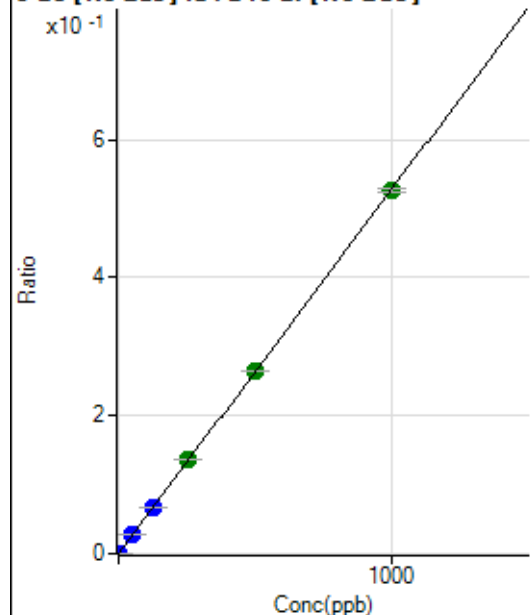


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8121224 MS.b\
 Analysis File: P8121224 MS.batch.bin
 DA Date-Time: 2024-12-13 00:45:42
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-12 11:25:28
2	006CALS.d	S02	2024-12-12 11:32:06
3	007CALB.d	S03	2024-12-12 11:35:24
4	008CALS.d	S04	2024-12-12 11:38:27
5	009CALS.d	S05	2024-12-12 11:41:18
6	010CALS.d	S06	2024-12-12 11:44:05
7	011CALS.d	S07	2024-12-12 11:46:51
8	012CALS.d	S08	2024-12-12 11:49:39

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.54	0.0000	P	1.3
2	☐	1.000	1.102	8430.97	0.0006	P	2.4
3	☐	50.000	50.518	393535.51	0.0267	P	1.4
4	☐	125.000	128.020	975836.42	0.0676	P	1.0
5	☐	250.000	258.216	1922898.29	0.1363	A	1.4
6	☐	500.000	502.493	3625822.59	0.2652	A	0.6
7	☐	1000.000	996.296	6913975.15	0.5257	A	1.0
8	☐			1723.34	0.0002	P	9.6

$$y = 5.2768\text{E-}004 * x + 2.5417\text{E-}005$$

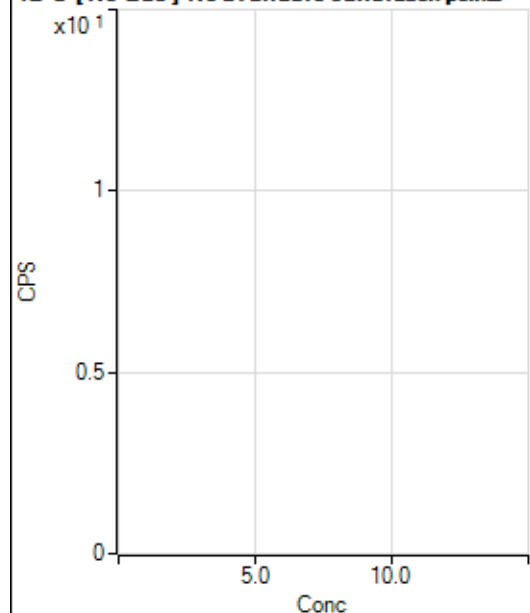
$$R = 1.0000$$

$$DL = 0.001917$$

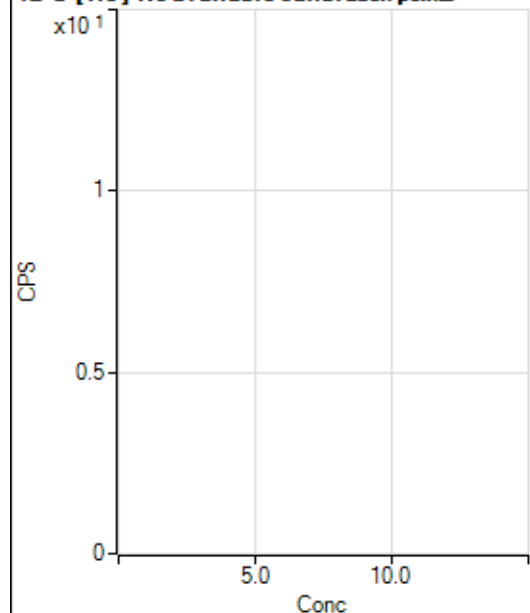
$$BEC = 0.04817$$

Weight: <None>

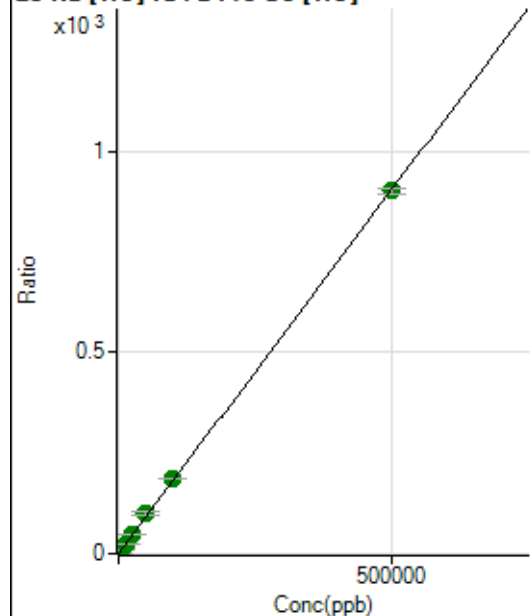
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4720377.53		A	1.4
2	☐			4983525.41		A	1.8
3	☐			5004485.06		A	0.6
4	☐			5127341.25		A	0.7
5	☐			5274579.12		A	0.7
6	☐			5592586.10		A	1.6
7	☐			6378494.84		A	2.6
8	☐			5290272.00		A	0.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30608.56		P	1.2
2	☐			32318.79		P	1.1
3	☐			33150.62		P	0.2
4	☐			33833.31		P	0.2
5	☐			36379.39		P	1.3
6	☐			39839.41		P	0.8
7	☐			48319.05		P	1.0
8	☐			49393.69		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	81806.29	0.1868	P	1.4
2	☐	500.000	517.778	503566.05	1.1230	P	2.1
3	☐	5000.000	5328.672	4266435.01	9.8219	A	1.4
4	☐	12500.000	13516.885	10391369.85	24.6275	A	1.5
5	☐	25000.000	26291.702	19712331.79	47.7265	A	0.9
6	☐	50000.000	55289.641	38419652.76	100.1596	A	9.7
7	☐	100000.00	103309.77	75304257.77	186.9879	A	1.3
8	☐	500000.00	498715.77	323837146.2	901.9471	A	1.9

$$y = 0.0018 * x + 0.1868$$

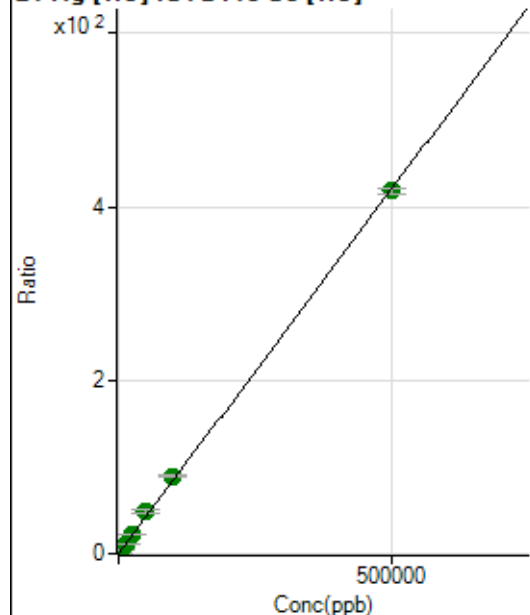
$$R = 0.9999$$

$$DL = 4.256$$

$$BEC = 103.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1134.50	0.0026	P	11.1
2	☐	500.000	566.711	214643.78	0.4786	P	1.4
3	☐	5000.000	5653.906	2064206.00	4.7520	A	0.6
4	☐	12500.000	14208.458	5037204.20	11.9379	A	1.1
5	☐	25000.000	27499.093	9541725.27	23.1022	A	0.7
6	☐	50000.000	57356.425	18479683.61	48.1828	A	9.9
7	☐	100000.00	106775.73	36122670.02	89.6958	A	0.4
8	☐	500000.00	497734.93	150122877.7	418.1072	A	1.4

$$y = 8.4001\text{E-}004 * x + 0.0026$$

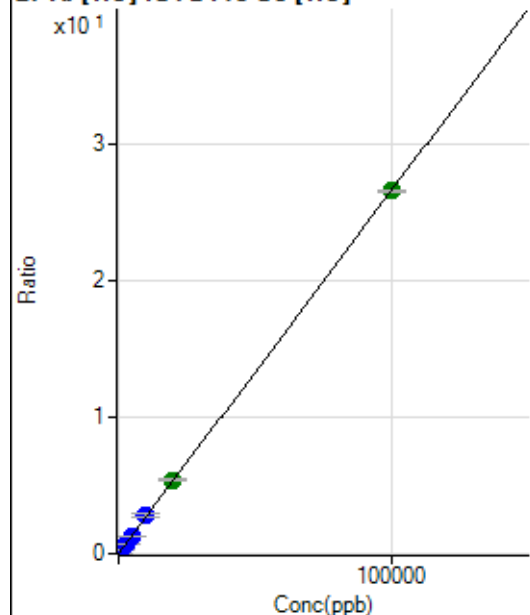
$$R = 0.9998$$

$$DL = 1.029$$

$$BEC = 3.086$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.34	0.0004	P	8.2
2	☐	20.000	20.486	2615.82	0.0058	P	3.5
3	☐	1000.000	1015.860	117793.30	0.2712	P	2.3
4	☐	2500.000	2579.621	290350.89	0.6881	P	0.2
5	☐	5000.000	4976.156	548061.28	1.3270	P	0.9
6	☐	10000.000	10451.631	1068599.87	2.7867	P	10.1
7	☐	20000.000	20304.767	2180128.09	5.4134	A	0.8
8	☐	100000.00	99892.927	9562356.94	26.6310	A	0.8

$$y = 2.6659\text{E-}004 * x + 3.7314\text{E-}004$$

$$R = 1.0000$$

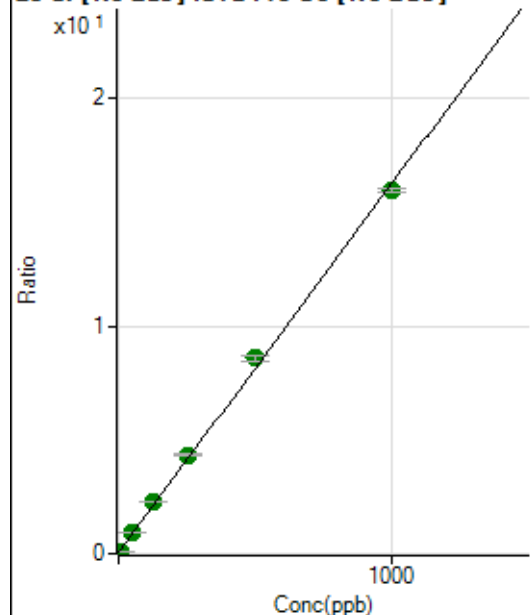
$$DL = 0.3454$$

$$BEC = 1.4$$

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	1003458.14	0.0508	A	1.7
2	☐	10.000	0.511	1079244.77	0.0591	A	1.1
3	☐	50.000	54.015	18141835.84	0.9256	A	1.1
4	☐	125.000	136.077	43976278.79	2.2547	A	0.6
5	☐	250.000	264.601	82513709.33	4.3362	A	1.5
6	☐	500.000	527.512	161603907.5	8.5942	A	3.3
7	☐	1000.000	981.103	296155871.1	15.9404	A	1.2
8	☐			1200697.56	0.0756	A	3.1

