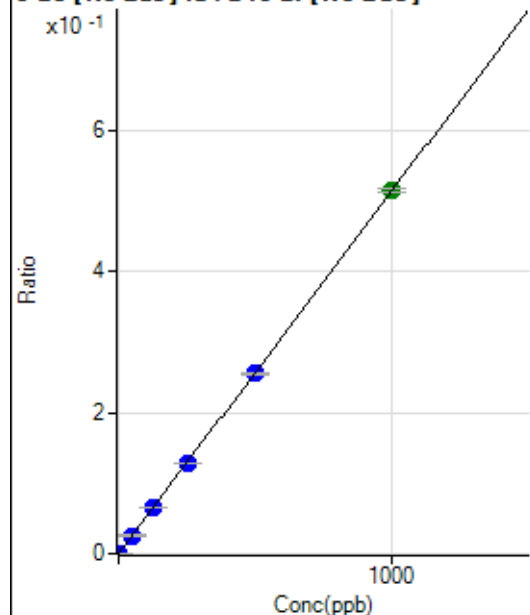


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7061622-MS.b\
 Analysis File: P7061622-MS.batch.bin
 DA Date-Time: 2022-06-16 17:27:46
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-06-16 10:01:34
2	004CALS.d	S01	2022-06-16 10:04:29
3	006CALS.d	S02	2022-06-16 10:10:18
4	007CALS.d	S03	2022-06-16 10:13:11
5	008CALS.d	S04	2022-06-16 10:15:57
6	009CALS.d	S05	2022-06-16 10:18:42
7	010CALS.d	S06	2022-06-16 10:21:29
8	011CALS.d	S07	2022-06-16 10:24:15
9	012CALS.d	S08	2022-06-16 10:27:03

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	45.56	0.0000	P	48.5
2	☐	0.100	0.099	243.34	0.0001	P	3.5
3	☐	1.000	1.024	2127.95	0.0005	P	2.5
4	☐	50.000	50.382	102014.19	0.0259	P	1.9
5	☐	125.000	125.425	250913.26	0.0645	P	1.0
6	☐	250.000	249.341	489874.30	0.1282	P	0.5
7	☐	500.000	497.254	918632.30	0.2557	P	1.0
8	☐	1000.000	1001.466	1773149.47	0.5149	A	0.9
9	☐			6318.00	0.0019	P	1.3

$$y = 5.1417\text{E-}004 * x + 1.1560\text{E-}005$$

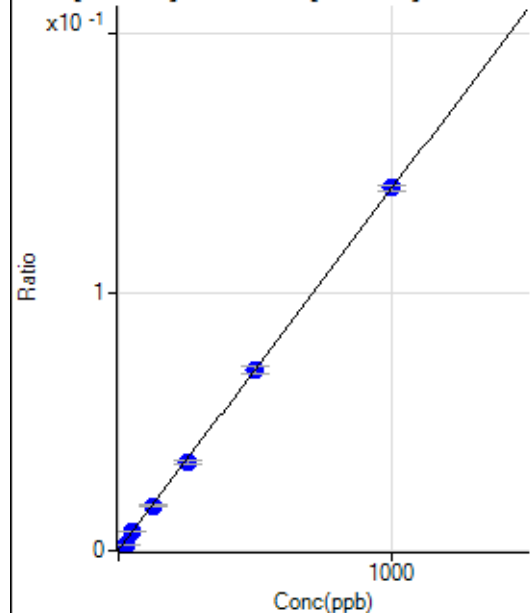
$$R = 1.0000$$

$$DL = 0.03273$$

$$BEC = 0.02248$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1155.63	0.0003	P	2.4
2	☐	2.500	1.159	1772.36	0.0005	P	8.3
3	☐	25.000	13.042	8371.87	0.0021	P	4.0
4	☐	50.000	49.793	28546.27	0.0073	P	4.7
5	☐	125.000	121.928	67441.47	0.0173	P	4.1
6	☐	250.000	245.075	131990.24	0.0345	P	4.3
7	☐	500.000	498.804	251446.08	0.0700	P	3.7
8	☐	1000.000	1002.526	483535.47	0.1404	P	1.7
9	☐			20322.00	0.0060	P	6.3

$$y = 1.3975\text{E-}004 * x + 2.9356\text{E-}004$$

$$R = 0.9999$$

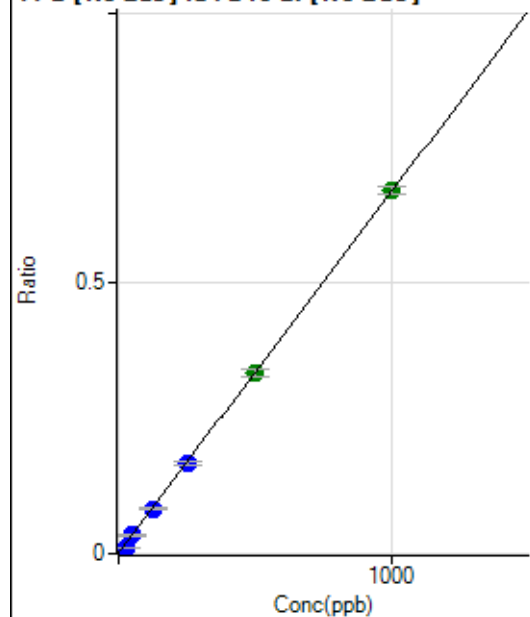
$$DL = 0.1526$$

$$BEC = 2.101$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5773.45	0.0015	P	5.7
2	☐	2.500	1.103	8580.37	0.0022	P	1.3
3	☐	25.000	12.271	38225.54	0.0097	P	1.3
4	☐	50.000	48.727	133850.23	0.0340	P	4.5
5	☐	125.000	122.651	324344.88	0.0834	P	3.8
6	☐	250.000	247.896	638069.14	0.1670	P	3.7
7	☐	500.000	498.138	1200071.05	0.3341	A	3.6
8	☐	1000.000	1002.136	2309874.01	0.6706	A	2.0
9	☐			94756.72	0.0282	P	9.4

$$y = 6.6773\text{E-}004 * x + 0.0015$$

$$R = 0.9999$$

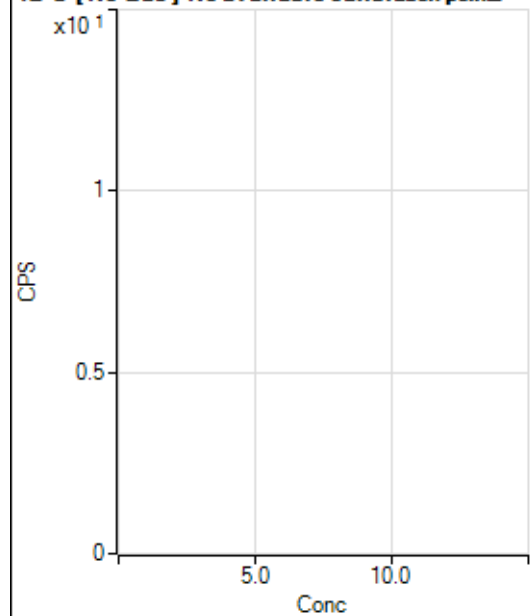
$$DL = 0.3727$$

$$BEC = 2.196$$

Weight: <None>

Min Conc: 0

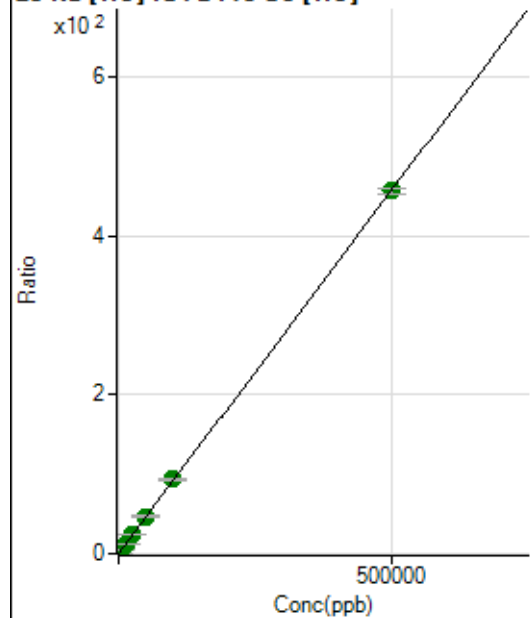
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19223.30	0.0236	P	1.7
2	☐	50.000	49.105	55986.89	0.0686	P	1.7
3	☐	500.000	488.692	387238.86	0.4708	P	0.7
4	☐	5000.000	5062.946	3776174.91	4.6569	A	1.1
5	☐	12500.000	12635.493	8915643.60	11.5869	A	0.4
6	☐	25000.000	25300.428	16389491.80	23.1772	A	0.8
7	☐	50000.000	51511.241	30619885.41	47.1638	A	0.7
8	☐	100000.00	102184.67	61306484.70	93.5373	A	0.9
9	☐	500000.00	499392.91	311668981.0	457.0402	A	1.3

$$y = 9.1514\text{E-}004 * x + 0.0236$$

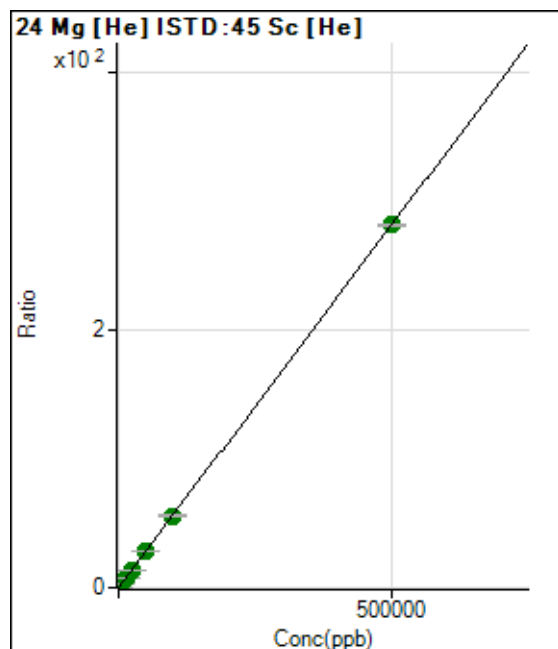
$$R = 1.0000$$

$$DL = 1.292$$

$$BEC = 25.81$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	359.27	0.0004	P	14.2
2	☐	50.000	47.150	22036.27	0.0270	P	1.1
3	☐	500.000	496.429	230215.86	0.2799	P	0.2
4	☐	5000.000	5011.340	2287939.61	2.8217	A	0.6
5	☐	12500.000	12379.542	5362718.81	6.9698	A	1.8
6	☐	25000.000	24812.098	9878063.41	13.9691	A	0.6
7	☐	50000.000	50279.718	18377011.29	28.3068	A	0.9
8	☐	100000.00	99017.003	36535123.50	55.7447	A	1.7
9	☐	500000.00	500180.92	192023837.6	281.5907	A	0.7

$$y = 5.6298\text{E-}004 * x + 4.4118\text{E-}004$$

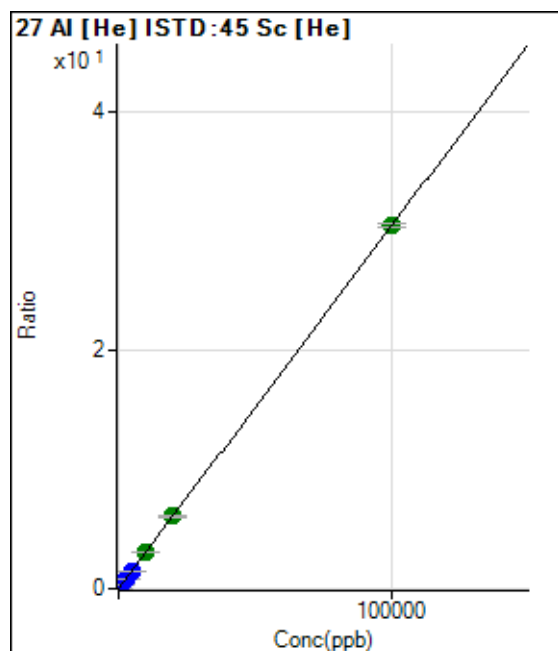
$$R = 1.0000$$

$$DL = 0.3332$$

$$BEC = 0.7837$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	150.00	0.0002	P	12.3
2	☐	2.000	1.911	625.95	0.0008	P	4.4
3	☐	20.000	21.728	5597.42	0.0068	P	2.8
4	☐	1000.000	980.901	242530.95	0.2991	P	0.7
5	☐	2500.000	2459.397	576845.05	0.7497	P	0.6
6	☐	5000.000	4873.301	1050314.05	1.4853	P	0.7
7	☐	10000.000	10086.227	1995811.95	3.0740	A	0.7
8	☐	20000.000	19953.353	3985754.86	6.0809	A	0.8
9	☐	100000.00	100008.24	20784241.67	30.4776	A	1.1

$$y = 3.0475\text{E-}004 * x + 1.8425\text{E-}004$$

$$R = 1.0000$$

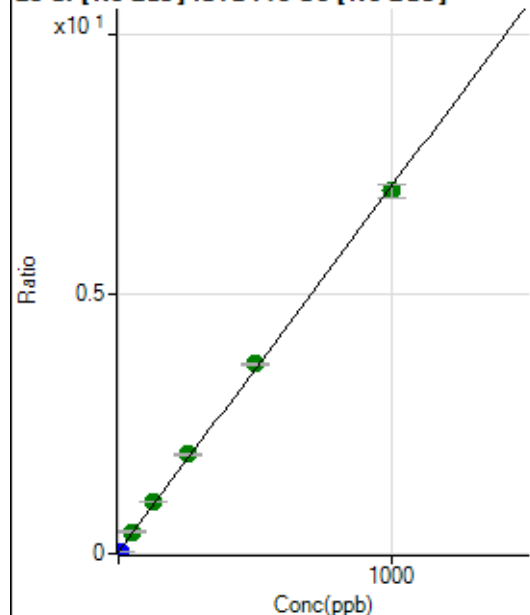
$$DL = 0.2231$$

$$BEC = 0.6046$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	382941.39	0.0391	P	0.8
2	☐	1.000	0.146	389467.97	0.0402	P	2.4
3	☐	10.000	0.959	449439.71	0.0459	P	2.2
4	☐	50.000	54.814	4128785.42	0.4245	A	0.6
5	☐	125.000	135.340	9469719.40	0.9907	A	1.0
6	☐	250.000	266.322	17621965.84	1.9116	A	2.0
7	☐	500.000	513.862	31301382.30	3.6519	A	0.9
8	☐	1000.000	987.547	57783171.43	6.9823	A	3.9
9	☐			1904470.83	0.2305	A	8.1

$$y = 0.0070 * x + 0.0391$$

$$R = 0.9996$$

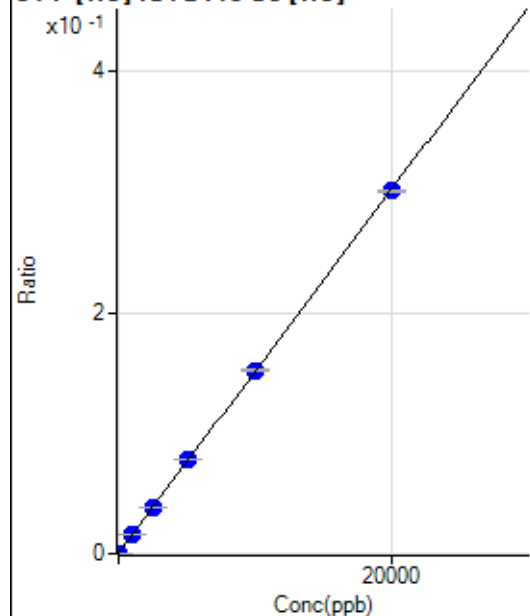
$$DL = 0.1414$$

$$BEC = 5.567$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-11.019	266.68	0.0003	P	18.1
2	☐	0.000	-6.138	327.79	0.0004	P	14.6
3	☐	0.000	17.157	619.47	0.0008	P	8.8
4	☐	1000.000	1038.880	13114.25	0.0162	P	0.8
5	☐	2500.000	2540.088	29879.73	0.0388	P	1.1
6	☐	5000.000	5156.259	55378.71	0.0783	P	1.7
7	☐	10000.000	10063.100	98933.11	0.1524	P	1.1
8	☐	20000.000	19922.430	197410.99	0.3012	P	0.3
9	☐			1058.40	0.0016	P	8.6

