000	P	14.7
2	☐	5.000	4.591	5567.90	0.0010	P	11.5
3	☐	500.000	508.027	592985.07	0.1080	P	1.9
4	☐	1250.000	1238.897	1454080.50	0.2633	A	1.0
5	☐	2500.000	2510.270	2926630.10	0.5335	A	1.4
6	☐	5000.000	4960.312	5747640.02	1.0541	A	1.1
7	☐	10000.000	10018.263	11641128.30	2.1289	A	1.8
8	☐			3864.60	0.0007	P	25.4

$$y = 2.1250E-004 * x + 4.7967E-005$$

$$R = 1.0000$$

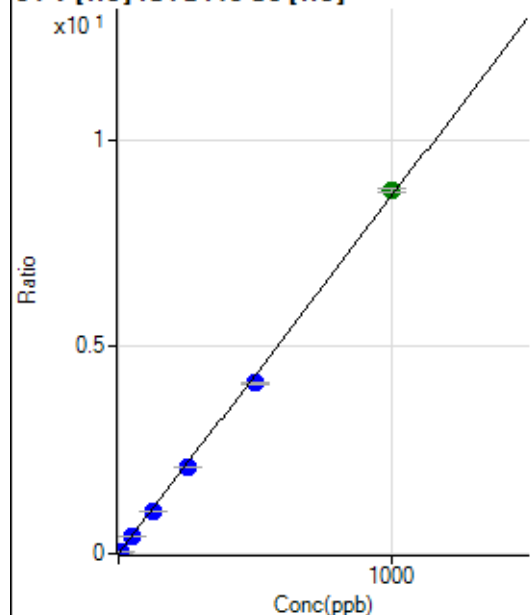
$$DL = 0.09981$$

$$BEC = 0.2257$$

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	5.55	0.0000	P	69.7
2	☐	5.000	4.293	7456.46	0.0372	P	3.6
3	☐	50.000	47.683	82097.42	0.4123	P	1.6
4	☐	125.000	117.336	196632.83	1.0146	P	2.1
5	☐	250.000	241.325	405764.75	2.0866	P	1.6
6	☐	500.000	477.134	806684.76	4.1256	P	1.6
7	☐	1000.000	1014.679	1728179.42	8.7734	A	1.1
8	☐			416.68	0.0020	P	14.0

$$y = 0.0086 * x + 2.7894E-005$$

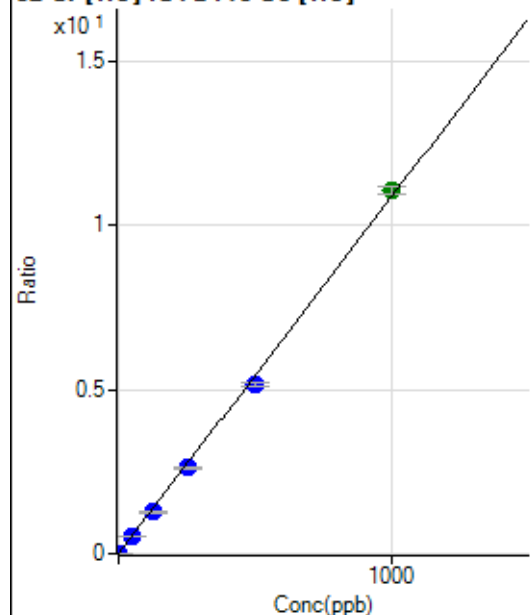
$$R = 0.9996$$

$$DL = 0.006745$$

$$BEC = 0.003226$$

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	663.36	0.0033	P	9.7
2	☐	2.000	1.737	4458.52	0.0222	P	3.3
3	☐	50.000	47.458	103390.83	0.5193	P	1.1
4	☐	125.000	116.786	246719.93	1.2730	P	2.4
5	☐	250.000	240.094	508204.76	2.6136	P	2.1
6	☐	500.000	473.638	1007495.84	5.1527	P	1.9
7	☐	1000.000	1016.812	2178310.82	11.0580	A	2.0
8	☐			13643.27	0.0667	P	0.8

$$y = 0.0109 * x + 0.0033$$

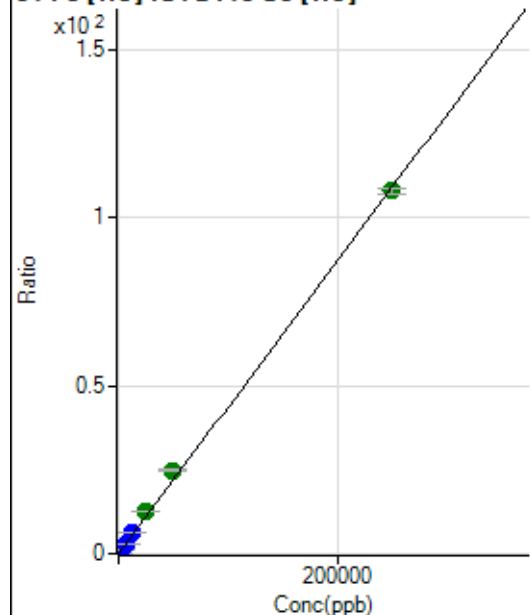
$$R = 0.9994$$

$$DL = 0.08929$$

$$BEC = 0.306$$

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	677.81	0.0034	P	1.8
2	☐	50.000	50.210	5071.36	0.0253	P	4.5
3	☐	2500.000	2772.849	241145.65	1.2112	P	1.5
4	☐	6250.000	6813.205	575802.89	2.9710	P	1.9
5	☐	12500.000	13995.423	1186053.79	6.0994	P	1.8
6	☐	25000.000	28870.979	2459661.14	12.5787	A	1.3
7	☐	50000.000	56841.657	4877574.47	24.7618	A	1.8
8	☐	250000.00	248152.99	22119971.56	108.0909	A	1.6

$$y = 4.3557E-004 * x + 0.0034$$

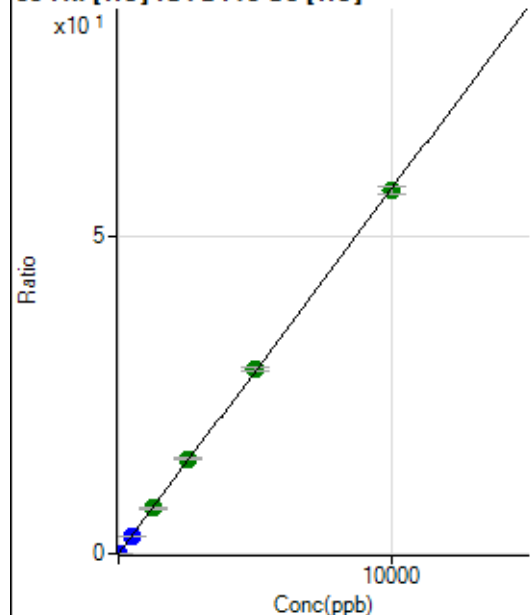
$$R = 0.9995$$

$$DL = 0.4191$$

$$BEC = 7.805$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0003	P	20.6
2	☐	1.000	1.010	1222.29	0.0061	P	12.0
3	☐	500.000	492.119	562852.68	2.8269	P	0.8
4	☐	1250.000	1258.460	1400992.79	7.2286	A	3.7
5	☐	2500.000	2586.353	2888866.28	14.8556	A	2.0
6	☐	5000.000	5063.598	5686921.30	29.0843	A	2.5
7	☐	10000.000	9945.949	11253050.39	57.1273	A	2.3
8	☐			10814.19	0.0528	P	0.8

$$y = 0.0057 * x + 2.8993E-004$$

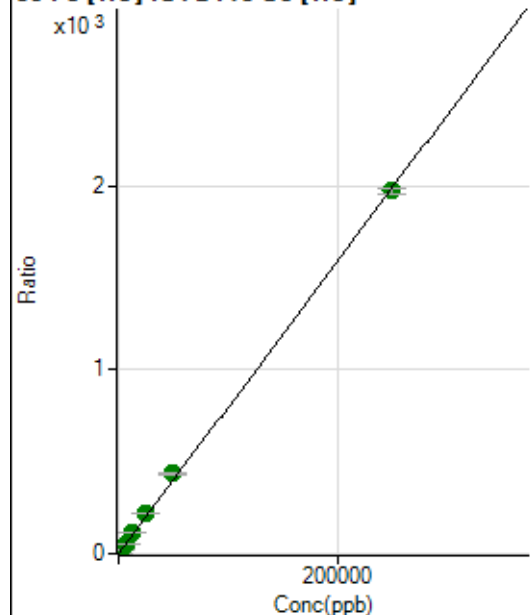
$$R = 0.9999$$

$$DL = 0.0312$$

$$BEC = 0.05048$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4089.54	0.0205	P	3.4
2	☐	50.000	49.462	82957.20	0.4133	P	3.5
3	☐	2500.000	2825.705	4472183.23	22.4620	A	2.1
4	☐	6250.000	6972.051	10735079.64	55.3919	A	3.3
5	☐	12500.000	14436.433	22298490.31	114.6733	A	2.1
6	☐	25000.000	27685.853	42996279.66	219.8989	A	2.1
7	☐	50000.000	54963.471	85987308.40	436.5351	A	2.2
8	☐	250000.00	248620.59	404072668.2	1974.541	A	1.5

$$y = 0.0079 * x + 0.0205$$

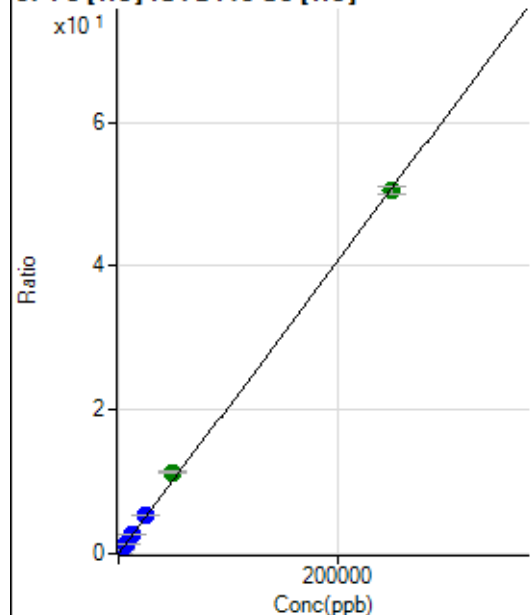
$$R = 0.9998$$

$$DL = 0.2654$$

$$BEC = 2.583$$

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	275.94	0.0014	P	12.0
2	☐	50.000	49.056	2276.15	0.0113	P	6.4
3	☐	2500.000	2664.046	107953.91	0.5422	P	1.9
4	☐	6250.000	6592.438	259651.75	1.3397	P	2.6
5	☐	12500.000	13444.901	530943.93	2.7308	P	2.2
6	☐	25000.000	26341.731	1045793.57	5.3489	P	2.6
7	☐	50000.000	55785.074	2231004.98	11.3260	A	1.3
8	☐	250000.00	248651.36	10330172.22	50.4787	A	2.0

$$y = 2.0300\text{E-}004 * x + 0.0014$$

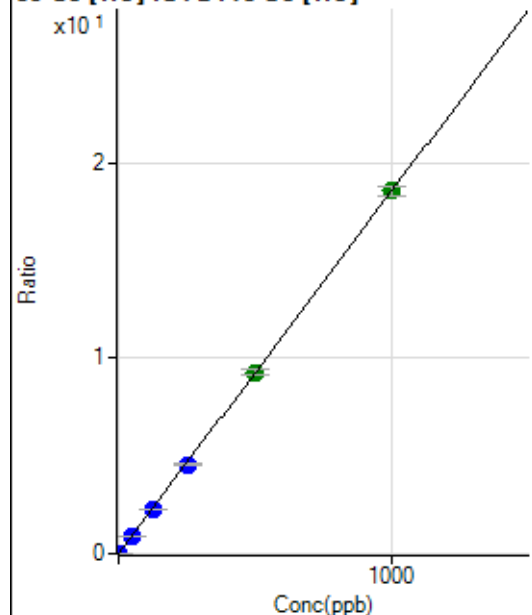
$$R = 0.9997$$

$$DL = 2.455$$

$$BEC = 6.819$$

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	84.44	0.0004	P	14.2
2	☐	1.000	0.928	3538.25	0.0176	P	3.5
3	☐	50.000	49.089	181209.95	0.9101	P	1.6
4	☐	125.000	121.457	436309.18	2.2512	P	2.2
5	☐	250.000	246.345	887793.25	4.5656	P	1.0
6	☐	500.000	500.512	1813466.85	9.2757	A	3.2
7	☐	1000.000	1001.146	3654990.78	18.5532	A	2.5
8	☐			3208.17	0.0157	P	3.4

