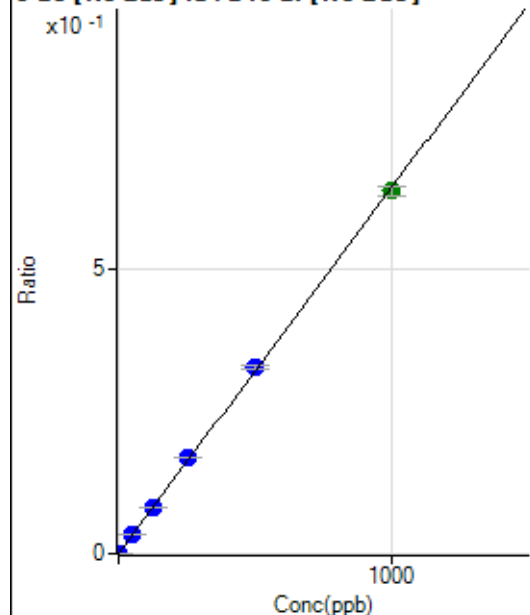


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8010424MS.b\
Analysis File: P8010424MS.batch.bin
DA Date-Time: 2024-01-04 16:24:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-01-04 14:35:40
2	005CALS.d	S02	2024-01-04 14:39:04
3	007CALS.d	S03	2024-01-04 14:45:48
4	008CALS.d	S04	2024-01-04 14:49:07
5	009CALS.d	S05	2024-01-04 14:52:15
6	010CALS.d	S06	2024-01-04 14:55:20
7	011CALS.d	S07	2024-01-04 14:58:21
8	012CALS.d	S08	2024-01-04 15:01:25

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.66	0.0000	P	18.0
2	☐	1.000	0.944	1597.81	0.0006	P	2.4
3	☐	50.000	50.639	81919.22	0.0325	P	1.8
4	☐	125.000	127.900	203401.62	0.0821	P	0.7
5	☐	250.000	261.199	407006.91	0.1676	P	0.5
6	☐	500.000	510.316	766420.94	0.3274	P	1.5
7	☐	1000.000	991.648	1461450.23	0.6362	A	2.5
8	☐			407.04	0.0002	P	23.7

$$y = 6.4158\text{E-}004 * x + 2.2329\text{E-}005$$

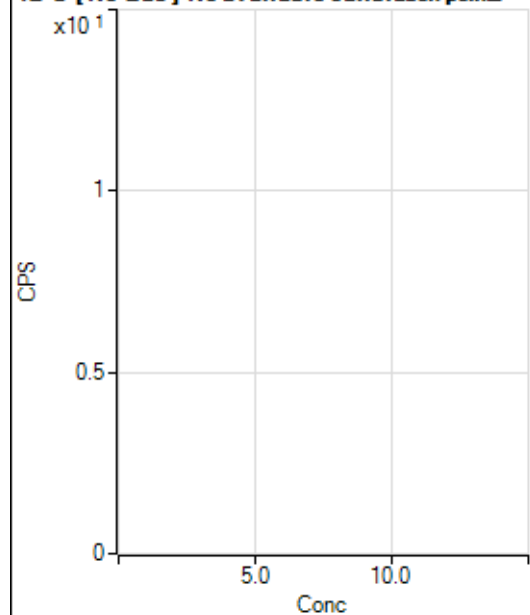
$$R = 0.9998$$

$$DL = 0.01882$$

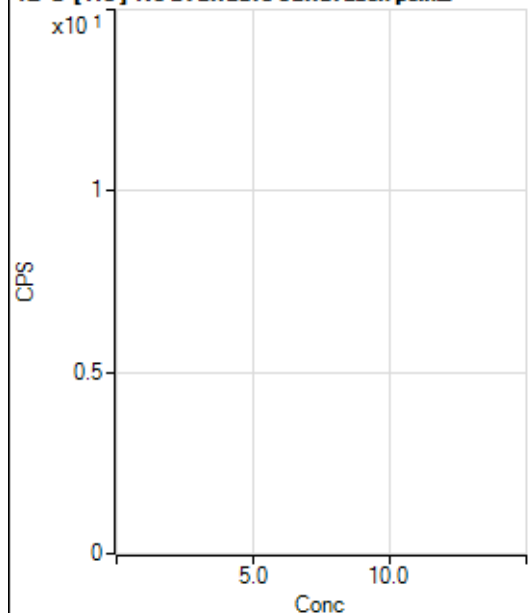
$$BEC = 0.0348$$

Weight: <None>

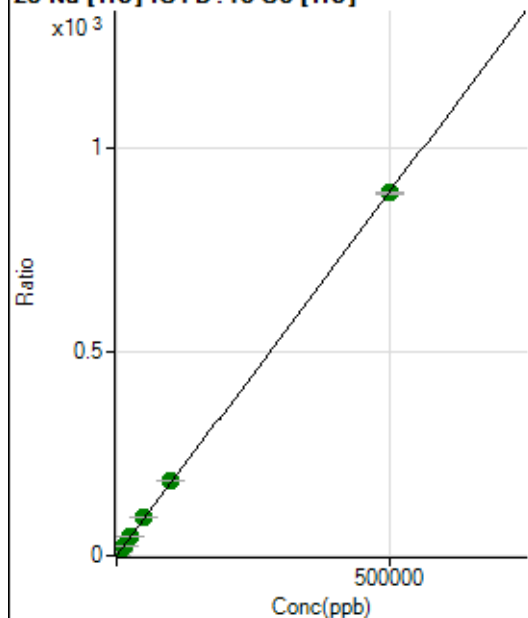
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2185035.35		A	0.6
2	☐			2147479.76		A	0.2
3	☐			2282920.47		A	1.2
4	☐			2342936.23		A	3.0
5	☐			2367086.77		A	3.1
6	☐			2412001.48		A	2.5
7	☐			2565827.71		A	3.4
8	☐			2258662.59		A	3.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28043.44		P	2.1
2	☐			27181.88		P	0.8
3	☐			30142.04		P	1.3
4	☐			31139.61		P	0.2
5	☐			30853.46		P	0.6
6	☐			32931.37		P	0.5
7	☐			35914.92		P	0.8
8	☐			33532.70		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8382.49	0.0702	P	1.1
2	☐	500.000	475.374	109838.57	0.9181	P	0.9
3	☐	5000.000	5290.264	1087233.94	9.5060	A	1.6
4	☐	12500.000	13236.196	2667980.90	23.6784	A	0.3
5	☐	25000.000	26589.719	5278020.27	47.4959	A	0.5
6	☐	50000.000	51787.506	10007877.28	92.4389	A	0.4
7	☐	100000.00	103566.05	19725794.84	184.7916	A	0.8
8	☐	500000.00	499007.27	94255788.59	890.1042	A	0.6

$$y = 0.0018 * x + 0.0702$$

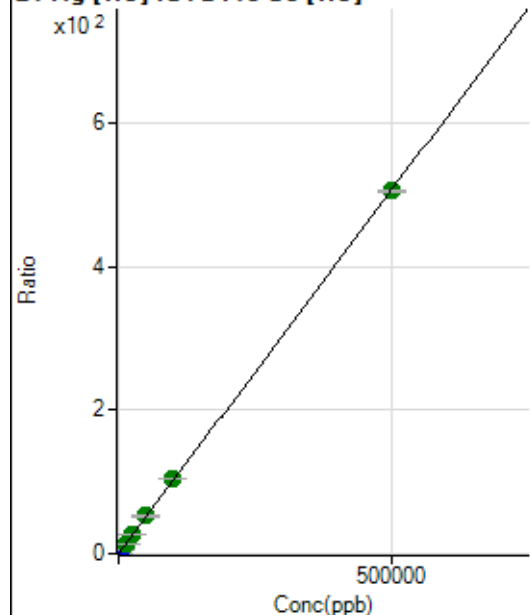
$$R = 1.0000$$

$$DL = 1.248$$

$$BEC = 39.38$$

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	121.11	0.0010	P	2.2
2	☐	500.000	477.699	57975.90	0.4846	P	1.8
3	☐	5000.000	5272.286	610523.45	5.3383	P	2.0
4	☐	12500.000	13542.126	1544766.06	13.7101	A	0.9
5	☐	25000.000	27416.859	3084528.84	27.7559	A	1.3
6	☐	50000.000	51678.159	5663711.72	52.3163	A	0.8
7	☐	100000.00	103544.81	11189575.25	104.8223	A	0.9
8	☐	500000.00	498973.62	53489473.65	505.1260	A	0.2

$$y = 0.0010 * x + 0.0010$$

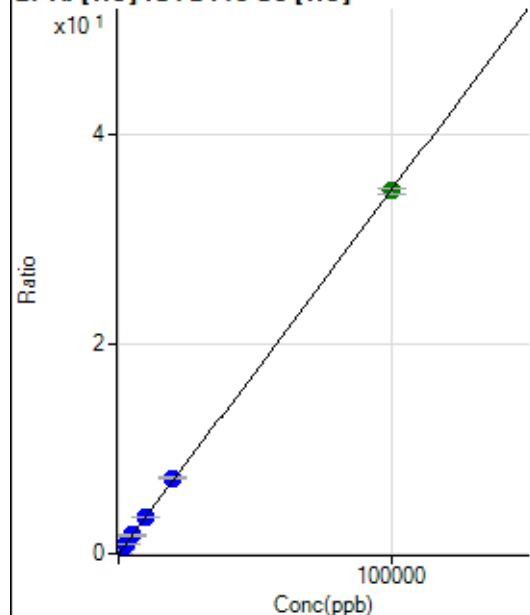
$$R = 1.0000$$

$$DL = 0.06555$$

$$BEC = 1.002$$

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	51.11	0.0004	P	60.7
2	☐	20.000	18.859	833.37	0.0070	P	7.5
3	☐	1000.000	1035.001	41048.94	0.3590	P	2.3
4	☐	2500.000	2787.418	108842.63	0.9660	P	0.8
5	☐	5000.000	5024.653	193468.55	1.7410	P	0.3
6	☐	10000.000	10209.670	382915.77	3.5371	P	1.0
7	☐	20000.000	20800.130	769155.50	7.2056	P	1.7
8	☐	100000.00	99810.239	3661579.28	34.5749	A	1.6

$$y = 3.4640E-004 * x + 4.2823E-004$$

$$R = 1.0000$$

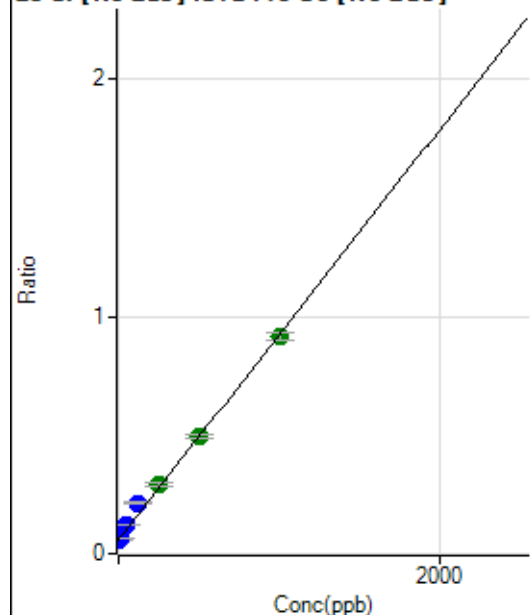
$$DL = 2.249$$

$$BEC = 1.236$$

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	215358.25	0.0587	P	1.7
2	☐	10.000	6.720	235879.08	0.0646	P	2.3
3	☐	50.000	71.056	433160.21	0.1202	P	0.8
4	☐	125.000	175.905	751968.10	0.2110	P	3.6
5	☐	250.000	271.350	1023121.97	0.2936	A	5.2
6	☐	500.000	500.206	1695489.32	0.4917	A	3.1
7	☐	1000.000	987.176	3061075.41	0.9132	A	3.3
8	☐			521094.43	0.1650	P	2.6

$$y = 8.6554\text{E-}004 * x + 0.0587$$

R = 0.9985

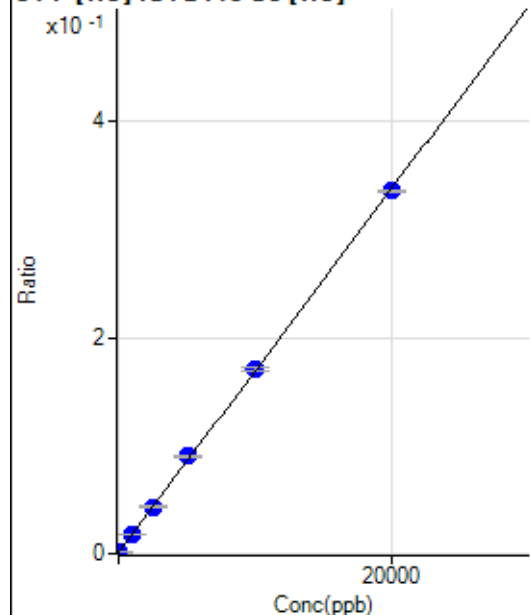
DL = 3.553

BEC = 67.87

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-19.013	67.78	0.0006	P	10.7
2	☐	0.000	19.013	144.45	0.0012	P	10.9
3	☐	1000.000	1028.327	2083.50	0.0182	P	2.3
4	☐	2500.000	2533.307	4909.76	0.0436	P	4.0
5	☐	5000.000	5285.079	9994.63	0.0899	P	2.7
6	☐	10000.000	10080.503	18485.19	0.1708	P	1.3
7	☐	20000.000	19882.899	35862.15	0.3359	P	0.8
8	☐			84.44	0.0008	P	25.0

$$y = 1.6851\text{E-}005 * x + 8.8801\text{E-}004$$

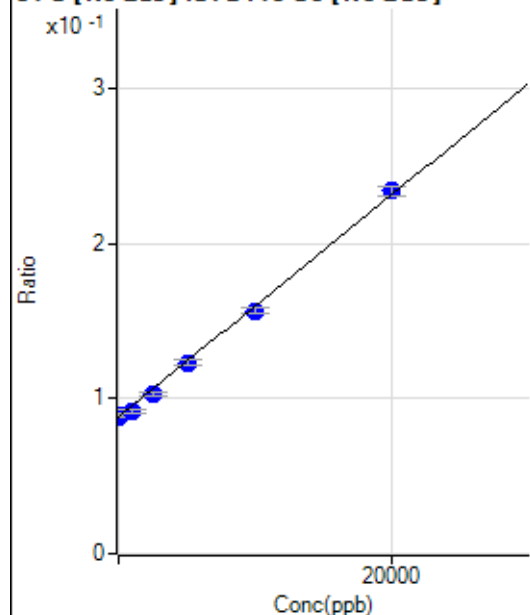
R = 0.9999

DL = 17.13

BEC = 52.7

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-63.171	322446.29	0.0880	P	2.6
2	☐	0.000	63.171	324710.23	0.0889	P	1.7
3	☐	1000.000	472.466	330644.48	0.0918	P	2.1
4	☐	2500.000	1989.647	365936.35	0.1027	P	2.0
5	☐	5000.000	4888.443	430196.37	0.1234	P	3.1
6	☐	10000.000	9552.507	540931.82	0.1569	P	2.9
7	☐	20000.000	20341.807	785070.66	0.2342	P	2.6
8	☐			264342.13	0.0837	P	1.1

