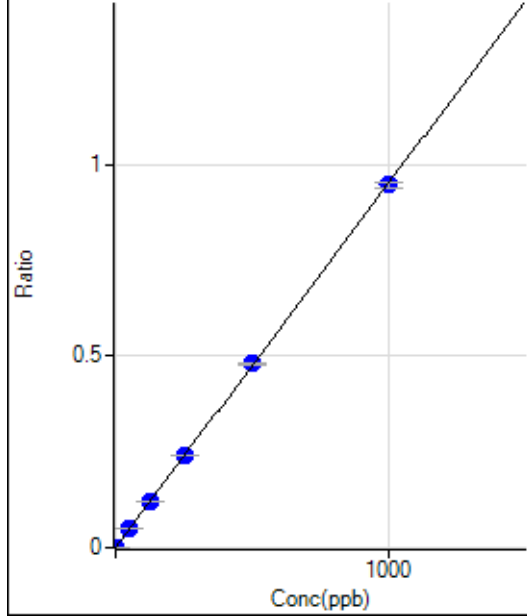


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7040825-MS.b\
Analysis File: P7040825-MS.batch.bin
DA Date-Time: 2025-04-09 09:07:36
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-04-08 15:44:31
2	006CALS.d	S02	2025-04-08 15:51:09
3	007CALS.d	S03	2025-04-08 15:54:26
4	011CALS.d	S04	2025-04-08 16:06:35
5	012CALS.d	S05	2025-04-08 16:09:39
6	013CALS.d	S06	2025-04-08 16:12:33
7	014CALS.d	S07	2025-04-08 16:15:26
8	015CALS.d	S08	2025-04-08 16:18:12

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.44	0.0000	P	47.1
2	☐	1.000	1.083	792.25	0.0011	P	9.1
3	☐	50.000	52.090	38605.73	0.0495	P	1.7
4	☐	125.000	127.280	92721.27	0.1210	P	1.0
5	☐	250.000	254.815	183995.88	0.2422	P	0.8
6	☐	500.000	505.000	368356.07	0.4800	P	0.5
7	☐	1000.000	995.907	731798.93	0.9467	P	1.8
8	☐			86.67	0.0001	P	23.0

$$y = 9.5052\text{E-}004 * x + 3.3640\text{E-}005$$

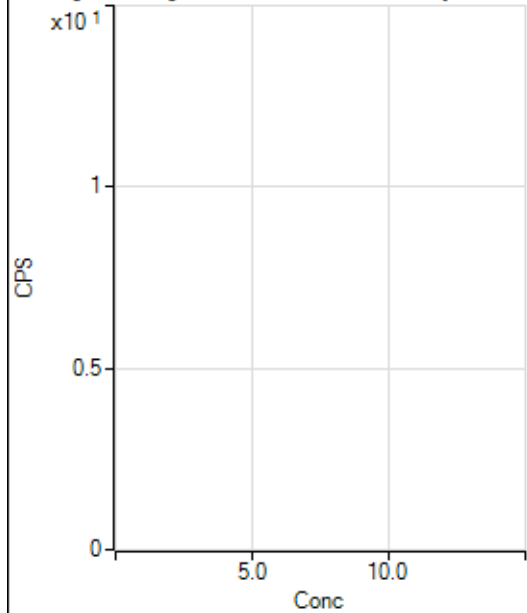
$$R = 1.0000$$

$$DL = 0.05004$$

$$BEC = 0.03539$$

Weight: <None>

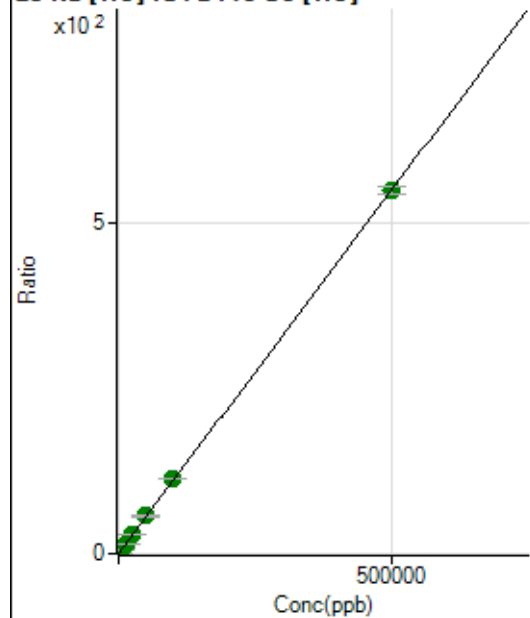
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15298.79	0.0529	P	1.3
2	☐	500.000	463.451	165367.61	0.5615	P	0.8
3	☐	5000.000	5166.410	1725391.02	5.7231	A	1.3
4	☐	12500.000	13002.890	3935571.89	14.3238	A	1.6
5	☐	25000.000	26038.147	7750126.48	28.6303	A	0.0
6	☐	50000.000	51568.837	15681099.35	56.6509	A	1.8
7	☐	100000.00	102464.74	32030915.08	112.5104	A	1.1
8	☐	500000.00	499284.06	167872817.5	548.0291	A	2.2

$$y = 0.0011 * x + 0.0529$$

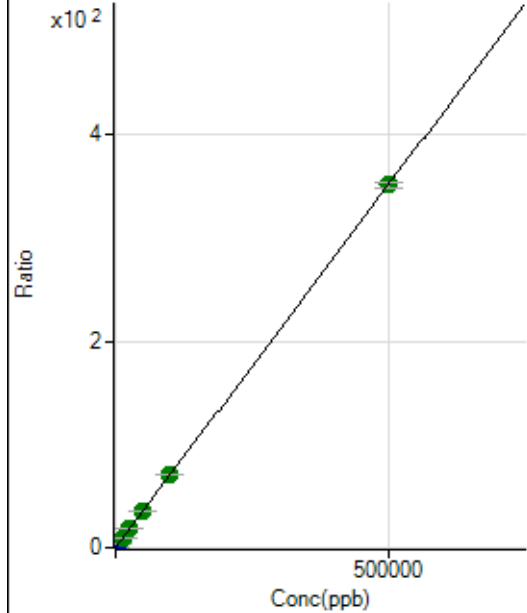
$$R = 1.0000$$

$$DL = 1.829$$

$$BEC = 48.16$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0005	P	18.4
2	☐	500.000	466.097	96771.94	0.3286	P	0.8
3	☐	5000.000	4928.455	1045885.50	3.4692	P	0.6
4	☐	12500.000	12847.693	2484593.71	9.0428	A	1.2
5	☐	25000.000	25693.038	4895000.34	18.0835	A	0.9
6	☐	50000.000	50907.305	9918131.10	35.8294	A	1.2
7	☐	100000.00	100906.33	20218350.11	71.0191	A	1.1
8	☐	500000.00	499685.40	107733781.7	351.6824	A	1.3

$$y = 7.0381\text{E-}004 * x + 5.4541\text{E-}004$$

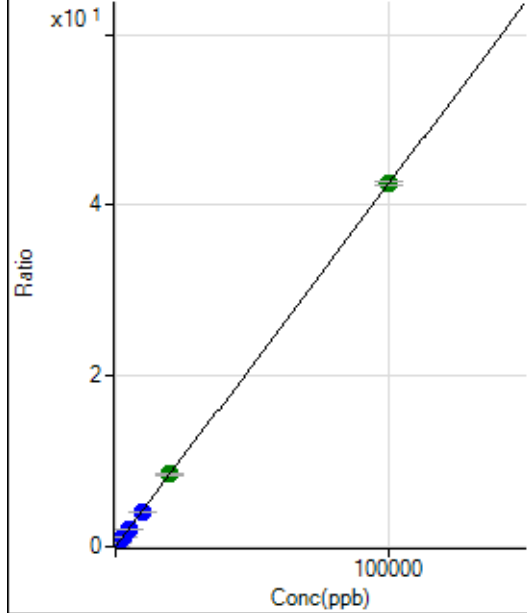
$$R = 1.0000$$

$$DL = 0.4281$$

$$BEC = 0.7749$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0003	P	12.3
2	☐	20.000	19.057	2486.90	0.0084	P	1.0
3	☐	1000.000	988.999	126801.95	0.4206	P	0.7
4	☐	2500.000	2470.671	288564.25	1.0502	P	0.9
5	☐	5000.000	4946.516	569079.50	2.1023	P	0.2
6	☐	10000.000	9731.155	1144770.45	4.1355	P	1.0
7	☐	20000.000	19976.402	2416741.03	8.4890	A	1.4
8	☐	100000.00	100035.12	13022838.83	42.5088	A	0.9

$$y = 4.2493\text{E-}004 * x + 3.4553\text{E-}004$$

$$R = 1.0000$$

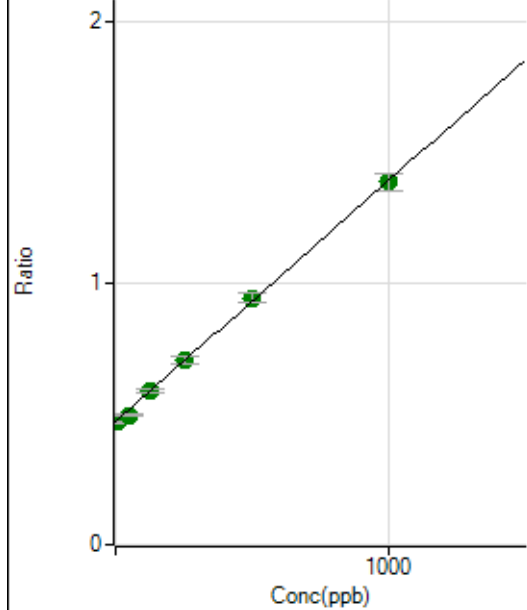
$$DL = 0.2994$$

$$BEC = 0.8131$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1463191.00	0.4707	A	1.7
2	☐	10.000	-2.539	1465351.99	0.4684	A	1.5
3	☐	50.000	25.228	1619219.04	0.4940	A	1.2
4	☐	125.000	125.511	1751313.72	0.5864	A	1.9
5	☐	250.000	255.505	2097919.07	0.7062	A	4.2
6	☐	500.000	513.451	2842711.21	0.9438	A	3.8
7	☐	1000.000	993.199	4280131.88	1.3858	A	4.6
8	☐			1384659.87	0.4221	A	0.4

$$y = 9.2137E-004 * x + 0.4707$$

R = 0.9995

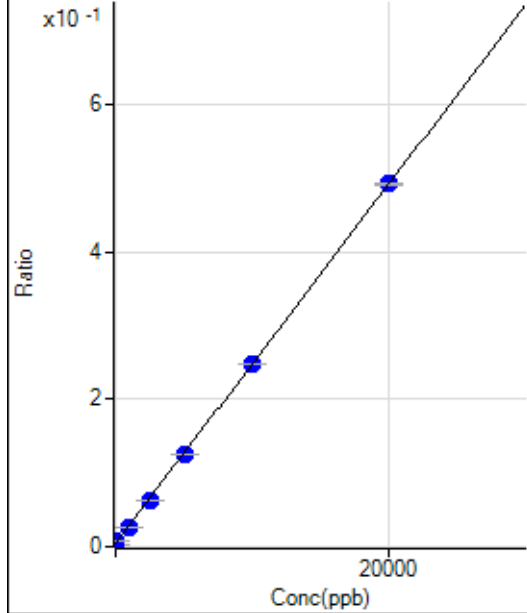
DL = 26.42

BEC = 510.9

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-116.849	454.46	0.0016	P	10.0
2	☐	0.000	116.849	2140.17	0.0073	P	6.2
3	☐	1000.000	922.781	8112.23	0.0269	P	2.5
4	☐	2500.000	2417.903	17406.64	0.0634	P	1.9
5	☐	5000.000	4957.778	33905.40	0.1253	P	1.6
6	☐	10000.000	9981.052	68569.62	0.2477	P	0.5
7	☐	20000.000	20034.153	140279.59	0.4927	P	0.6
8	☐			418.90	0.0014	P	4.0

$$y = 2.4374E-005 * x + 0.0044$$

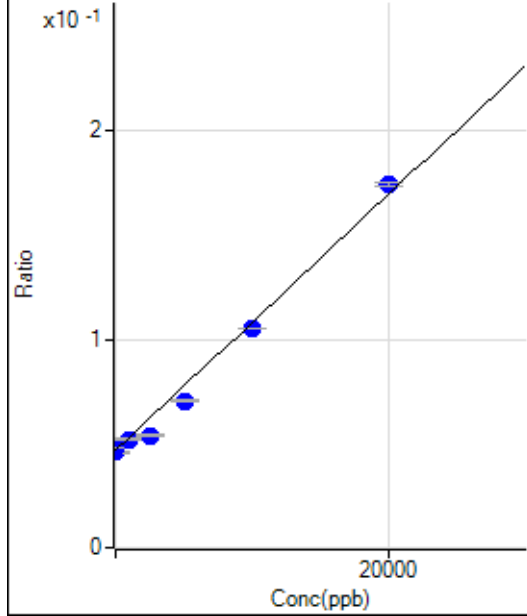
R = 0.9999

DL = 37.59

BEC = 181.3

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	-149.137	142642.68	0.0459	P	1.7
2	☐	0.000	149.137	149305.27	0.0477	P	0.7
3	☐	1000.000	833.857	170238.62	0.0519	P	1.7
4	☐	2500.000	1169.560	161255.45	0.0540	P	1.2
5	☐	5000.000	3874.021	209870.19	0.0706	P	0.4
6	☐	10000.000	9485.288	316648.61	0.1052	P	0.4
7	☐	20000.000	20713.463	538029.03	0.1742	P	1.1
8	☐			128550.12	0.0392	P	5.2