$$y = 0.0185 * x + 4.2366\text{E-}004$$

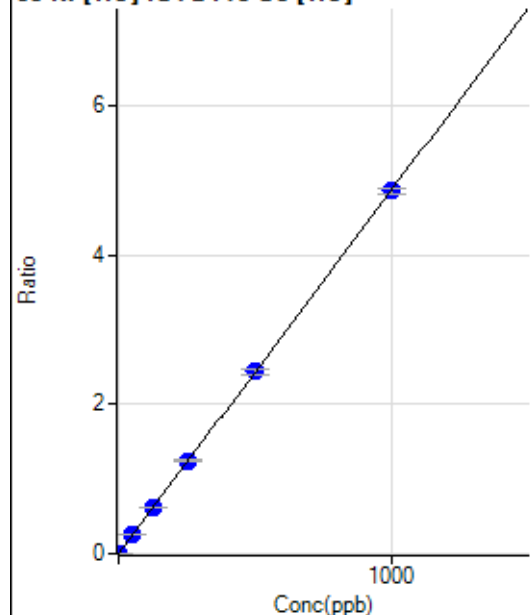
$$R = 1.0000$$

$$DL = 0.00975$$

$$BEC = 0.02286$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.33	0.0003	P	6.1
2	☐	1.000	0.945	976.71	0.0049	P	2.9
3	☐	50.000	51.599	50047.86	0.2514	P	1.2
4	☐	125.000	127.294	120111.38	0.6197	P	1.7
5	☐	250.000	255.675	241995.75	1.2445	P	2.1
6	☐	500.000	500.465	476218.24	2.4357	P	2.8
7	☐	1000.000	997.982	956748.55	4.8568	P	1.5
8	☐			2605.82	0.0127	P	6.0

$$y = 0.0049 * x + 2.6748E-004$$

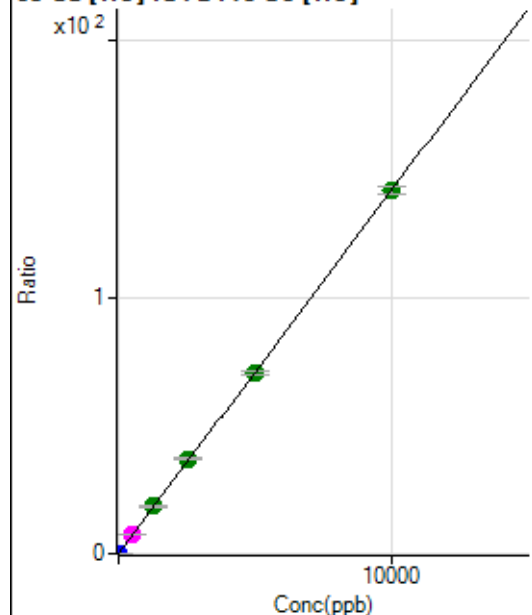
$$R = 1.0000$$

$$DL = 0.0101$$

$$BEC = 0.05497$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	966.71	0.0048	P	4.7
2	☐	2.000	1.866	6283.67	0.0313	P	4.2
3	☐	500.000	518.466	1464427.91	7.3545	M	5.2
4	☐	1250.000	1300.476	3573714.91	18.4402	A	2.5
5	☐	2500.000	2599.704	7167133.64	36.8579	A	1.9
6	☐	5000.000	4968.529	13772213.83	70.4380	A	2.2
7	☐	10000.000	9983.577	27881334.03	141.5306	A	2.0
8	☐			7298.61	0.0357	P	1.3

$$y = 0.0142 * x + 0.0048$$

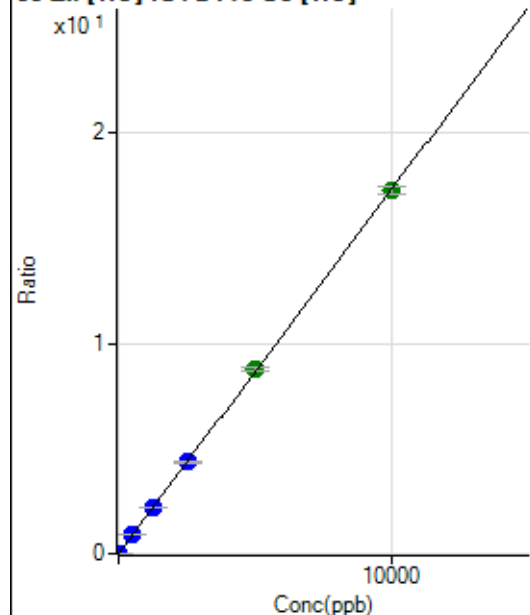
$$R = 0.9999$$

$$DL = 0.04807$$

$$BEC = 0.342$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	144.45	0.0007	P	7.2
2	☐	2.000	2.124	884.48	0.0044	P	6.0
3	☐	500.000	512.508	177010.67	0.8891	P	1.0
4	☐	1250.000	1260.001	423398.82	2.1847	P	2.2
5	☐	2500.000	2518.520	848974.76	4.3661	P	2.1
6	☐	5000.000	5062.487	1715914.94	8.7756	A	1.5
7	☐	10000.000	9962.251	3401690.26	17.2683	A	2.1
8	☐			2154.63	0.0105	P	0.7

$$y = 0.0017 * x + 7.2456E-004$$

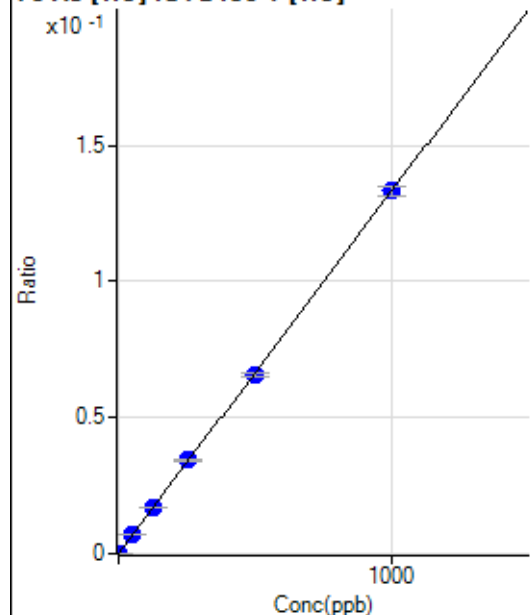
$$R = 1.0000$$

$$DL = 0.09059$$

$$BEC = 0.418$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.67	0.0000	P	54.9
2	☐	1.000	0.984	196.69	0.0001	P	7.6
3	☐	50.000	52.284	9913.81	0.0070	P	2.6
4	☐	125.000	126.221	23943.65	0.0168	P	2.3
5	☐	250.000	258.711	48742.84	0.0345	P	2.3
6	☐	500.000	493.483	95913.81	0.0657	P	2.9
7	☐	1000.000	1000.814	195328.31	0.1333	P	2.8
8	☐			56.34	0.0000	P	7.5

$$y = 1.3319E-004 * x + 3.2326E-006$$

$$R = 0.9999$$

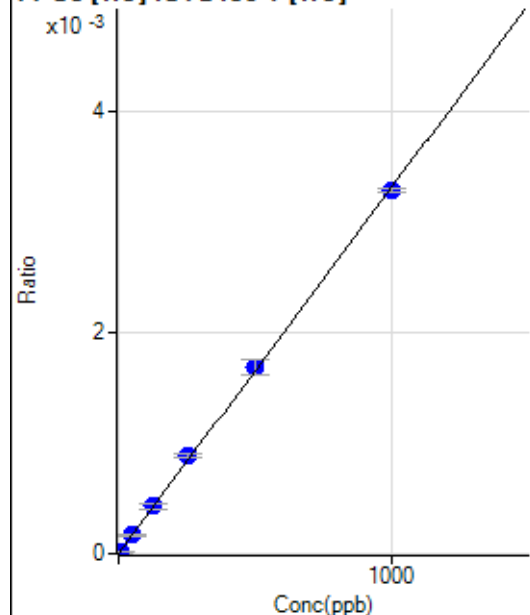
$$DL = 0.03994$$

$$BEC = 0.02427$$

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	1.11	0.0000	P	173.
2	☐	5.000	3.205	16.67	0.0000	P	20.7
3	☐	50.000	50.751	240.00	0.0002	P	7.8
4	☐	125.000	128.525	606.69	0.0004	P	9.5
5	☐	250.000	268.491	1257.85	0.0009	P	2.8
6	☐	500.000	507.674	2450.24	0.0017	P	8.5
7	☐	1000.000	991.071	4806.43	0.0033	P	0.9
8	☐			2.22	0.0000	P	86.6

$$y = 3.3090\text{E-}006 * x + 7.7342\text{E-}007$$

$$R = 0.9997$$

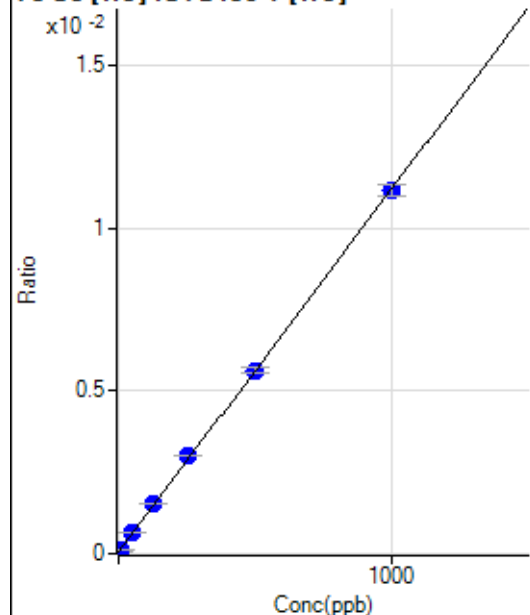
$$DL = 1.215$$

$$BEC = 0.2337$$

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	74.34	0.0001	P	10.4
2	☐	5.000	4.443	147.68	0.0001	P	10.2
3	☐	50.000	54.060	929.46	0.0007	P	3.9
4	☐	125.000	133.177	2184.73	0.0015	P	1.9
5	☐	250.000	265.364	4252.07	0.0030	P	1.6
6	☐	500.000	499.537	8191.21	0.0056	P	3.1
7	☐	1000.000	995.168	16312.72	0.0111	P	3.1
8	☐			77.01	0.0001	P	14.5

$$y = 1.1135\text{E-}005 * x + 5.1237\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.434$$