$$y = 1.5093E-005 * x + 4.9428E-004$$

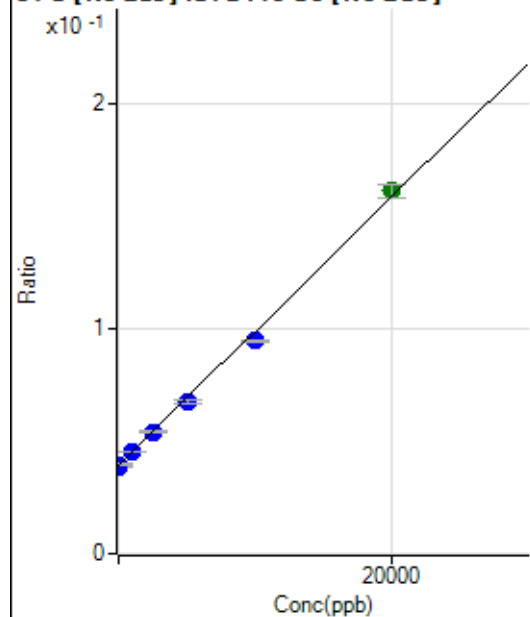
$$R = 1.0000$$

$$DL = 12.21$$

$$BEC = 32.75$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-100.459	378839.45	0.0387	P	1.8
2	☐	0.000	37.132	383410.29	0.0395	P	2.6
3	☐	0.000	63.327	388812.78	0.0397	P	3.1
4	☐	1000.000	980.439	439261.76	0.0452	P	0.5
5	☐	2500.000	2448.835	515378.73	0.0539	P	1.3
6	☐	5000.000	4722.795	621913.75	0.0675	P	2.8
7	☐	10000.000	9265.720	810388.66	0.0945	P	1.2
8	☐	20000.000	20443.815	1333801.44	0.1612	A	4.1
9	☐			295392.83	0.0358	P	1.4

$$y = 5.9600\text{E-}006 * x + 0.0393$$

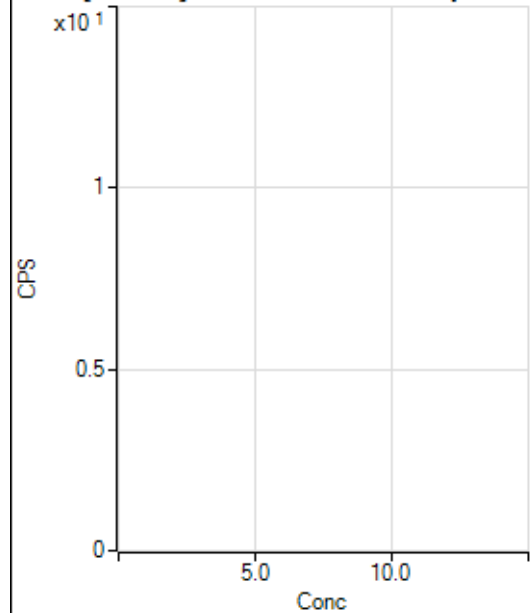
$$R = 0.9989$$

$$DL = 494.5$$

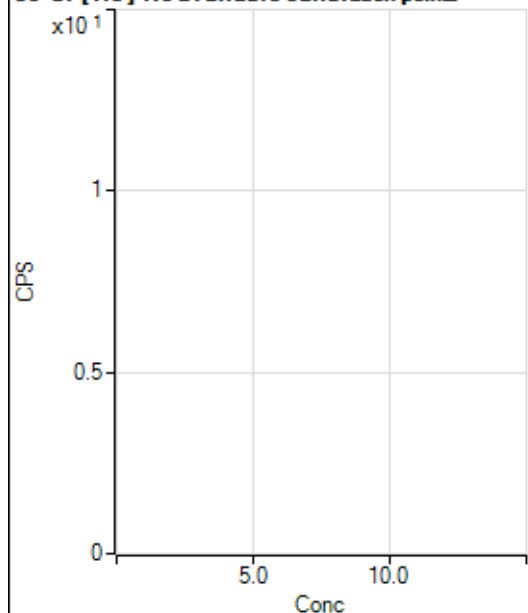
$$BEC = 6598$$

Weight: <None>

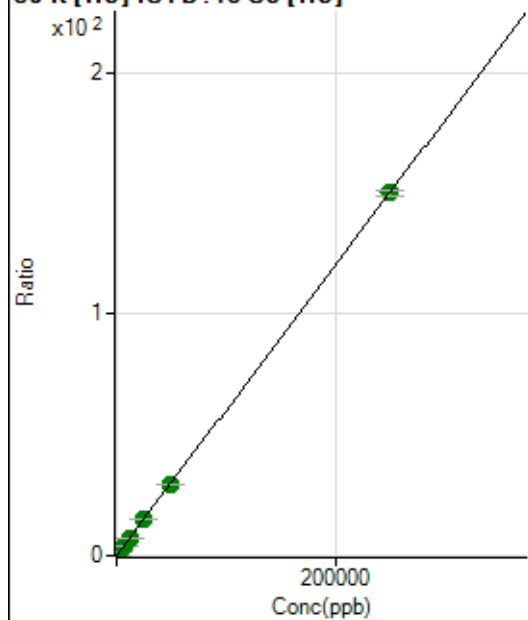
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61965.54	0.0761	P	2.0
2	☐	50.000	50.760	87062.43	0.1066	P	0.5
3	☐	500.000	523.509	321070.50	0.3904	P	0.2
4	☐	2500.000	2505.280	1281129.14	1.5800	A	0.8
5	☐	6250.000	6248.424	2944616.71	3.8269	A	0.4
6	☐	12500.000	12274.038	5263688.31	7.4439	A	0.2
7	☐	25000.000	24800.523	9714624.35	14.9632	A	0.3
8	☐	50000.000	49146.064	19385224.04	29.5771	A	1.0
9	☐	250000.00	250201.97	102475388.4	150.2652	A	1.3

$$y = 6.0027E-004 * x + 0.0761$$

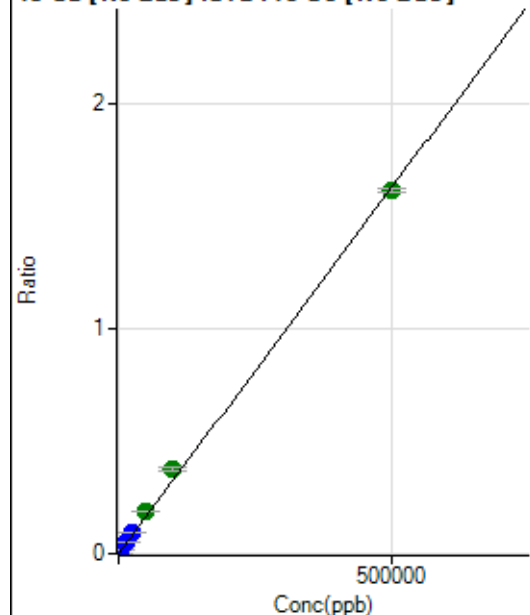
$$R = 1.0000$$

$$DL = 7.647$$

$$BEC = 126.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	238.90	0.0000	P	8.8
2	☐	50.000	47.073	1722.36	0.0002	P	4.5
3	☐	500.000	507.373	16420.38	0.0017	P	1.7
4	☐	5000.000	5993.741	189996.03	0.0195	P	0.2
5	☐	12500.000	14973.928	466183.39	0.0488	P	0.9
6	☐	25000.000	29633.520	889543.23	0.0965	P	1.7
7	☐	50000.000	58266.557	1626049.43	0.1897	A	2.7
8	☐	100000.00	115615.09	3114669.60	0.3764	A	4.3
9	☐	500000.00	495746.85	13317922.69	1.6138	A	1.2

$$y = 3.2553\text{E-}006 * x + 2.4428\text{E-}005$$

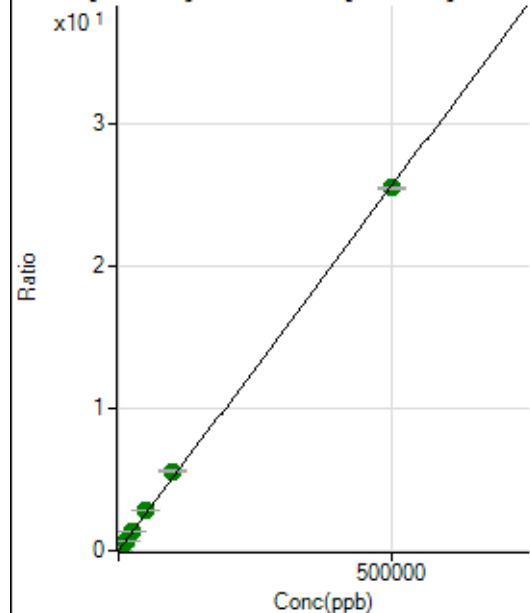
$$R = 0.9994$$

$$DL = 1.975$$

$$BEC = 7.504$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10782.00	0.0011	P	4.5
2	☐	50.000	51.252	36171.64	0.0037	P	2.9
3	☐	500.000	521.214	272595.47	0.0278	P	2.6
4	☐	5000.000	5425.706	2716771.31	0.2793	A	0.6
5	☐	12500.000	13547.593	6652008.14	0.6959	A	0.7
6	☐	25000.000	27000.200	12774867.82	1.3857	A	1.9
7	☐	50000.000	54847.457	24118225.54	2.8138	A	1.7
8	☐	100000.00	108976.67	46267881.59	5.5897	A	3.1
9	☐	500000.00	497589.44	210603542.2	25.5188	A	0.6

$$y = 5.1283\text{E-}005 * x + 0.0011$$

$$R = 0.9998$$

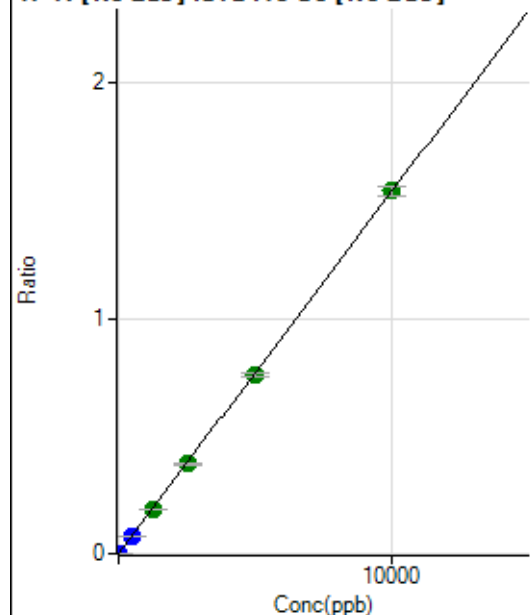
$$DL = 2.902$$

$$BEC = 21.49$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	116.67	0.0000	P	19.6
2	☐	0.500	0.462	802.82	0.0001	P	9.8
3	☐	5.000	5.064	7741.09	0.0008	P	3.3
4	☐	500.000	497.469	743510.26	0.0764	P	0.7
5	☐	1250.000	1233.297	1811475.08	0.1895	A	1.2
6	☐	2500.000	2482.476	3516063.32	0.3814	A	2.7
7	☐	5000.000	4955.060	6525718.20	0.7614	A	1.7
8	☐	10000.000	10029.065	12757765.56	1.5410	A	2.5
9	☐			45546.93	0.0055	P	0.3

$$y = 1.5365E-004 * x + 1.1937E-005$$

$$R = 1.0000$$

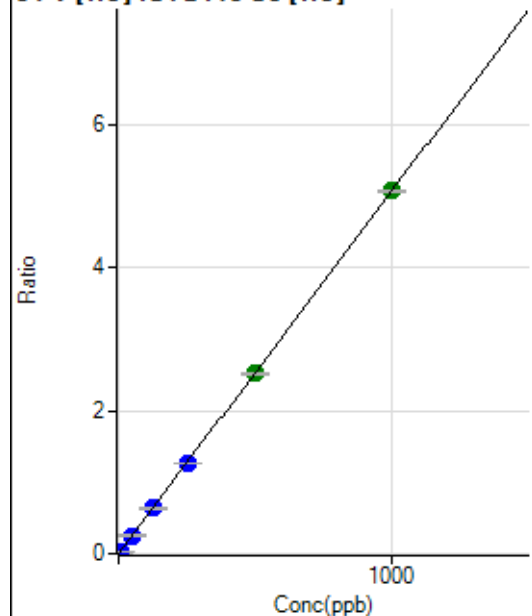
$$DL = 0.04576$$

$$BEC = 0.07769$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4.44	0.0000	P	42.8
2	☐	0.500	0.488	2026.82	0.0025	P	5.8
3	☐	5.000	4.986	20806.64	0.0253	P	1.0
4	☐	50.000	50.127	206177.19	0.2543	P	1.3
5	☐	125.000	124.904	487525.07	0.6336	P	1.0
6	☐	250.000	249.495	894973.83	1.2656	P	0.5
7	☐	500.000	497.182	1637380.83	2.5221	A	0.8
8	☐	1000.000	1001.541	3330018.56	5.0806	A	0.6
9	☐			13087.97	0.0192	P	2.5

$$y = 0.0051 * x + 5.4521E-006$$

$$R = 1.0000$$

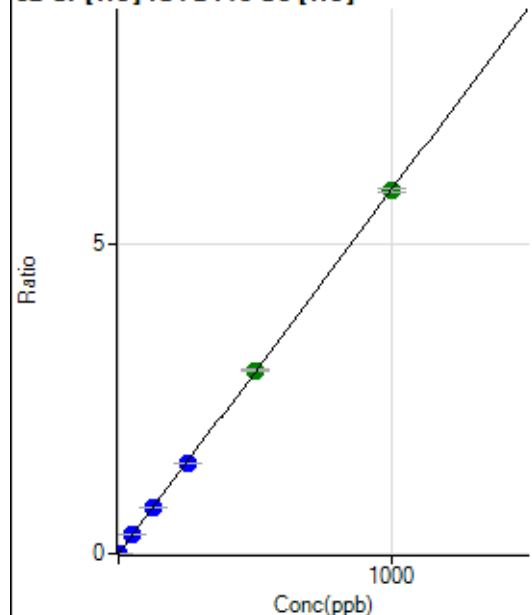
$$DL = 0.001381$$

$$BEC = 0.001075$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1436.75	0.0018	P	3.4
2	☐	0.200	0.221	2502.46	0.0031	P	1.7
3	☐	2.000	1.939	10842.89	0.0132	P	0.5
4	☐	50.000	50.499	242502.49	0.2991	P	0.7
5	☐	125.000	125.422	569549.54	0.7402	P	0.1
6	☐	250.000	249.693	1040729.11	1.4718	P	0.7
7	☐	500.000	504.762	1930438.98	2.9736	A	1.1
8	☐	1000.000	997.618	3850825.39	5.8753	A	1.0
9	☐			26160.54	0.0384	P	1.5