$$y = 7.1661\text{E-}006 * x + 0.0884$$

$$R = 0.9992$$

$$DL = 808.3$$

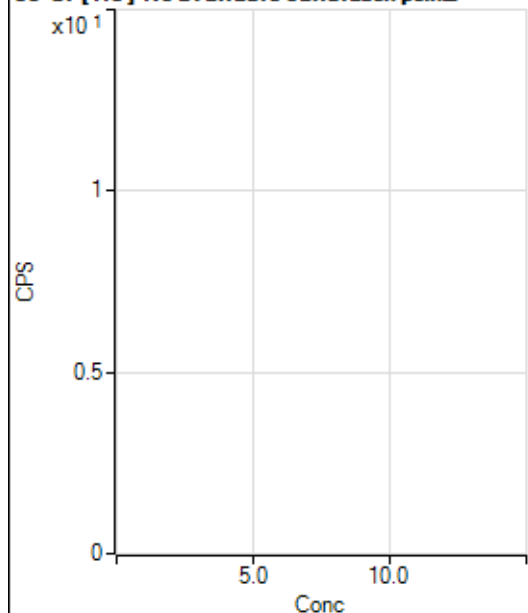
$$BEC = 1.234\text{E}+04$$

Weight: <None>

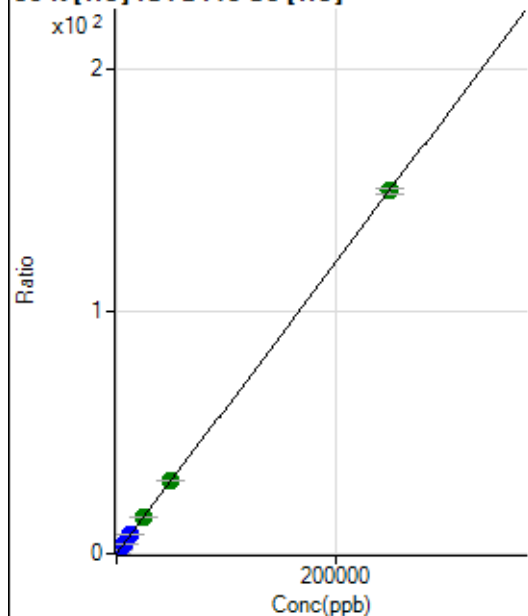
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			64849.80		P	1.1
2	☐			62942.73		P	1.2
3	☐			79629.42		P	0.5
4	☐			88570.79		P	1.3
5	☐			87250.80		P	0.7
6	☐			86518.59		P	1.3
7	☐			87688.87		P	1.3
8	☐			76705.02		P	0.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			466.68		P	5.7
2	☐			400.01		P	3.0
3	☐			525.57		P	5.9
4	☐			575.58		P	7.9
5	☐			581.13		P	11.8
6	☐			525.57		P	11.0
7	☐			584.46		P	6.3
8	☐			531.13		P	16.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6768.33	0.0567	P	2.3
2	☐	500.000	466.643	40242.70	0.3364	P	1.8
3	☐	2500.000	2551.131	181364.09	1.5858	P	1.4
4	☐	6250.000	6376.502	437029.49	3.8787	P	0.2
5	☐	12500.000	13010.309	872859.76	7.8548	P	0.7
6	☐	25000.000	25366.298	1652221.10	15.2608	A	1.0
7	☐	50000.000	50578.521	3242123.49	30.3725	A	1.0
8	☐	250000.00	249818.54	15861126.01	149.7930	A	1.2

$$y = 5.9938E-004 * x + 0.0567$$

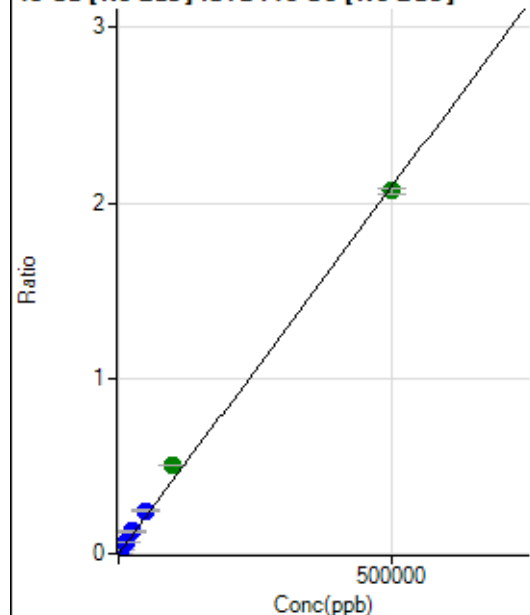
$$R = 1.0000$$

$$DL = 6.509$$

$$BEC = 94.61$$

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	154.45	0.0000	P	13.8
2	☐	500.000	471.505	7359.72	0.0020	P	3.9
3	☐	5000.000	5892.571	88932.69	0.0247	P	1.9
4	☐	12500.000	14736.977	219858.76	0.0617	P	1.8
5	☐	25000.000	30266.433	441272.51	0.1266	P	4.0
6	☐	50000.000	58357.773	842002.94	0.2442	P	2.4
7	☐	100000.00	120995.98	1697613.33	0.5062	A	1.2
8	☐	500000.00	494636.88	6533179.97	2.0691	A	1.8

$$y = 4.1830\text{E-}006 * x + 4.2184\text{E-}005$$

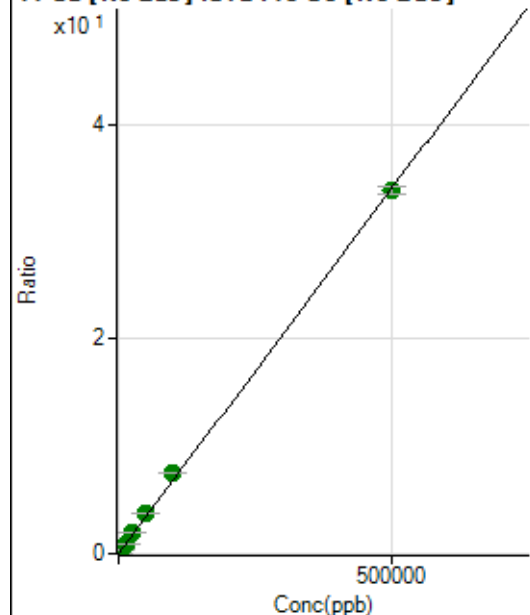
$$R = 0.9990$$

$$DL = 4.181$$

$$BEC = 10.08$$

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	26286.43	0.0072	P	3.4
2	☐	500.000	469.232	142674.70	0.0390	P	2.6
3	☐	5000.000	5652.754	1409195.17	0.3912	A	1.1
4	☐	12500.000	14056.292	3429391.75	0.9621	A	1.1
5	☐	25000.000	28519.146	6777295.04	1.9447	A	2.9
6	☐	50000.000	55322.946	12987066.20	3.7656	A	1.9
7	☐	100000.00	110255.16	25141870.46	7.4975	A	0.6
8	☐	500000.00	497195.31	106670878.4	33.7849	A	2.2

$$y = 6.7936\text{E-}005 * x + 0.0072$$

$$R = 0.9997$$

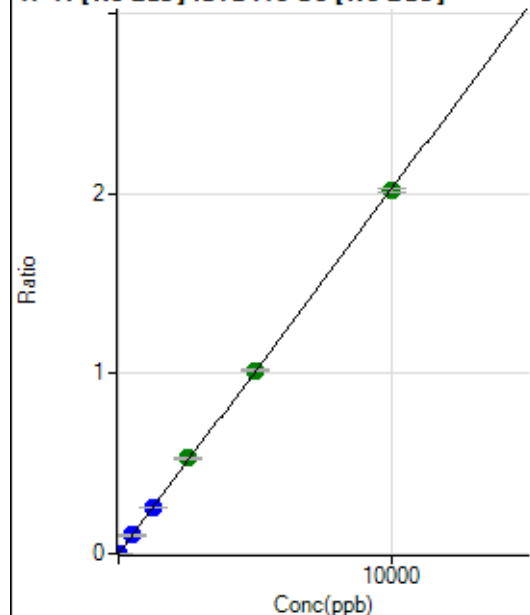
$$DL = 10.73$$

$$BEC = 105.6$$

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	77.78	0.0000	P	9.7
2	☐	5.000	4.652	3517.14	0.0010	P	1.2
3	☐	500.000	503.970	367390.40	0.1020	P	1.3
4	☐	1250.000	1265.085	912366.23	0.2560	P	2.0
5	☐	2500.000	2627.361	1853083.22	0.5316	A	2.1
6	☐	5000.000	5029.013	3509751.65	1.0176	A	1.5
7	☐	10000.000	9951.569	6751518.23	2.0136	A	1.2
8	☐			2055.73	0.0007	P	6.9

$$y = 2.0234\text{E-}004 * x + 2.1199\text{E-}005$$

$$R = 0.9999$$

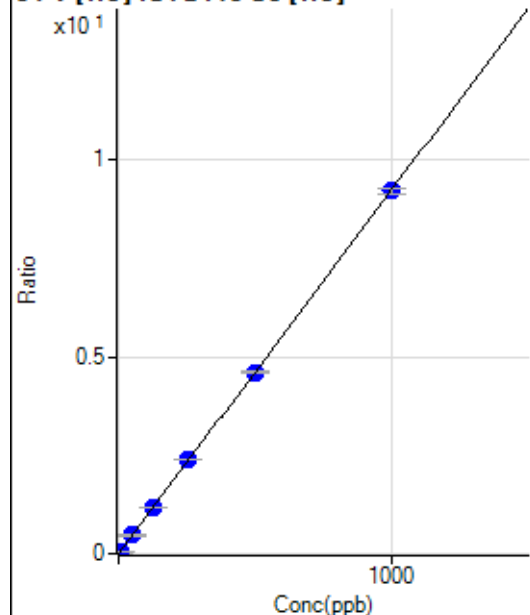
$$DL = 0.03056$$

$$BEC = 0.1048$$

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	10.00	0.0001	P	33.7
2	☐	5.000	4.748	5249.91	0.0439	P	7.7
3	☐	50.000	50.502	53316.66	0.4662	P	1.5
4	☐	125.000	126.581	131637.87	1.1683	P	0.5
5	☐	250.000	259.477	266115.86	2.3948	P	1.1
6	☐	500.000	498.918	498457.84	4.6046	P	1.6
7	☐	1000.000	997.950	983102.80	9.2102	P	1.4
8	☐			412.23	0.0039	P	9.9

$$y = 0.0092 * x + 8.3840\text{E-}005$$

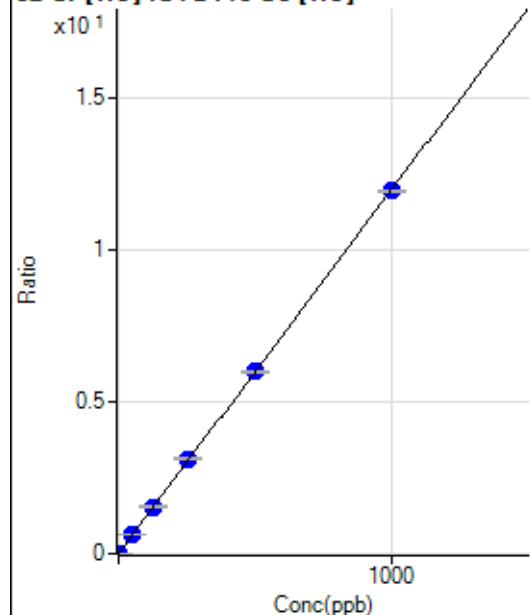
$$R = 0.9999$$

$$DL = 0.009181$$

$$BEC = 0.009084$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	784.48	0.0066	P	3.5
2	☐	2.000	1.919	3532.69	0.0295	P	0.4
3	☐	50.000	51.600	71333.53	0.6237	P	0.9
4	☐	125.000	128.357	173705.12	1.5417	P	1.2
5	☐	250.000	260.262	346613.45	3.1192	P	1.0
6	☐	500.000	500.096	648201.82	5.9875	P	0.9
7	☐	1000.000	996.887	1273417.97	11.9289	P	0.5
8	☐			8765.04	0.0828	P	1.4

$$y = 0.0120 * x + 0.0066$$

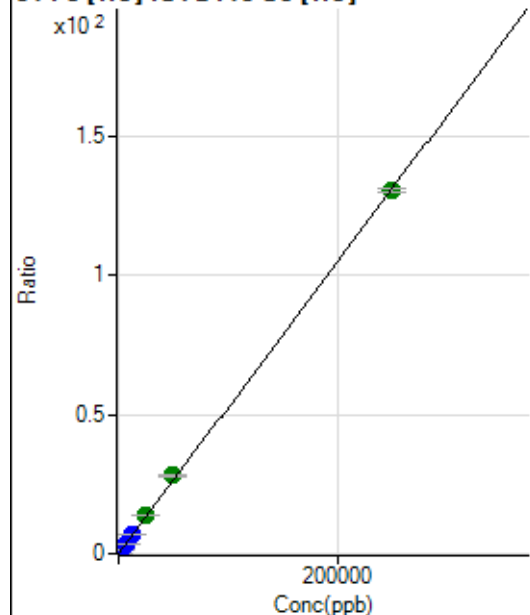
$$R = 0.9999$$

$$DL = 0.05813$$

$$BEC = 0.5497$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	241.12	0.0020	P	6.0
2	☐	50.000	51.612	3477.13	0.0291	P	1.3
3	☐	2500.000	2723.199	163433.21	1.4290	P	1.0
4	☐	6250.000	6838.609	403992.11	3.5855	P	0.7
5	☐	12500.000	13717.483	798986.59	7.1900	P	0.8
6	☐	25000.000	26612.586	1509757.91	13.9471	A	1.8
7	☐	50000.000	53524.292	2994218.46	28.0489	A	0.4
8	☐	250000.00	249056.06	13819261.74	130.5082	A	1.1

$$y = 5.2400E-004 * x + 0.0020$$

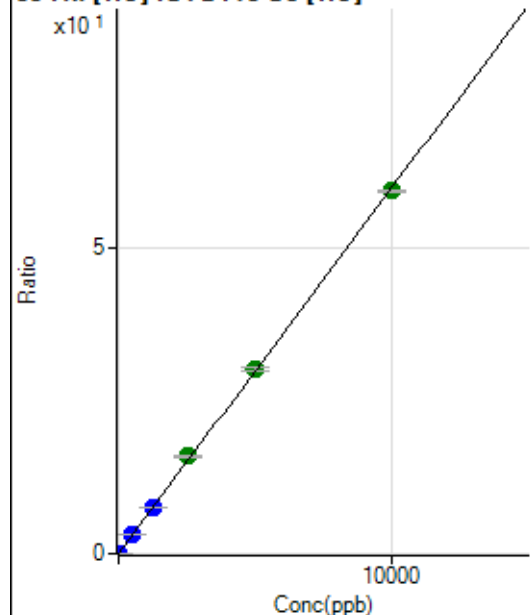
$$R = 0.9999$$

$$DL = 0.6987$$

$$BEC = 3.856$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0006	P	18.9
2	☐	1.000	0.881	701.14	0.0059	P	4.9
3	☐	500.000	509.508	347872.34	3.0419	P	1.9
4	☐	1250.000	1272.817	856111.46	7.5981	P	0.5
5	☐	2500.000	2661.390	1765506.07	15.8865	A	2.1
6	☐	5000.000	5058.939	3268736.86	30.1976	A	2.2
7	☐	10000.000	9926.856	6325386.02	59.2543	A	0.9
8	☐			6008.01	0.0567	P	3.4

$$y = 0.0060 * x + 6.0479E-004$$

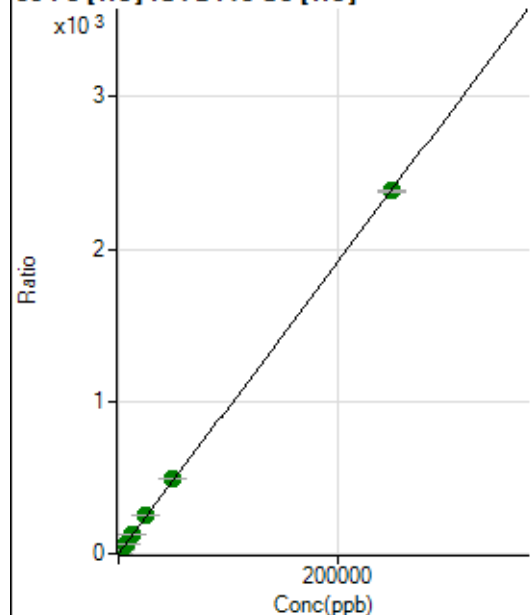
$$R = 0.9998$$

$$DL = 0.05733$$

$$BEC = 0.1013$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1425.64	0.0119	P	3.0
2	☐	50.000	49.172	57590.09	0.4814	P	1.2
3	☐	2500.000	2676.236	2923500.90	25.5618	A	1.0
4	☐	6250.000	6732.568	7243451.42	64.2872	A	1.2
5	☐	12500.000	13616.273	14446838.53	130.0054	A	0.8
6	☐	25000.000	25961.787	26836487.38	247.8670	A	0.2
7	☐	50000.000	51380.932	52363330.33	490.5416	A	0.8
8	☐	250000.00	249557.99	252285229.5	2.382.522	A	0.7