$$y = 0.0162 * x + 0.0508$$

$$R = 0.9991$$

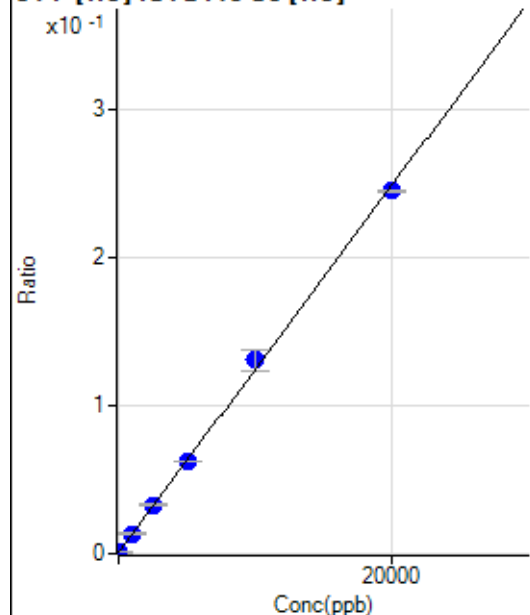
$$DL = 0.1607$$

$$BEC = 3.137$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-16.640	208.89	0.0005	P	8.8
2	☐	0.000	16.640	398.90	0.0009	P	6.2
3	☐	1000.000	1038.864	5896.80	0.0136	P	2.7
4	☐	2500.000	2592.165	13857.79	0.0328	P	4.1
5	☐	5000.000	4999.242	25898.70	0.0627	P	0.8
6	☐	10000.000	10519.719	50284.58	0.1312	P	10.8
7	☐	20000.000	19726.866	98835.81	0.2454	P	0.6
8	☐			220.01	0.0006	P	11.4

$$y = 1.2406E-005 * x + 6.8369E-004$$

$$R = 0.9995$$

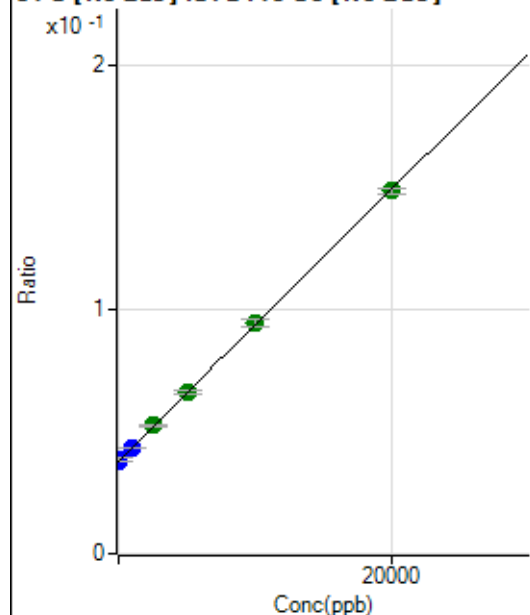
$$DL = 11.72$$

$$BEC = 55.11$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-81.943	742456.76	0.0376	P	0.4
2	☐	0.000	81.943	702943.53	0.0385	P	2.6
3	☐	1000.000	980.118	852029.60	0.0435	P	0.3
4	☐	2500.000	2602.281	1023367.53	0.0525	A	1.0
5	☐	5000.000	5117.345	1263603.54	0.0664	A	2.3
6	☐	10000.000	10127.659	1771087.79	0.0942	A	3.8
7	☐	20000.000	19895.043	2756032.49	0.1483	A	1.7
8	☐			541963.52	0.0341	P	2.2

$$y = 5.5445\text{E-}006 * x + 0.0380$$

R = 0.9999

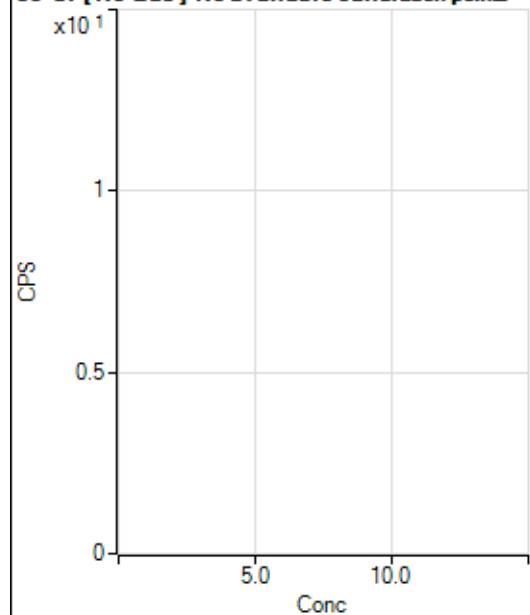
DL = 315.9

BEC = 6860

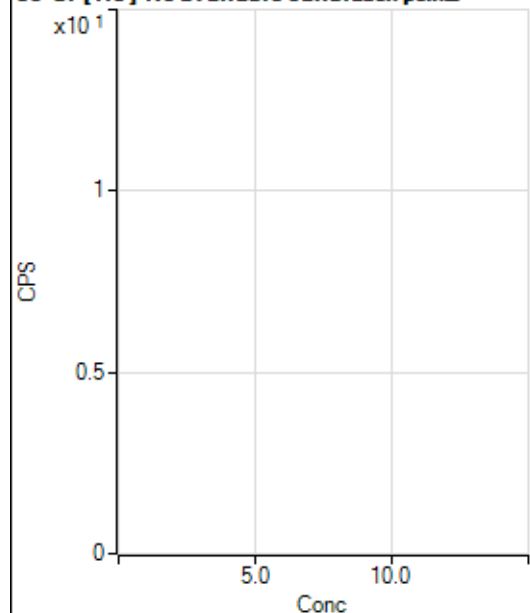
Weight: <None>

Min Conc: 0

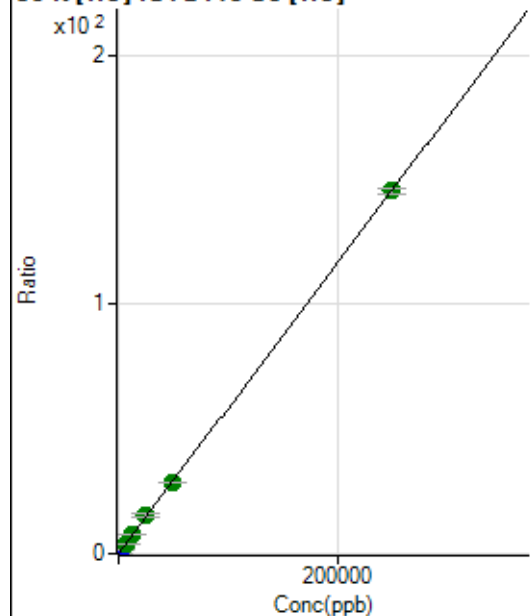
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			160630.80		P	0.4
2	☐			152321.40		P	1.4
3	☐			157025.28		P	0.4
4	☐			157112.86		P	0.6
5	☐			160956.75		P	0.9
6	☐			175779.87		P	0.9
7	☐			206844.67		P	3.1
8	☐			135174.01		P	2.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			755.58		P	6.9
2	☐			687.80		P	2.8
3	☐			736.69		P	4.8
4	☐			691.14		P	5.4
5	☐			735.58		P	9.2
6	☐			777.81		P	1.4
7	☐			974.49		P	2.9
8	☐			657.80		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20850.69	0.0476	P	2.7
2	☐	500.000	494.187	150239.29	0.3351	P	2.0
3	☐	2500.000	2508.134	654358.69	1.5064	P	1.2
4	☐	6250.000	6424.120	1596786.85	3.7841	A	0.8
5	☐	12500.000	12577.302	3041076.73	7.3631	A	0.8
6	☐	25000.000	26304.035	5890289.77	15.3471	A	8.8
7	☐	50000.000	48807.044	11451726.08	28.4358	A	1.5
8	☐	250000.00	250099.90	52246729.22	145.5158	A	1.7

$$y = 5.8164\text{E-}004 * x + 0.0476$$

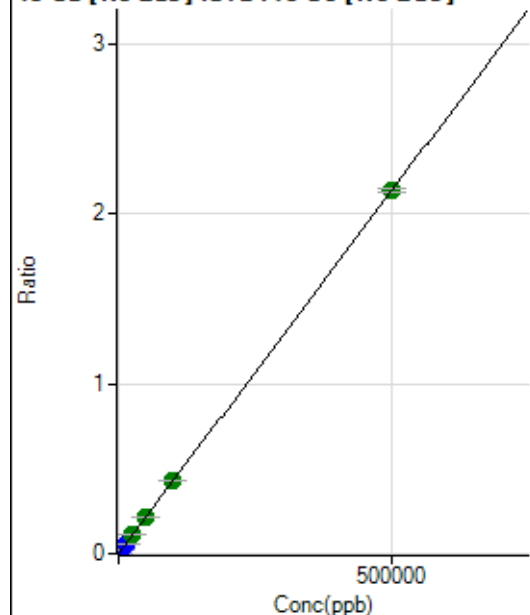
$$R = 1.0000$$

$$DL = 6.648$$

$$BEC = 81.86$$

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	2629.15	0.0001	P	2.7
2	☐	500.000	522.125	43192.34	0.0024	P	3.0
3	☐	5000.000	4964.282	418555.83	0.0214	P	0.7
4	☐	12500.000	12492.805	1044182.67	0.0535	P	1.4
5	☐	25000.000	25557.646	2081757.95	0.1094	A	0.7
6	☐	50000.000	49810.961	4007852.68	0.2131	A	0.8
7	☐	100000.00	99862.933	7934330.43	0.4270	A	0.1
8	☐	500000.00	500018.95	33926771.99	2.1377	A	1.1

$$y = 4.2749\text{E-}006 * x + 1.3309\text{E-}004$$

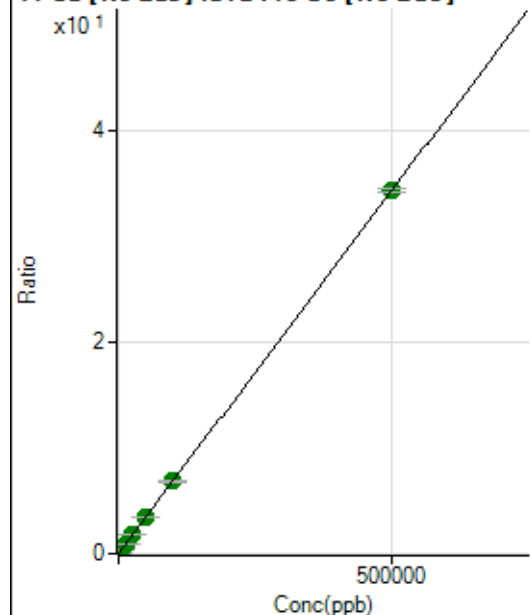
$$R = 1.0000$$

$$DL = 2.511$$

$$BEC = 31.13$$

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	64788.60	0.0033	P	1.0
2	☐	500.000	525.823	719711.97	0.0394	P	2.1
3	☐	5000.000	5120.090	6958997.40	0.3550	A	0.8
4	☐	12500.000	12832.052	17257078.63	0.8849	A	1.9
5	☐	25000.000	25278.223	33111235.06	1.7400	A	0.9
6	☐	50000.000	49705.430	64292294.60	3.4182	A	1.1
7	☐	100000.00	99796.730	127443004.7	6.8596	A	1.3
8	☐	500000.00	500046.67	545291045.2	34.3578	A	1.1