$$y = 0.0059 * x + 0.0018$$

$$R = 1.0000$$

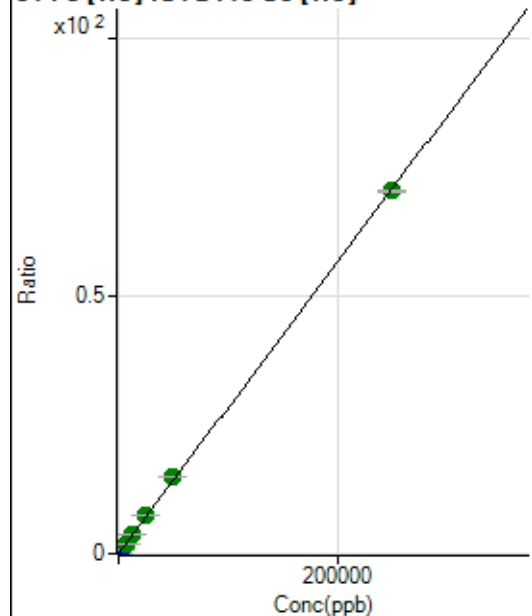
$$DL = 0.03056$$

$$BEC = 0.2998$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1341.44	0.0016	P	6.8
2	☐	5.000	6.575	2859.90	0.0035	P	7.2
3	☐	50.000	55.373	14201.34	0.0173	P	2.1
4	☐	2500.000	2736.208	627146.00	0.7734	P	0.6
5	☐	6250.000	6603.629	1434546.58	1.8643	A	0.5
6	☐	12500.000	13357.617	2665340.87	3.7694	A	0.5
7	☐	25000.000	26605.538	4873256.26	7.5063	A	0.5
8	☐	50000.000	53095.810	9817399.87	14.9784	A	1.0
9	☐	250000.00	249166.19	47929009.41	70.2839	A	0.6

$$y = 2.8207E-004 * x + 0.0016$$

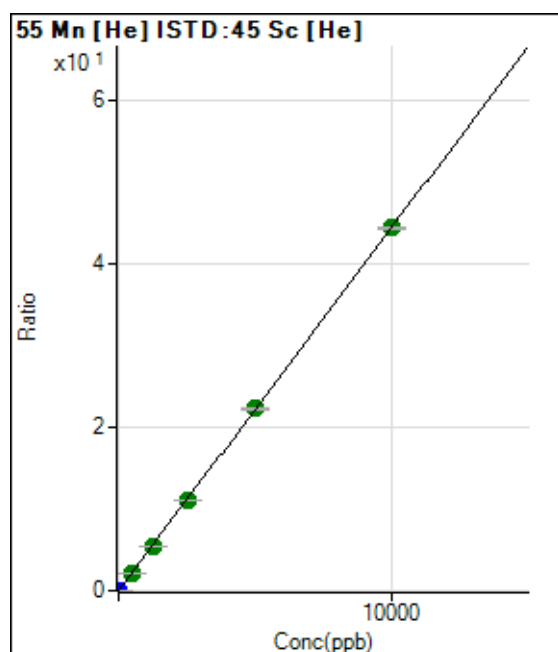
$$R = 0.9999$$

$$DL = 1.189$$

$$BEC = 5.845$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	150.00	0.0002	P	20.9
2	☐	0.100	0.117	573.35	0.0007	P	3.2
3	☐	1.000	1.027	3900.54	0.0047	P	3.8
4	☐	500.000	490.919	1767588.45	2.1799	A	0.4
5	☐	1250.000	1234.183	4216739.52	5.4802	A	0.7
6	☐	2500.000	2475.483	7772523.57	10.9917	A	0.8
7	☐	5000.000	5022.780	14478444.37	22.3021	A	1.2
8	☐	10000.000	9997.171	29094758.18	44.3892	A	0.5
9	☐			118958.82	0.1744	P	1.0

$$y = 0.0044 * x + 1.8428E-004$$

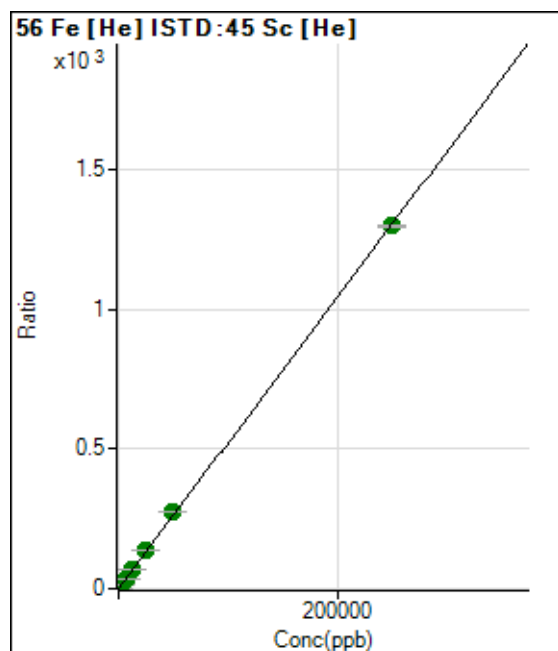
$$R = 1.0000$$

$$DL = 0.02604$$

$$BEC = 0.0415$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13050.26	0.0160	P	1.5
2	☐	5.000	5.618	37004.94	0.0453	P	1.4
3	☐	50.000	52.168	236826.95	0.2880	P	0.4
4	☐	2500.000	2565.685	10856673.62	13.3894	A	0.3
5	☐	6250.000	6484.138	26018602.43	33.8140	A	0.1
6	☐	12500.000	12920.172	47632583.47	67.3611	A	0.8
7	☐	25000.000	26341.444	89146941.81	137.3182	A	1.2
8	☐	50000.000	52354.255	178879042.8	272.9074	A	0.2
9	☐	250000.00	249367.48	886399960.5	1,299.819	A	0.3

$$y = 0.0052 * x + 0.0160$$

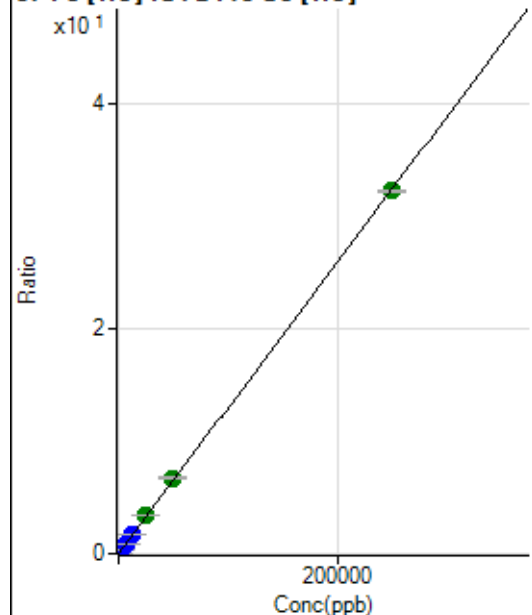
$$R = 0.9999$$

$$DL = 0.1398$$

$$BEC = 3.076$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	507.42	0.0006	P	6.1
2	☐	5.000	5.903	1131.55	0.0014	P	5.1
3	☐	50.000	53.729	6216.20	0.0076	P	1.0
4	☐	2500.000	2646.912	277513.98	0.3423	P	0.4
5	☐	6250.000	6650.292	660931.14	0.8590	P	0.5
6	☐	12500.000	13320.084	1216075.66	1.7198	P	0.6
7	☐	25000.000	26670.768	2235330.69	3.4430	A	0.1
8	☐	50000.000	52105.756	4408179.15	6.7258	A	1.2
9	☐	250000.00	249359.29	21947998.41	32.1850	A	0.4

$$y = 1.2907\text{E-}004 * x + 6.2347\text{E-}004$$

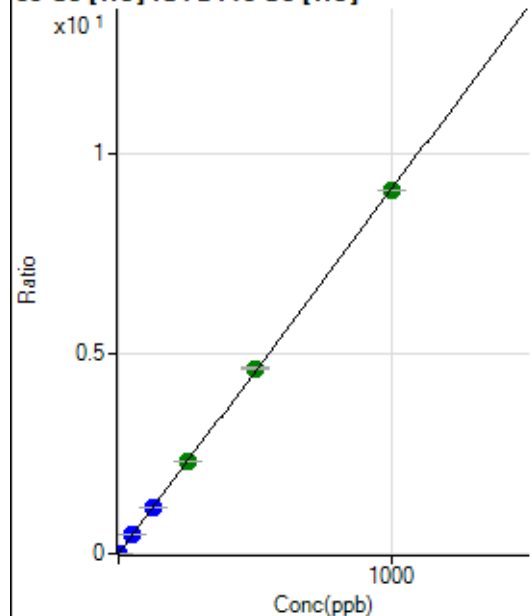
$$R = 0.9999$$

$$DL = 0.8802$$

$$BEC = 4.831$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	82.22	0.0001	P	13.6
2	☐	0.100	0.103	853.36	0.0010	P	3.6
3	☐	1.000	1.022	7758.75	0.0094	P	0.9
4	☐	50.000	50.568	374472.31	0.4618	P	0.2
5	☐	125.000	126.616	889644.67	1.1562	P	0.3
6	☐	250.000	252.117	1627764.84	2.3021	A	1.2
7	☐	500.000	507.898	3010817.18	4.6376	A	0.7
8	☐	1000.000	995.292	5956649.56	9.0879	A	0.1
9	☐			38569.49	0.0566	P	0.9

$$y = 0.0091 * x + 1.0097\text{E-}004$$

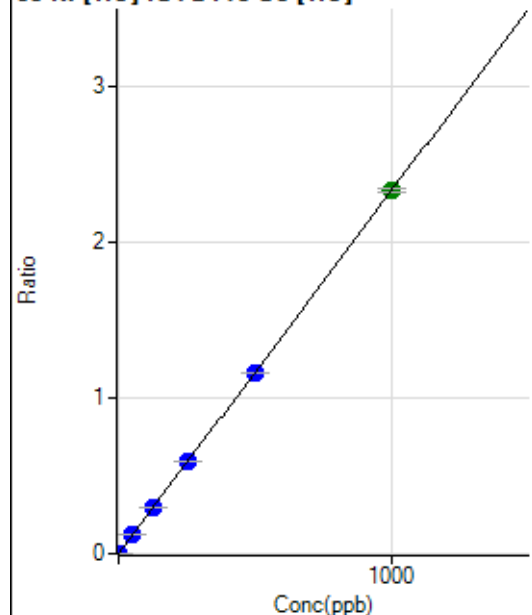
$$R = 1.0000$$

$$DL = 0.004525$$

$$BEC = 0.01106$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	95.56	0.0001	P	8.7
2	☐	0.100	0.094	275.56	0.0003	P	18.5
3	☐	1.000	0.990	1996.82	0.0024	P	2.7
4	☐	50.000	51.064	96686.97	0.1192	P	1.6
5	☐	125.000	127.203	228421.99	0.2969	P	1.2
6	☐	250.000	252.466	416564.01	0.5891	P	0.3
7	☐	500.000	499.301	756325.17	1.1649	P	0.2
8	☐	1000.000	999.405	1528232.74	2.3316	A	0.9
9	☐			10887.36	0.0160	P	1.4

$$y = 0.0023 * x + 1.1742E-004$$

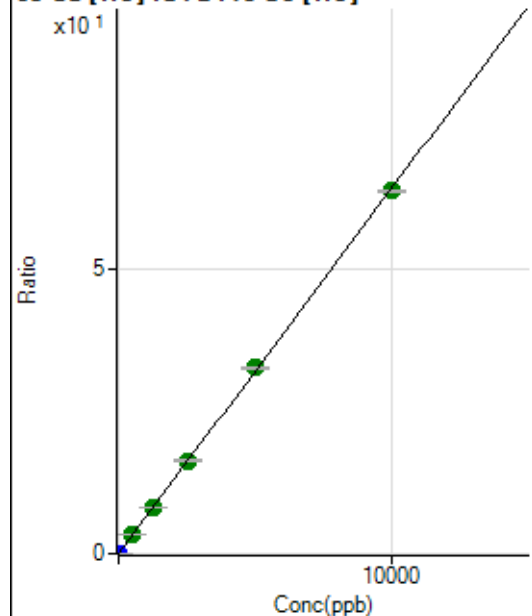
$$R = 1.0000$$

$$DL = 0.01319$$

$$BEC = 0.05033$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	832.25	0.0010	P	8.6
2	☐	0.200	0.209	1926.81	0.0024	P	8.3
3	☐	2.000	2.032	11561.21	0.0141	P	2.4
4	☐	500.000	510.446	2656352.62	3.2759	A	0.6
5	☐	1250.000	1278.863	6314178.72	8.2059	A	0.2
6	☐	2500.000	2550.794	11573479.41	16.3664	A	0.9
7	☐	5000.000	5093.728	21217245.10	32.6813	A	0.8
8	☐	10000.000	9936.307	41783676.88	63.7503	A	0.9
9	☐			148366.49	0.2176	P	1.0

$$y = 0.0064 * x + 0.0010$$

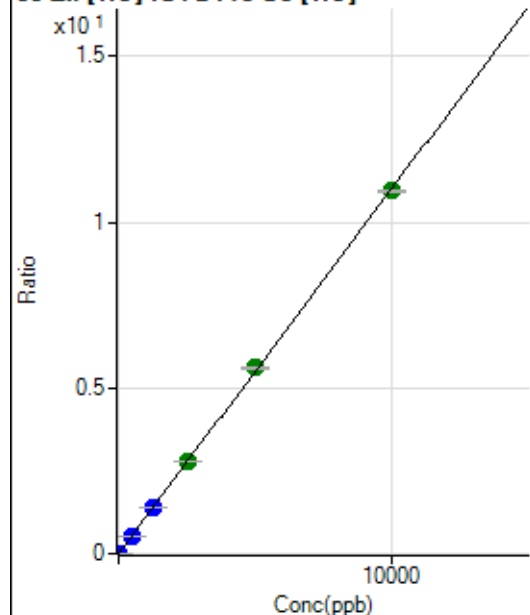
$$R = 0.9999$$

$$DL = 0.04122$$

$$BEC = 0.1593$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	466.68	0.0006	P	3.1
2	☒	0.200					
3	☐	2.000	2.298	2550.25	0.0031	P	2.1
4	☐	500.000	496.067	442932.63	0.5463	P	0.7
5	☐	1250.000	1248.701	1057401.91	1.3742	P	0.1
6	☐	2500.000	2509.922	1952763.98	2.7616	A	0.1
7	☐	5000.000	5098.767	3641616.51	5.6095	A	1.3
8	☐	10000.000	9948.495	7173368.23	10.9444	A	0.7
9	☐			34882.87	0.0512	P	1.2

$$y = 0.0011 * x + 5.7344E-004$$

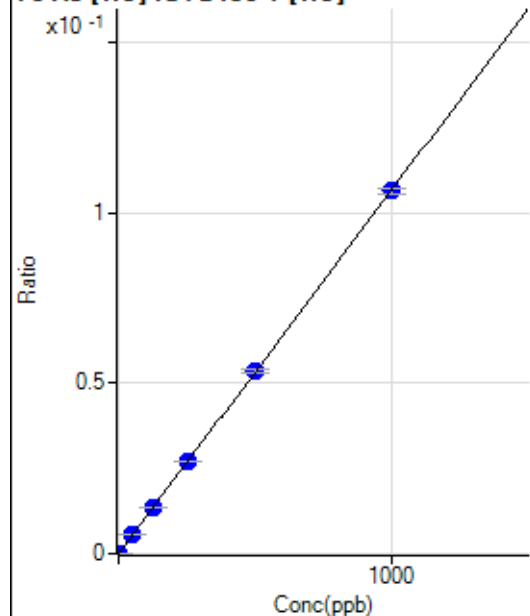
$$R = 0.9999$$

$$DL = 0.04801$$

$$BEC = 0.5213$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	15.43	0.0000	P	24.4
2	☐	0.100	0.083	61.11	0.0000	P	7.3
3	☐	1.000	1.152	647.55	0.0001	P	12.8
4	☐	50.000	52.933	28587.92	0.0057	P	0.8
5	☐	125.000	127.847	67336.63	0.0136	P	0.7
6	☐	250.000	253.544	124208.94	0.0271	P	0.7
7	☐	500.000	500.847	230577.23	0.0535	P	1.8
8	☐	1000.000	998.188	463486.51	0.1065	P	1.4
9	☐			1780.36	0.0004	P	2.8