$$y = 6.1513E-006 * x + 0.0468$$

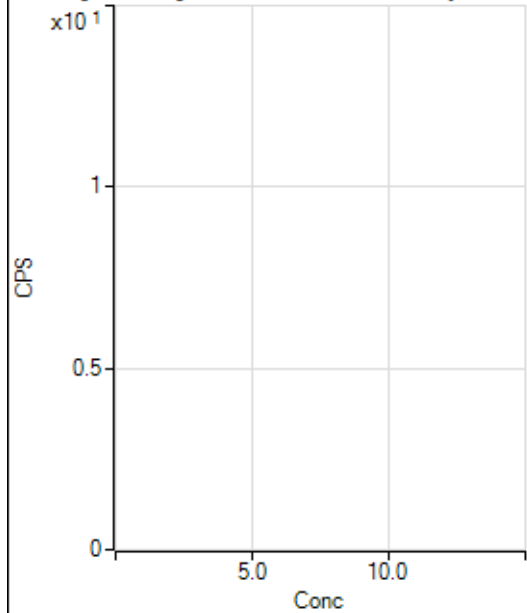
R = 0.9964

DL = 270.5

BEC = 7610

Weight: <None>

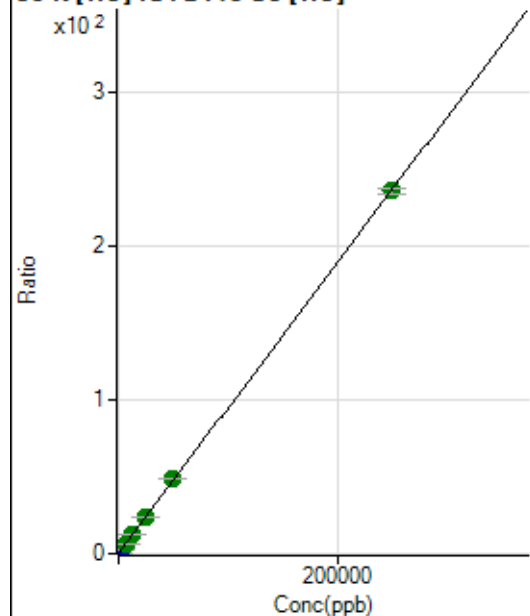
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50943.82	0.1760	P	1.6
2	☐	500.000	474.330	183637.67	0.6235	P	0.4
3	☐	2500.000	2609.496	795277.26	2.6380	P	0.9
4	☐	6250.000	6440.018	1717810.34	6.2520	A	1.8
5	☐	12500.000	12732.687	3299436.06	12.1889	A	0.7
6	☐	25000.000	25171.747	6623306.29	23.9248	A	1.0
7	☐	50000.000	51086.859	13772347.57	48.3750	A	0.6
8	☐	250000.00	249748.02	72236688.92	235.8063	A	1.3

$$y = 9.4347\text{E-}004 * x + 0.1760$$

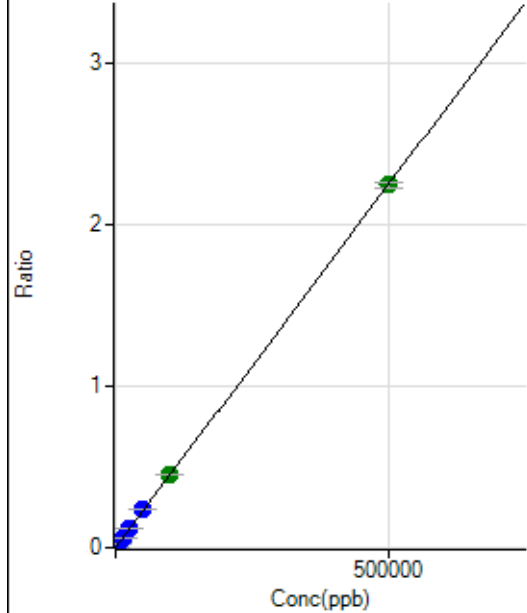
$$R = 1.0000$$

$$DL = 9.09$$

$$BEC = 186.6$$

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	382.23	0.0001	P	10.1
2	☐	500.000	494.826	7346.28	0.0023	P	1.4
3	☐	5000.000	5275.087	78164.38	0.0238	P	1.0
4	☐	12500.000	13376.491	180009.64	0.0603	P	0.6
5	☐	25000.000	26659.299	356551.95	0.1200	P	0.6
6	☐	50000.000	52494.636	711261.99	0.2362	P	0.8
7	☐	100000.00	101234.64	1406403.68	0.4554	A	1.1
8	☐	500000.00	499395.98	7366659.68	2.2459	A	1.8

$$y = 4.4971\text{E-}006 * x + 1.2307\text{E-}004$$

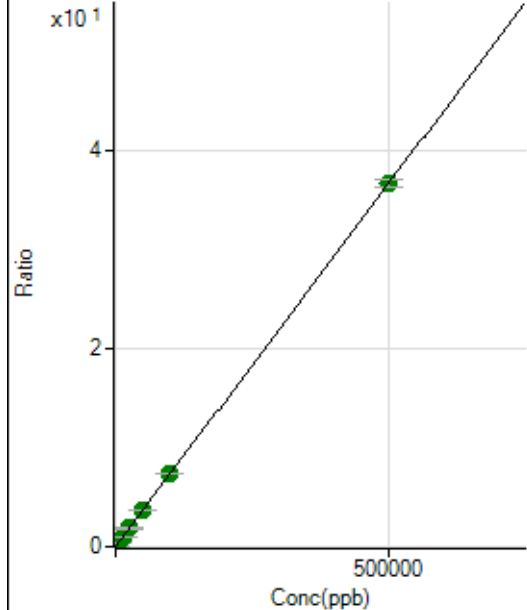
$$R = 1.0000$$

$$DL = 8.293$$

$$BEC = 27.37$$

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	6632.67	0.0021	P	1.2
2	☐	500.000	490.748	119224.07	0.0381	P	1.2
3	☐	5000.000	4969.858	1201350.87	0.3665	A	0.6
4	☐	12500.000	12826.904	2814445.79	0.9425	A	0.1
5	☐	25000.000	25223.567	5500223.39	1.8513	A	1.6
6	☐	50000.000	50778.558	11216876.50	3.7248	A	1.7
7	☐	100000.00	100765.96	22820334.94	7.3894	A	1.4
8	☐	500000.00	499749.91	120171958.2	36.6393	A	2.0

$$y = 7.3311\text{E-}005 * x + 0.0021$$

$$R = 1.0000$$

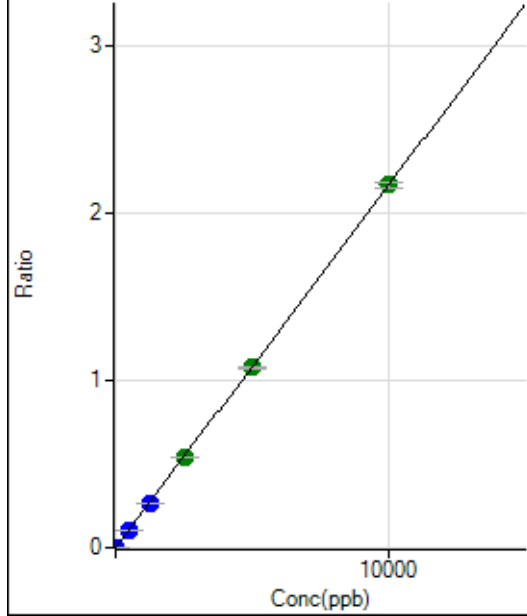
$$DL = 1.053$$

$$BEC = 29.11$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.34	0.0000	P	7.7
2	☐	5.000	4.567	3161.47	0.0010	P	3.1
3	☐	500.000	489.772	348213.59	0.1062	P	0.4
4	☐	1250.000	1244.180	805697.08	0.2698	P	0.4
5	☐	2500.000	2496.854	1608558.71	0.5414	A	0.2
6	☐	5000.000	4973.289	3247447.28	1.0784	A	0.8
7	☐	10000.000	10015.381	6706432.19	2.1717	A	1.3
8	☐			354.45	0.0001	P	13.3

$$y = 2.1683\text{E-}004 * x + 2.0359\text{E-}005$$

$$R = 1.0000$$

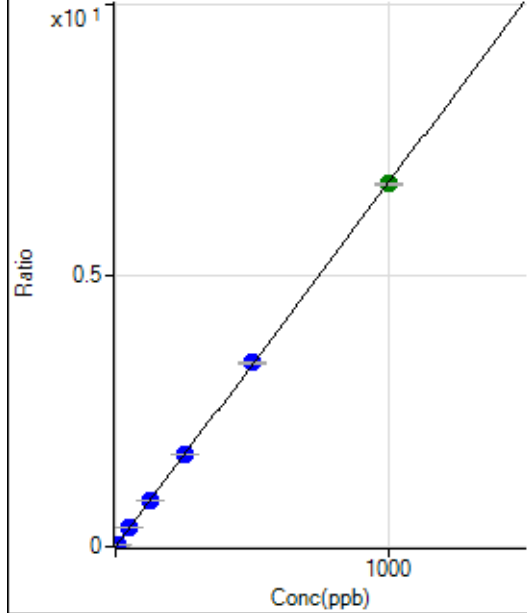
$$DL = 0.02179$$

$$BEC = 0.09389$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	21.4
2	☐	5.000	4.700	9298.49	0.0316	P	3.4
3	☐	50.000	50.558	102264.83	0.3392	P	0.7
4	☐	125.000	126.905	233937.74	0.8514	P	1.1
5	☐	250.000	252.176	457970.52	1.6918	P	0.4
6	☐	500.000	505.214	938196.19	3.3894	P	1.0
7	☐	1000.000	996.585	1903436.71	6.6859	A	0.4
8	☐			540.01	0.0018	P	7.9

$$y = 0.0067 * x + 3.0702\text{E-}005$$

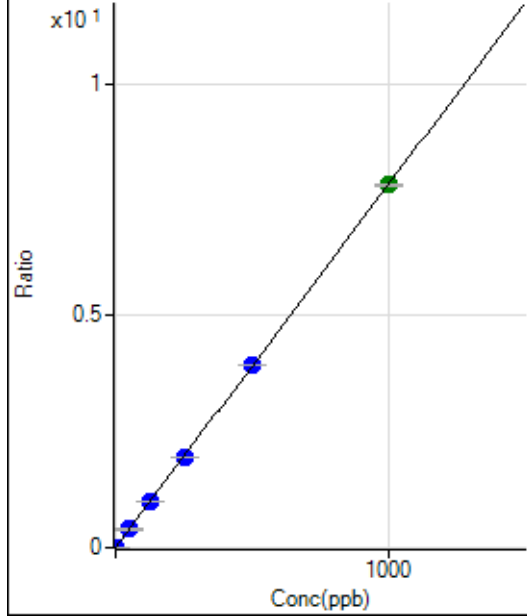
$$R = 1.0000$$

$$DL = 0.002941$$

$$BEC = 0.004576$$

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	1135.61	0.0039	P	1.3
2	☐	2.000	1.984	5733.37	0.0195	P	2.7
3	☐	50.000	50.078	119436.22	0.3962	P	1.3
4	☐	125.000	126.775	273918.14	0.9969	P	0.5
5	☐	250.000	250.287	531744.65	1.9644	P	0.5
6	☐	500.000	502.227	1090019.50	3.9378	P	0.7
7	☐	1000.000	998.589	2227948.52	7.8257	A	0.2
8	☐			20384.99	0.0665	P	0.1

$$y = 0.0078 * x + 0.0039$$

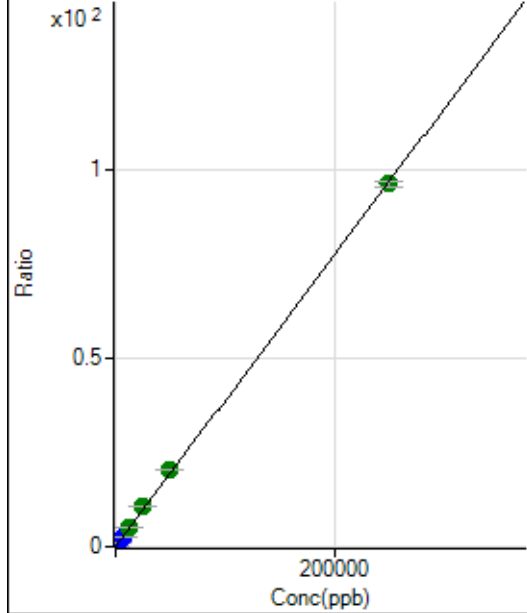
$$R = 1.0000$$

$$DL = 0.01934$$

$$BEC = 0.5009$$

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	3217.04	0.0111	P	4.6
2	☐	50.000	52.335	9214.01	0.0313	P	3.9
3	☐	2500.000	2737.613	321538.93	1.0666	P	0.7
4	☐	6250.000	6953.273	739613.24	2.6918	P	0.6
5	☐	12500.000	13400.129	1401520.05	5.1773	A	1.2
6	☐	25000.000	27217.540	2907828.01	10.5044	A	0.2
7	☐	50000.000	53234.962	5846198.66	20.5351	A	0.7
8	☐	250000.00	249066.28	29421018.17	96.0350	A	1.5

$$y = 3.8554E-004 * x + 0.0111$$

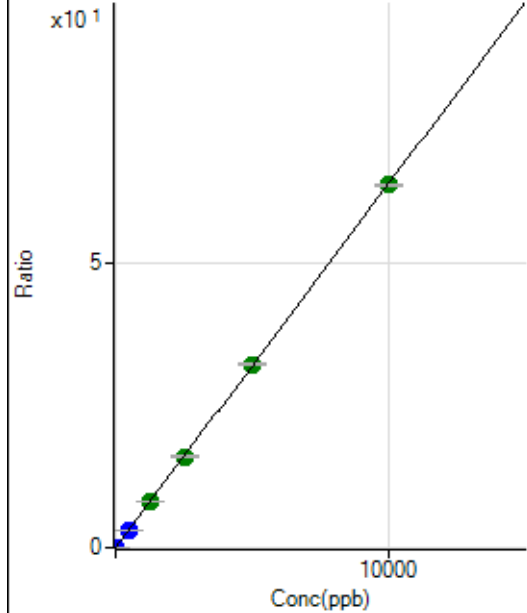
$$R = 0.9999$$

$$DL = 3.945$$

$$BEC = 28.83$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	454.46	0.0016	P	4.7
2	☐	1.000	1.034	2414.66	0.0082	P	2.3
3	☐	500.000	494.711	956736.50	3.1735	P	0.4
4	☐	1250.000	1269.580	2237024.92	8.1416	A	1.3
5	☐	2500.000	2505.443	4348866.67	16.0655	A	0.5
6	☐	5000.000	5046.511	8956699.73	32.3578	A	1.1
7	☐	10000.000	9973.200	18205135.70	63.9459	A	0.4
8	☐			12679.87	0.0414	P	2.1