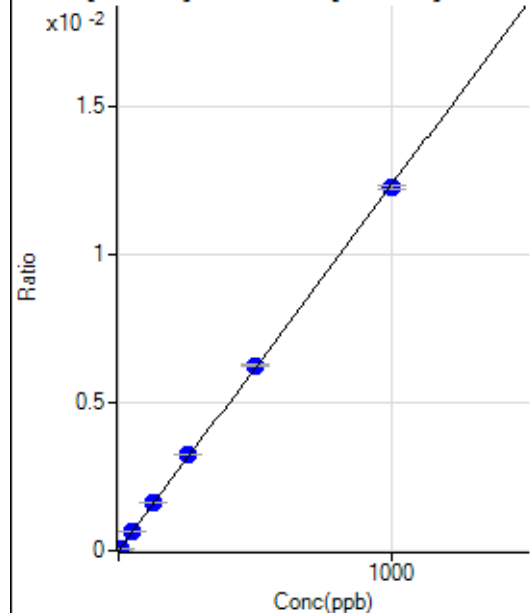
$$BEC = 4.601$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45850.62		P	1.1
2	☐			45779.53		P	1.0
3	☐			44912.20		P	5.7
4	☐			42526.76		P	2.3
5	☐			41033.18		P	1.3
6	☐			40263.32		P	2.2
7	☐			39744.00		P	1.9
8	☐			42157.28		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37.08	0.0000	P	71.6
2	☐	5.000	4.698	778.27	0.0001	P	3.6
3	☐	50.000	53.461	8249.91	0.0007	P	1.5
4	☐	125.000	131.205	20049.69	0.0016	P	1.4
5	☐	250.000	262.523	40381.93	0.0032	P	0.5
6	☐	500.000	507.198	77992.62	0.0063	P	0.7
7	☐	1000.000	992.323	153089.33	0.0123	P	1.0
8	☐			270.40	0.0000	P	11.5

$$y = 1.2357E-005 * x + 3.0333E-006$$

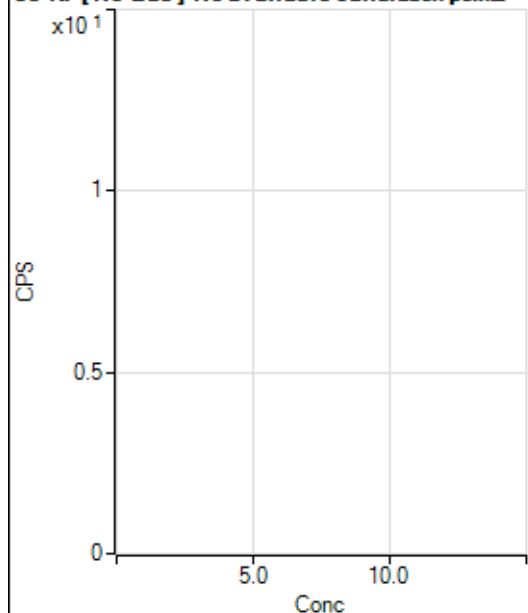
$$R = 0.9999$$

$$DL = 0.5273$$

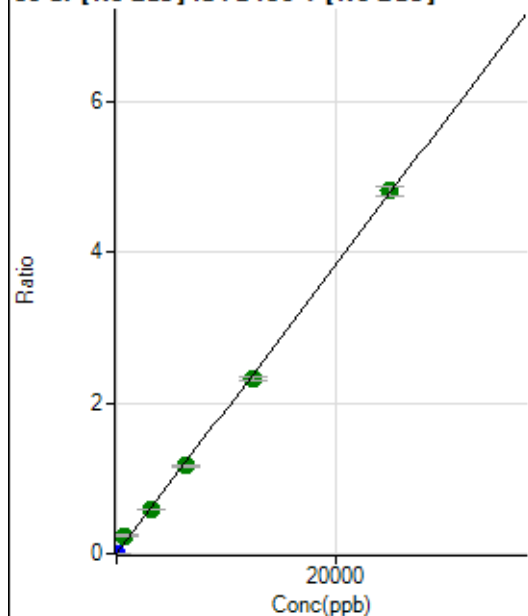
$$BEC = 0.2455$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			276.64		P	12.5
2	☐			301.22		P	1.8
3	☐			300.80		P	7.7
4	☐			301.22		P	9.0
5	☐			320.38		P	7.5
6	☐			296.22		P	6.8
7	☐			328.71		P	2.0
8	☐			337.04		P	3.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	480.58	0.0000	P	2.6
2	☐	1.000	0.857	2589.21	0.0002	P	3.8
3	☐	625.000	1255.627	2985060.38	0.2401	A	2.1
4	☐	3125.000	3043.513	7185295.48	0.5820	A	0.7
5	☐	6250.000	6102.975	14513821.33	1.1671	A	0.9
6	☐	12500.000	12158.301	28916524.26	2.3250	A	1.7
7	☐	25000.000	25202.026	60139425.65	4.8192	A	2.8
8	☐			22694.88	0.0018	P	30.3

$$y = 1.9122\text{E-}004 * x + 3.9366\text{E-}005$$

$$R = 0.9994$$

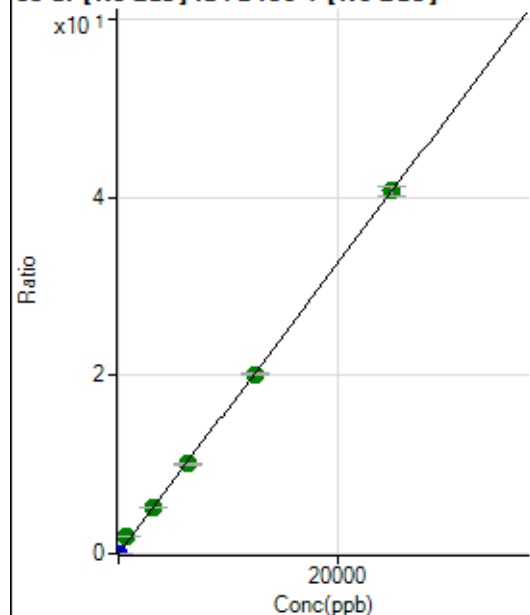
$$DL = 0.01586$$

$$BEC = 0.2059$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	250.01	0.0000	P	17.6
2	☐	1.000	0.907	19046.82	0.0015	P	0.8
3	☐	625.000	1243.890	25134142.75	2.0219	A	1.1
4	☐	3125.000	3132.905	62871636.82	5.0925	A	0.7
5	☐	6250.000	6201.325	125355891.6	10.0802	A	2.3
6	☐	12500.000	12385.967	250416916.7	20.1333	A	0.9
7	☐	25000.000	25052.725	508192316.9	40.7229	A	2.8
8	☐			194973.48	0.0159	P	31.8

$$y = 0.0016 * x + 2.0483E-005$$

$$R = 0.9997$$

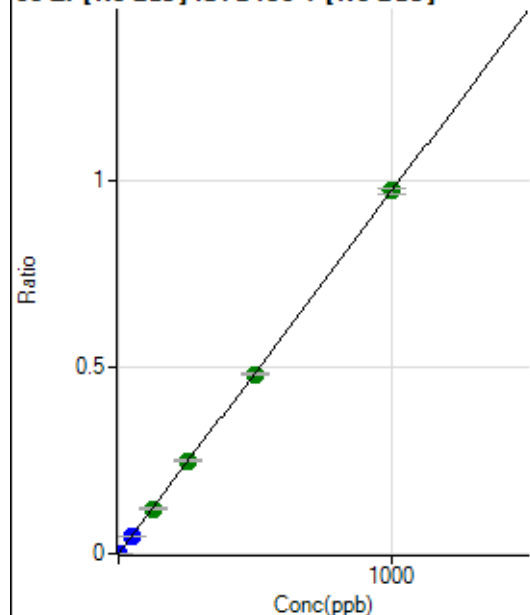
$$DL = 0.00664$$

$$BEC = 0.0126$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	469.47	0.0000	P	18.8
2	☐	1.000	0.866	11196.44	0.0009	P	0.9
3	☐	50.000	49.590	598812.69	0.0482	P	0.6
4	☐	125.000	124.514	1492497.49	0.1209	A	0.4
5	☐	250.000	256.517	3096926.22	0.2490	A	1.3
6	☐	500.000	494.515	5970723.35	0.4800	A	1.2
7	☐	1000.000	1001.194	12130071.19	0.9718	A	1.3
8	☐			4434.33	0.0004	P	32.0

$$y = 9.7065E-004 * x + 3.8416E-005$$

$$R = 1.0000$$

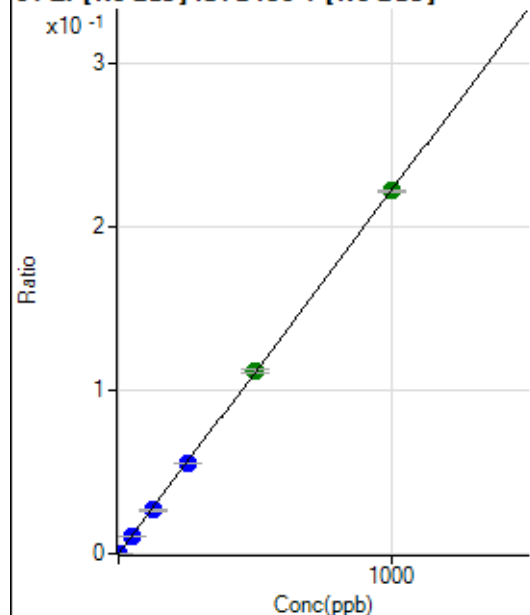
$$DL = 0.02228$$

$$BEC = 0.03958$$

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	94.45	0.0000	P	40.4
2	☐	1.000	0.875	2575.32	0.0002	P	5.1
3	☐	50.000	49.258	136203.41	0.0110	P	1.9
4	☐	125.000	120.180	329788.02	0.0267	P	2.7
5	☐	250.000	247.666	684749.36	0.0551	P	0.3
6	☐	500.000	504.513	1394996.60	0.1122	A	2.2
7	☐	1000.000	998.967	2771797.48	0.2221	A	0.4
8	☐			1061.20	0.0001	P	33.4

$$y = 2.2228\text{E-}004 * x + 7.7504\text{E-}006$$

$$R = 1.0000$$

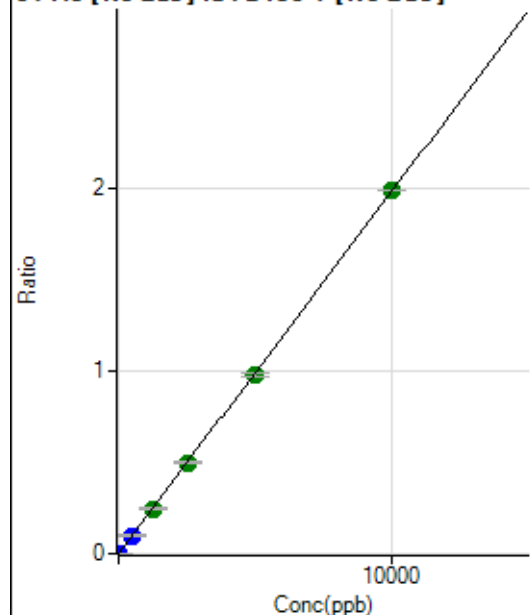
$$DL = 0.04223$$

$$BEC = 0.03487$$

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	152.78	0.0000	P	26.8
2	☐	5.000	5.425	13815.62	0.0011	P	4.6
3	☐	500.000	503.488	1237364.01	0.0995	P	1.1
4	☐	1250.000	1248.151	3046582.60	0.2467	A	1.6
5	☐	2500.000	2515.810	6185242.67	0.4973	A	0.6
6	☐	5000.000	4947.843	12165493.76	0.9781	A	1.9
7	☐	10000.000	10022.183	24730584.23	1.9812	A	0.1
8	☐			9879.33	0.0008	P	25.2

$$y = 1.9768\text{E-}004 * x + 1.2499\text{E-}005$$

$$R = 1.0000$$

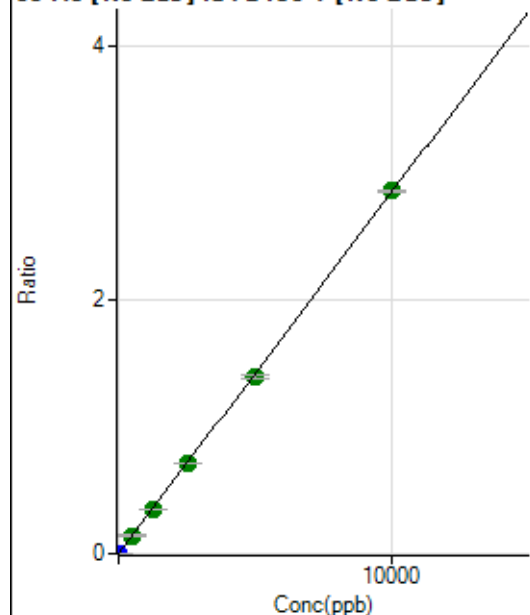
$$DL = 0.05084$$

$$BEC = 0.06323$$

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	13.89	0.0000	P	92.0
2	☐	5.000	4.536	16471.27	0.0013	P	1.3
3	☐	500.000	505.732	1790722.98	0.1441	A	1.3
4	☐	1250.000	1236.819	4348756.87	0.3523	A	1.1
5	☐	2500.000	2513.879	8905345.86	0.7161	A	0.9
6	☐	5000.000	4901.178	17364621.40	1.3961	A	1.9
7	☐	10000.000	10047.302	35722107.40	2.8619	A	0.7
8	☐			13255.12	0.0011	P	27.8