$$y = 1.0672E-004 * x + 3.0672E-006$$

$$R = 1.0000$$

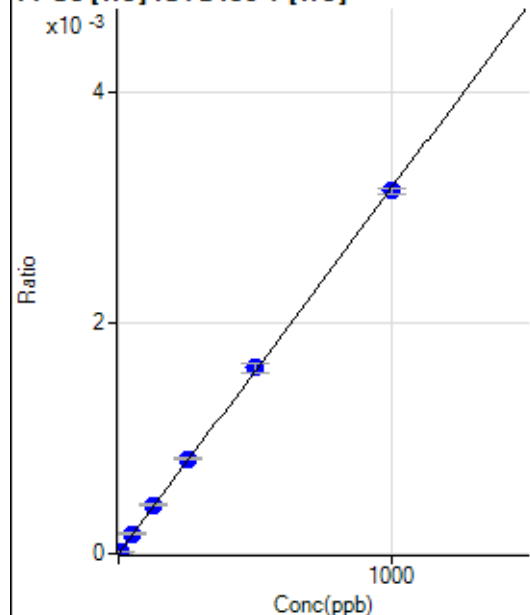
$$DL = 0.02105$$

$$BEC = 0.02874$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.483	7.78	0.0000	P	50.4
3	☐	5.000	6.074	98.89	0.0000	P	6.5
4	☐	50.000	53.443	855.59	0.0002	P	8.5
5	☐	125.000	131.698	2057.94	0.0004	P	4.2
6	☐	250.000	260.141	3781.62	0.0008	P	1.7
7	☐	500.000	507.976	6937.23	0.0016	P	4.5
8	☐	1000.000	992.462	13676.40	0.0031	P	1.9
9	☐			68.89	0.0000	P	22.7

$$y = 3.1672\text{E-}006 * x + 0.0000\text{E}+000$$

$$R = 0.9999$$

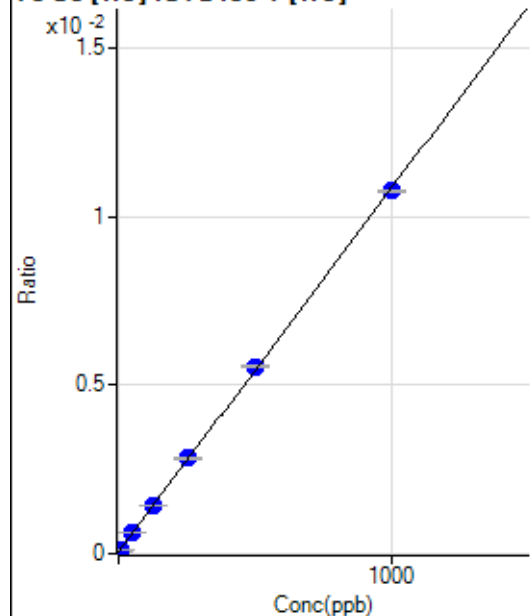
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	275.93	0.0001	P	4.1
2	☐	0.500	0.674	317.91	0.0001	P	6.5
3	☐	5.000	5.868	608.04	0.0001	P	1.5
4	☐	50.000	51.796	3104.04	0.0006	P	2.0
5	☐	125.000	128.587	7115.32	0.0014	P	1.0
6	☐	250.000	257.222	12988.45	0.0028	P	1.2
7	☐	500.000	510.369	23987.91	0.0056	P	1.5
8	☐	1000.000	992.467	46823.01	0.0108	P	0.8
9	☐			364.20	0.0001	P	1.8

$$y = 1.0788\text{E-}005 * x + 5.4904\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.6242$$

$$BEC = 5.089$$

Weight: <None>

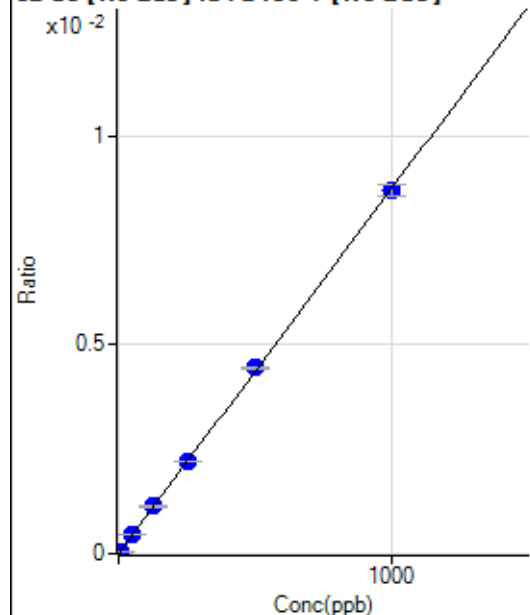
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			16137.04		P	2.6
2	☐			15758.86		P	2.0
3	☐			16373.41		P	1.1
4	☐			16100.85		P	3.2
5	☐			15227.73		P	2.3
6	☐			14602.03		P	3.7
7	☐			13153.40		P	3.2
8	☐			12402.73		P	1.4
9	☐			12958.76		P	1.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			106.78		P	35.5
2	☐			113.45		P	5.1
3	☐			103.44		P	24.4
4	☐			150.15		P	6.7
5	☐			103.44		P	20.1
6	☐			140.15		P	24.7
7	☐			103.44		P	31.1
8	☐			126.80		P	4.6
9	☐			163.51		P	9.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-81.35	0.0000	P	-51.3
2	☐	0.500	0.528	13.81	0.0000	P	1025.
3	☐	5.000	5.422	880.17	0.0000	P	9.5
4	☐	50.000	51.703	9104.47	0.0004	P	2.3
5	☐	125.000	129.328	22607.52	0.0011	P	2.6
6	☐	250.000	252.433	43972.65	0.0022	P	1.5
7	☐	500.000	509.019	83351.75	0.0044	P	1.2
8	☐	1000.000	994.254	158427.61	0.0087	P	3.1
9	☐			676.38	0.0000	P	9.1

$$y = 8.7333\text{E-}006 * x - 3.9818\text{E-}006$$

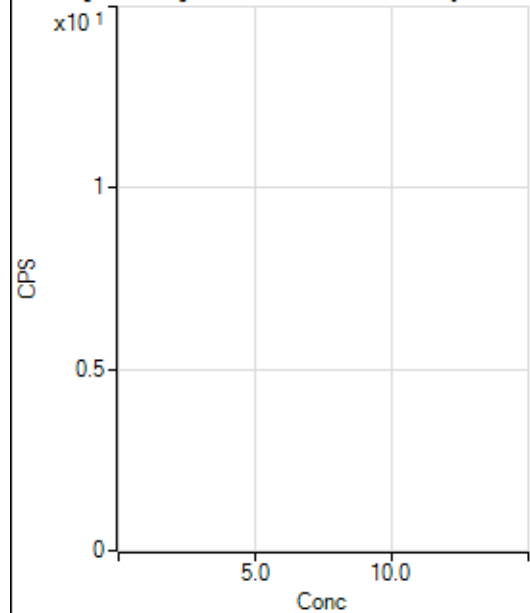
$$R = 0.9999$$

$$DL = 0.7021$$

$$BEC = -0.4559$$

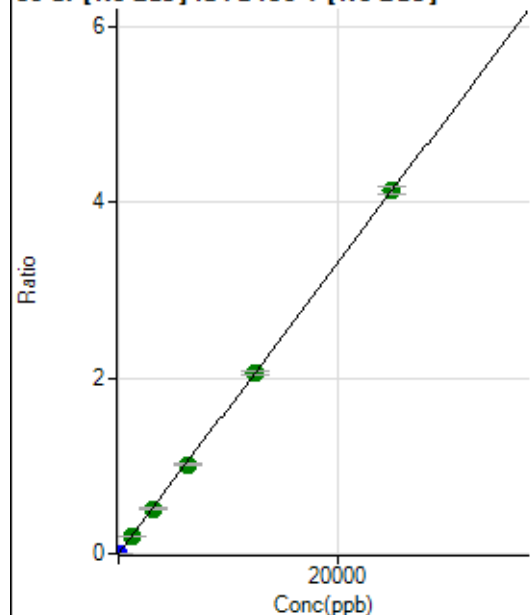
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2153.52		P	2.8
2	☐			2124.62		P	3.2
3	☐			2050.17		P	3.2
4	☐			2077.95		P	3.3
5	☐			1996.82		P	7.5
6	☐			2026.83		P	7.7
7	☐			1830.13		P	7.3
8	☐			1801.24		P	3.6
9	☐			1742.34		P	1.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3550.54	0.0002	P	7.5
2	☐	0.100	0.028	3661.67	0.0002	P	2.5
3	☐	1.000	0.944	6712.83	0.0003	P	0.6
4	☐	1250.000	1241.904	4177408.43	0.2053	A	0.7
5	☐	3125.000	3116.374	10345516.81	0.5150	A	1.6
6	☐	6250.000	6152.968	20311869.38	1.0165	A	1.7
7	☐	12500.000	12497.525	38746520.31	2.0646	A	1.9
8	☐	25000.000	25026.979	75480596.13	4.1342	A	2.1
9	☐			106055.67	0.0060	P	3.4

$$y = 1.6518\text{E-}004 * x + 1.7452\text{E-}004$$

$$R = 1.0000$$

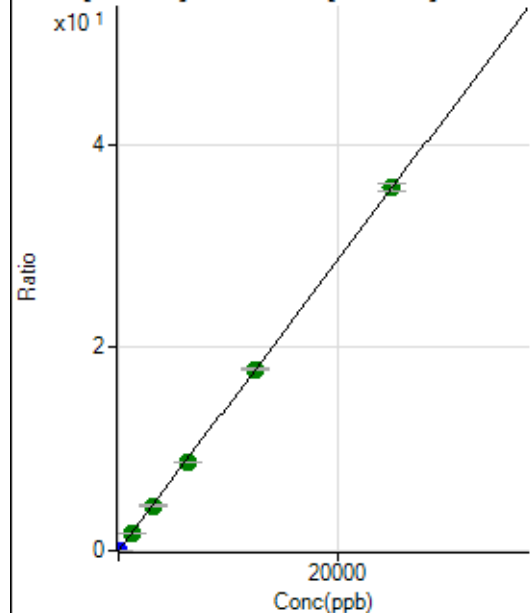
$$DL = 0.2371$$

$$BEC = 1.056$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	302.79	0.0000	P	4.8
2	☐	0.100	0.098	3164.32	0.0002	P	2.7
3	☐	1.000	0.971	28464.24	0.0014	P	3.7
4	☐	1250.000	1239.323	36011618.17	1.7699	A	0.7
5	☐	3125.000	3110.685	89260523.52	4.4424	A	1.0
6	☐	6250.000	6097.592	173994948.3	8.7080	A	1.7
7	☐	12500.000	12497.198	334943607.4	17.8472	A	1.2
8	☐	25000.000	25041.826	652896159.0	35.7621	A	2.3
9	☐			887046.01	0.0503	P	1.7

$$y = 0.0014 * x + 1.4871\text{E-}005$$

$$R = 1.0000$$

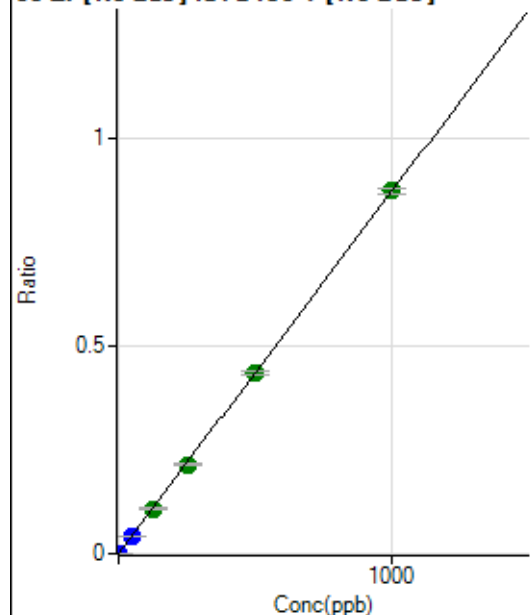
$$DL = 0.001503$$

$$BEC = 0.01041$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	838.94	0.0000	P	3.7
2	☐	0.100	0.086	2366.93	0.0001	P	6.9
3	☐	1.000	0.949	17638.89	0.0009	P	2.2
4	☐	50.000	49.897	885282.28	0.0435	P	1.3
5	☐	125.000	123.869	2168815.98	0.1080	A	1.6
6	☐	250.000	246.245	4287464.12	0.2146	A	1.4
7	☐	500.000	497.539	8134728.48	0.4335	A	2.4
8	☐	1000.000	1002.316	15944645.14	0.8732	A	1.6
9	☐			62715.06	0.0036	P	2.1

$$y = 8.7118\text{E-}004 * x + 4.1222\text{E-}005$$

$$R = 1.0000$$

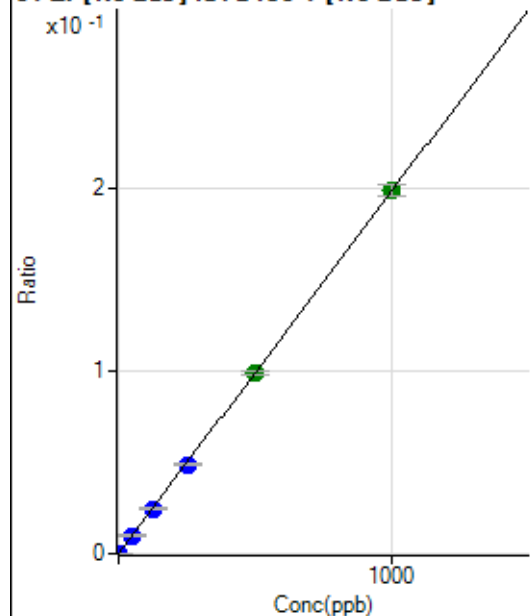
$$DL = 0.00522$$

$$BEC = 0.04732$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	130.56	0.0000	P	41.5
2	☐	0.100	0.086	483.35	0.0000	P	28.8
3	☐	1.000	0.990	4125.69	0.0002	P	3.9
4	☐	50.000	49.852	201528.03	0.0099	P	2.4
5	☐	125.000	124.328	496148.84	0.0247	P	1.5
6	☐	250.000	245.312	973537.75	0.0487	P	1.7
7	☐	500.000	499.402	1861223.96	0.0992	A	1.9
8	☐	1000.000	1001.562	3630665.06	0.1989	A	3.2
9	☐			14098.78	0.0008	P	2.0

$$y = 1.9859\text{E-}004 * x + 6.4285\text{E-}006$$

$$R = 1.0000$$

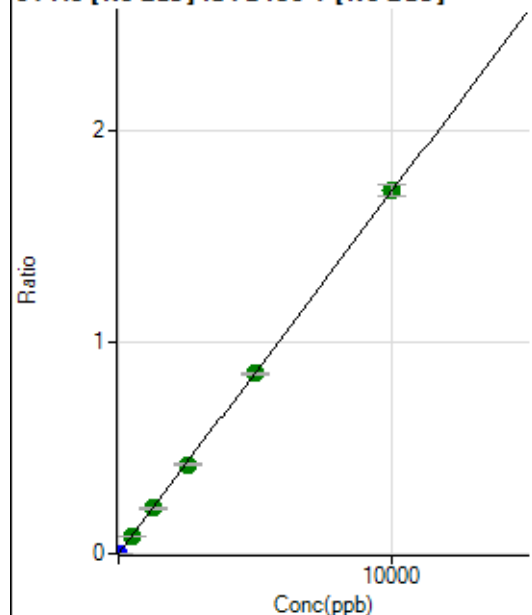
$$DL = 0.04026$$

$$BEC = 0.03237$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	225.01	0.0000	P	23.3
2	☐	0.500	0.600	2322.46	0.0001	P	2.0
3	☐	5.000	5.810	20384.05	0.0010	P	1.5
4	☐	500.000	493.671	1715769.51	0.0843	A	1.5
5	☐	1250.000	1249.613	4287920.32	0.2135	A	2.4
6	☐	2500.000	2457.600	8388847.67	0.4198	A	1.5
7	☐	5000.000	4974.363	15946140.46	0.8497	A	1.1
8	☐	10000.000	10023.783	31254706.95	1.7122	A	3.2
9	☐			114420.64	0.0065	P	1.0