$$y = 0.0064 * x + 0.0016$$

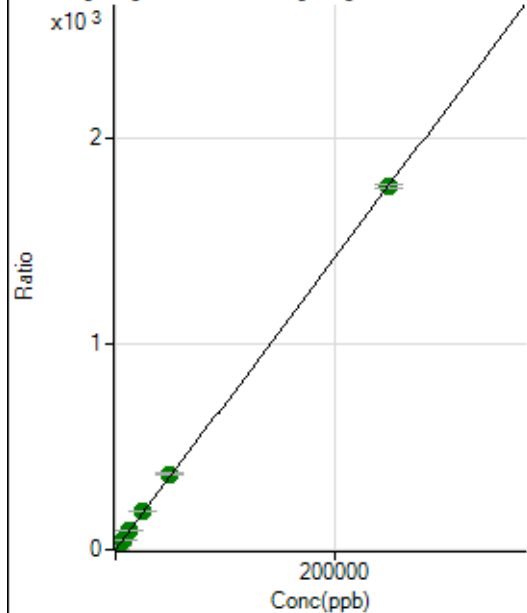
$$R = 1.0000$$

$$DL = 0.0345$$

$$BEC = 0.2448$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27055.54	0.0935	P	0.7
2	☐	50.000	51.769	135390.70	0.4597	P	1.1
3	☐	2500.000	2631.346	5640555.61	18.7101	A	1.2
4	☐	6250.000	6653.071	12958906.47	47.1636	A	0.9
5	☐	12500.000	13130.253	25171896.29	92.9894	A	0.3
6	☐	25000.000	26532.769	51988754.78	187.8116	A	0.5
7	☐	50000.000	52176.811	105120948.4	369.2420	A	0.2
8	☐	250000.00	249368.45	540507236.3	1,764.364	A	0.9

$$y = 0.0071 * x + 0.0935$$

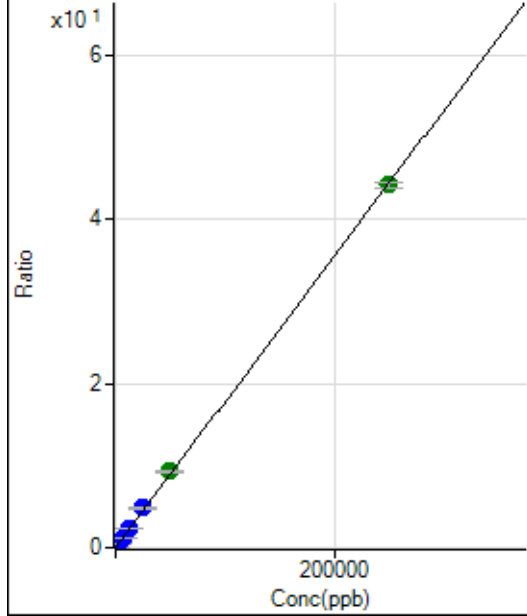
$$R = 0.9999$$

$$DL = 0.2949$$

$$BEC = 13.21$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1460.09	0.0050	P	3.4
2	☐	50.000	53.826	4299.54	0.0146	P	3.1
3	☐	2500.000	2683.514	145154.97	0.4815	P	0.9
4	☐	6250.000	6879.020	336962.94	1.2264	P	0.1
5	☐	12500.000	13559.270	653030.20	2.4124	P	0.3
6	☐	25000.000	27104.457	1333389.01	4.8173	P	1.5
7	☐	50000.000	52262.221	2643024.39	9.2839	A	1.1
8	☐	250000.00	249266.58	13558526.74	44.2611	A	1.7

$$y = 1.7755\text{E-}004 * x + 0.0050$$

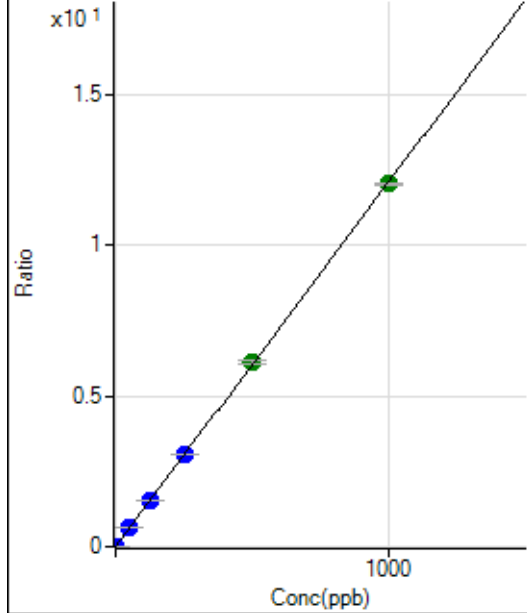
$$R = 0.9999$$

$$DL = 2.884$$

$$BEC = 28.41$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0002	P	2.8
2	☐	1.000	0.966	3499.33	0.0119	P	4.2
3	☐	50.000	50.506	183917.33	0.6101	P	1.0
4	☐	125.000	127.327	422482.76	1.5376	P	0.9
5	☐	250.000	253.711	829306.80	3.0637	P	0.7
6	☐	500.000	506.273	1692015.02	6.1132	A	2.1
7	☐	1000.000	995.620	3422507.90	12.0219	A	0.8
8	☐			9588.70	0.0313	P	1.4

$$y = 0.0121 * x + 2.1494\text{E-}004$$

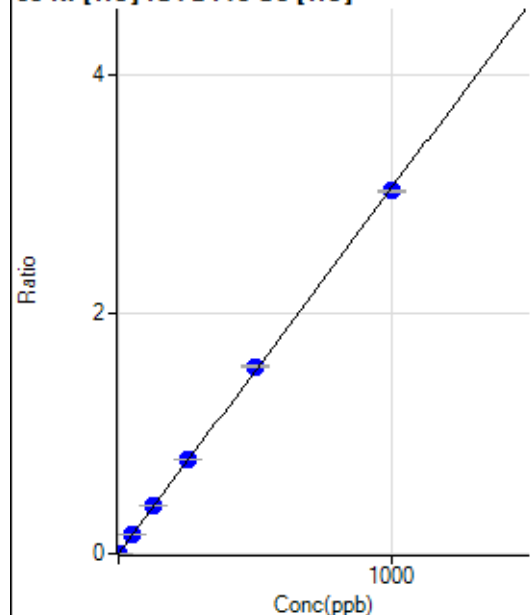
$$R = 1.0000$$

$$DL = 0.001488$$

$$BEC = 0.0178$$

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	250.01	0.0009	P	5.4
2	☐	1.000	0.878	1043.38	0.0035	P	5.3
3	☐	50.000	51.551	47662.12	0.1581	P	1.5
4	☐	125.000	129.250	108560.69	0.3951	P	0.7
5	☐	250.000	256.390	211923.05	0.7829	P	1.0
6	☐	500.000	510.513	431273.56	1.5580	P	0.9
7	☐	1000.000	992.538	862145.69	3.0283	P	0.5
8	☐			3730.50	0.0122	P	5.2

$$y = 0.0031 * x + 8.6357E-004$$

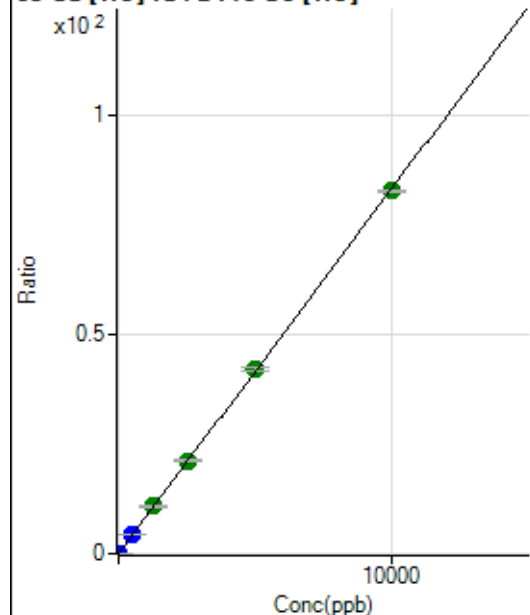
$$R = 0.9999$$

$$DL = 0.04611$$

$$BEC = 0.2831$$

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	1311.84	0.0045	P	3.6
2	☐	2.000	1.883	5944.16	0.0202	P	1.4
3	☐	500.000	503.169	1262073.88	4.1863	P	0.8
4	☐	1250.000	1292.799	2953403.47	10.7488	A	1.2
5	☐	2500.000	2548.846	5735302.09	21.1876	A	0.7
6	☐	5000.000	5067.734	11657864.29	42.1217	A	2.8
7	☐	10000.000	9948.413	23539330.97	82.6842	A	0.9
8	☐			7357.56	0.0240	P	1.7

$$y = 0.0083 * x + 0.0045$$

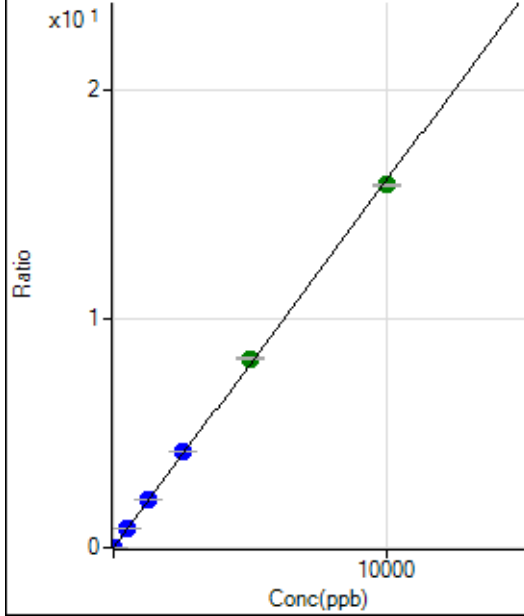
$$R = 0.9999$$

$$DL = 0.059$$

$$BEC = 0.5454$$

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	208.89	0.0007	P	14.6
2	☐	5.000	5.037	2589.14	0.0088	P	7.6
3	☐	500.000	518.960	251022.32	0.8326	P	0.5
4	☐	1250.000	1330.196	586086.99	2.1331	P	0.5
5	☐	2500.000	2633.779	1143065.97	4.2228	P	0.7
6	☐	5000.000	5156.362	2288068.00	8.2666	A	1.9
7	☐	10000.000	9877.402	4508009.86	15.8346	A	0.3
8	☐			9315.20	0.0304	P	0.7

$$y = 0.0016 * x + 7.2126E-004$$

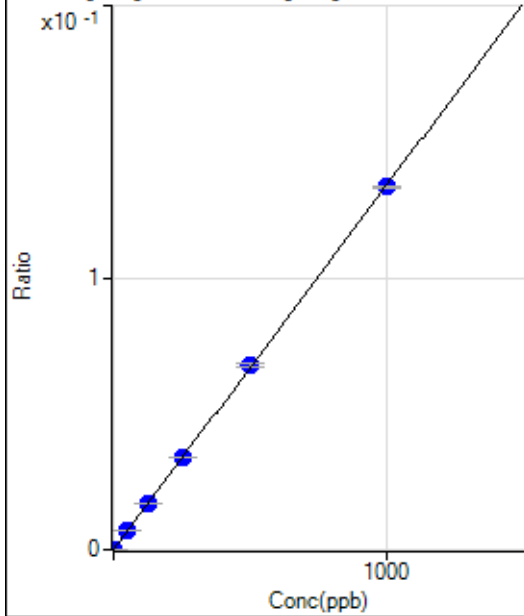
$$R = 0.9997$$

$$DL = 0.1972$$

$$BEC = 0.4499$$

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	4.44	0.0000	P	43.3
2	☐	1.000	0.986	321.12	0.0001	P	1.4
3	☐	50.000	51.898	17005.38	0.0070	P	1.6
4	☐	125.000	127.722	39400.10	0.0171	P	0.6
5	☐	250.000	253.093	76960.57	0.0339	P	1.5
6	☐	500.000	505.537	157397.10	0.0677	P	2.5
7	☐	1000.000	996.023	319154.07	0.1335	P	0.4
8	☐			194.45	0.0001	P	2.4

$$y = 1.3400E-004 * x + 1.9051E-006$$

$$R = 1.0000$$

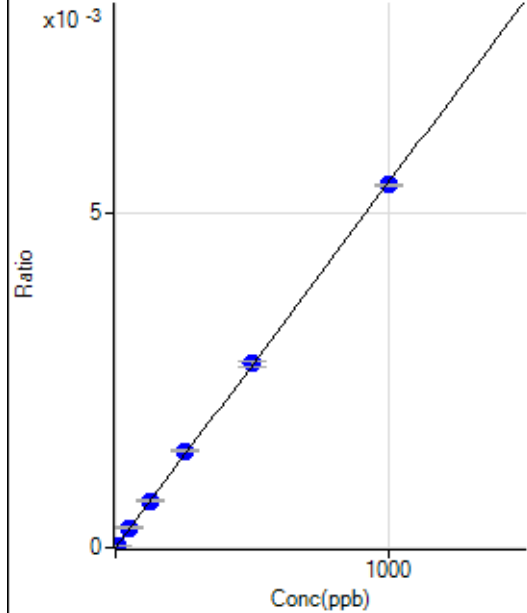
$$DL = 0.01845$$

$$BEC = 0.01422$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.614	73.33	0.0000	P	14.9
3	☐	50.000	54.768	728.91	0.0003	P	6.0
4	☐	125.000	128.842	1614.55	0.0007	P	3.7
5	☐	250.000	265.785	3283.74	0.0014	P	3.2
6	☐	500.000	503.167	6364.75	0.0027	P	4.0
7	☐	1000.000	993.749	12937.98	0.0054	P	0.6
8	☐			5.56	0.0000	P	35.2

$$y = 5.4445\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

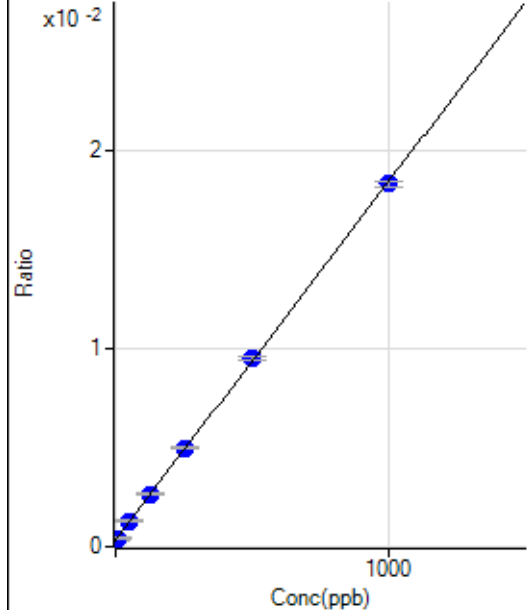
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	791.14	0.0003	P	3.4
2	☐	5.000	5.067	1032.27	0.0004	P	3.7
3	☐	50.000	52.248	3142.59	0.0013	P	6.3
4	☐	125.000	128.275	6125.77	0.0027	P	3.3
5	☐	250.000	257.489	11346.65	0.0050	P	0.6
6	☐	500.000	507.133	22118.83	0.0095	P	1.1
7	☐	1000.000	994.039	43836.96	0.0183	P	1.7
8	☐			743.36	0.0003	P	10.0