$$y = 2.8484\text{E-}004 * x + 1.1379\text{E-}006$$

$$R = 0.9999$$

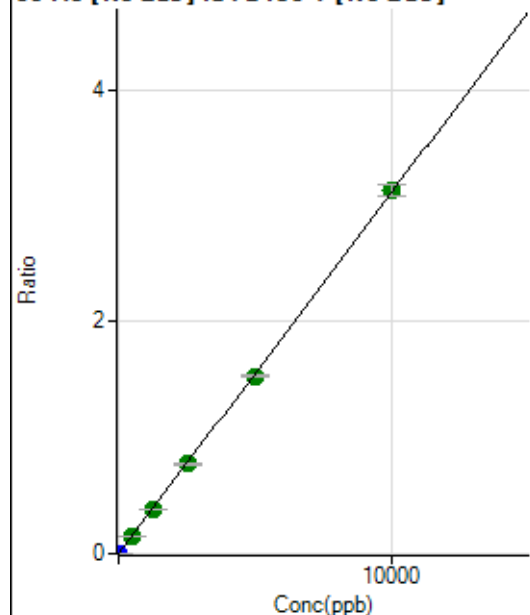
$$DL = 0.01102$$

$$BEC = 0.003995$$

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	144.45	0.0000	P	8.2
2	☐	5.000	4.649	18568.47	0.0015	P	2.0
3	☐	500.000	497.162	1922483.94	0.1547	A	1.8
4	☐	1250.000	1227.385	4711799.20	0.3818	A	3.3
5	☐	2500.000	2487.731	9623331.20	0.7738	A	1.8
6	☐	5000.000	4911.054	19000002.85	1.5276	A	1.4
7	☐	10000.000	10050.509	39011478.65	3.1262	A	3.1
8	☐			27955.78	0.0023	P	17.4

$$y = 3.1105\text{E-}004 * x + 1.1827\text{E-}005$$

$$R = 0.9999$$

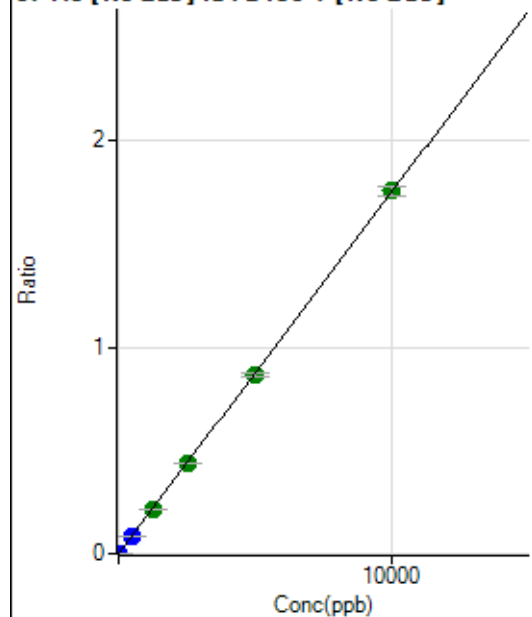
$$DL = 0.009316$$

$$BEC = 0.03802$$

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	11.11	0.0000	P	114.
2	☐	5.000	4.501	10034.44	0.0008	P	4.7
3	☐	500.000	498.621	1083996.28	0.0872	P	0.9
4	☐	1250.000	1225.112	2644853.42	0.2143	A	1.7
5	☐	2500.000	2501.653	5440987.88	0.4375	A	1.4
6	☐	5000.000	4933.697	10732183.22	0.8628	A	2.1
7	☐	10000.000	10035.918	21902667.85	1.7552	A	3.0
8	☐			7908.29	0.0006	P	25.0

$$y = 1.7489\text{E-}004 * x + 9.0490\text{E-}007$$

$$R = 1.0000$$

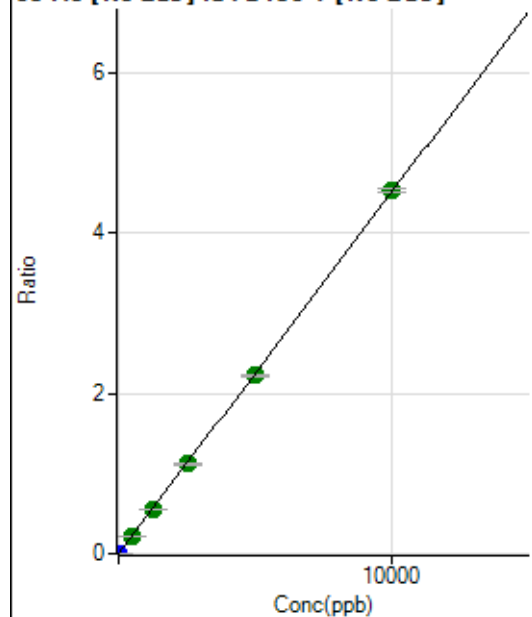
$$DL = 0.01772$$

$$BEC = 0.005174$$

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	63.77	0.0000	P	38.3
2	☐	5.000	4.580	26360.72	0.0021	P	5.1
3	☐	500.000	496.778	2784526.18	0.2240	A	1.4
4	☐	1250.000	1225.963	6823596.02	0.5528	A	1.0
5	☐	2500.000	2488.741	13955856.05	1.1222	A	1.3
6	☐	5000.000	4925.536	27625231.40	2.2209	A	1.8
7	☐	10000.000	10043.213	56520987.75	4.5285	A	1.1
8	☐			19491.98	0.0016	P	28.7

$$y = 4.5090\text{E-}004 * x + 5.2296\text{E-}006$$

$$R = 1.0000$$

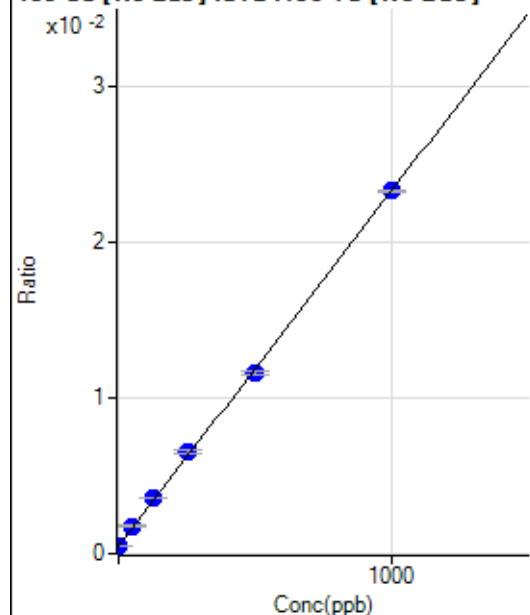
$$DL = 0.01333$$

$$BEC = 0.0116$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4072.94	0.0005	P	4.7
2	☐	1.000	0.767	4248.01	0.0005	P	1.6
3	☐	50.000	56.622	14872.34	0.0018	P	4.2
4	☐	125.000	135.060	30072.49	0.0036	P	2.7
5	☐	250.000	266.421	55730.38	0.0066	P	4.6
6	☐	500.000	488.910	102456.78	0.0117	P	2.2
7	☐	1000.000	999.851	200884.14	0.0233	P	0.4
8	☐			4061.82	0.0005	P	3.4

$$y = 2.2852E-005 * x + 4.8908E-004$$

$$R = 0.9997$$

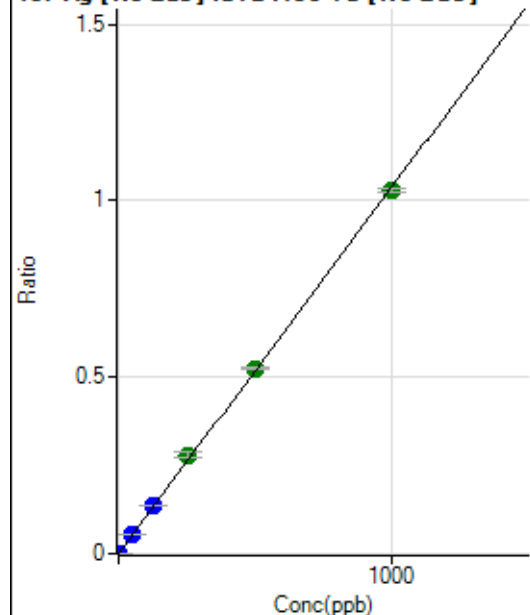
$$DL = 3.001$$

$$BEC = 21.4$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	355.57	0.0000	P	8.8
2	☐	1.000	0.960	8708.56	0.0010	P	3.8
3	☐	50.000	54.293	470146.13	0.0564	P	2.9
4	☐	125.000	131.631	1148885.26	0.1366	P	1.2
5	☐	250.000	270.294	2376230.98	0.2804	A	4.5
6	☐	500.000	506.397	4615846.28	0.5253	A	1.6
7	☐	1000.000	990.684	8846518.51	1.0277	A	1.0
8	☐			5120.59	0.0006	P	12.8

$$y = 0.0010 * x + 4.2757E-005$$

$$R = 0.9997$$

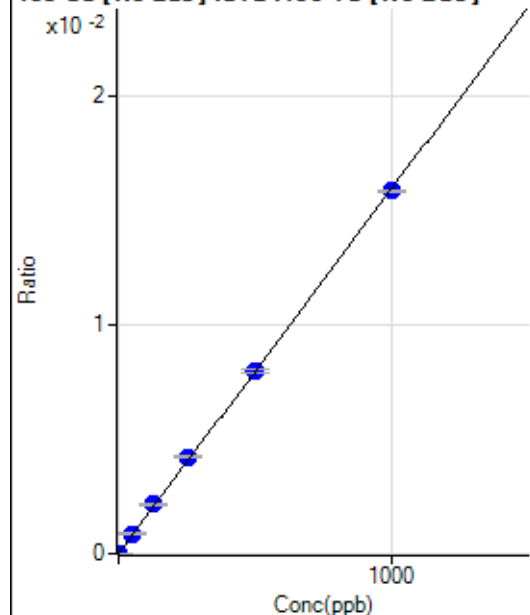
$$DL = 0.01085$$

$$BEC = 0.04122$$

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	34.72	0.0000	P	53.3
2	☐	1.000	0.840	147.23	0.0000	P	4.4
3	☐	50.000	54.916	7343.72	0.0009	P	5.9
4	☐	125.000	135.283	18188.54	0.0022	P	2.2
5	☐	250.000	265.939	35990.09	0.0042	P	1.8
6	☐	500.000	499.604	70077.40	0.0080	P	1.6
7	☐	1000.000	994.682	136647.05	0.0159	P	0.4
8	☐			100.00	0.0000	P	22.5

$$y = 1.5956E-005 * x + 4.1527E-006$$

$$R = 0.9998$$

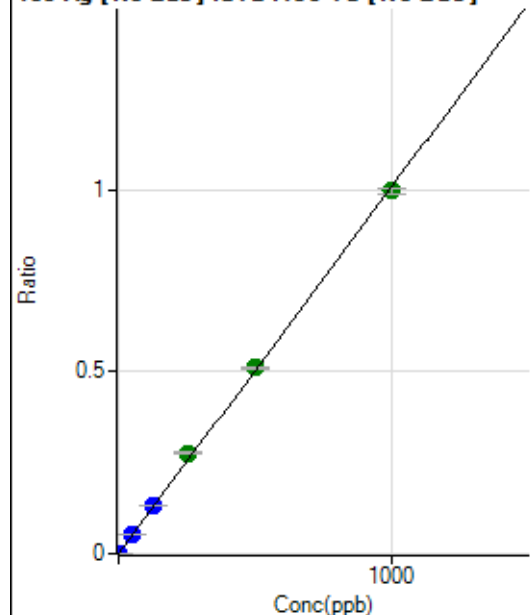
$$DL = 0.416$$

$$BEC = 0.2603$$

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	319.46	0.0000	P	8.4
2	☐	1.000	0.949	8338.91	0.0010	P	3.9
3	☐	50.000	53.199	447191.56	0.0536	P	1.4
4	☐	125.000	130.035	1101651.53	0.1310	P	1.8
5	☐	250.000	274.297	2340618.11	0.2762	A	1.5
6	☐	500.000	506.870	4484733.56	0.5104	A	1.2
7	☐	1000.000	989.701	8577948.37	0.9966	A	1.5
8	☐			4987.19	0.0006	P	13.7