$$y = 6.8703\text{E-}005 * x + 0.0033$$

$$R = 1.0000$$

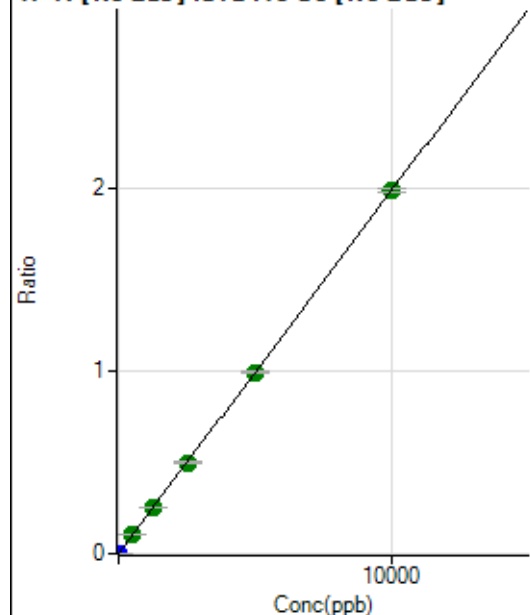
$$DL = 1.366$$

$$BEC = 47.74$$

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	442.23	0.0000	P	10.6
2	☐	5.000	5.282	19610.14	0.0011	P	1.7
3	☐	500.000	509.493	1988053.91	0.1014	A	1.6
4	☐	1250.000	1281.176	4973571.32	0.2550	A	1.7
5	☐	2500.000	2510.503	9508720.21	0.4997	A	1.3
6	☐	5000.000	4998.862	18715020.83	0.9950	A	0.8
7	☐	10000.000	9993.572	36954941.95	1.9891	A	1.2
8	☐			5573.39	0.0004	P	7.5

$$y = 1.9903\text{E-}004 * x + 2.2378\text{E-}005$$

$$R = 1.0000$$

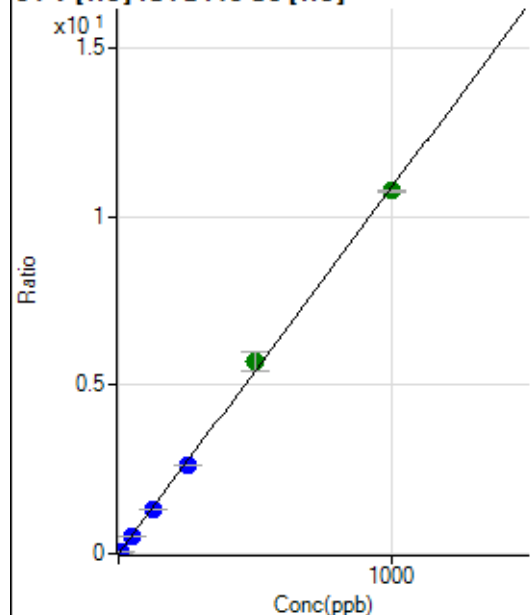
$$DL = 0.03584$$

$$BEC = 0.1124$$

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	21.11	0.0000	P	40.7
2	☐	5.000	4.910	23917.82	0.0533	P	2.7
3	☐	50.000	48.775	229960.92	0.5294	P	1.9
4	☐	125.000	123.074	563667.69	1.3358	P	0.5
5	☐	250.000	240.540	1078273.44	2.6107	P	0.9
6	☐	500.000	522.963	2176691.89	5.6760	A	10.1
7	☐	1000.000	991.186	4332452.68	10.7578	A	0.7
8	☐			565.57	0.0016	P	4.5

$$y = 0.0109 * x + 4.8302\text{E-}005$$

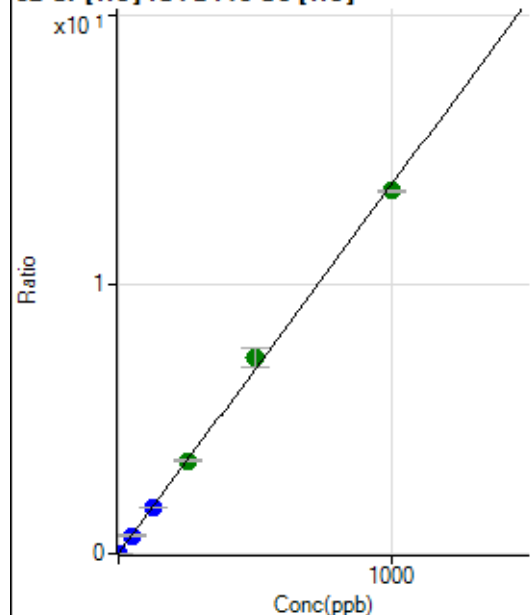
$$R = 0.9996$$

$$DL = 0.005438$$

$$BEC = 0.00445$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3053.69	0.0070	P	3.3
2	☐	2.000	2.024	15554.08	0.0347	P	3.2
3	☐	50.000	48.848	293535.88	0.6758	P	2.0
4	☐	125.000	124.097	719960.50	1.7062	P	0.4
5	☐	250.000	251.828	1427023.83	3.4551	A	1.1
6	☐	500.000	532.721	2800376.73	7.3012	A	9.8
7	☐	1000.000	983.353	5425309.85	13.4715	A	0.4
8	☐			7352.01	0.0205	P	5.5

$$y = 0.0137 * x + 0.0070$$

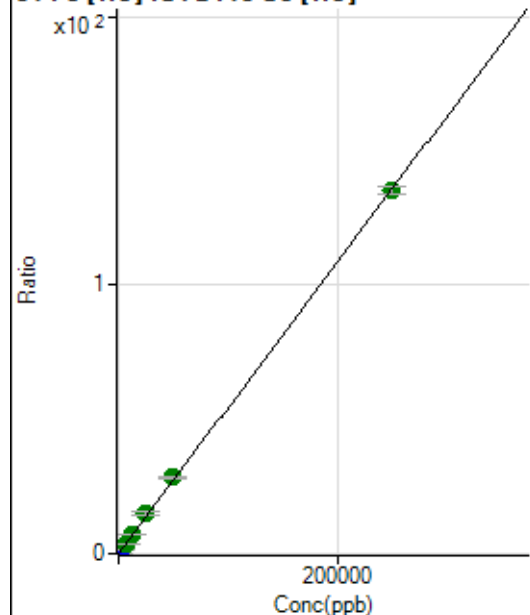
$$R = 0.9992$$

$$DL = 0.05017$$

$$BEC = 0.5093$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	995.60	0.0023	P	2.2
2	☐	50.000	53.419	14019.20	0.0313	P	1.8
3	☐	2500.000	2597.367	613280.03	1.4119	P	0.8
4	☐	6250.000	6830.763	1565329.33	3.7093	A	1.2
5	☐	12500.000	13490.318	3024735.55	7.3235	A	0.8
6	☐	25000.000	27962.817	5820812.27	15.1777	A	10.0
7	☐	50000.000	52229.117	11416103.86	28.3470	A	1.1
8	☐	250000.00	249192.88	48555542.61	135.2392	A	2.1

$$y = 5.4270E-004 * x + 0.0023$$

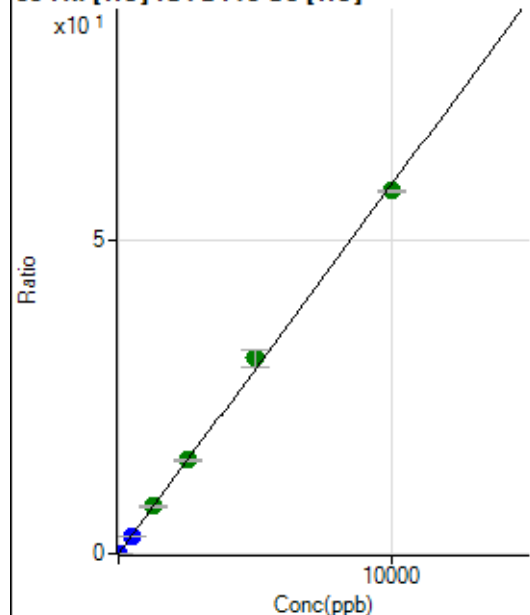
$$R = 0.9999$$

$$DL = 0.2815$$

$$BEC = 4.188$$

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	1494.54	0.0034	P	8.4
2	☐	1.000	0.734	3469.35	0.0077	P	3.1
3	☐	500.000	489.260	1253776.75	2.8863	P	0.8
4	☐	1250.000	1285.373	3197231.69	7.5774	A	1.8
5	☐	2500.000	2531.262	6161647.69	14.9186	A	0.9
6	☐	5000.000	5306.061	11999057.46	31.2689	A	9.1
7	☐	10000.000	9835.269	23340596.87	57.9568	A	0.6
8	☐			7289.71	0.0203	P	1.0

$$y = 0.0059 * x + 0.0034$$

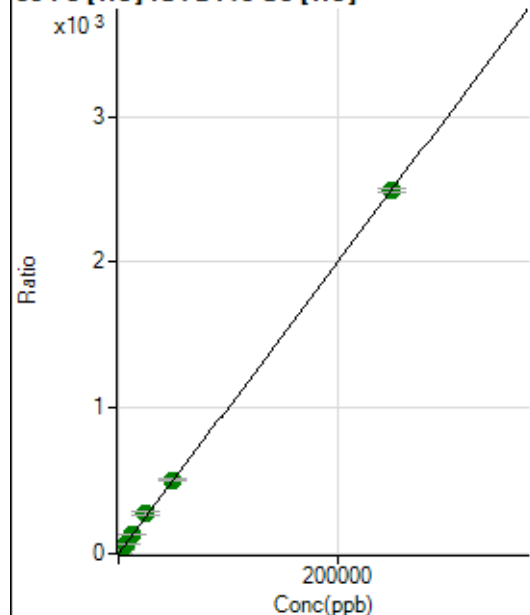
$$R = 0.9993$$

$$DL = 0.1452$$

$$BEC = 0.5794$$

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	12959.30	0.0296	P	2.1
2	☐	50.000	53.407	252099.03	0.5623	P	3.2
3	☐	2500.000	2661.154	11543072.19	26.5739	A	1.0
4	☐	6250.000	6786.742	28577841.52	67.7255	A	0.4
5	☐	12500.000	13191.820	54359736.41	131.6144	A	0.4
6	☐	25000.000	27657.102	105908868.4	275.9017	A	8.6
7	☐	50000.000	50761.073	203920919.1	506.3575	A	1.8
8	☐	250000.00	249532.45	893748484.4	2489.047	A	1.2

$$y = 0.0100 * x + 0.0296$$

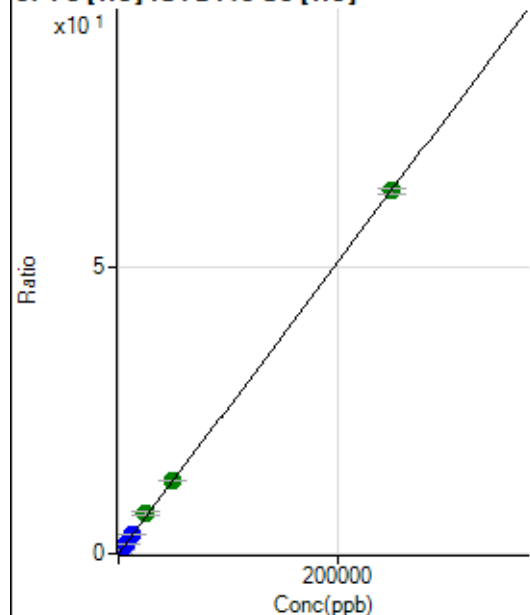
$$R = 0.9999$$

$$DL = 0.1834$$

$$BEC = 2.967$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	304.45	0.0007	P	15.3
2	☐	50.000	52.209	6258.10	0.0140	P	4.1
3	☐	2500.000	2562.007	283061.75	0.6516	P	0.6
4	☐	6250.000	6472.236	694170.87	1.6451	P	0.8
5	☐	12500.000	12602.152	1322734.04	3.2026	P	0.3
6	☐	25000.000	27442.968	2674802.91	6.9733	A	9.7
7	☐	50000.000	50426.343	5160041.59	12.8128	A	1.1
8	☐	250000.00	249659.15	22775919.38	63.4329	A	1.4