$$y = 1.8101\text{E-}005 * x + 3.3926\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.895$$

$$BEC = 18.74$$

Weight: <None>

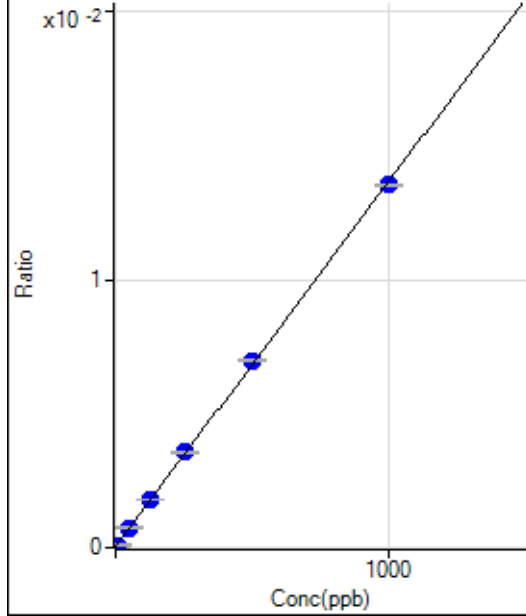
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28244.92		P	1.2
2	☐			28336.19		P	1.1
3	☐			29219.04		P	1.3
4	☐			26053.09		P	1.0
5	☐			25384.17		P	1.5
6	☐			26166.64		P	2.2
7	☐			27042.64		P	2.5
8	☐			28588.91		P	1.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			313.34		P	7.7
2	☐			223.34		P	12.8
3	☐			210.00		P	3.2
4	☐			177.78		P	3.9
5	☐			203.34		P	12.8
6	☐			192.23		P	9.6
7	☐			225.56		P	9.8
8	☐			198.89		P	13.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	253.71	0.0000	P	16.3
2	☐	5.000	5.413	830.00	0.0001	P	4.4
3	☐	50.000	52.466	6066.66	0.0007	P	2.8
4	☐	125.000	130.592	13653.00	0.0018	P	1.5
5	☐	250.000	258.738	26657.13	0.0036	P	0.6
6	☐	500.000	510.160	52719.30	0.0070	P	1.2
7	☐	1000.000	991.911	105817.27	0.0135	P	0.8
8	☐			451.50	0.0001	P	21.0

$$y = 1.3612E-005 * x + 3.3301E-005$$

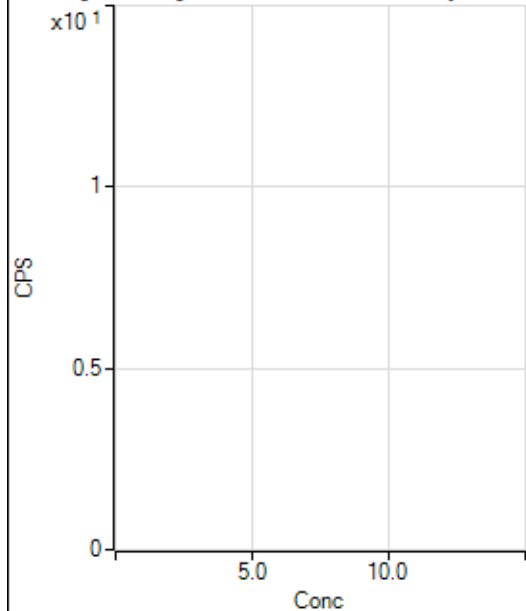
$$R = 0.9999$$

$$DL = 1.195$$

$$BEC = 2.446$$

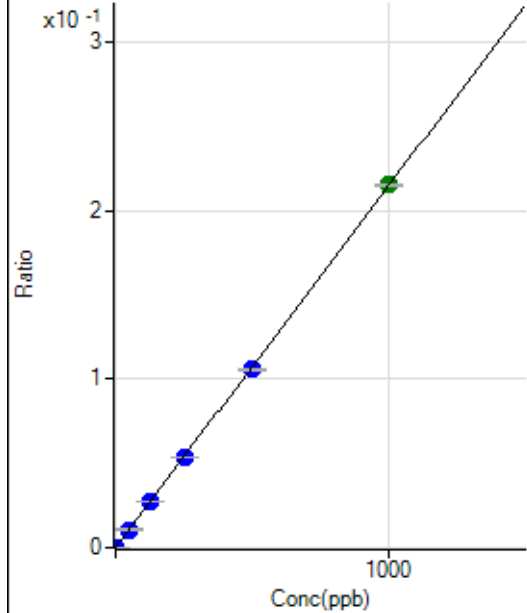
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			361.12		P	15.5
2	☐			340.01		P	3.9
3	☐			324.45		P	11.8
4	☐			365.57		P	13.3
5	☐			334.45		P	5.5
6	☐			356.67		P	4.3
7	☐			322.23		P	16.1
8	☐			407.79		P	18.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	603.35	0.0001	P	7.2
2	☐	1.000	0.966	2221.30	0.0003	P	1.3
3	☐	50.000	50.011	87620.82	0.0108	P	0.7
4	☐	125.000	125.966	204104.99	0.0271	P	1.1
5	☐	250.000	249.193	400959.58	0.0535	P	1.5
6	☐	500.000	493.715	799956.93	0.1059	P	0.9
7	☐	1000.000	1003.223	1681330.29	0.2150	A	0.8
8	☐			6378.10	0.0008	P	3.1

$$y = 2.1428\text{E-}004 * x + 7.9243\text{E-}005$$

$$R = 1.0000$$

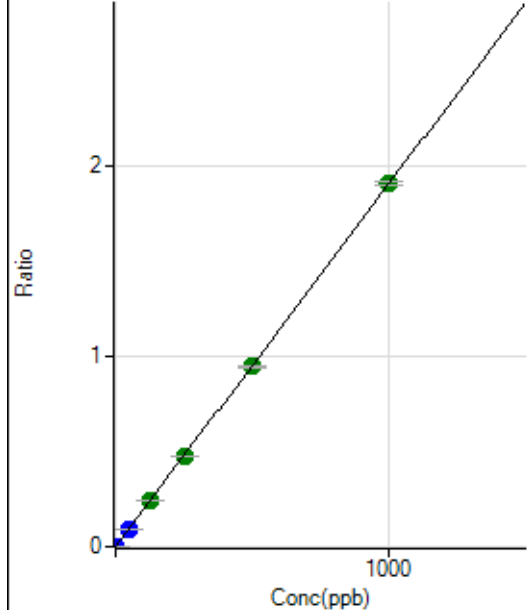
$$DL = 0.08007$$

$$BEC = 0.3698$$

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	108.89	0.0000	P	31.2
2	☐	1.000	0.955	14174.68	0.0018	P	2.1
3	☐	50.000	49.431	761949.33	0.0939	P	0.6
4	☐	125.000	126.267	1807649.90	0.2398	A	2.3
5	☐	250.000	249.304	3549662.66	0.4734	A	1.3
6	☐	500.000	497.458	7137751.21	0.9446	A	1.0
7	☐	1000.000	1001.315	14865451.17	1.9014	A	1.1
8	☐			50845.33	0.0063	P	0.9

$$y = 0.0019 * x + 1.4312\text{E-}005$$

$$R = 1.0000$$

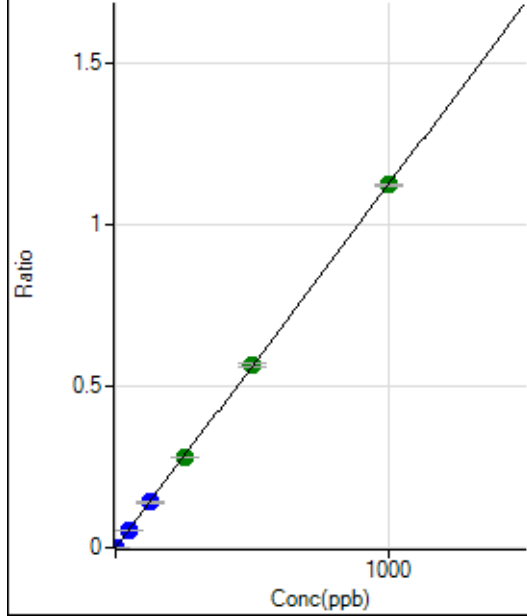
$$DL = 0.007046$$

$$BEC = 0.007537$$

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	353.34	0.0000	P	4.3
2	☐	1.000	0.999	9058.43	0.0012	P	0.6
3	☐	50.000	49.197	448671.14	0.0553	P	0.8
4	☐	125.000	124.453	1053751.28	0.1398	P	1.5
5	☐	250.000	249.251	2098658.30	0.2799	A	0.5
6	☐	500.000	502.401	4262468.41	0.5641	A	1.5
7	☐	1000.000	999.095	8771369.52	1.1218	A	0.8
8	☐			4426.28	0.0005	P	3.6

$$y = 0.0011 * x + 4.6427E-005$$

$$R = 1.0000$$

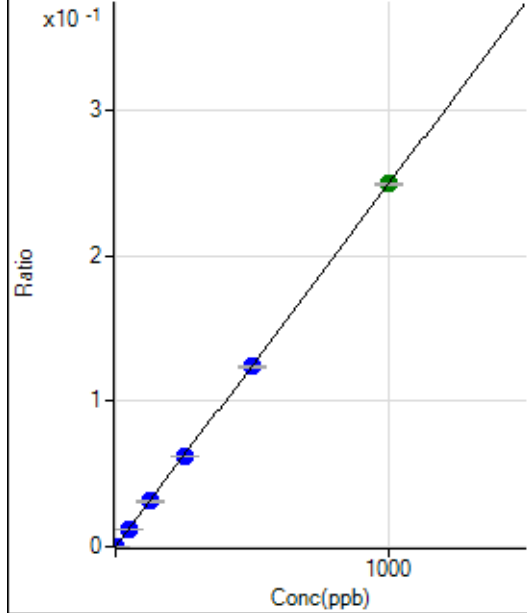
$$DL = 0.005366$$

$$BEC = 0.04135$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73.33	0.0000	P	11.8
2	☐	1.000	0.996	2001.27	0.0003	P	6.6
3	☐	50.000	48.905	99056.86	0.0122	P	0.9
4	☐	125.000	126.017	236972.73	0.0314	P	2.5
5	☐	250.000	249.856	467258.75	0.0623	P	0.7
6	☐	500.000	498.111	938633.47	0.1242	P	1.0
7	☐	1000.000	1000.908	1951539.80	0.2496	A	0.8
8	☐			957.82	0.0001	P	2.7

$$y = 2.4937E-004 * x + 9.6322E-006$$

$$R = 1.0000$$

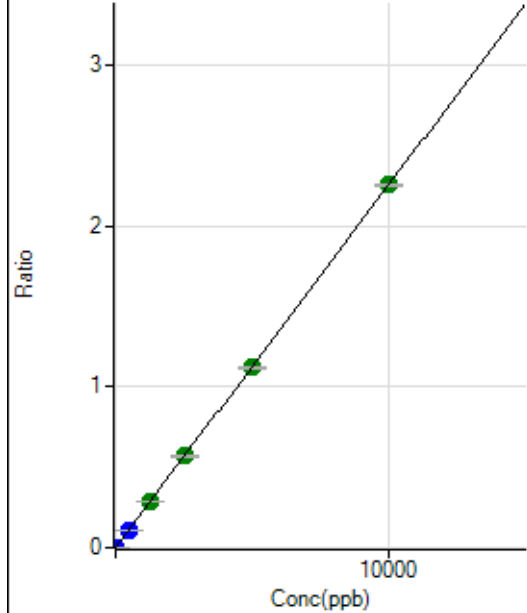
$$DL = 0.01365$$

$$BEC = 0.03863$$

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	151.11	0.0000	P	21.8
2	☐	5.000	5.610	9959.01	0.0013	P	0.9
3	☐	500.000	500.798	915874.06	0.1129	P	1.1
4	☐	1250.000	1266.552	2151574.22	0.2854	A	0.6
5	☐	2500.000	2522.223	4261075.39	0.5683	A	0.6
6	☐	5000.000	4970.582	8461991.47	1.1199	A	0.6
7	☐	10000.000	10007.044	17627569.04	2.2546	A	0.4
8	☐			4302.89	0.0005	P	2.8

$$y = 2.2530\text{E-}004 * x + 1.9852\text{E-}005$$

$$R = 1.0000$$

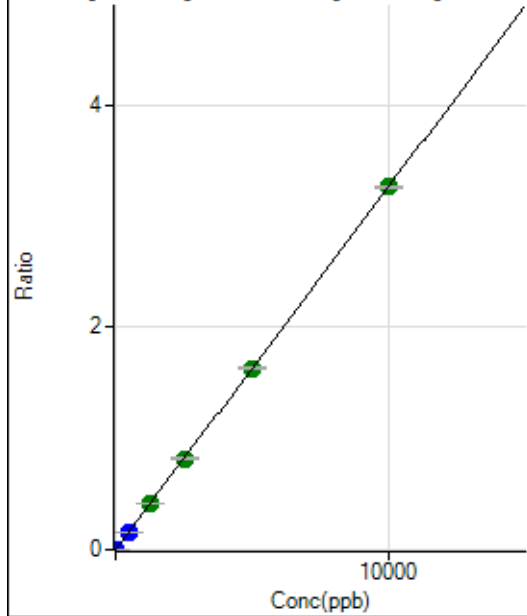
$$DL = 0.0576$$

$$BEC = 0.08811$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0000	P	24.1
2	☐	5.000	4.658	11824.85	0.0015	P	1.7
3	☐	500.000	496.518	1315985.06	0.1622	P	1.1
4	☐	1250.000	1279.716	3150633.22	0.4179	A	1.5
5	☐	2500.000	2511.448	6149801.16	0.8202	A	0.7
6	☐	5000.000	4990.978	12315385.93	1.6299	A	0.9
7	☐	10000.000	9998.108	25526758.23	3.2651	A	0.8
8	☐			3412.65	0.0004	P	3.3