$$y = 1.7082\text{E-}004 * x + 1.1056\text{E-}005$$

$$R = 1.0000$$

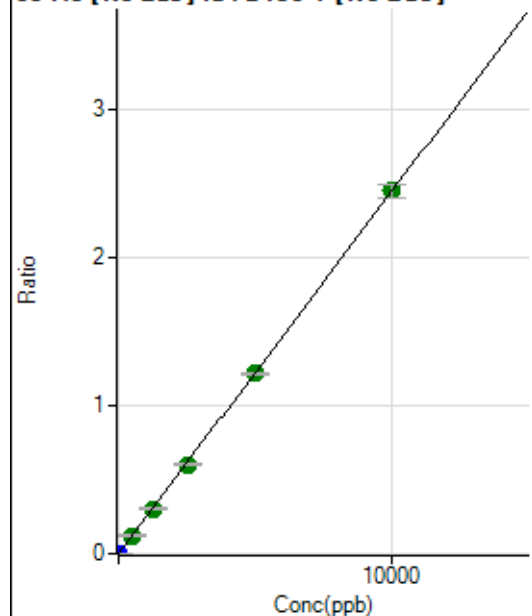
$$DL = 0.04526$$

$$BEC = 0.06472$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.67	0.0000	P	19.0
2	☐	0.500	0.485	2464.17	0.0001	P	1.2
3	☐	5.000	4.999	24835.56	0.0012	P	2.2
4	☐	500.000	500.859	2488566.18	0.1223	A	1.9
5	☐	1250.000	1240.405	6085408.51	0.3030	A	2.6
6	☐	2500.000	2462.522	12018251.31	0.6014	A	1.6
7	☐	5000.000	4974.086	22798496.00	1.2148	A	0.9
8	☐	10000.000	10023.483	44682921.83	2.4481	A	3.5
9	☐			160460.97	0.0091	P	1.4

$$y = 2.4423\text{E-}004 * x + 2.0442\text{E-}006$$

$$R = 1.0000$$

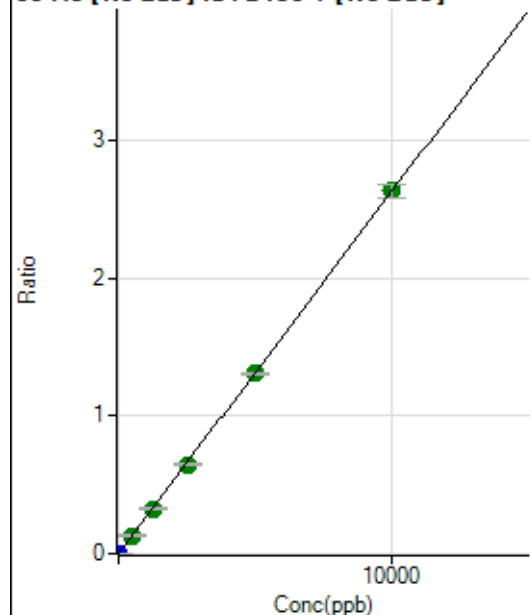
$$DL = 0.004759$$

$$BEC = 0.00837$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.78	0.0000	P	27.6
2	☐	0.500	0.487	2719.76	0.0001	P	4.5
3	☐	5.000	5.144	27548.78	0.0014	P	2.5
4	☐	500.000	500.547	2675581.27	0.1315	A	1.9
5	☐	1250.000	1241.153	6551624.06	0.3261	A	1.6
6	☐	2500.000	2465.043	12941539.44	0.6477	A	1.9
7	☐	5000.000	4970.917	24510639.61	1.3061	A	1.7
8	☐	10000.000	10024.359	48074069.82	2.6339	A	3.5
9	☐			177311.54	0.0100	P	1.3

$$y = 2.6275E-004 * x + 5.0423E-006$$

$$R = 1.0000$$

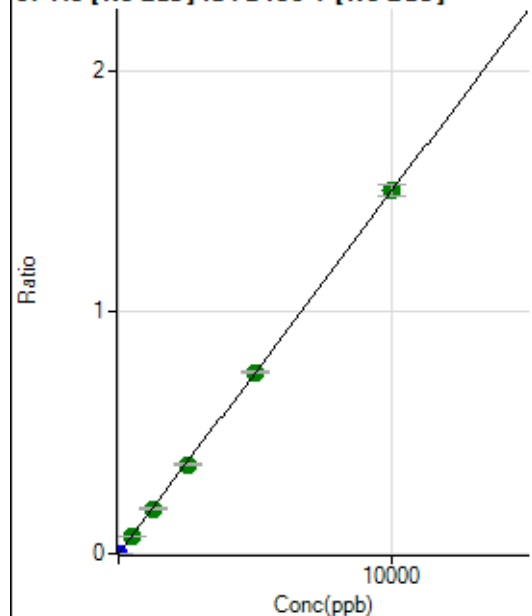
$$DL = 0.0159$$

$$BEC = 0.01919$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	56.6
2	☐	0.500	0.506	1572.35	0.0001	P	13.8
3	☐	5.000	5.021	15311.24	0.0008	P	0.7
4	☐	500.000	491.854	1499474.11	0.0737	A	3.2
5	☐	1250.000	1242.046	3739694.36	0.1862	A	2.2
6	☐	2500.000	2454.384	7349947.21	0.3679	A	2.2
7	☐	5000.000	5001.292	14067175.66	0.7496	A	1.5
8	☐	10000.000	10012.159	27391635.34	1.5006	A	3.3
9	☐			98845.66	0.0056	P	2.2

$$y = 1.4988E-004 * x + 1.2236E-006$$

$$R = 1.0000$$

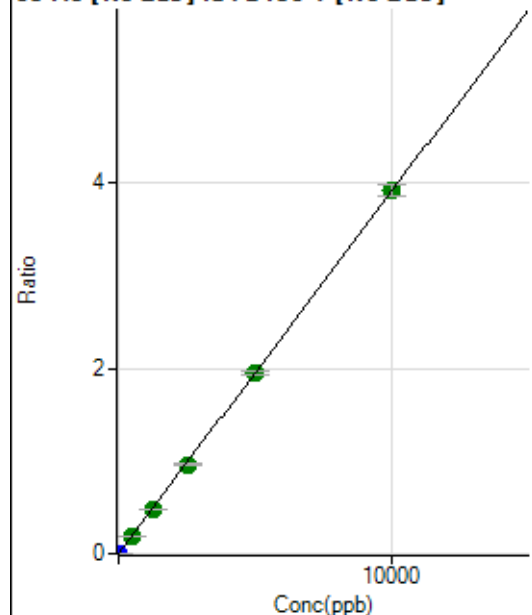
$$DL = 0.01386$$

$$BEC = 0.008164$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	44.45	0.0000	P	47.9
2	☐	0.500	0.462	3739.47	0.0002	P	2.4
3	☐	5.000	5.054	40203.24	0.0020	P	1.2
4	☐	500.000	497.103	3955889.28	0.1944	A	1.4
5	☐	1250.000	1233.663	9693504.38	0.4825	A	2.0
6	☐	2500.000	2460.491	19227861.37	0.9624	A	2.4
7	☐	5000.000	4991.008	36634990.75	1.9522	A	1.7
8	☐	10000.000	10016.560	71513609.93	3.9178	A	3.3
9	☐			254249.64	0.0144	P	1.5

$$y = 3.9114\text{E-}004 * x + 2.1869\text{E-}006$$

$$R = 1.0000$$

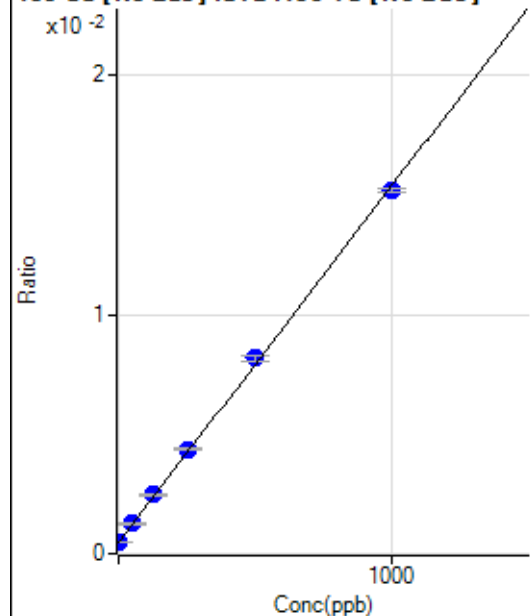
$$DL = 0.008033$$

$$BEC = 0.005591$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7974.62	0.0005	P	1.3
2	☐	0.100	0.674	8108.03	0.0005	P	0.5
3	☐	1.000	1.328	8252.54	0.0005	P	1.3
4	☐	50.000	53.772	22067.20	0.0013	P	3.4
5	☐	125.000	134.274	42916.96	0.0025	P	2.2
6	☐	250.000	262.582	76965.19	0.0044	P	2.4
7	☐	500.000	517.934	139645.70	0.0082	P	2.7
8	☐	1000.000	986.539	257938.72	0.0152	P	1.2
9	☐			7538.26	0.0005	P	1.9

$$y = 1.4914\text{E-}005 * x + 4.6327\text{E-}004$$

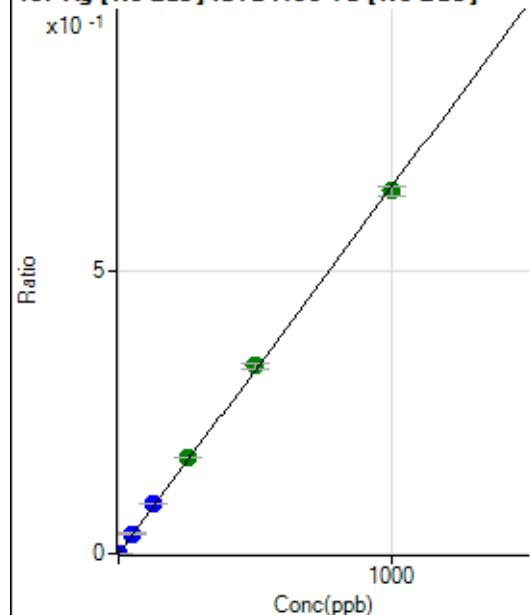
$$R = 0.9997$$

$$DL = 1.23$$

$$BEC = 31.06$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	100.00	0.0000	P	16.5
2	☐	0.100	0.074	919.49	0.0001	P	10.0
3	☐	1.000	1.037	11593.83	0.0007	P	4.2
4	☐	50.000	54.954	621789.37	0.0356	P	1.8
5	☐	125.000	136.544	1541634.75	0.0886	P	1.1
6	☐	250.000	262.975	2998260.31	0.1706	A	1.0
7	☐	500.000	511.592	5659262.11	0.3318	A	2.7
8	☐	1000.000	989.269	10902549.20	0.6416	A	2.4
9	☐			38702.43	0.0024	P	3.5

$$y = 6.4858\text{E-}004 * x + 5.8087\text{E-}006$$

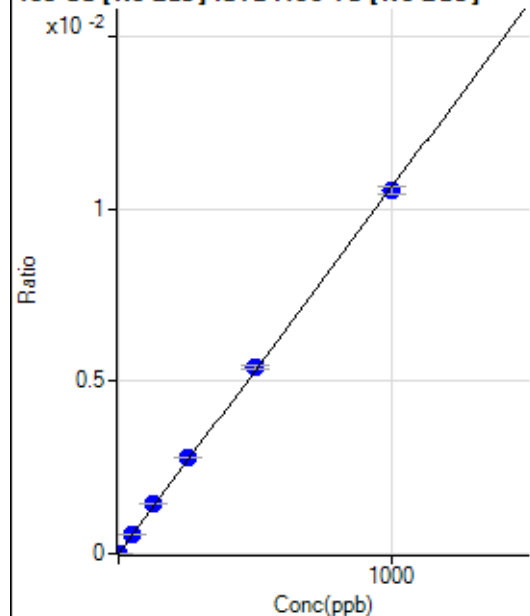
$$R = 0.9998$$

$$DL = 0.004431$$

$$BEC = 0.008956$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61.11	0.0000	P	44.2
2	☐	0.100	0.085	76.39	0.0000	P	9.9
3	☐	1.000	1.167	272.23	0.0000	P	17.5
4	☐	50.000	53.356	9957.70	0.0006	P	0.4
5	☐	125.000	136.674	25355.68	0.0015	P	2.9
6	☐	250.000	262.971	49215.38	0.0028	P	1.2
7	☐	500.000	509.371	92441.19	0.0054	P	2.7
8	☐	1000.000	990.445	179029.85	0.0105	P	2.2
9	☐			722.25	0.0000	P	2.6

$$y = 1.0634\text{E-}005 * x + 3.5516\text{E-}006$$

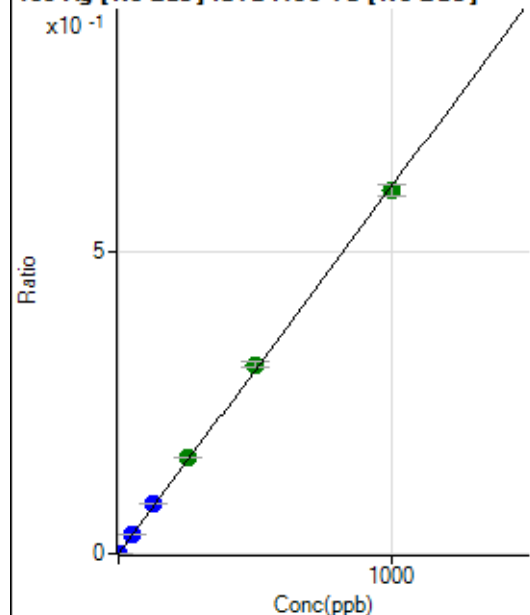
$$R = 0.9998$$

$$DL = 0.4431$$

$$BEC = 0.334$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	138.4
2	☐	0.100	0.075	805.60	0.0000	P	11.1
3	☐	1.000	1.036	10809.82	0.0006	P	8.1
4	☐	50.000	54.785	582362.13	0.0334	P	0.6
5	☐	125.000	136.441	1447420.25	0.0832	P	1.1
6	☐	250.000	262.259	2809176.13	0.1598	A	1.5
7	☐	500.000	514.234	5345006.50	0.3134	A	2.7
8	☐	1000.000	988.149	10231682.35	0.6022	A	3.0
9	☐			36931.14	0.0023	P	1.2

$$y = 6.0944\text{E-}004 * x + 1.1412\text{E-}006$$

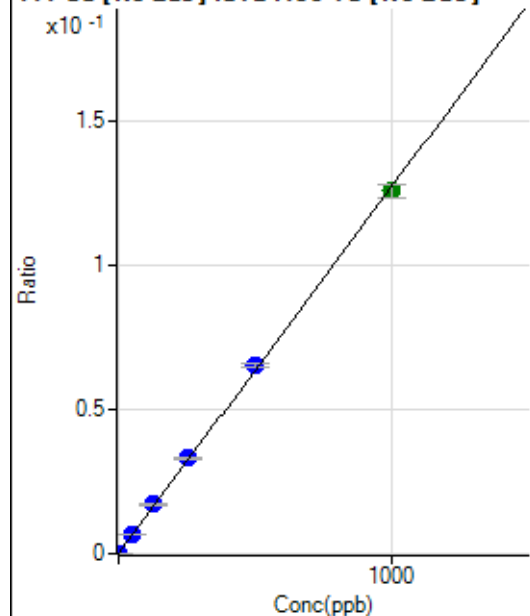
$$R = 0.9997$$

$$DL = 0.007774$$

$$BEC = 0.001873$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1575.76	0.0001	P	2.2
2	☐	0.100	0.115	1818.14	0.0001	P	2.6
3	☐	1.000	1.127	4012.99	0.0002	P	1.4
4	☐	50.000	53.711	120771.35	0.0069	P	0.4
5	☐	125.000	133.950	298138.78	0.0171	P	2.8
6	☐	250.000	259.953	582861.97	0.0332	P	1.2
7	☐	500.000	513.864	1116574.42	0.0655	P	2.0
8	☐	1000.000	989.276	2139575.21	0.1259	A	3.4
9	☐			8843.19	0.0005	P	0.4