$$y = 2.5408\text{E-}004 * x + 6.9459\text{E-}004$$

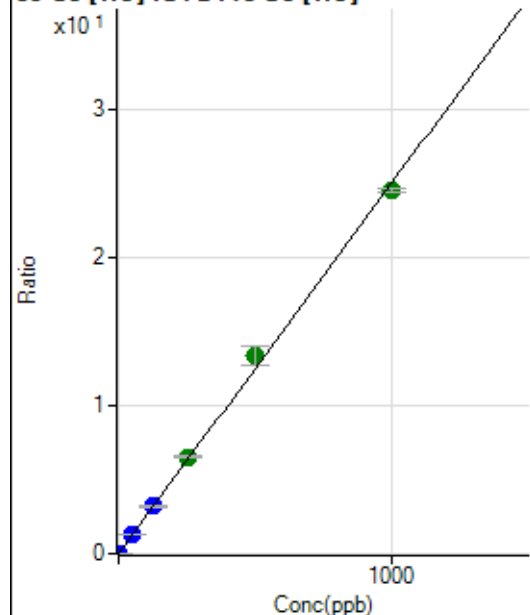
$$R = 1.0000$$

$$DL = 1.257$$

$$BEC = 2.734$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	167.78	0.0004	P	9.6
2	☐	1.000	1.061	12049.62	0.0269	P	2.6
3	☐	50.000	50.287	545795.44	1.2565	P	0.9
4	☐	125.000	127.499	1344005.34	3.1852	P	1.0
5	☐	250.000	262.006	2703263.29	6.5451	A	1.0
6	☐	500.000	533.955	5118115.90	13.3382	A	9.2
7	☐	1000.000	979.694	9855621.03	24.4724	A	1.1
8	☐			18517.69	0.0516	P	2.8

$$y = 0.0250 * x + 3.8299\text{E-}004$$

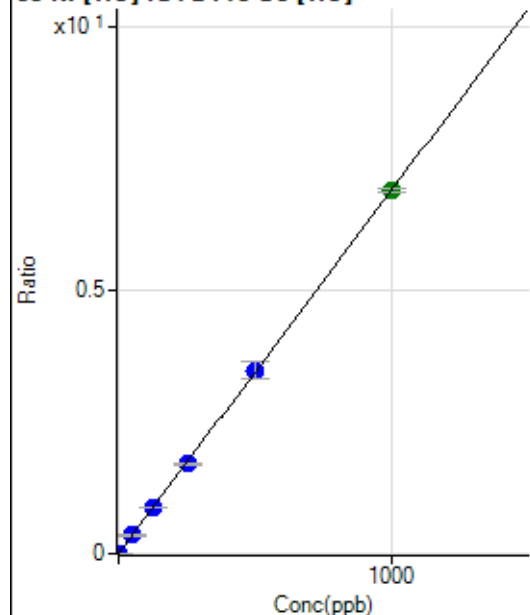
$$R = 0.9990$$

$$DL = 0.004416$$

$$BEC = 0.01533$$

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	1180.06	0.0027	P	0.2
2	☐	1.000	1.016	4348.49	0.0097	P	4.9
3	☐	50.000	50.091	151200.24	0.3481	P	1.2
4	☐	125.000	127.276	371436.67	0.8803	P	0.6
5	☐	250.000	246.494	703072.23	1.7023	P	0.8
6	☐	500.000	504.627	1335681.43	3.4821	P	9.7
7	☐	1000.000	998.274	2773098.22	6.8858	A	1.1
8	☐			6727.21	0.0187	P	1.5

$$y = 0.0069 * x + 0.0027$$

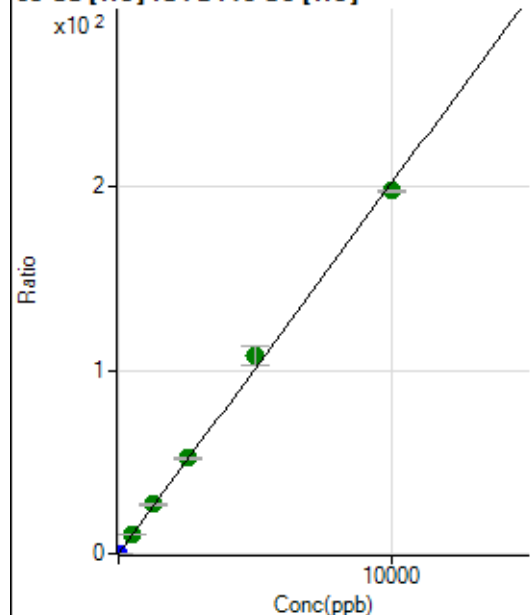
$$R = 1.0000$$

$$DL = 0.002212$$

$$BEC = 0.3907$$

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	6176.95	0.0141	P	0.2
2	☐	2.000	1.875	23278.05	0.0519	P	3.3
3	☐	500.000	523.940	4597883.19	10.5850	A	1.2
4	☐	1250.000	1323.465	11273021.92	26.7160	A	0.7
5	☐	2500.000	2576.118	21472667.74	51.9892	A	1.3
6	☐	5000.000	5353.799	41455520.22	108.0309	A	9.1
7	☐	10000.000	9793.691	79581986.59	197.6089	A	0.5
8	☐			17282.88	0.0481	P	3.5

$$y = 0.0202 * x + 0.0141$$

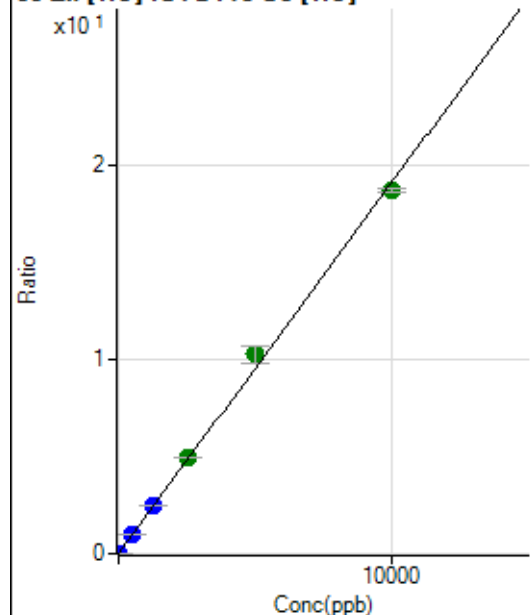
$$R = 0.9990$$

$$DL = 0.004817$$

$$BEC = 0.699$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1350.08	0.0031	P	3.8
2	☐	2.000	5.623	6201.42	0.0138	P	3.6
3	☐	500.000	500.039	416617.45	0.9592	P	1.3
4	☐	1250.000	1282.984	1036403.46	2.4561	P	0.3
5	☐	2500.000	2588.480	2045384.35	4.9522	A	0.5
6	☐	5000.000	5375.315	3945971.05	10.2806	A	8.7
7	☐	10000.000	9786.097	7536551.14	18.7140	A	1.1
8	☐			3704.97	0.0103	P	1.6

$$y = 0.0019 * x + 0.0031$$

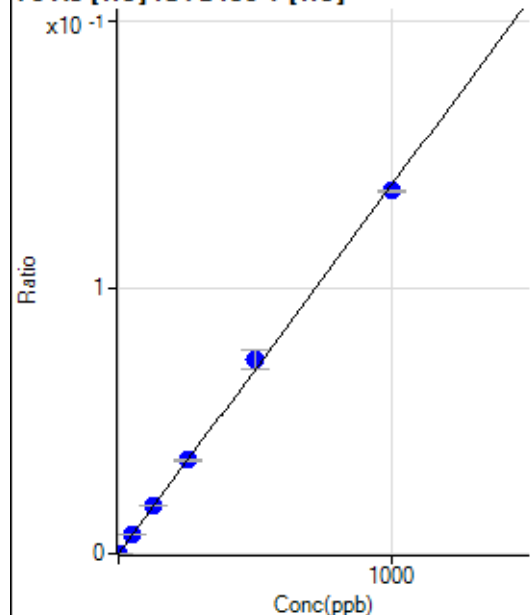
$$R = 0.9989$$

$$DL = 0.1832$$

$$BEC = 1.612$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	1.000	1.111	540.02	0.0002	P	3.2
3	☐	50.000	50.434	24067.27	0.0070	P	0.9
4	☐	125.000	130.103	60783.94	0.0180	P	0.9
5	☐	250.000	253.605	115932.03	0.0351	P	1.0
6	☐	500.000	527.122	226053.66	0.0729	P	10.5
7	☐	1000.000	984.878	444590.11	0.1363	P	0.9
8	☐			248.89	0.0001	P	8.7

$$y = 1.3838E-004 * x + 3.2410E-007$$

$$R = 0.9994$$

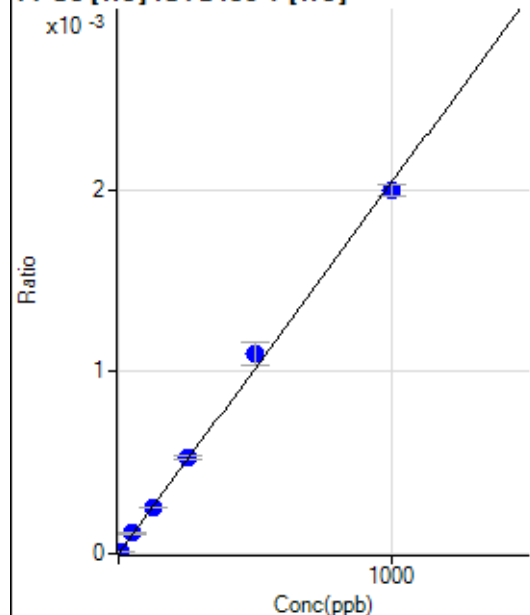
$$DL = 0.01217$$

$$BEC = 0.002342$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.149	36.67	0.0000	P	26.4
3	☐	50.000	55.975	393.34	0.0001	P	9.0
4	☐	125.000	124.407	856.70	0.0003	P	3.9
5	☐	250.000	259.904	1751.24	0.0005	P	2.6
6	☐	500.000	538.499	3402.67	0.0011	P	11.9
7	☐	1000.000	978.049	6507.12	0.0020	P	3.3
8	☐			4.45	0.0000	P	86.6

$$y = 2.0399\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9988$$

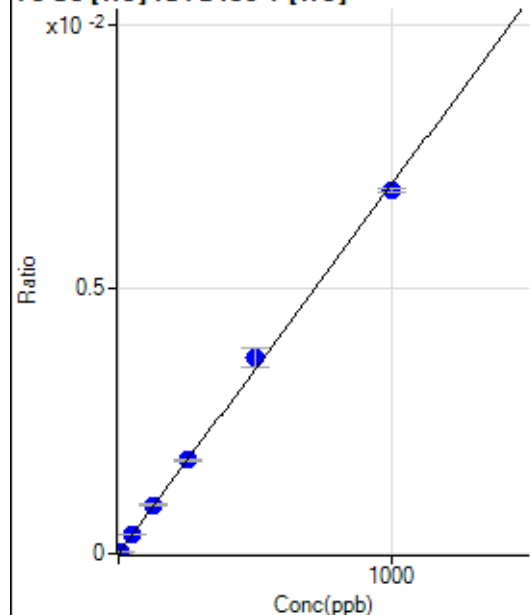
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.44	0.0000	P	96.3
2	☐	5.000	5.574	151.11	0.0000	P	5.3
3	☐	50.000	52.368	1272.29	0.0004	P	6.0
4	☐	125.000	130.682	3089.27	0.0009	P	5.1
5	☐	250.000	253.009	5837.94	0.0018	P	2.5
6	☐	500.000	530.715	11476.99	0.0037	P	10.2
7	☐	1000.000	983.059	22361.17	0.0069	P	0.9
8	☐			11.11	0.0000	P	15.8