$$y = 3.2657\text{E-}004 * x + 2.7731\text{E-}006$$

$$R = 1.0000$$

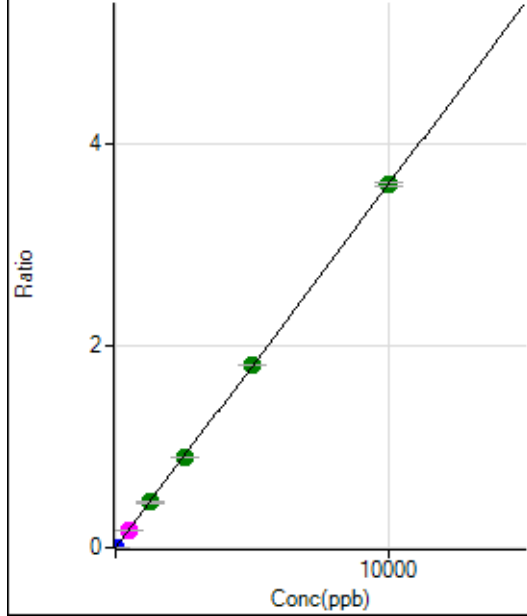
$$DL = 0.006129$$

$$BEC = 0.008491$$

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	146.67	0.0000	P	2.7
2	☐	5.000	4.766	13437.37	0.0017	P	1.3
3	☐	500.000	487.110	1420716.47	0.1751	M	1.1
4	☐	1250.000	1255.515	3400823.53	0.4512	A	2.5
5	☐	2500.000	2494.609	6721594.62	0.8964	A	0.6
6	☐	5000.000	5023.886	13640866.32	1.8053	A	0.6
7	☐	10000.000	9989.360	28062987.64	3.5896	A	1.0
8	☐			16955.53	0.0021	P	0.5

$$y = 3.5934\text{E-}004 * x + 1.9270\text{E-}005$$

$$R = 1.0000$$

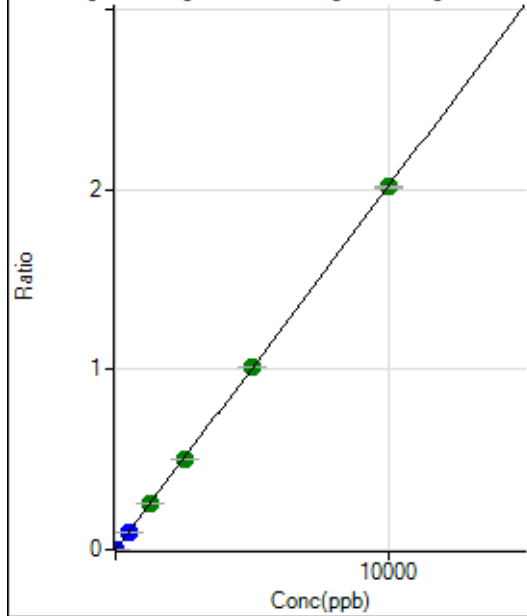
$$DL = 0.004361$$

$$BEC = 0.05363$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	19.1
2	☐	5.000	4.709	7420.84	0.0010	P	1.2
3	☐	500.000	494.573	811335.65	0.1000	P	1.2
4	☐	1250.000	1262.385	1923449.59	0.2552	A	2.0
5	☐	2500.000	2502.967	3793464.18	0.5059	A	0.2
6	☐	5000.000	5035.658	7690695.93	1.0178	A	0.2
7	☐	10000.000	9980.152	15771827.82	2.0172	A	0.7
8	☐			2322.44	0.0003	P	2.7

$$y = 2.0212\text{E-}004 * x + 4.9680\text{E-}006$$

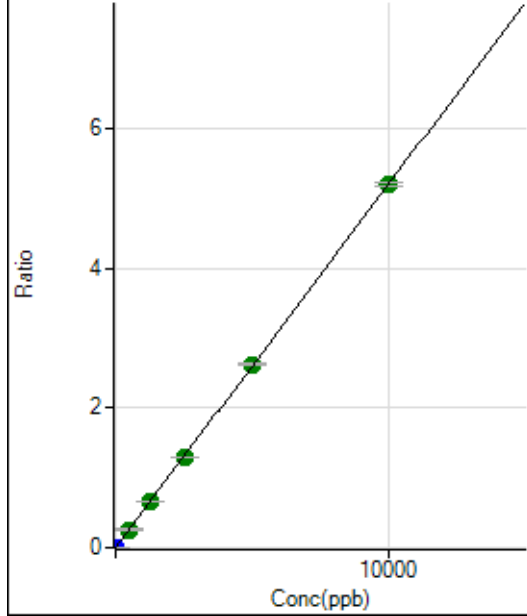
$$R = 1.0000$$

$$DL = 0.0141$$

$$BEC = 0.02458$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.89	0.0000	P	18.3
2	☐	5.000	4.742	19232.76	0.0025	P	2.0
3	☐	500.000	501.838	2122945.92	0.2616	A	1.3
4	☐	1250.000	1268.024	4982197.11	0.6610	A	2.6
5	☐	2500.000	2474.571	9671556.73	1.2899	A	0.8
6	☐	5000.000	5041.704	19857218.32	2.6280	A	1.3
7	☐	10000.000	9983.160	40681593.28	5.2037	A	1.2
8	☐			5056.47	0.0006	P	3.9

$$y = 5.2125\text{E-}004 * x + 7.7369\text{E-}006$$

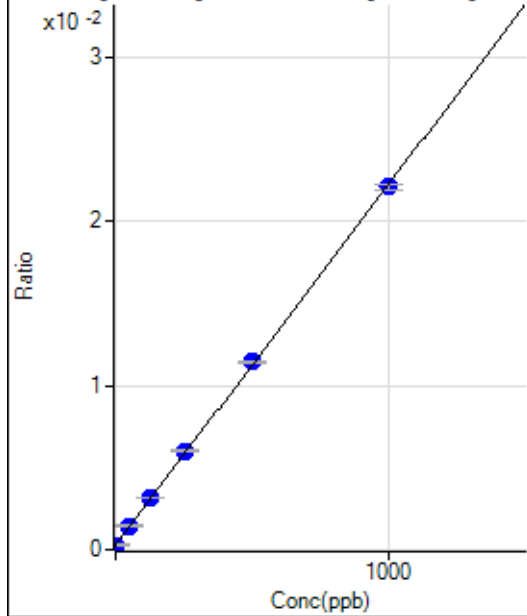
$$R = 1.0000$$

$$DL = 0.008135$$

$$BEC = 0.01484$$

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	1760.13	0.0003	P	5.6
2	☐	1.000	-0.067	1775.68	0.0003	P	3.5
3	☐	50.000	52.898	9300.83	0.0015	P	1.5
4	☐	125.000	130.988	19318.51	0.0032	P	0.7
5	☐	250.000	260.207	36379.92	0.0060	P	1.3
6	☐	500.000	506.939	70213.11	0.0114	P	1.0
7	☐	1000.000	993.087	140762.31	0.0221	P	1.3
8	☐			1896.81	0.0003	P	3.8

$$y = 2.1955\text{E-}005 * x + 2.9181\text{E-}004$$

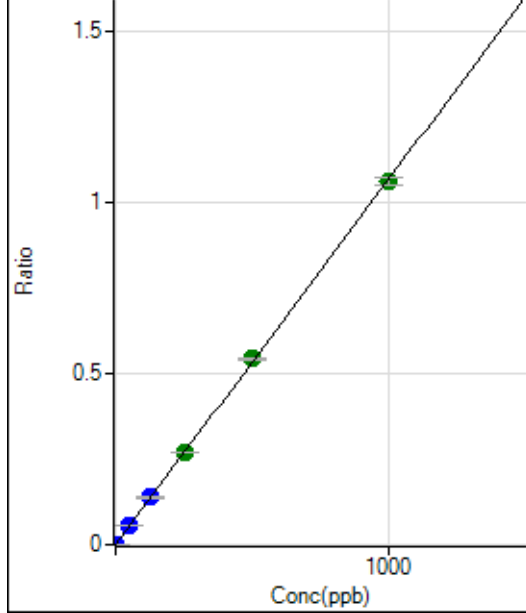
$$R = 0.9999$$

$$DL = 2.226$$

$$BEC = 13.29$$

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	40.00	0.0000	P	15.2
2	☐	1.000	1.089	7141.81	0.0012	P	2.6
3	☐	50.000	52.665	359341.86	0.0561	P	1.2
4	☐	125.000	129.007	838670.28	0.1375	P	2.4
5	☐	250.000	254.063	1640892.51	0.2708	A	0.0
6	☐	500.000	509.865	3340992.97	0.5435	A	0.7
7	☐	1000.000	993.418	6745981.98	1.0590	A	2.2
8	☐			422.23	0.0001	P	14.5

$$y = 0.0011 * x + 6.6347E-006$$

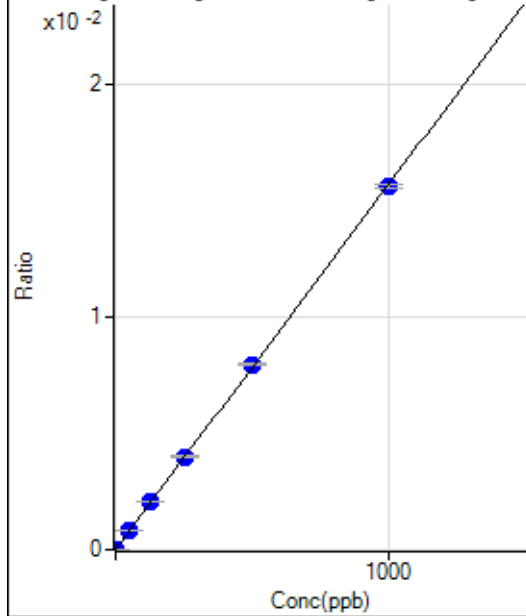
$$R = 0.9999$$

$$DL = 0.002829$$

$$BEC = 0.006224$$

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	5.55	0.0000	P	68.5
2	☐	1.000	0.843	86.67	0.0000	P	14.6
3	☐	50.000	53.822	5415.50	0.0008	P	2.1
4	☐	125.000	131.707	12618.88	0.0021	P	1.8
5	☐	250.000	254.641	24230.34	0.0040	P	2.2
6	☐	500.000	507.780	49021.36	0.0080	P	0.9
7	☐	1000.000	993.920	99452.36	0.0156	P	1.1
8	☐			26.67	0.0000	P	66.8

$$y = 1.5703E-005 * x + 9.1712E-007$$

$$R = 0.9999$$

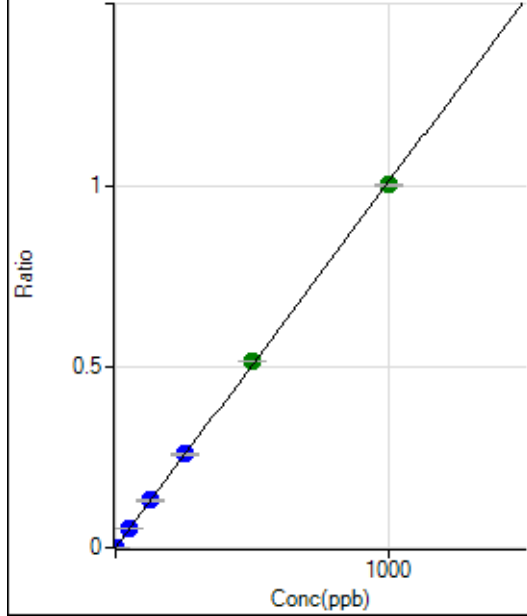
$$DL = 0.12$$

$$BEC = 0.05841$$

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	23.33	0.0000	P	13.7
2	☐	1.000	1.049	6503.73	0.0011	P	4.0
3	☐	50.000	53.082	342954.56	0.0536	P	0.9
4	☐	125.000	129.253	795615.15	0.1305	P	2.3
5	☐	250.000	255.641	1563422.46	0.2581	P	0.5
6	☐	500.000	511.011	3170890.78	0.5158	A	0.5
7	☐	1000.000	992.398	6382443.65	1.0017	A	0.5
8	☐			387.79	0.0001	P	5.3

$$y = 0.0010 * x + 3.8656E-006$$

$$R = 0.9999$$

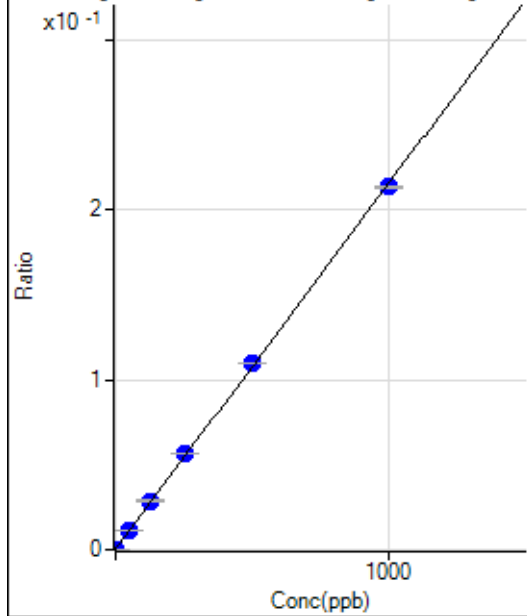
$$DL = 0.001576$$

$$BEC = 0.00383$$

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	1237.09	0.0002	P	5.3
2	☐	1.000	0.869	2397.93	0.0004	P	4.1
3	☐	50.000	52.916	74229.62	0.0116	P	0.6
4	☐	125.000	131.739	174220.19	0.0286	P	2.4
5	☐	250.000	261.018	341722.03	0.0564	P	0.2
6	☐	500.000	509.821	676011.54	0.1100	P	0.2
7	☐	1000.000	991.347	1361116.49	0.2136	P	0.7
8	☐			1489.10	0.0002	P	4.7