$$y = 1.2721\text{E-}004 * x + 9.1544\text{E-}005$$

$$R = 0.9998$$

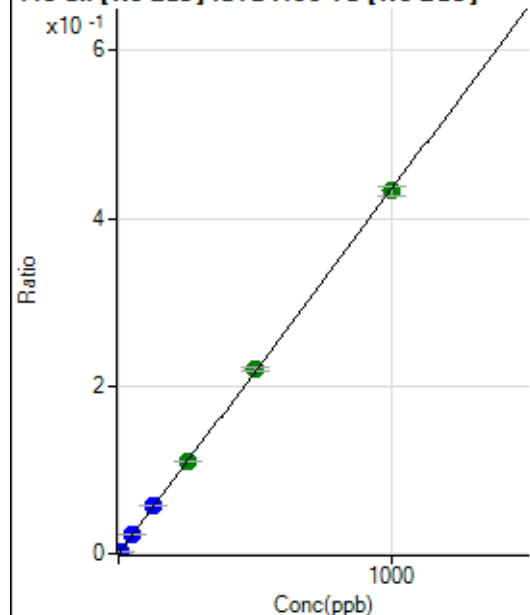
$$DL = 0.04714$$

$$BEC = 0.7196$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	863.94	0.0001	P	10.5
2	☐	0.500	0.487	4481.38	0.0003	P	2.3
3	☐	5.000	5.250	39833.74	0.0023	P	1.1
4	☐	50.000	52.566	399359.82	0.0229	P	0.4
5	☐	125.000	130.387	987276.03	0.0567	P	1.5
6	☐	250.000	252.346	1928779.88	0.1097	A	0.8
7	☐	500.000	506.570	3756041.10	0.2202	A	2.8
8	☐	1000.000	995.326	7350909.45	0.4327	A	2.9
9	☐			32097.57	0.0020	P	1.4

$$y = 4.3463\text{E-}004 * x + 5.0211\text{E-}005$$

$$R = 1.0000$$

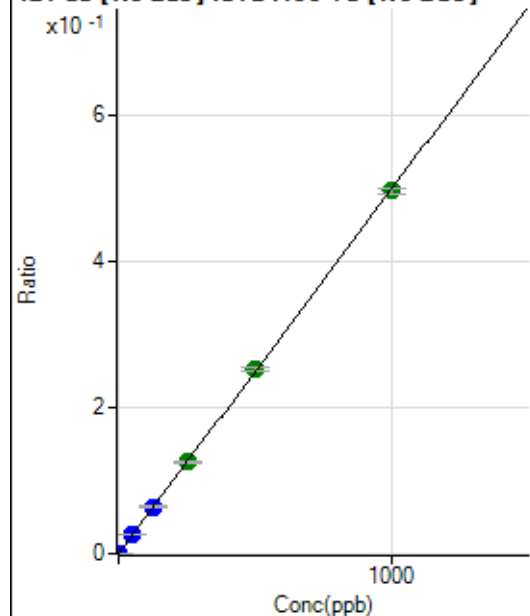
$$DL = 0.03633$$

$$BEC = 0.1155$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00	0.0000	P	72.4
2	☐	0.200	0.193	1697.36	0.0001	P	5.1
3	☐	2.000	2.063	17641.79	0.0010	P	4.1
4	☐	50.000	51.440	448123.85	0.0257	P	0.2
5	☐	125.000	128.805	1119719.04	0.0643	P	1.6
6	☐	250.000	252.412	2215401.46	0.1261	A	2.7
7	☐	500.000	506.913	4317799.31	0.2532	A	3.0
8	☐	1000.000	995.393	8448322.93	0.4971	A	1.7
9	☐			36004.00	0.0022	P	0.4

$$y = 4.9943\text{E-}004 * x + 2.8882\text{E-}006$$

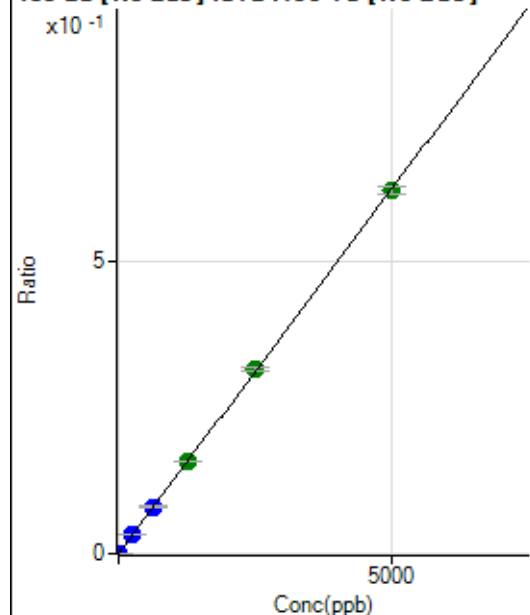
$$R = 1.0000$$

$$DL = 0.01255$$

$$BEC = 0.005783$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0000	P	24.0
2	☐	1.000	0.944	2050.20	0.0001	P	4.1
3	☐	10.000	10.154	21605.78	0.0013	P	1.6
4	☐	250.000	257.965	559438.33	0.0321	P	0.6
5	☐	625.000	643.197	1392101.72	0.0800	P	1.1
6	☐	1250.000	1267.751	2770517.99	0.1576	A	1.4
7	☐	2500.000	2529.954	5365390.36	0.3146	A	2.2
8	☐	5000.000	4977.912	10517657.87	0.6189	A	2.1
9	☐			41199.33	0.0025	P	1.1

$$y = 1.2434\text{E-}004 * x + 2.2565\text{E-}006$$

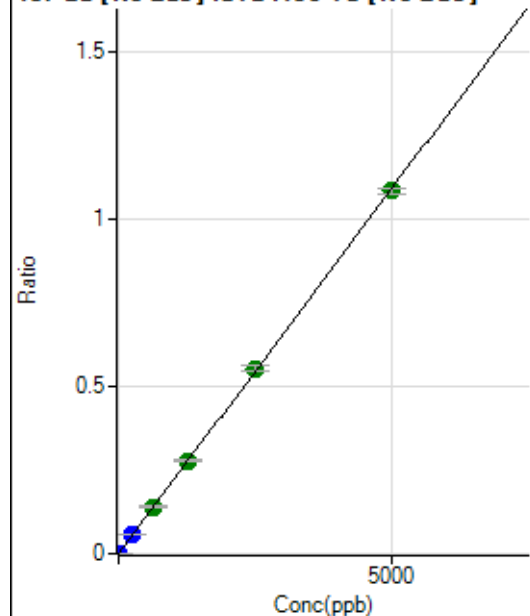
$$R = 1.0000$$

$$DL = 0.01308$$

$$BEC = 0.01815$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	75.00	0.0000	P	60.0
2	☐	1.000	0.941	3581.09	0.0002	P	3.4
3	☐	10.000	10.062	37489.02	0.0022	P	0.7
4	☐	250.000	256.837	975090.05	0.0559	P	0.9
5	☐	625.000	642.343	2433253.46	0.1398	A	2.2
6	☐	1250.000	1268.217	4851028.54	0.2760	A	2.2
7	☐	2500.000	2538.786	9424286.75	0.5526	A	2.7
8	☐	5000.000	4973.543	18396022.46	1.0825	A	1.8
9	☐			71625.10	0.0044	P	0.2

$$y = 2.1765\text{E-}004 * x + 4.3762\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.03621$$

$$BEC = 0.02011$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

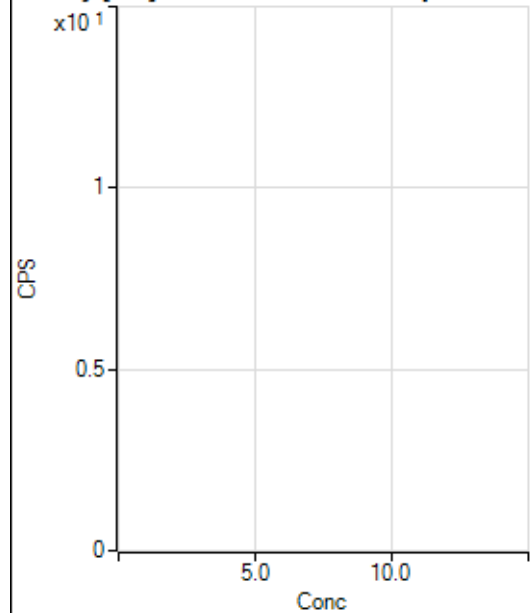
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	100.0
2	☐			8.89		P	86.6
3	☐			22.22		P	45.8
4	☐			35.55		P	10.8
5	☐			106.67		P	6.3
6	☐			224.45		P	12.0
7	☐			408.91		P	19.1
8	☐			657.81		P	9.9
9	☐			93.33		P	32.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.56		P	34.7
2	☐			5.55		P	69.3
3	☐			7.78		P	49.5
4	☐			15.56		P	49.5
5	☐			41.11		P	4.7
6	☐			51.11		P	33.5
7	☐			97.78		P	16.1
8	☐			155.56		P	13.8
9	☐			70.00		P	33.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.89		P	91.6
2	☐			13.89		P	34.7
3	☐			8.33		P	173.2
4	☐			41.67		P	0.0
5	☐			83.34		P	10.0
6	☐			105.56		P	12.1
7	☐			244.45		P	10.4
8	☐			463.91		P	11.0
9	☐			1116.74		P	9.0

156 Dy [He] No available calibration points

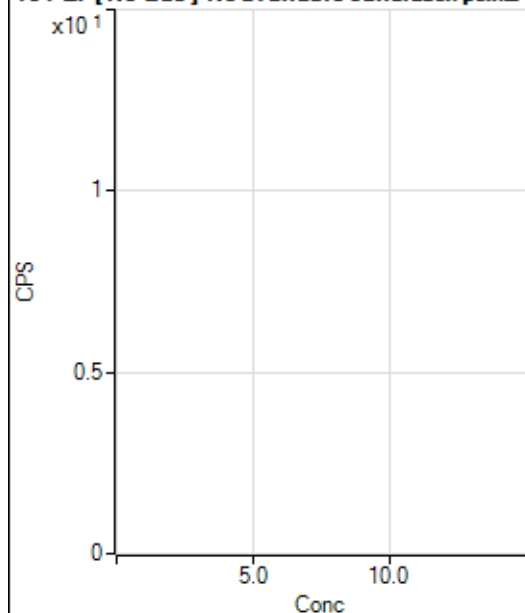
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.55		P	69.3
2	☐			2.22		P	173.2
3	☐			7.78		P	24.7
4	☐			44.45		P	15.6
5	☐			53.33		P	6.3
6	☐			114.45		P	22.1
7	☐			206.67		P	11.3
8	☐			430.01		P	8.6
9	☐			717.80		P	9.2

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

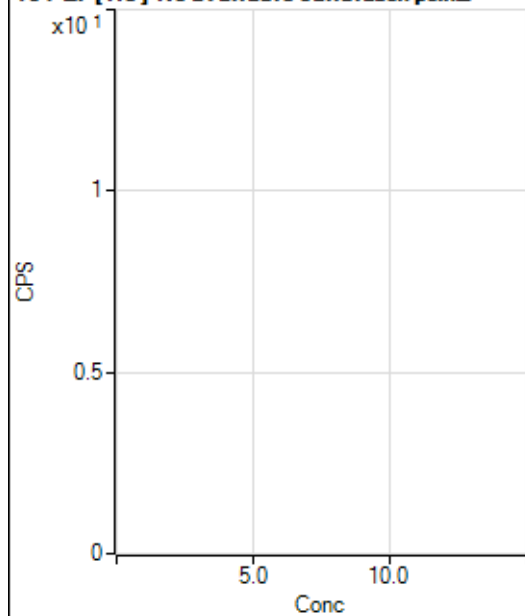
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			141.67		P	25.6
2	☐			122.23		P	27.6
3	☐			122.22		P	31.5
4	☐			161.12		P	10.8
5	☐			177.78		P	5.4
6	☐			213.90		P	27.4
7	☐			261.12		P	10.3
8	☐			333.35		P	17.5
9	☐			797.27		P	7.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			363.34		P	9.7
2	☐			396.68		P	2.2
3	☐			297.78		P	2.8
4	☐			332.23		P	4.1
5	☐			386.68		P	6.0
6	☐			324.45		P	11.9
7	☐			365.56		P	4.1
8	☐			421.12		P	4.4
9	☐			846.70		P	4.3

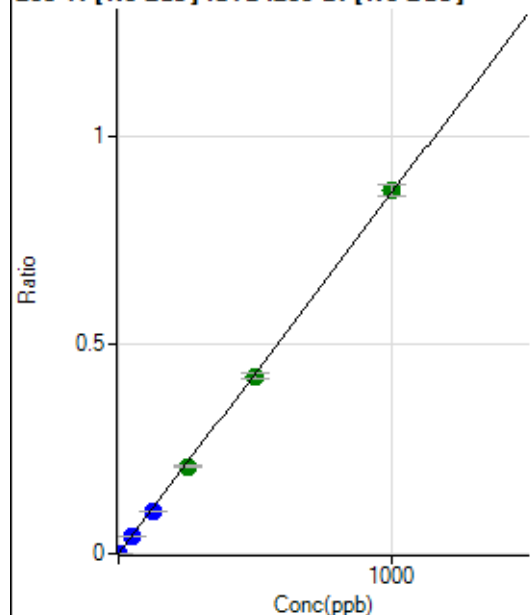
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			133.34		P	16.5
2	☐			155.56		P	18.8
3	☐			122.23		P	55.1
4	☐			102.78		P	41.6
5	☐			147.23		P	28.5
6	☐			130.56		P	24.2
7	☐			161.12		P	13.0
8	☐			200.01		P	7.2
9	☐			227.78		P	14.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			75.56		P	22.6
2	☐			111.11		P	22.9
3	☐			71.11		P	11.8
4	☐			81.11		P	21.1
5	☐			87.78		P	11.6
6	☐			111.11		P	24.2
7	☐			107.78		P	17.0
8	☐			157.78		P	3.2
9	☐			128.89		P	11.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	422.24	0.0000	P	12.0
2	☐	0.100	0.087	1247.31	0.0001	P	8.2
3	☐	1.000	0.913	9025.45	0.0008	P	1.0
4	☐	50.000	46.887	442737.56	0.0405	P	0.3
5	☐	125.000	116.664	1125466.85	0.1007	P	0.5
6	☐	250.000	242.656	2334126.40	0.2093	A	0.5
7	☐	500.000	492.830	4689641.60	0.4251	A	2.6
8	☐	1000.000	1006.619	9273970.17	0.8682	A	3.0
9	☐			32508.82	0.0034	P	2.1

$$y = 8.6249E-004 * x + 3.8300E-005$$

$$R = 0.9999$$

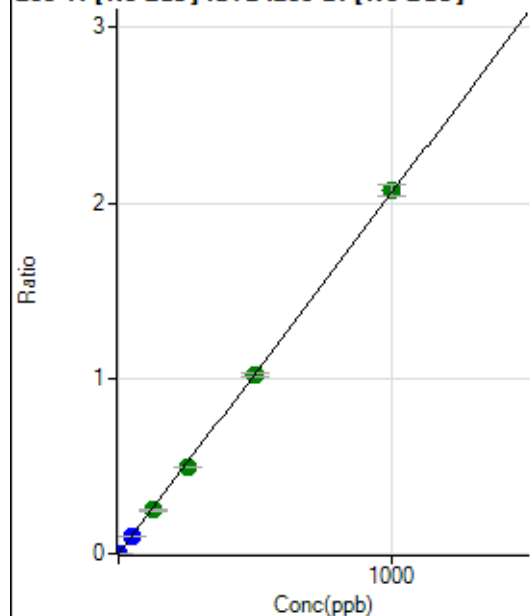
$$DL = 0.01597$$

$$BEC = 0.04441$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1147.31	0.0001	P	15.3
2	☐	0.100	0.080	2944.86	0.0003	P	3.9
3	☐	1.000	0.916	21731.77	0.0020	P	3.9
4	☐	50.000	47.247	1064996.23	0.0974	P	0.5
5	☐	125.000	120.075	2764890.60	0.2473	A	0.7
6	☐	250.000	241.183	5537646.74	0.4966	A	0.2
7	☐	500.000	495.473	11254007.28	1.0201	A	2.2
8	☐	1000.000	1005.221	22104132.09	2.0695	A	3.1
9	☐			78761.87	0.0083	P	1.1