$$y = 6.9685\text{E-}006 * x + 4.2150\text{E-}006$$

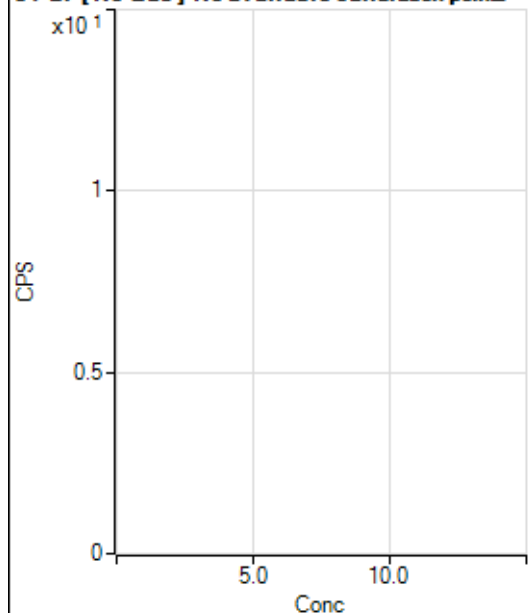
$$R = 0.9993$$

$$DL = 1.747$$

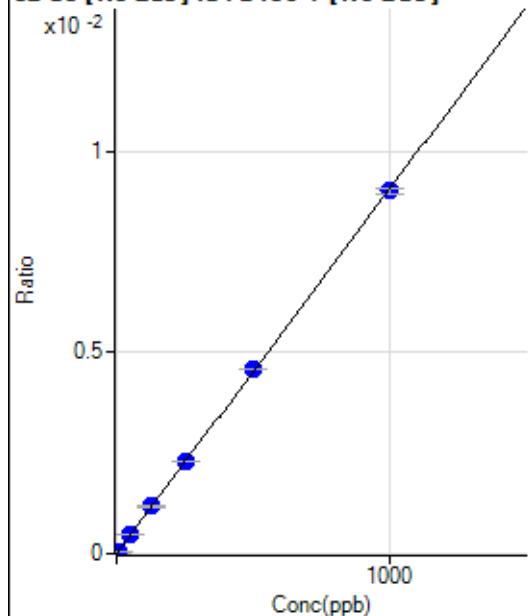
$$BEC = 0.6049$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12589.08		P	1.5
2	☐			11954.09		P	1.3
3	☐			12134.23		P	2.1
4	☐			12039.71		P	1.7
5	☐			12391.12		P	1.6
6	☐			12326.62		P	3.0
7	☐			12307.72		P	1.0
8	☐			12573.54		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-6.58	0.0000	P	-597.
2	☐	5.000	4.965	1784.91	0.0000	P	3.4
3	☐	50.000	51.634	19950.10	0.0005	P	1.1
4	☐	125.000	129.405	49781.92	0.0012	P	0.8
5	☐	250.000	254.590	95996.79	0.0023	P	0.9
6	☐	500.000	505.589	187400.21	0.0046	P	0.4
7	☐	1000.000	995.426	368135.14	0.0090	P	1.3
8	☐			-23.55	0.0000	P	-181.

$$y = 9.0524\text{E-}006 * x - 1.5356\text{E-}007$$

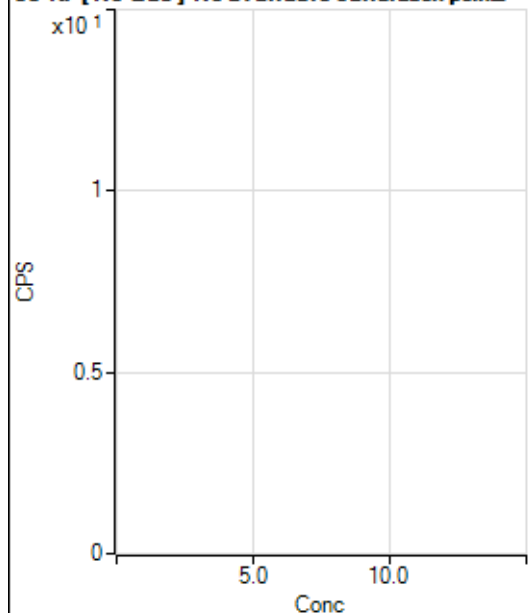
$$R = 1.0000$$

$$DL = 0.3038$$

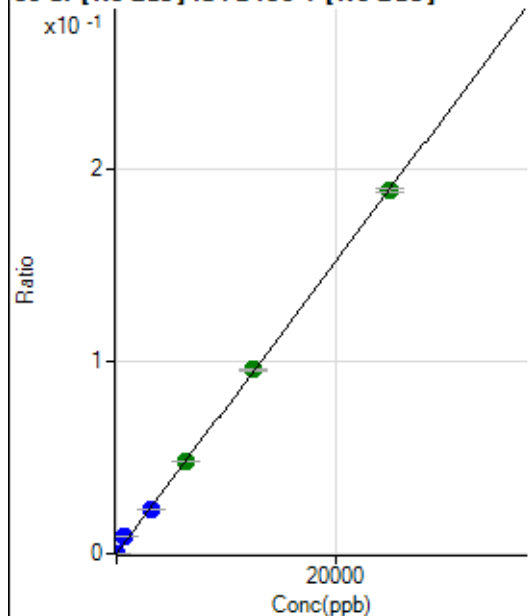
$$BEC = -0.01696$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			311.12		P	4.1
2	☐			302.23		P	8.4
3	☐			327.79		P	7.9
4	☐			286.67		P	25.2
5	☐			303.34		P	5.0
6	☐			303.34		P	1.9
7	☐			365.57		P	11.3
8	☐			562.24		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	723.36	0.0000	P	12.9
2	☐	1.000	25.680	8442.62	0.0002	P	4.9
3	☐	625.000	1200.205	389278.32	0.0091	P	0.3
4	☐	3125.000	3069.254	989725.40	0.0233	P	1.3
5	☐	6250.000	6307.733	1992848.36	0.0478	A	0.2
6	☐	12500.000	12640.921	3925004.91	0.0959	A	0.8
7	☐	25000.000	24907.694	7715741.97	0.1889	A	1.0
8	☐			19384.62	0.0005	P	2.0

$$y = 7.5816\text{E-}006 * x + 1.7194\text{E-}005$$

$$R = 0.9997$$

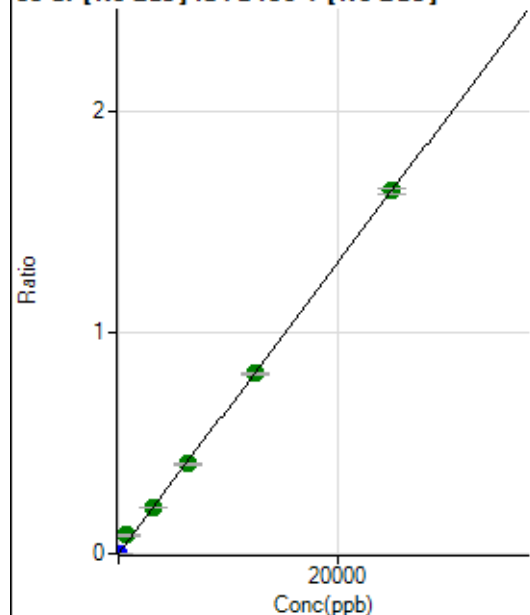
$$DL = 0.876$$

$$BEC = 2.268$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1720.13	0.0000	P	7.7
2	☐	1.000	25.630	68733.59	0.0017	P	2.6
3	☐	625.000	1259.039	3533846.41	0.0828	A	0.3
4	☐	3125.000	3183.766	8891746.12	0.2092	A	1.2
5	☐	6250.000	6194.351	16953827.39	0.4070	A	1.8
6	☐	12500.000	12457.846	33514661.72	0.8185	A	1.1
7	☐	25000.000	25011.791	67136433.44	1.6433	A	1.3
8	☐			165867.76	0.0047	P	0.4

$$y = 6.5698E-005 * x + 4.0874E-005$$

$$R = 0.9997$$

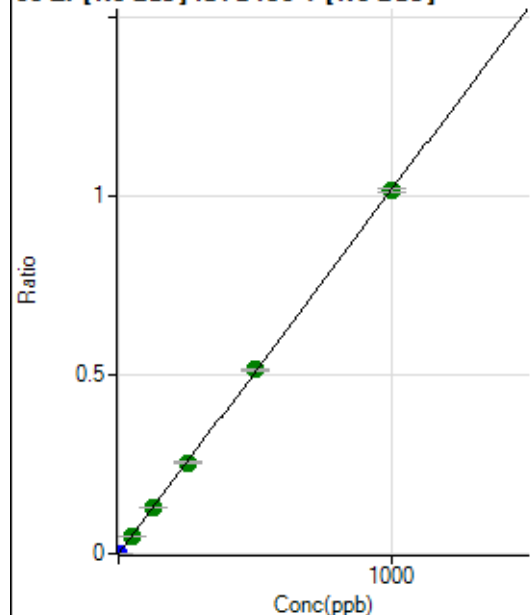
$$DL = 0.1436$$

$$BEC = 0.6221$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1743.46	0.0000	P	5.7
2	☐	1.000	0.988	41764.64	0.0010	P	1.9
3	☐	50.000	49.582	2158561.17	0.0506	A	1.6
4	☐	125.000	125.845	5451534.50	0.1283	A	0.1
5	☐	250.000	250.660	10640362.13	0.2554	A	1.3
6	☐	500.000	505.221	21077882.19	0.5148	A	1.0
7	☐	1000.000	997.140	41510008.27	1.0159	A	1.0
8	☐			18586.97	0.0005	P	0.5

$$y = 0.0010 * x + 4.1422E-005$$

$$R = 1.0000$$

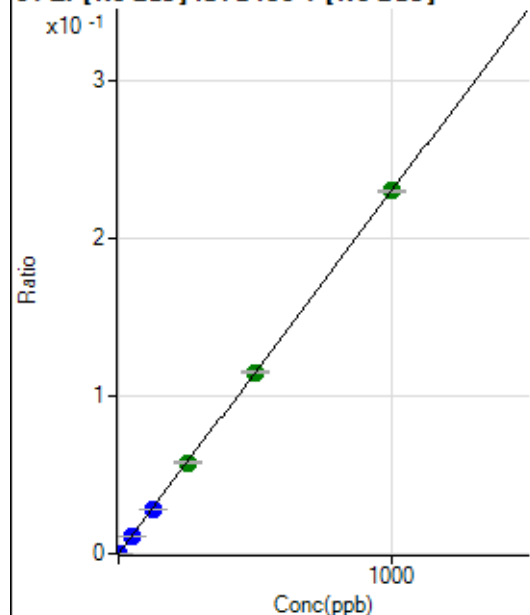
$$DL = 0.006958$$

$$BEC = 0.04066$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	311.12	0.0000	P	7.0
2	☐	1.000	0.943	8924.06	0.0002	P	2.8
3	☐	50.000	46.939	460699.19	0.0108	P	1.6
4	☐	125.000	120.376	1175538.95	0.0277	P	1.5
5	☐	250.000	250.273	2395217.69	0.0575	A	1.4
6	☐	500.000	500.776	4710769.13	0.1150	A	0.7
7	☐	1000.000	1000.275	9388475.07	0.2298	A	0.8
8	☐			3993.94	0.0001	P	4.4

$$y = 2.2972\text{E-}004 * x + 7.3860\text{E-}006$$

$$R = 1.0000$$

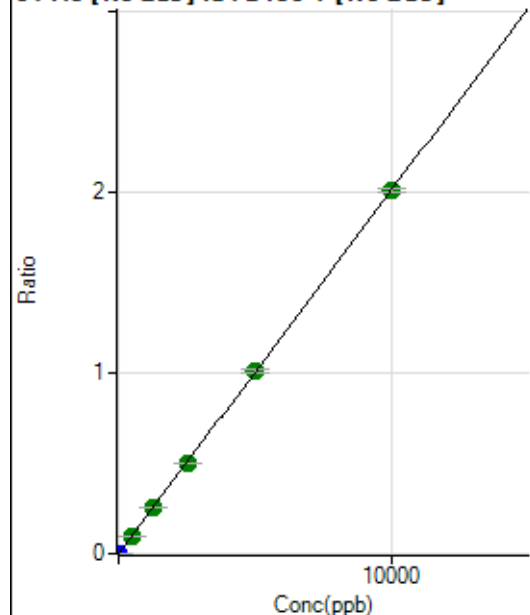
$$DL = 0.006794$$

$$BEC = 0.03215$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	837.81	0.0000	P	7.2
2	☐	5.000	5.917	48214.28	0.0012	P	3.5
3	☐	500.000	497.048	4268603.03	0.1000	A	1.7
4	☐	1250.000	1258.474	10757056.64	0.2531	A	1.4
5	☐	2500.000	2499.725	20942851.50	0.5027	A	0.5
6	☐	5000.000	5039.088	41495050.21	1.0134	A	1.8
7	☐	10000.000	9979.613	81998254.34	2.0070	A	0.9
8	☐			14005.28	0.0004	P	10.3