$$y = 0.0010 * x + 3.8394E-005$$

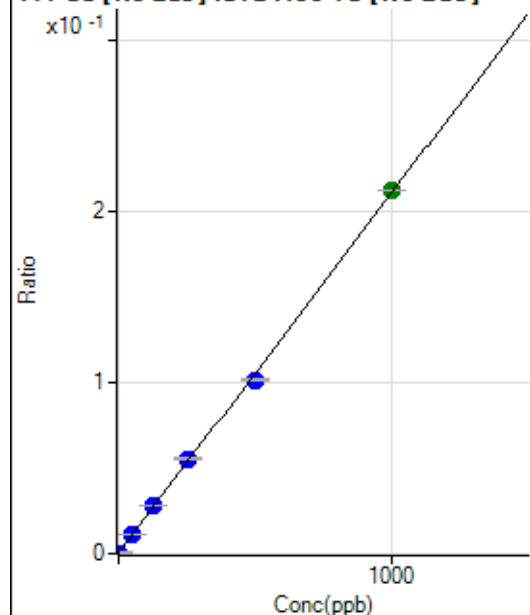
$$R = 0.9996$$

$$DL = 0.009645$$

$$BEC = 0.03813$$

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	2842.02	0.0003	P	4.0
2	☐	1.000	1.012	4642.91	0.0006	P	3.2
3	☐	50.000	53.908	97286.93	0.0117	P	0.7
4	☐	125.000	129.708	231967.40	0.0276	P	0.5
5	☐	250.000	261.313	467849.97	0.0552	P	1.4
6	☐	500.000	480.088	888787.61	0.1012	P	1.5
7	☐	1000.000	1006.344	1821960.29	0.2117	A	0.1
8	☐			3548.31	0.0004	P	7.5

$$y = 2.0999\text{E-}004 * x + 3.4129\text{E-}004$$

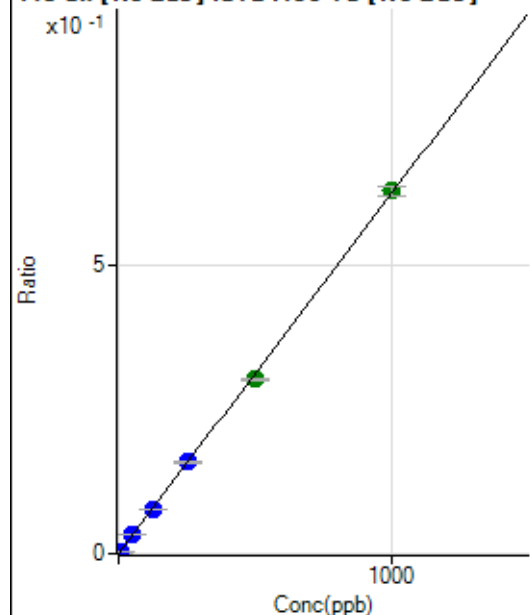
$$R = 0.9996$$

$$DL = 0.1942$$

$$BEC = 1.625$$

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	930.61	0.0001	P	6.0
2	☐	5.000	4.695	25549.60	0.0030	P	1.6
3	☐	50.000	50.996	266933.55	0.0320	P	0.5
4	☐	125.000	123.212	648844.64	0.0771	P	1.0
5	☐	250.000	254.057	1346893.99	0.1590	P	1.1
6	☐	500.000	483.939	2659830.44	0.3027	A	1.4
7	☐	1000.000	1007.191	5420958.84	0.6298	A	2.6
8	☐			6218.27	0.0008	P	16.4

$$y = 6.2522\text{E-}004 * x + 1.1173\text{E-}004$$

$$R = 0.9998$$

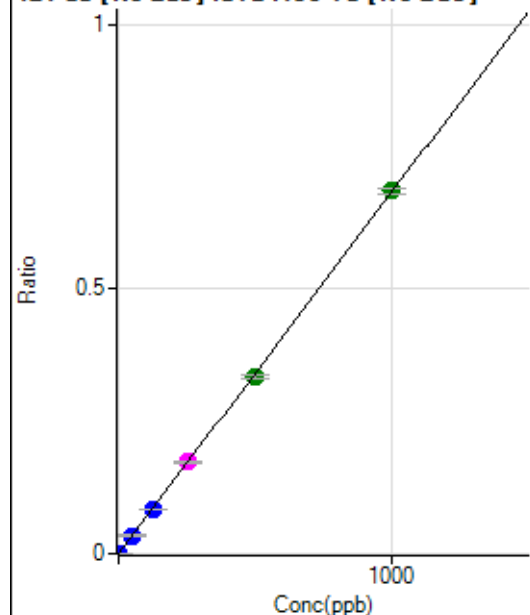
$$DL = 0.03205$$

$$BEC = 0.1787$$

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	22.22	0.0000	P	56.5
2	☐	2.000	1.824	10462.63	0.0012	P	4.7
3	☐	50.000	50.518	287638.46	0.0345	P	1.5
4	☐	125.000	122.256	701863.40	0.0834	P	1.2
5	☐	250.000	253.686	1467144.58	0.1731	M	1.4
6	☐	500.000	490.108	2939602.43	0.3345	A	1.8
7	☐	1000.000	1004.342	5900270.27	0.6855	A	1.5
8	☐			3864.56	0.0005	P	16.6

$$y = 6.8249\text{E-}004 * x + 2.6541\text{E-}006$$

$$R = 0.9999$$

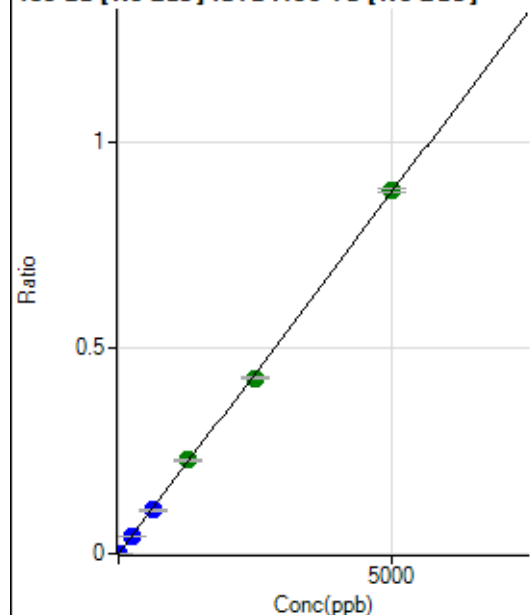
$$DL = 0.006589$$

$$BEC = 0.003889$$

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	11.11	0.0000	P	113.
2	☐	10.000	8.648	12722.99	0.0015	P	2.4
3	☐	250.000	245.386	358847.33	0.0430	P	1.9
4	☐	625.000	602.514	888325.05	0.1056	P	2.1
5	☐	1250.000	1292.095	1919185.37	0.2265	A	1.4
6	☐	2500.000	2435.986	3751873.57	0.4270	A	1.9
7	☐	5000.000	5024.527	7581836.20	0.8808	A	1.2
8	☐			4662.08	0.0006	P	14.2

$$y = 1.7529\text{E-}004 * x + 1.3326\text{E-}006$$

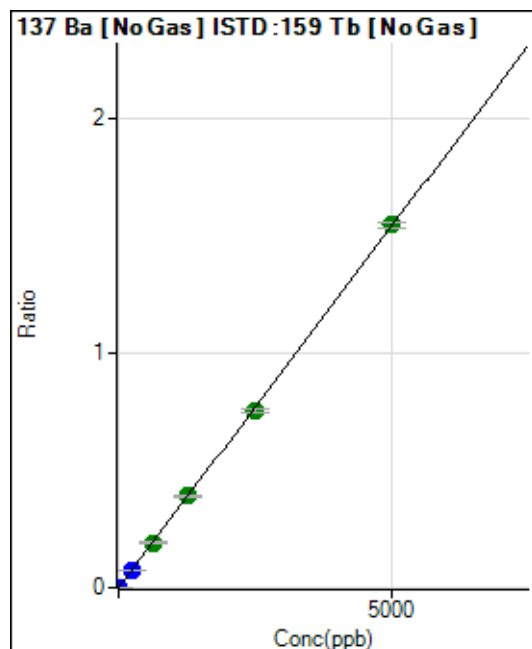
$$R = 0.9998$$

$$DL = 0.0259$$

$$BEC = 0.007602$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	53.7
2	☐	10.000	8.790	22764.29	0.0027	P	3.9
3	☐	250.000	249.778	642421.43	0.0770	P	0.8
4	☐	625.000	620.382	1608847.84	0.1913	A	2.8
5	☐	1250.000	1265.862	3306924.79	0.3902	A	1.5
6	☐	2500.000	2453.044	6645407.96	0.7562	A	2.2
7	☐	5000.000	5020.103	13321254.55	1.5476	A	1.8
8	☐			8236.23	0.0010	P	14.2

$$y = 3.0828E-004 * x + 5.0247E-006$$

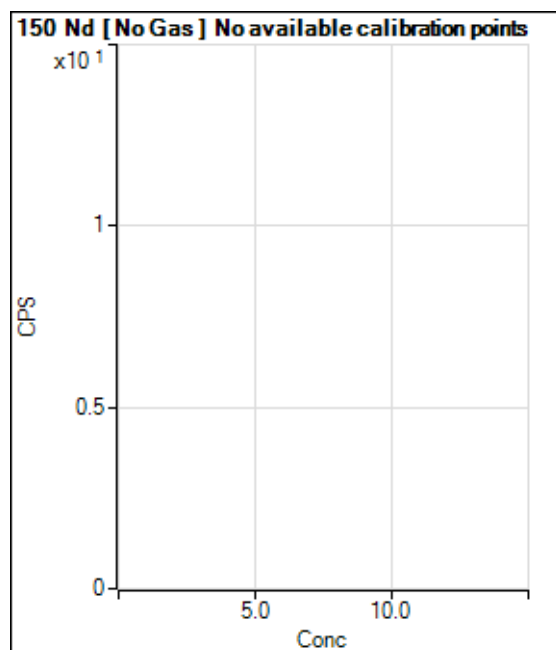
$$R = 0.9999$$

$$DL = 0.02626$$

$$BEC = 0.0163$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐			6.67		P	100.
3	☐			33.33		P	60.0
4	☐			117.78		P	22.9
5	☐			188.90		P	17.8
6	☐			328.90		P	5.1
7	☐			655.58		P	5.2
8	☐			42.22		P	55.5

150 Nd [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	☐			5.55		P	69.3
4	☐			13.33		P	109.
5	☐			8.89		P	21.6
6	☐			22.22		P	31.2
7	☐			46.67		P	12.4
8	☐			12.22		P	41.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			0.00		P	
3	☐			38.89		P	12.4
4	☐			58.33		P	0.0
5	☐			105.56		P	22.8
6	☐			222.23		P	30.5
7	☐			461.13		P	12.3
8	☐			1236.21		P	7.8