$$y = 0.0095 * x + 0.0119$$

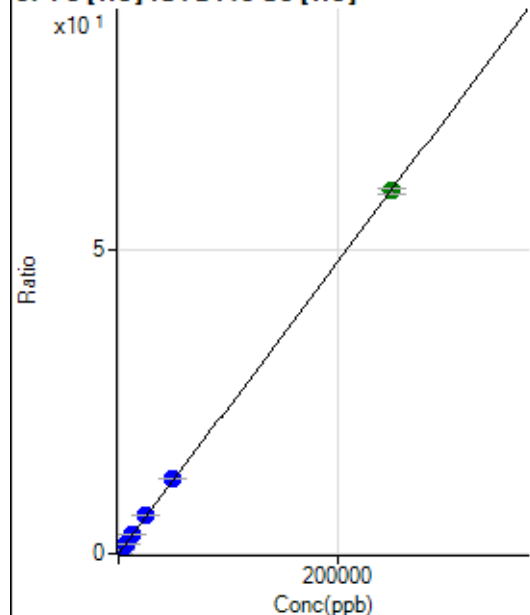
$$R = 1.0000$$

$$DL = 0.1124$$

$$BEC = 1.251$$

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	74.44	0.0006	P	25.1
2	☐	50.000	48.665	1466.76	0.0123	P	1.7
3	☐	2500.000	2666.648	72990.47	0.6382	P	1.9
4	☐	6250.000	6706.036	180739.45	1.6041	P	0.7
5	☐	12500.000	13421.196	356673.73	3.2097	P	1.2
6	☐	25000.000	26033.814	674009.47	6.2255	P	0.2
7	☐	50000.000	51651.809	1318376.27	12.3510	P	1.4
8	☐	250000.00	249507.13	6317054.21	59.6597	A	1.4

$$y = 2.3911\text{E-}004 * x + 6.2406\text{E-}004$$

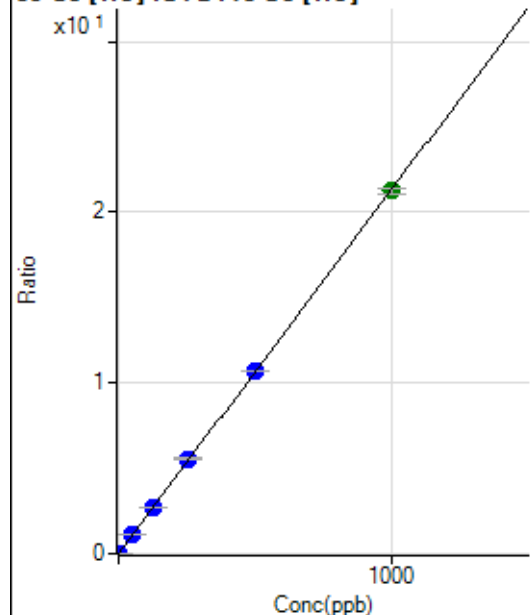
$$R = 1.0000$$

$$DL = 1.962$$

$$BEC = 2.61$$

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	56.67	0.0005	P	5.2
2	☐	1.000	1.007	2624.71	0.0219	P	0.6
3	☐	50.000	51.355	125241.16	1.0952	P	2.6
4	☐	125.000	129.039	309993.97	2.7512	P	0.4
5	☐	250.000	261.132	618653.38	5.5670	P	0.8
6	☐	500.000	500.106	1154247.09	10.6612	P	0.2
7	☐	1000.000	996.591	2267751.09	21.2448	A	1.3
8	☐			6118.05	0.0578	P	2.0

$$y = 0.0213 * x + 4.7467\text{E-}004$$

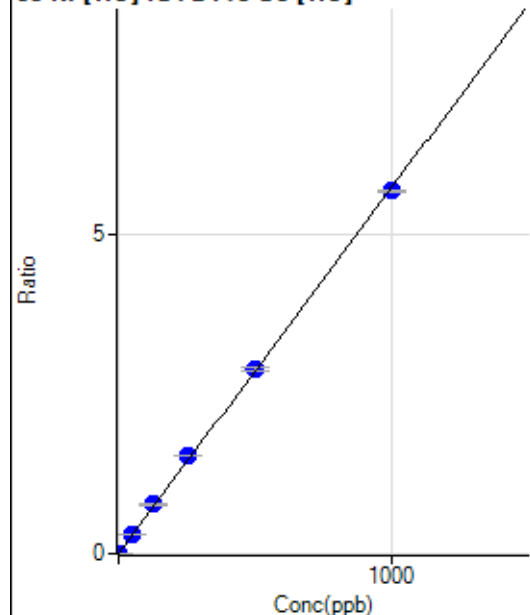
$$R = 0.9999$$

$$DL = 0.003487$$

$$BEC = 0.02227$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	62.22	0.0005	P	16.7
2	☐	1.000	0.966	724.47	0.0061	P	7.2
3	☐	50.000	53.999	35421.85	0.3097	P	2.0
4	☐	125.000	133.995	86515.56	0.7678	P	1.0
5	☐	250.000	267.293	170147.14	1.5311	P	0.6
6	☐	500.000	505.541	313406.42	2.8954	P	2.4
7	☐	1000.000	991.582	606175.44	5.6786	P	0.7
8	☐			3204.84	0.0303	P	2.7

$$y = 0.0057 * x + 5.2099E-004$$

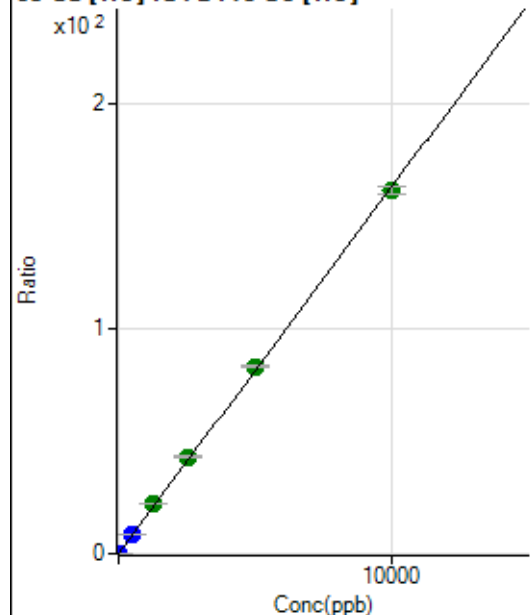
$$R = 0.9998$$

$$DL = 0.04551$$

$$BEC = 0.09098$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	552.24	0.0046	P	3.3
2	☐	2.000	1.919	4287.36	0.0358	P	4.5
3	☐	500.000	534.647	995394.98	8.7037	P	1.8
4	☐	1250.000	1352.588	2480200.52	22.0121	A	0.7
5	☐	2500.000	2645.257	4783413.78	43.0447	A	0.7
6	☐	5000.000	5102.606	8987942.99	83.0275	A	1.4
7	☐	10000.000	9897.827	17189311.41	161.0489	A	2.2
8	☐			7812.27	0.0738	P	1.0

$$y = 0.0163 * x + 0.0046$$

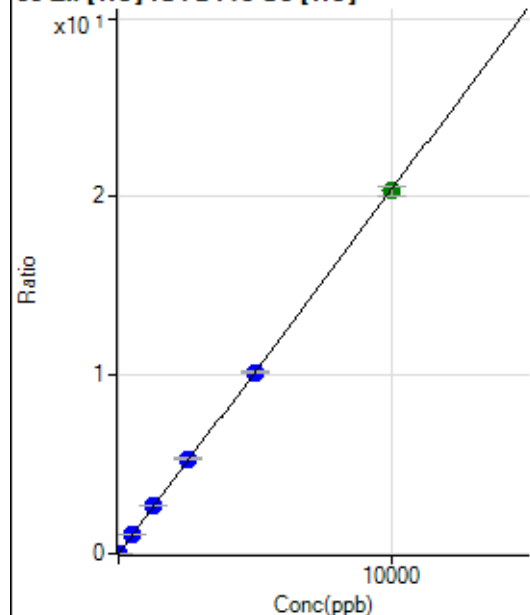
$$R = 0.9998$$

$$DL = 0.02786$$

$$BEC = 0.2843$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.00	0.0010	P	25.2
2	☐	2.000	4.482	1213.40	0.0101	P	1.9
3	☐	500.000	536.758	125286.28	1.0955	P	1.5
4	☐	1250.000	1308.028	300641.61	2.6682	P	0.6
5	☐	2500.000	2613.936	592396.95	5.3310	P	1.2
6	☐	5000.000	4989.695	1101555.45	10.1754	P	1.1
7	☐	10000.000	9967.576	2169432.00	20.3257	A	2.6
8	☐			6349.25	0.0600	P	3.2

$$y = 0.0020 * x + 0.0010$$

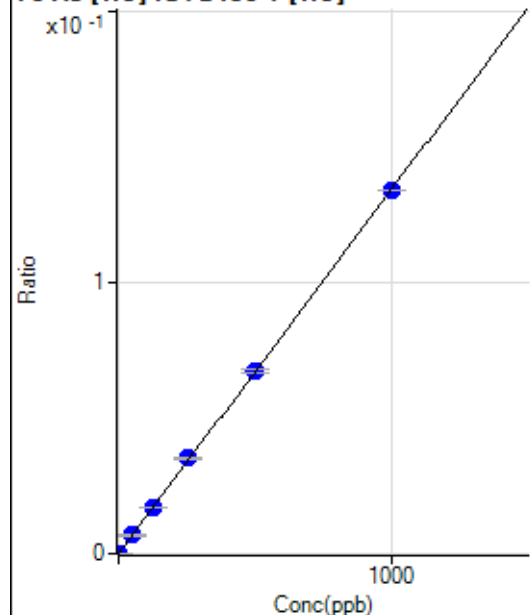
$$R = 0.9999$$

$$DL = 0.372$$

$$BEC = 0.4929$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	0.962	123.34	0.0001	P	16.7
3	☐	50.000	51.014	6244.77	0.0068	P	3.6
4	☐	125.000	125.632	15230.58	0.0169	P	1.1
5	☐	250.000	261.836	30666.78	0.0351	P	1.6
6	☐	500.000	501.528	57275.96	0.0673	P	1.3
7	☐	1000.000	996.147	111338.53	0.1336	P	0.1
8	☐			85.56	0.0001	P	14.1

$$y = 1.3412E-004 * x + 2.3608E-006$$

$$R = 0.9999$$

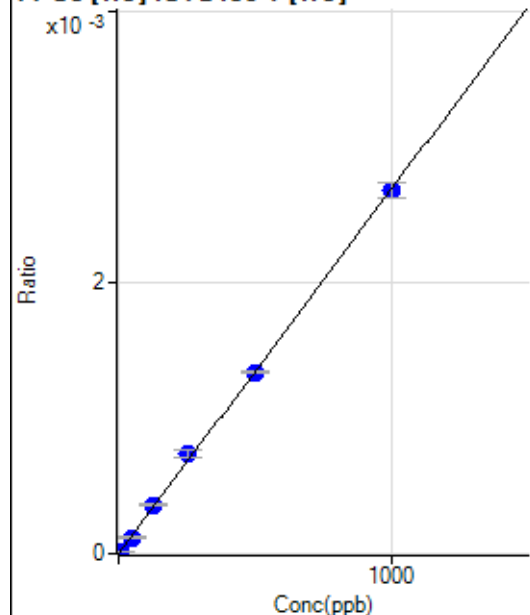
$$DL = 0.04574$$

$$BEC = 0.0176$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.596	16.67	0.0000	P	0.6
3	☐	50.000	44.358	108.89	0.0001	P	14.1
4	☐	125.000	134.283	326.67	0.0004	P	5.7
5	☐	250.000	275.104	646.69	0.0007	P	7.5
6	☐	500.000	496.028	1136.72	0.0013	P	1.2
7	☐	1000.000	994.824	2231.31	0.0027	P	4.4
8	☐			20.00	0.0000	P	60.2

$$y = 2.6912\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

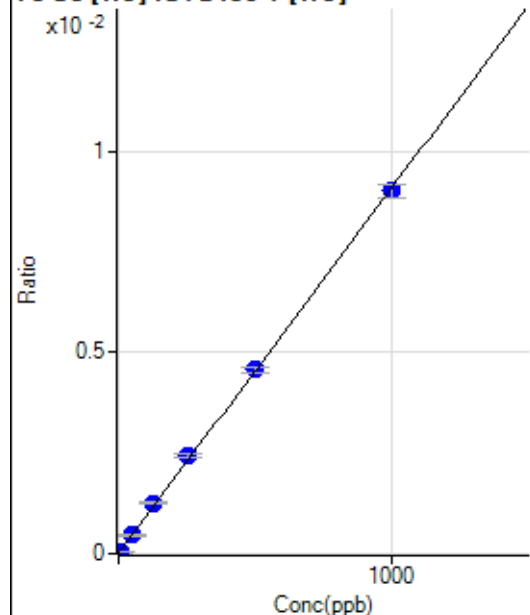
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.89	0.0000	P	108.9
2	☐	5.000	6.002	60.00	0.0001	P	14.2
3	☐	50.000	51.109	431.12	0.0005	P	9.4
4	☐	125.000	137.221	1132.28	0.0013	P	3.0
5	☐	250.000	267.519	2124.63	0.0024	P	2.5
6	☐	500.000	502.175	3881.68	0.0046	P	2.2
7	☐	1000.000	992.945	7505.40	0.0090	P	3.7
8	☐			64.45	0.0001	P	24.3

$$y = 9.0602\text{E-}006 * x + 9.4831\text{E-}006$$

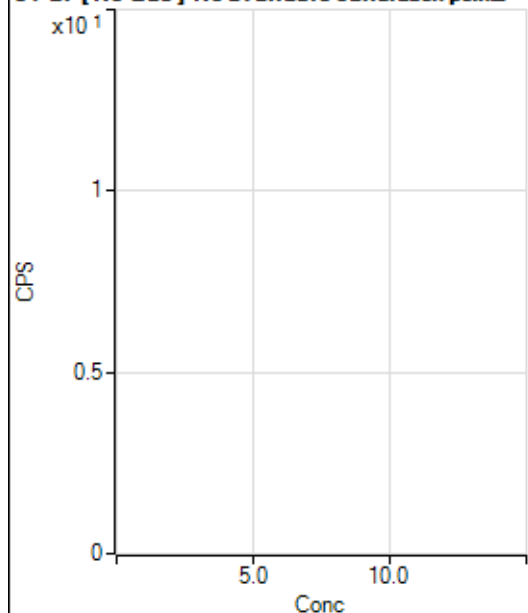
$$R = 0.9998$$

$$DL = 3.42$$

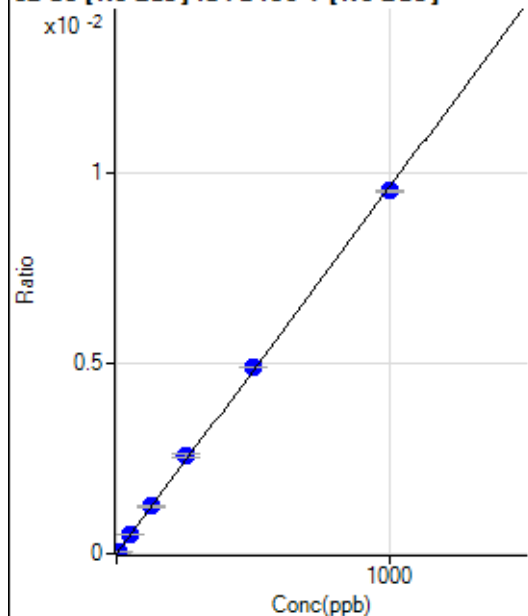
$$BEC = 1.047$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1865.70		P	9.6
2	☐			1951.27		P	1.0
3	☐			1800.14		P	2.9
4	☐			1752.35		P	3.5
5	☐			1742.35		P	10.4
6	☐			1691.23		P	3.1
7	☐			1712.34		P	2.1
8	☐			5088.77		P	16.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-22.22	0.0000	P	-154.
2	☐	5.000	5.606	470.02	0.0001	P	8.8
3	☐	50.000	52.548	4508.61	0.0005	P	1.2
4	☐	125.000	130.520	11340.37	0.0013	P	3.6
5	☐	250.000	266.958	22842.36	0.0026	P	3.9
6	☐	500.000	509.300	42760.24	0.0049	P	0.6
7	☐	1000.000	990.290	81318.40	0.0095	P	0.6
8	☐			388.91	0.0000	P	14.9