$$y = 0.0021 * x + 1.0412E-004$$

$$R = 0.9999$$

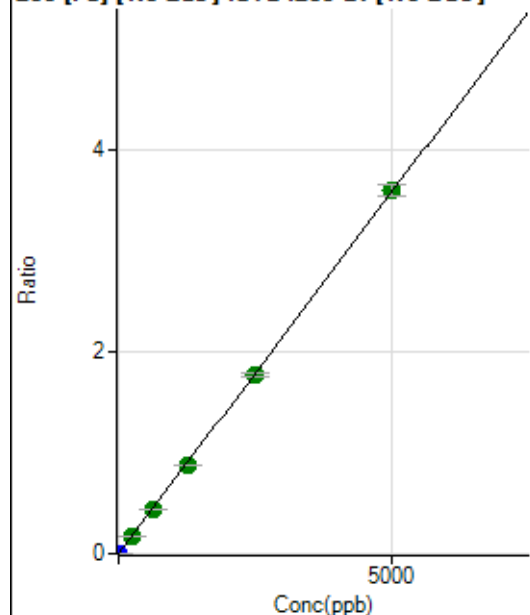
$$DL = 0.0232$$

$$BEC = 0.05058$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	327.79	0.0000	P	7.0
2	☐	0.100	0.094	1063.02	0.0001	P	2.6
3	☐	1.000	0.932	7604.09	0.0007	P	2.7
4	☐	250.000	242.705	1897806.51	0.1735	A	1.4
5	☐	625.000	608.076	4859681.82	0.4346	A	0.9
6	☐	1250.000	1215.072	9684161.79	0.8685	A	0.6
7	☐	2500.000	2478.566	19542658.54	1.7715	A	3.0
8	☐	5000.000	5021.929	38339425.40	3.5894	A	3.0
9	☐			123888.72	0.0130	P	1.2

$$y = 7.1474\text{E-}004 * x + 2.9755\text{E-}005$$

$$R = 1.0000$$

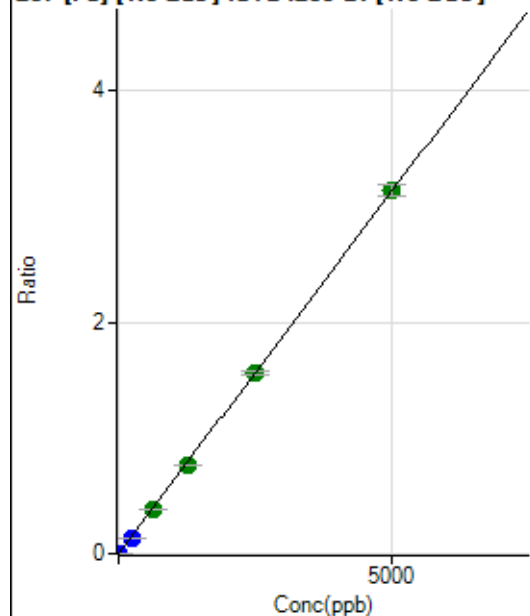
$$DL = 0.008687$$

$$BEC = 0.04163$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	272.23	0.0000	P	24.1
2	☐	0.100	0.092	903.75	0.0001	P	4.2
3	☐	1.000	0.901	6422.01	0.0006	P	2.2
4	☐	250.000	223.966	1531306.73	0.1400	P	1.5
5	☐	625.000	604.775	4226297.84	0.3780	A	0.4
6	☐	1250.000	1215.435	8470269.34	0.7596	A	0.7
7	☐	2500.000	2498.103	17224590.66	1.5613	A	2.3
8	☐	5000.000	5013.419	33467783.39	3.1333	A	3.1
9	☐			104713.38	0.0110	P	1.0

$$y = 6.2497\text{E-}004 * x + 2.4736\text{E-}005$$

$$R = 1.0000$$

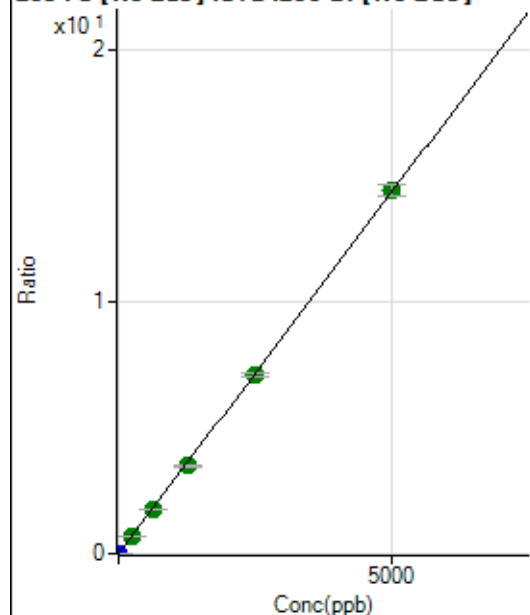
$$DL = 0.02864$$

$$BEC = 0.03958$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1359.31	0.0001	P	3.1
2	☐	0.100	0.090	4185.50	0.0004	P	2.4
3	☐	1.000	0.908	29844.81	0.0027	P	1.8
4	☐	250.000	238.345	7486861.37	0.6845	A	0.9
5	☐	625.000	604.889	19421195.98	1.7370	A	0.1
6	☐	1250.000	1213.812	38864468.40	3.4854	A	0.6
7	☐	2500.000	2481.570	78612939.95	7.1255	A	2.1
8	☐	5000.000	5021.359	154003462.4	14.4181	A	3.2
9	☐			488465.32	0.0512	P	0.9

$$y = 0.0029 * x + 1.2337E-004$$

$$R = 1.0000$$

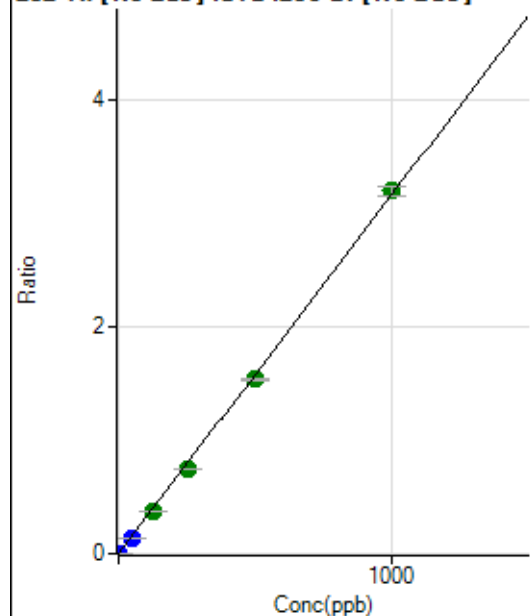
$$DL = 0.004049$$

$$BEC = 0.04297$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	466.68	0.0000	P	13.0
2	☐	0.100	0.075	3046.70	0.0003	P	2.2
3	☐	1.000	0.781	27413.86	0.0025	P	3.4
4	☐	50.000	41.193	1423408.28	0.1301	P	2.0
5	☐	125.000	116.617	4118209.73	0.3683	A	0.7
6	☐	250.000	234.751	8266888.90	0.7414	A	0.8
7	☐	500.000	487.188	16977516.35	1.5386	A	0.9
8	☐	1000.000	1011.707	34127567.66	3.1950	A	2.9
9	☐			100580.07	0.0105	P	1.2

$$y = 0.0032 * x + 4.2379E-005$$

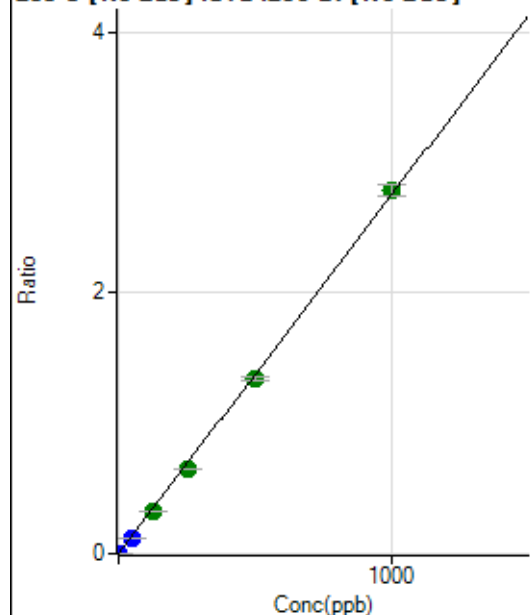
$$R = 0.9997$$

$$DL = 0.005224$$

$$BEC = 0.01342$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	33.33	0.0000	P	24.3
2	☐	0.100	0.079	2400.30	0.0002	P	4.7
3	☐	1.000	0.815	24515.70	0.0022	P	3.0
4	☐	50.000	41.238	1239667.35	0.1133	P	1.9
5	☐	125.000	116.853	3590813.25	0.3211	A	1.3
6	☐	250.000	234.225	7177684.93	0.6437	A	0.4
7	☐	500.000	487.885	14794639.22	1.3408	A	1.3
8	☐	1000.000	1011.458	29688707.96	2.7797	A	3.2
9	☐			90462.30	0.0095	P	0.9

$$y = 0.0027 * x + 3.0208E-006$$

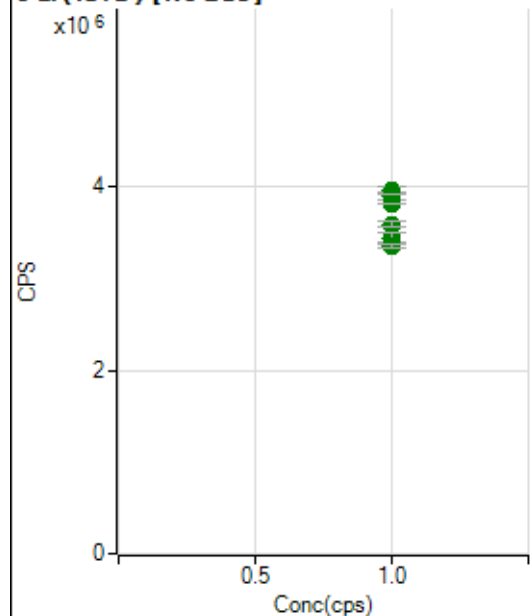
$$R = 0.9997$$

$$DL = 0.0008006$$

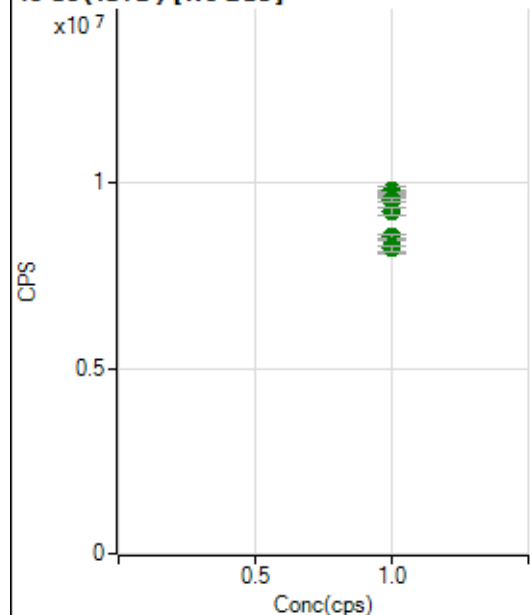
$$BEC = 0.001099$$

Weight: <None>

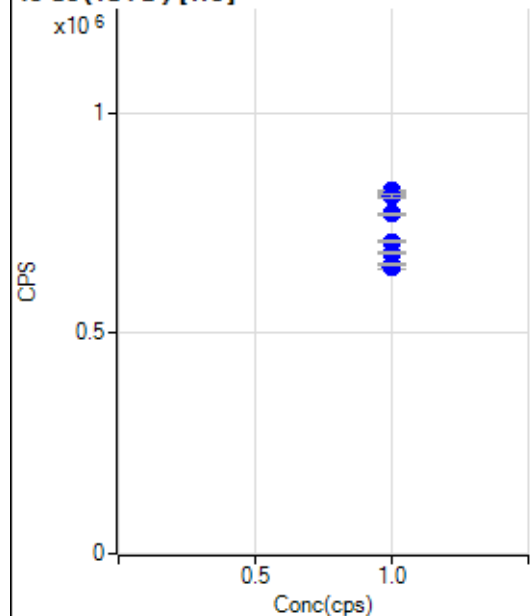
Min Conc: 0

6 Li (ISTD) [No Gas]

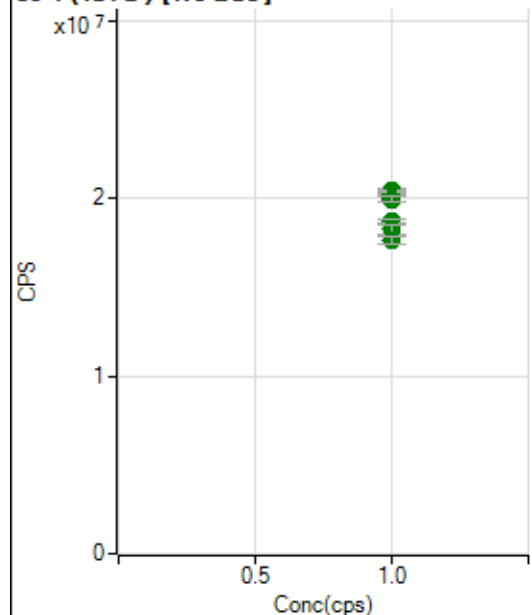
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3936694.98		A	0.4
2	☐	1.000		3894049.66		A	1.9
3	☐	1.000		3956376.57		A	2.3
4	☐	1.000		3936198.52		A	0.4
5	☐	1.000		3890356.92		A	1.3
6	☐	1.000		3820726.61		A	0.3
7	☐	1.000		3593107.69		A	1.5
8	☐	1.000		3443943.80		A	3.0
9	☐	1.000		3363120.96		A	1.2

45 Sc (ISTD) [No Gas]

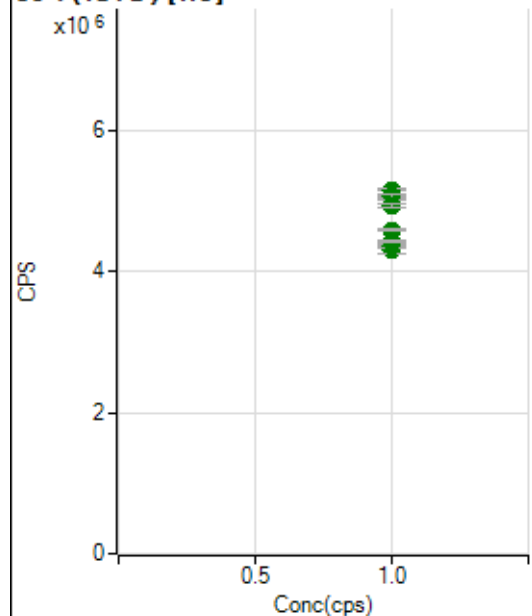
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9784023.46		A	0.9
2	☐	1.000		9698921.11		A	1.9
3	☐	1.000		9798542.01		A	2.4
4	☐	1.000		9725599.09		A	0.6
5	☐	1.000		9559734.02		A	1.4
6	☐	1.000		9221408.06		A	2.3
7	☐	1.000		8570966.95		A	0.8
8	☐	1.000		8284375.85		A	4.1
9	☐	1.000		8253456.55		A	1.8