156 Dy [He] No available calibration points

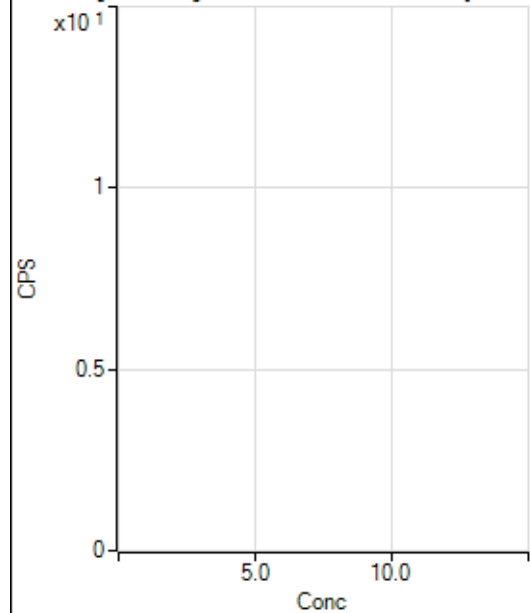
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			3.33		P	100.
3	☐			12.22		P	56.8
4	☐			32.22		P	15.8
5	☐			56.67		P	40.8
6	☐			117.78		P	18.4
7	☐			208.89		P	9.6
8	☐			567.80		P	11.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	27.0
2	☐			69.45		P	18.3
3	☐			88.89		P	10.8
4	☐			155.56		P	11.2
5	☐			177.78		P	25.8
6	☐			283.34		P	13.5
7	☐			352.79		P	10.7
8	☐			1494.57		P	3.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			112.23		P	19.3
2	☐			107.78		P	23.6
3	☐			101.11		P	16.3
4	☐			120.00		P	29.0
5	☐			161.12		P	13.1
6	☐			168.89		P	8.0
7	☐			246.67		P	9.5
8	☐			726.70		P	9.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	21.7
2	☐			77.78		P	44.6
3	☐			63.89		P	54.3
4	☐			52.78		P	39.7
5	☐			108.34		P	15.4
6	☐			83.34		P	30.0
7	☐			116.67		P	7.1
8	☐			94.45		P	28.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	51.5
2	☐			21.11		P	119.
3	☐			18.89		P	27.0
4	☐			13.33		P	66.1
5	☐			24.45		P	15.8
6	☐			34.44		P	24.3
7	☐			46.67		P	7.1
8	☐			55.56		P	9.2

172 Yb [No Gas] No available calibration points

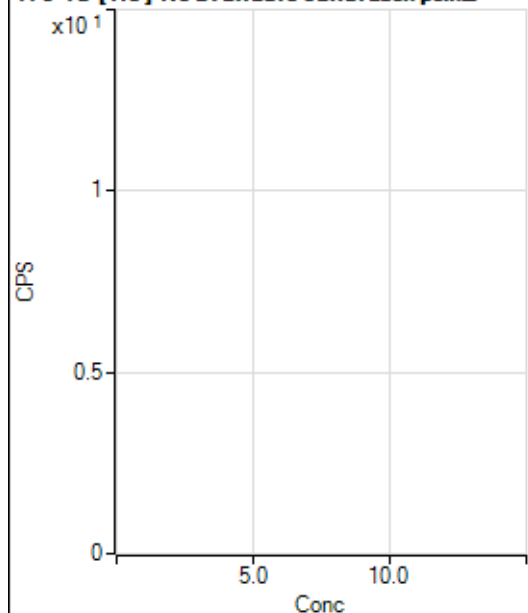
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	40.0
2	☐			47.22		P	20.4
3	☐			55.56		P	8.7
4	☐			83.34		P	10.0
5	☐			58.33		P	62.3
6	☐			122.23		P	27.6
7	☐			197.23		P	31.1
8	☐			533.36		P	15.1

172 Yb [He] No available calibration points

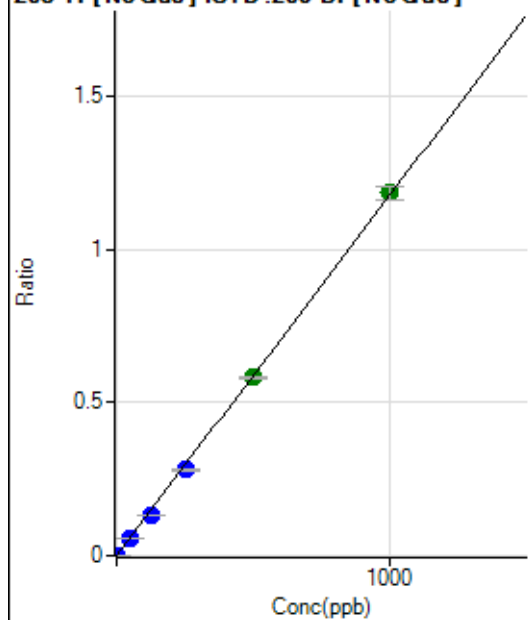
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	33.3
2	☐			31.48		P	83.4
3	☐			31.48		P	73.5
4	☐			18.52		P	45.8
5	☐			37.04		P	22.9
6	☐			51.85		P	22.3
7	☐			72.23		P	42.8
8	☐			287.04		P	4.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1313.99		P	6.7
2	☐			1369.55		P	7.3
3	☐			2386.40		P	6.4
4	☐			4203.55		P	1.4
5	☐			7330.04		P	1.3
6	☐			12973.38		P	3.3
7	☐			25155.16		P	2.2
8	☐			1569.58		P	8.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8341.67		P	5.0
2	☐			8497.32		P	1.8
3	☐			8767.88		P	2.1
4	☐			9586.99		P	0.9
5	☐			10819.43		P	2.3
6	☐			13379.25		P	2.5
7	☐			18620.84		P	1.2
8	☐			8578.86		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	113.89	0.0000	P	16.2
2	☐	1.000	0.864	5287.35	0.0010	P	2.7
3	☐	50.000	46.334	280319.00	0.0546	P	2.8
4	☐	125.000	112.376	681541.32	0.1323	P	2.8
5	☐	250.000	237.924	1440697.07	0.2801	P	0.5
6	☐	500.000	494.450	2964402.02	0.5820	A	1.4
7	☐	1000.000	1007.555	5882309.25	1.1860	A	3.5
8	☐			1644.60	0.0004	P	17.0

$$y = 0.0012 * x + 2.2666E-005$$

$$R = 0.9999$$

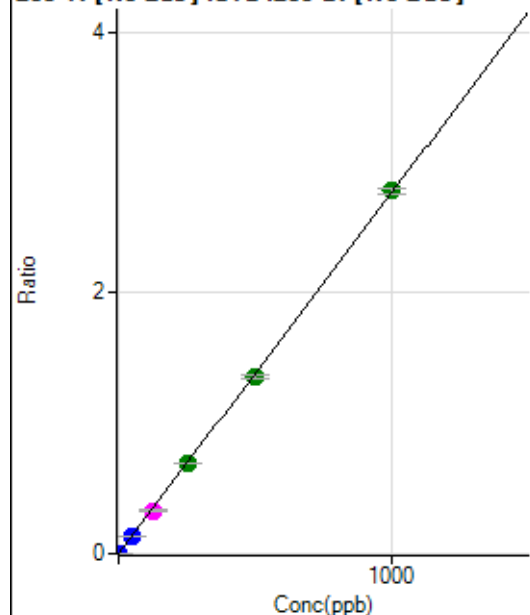
$$DL = 0.009383$$

$$BEC = 0.01926$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.01	0.0000	P	17.7
2	☐	1.000	0.869	12467.44	0.0025	P	2.0
3	☐	50.000	47.632	678119.07	0.1320	P	2.0
4	☐	125.000	119.518	1705639.47	0.3311	M	6.8
5	☐	250.000	249.776	3559133.41	0.6918	A	1.0
6	☐	500.000	491.406	6931088.61	1.3611	A	1.7
7	☐	1000.000	1005.157	13810185.90	2.7840	A	1.7
8	☐			4367.66	0.0010	P	20.2

$$y = 0.0028 * x + 4.5040E-005$$

$$R = 0.9999$$

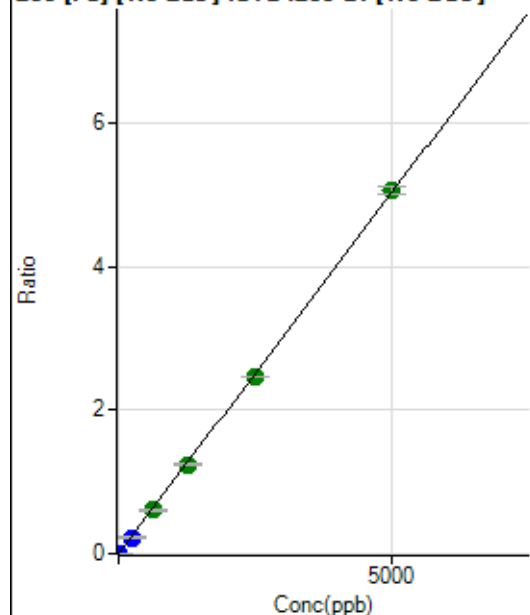
$$DL = 0.00865$$

$$BEC = 0.01626$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	566.69	0.0001	P	11.4
2	☐	1.000	0.788	4606.47	0.0009	P	3.1
3	☐	250.000	225.453	1165322.97	0.2268	P	3.0
4	☐	625.000	601.241	3115222.90	0.6047	A	3.7
5	☐	1250.000	1230.824	6367943.08	1.2378	A	2.1
6	☐	2500.000	2454.836	12571847.50	2.4686	A	0.6
7	☐	5000.000	5031.573	25102242.69	5.0596	A	2.1
8	☐			7688.01	0.0017	P	28.1

$$y = 0.0010 * x + 1.1325E-004$$

$$R = 0.9999$$

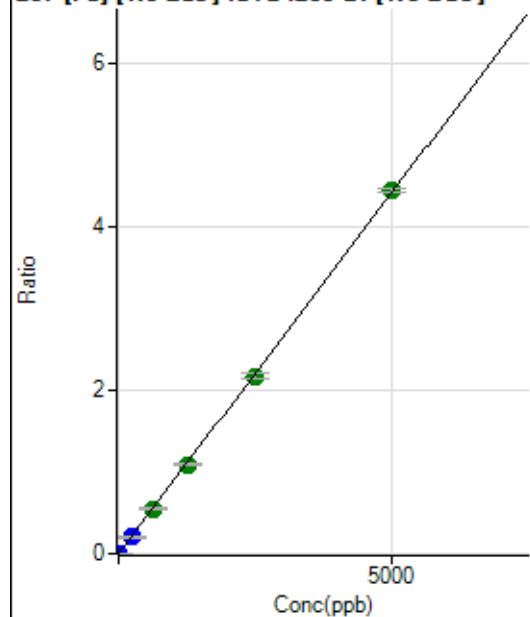
$$DL = 0.03851$$

$$BEC = 0.1126$$

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	527.80	0.0001	P	5.3
2	☐	1.000	0.830	4269.30	0.0008	P	1.6
3	☐	250.000	230.053	1045794.70	0.2036	P	4.2
4	☐	625.000	615.635	2805858.16	0.5447	A	3.8
5	☐	1250.000	1235.649	5623249.78	1.0931	A	0.9
6	☐	2500.000	2457.206	11070347.47	2.1737	A	3.6
7	☐	5000.000	5027.153	22062331.97	4.4470	A	0.9
8	☐			6591.01	0.0015	P	25.7

$$y = 8.8458E-004 * x + 1.0535E-004$$

R = 0.9999

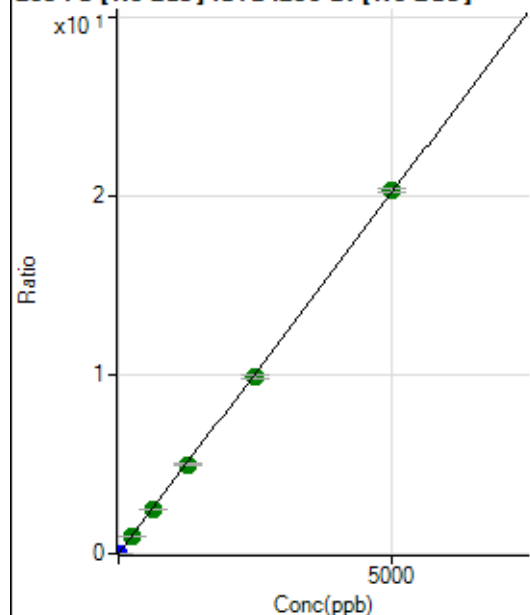
DL = 0.01894

BEC = 0.1191

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	2379.77	0.0005	P	7.0
2	☐	1.000	0.813	19094.82	0.0038	P	0.9
3	☐	250.000	239.120	4956971.46	0.9650	A	3.8
4	☐	625.000	612.118	12723202.51	2.4695	A	2.1
5	☐	1250.000	1234.652	25621019.21	4.9805	A	0.7
6	☐	2500.000	2460.417	50546015.48	9.9248	A	2.0
7	☐	5000.000	5025.783	100577770.3	20.2724	A	1.0
8	☐			30715.83	0.0070	P	27.5