$$y = 9.6062E-006 * x - 2.4196E-006$$

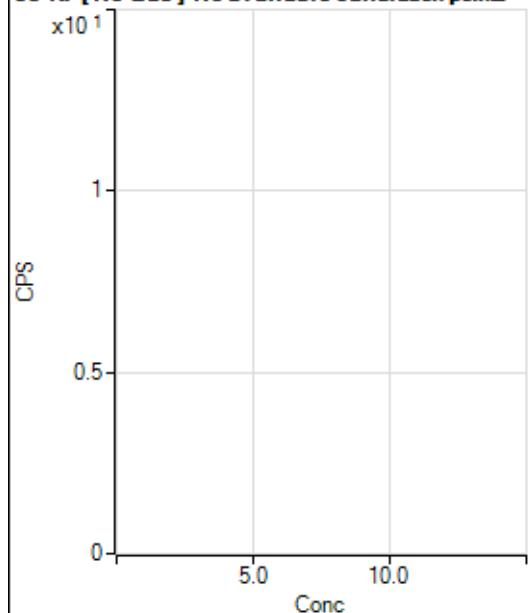
$$R = 0.9998$$

$$DL = 1.164$$

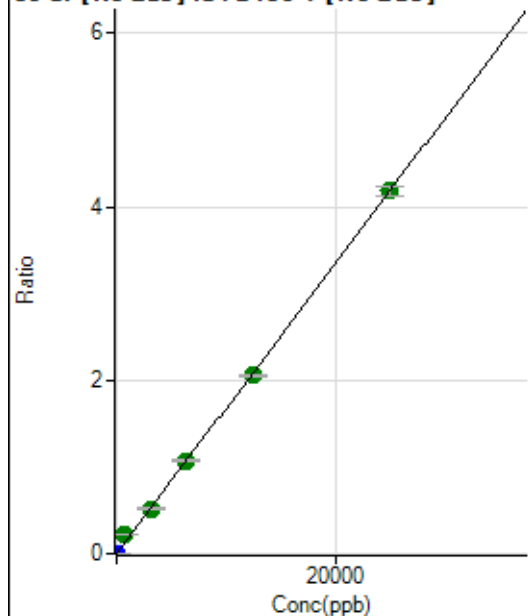
$$BEC = -0.2519$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			186.67		P	24.5
2	☐			184.45		P	5.2
3	☐			185.56		P	24.5
4	☐			158.89		P	12.1
5	☐			188.89		P	17.7
6	☐			185.56		P	5.8
7	☐			153.33		P	7.5
8	☐			208.89		P	13.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	365.56	0.0000	P	10.1
2	☐	1.000	0.943	1803.47	0.0002	P	2.1
3	☐	625.000	1270.434	1905447.32	0.2123	A	0.3
4	☐	3125.000	3087.562	4676177.05	0.5159	A	2.8
5	☐	6250.000	6392.088	9524016.94	1.0681	A	1.6
6	☐	12500.000	12331.536	18017215.56	2.0605	A	1.1
7	☐	25000.000	25037.254	35762428.63	4.1834	A	2.4
8	☐			8118.21	0.0010	P	14.6

$$y = 1.6709E-004 * x + 3.9629E-005$$

$$R = 0.9996$$

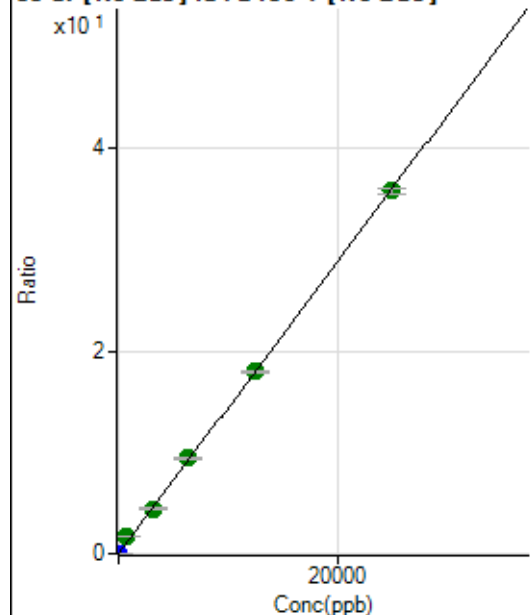
$$DL = 0.0721$$

$$BEC = 0.2372$$

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	516.68	0.0001	P	8.8
2	☐	1.000	0.953	13047.29	0.0014	P	2.0
3	☐	625.000	1232.944	15912746.99	1.7731	A	1.6
4	☐	3125.000	3093.352	40320882.45	4.4484	A	1.1
5	☐	6250.000	6551.336	84004314.31	9.4212	A	2.1
6	☐	12500.000	12517.601	157412017.6	18.0009	A	1.1
7	☐	25000.000	24904.623	306191415.4	35.8140	A	1.5
8	☐			70957.74	0.0088	P	15.8

$$y = 0.0014 * x + 5.6007E-005$$

$$R = 0.9997$$

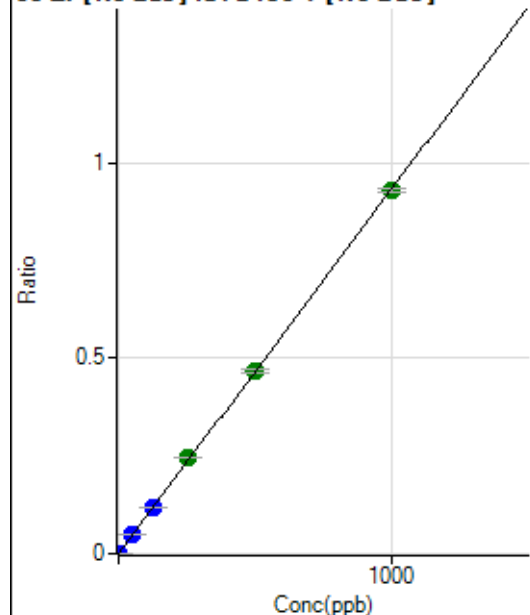
$$DL = 0.01032$$

$$BEC = 0.03895$$

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	320.01	0.0000	P	14.6
2	☐	1.000	0.923	8191.37	0.0009	P	3.3
3	☐	50.000	50.541	423607.15	0.0472	P	0.5
4	☐	125.000	125.835	1064753.45	0.1175	P	1.0
5	☐	250.000	262.245	2182956.30	0.2448	A	0.3
6	☐	500.000	502.635	4101785.15	0.4691	A	1.9
7	☐	1000.000	995.490	7943479.19	0.9290	A	1.0
8	☐			4543.01	0.0006	P	9.0

$$y = 9.3321E-004 * x + 3.4683E-005$$

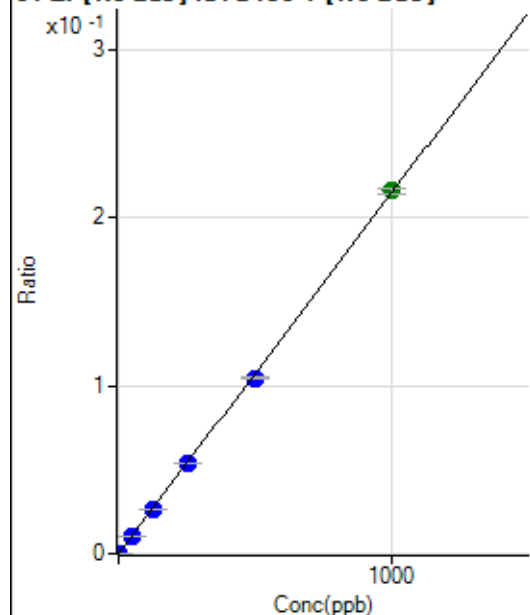
$$R = 0.9999$$

$$DL = 0.01625$$

$$BEC = 0.03717$$

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	61.11	0.0000	P	20.9
2	☐	1.000	0.893	1812.36	0.0002	P	2.1
3	☐	50.000	49.285	94961.05	0.0106	P	0.9
4	☐	125.000	122.286	237875.95	0.0262	P	1.3
5	☐	250.000	252.264	482787.71	0.0541	P	0.5
6	☐	500.000	487.357	914453.93	0.1046	P	0.5
7	☐	1000.000	1006.131	1846198.77	0.2159	A	1.7
8	☐			966.71	0.0001	P	7.3

$$y = 2.1456\text{E-}004 * x + 6.6258\text{E-}006$$

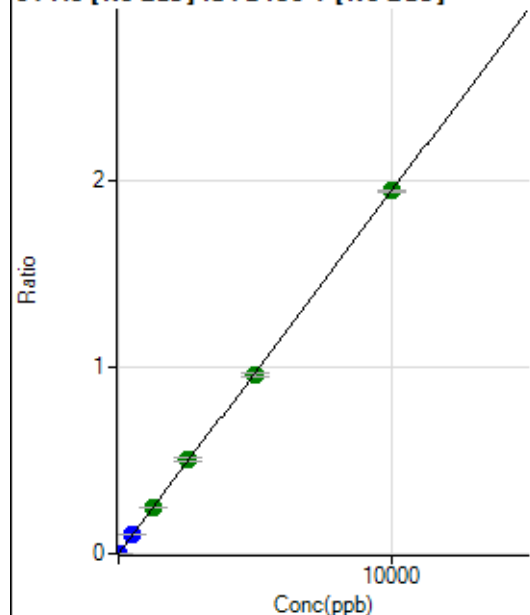
$$R = 0.9999$$

$$DL = 0.01937$$

$$BEC = 0.03088$$

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	108.89	0.0000	P	2.1
2	☐	5.000	5.547	9965.87	0.0011	P	0.4
3	☐	500.000	510.433	890523.94	0.0992	P	0.8
4	☐	1250.000	1264.370	2227636.62	0.2458	A	1.7
5	☐	2500.000	2601.943	4509217.92	0.5058	A	2.9
6	☐	5000.000	4937.491	8392948.28	0.9598	A	1.4
7	☐	10000.000	10003.451	16627663.22	1.9445	A	0.7
8	☐			5818.03	0.0007	P	7.6

$$y = 1.9438\text{E-}004 * x + 1.1802\text{E-}005$$

$$R = 0.9999$$

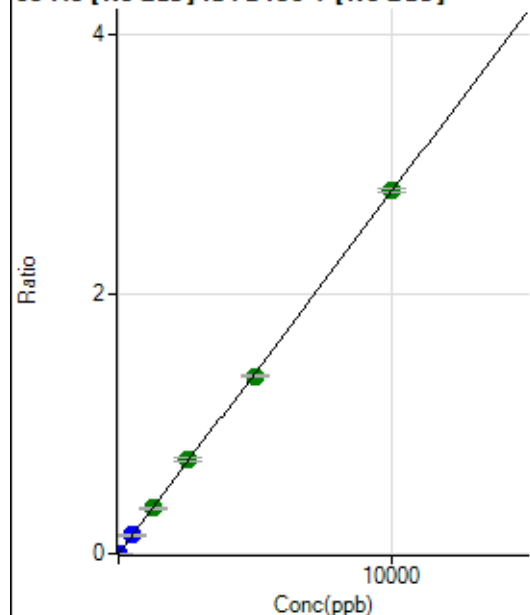
$$DL = 0.003759$$

$$BEC = 0.06071$$

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	33.34	0.0000	P	34.4
2	☐	5.000	4.779	12237.73	0.0013	P	3.1
3	☐	500.000	504.794	1265650.20	0.1410	P	0.5
4	☐	1250.000	1259.141	3188770.79	0.3518	A	2.0
5	☐	2500.000	2591.320	6454382.68	0.7239	A	3.2
6	☐	5000.000	4911.099	11997811.77	1.3720	A	0.8
7	☐	10000.000	10020.239	23939885.20	2.7993	A	1.2
8	☐			7053.06	0.0009	P	2.5

$$y = 2.7937\text{E-}004 * x + 3.6112\text{E-}006$$

$$R = 0.9999$$

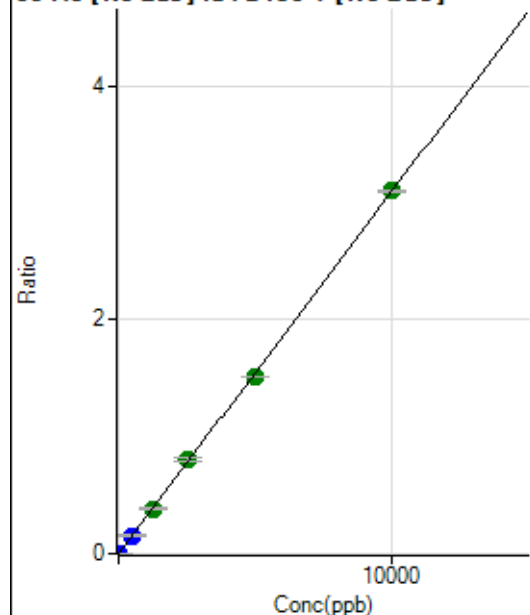
$$DL = 0.01334$$

$$BEC = 0.01293$$

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	126.67	0.0000	P	24.8
2	☐	5.000	4.706	13441.07	0.0015	P	3.4
3	☐	500.000	500.523	1390322.46	0.1549	P	1.8
4	☐	1250.000	1241.150	3482585.78	0.3842	A	2.3
5	☐	2500.000	2596.572	7164736.84	0.8037	A	3.5
6	☐	5000.000	4891.675	13239755.63	1.5141	A	0.4
7	☐	10000.000	10031.100	26550489.88	3.1048	A	0.8
8	☐			7962.47	0.0010	P	11.8

$$y = 3.0952\text{E-}004 * x + 1.3722\text{E-}005$$

$$R = 0.9999$$

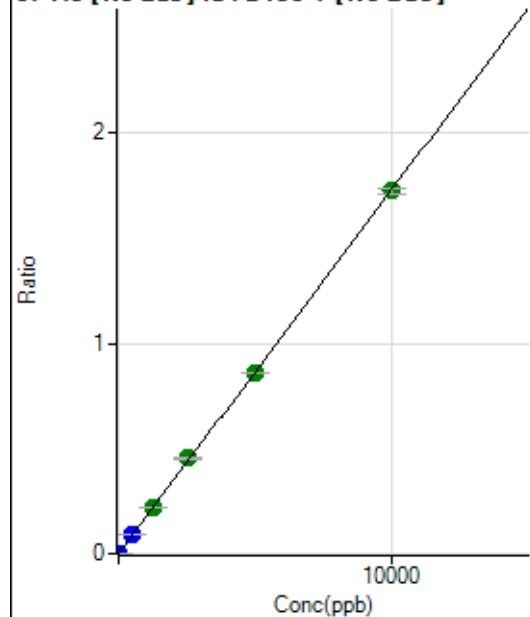
$$DL = 0.03299$$

$$BEC = 0.04433$$

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	18.89	0.0000	P	130.3
2	☐	5.000	4.772	7557.67	0.0008	P	1.0
3	☐	500.000	510.704	792075.01	0.0883	P	1.3
4	☐	1250.000	1270.236	1989819.78	0.2195	A	1.4
5	☐	2500.000	2617.722	4032741.05	0.4524	A	3.9
6	☐	5000.000	4981.797	7528554.40	0.8609	A	0.2
7	☐	10000.000	9976.606	14740092.00	1.7241	A	1.8
8	☐			4335.26	0.0005	P	12.3

$$y = 1.7282\text{E-}004 * x + 2.0557\text{E-}006$$

$$R = 0.9999$$

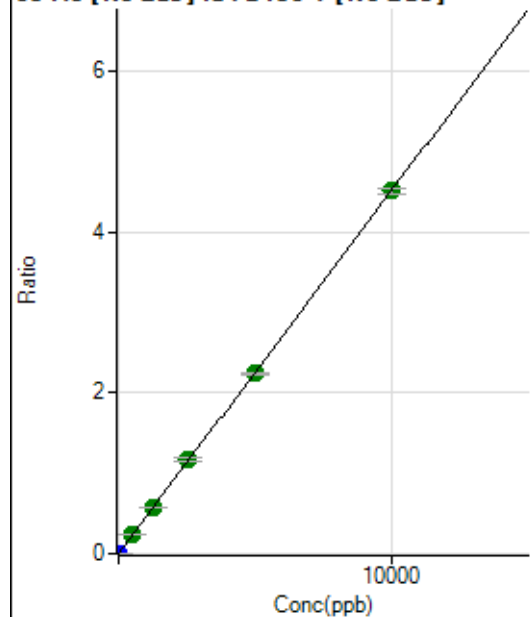
$$DL = 0.04651$$

$$BEC = 0.0119$$

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	70.00	0.0000	P	21.0
2	☐	5.000	4.625	19166.65	0.0021	P	0.6
3	☐	500.000	508.255	2060064.34	0.2295	A	0.5
4	☐	1250.000	1274.200	5215839.82	0.5755	A	2.4
5	☐	2500.000	2592.259	10437639.64	1.1707	A	2.7
6	☐	5000.000	4957.787	19579691.51	2.2390	A	1.3
7	☐	10000.000	9994.604	38590841.65	4.5137	A	1.3
8	☐			11075.86	0.0014	P	8.9