$$y = 2.0111\text{E-}004 * x + 1.9891\text{E-}005$$

$$R = 1.0000$$

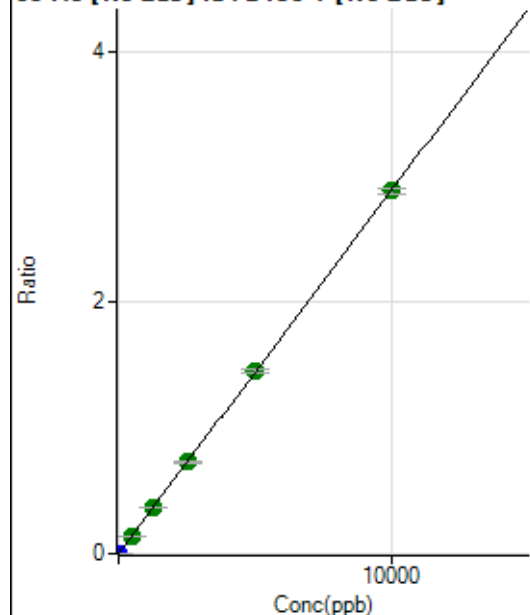
$$DL = 0.02142$$

$$BEC = 0.09891$$

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	526.68	0.0000	P	11.4
2	☐	5.000	5.000	58173.19	0.0015	P	1.1
3	☐	500.000	490.198	6055972.48	0.1419	A	2.7
4	☐	1250.000	1270.688	15626745.18	0.3677	A	2.1
5	☐	2500.000	2514.994	30315866.22	0.7278	A	1.2
6	☐	5000.000	5017.752	59452436.89	1.4520	A	2.2
7	☐	10000.000	9985.280	118045922.6	2.8894	A	1.4
8	☐			14484.71	0.0004	P	10.6

$$y = 2.8937\text{E-}004 * x + 1.2512\text{E-}005$$

$$R = 1.0000$$

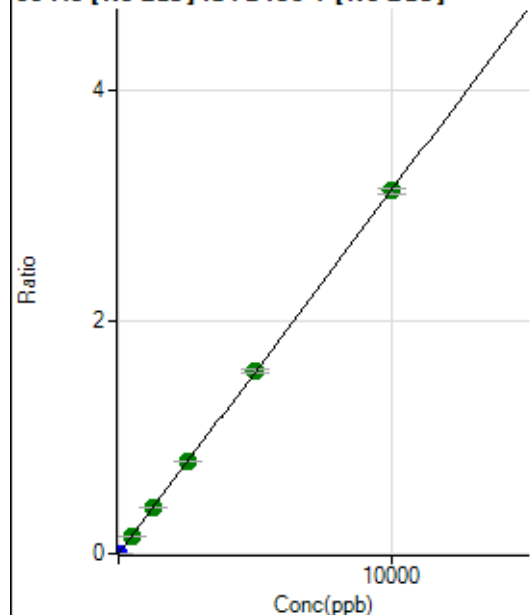
$$DL = 0.01474$$

$$BEC = 0.04324$$

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	551.13	0.0000	P	4.1
2	☐	5.000	5.071	63905.05	0.0016	P	2.4
3	☐	500.000	496.211	6645141.50	0.1556	A	1.8
4	☐	1250.000	1269.950	16927247.25	0.3983	A	2.7
5	☐	2500.000	2526.105	33004615.06	0.7923	A	0.9
6	☐	5000.000	5017.541	64436814.60	1.5737	A	2.3
7	☐	10000.000	9982.399	127915816.9	3.1309	A	1.4
8	☐			20271.84	0.0006	P	6.9

$$y = 3.1365\text{E-}004 * x + 1.3090\text{E-}005$$

$$R = 1.0000$$

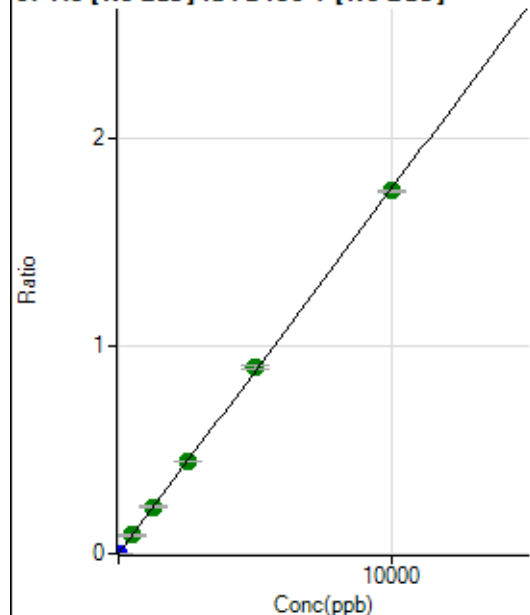
$$DL = 0.00516$$

$$BEC = 0.04173$$

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	296.67	0.0000	P	7.8
2	☐	5.000	5.052	35693.70	0.0009	P	1.5
3	☐	500.000	501.687	3767113.14	0.0882	A	2.0
4	☐	1250.000	1275.663	9533220.76	0.2243	A	2.5
5	☐	2500.000	2542.395	18624745.14	0.4471	A	0.8
6	☐	5000.000	5095.374	36688231.68	0.8960	A	2.5
7	☐	10000.000	9938.422	71403787.27	1.7477	A	0.7
8	☐			7203.12	0.0002	P	14.3

$$y = 1.7585\text{E-}004 * x + 7.0461\text{E-}006$$

$$R = 0.9999$$

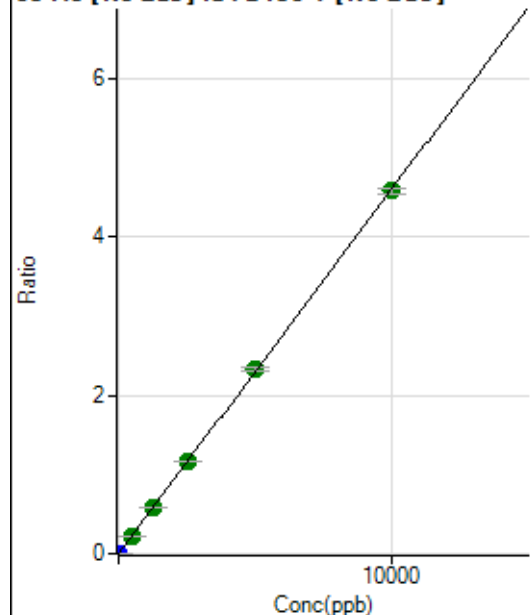
$$DL = 0.009359$$

$$BEC = 0.04007$$

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	700.02	0.0000	P	16.8
2	☐	5.000	4.956	91635.55	0.0023	P	1.9
3	☐	500.000	491.698	9668100.62	0.2265	A	2.4
4	☐	1250.000	1266.857	24794876.85	0.5835	A	2.2
5	☐	2500.000	2513.882	48229857.61	1.1578	A	0.5
6	☐	5000.000	5071.066	95627610.80	2.3355	A	2.2
7	☐	10000.000	9959.304	187383337.2	4.5868	A	1.7
8	☐			17591.22	0.0005	P	10.4

$$y = 4.6055\text{E-}004 * x + 1.6612\text{E-}005$$

$$R = 1.0000$$

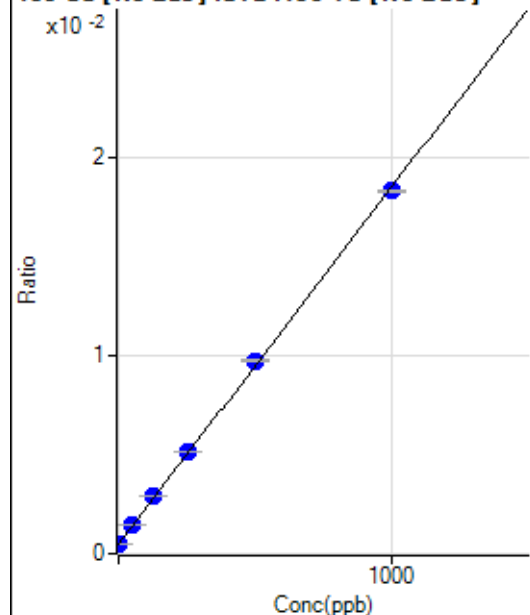
$$DL = 0.01823$$

$$BEC = 0.03607$$

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	15651.20	0.0005	P	1.3
2	☐	1.000	-0.922	14300.86	0.0005	P	0.9
3	☐	50.000	52.649	47817.02	0.0014	P	1.7
4	☐	125.000	133.428	96378.96	0.0029	P	0.8
5	☐	250.000	259.761	172152.34	0.0051	P	1.1
6	☐	500.000	513.047	320598.58	0.0097	P	1.2
7	☐	1000.000	989.852	605509.56	0.0183	P	0.6
8	☐			12891.66	0.0004	P	1.5

$$y = 1.7983\text{E-}005 * x + 4.7786\text{E-}004$$

$$R = 0.9998$$

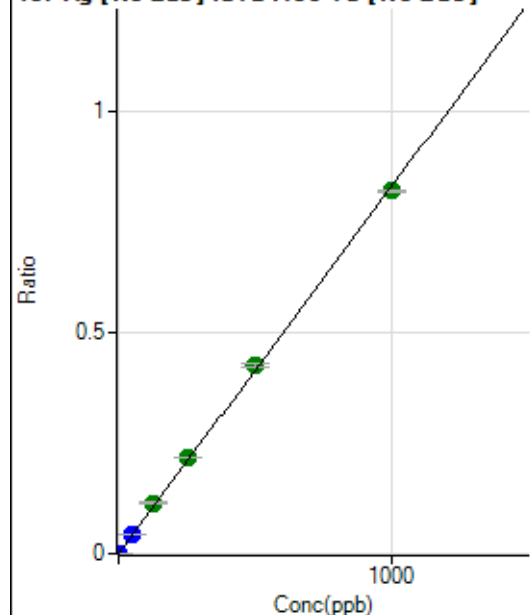
$$DL = 0.9968$$

$$BEC = 26.57$$

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	272.23	0.0000	P	12.0
2	☐	1.000	1.046	27176.84	0.0009	P	2.7
3	☐	50.000	51.963	1448927.17	0.0432	P	1.0
4	☐	125.000	138.144	3843562.79	0.1148	A	1.4
5	☐	250.000	262.108	7279203.85	0.2177	A	1.3
6	☐	500.000	513.489	14088012.29	0.4265	A	3.0
7	☐	1000.000	988.487	27199932.65	0.8210	A	0.5
8	☐			3438.25	0.0001	P	10.1

$$y = 8.3060\text{E-}004 * x + 8.3141\text{E-}006$$

$$R = 0.9997$$

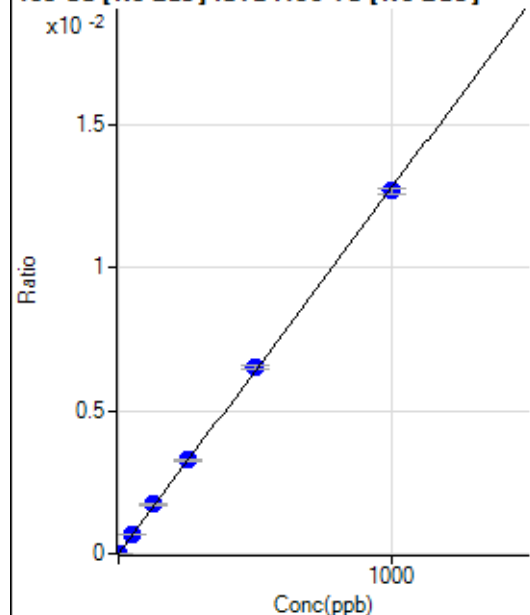
$$DL = 0.003615$$

$$BEC = 0.01001$$

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	35.56	0.0000	P	37.2
2	☐	1.000	1.071	458.90	0.0000	P	19.6
3	☐	50.000	52.996	22768.90	0.0007	P	1.3
4	☐	125.000	134.603	57656.55	0.0017	P	1.5
5	☐	250.000	256.358	109565.76	0.0033	P	1.2
6	☐	500.000	510.414	215507.79	0.0065	P	2.3
7	☐	1000.000	991.853	419915.53	0.0127	P	1.4
8	☐			152.23	0.0000	P	15.8