$$y = 2.1530E-004 * x + 2.0509E-004$$

$$R = 0.9999$$

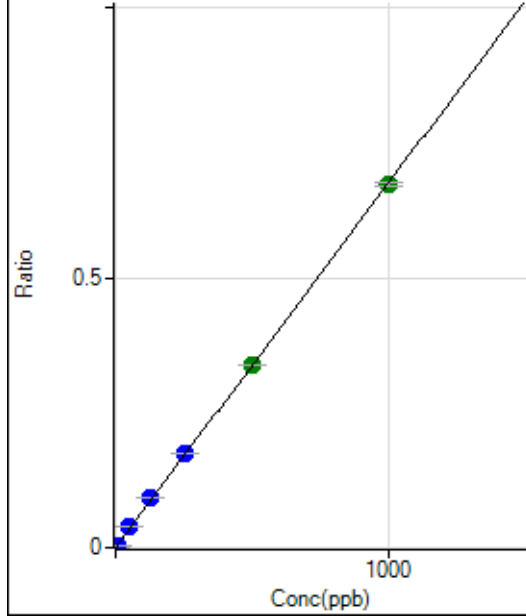
$$DL = 0.1509$$

$$BEC = 0.9526$$

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	984.49	0.0002	P	3.0
2	☐	5.000	4.800	20831.84	0.0034	P	0.3
3	☐	50.000	58.438	253710.27	0.0396	P	1.3
4	☐	125.000	136.659	563962.15	0.0925	P	2.1
5	☐	250.000	258.969	1060864.12	0.1751	P	0.8
6	☐	500.000	501.798	2084702.11	0.3391	A	0.7
7	☐	1000.000	994.980	4283272.43	0.6723	A	1.0
8	☐			1560.10	0.0002	P	6.3

$$y = 6.7552E-004 * x + 1.6320E-004$$

$$R = 0.9999$$

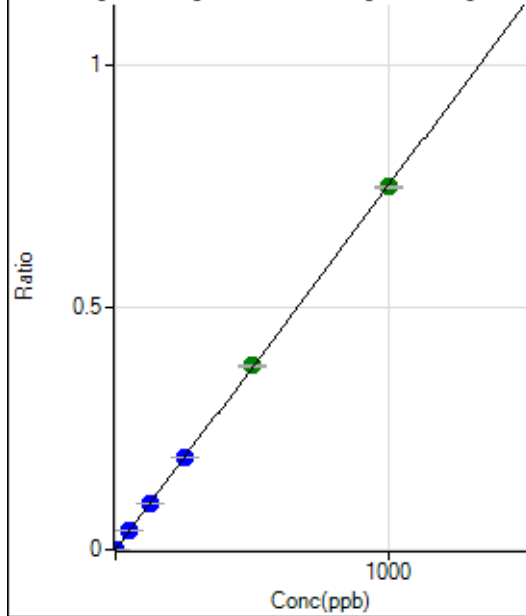
$$DL = 0.0219$$

$$BEC = 0.2416$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23.33	0.0000	P	28.0
2	☐	2.000	1.920	8836.11	0.0014	P	1.8
3	☐	50.000	50.609	243092.87	0.0380	P	0.7
4	☐	125.000	126.653	579613.19	0.0950	P	2.1
5	☐	250.000	251.241	1142300.95	0.1885	P	0.3
6	☐	500.000	506.670	2337308.37	0.3802	A	1.0
7	☐	1000.000	996.118	4762603.50	0.7475	A	0.9
8	☐			2220.20	0.0003	P	4.6

$$y = 7.5043E-004 * x + 3.8636E-006$$

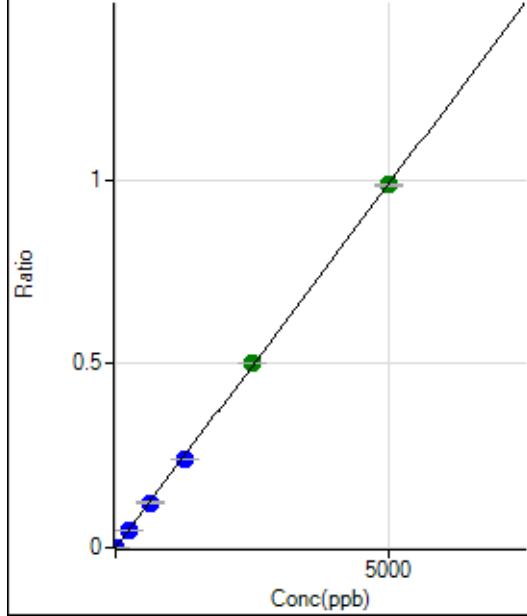
$$R = 1.0000$$

$$DL = 0.004317$$

$$BEC = 0.005149$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15.56	0.0000	P	74.8
2	☐	10.000	9.335	11293.43	0.0018	P	0.6
3	☐	250.000	246.976	312214.85	0.0488	P	0.8
4	☐	625.000	617.866	744165.67	0.1220	P	2.5
5	☐	1250.000	1223.080	1463563.69	0.2416	P	0.4
6	☐	2500.000	2533.776	3076164.26	0.5004	A	0.6
7	☐	5000.000	4990.886	6280136.58	0.9857	A	0.5
8	☐			2413.56	0.0004	P	2.3

$$y = 1.9751\text{E-}004 * x + 2.5681\text{E-}006$$

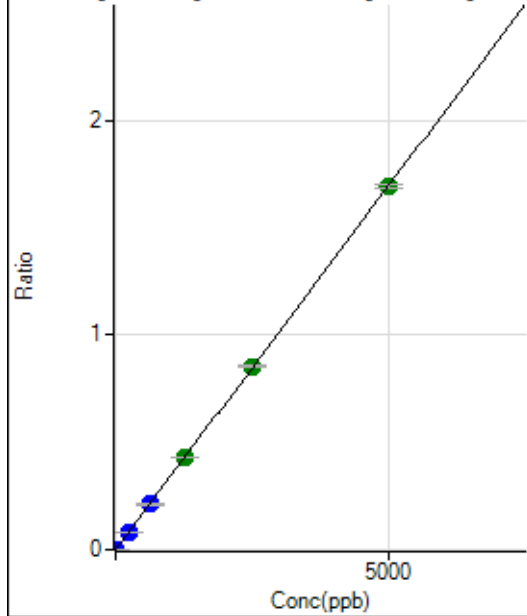
$$R = 1.0000$$

$$DL = 0.02916$$

$$BEC = 0.013$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	18.7
2	☐	10.000	9.406	19507.89	0.0032	P	1.5
3	☐	250.000	249.070	539749.74	0.0843	P	0.5
4	☐	625.000	624.913	1290264.52	0.2116	P	2.1
5	☐	1250.000	1259.092	2582718.19	0.4263	A	0.4
6	☐	2500.000	2521.463	5248047.91	0.8537	A	1.0
7	☐	5000.000	4987.054	10756920.11	1.6885	A	1.1
8	☐			4339.60	0.0007	P	4.1

$$y = 3.3857\text{E-}004 * x + 4.6064\text{E-}006$$

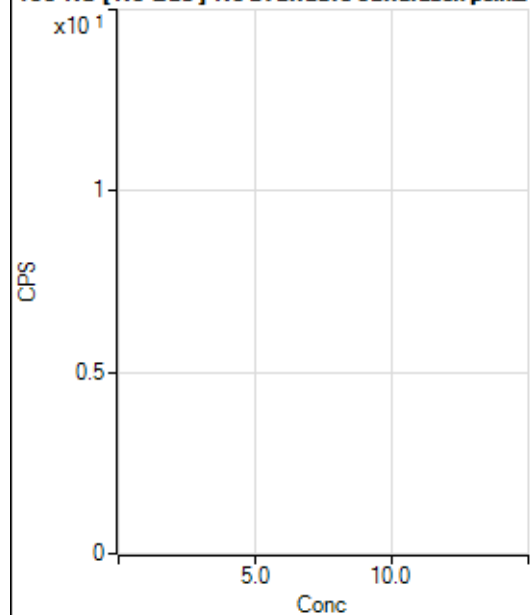
$$R = 1.0000$$

$$DL = 0.007634$$

$$BEC = 0.01361$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

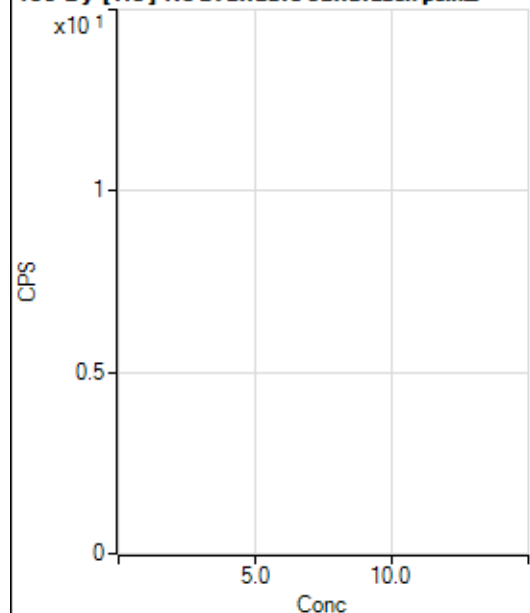
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			10.00		P	33.3
3	☐			18.89		P	51.0
4	☐			35.55		P	19.5
5	☐			72.22		P	25.4
6	☐			172.23		P	20.7
7	☐			290.01		P	14.0
8	☐			127.78		P	11.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			3.33		P	100.
3	☐			7.78		P	49.5
4	☐			16.67		P	20.0
5	☐			18.89		P	36.7
6	☐			37.78		P	39.8
7	☐			93.33		P	18.6
8	☐			68.89		P	10.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			13.33		P	25.0
3	☐			8.89		P	21.6
4	☐			22.22		P	37.8
5	☐			31.11		P	12.4
6	☐			32.22		P	6.0
7	☐			100.00		P	18.6
8	☐			151.11		P	16.7

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			2.22		P	86.6
3	☐			31.11		P	50.6
4	☐			57.78		P	14.5
5	☐			92.22		P	20.9
6	☐			168.89		P	21.8
7	☐			341.12		P	9.6
8	☐			140.00		P	23.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	20.8
2	☐			20.00		P	88.2
3	☐			32.22		P	15.8
4	☐			45.56		P	40.3
5	☐			50.00		P	24.0
6	☐			53.33		P	6.3
7	☐			66.67		P	37.7
8	☐			188.89		P	4.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			295.56		P	5.8
2	☐			281.12		P	10.1
3	☐			306.67		P	2.9
4	☐			302.23		P	16.1
5	☐			283.34		P	5.1
6	☐			281.12		P	7.2
7	☐			353.35		P	3.3
8	☐			414.45		P	10.1

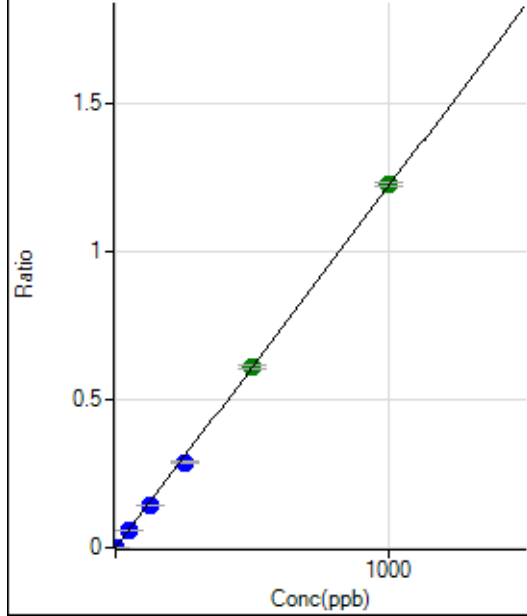
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.66		P	27.0
2	☐			48.89		P	28.4
3	☐			63.33		P	24.1
4	☐			52.22		P	18.4
5	☐			61.11		P	8.3
6	☐			70.00		P	42.3
7	☐			88.89		P	20.7
8	☐			262.23		P	2.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	36.3
2	☐			33.33		P	26.5
3	☐			38.89		P	13.1
4	☐			50.00		P	29.1
5	☐			40.00		P	22.0
6	☐			55.55		P	24.3
7	☐			78.89		P	17.1
8	☐			195.56		P	12.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	5.2
2	☐	1.000	0.893	3975.06	0.0011	P	2.6
3	☐	50.000	46.752	214643.52	0.0571	P	1.7
4	☐	125.000	118.960	532768.80	0.1452	P	0.5
5	☐	250.000	236.523	1041855.90	0.2886	P	0.9
6	☐	500.000	500.443	2233559.93	0.6106	A	2.0
7	☐	1000.000	1004.065	4519139.27	1.2251	A	1.0
8	☐			385.57	0.0001	P	7.3

$$y = 0.0012 * x + 1.0705E-005$$

$$R = 0.9999$$

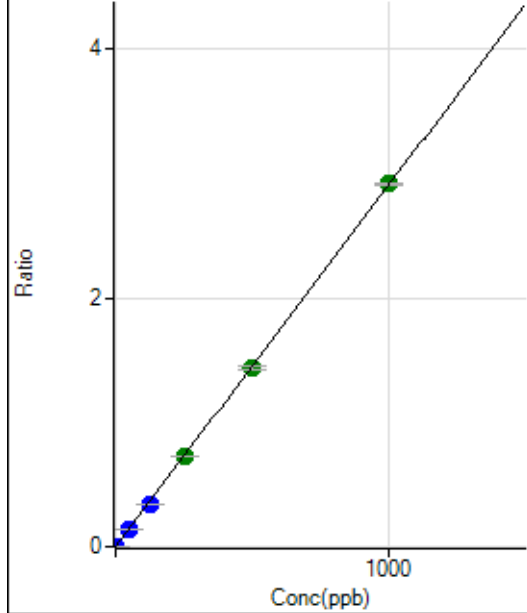
$$DL = 0.001366$$

$$BEC = 0.008773$$

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	68.89	0.0000	P	16.7
2	☐	1.000	0.891	9428.90	0.0026	P	1.0
3	☐	50.000	46.496	508612.77	0.1352	P	1.0
4	☐	125.000	117.810	1257189.57	0.3425	P	0.8
5	☐	250.000	249.086	2614099.35	0.7241	A	1.1
6	☐	500.000	495.047	5264210.23	1.4392	A	2.1
7	☐	1000.000	1003.779	10764485.74	2.9181	A	0.6
8	☐			888.93	0.0003	P	5.8