$$y = 4.5161\text{E-}004 * x + 7.5893\text{E-}006$$

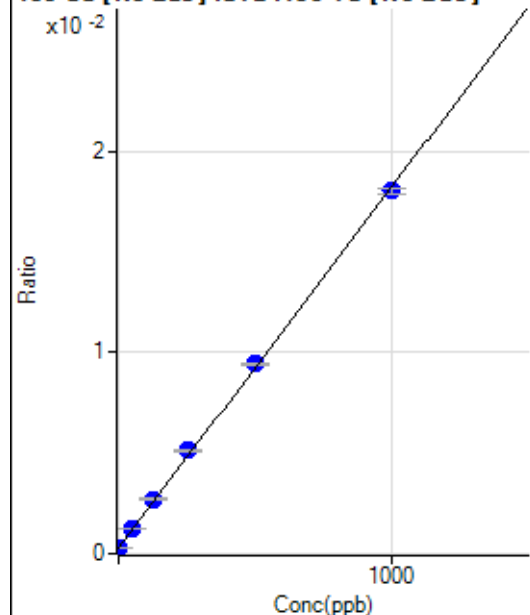
$$R = 0.9999$$

$$DL = 0.01059$$

$$BEC = 0.0168$$

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	2290.22	0.0003	P	4.3
2	☐	1.000	1.197	2458.03	0.0003	P	2.1
3	☐	50.000	52.417	9478.90	0.0012	P	1.7
4	☐	125.000	135.208	20416.35	0.0027	P	2.0
5	☐	250.000	270.279	38974.99	0.0051	P	1.7
6	☐	500.000	508.799	70778.26	0.0094	P	0.7
7	☐	1000.000	989.134	133922.82	0.0180	P	1.7
8	☐			2287.99	0.0003	P	6.6

$$y = 1.7913\text{E-}005 * x + 2.9773\text{E-}004$$

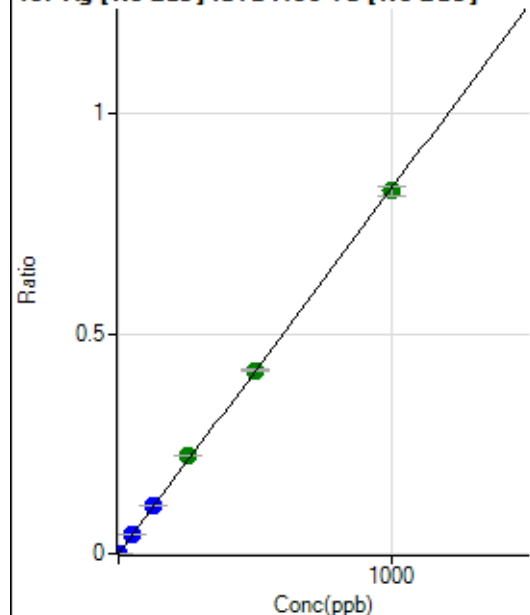
$$R = 0.9997$$

$$DL = 2.154$$

$$BEC = 16.62$$

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	163.33	0.0000	P	46.5
2	☐	1.000	0.925	6081.39	0.0008	P	0.7
3	☐	50.000	51.698	329212.26	0.0430	P	0.6
4	☐	125.000	130.412	813133.14	0.1083	P	1.0
5	☐	250.000	268.051	1688397.44	0.2226	A	1.0
6	☐	500.000	502.695	3139288.46	0.4175	A	1.5
7	☐	1000.000	993.378	6131463.73	0.8250	A	2.6
8	☐			1168.96	0.0002	P	10.6

$$y = 8.3043\text{E-}004 * x + 2.1287\text{E-}005$$

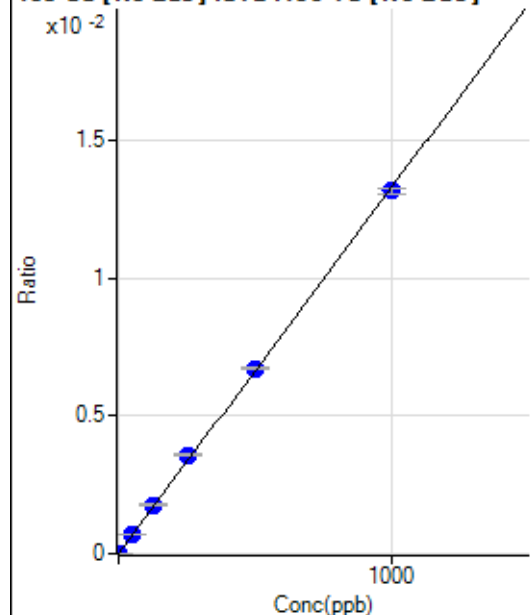
$$R = 0.9998$$

$$DL = 0.03574$$

$$BEC = 0.02563$$

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	4.44	0.0000	P	115.4
2	☐	1.000	0.813	87.78	0.0000	P	16.3
3	☐	50.000	52.763	5369.99	0.0007	P	3.2
4	☐	125.000	132.391	13189.76	0.0018	P	2.9
5	☐	250.000	268.513	27023.24	0.0036	P	1.8
6	☐	500.000	506.295	50521.12	0.0067	P	1.4
7	☐	1000.000	991.162	97765.10	0.0132	P	1.8
8	☐			141.11	0.0000	P	29.3

$$y = 1.3269\text{E-}005 * x + 5.7950\text{E-}007$$

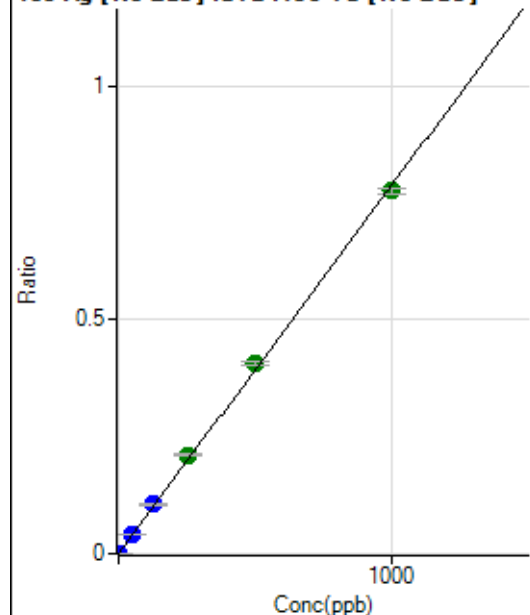
$$R = 0.9998$$

$$DL = 0.1512$$

$$BEC = 0.04367$$

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	78.89	0.0000	P	78.9
2	☐	1.000	0.934	5736.81	0.0007	P	3.6
3	☐	50.000	52.469	316454.98	0.0413	P	1.9
4	☐	125.000	133.369	787707.98	0.1049	P	1.6
5	☐	250.000	267.638	1596866.40	0.2106	A	2.0
6	☐	500.000	517.399	3061032.73	0.4071	A	1.6
7	☐	1000.000	985.722	5764801.30	0.7755	A	1.6
8	☐			1127.84	0.0002	P	2.4

$$y = 7.8676\text{E-}004 * x + 1.0281\text{E-}005$$

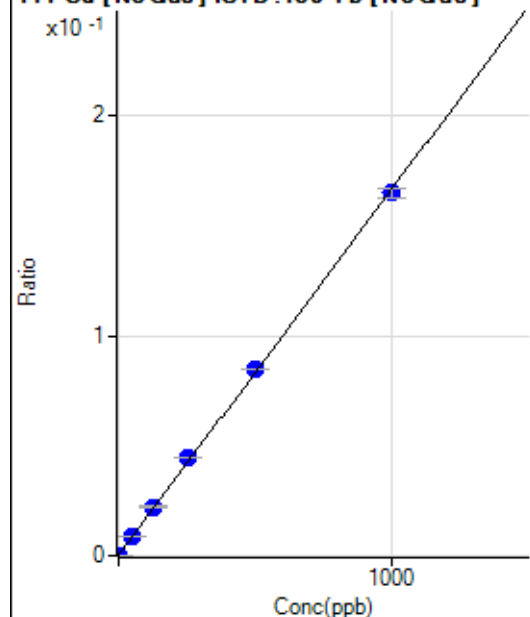
$$R = 0.9996$$

$$DL = 0.03091$$

$$BEC = 0.01307$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1614.49	0.0002	P	5.0
2	☐	1.000	1.032	2937.03	0.0004	P	4.4
3	☐	50.000	51.979	67858.93	0.0089	P	1.4
4	☐	125.000	132.204	166613.31	0.0222	P	1.2
5	☐	250.000	266.338	337521.02	0.0445	P	0.8
6	☐	500.000	508.010	636893.00	0.0847	P	0.5
7	☐	1000.000	990.911	1226343.90	0.1650	P	2.4
8	☐			2410.63	0.0003	P	11.3

$$y = 1.6630\text{E-}004 * x + 2.0988\text{E-}004$$

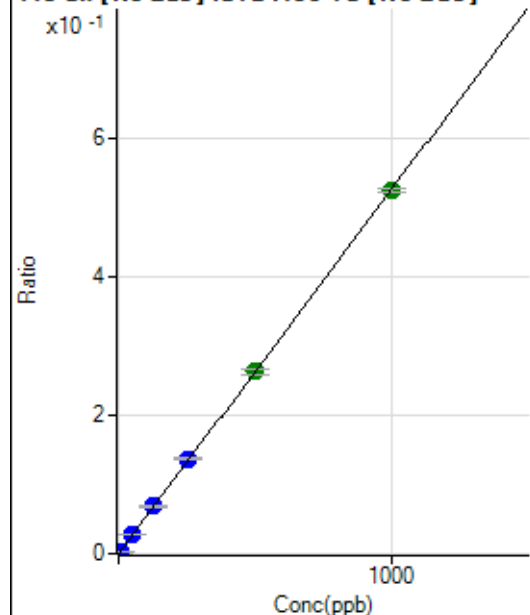
$$R = 0.9998$$

$$DL = 0.1875$$

$$BEC = 1.262$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	668.91	0.0001	P	15.6
2	☐	5.000	4.839	20298.48	0.0026	P	0.9
3	☐	50.000	50.753	205536.88	0.0268	P	0.7
4	☐	125.000	130.538	516675.46	0.0688	P	2.3
5	☐	250.000	260.578	1041298.56	0.1373	P	2.6
6	☐	500.000	500.721	1983525.32	0.2638	A	3.2
7	☐	1000.000	996.266	3901201.44	0.5248	A	1.2
8	☐			4055.09	0.0006	P	5.1

$$y = 5.2666\text{E-}004 * x + 8.7053\text{E-}005$$

$$R = 0.9999$$

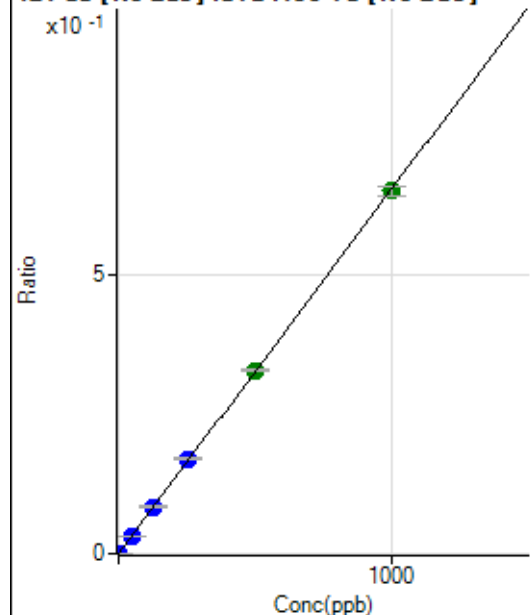
$$DL = 0.07753$$

$$BEC = 0.1653$$

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	36.67	0.0000	P	44.5
2	☐	2.000	1.861	9431.10	0.0012	P	0.8
3	☐	50.000	49.590	249113.93	0.0325	P	0.7
4	☐	125.000	129.013	634701.09	0.0845	P	0.8
5	☐	250.000	260.147	1292905.89	0.1705	P	1.4
6	☐	500.000	502.474	2476140.80	0.3293	A	0.9
7	☐	1000.000	995.745	4850570.38	0.6525	A	2.6
8	☐			5283.31	0.0007	P	10.7

$$y = 6.5531\text{E-}004 * x + 4.7519\text{E-}006$$

$$R = 0.9999$$

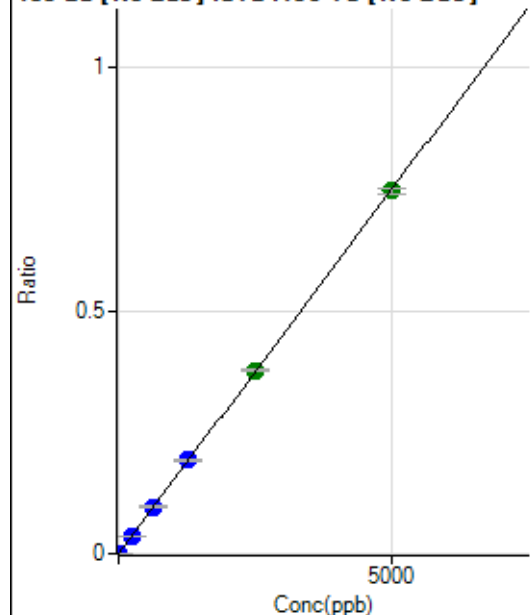
$$DL = 0.009671$$

$$BEC = 0.007251$$

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	51.11	0.0000	P	12.7
2	☐	10.000	9.230	10690.96	0.0014	P	1.6
3	☐	250.000	250.205	287093.02	0.0375	P	0.1
4	☐	625.000	644.079	723712.91	0.0964	P	1.7
5	☐	1250.000	1285.446	1459168.85	0.1924	P	1.8
6	☐	2500.000	2510.856	2826203.29	0.3758	A	1.1
7	☐	5000.000	4983.317	5544438.88	0.7459	A	1.9
8	☐			3749.45	0.0005	P	8.5

$$y = 1.4968\text{E-}004 * x + 6.6393\text{E-}006$$

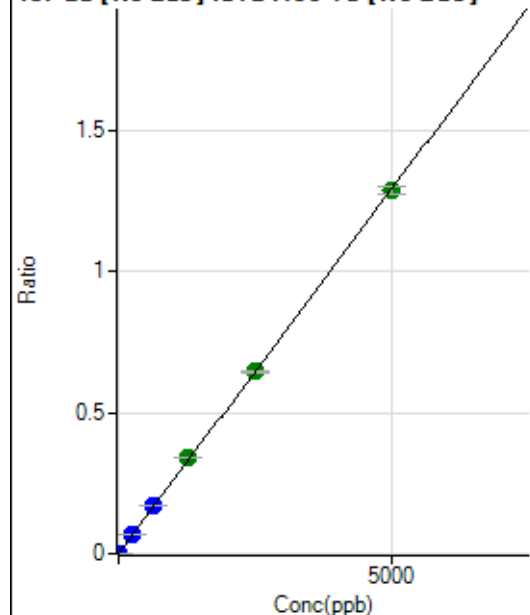
$$R = 1.0000$$

$$DL = 0.01694$$

$$BEC = 0.04436$$

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	51.11	0.0000	P	6.9
2	☐	10.000	9.584	19128.06	0.0025	P	2.8
3	☐	250.000	256.856	508945.68	0.0664	P	0.5
4	☐	625.000	652.851	1266844.58	0.1688	P	1.3
5	☐	1250.000	1315.717	2580127.34	0.3401	A	1.1
6	☐	2500.000	2503.539	4866507.63	0.6472	A	0.9
7	☐	5000.000	4977.978	9564406.11	1.2868	A	2.2
8	☐			6606.16	0.0009	P	6.6