$$y = 1.2779\text{E-}005 * x + 1.0899\text{E-}006$$

$$R = 0.9999$$

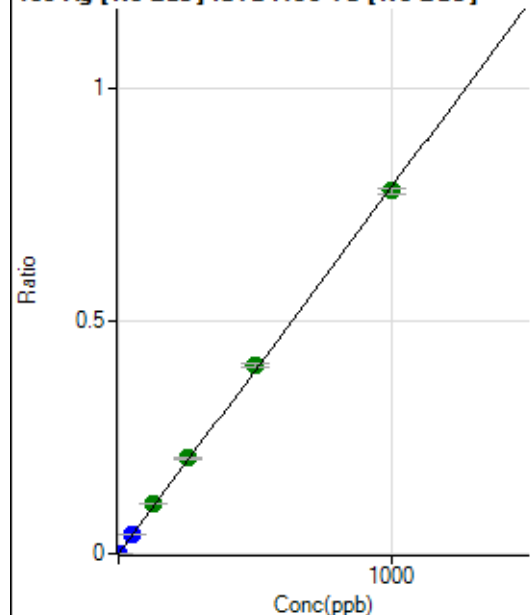
$$DL = 0.09528$$

$$BEC = 0.08528$$

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	117.78	0.0000	P	15.5
2	☐	1.000	1.021	24998.29	0.0008	P	2.7
3	☐	50.000	51.587	1362384.44	0.0406	P	1.2
4	☐	125.000	135.315	3566201.44	0.1065	A	2.1
5	☐	250.000	260.360	6849024.34	0.2048	A	0.9
6	☐	500.000	512.683	13325525.36	0.4034	A	1.7
7	☐	1000.000	989.700	25794536.28	0.7787	A	1.3
8	☐			3288.23	0.0001	P	10.5

$$y = 7.8678\text{E-}004 * x + 3.5900\text{E-}006$$

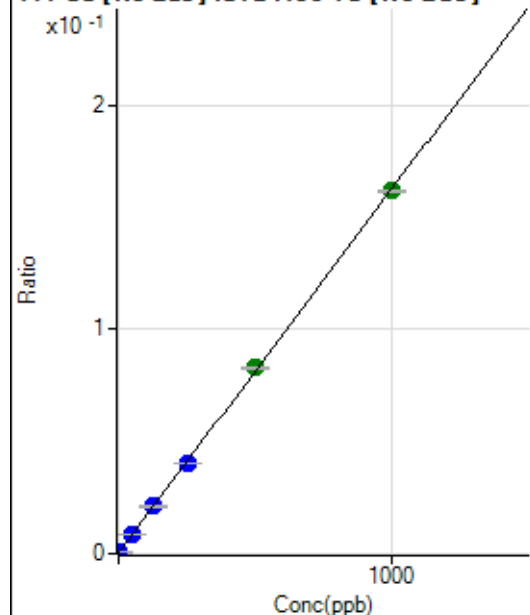
$$R = 0.9998$$

$$DL = 0.002121$$

$$BEC = 0.004563$$

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	10954.28	0.0003	P	1.4
2	☐	1.000	0.965	15219.42	0.0005	P	0.3
3	☐	50.000	50.355	285247.22	0.0085	P	1.0
4	☐	125.000	127.529	703794.74	0.0210	P	0.4
5	☐	250.000	246.486	1347303.38	0.0403	P	0.3
6	☐	500.000	509.461	2739885.11	0.0829	A	1.6
7	☐	1000.000	995.814	5359629.42	0.1618	A	0.6
8	☐			9634.30	0.0003	P	1.4

$$y = 1.6213\text{E-}004 * x + 3.3445\text{E-}004$$

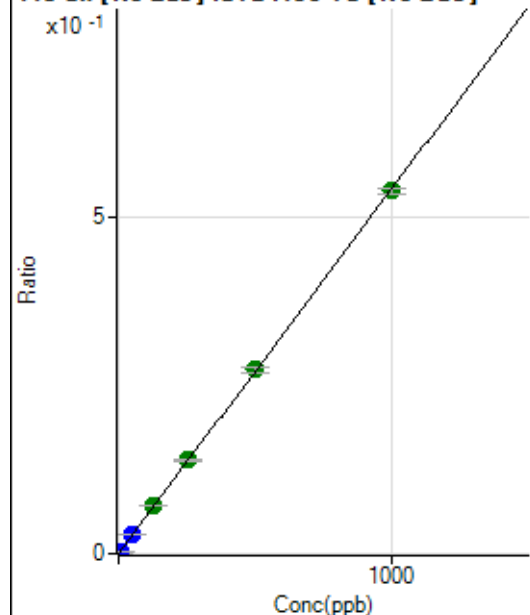
$$R = 0.9999$$

$$DL = 0.08718$$

$$BEC = 2.063$$

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	6528.50	0.0002	P	3.1
2	☐	5.000	5.314	95472.27	0.0031	P	1.7
3	☐	50.000	50.734	929641.39	0.0277	P	1.6
4	☐	125.000	133.481	2430130.87	0.0726	A	0.8
5	☐	250.000	256.217	4649899.27	0.1391	A	1.6
6	☐	500.000	504.155	9033094.73	0.2735	A	3.1
7	☐	1000.000	995.270	17877247.79	0.5397	A	1.4
8	☐			6108.09	0.0002	P	3.1

$$y = 5.4204\text{E-}004 * x + 1.9929\text{E-}004$$

$$R = 0.9999$$

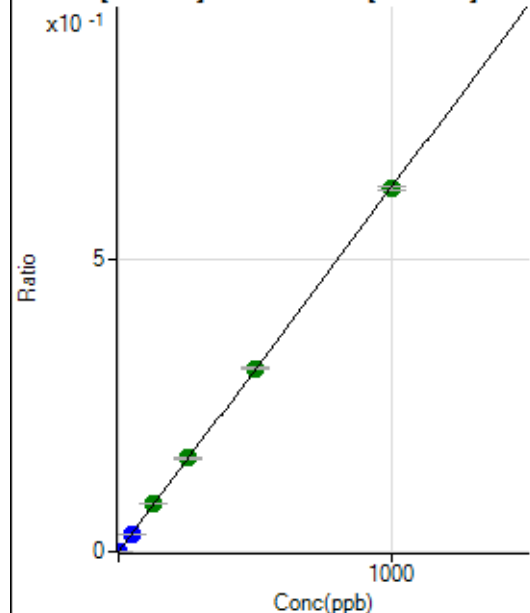
$$DL = 0.03443$$

$$BEC = 0.3677$$

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	57.78	0.0000	P	7.0
2	☐	2.000	2.098	40459.74	0.0013	P	1.3
3	☐	50.000	49.717	1036753.13	0.0309	P	1.6
4	☐	125.000	132.087	2748731.02	0.0821	A	1.8
5	☐	250.000	257.030	5339028.11	0.1597	A	0.9
6	☐	500.000	503.344	10331512.07	0.3127	A	1.3
7	☐	1000.000	995.698	20492666.22	0.6186	A	1.2
8	☐			9274.72	0.0003	P	7.9

$$y = 6.2129\text{E-}004 * x + 1.7628\text{E-}006$$

$$R = 0.9999$$

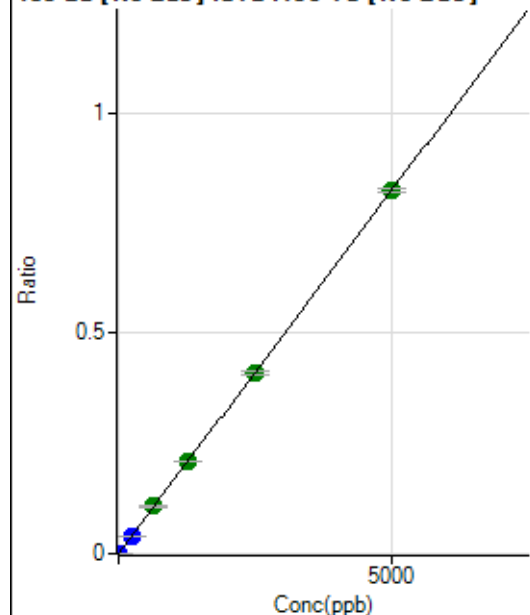
$$DL = 0.000598$$

$$BEC = 0.002837$$

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	220.00	0.0000	P	14.3
2	☐	10.000	10.363	53142.56	0.0017	P	0.7
3	☐	250.000	244.849	1354336.01	0.0404	P	1.5
4	☐	625.000	650.880	3592547.73	0.1073	A	1.5
5	☐	1250.000	1276.902	7034712.81	0.2104	A	0.2
6	☐	2500.000	2486.310	13536537.16	0.4097	A	2.0
7	☐	5000.000	4997.142	27277548.76	0.8234	A	1.1
8	☐			8751.80	0.0003	P	0.3

$$y = 1.6477\text{E-}004 * x + 6.7080\text{E-}006$$

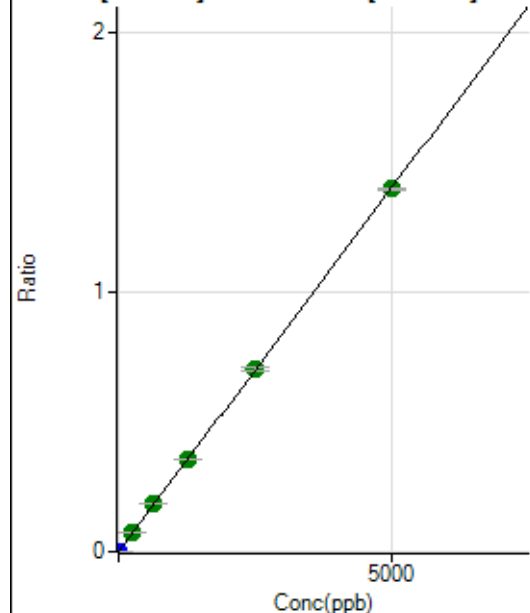
$$R = 1.0000$$

$$DL = 0.01749$$

$$BEC = 0.04071$$

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	340.01	0.0000	P	21.6
2	☐	10.000	10.522	91766.32	0.0030	P	1.0
3	☐	250.000	259.578	2443123.94	0.0728	A	0.4
4	☐	625.000	650.669	6110681.44	0.1824	A	0.4
5	☐	1250.000	1268.830	11893493.71	0.3557	A	0.5
6	☐	2500.000	2506.261	23216326.88	0.7027	A	2.4
7	☐	5000.000	4988.473	46330677.09	1.3986	A	0.5
8	☐			15028.47	0.0005	P	2.6