$$y = 0.0029 * x + 1.9514E-005$$

$$R = 1.0000$$

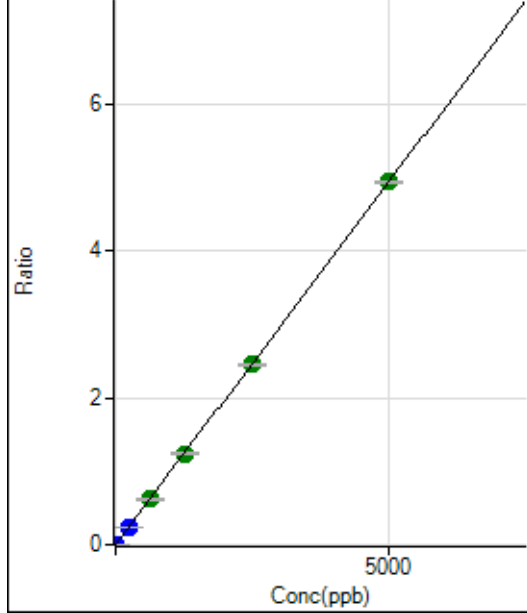
$$DL = 0.003371$$

$$BEC = 0.006713$$

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	466.68	0.0001	P	12.0
2	☐	1.000	0.759	3184.85	0.0009	P	4.3
3	☐	250.000	237.554	883261.62	0.2348	P	1.0
4	☐	625.000	627.809	2276689.53	0.6202	A	1.5
5	☐	1250.000	1248.621	4452427.64	1.2334	A	2.3
6	☐	2500.000	2485.932	8981726.67	2.4555	A	0.5
7	☐	5000.000	5007.650	18245524.59	4.9461	A	0.3
8	☐			8751.77	0.0025	P	2.1

$$y = 9.8769\text{E-}004 * x + 1.3221\text{E-}004$$

$$R = 1.0000$$

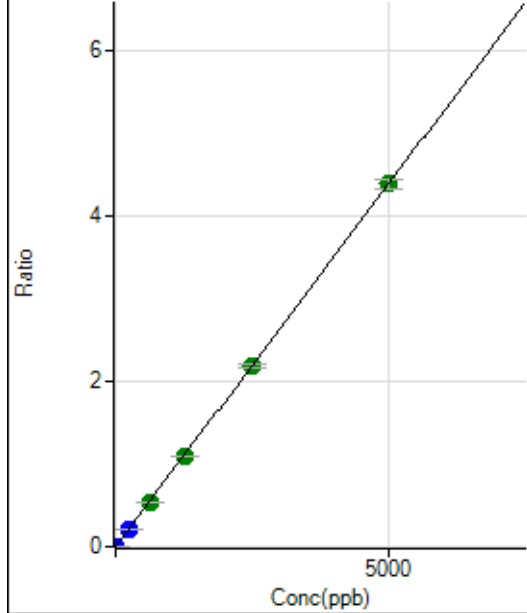
$$DL = 0.04821$$

$$BEC = 0.1339$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	396.68	0.0001	P	11.0
2	☐	1.000	0.760	2814.77	0.0008	P	3.7
3	☐	250.000	233.343	770116.73	0.2047	P	0.7
4	☐	625.000	616.797	1985066.01	0.5408	A	1.1
5	☐	1250.000	1248.139	3950536.23	1.0943	A	0.6
6	☐	2500.000	2503.253	8027630.09	2.1946	A	2.0
7	☐	5000.000	5000.697	16174646.70	4.3841	A	2.4
8	☐			7456.55	0.0021	P	3.0

$$y = 8.7667\text{E-}004 * x + 1.1236\text{E-}004$$

$$R = 1.0000$$

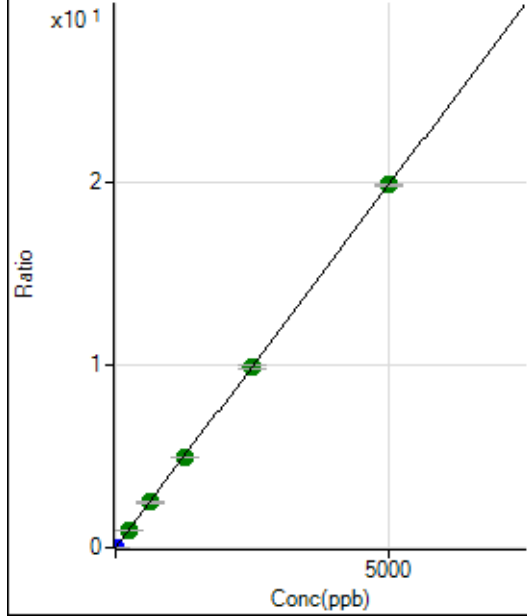
$$DL = 0.04228$$

$$BEC = 0.1282$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1877.85	0.0005	P	7.5
2	☐	1.000	0.748	12646.88	0.0035	P	2.0
3	☐	250.000	239.593	3580798.54	0.9518	A	1.0
4	☐	625.000	623.263	9083911.51	2.4750	A	0.7
5	☐	1250.000	1238.250	17749029.77	4.9166	A	0.5
6	☐	2500.000	2500.814	36319315.08	9.9292	A	1.7
7	☐	5000.000	5003.268	73279747.66	19.8644	A	0.8
8	☐			34755.52	0.0098	P	1.7

$$y = 0.0040 * x + 5.3197E-004$$

$$R = 1.0000$$

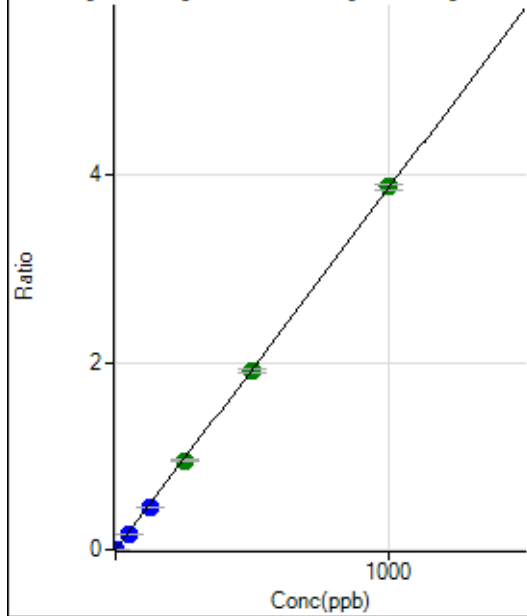
$$DL = 0.03$$

$$BEC = 0.134$$

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	17.78	0.0000	P	21.4
2	☐	1.000	0.848	11837.57	0.0033	P	2.6
3	☐	50.000	45.059	654337.26	0.1739	P	0.1
4	☐	125.000	116.058	1643862.13	0.4479	P	0.2
5	☐	250.000	247.015	3441336.72	0.9533	A	1.6
6	☐	500.000	495.667	6997091.08	1.9129	A	1.7
7	☐	1000.000	1004.277	14295755.48	3.8757	A	1.3
8	☐			476.68	0.0001	P	6.4

$$y = 0.0039 * x + 5.0349E-006$$

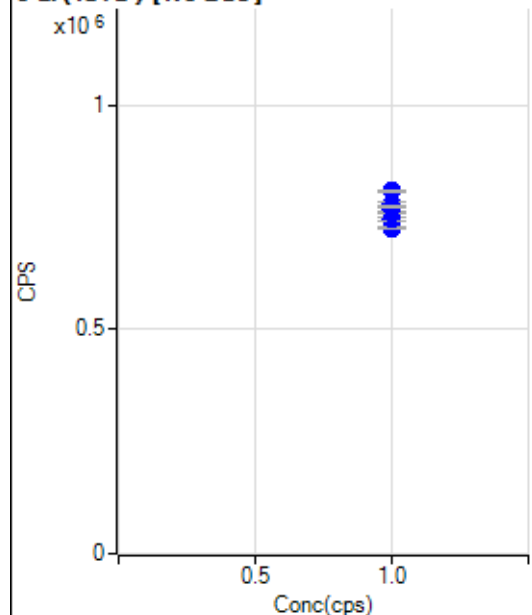
$$R = 0.9999$$

$$DL = 0.000839$$

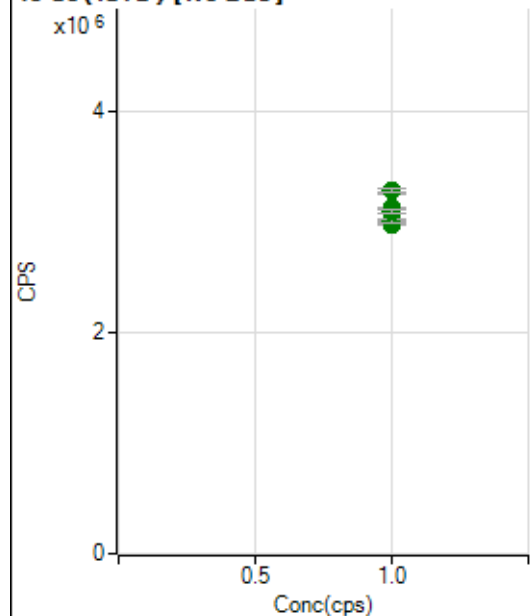
$$BEC = 0.001305$$

Weight: <None>

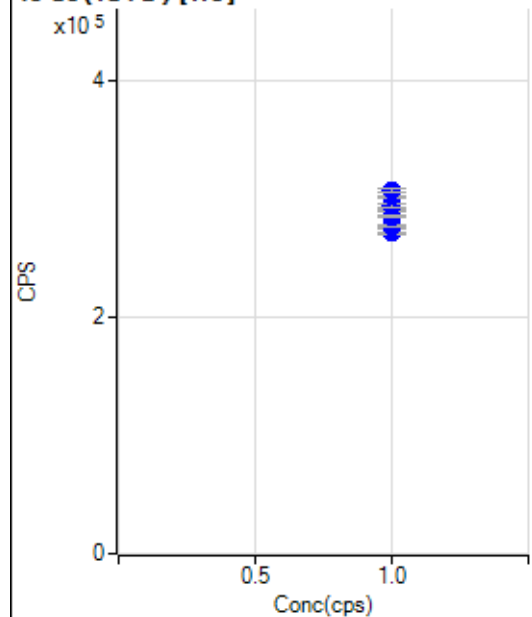
Min Conc: 0

6 Li (ISTD) [No Gas]

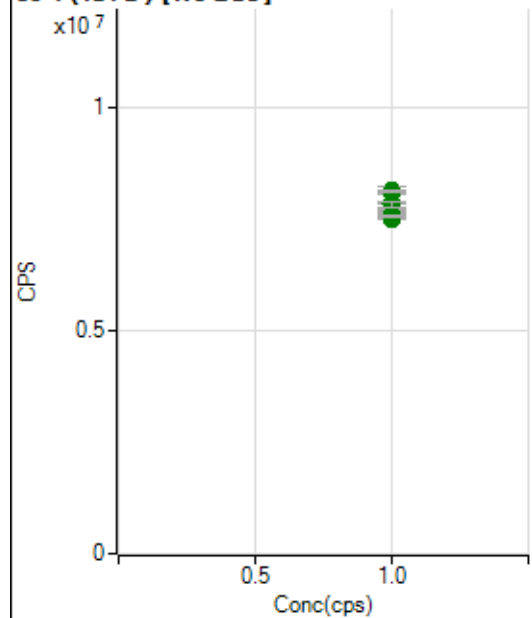
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		724818.60		P	0.8
2	☐	1.000		745417.99		P	0.9
3	☐	1.000		779283.36		P	1.5
4	☐	1.000		766196.42		P	1.9
5	☐	1.000		759557.23		P	0.5
6	☐	1.000		767300.53		P	1.9
7	☐	1.000		773007.78		P	0.6
8	☐	1.000		808036.99		P	0.8

45 Sc (ISTD) [No Gas]

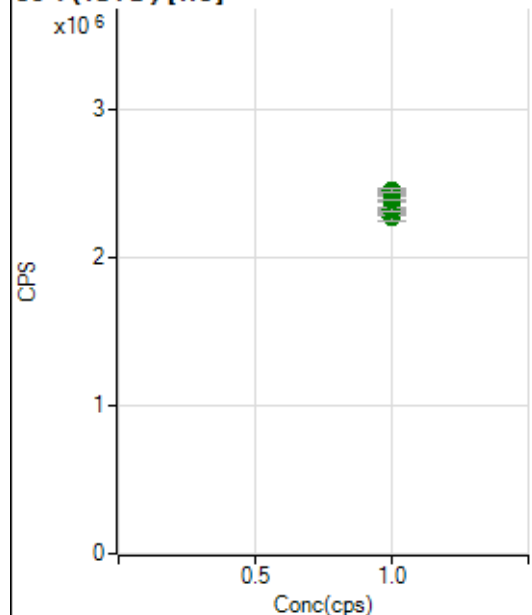
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3108716.24		A	1.5
2	☐	1.000		3128345.20		A	0.2
3	☐	1.000		3278262.28		A	1.5
4	☐	1.000		2986173.15		A	1.3
5	☐	1.000		2970996.00		A	0.2
6	☐	1.000		3011234.85		A	0.9
7	☐	1.000		3088339.89		A	1.1
8	☐	1.000		3280313.01		A	1.2

45 Sc (ISTD) [He]

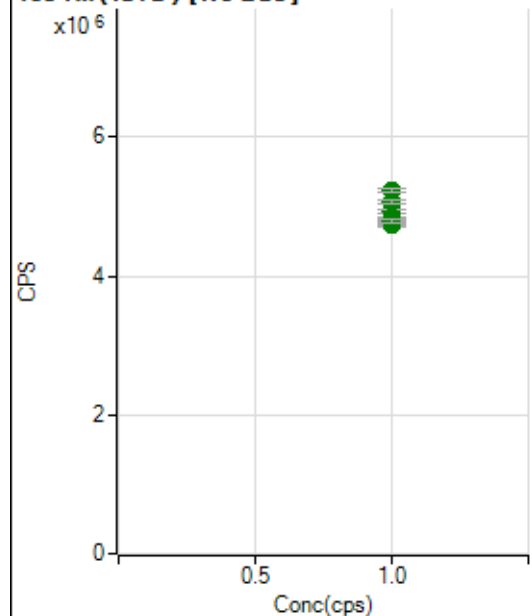
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		289463.48		P	0.6
2	☐	1.000		294523.78		P	1.0
3	☐	1.000		301482.63		P	0.7
4	☐	1.000		274762.41		P	0.2
5	☐	1.000		270696.48		P	0.5
6	☐	1.000		276821.19		P	1.1
7	☐	1.000		284695.49		P	0.4
8	☐	1.000		306365.05		P	1.0