$$y = 2.5849E-004 * x + 6.6423E-006$$

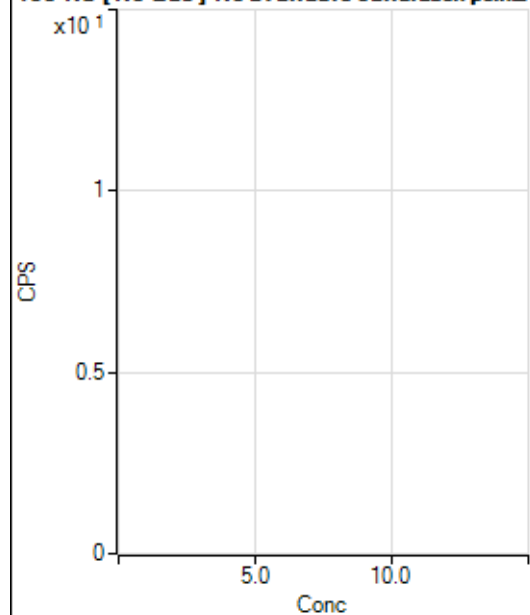
$$R = 0.9999$$

$$DL = 0.005309$$

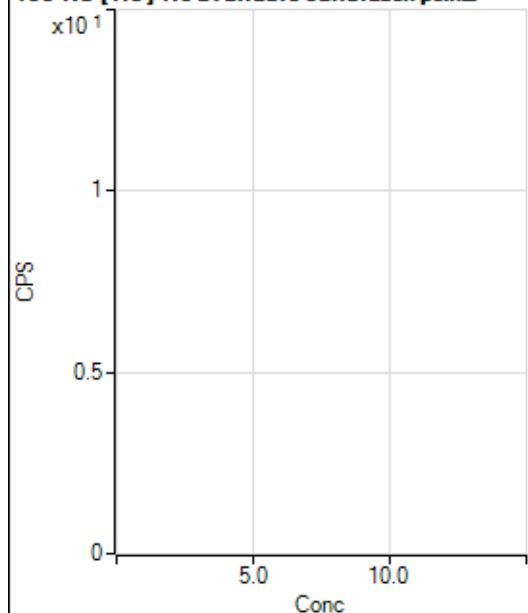
$$BEC = 0.0257$$

Weight: <None>

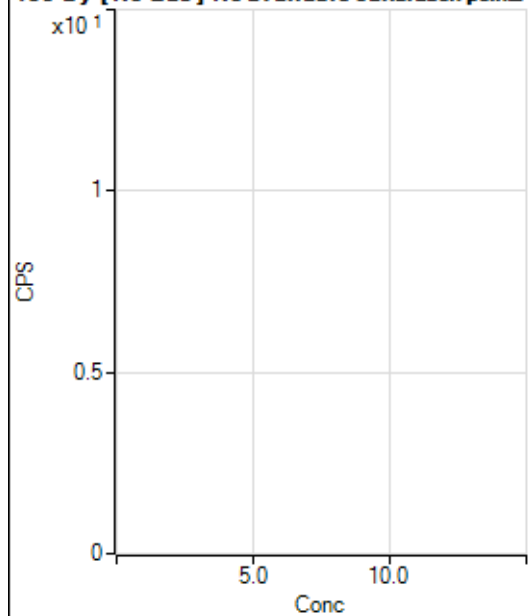
Min Conc: 0

150 Nd [No Gas] No available calibration points

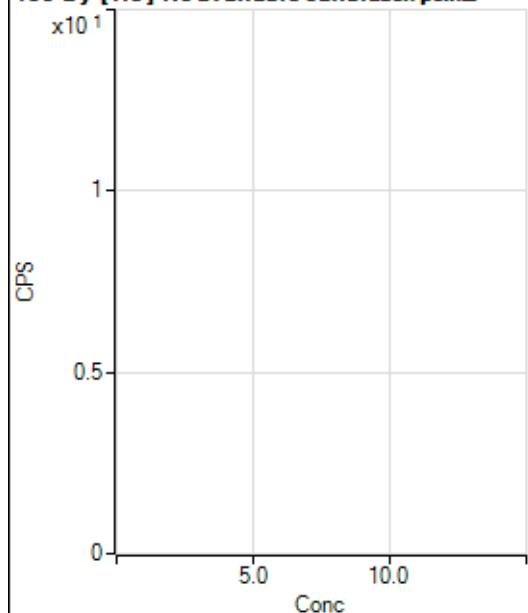
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	60.3
2	☐			14.44		P	35.3
3	☐			31.11		P	6.2
4	☐			46.67		P	14.3
5	☐			111.11		P	4.6
6	☐			156.67		P	15.3
7	☐			295.56		P	2.6
8	☐			190.00		P	10.7

150 Nd [He] No available calibration points

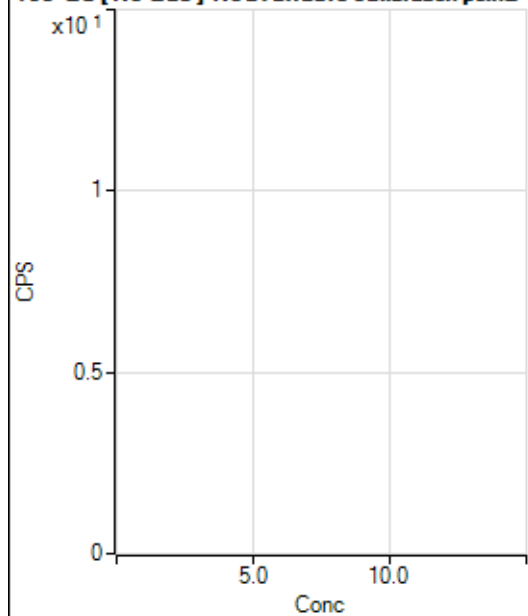
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			3.33		P	0.0
4	☐			4.45		P	86.6
5	☐			7.78		P	65.5
6	☐			11.11		P	17.3
7	☐			38.89		P	21.6
8	☐			52.22		P	42.5

156 Dy [No Gas] No available calibration points

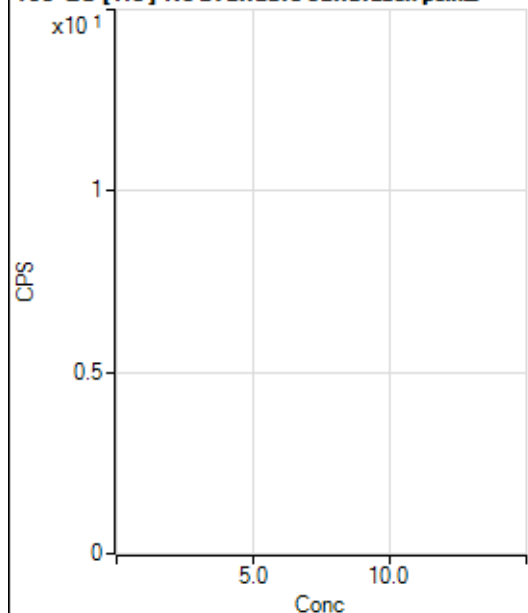
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			2.22		P	86.6
3	☐			14.45		P	26.7
4	☐			61.11		P	26.9
5	☐			93.34		P	21.7
6	☐			154.45		P	5.0
7	☐			343.34		P	5.4
8	☐			1126.73		P	9.2

156 Dy [He] No available calibration points

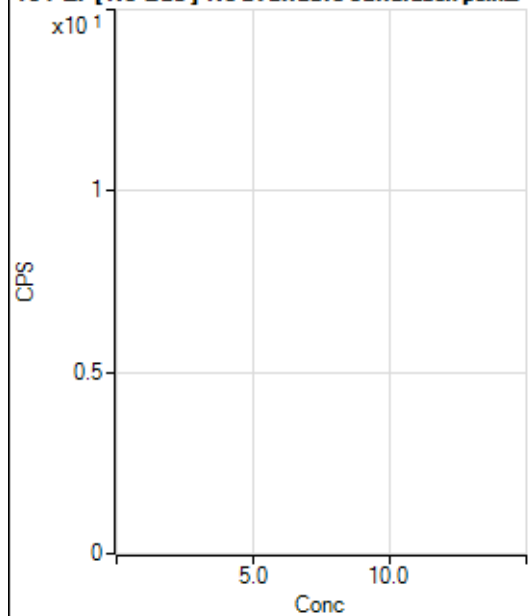
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			1.11		P	173.2
3	☐			12.22		P	78.7
4	☐			16.67		P	40.0
5	☐			52.22		P	51.2
6	☐			81.11		P	22.6
7	☐			175.56		P	8.6
8	☐			508.90		P	5.9

160 Gd [No Gas] Noavailable calibration poin_

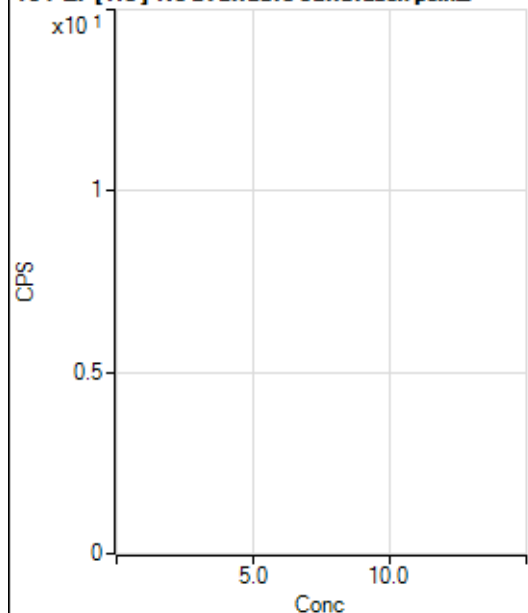
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	4.2
2	☐			40.00		P	14.4
3	☐			67.78		P	7.5
4	☐			85.56		P	14.7
5	☐			118.89		P	8.6
6	☐			182.23		P	14.9
7	☐			331.12		P	2.5
8	☐			1250.07		P	1.0

160 Gd [He] No available calibration points

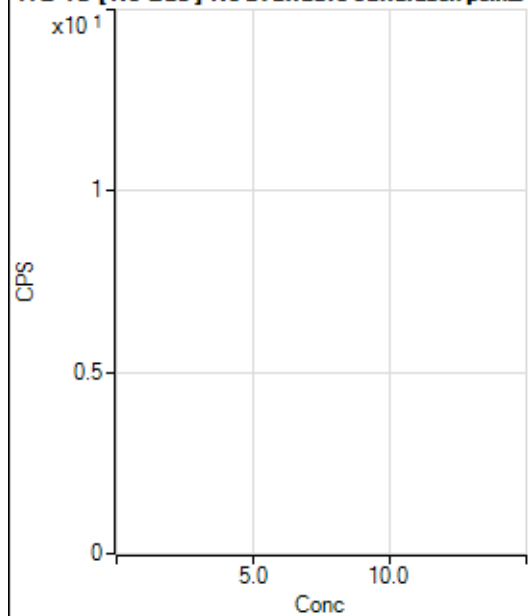
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			95.56		P	31.3
2	☐			96.67		P	27.4
3	☐			115.56		P	17.4
4	☐			105.56		P	15.6
5	☐			134.45		P	5.2
6	☐			160.00		P	2.1
7	☐			233.34		P	13.1
8	☐			648.91		P	7.0

164 Er [No Gas] No available calibration points

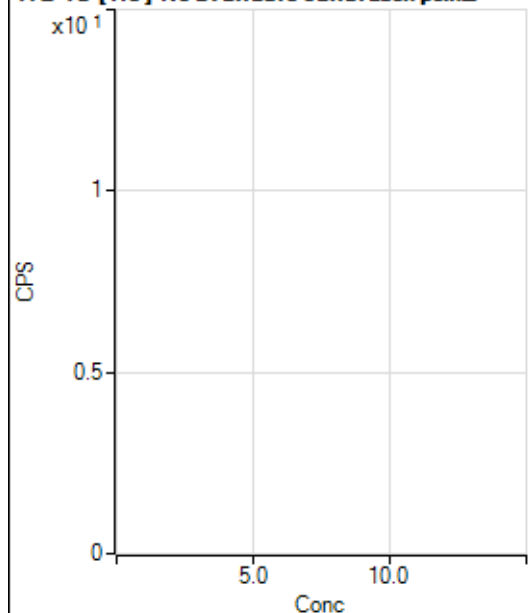
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	26.7
2	☐			56.67		P	35.8
3	☐			62.22		P	12.4
4	☐			58.89		P	23.6
5	☐			77.78		P	51.8
6	☐			62.22		P	13.5
7	☐			115.56		P	21.3
8	☐			182.23		P	8.4

164 Er [He] No available calibration points

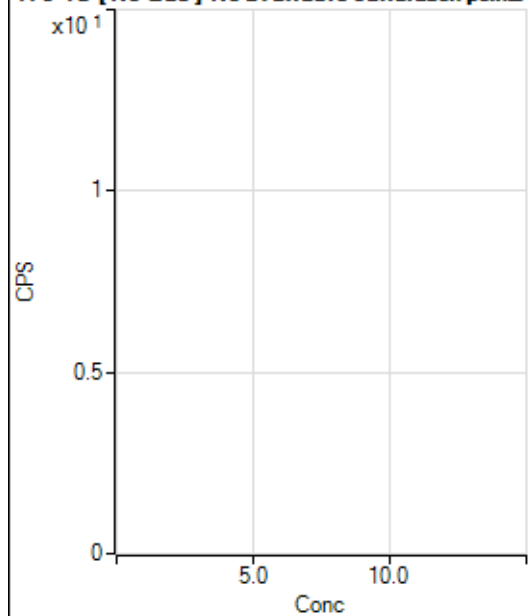
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.1
2	☐			26.67		P	33.1
3	☐			25.55		P	41.9
4	☐			22.22		P	8.7
5	☐			34.44		P	47.7
6	☐			24.44		P	7.9
7	☐			43.33		P	20.4
8	☐			77.78		P	6.5

172 Yb [No Gas] No available calibration points

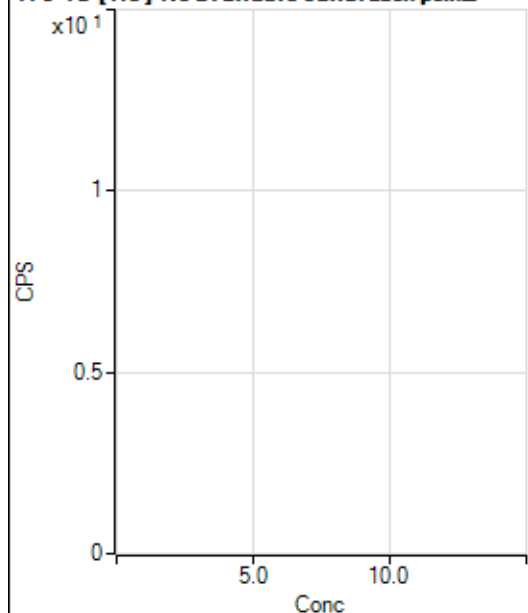
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.66		P	22.9
2	☐			48.89		P	14.2
3	☐			46.67		P	31.1
4	☐			53.33		P	10.8
5	☐			62.22		P	45.6
6	☐			71.11		P	47.0
7	☐			77.78		P	19.3
8	☐			177.78		P	7.1