$$y = 0.0040 * x + 4.7552E-004$$

R = 0.9999

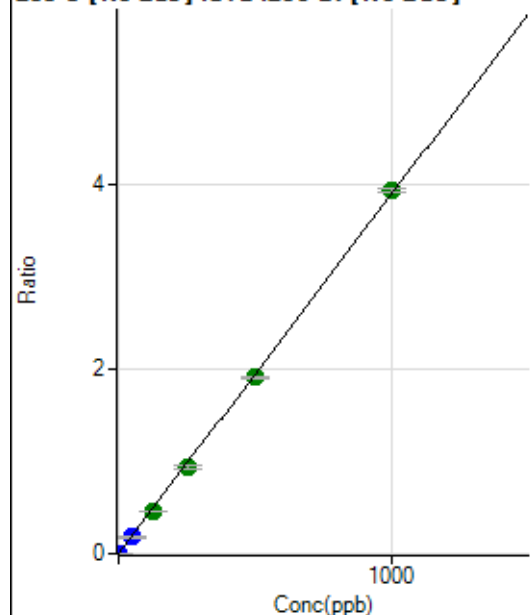
DL = 0.02475

BEC = 0.1179

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	70.0
2	☐	1.000	0.834	16552.95	0.0033	P	1.6
3	☐	50.000	45.653	913994.35	0.1779	P	2.9
4	☐	125.000	117.577	2360841.03	0.4582	A	1.8
5	☐	250.000	239.998	4810382.92	0.9352	A	3.4
6	☐	500.000	489.632	9716315.23	1.9080	A	1.5
7	☐	1000.000	1008.830	19503019.01	3.9312	A	1.1
8	☐			3109.05	0.0007	P	52.2

$$y = 0.0039 * x + 7.1114E-006$$

$$R = 0.9999$$

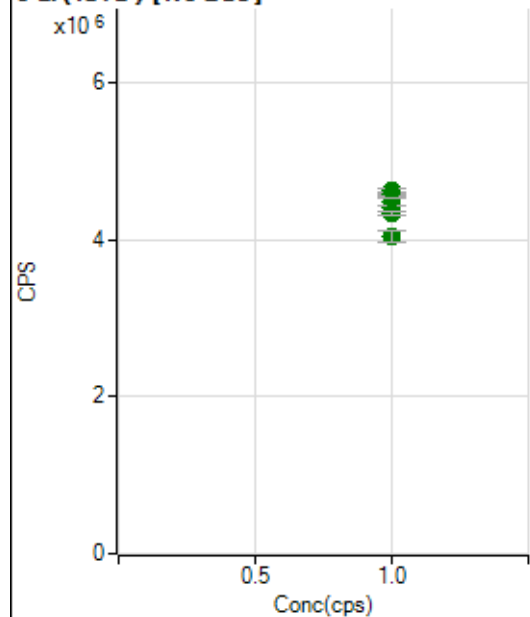
$$DL = 0.003833$$

$$BEC = 0.001825$$

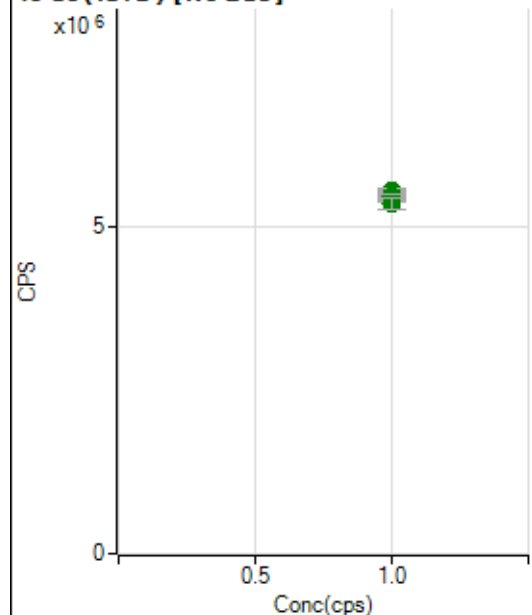
Weight: <None>

Min Conc: 0

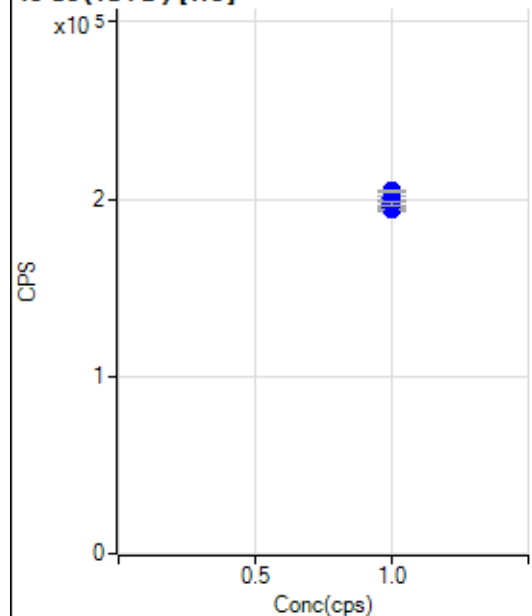
6 Li (ISTD) [No Gas]



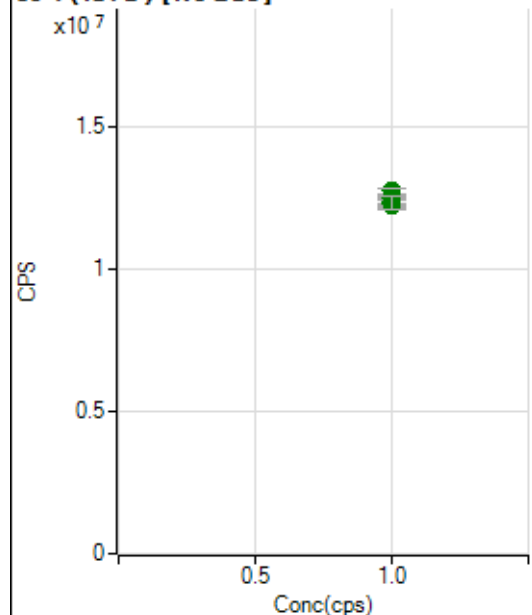
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4619321.60		A	1.4
2	☐	1.000		4603807.14		A	1.9
3	☐	1.000		4583399.32		A	1.2
4	☐	1.000		4547476.94		A	0.3
5	☐	1.000		4486190.75		A	1.9
6	☐	1.000		4399627.81		A	1.9
7	☐	1.000		4333118.10		A	1.7
8	☐	1.000		4029372.51		A	3.7

45 Sc (ISTD) [No Gas]

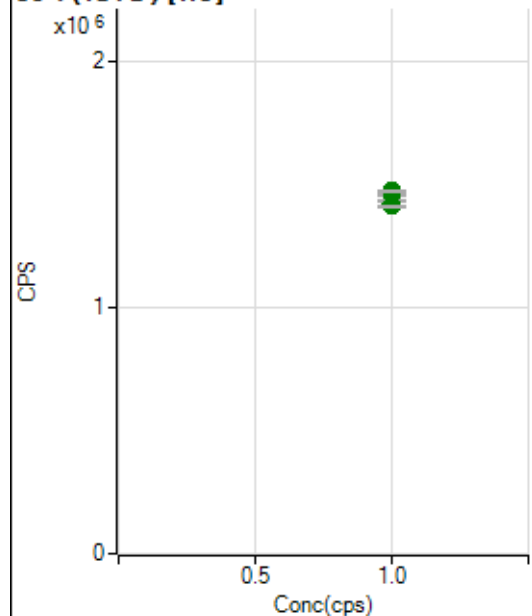
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5561843.67		A	0.5
2	☐	1.000		5446688.81		A	2.0
3	☐	1.000		5492058.32		A	2.4
4	☐	1.000		5523178.11		A	3.0
5	☐	1.000		5486219.92		A	1.2
6	☐	1.000		5452934.30		A	0.7
7	☐	1.000		5468578.32		A	1.6
8	☐	1.000		5358723.98		A	3.4

45 Sc (ISTD) [He]

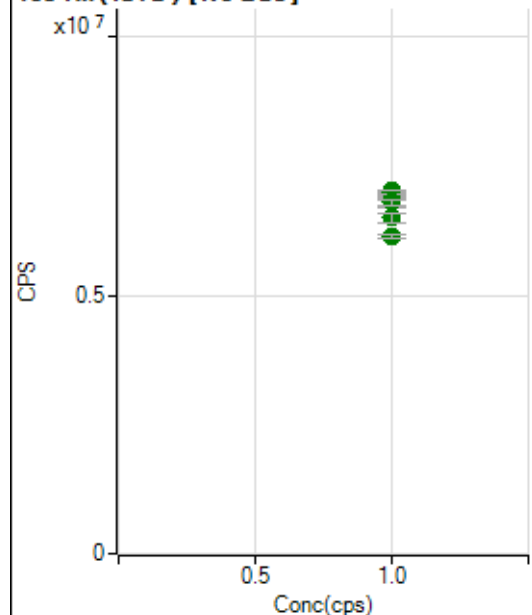
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		199381.69		P	0.3
2	☐	1.000		200743.17		P	0.9
3	☐	1.000		199102.12		P	0.5
4	☐	1.000		193816.09		P	0.8
5	☐	1.000		194460.72		P	1.1
6	☐	1.000		195555.76		P	1.2
7	☐	1.000		196967.92		P	1.1
8	☐	1.000		204653.21		P	0.6

89 Y (ISTD) [No Gas]

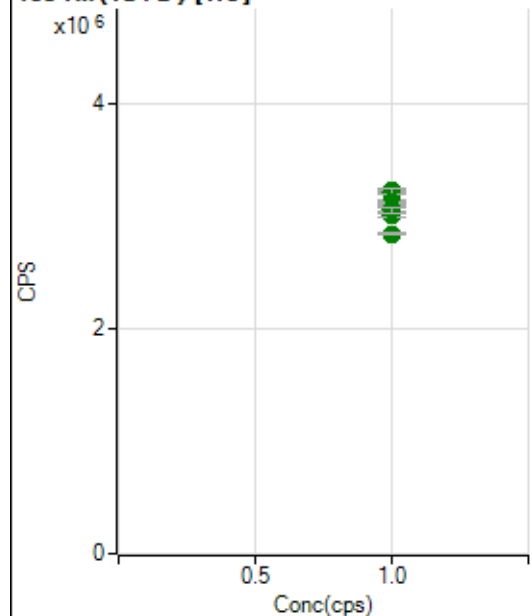
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12209283.29		A	0.7
2	☐	1.000		12737994.67		A	1.3
3	☐	1.000		12430435.65		A	0.3
4	☐	1.000		12344971.48		A	1.6
5	☐	1.000		12436460.51		A	0.3
6	☐	1.000		12438028.57		A	0.5
7	☐	1.000		12482517.59		A	1.5
8	☐	1.000		12302395.37		A	3.9

89 Y (ISTD) [He]

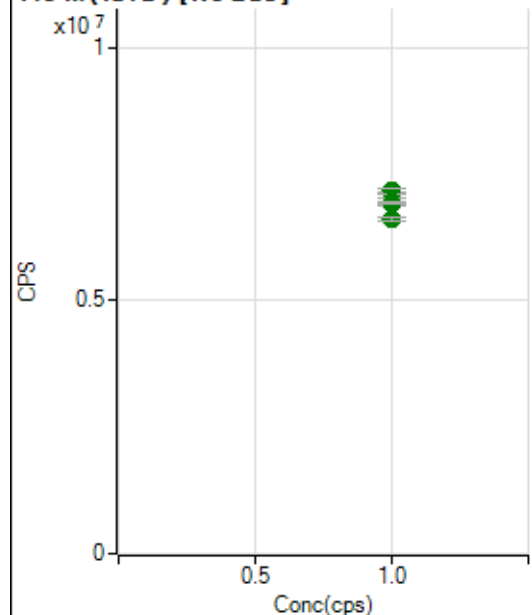
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1452708.03		A	1.9
2	☐	1.000		1466007.58		A	1.5
3	☐	1.000		1423285.62		A	1.3
4	☐	1.000		1423919.18		A	0.8
5	☐	1.000		1414492.32		A	0.4
6	☐	1.000		1459781.54		A	2.3
7	☐	1.000		1465324.11		A	0.5
8	☐	1.000		1476569.32		A	0.4