89 Y (ISTD) [No Gas]

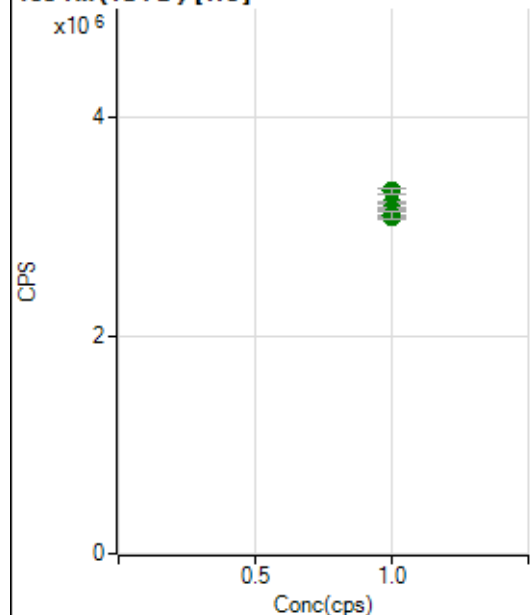
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7612028.57		A	0.8
2	☐	1.000		7757790.16		A	1.7
3	☐	1.000		8116874.39		A	2.1
4	☐	1.000		7539609.75		A	1.6
5	☐	1.000		7498175.37		A	0.2
6	☐	1.000		7555862.80		A	0.6
7	☐	1.000		7818737.87		A	1.8
8	☐	1.000		8101121.20		A	0.6

89 Y(ISTD) [He]

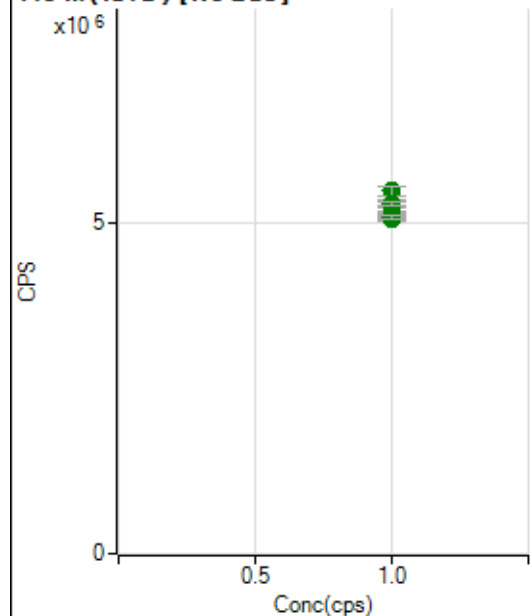
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2331593.51		A	0.8
2	☐	1.000		2395236.51		A	1.7
3	☐	1.000		2444865.26		A	0.9
4	☐	1.000		2301902.13		A	0.6
5	☐	1.000		2269472.00		A	1.7
6	☐	1.000		2323920.71		A	1.1
7	☐	1.000		2391313.18		A	0.5
8	☐	1.000		2451994.65		A	1.0

103 Rh(ISTD) [No Gas]

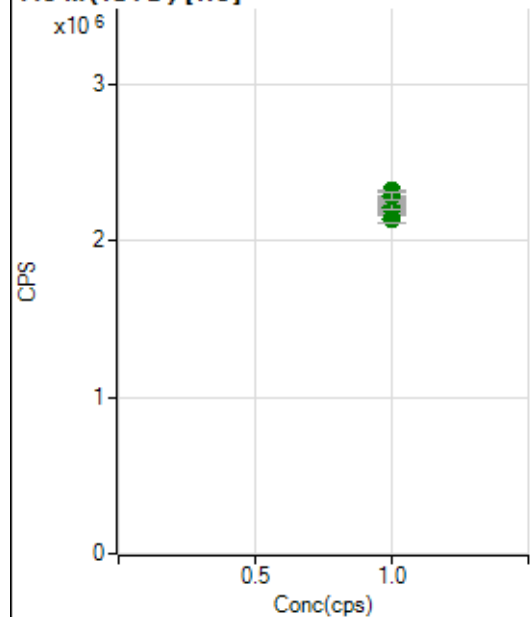
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4929741.38		A	0.8
2	☐	1.000		5060627.04		A	1.1
3	☐	1.000		5227357.22		A	1.0
4	☐	1.000		4841665.52		A	0.8
5	☐	1.000		4742372.50		A	0.8
6	☐	1.000		4746770.45		A	0.5
7	☐	1.000		4827892.64		A	1.4
8	☐	1.000		4787451.46		A	1.1

103 Rh (ISTD) [He]

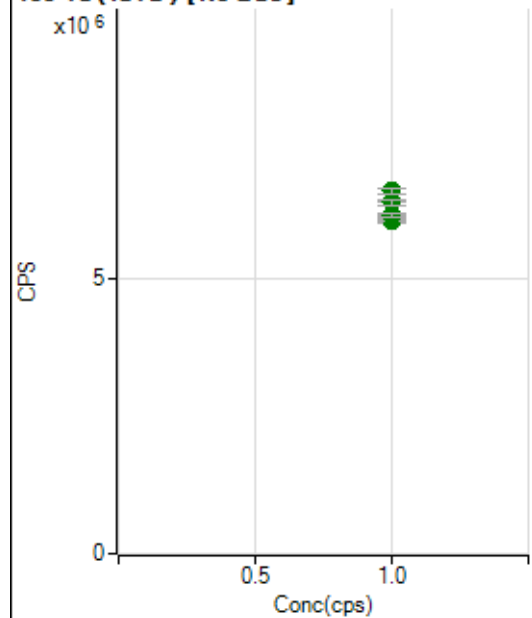
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3170106.62		A	0.8
2	☐	1.000		3218209.12		A	0.4
3	☐	1.000		3329017.52		A	1.7
4	☐	1.000		3151976.72		A	0.9
5	☐	1.000		3080954.54		A	0.6
6	☐	1.000		3093908.64		A	0.8
7	☐	1.000		3164451.27		A	0.8
8	☐	1.000		3107476.76		A	2.0

115 In (ISTD) [No Gas]

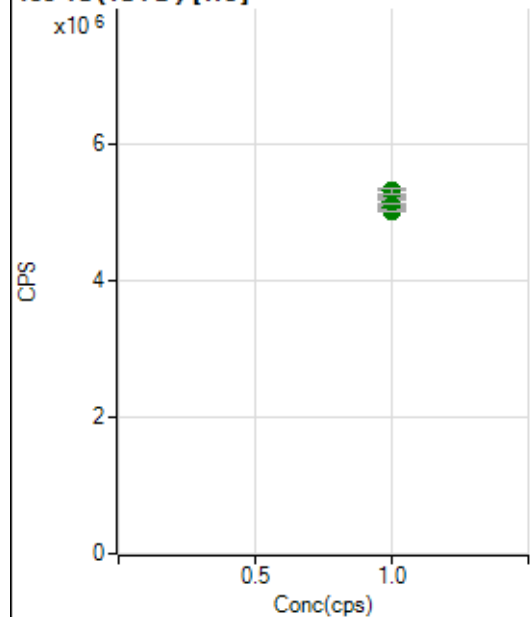
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5141211.43		A	1.5
2	☐	1.000		5286242.78		A	2.4
3	☐	1.000		5477370.72		A	2.3
4	☐	1.000		5103678.24		A	1.0
5	☐	1.000		5068166.78		A	0.9
6	☐	1.000		5064187.75		A	1.2
7	☐	1.000		5076124.48		A	1.2
8	☐	1.000		5291166.21		A	1.1

115 In (ISTD) [He]

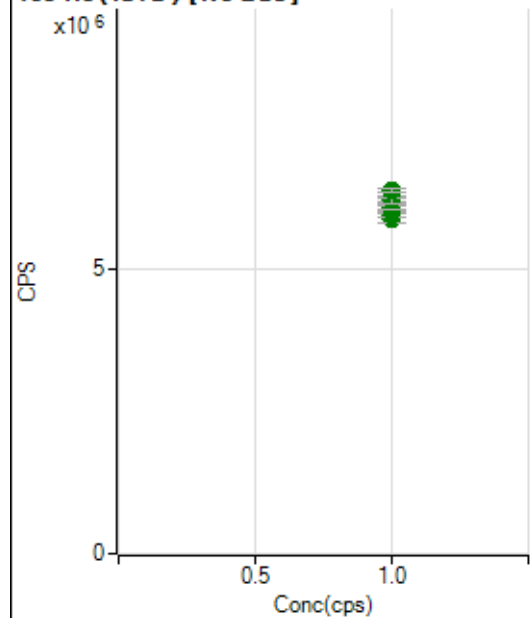
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2239766.65		A	1.2
2	☐	1.000		2282361.25		A	0.6
3	☐	1.000		2319232.94		A	0.4
4	☐	1.000		2191400.52		A	1.9
5	☐	1.000		2139871.31		A	1.8
6	☐	1.000		2179987.33		A	0.2
7	☐	1.000		2216843.90		A	1.7
8	☐	1.000		2282933.01		A	2.2

159 Tb (ISTD) [No Gas]

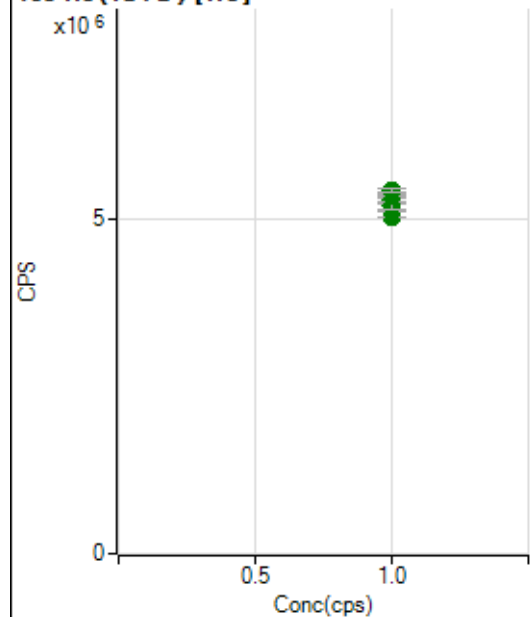
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6033287.83		A	0.8
2	☐	1.000		6116920.67		A	0.9
3	☐	1.000		6400259.28		A	0.8
4	☐	1.000		6098888.45		A	1.5
5	☐	1.000		6058574.28		A	0.2
6	☐	1.000		6147201.64		A	1.4
7	☐	1.000		6371267.61		A	1.3
8	☐	1.000		6584536.71		A	1.3

159 Tb (ISTD) [He]

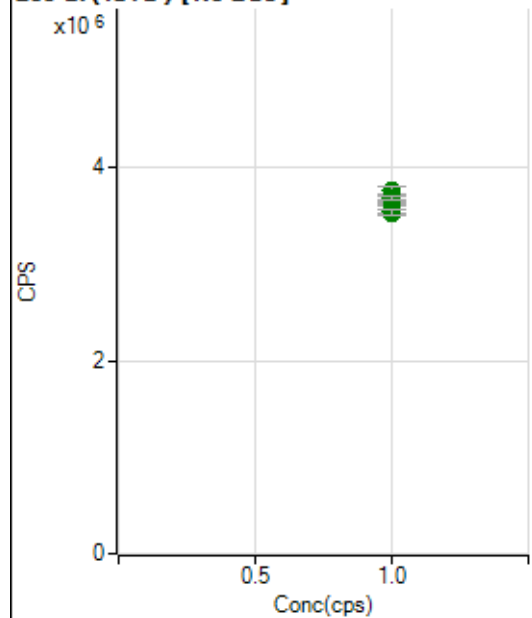
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5041148.75		A	0.7
2	☐	1.000		5074509.23		A	0.3
3	☐	1.000		5248709.61		A	0.7
4	☐	1.000		5057353.33		A	1.0
5	☐	1.000		5014735.76		A	0.7
6	☐	1.000		5139352.53		A	1.1
7	☐	1.000		5266403.84		A	2.3
8	☐	1.000		5308176.49		A	1.8

165 Ho (ISTD) [No Gas]

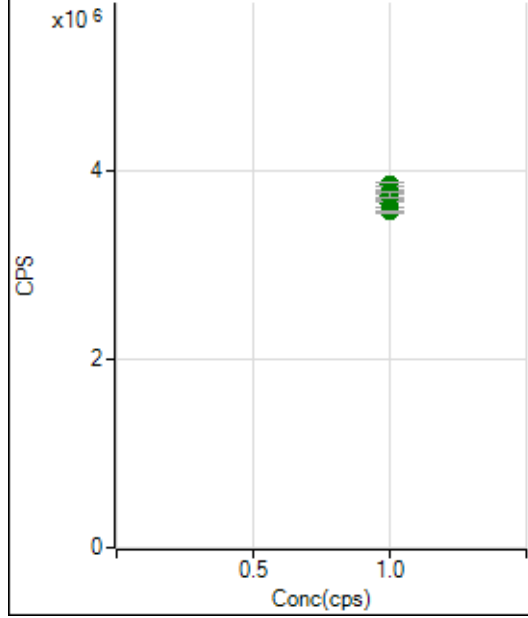
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5848934.98		A	1.3
2	☐	1.000		5948666.30		A	1.4
3	☐	1.000		6215777.06		A	1.4
4	☐	1.000		6027720.47		A	2.0
5	☐	1.000		5998515.95		A	0.4
6	☐	1.000		6061328.45		A	1.1
7	☐	1.000		6189635.25		A	1.4
8	☐	1.000		6360001.22		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5029187.88		A	0.5
2	☐	1.000		5134047.11		A	0.5
3	☐	1.000		5281931.62		A	1.6
4	☐	1.000		5188630.79		A	1.4
5	☐	1.000		5108731.42		A	0.4
6	☐	1.000		5196650.03		A	1.8
7	☐	1.000		5348118.22		A	0.4
8	☐	1.000		5419604.36		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3529368.32		A	0.4
2	☐	1.000		3613192.10		A	0.4
3	☐	1.000		3762774.81		A	2.0
4	☐	1.000		3670216.89		A	1.9
5	☐	1.000		3610014.77		A	0.2
6	☐	1.000		3657882.45		A	0.2
7	☐	1.000		3688822.90		A	1.1
8	☐	1.000		3544325.19		A	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3642328.94		A	2.1
2	☐	1.000		3740159.14		A	2.1
3	☐	1.000		3848659.07		A	0.9
4	☐	1.000		3750683.07		A	2.0
5	☐	1.000		3727304.29		A	0.9
6	☐	1.000		3764287.17		A	0.6
7	☐	1.000		3742039.18		A	1.5
8	☐	1.000		3561786.44		A	0.9