172 Yb [He] No available calibration points

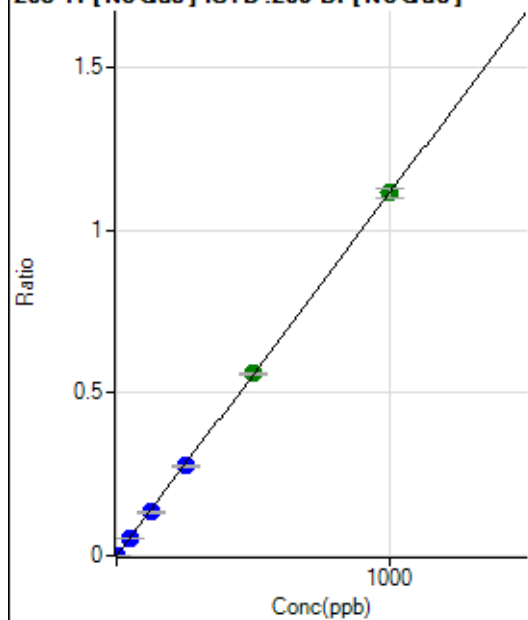
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	37.1
2	☐			18.89		P	44.4
3	☐			20.00		P	60.1
4	☐			25.55		P	15.1
5	☐			25.56		P	19.9
6	☐			35.55		P	19.5
7	☐			27.78		P	25.0
8	☐			81.11		P	28.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			832.26		P	3.0
2	☐			848.93		P	2.8
3	☐			2013.51		P	1.3
4	☐			3829.48		P	2.3
5	☐			6645.07		P	2.5
6	☐			12293.63		P	2.3
7	☐			23430.87		P	0.9
8	☐			853.37		P	2.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10051.68		P	2.2
2	☐			9884.88		P	4.2
3	☐			10171.77		P	4.4
4	☐			10629.96		P	2.5
5	☐			11703.06		P	4.2
6	☐			13669.39		P	2.1
7	☐			17990.15		P	3.0
8	☐			9029.84		P	3.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	82.22	0.0000	P	7.3
2	☐	1.000	0.882	5235.54	0.0010	P	2.4
3	☐	50.000	47.982	280403.47	0.0534	P	0.7
4	☐	125.000	120.422	704672.14	0.1340	P	2.1
5	☐	250.000	246.891	1438058.47	0.2748	P	1.1
6	☐	500.000	501.331	2842466.80	0.5579	A	1.9
7	☐	1000.000	1000.785	5573254.71	1.1137	A	2.8
8	☐			2631.42	0.0006	P	6.5

$$y = 0.0011 * x + 1.5720E-005$$

$$R = 1.0000$$

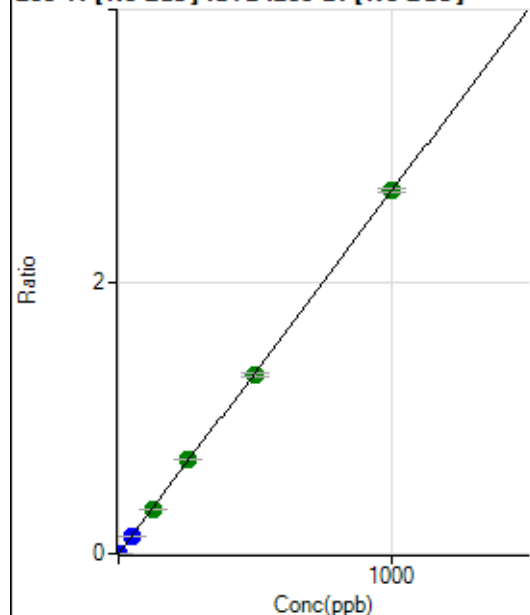
$$DL = 0.003104$$

$$BEC = 0.01413$$

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	210.00	0.0000	P	2.0
2	☐	1.000	0.893	12727.49	0.0024	P	3.6
3	☐	50.000	48.235	676121.72	0.1288	P	2.3
4	☐	125.000	123.773	1737685.36	0.3305	A	0.7
5	☐	250.000	258.406	3610569.01	0.6899	A	0.8
6	☐	500.000	495.174	6734739.20	1.3219	A	2.4
7	☐	1000.000	1000.553	13368447.86	2.6711	A	1.2
8	☐			6389.47	0.0014	P	11.0

$$y = 0.0027 * x + 4.0193E-005$$

$$R = 0.9999$$

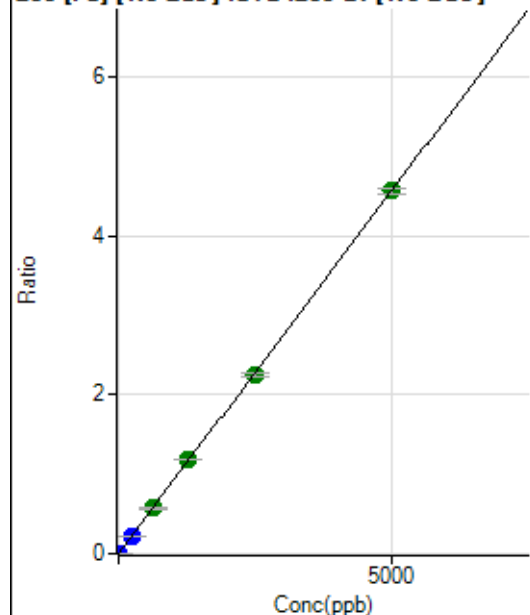
$$DL = 0.0008993$$

$$BEC = 0.01506$$

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	292.23	0.0001	P	8.6
2	☐	1.000	0.884	4536.40	0.0009	P	2.0
3	☐	250.000	239.856	1151062.98	0.2193	P	1.8
4	☐	625.000	626.508	3010786.03	0.5727	A	2.2
5	☐	1250.000	1294.073	6190436.99	1.1828	A	0.6
6	☐	2500.000	2476.734	11534414.55	2.2637	A	2.1
7	☐	5000.000	5000.933	22875485.49	4.5707	A	1.7
8	☐			16375.02	0.0036	P	5.2

$$y = 9.1396E-004 * x + 5.5994E-005$$

$$R = 0.9999$$

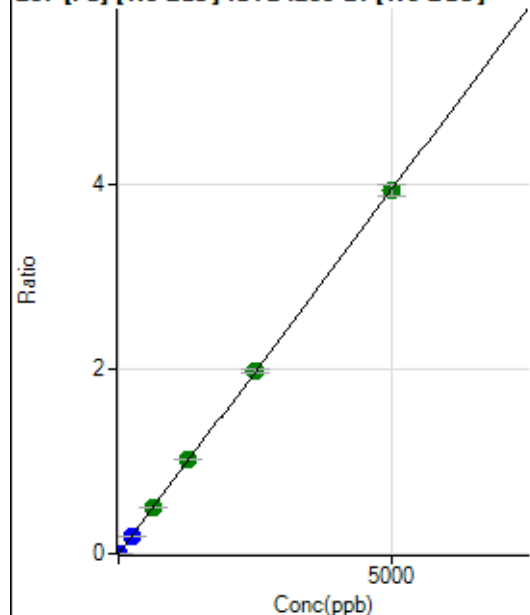
$$DL = 0.01582$$

$$BEC = 0.06127$$

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	254.45	0.0000	P	14.4
2	☐	1.000	0.875	3873.96	0.0007	P	5.7
3	☐	250.000	243.532	1007458.91	0.1919	P	0.8
4	☐	625.000	630.099	2610145.93	0.4964	A	1.8
5	☐	1250.000	1289.621	5317556.24	1.0160	A	0.7
6	☐	2500.000	2505.585	10058993.33	1.9739	A	2.4
7	☐	5000.000	4986.988	19659965.12	3.9288	A	3.0
8	☐			14478.28	0.0032	P	7.0

$$y = 7.8779\text{E-}004 * x + 4.8779\text{E-}005$$

$$R = 1.0000$$

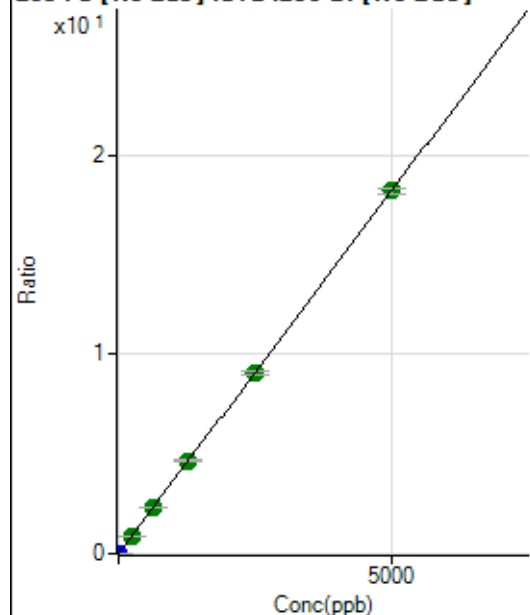
$$DL = 0.02672$$

$$BEC = 0.06192$$

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	1202.26	0.0002	P	3.8
2	☐	1.000	0.881	18078.52	0.0034	P	0.6
3	☐	250.000	246.688	4721985.19	0.8995	A	1.4
4	☐	625.000	628.401	12045866.10	2.2909	A	1.4
5	☐	1250.000	1282.928	24477723.46	4.6769	A	0.5
6	☐	2500.000	2482.458	46112416.68	9.0496	A	1.8
7	☐	5000.000	5000.280	91225938.22	18.2278	A	1.5
8	☐			66062.81	0.0145	P	6.1

$$y = 0.0036 * x + 2.3021\text{E-}004$$

$$R = 1.0000$$

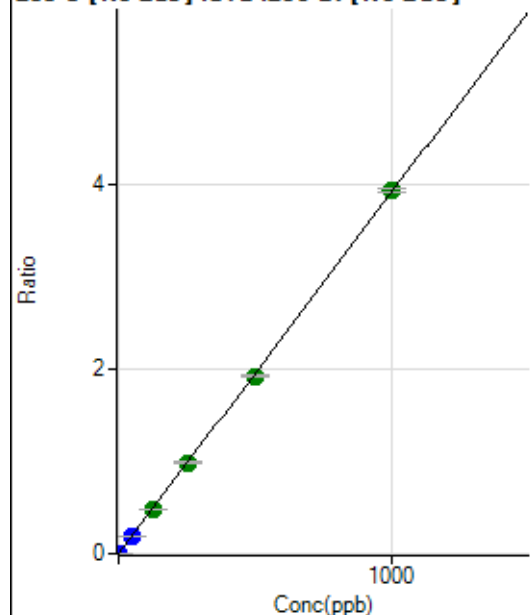
$$DL = 0.007147$$

$$BEC = 0.06315$$

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	44.44	0.0000	P	9.5
2	☐	1.000	0.853	17616.78	0.0034	P	0.8
3	☐	50.000	47.043	969004.12	0.1846	P	1.7
4	☐	125.000	121.723	2511854.01	0.4776	A	0.9
5	☐	250.000	251.587	5166703.12	0.9872	A	1.4
6	☐	500.000	491.668	9830656.17	1.9292	A	1.3
7	☐	1000.000	1004.327	19723014.01	3.9407	A	1.1
8	☐			5167.92	0.0011	P	19.8

$$y = 0.0039 * x + 8.4956E-006$$

$$R = 0.9999$$

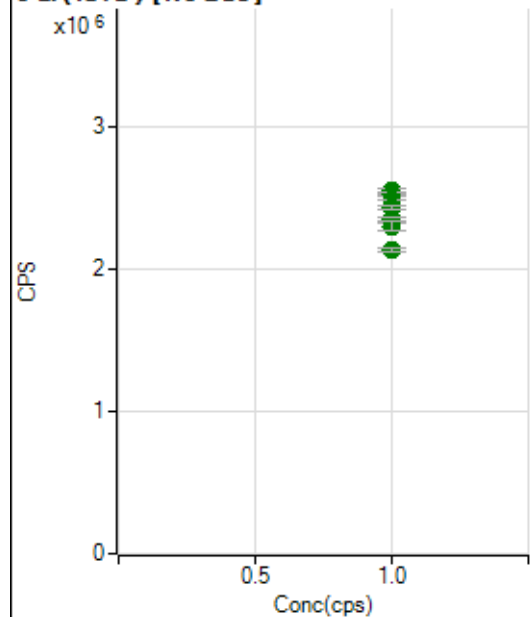
$$DL = 0.000617$$

$$BEC = 0.002165$$

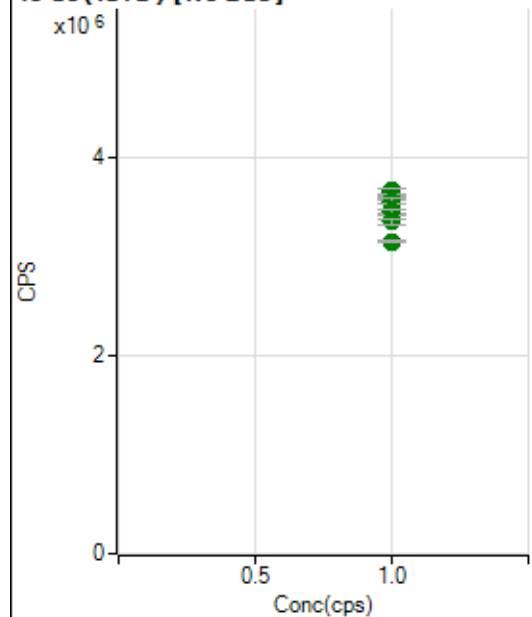
Weight: <None>

Min Conc: 0

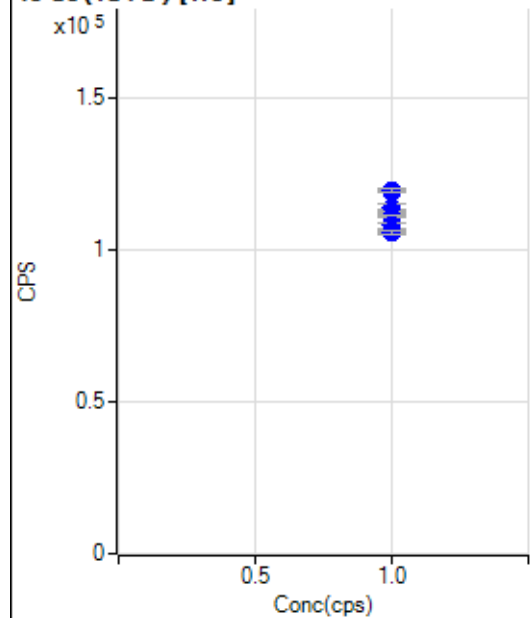
6 Li (ISTD) [No Gas]



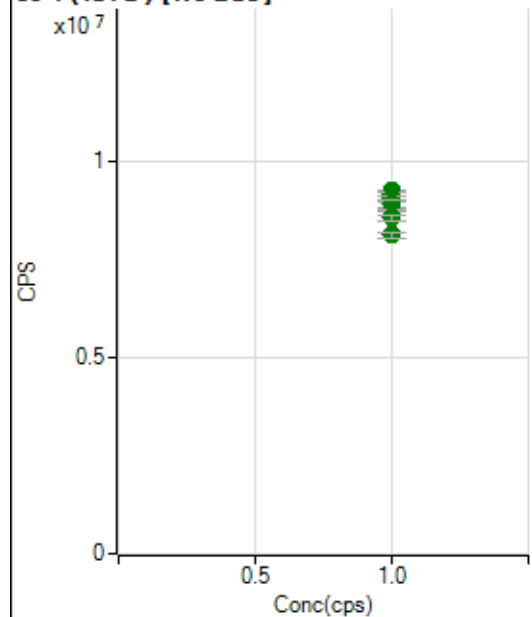
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2538184.81		A	1.7
2	☐	1.000		2544027.52		A	1.0
3	☐	1.000		2519971.47		A	1.1
4	☐	1.000		2478053.35		A	0.2
5	☐	1.000		2428445.72		A	1.0
6	☐	1.000		2341062.14		A	1.6
7	☐	1.000		2297940.57		A	2.7
8	☐	1.000		2133001.55		A	1.1

45 Sc (ISTD) [No Gas]

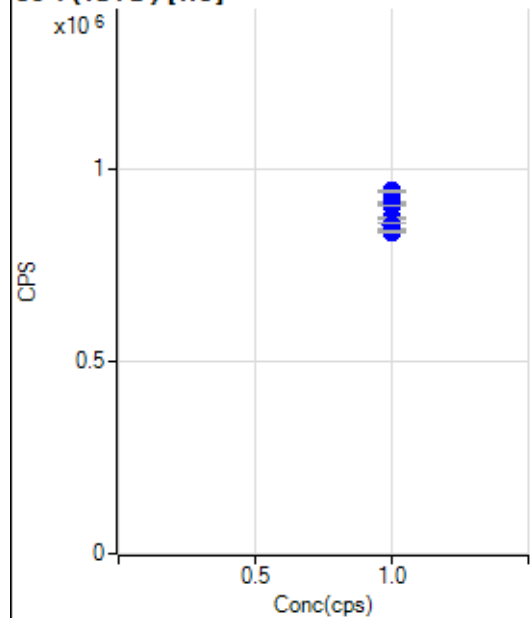
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3666825.47		A	1.7
2	☐	1.000		3654727.58		A	2.0
3	☐	1.000		3602616.72		A	1.7
4	☐	1.000		3564694.91		A	1.4
5	☐	1.000		3487185.82		A	3.2
6	☐	1.000		3449830.19		A	2.2
7	☐	1.000		3353486.54		A	2.0
8	☐	1.000		3157852.07		A	1.1