45 Sc (ISTD) [He]

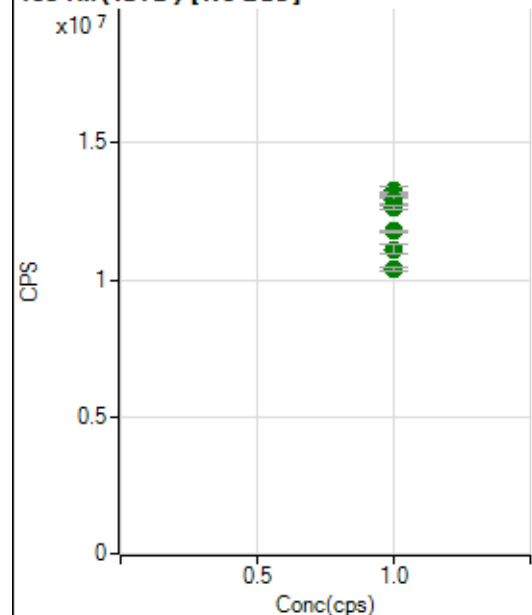
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		813803.67		P	0.8
2	☐	1.000		816635.15		P	0.7
3	☐	1.000		822437.43		P	0.1
4	☐	1.000		810851.47		P	0.6
5	☐	1.000		769464.75		P	0.5
6	☐	1.000		707114.82		P	0.8
7	☐	1.000		649241.61		P	0.9
8	☐	1.000		655452.23		P	0.9
9	☐	1.000		681941.33		P	0.9

89 Y (ISTD) [No Gas]

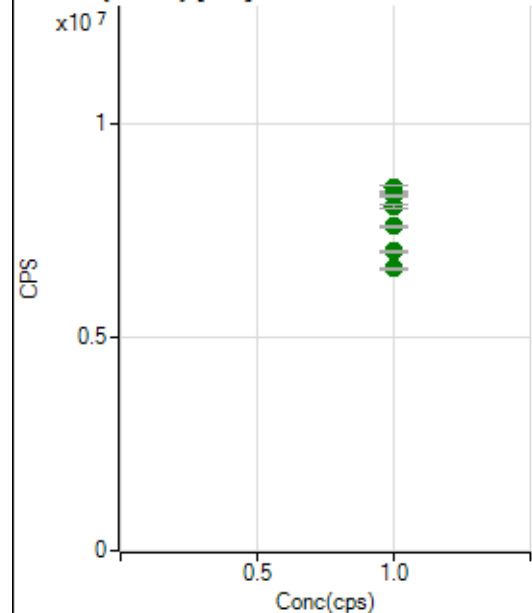
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		20355350.81		A	1.1
2	☐	1.000		20443712.89		A	1.4
3	☐	1.000		20313313.31		A	1.6
4	☐	1.000		20347623.45		A	1.8
5	☐	1.000		20095002.20		A	2.4
6	☐	1.000		19985794.98		A	2.0
7	☐	1.000		18767400.14		A	0.8
8	☐	1.000		18264820.15		A	3.0
9	☐	1.000		17654522.51		A	2.1

89 Y (ISTD) [He]

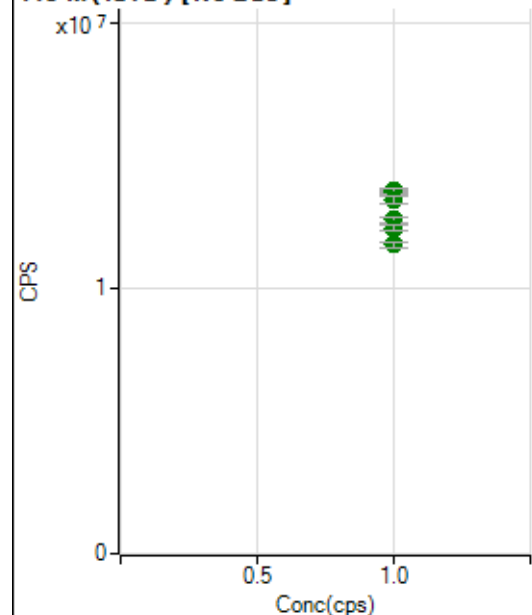
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5026482.53		A	0.7
2	☐	1.000		5110046.59		A	1.6
3	☐	1.000		5143145.06		A	1.5
4	☐	1.000		5058043.15		A	1.1
5	☐	1.000		4934354.48		A	1.2
6	☐	1.000		4589790.00		A	0.3
7	☐	1.000		4314720.94		A	2.3
8	☐	1.000		4351155.84		A	1.2
9	☐	1.000		4421134.93		A	0.8

103 Rh (ISTD) [No Gas]

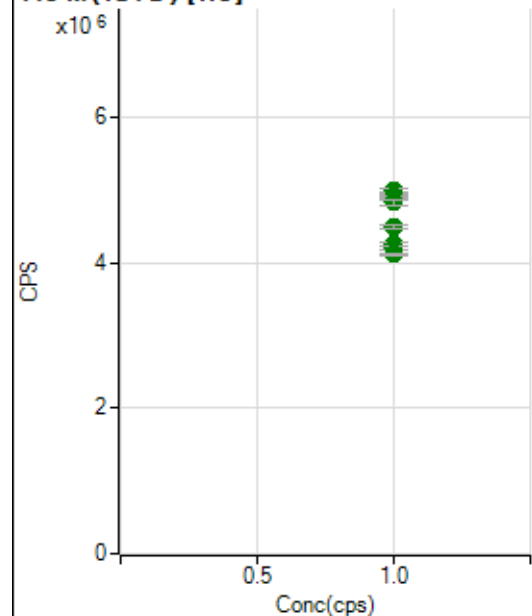
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		13134169.11		A	1.2
2	☐	1.000		13077914.11		A	1.2
3	☐	1.000		13245685.08		A	2.6
4	☐	1.000		13159024.53		A	0.9
5	☐	1.000		12921155.50		A	1.9
6	☐	1.000		12658062.31		A	1.2
7	☐	1.000		11762126.91		A	0.9
8	☐	1.000		11109622.68		A	3.1
9	☐	1.000		10366626.93		A	1.4

103 Rh (ISTD) [He]

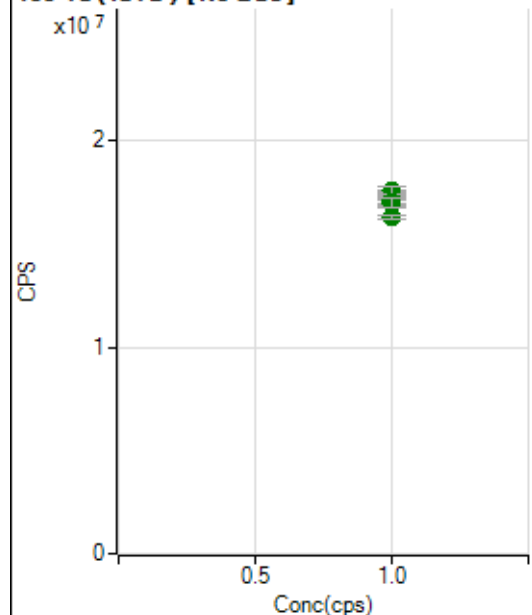
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8351671.40		A	1.1
2	☐	1.000		8394387.51		A	0.4
3	☐	1.000		8497288.97		A	1.8
4	☐	1.000		8314394.04		A	0.8
5	☐	1.000		8068196.75		A	0.9
6	☐	1.000		7594546.07		A	0.6
7	☐	1.000		7022427.12		A	0.6
8	☐	1.000		7004887.95		A	0.7
9	☐	1.000		6606891.36		A	0.7

115 In (ISTD) [No Gas]

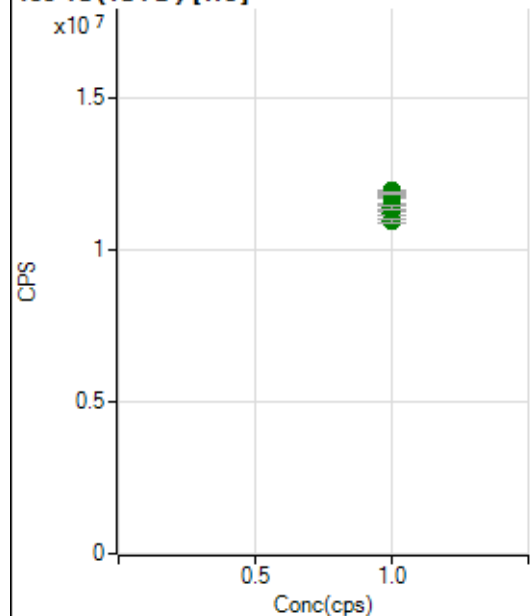
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		13640517.06		A	0.1
2	☐	1.000		13635899.47		A	1.2
3	☐	1.000		13621196.02		A	1.8
4	☐	1.000		13652730.55		A	1.4
5	☐	1.000		13662773.22		A	1.7
6	☐	1.000		13326642.51		A	2.3
7	☐	1.000		12566326.79		A	1.3
8	☐	1.000		12266780.65		A	1.9
9	☐	1.000		11638043.47		A	2.0

115 In (ISTD) [He]

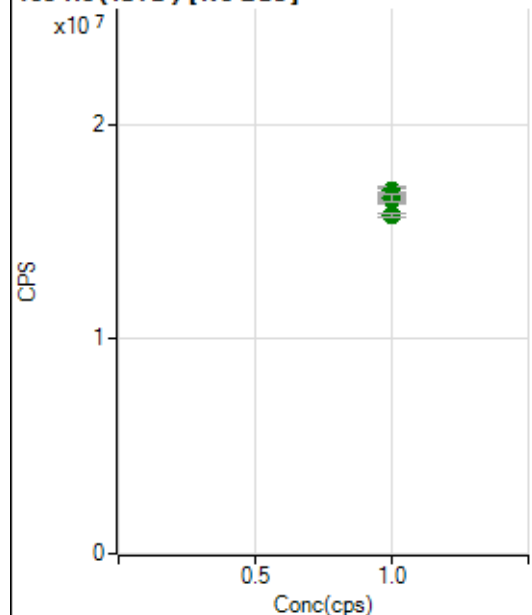
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4939732.97		A	0.6
2	☐	1.000		4916353.76		A	1.0
3	☐	1.000		4995229.21		A	1.0
4	☐	1.000		4913258.38		A	0.6
5	☐	1.000		4834979.26		A	1.6
6	☐	1.000		4492489.31		A	1.2
7	☐	1.000		4262096.97		A	0.7
8	☐	1.000		4215388.76		A	1.4
9	☐	1.000		4122513.52		A	0.9

159 Tb (ISTD) [No Gas]

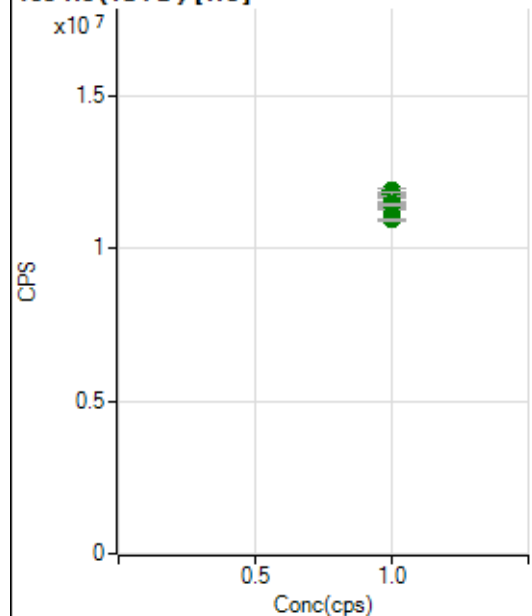
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		17215648.22		A	1.2
2	☐	1.000		17129443.08		A	1.5
3	☐	1.000		17083627.53		A	1.7
4	☐	1.000		17441191.69		A	0.8
5	☐	1.000		17408963.77		A	1.9
6	☐	1.000		17579565.02		A	2.1
7	☐	1.000		17061032.39		A	2.0
8	☐	1.000		16999462.66		A	2.8
9	☐	1.000		16273481.01		A	1.1

159 Tb (ISTD) [He]

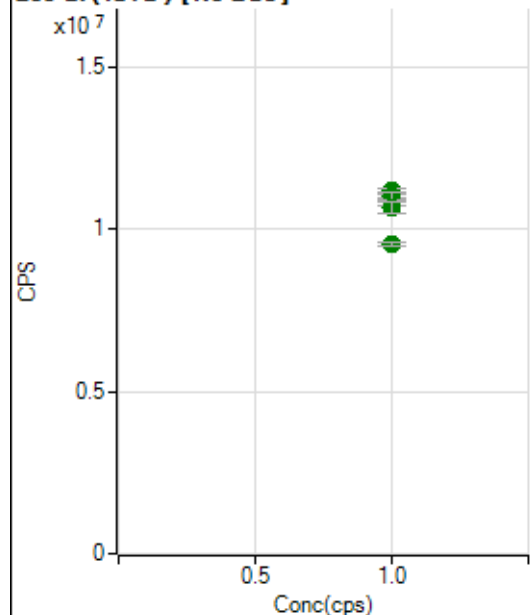
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11704048.44		A	0.3
2	☐	1.000		11861424.69		A	0.3
3	☐	1.000		11918475.38		A	0.6
4	☐	1.000		11899535.66		A	0.7
5	☐	1.000		11844750.52		A	0.8
6	☐	1.000		11469610.94		A	1.0
7	☐	1.000		11202533.38		A	1.1
8	☐	1.000		11371795.39		A	0.7
9	☐	1.000		10920859.28		A	0.9

165 Ho (ISTD) [No Gas]

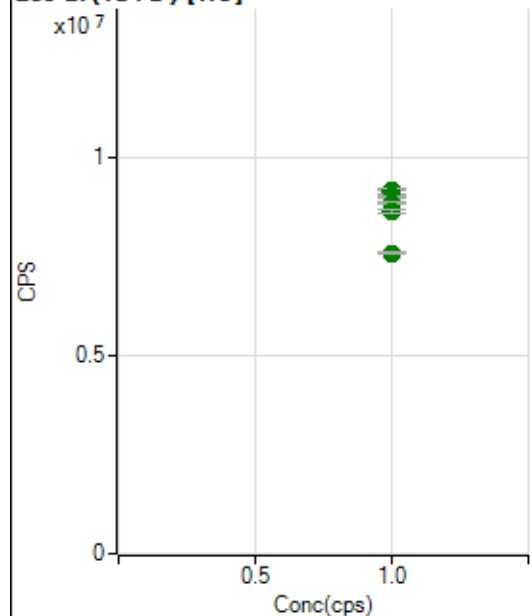
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		16497622.11		A	1.7
2	☐	1.000		16628578.22		A	0.7
3	☐	1.000		16523388.64		A	2.3
4	☐	1.000		16541613.09		A	1.0
5	☐	1.000		16793231.69		A	2.6
6	☐	1.000		16911212.66		A	2.0
7	☐	1.000		16732675.03		A	1.1
8	☐	1.000		16574166.28		A	2.3
9	☐	1.000		15786870.74		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11665221.36		A	0.6
2	☐	1.000		11724958.29		A	1.1
3	☐	1.000		11772895.38		A	1.0
4	☐	1.000		11885716.63		A	1.9
5	☐	1.000		11779332.60		A	0.8
6	☐	1.000		11483049.00		A	0.4
7	☐	1.000		11296390.46		A	0.9
8	☐	1.000		11448144.62		A	0.8
9	☐	1.000		10931575.46		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11020328.59		A	0.9
2	☐	1.000		10963955.67		A	1.7
3	☐	1.000		10931690.12		A	3.3
4	☐	1.000		10937836.50		A	0.5
5	☐	1.000		11181101.36		A	1.0
6	☐	1.000		11151249.69		A	1.6
7	☐	1.000		11035569.84		A	1.9
8	☐	1.000		10688640.74		A	3.4
9	☐	1.000		9535399.37		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9017777.02		A	0.6
2	☐	1.000		9112485.49		A	1.1
3	☐	1.000		9106193.27		A	0.7
4	☐	1.000		9139735.35		A	1.7
5	☐	1.000		8987724.52		A	0.2
6	☐	1.000		8833285.57		A	0.5
7	☐	1.000		8624985.15		A	0.6
8	☐	1.000		8630028.62		A	0.8
9	☐	1.000		7569553.29		A	0.7