103 Rh (ISTD) [No Gas]

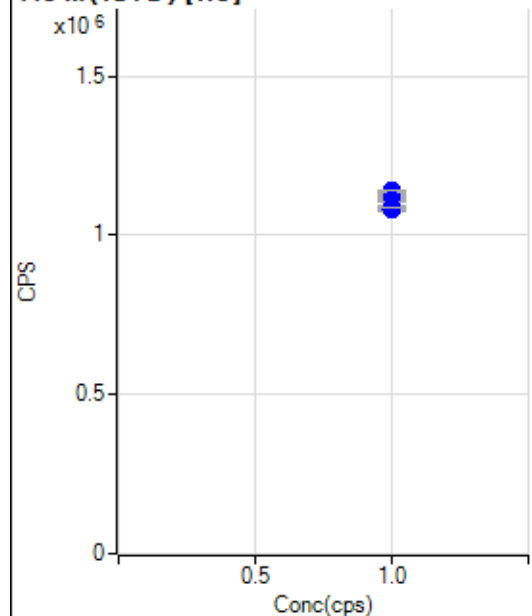
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6803067.16		A	1.9
2	☐	1.000		7016477.50		A	0.7
3	☐	1.000		6941219.69		A	0.9
4	☐	1.000		6978041.30		A	1.2
5	☐	1.000		6826709.57		A	3.6
6	☐	1.000		6789191.90		A	1.3
7	☐	1.000		6493203.70		A	2.5
8	☐	1.000		6127366.20		A	1.2

103 Rh (ISTD) [He]

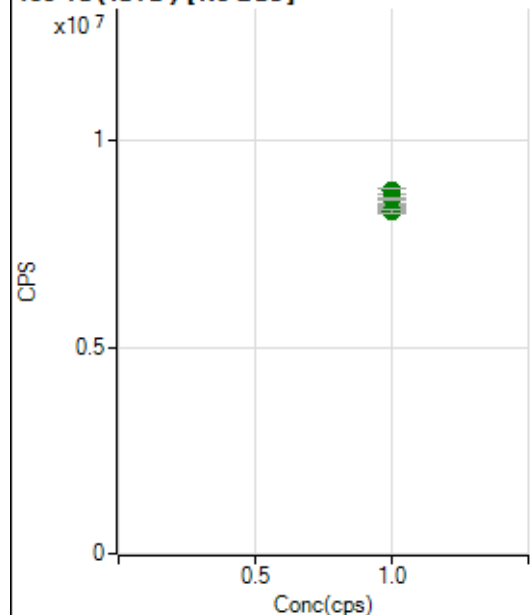
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3226437.90		A	0.8
2	☐	1.000		3221793.84		A	1.4
3	☐	1.000		3134589.02		A	0.5
4	☐	1.000		3114297.38		A	1.0
5	☐	1.000		3077821.55		A	2.0
6	☐	1.000		3018137.04		A	1.5
7	☐	1.000		3052944.29		A	1.3
8	☐	1.000		2842904.79		A	0.5

115 In (ISTD) [No Gas]

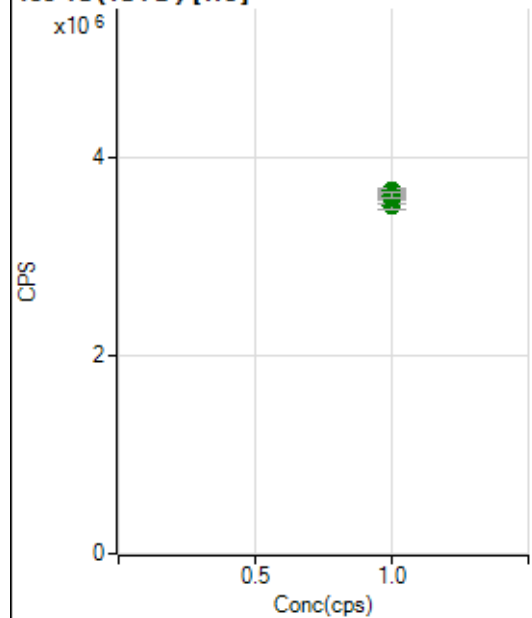
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7149191.11		A	0.1
2	☐	1.000		7043123.87		A	2.0
3	☐	1.000		7048928.01		A	2.9
4	☐	1.000		7172528.29		A	1.5
5	☐	1.000		7036285.87		A	1.8
6	☐	1.000		6960212.74		A	2.4
7	☐	1.000		6923843.95		A	0.6
8	☐	1.000		6620957.37		A	0.9

115 In (ISTD) [He]

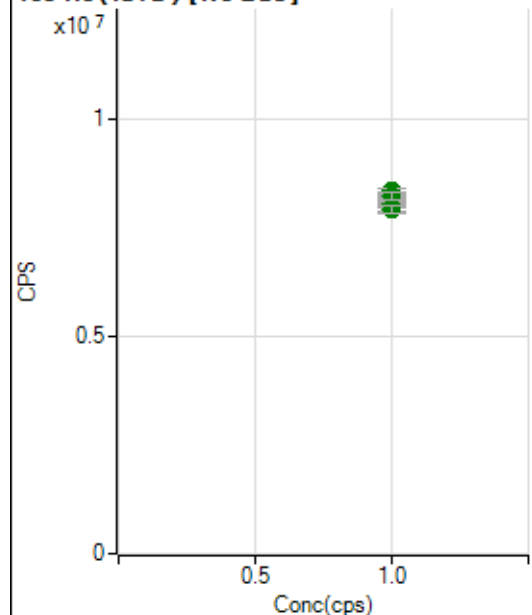
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1127659.87		P	0.5
2	☐	1.000		1139105.87		P	0.5
3	☐	1.000		1109589.70		P	1.3
4	☐	1.000		1110523.27		P	0.5
5	☐	1.000		1105183.44		P	0.4
6	☐	1.000		1088142.64		P	1.3
7	☐	1.000		1083754.69		P	1.1
8	☐	1.000		1085758.72		P	0.3

159 Tb (ISTD) [No Gas]

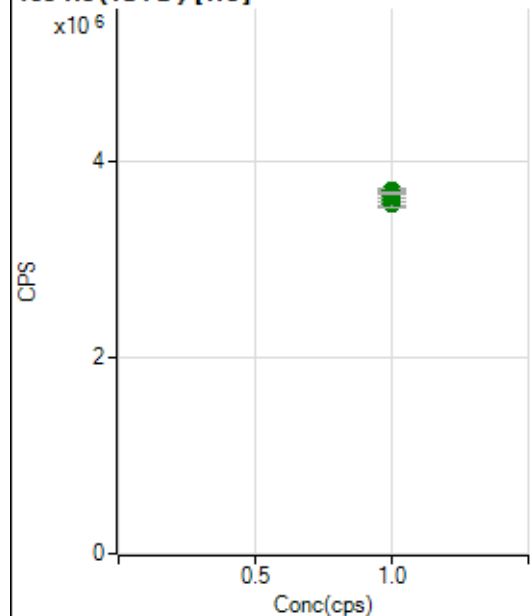
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8323739.11		A	1.6
2	☐	1.000		8385353.07		A	0.1
3	☐	1.000		8342765.99		A	1.0
4	☐	1.000		8411004.53		A	0.8
5	☐	1.000		8473718.69		A	0.6
6	☐	1.000		8787392.23		A	1.3
7	☐	1.000		8607802.37		A	0.5
8	☐	1.000		8268416.89		A	1.1

159 Tb (ISTD) [He]

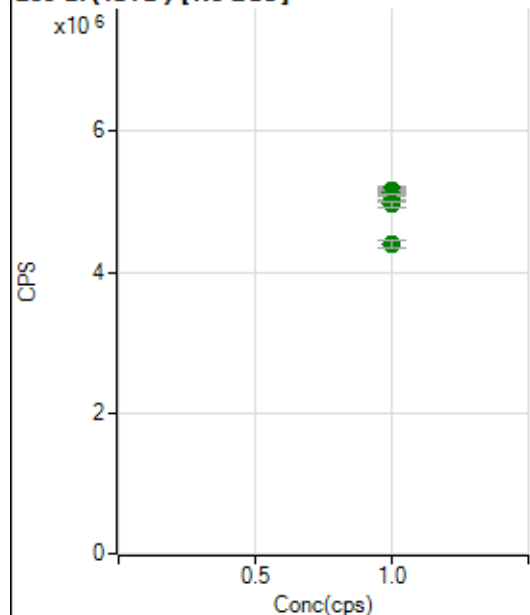
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3523104.04		A	2.5
2	☐	1.000		3643137.03		A	1.4
3	☐	1.000		3593531.34		A	3.3
4	☐	1.000		3595897.58		A	0.2
5	☐	1.000		3617960.08		A	2.2
6	☐	1.000		3627862.97		A	1.7
7	☐	1.000		3663624.04		A	1.3
8	☐	1.000		3620417.59		A	1.3

165 Ho (ISTD) [No Gas]

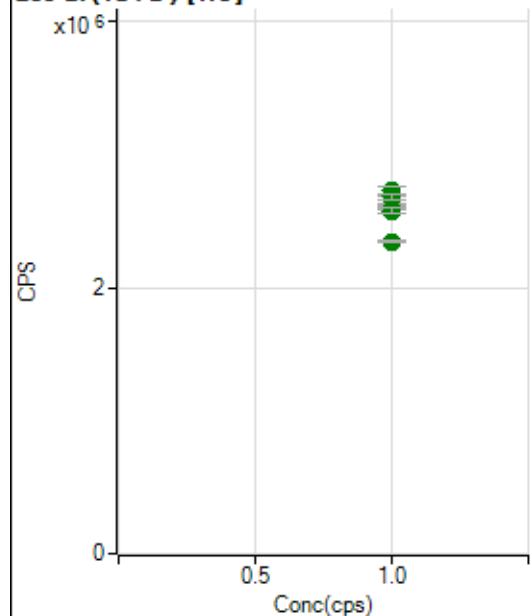
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7949816.32		A	2.4
2	☐	1.000		8062997.84		A	2.4
3	☐	1.000		8088049.31		A	2.4
4	☐	1.000		8140522.32		A	1.6
5	☐	1.000		8252353.22		A	0.1
6	☐	1.000		8339108.26		A	1.1
7	☐	1.000		8208218.76		A	2.0
8	☐	1.000		7909040.54		A	2.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3581170.85		A	2.1
2	☐	1.000		3639270.12		A	3.2
3	☐	1.000		3598854.25		A	4.5
4	☐	1.000		3575832.48		A	2.9
5	☐	1.000		3697098.59		A	1.0
6	☐	1.000		3660961.96		A	1.5
7	☐	1.000		3643050.71		A	1.5
8	☐	1.000		3669157.27		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5012625.79		A	3.7
2	☐	1.000		5085299.13		A	2.2
3	☐	1.000		5139998.05		A	2.6
4	☐	1.000		5152877.87		A	1.6
5	☐	1.000		5144063.36		A	1.0
6	☐	1.000		5092778.22		A	1.0
7	☐	1.000		4961555.72		A	1.9
8	☐	1.000		4396918.44		A	2.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2699527.04		A	0.6
2	☐	1.000		2727221.56		A	2.3
3	☐	1.000		2625536.33		A	0.9
4	☐	1.000		2583486.12		A	2.0
5	☐	1.000		2681743.42		A	1.4
6	☐	1.000		2592822.81		A	0.8
7	☐	1.000		2580171.80		A	1.1
8	☐	1.000		2345951.22		A	0.5