45 Sc (ISTD) [He]

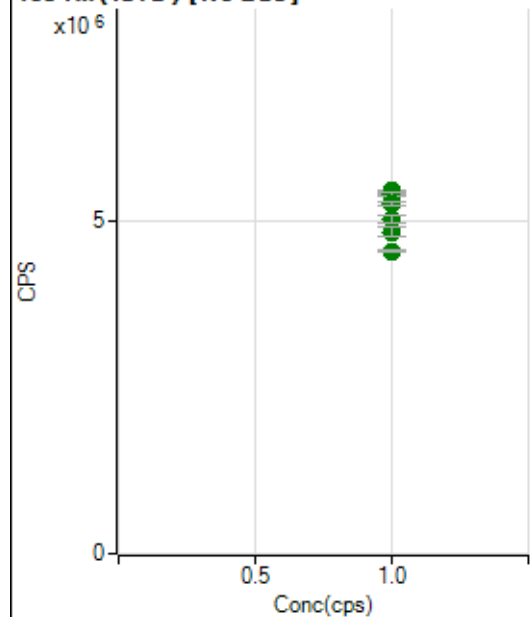
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		119354.34		P	0.7
2	☐	1.000		119643.19		P	1.2
3	☐	1.000		114379.74		P	1.3
4	☐	1.000		112675.49		P	0.3
5	☐	1.000		111126.91		P	0.5
6	☐	1.000		108267.61		P	1.5
7	☐	1.000		106753.49		P	1.3
8	☐	1.000		105893.43		P	0.8

89 Y (ISTD) [No Gas]

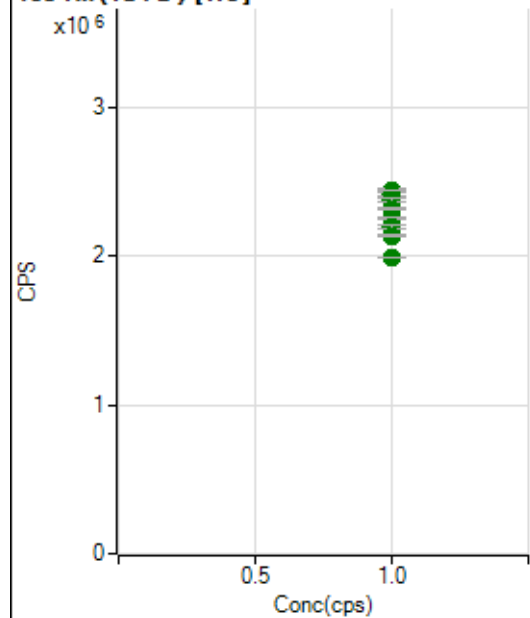
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9227066.60		A	0.5
2	☐	1.000		9143038.68		A	0.8
3	☐	1.000		8974879.03		A	1.1
4	☐	1.000		9064750.91		A	1.2
5	☐	1.000		8919035.84		A	2.1
6	☐	1.000		8744571.40		A	0.5
7	☐	1.000		8550885.85		A	1.7
8	☐	1.000		8096306.82		A	1.4

89 Y (ISTD) [He]

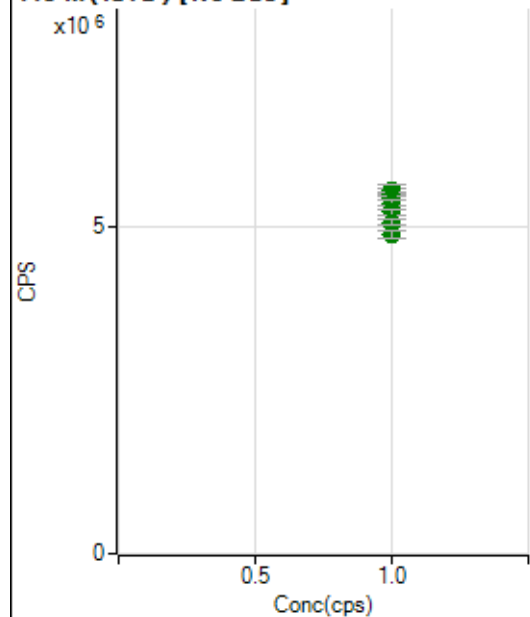
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		942121.30		P	0.7
2	☐	1.000		939068.27		P	0.6
3	☐	1.000		912382.25		P	0.3
4	☐	1.000		903779.49		P	0.5
5	☐	1.000		873241.66		P	0.5
6	☐	1.000		851529.04		P	1.5
7	☐	1.000		833332.63		P	0.4
8	☐	1.000		836304.22		P	0.4

103 Rh (ISTD) [No Gas]

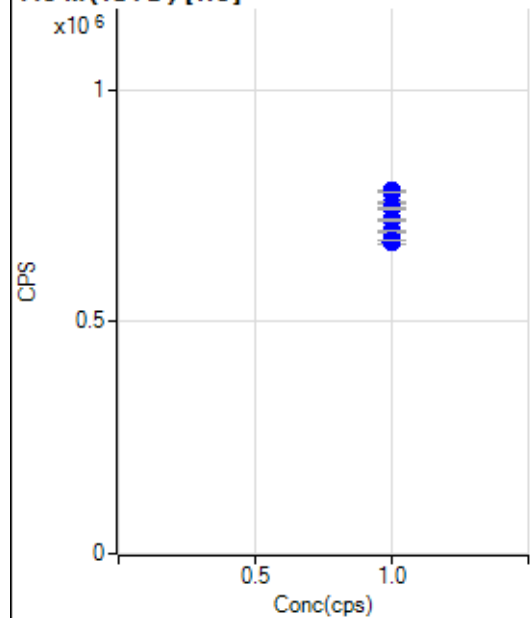
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5439940.51		A	0.8
2	☐	1.000		5411183.98		A	0.8
3	☐	1.000		5373622.04		A	0.5
4	☐	1.000		5398248.11		A	1.3
5	☐	1.000		5251053.33		A	1.2
6	☐	1.000		5021979.96		A	2.5
7	☐	1.000		4824872.46		A	2.9
8	☐	1.000		4537863.13		A	0.7

103 Rh (ISTD) [He]

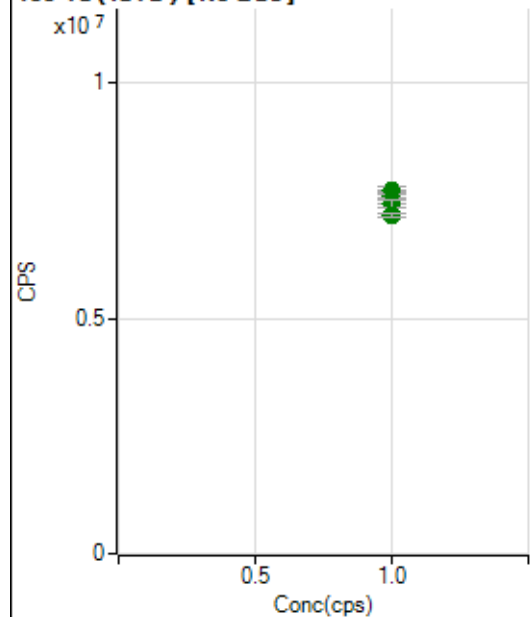
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2439733.49		A	1.0
2	☐	1.000		2419402.48		A	1.7
3	☐	1.000		2376830.52		A	1.3
4	☐	1.000		2318706.72		A	0.8
5	☐	1.000		2253277.55		A	0.7
6	☐	1.000		2196722.24		A	1.4
7	☐	1.000		2138867.17		A	0.4
8	☐	1.000		1987795.87		A	0.1

115 In (ISTD) [No Gas]

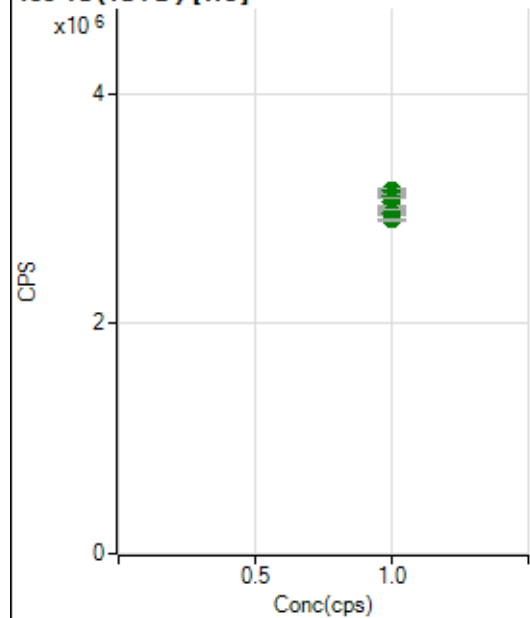
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5554059.46		A	1.5
2	☐	1.000		5555302.27		A	3.2
3	☐	1.000		5515426.11		A	1.0
4	☐	1.000		5449741.15		A	1.2
5	☐	1.000		5367949.59		A	1.7
6	☐	1.000		5227370.99		A	1.7
7	☐	1.000		5077438.17		A	1.3
8	☐	1.000		4889700.84		A	1.9

115 In (ISTD) [He]

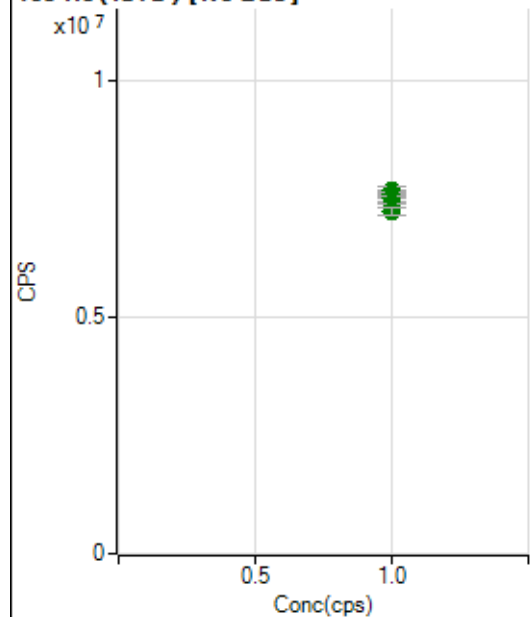
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		782255.47		P	0.5
2	☐	1.000		778711.62		P	0.2
3	☐	1.000		755096.01		P	0.6
4	☐	1.000		744964.95		P	0.5
5	☐	1.000		719883.14		P	0.5
6	☐	1.000		695293.45		P	0.6
7	☐	1.000		672147.14		P	0.8
8	☐	1.000		676222.64		P	0.4

159 Tb (ISTD) [No Gas]

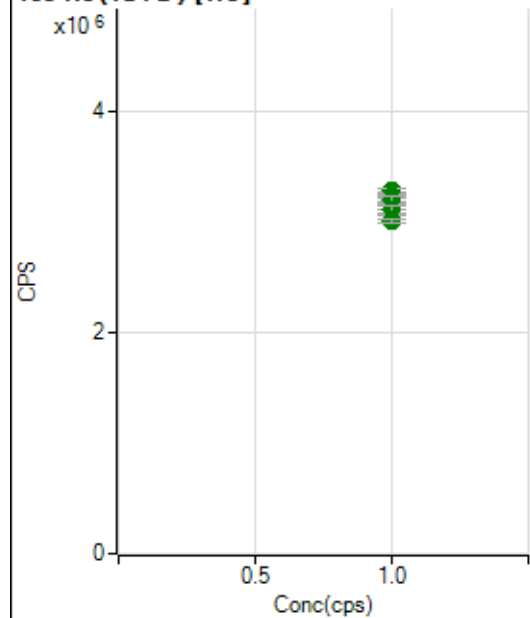
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7692457.18		A	1.1
2	☐	1.000		7702986.14		A	2.0
3	☐	1.000		7664533.15		A	0.4
4	☐	1.000		7507584.68		A	1.6
5	☐	1.000		7585125.17		A	1.8
6	☐	1.000		7520144.40		A	0.7
7	☐	1.000		7434625.51		A	1.8
8	☐	1.000		7193639.20		A	1.2

159 Tb (ISTD) [He]

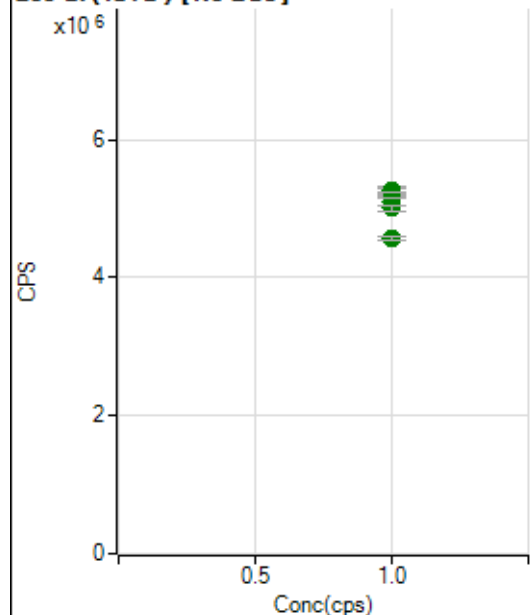
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3137536.31		A	1.7
2	☐	1.000		3152597.38		A	1.2
3	☐	1.000		3109208.39		A	1.4
4	☐	1.000		3057723.15		A	2.1
5	☐	1.000		3015441.17		A	0.9
6	☐	1.000		2965190.72		A	0.3
7	☐	1.000		2964144.51		A	1.4
8	☐	1.000		2899313.47		A	0.7

165 Ho (ISTD) [No Gas]

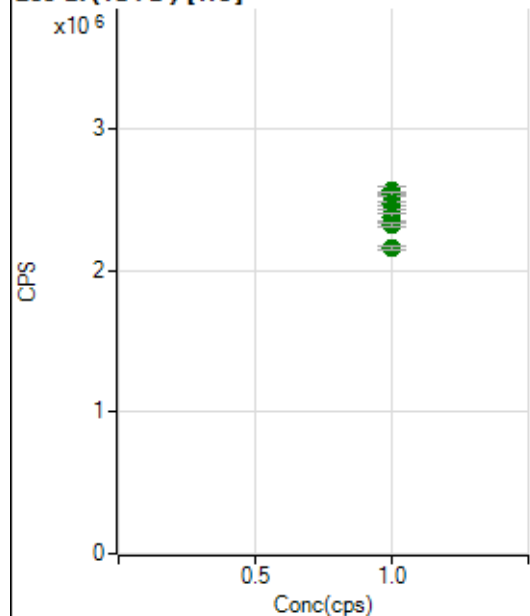
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7513889.89		A	1.5
2	☐	1.000		7613991.27		A	2.3
3	☐	1.000		7607856.97		A	1.5
4	☐	1.000		7682735.51		A	2.0
5	☐	1.000		7620645.86		A	1.0
6	☐	1.000		7514887.73		A	1.7
7	☐	1.000		7407715.58		A	0.4
8	☐	1.000		7245892.05		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3283987.24		A	1.2
2	☐	1.000		3241724.23		A	0.6
3	☐	1.000		3211153.74		A	1.1
4	☐	1.000		3202964.67		A	1.8
5	☐	1.000		3113605.16		A	0.4
6	☐	1.000		3114270.16		A	2.2
7	☐	1.000		3026726.97		A	2.4
8	☐	1.000		3016247.45		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5225088.74		A	2.2
2	☐	1.000		5251513.08		A	2.2
3	☐	1.000		5250249.19		A	1.4
4	☐	1.000		5258751.03		A	1.6
5	☐	1.000		5233779.57		A	0.3
6	☐	1.000		5096107.35		A	1.8
7	☐	1.000		5005407.36		A	1.3
8	☐	1.000		4571093.51		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2537108.44		A	1.0
2	☐	1.000		2561470.69		A	2.0
3	☐	1.000		2533951.42		A	1.2
4	☐	1.000		2470918.99		A	1.3
5	☐	1.000		2429196.54		A	0.5
6	☐	1.000		2381142.19		A	2.2
7	☐	1.000		2317504.05		A	1.0
8	☐	1.000		2161139.78		A	1.3