$$y = 2.8036E-004 * x + 1.0392E-005$$

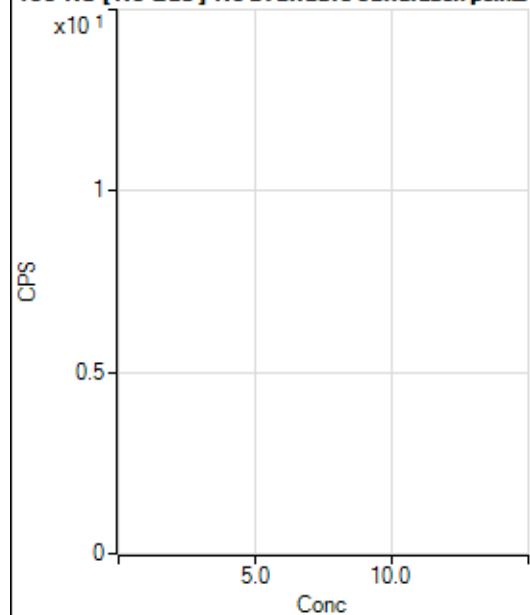
$$R = 1.0000$$

$$DL = 0.02407$$

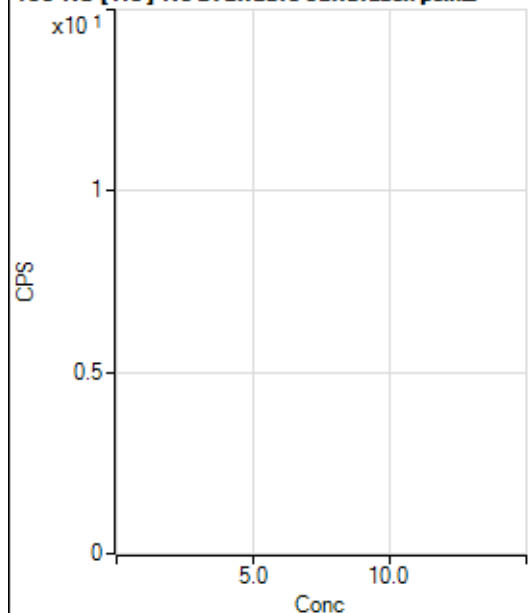
$$BEC = 0.03707$$

Weight: <None>

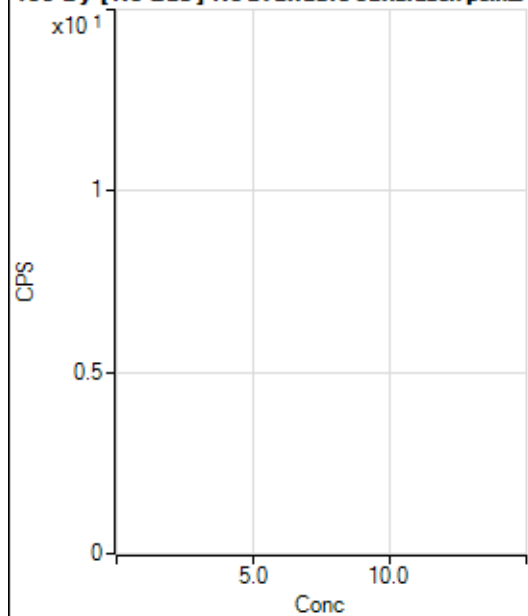
Min Conc: 0

150 Nd [No Gas] No available calibration points

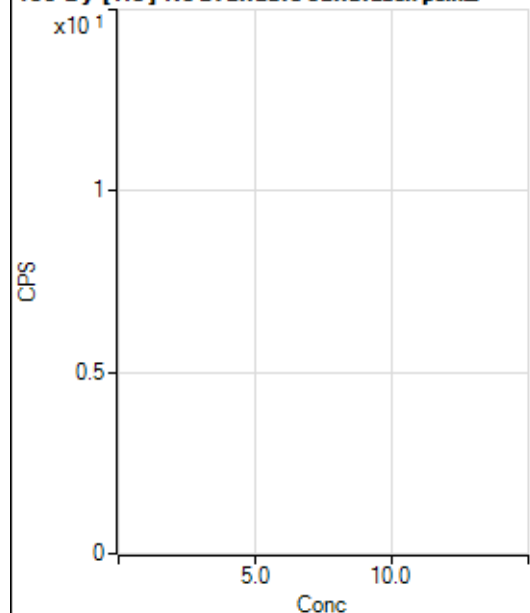
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	21.7
2	☐			25.56		P	54.3
3	☐			160.00		P	22.5
4	☐			360.01		P	8.2
5	☐			705.58		P	13.1
6	☐			1316.75		P	9.2
7	☐			2569.17		P	1.7
8	☐			436.68		P	4.0

150 Nd [He] No available calibration points

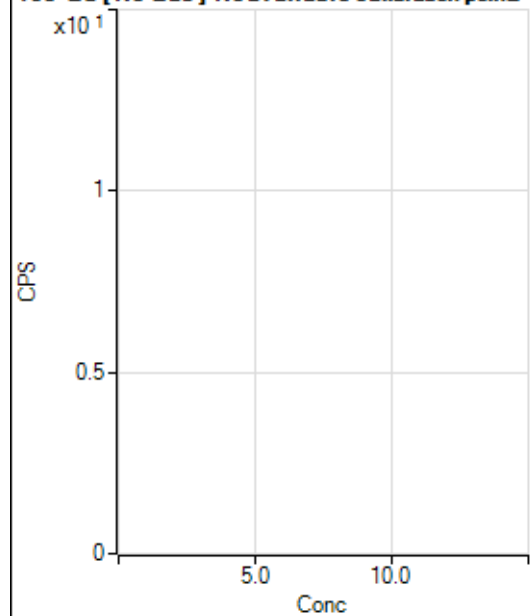
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	114.6
3	☐			10.00		P	33.3
4	☐			26.67		P	33.1
5	☐			62.22		P	8.2
6	☐			95.56		P	28.2
7	☐			186.67		P	23.4
8	☐			118.89		P	34.3

156 Dy [No Gas] No available calibration points

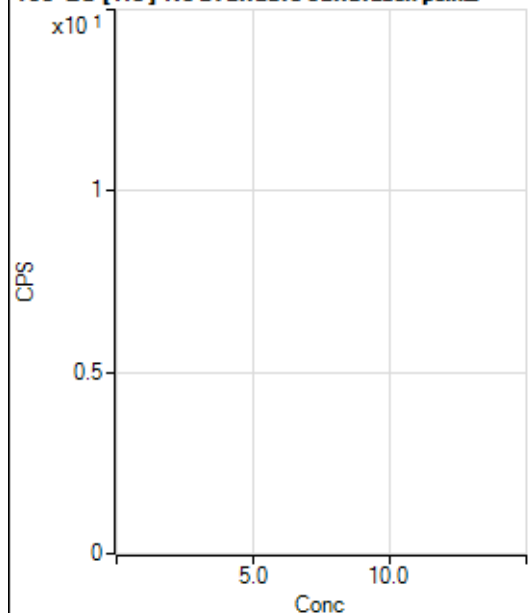
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	70.9
2	☐			30.00		P	19.2
3	☐			72.22		P	13.3
4	☐			112.22		P	3.4
5	☐			203.34		P	7.5
6	☐			408.90		P	5.0
7	☐			745.59		P	3.4
8	☐			831.15		P	10.8

156 Dy [He] No available calibration points

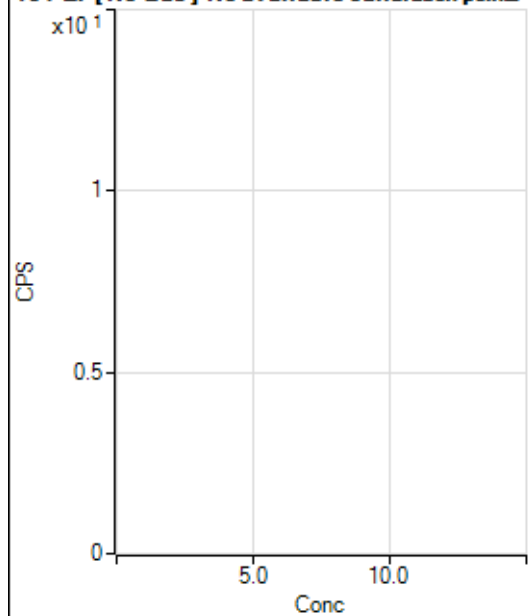
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			7.78		P	24.7
3	☐			21.11		P	9.1
4	☐			25.56		P	37.7
5	☐			48.89		P	27.5
6	☐			60.00		P	33.8
7	☐			150.01		P	13.9
8	☐			293.34		P	8.9

160 Gd [No Gas] Noavailable calibration poin_

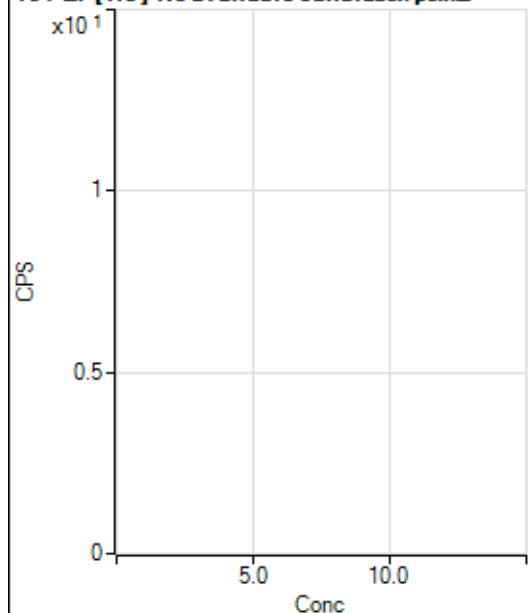
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			333.34		P	6.2
2	☐			314.45		P	9.0
3	☐			368.90		P	13.7
4	☐			354.46		P	3.0
5	☐			404.46		P	11.4
6	☐			496.68		P	12.5
7	☐			648.91		P	7.6
8	☐			1000.05		P	6.2

160 Gd [He] No available calibration points

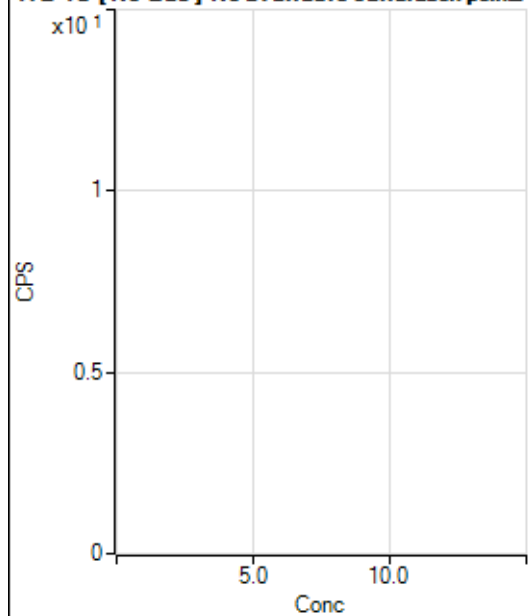
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.67		P	36.7
2	☐			54.44		P	33.7
3	☐			53.33		P	25.0
4	☐			64.44		P	38.8
5	☐			84.45		P	23.1
6	☐			123.34		P	16.2
7	☐			201.11		P	5.1
8	☐			305.56		P	14.8

164 Er [No Gas] No available calibration points

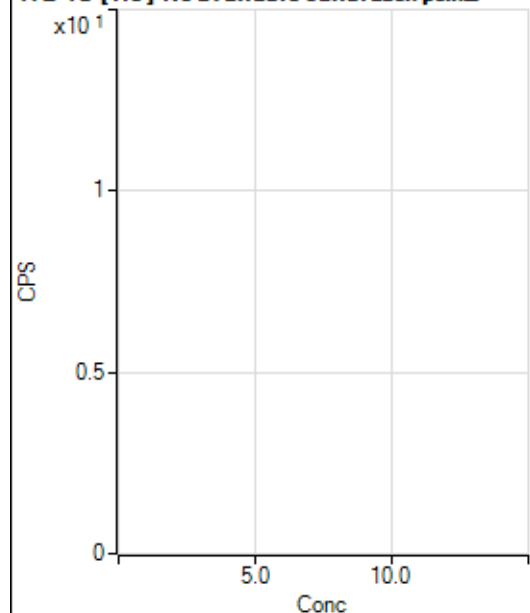
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			142.22		P	14.3
2	☐			133.34		P	11.5
3	☐			185.56		P	4.5
4	☐			224.45		P	8.4
5	☐			277.78		P	10.8
6	☐			415.57		P	11.7
7	☐			616.68		P	2.5
8	☐			887.82		P	5.0

164 Er [He] No available calibration points

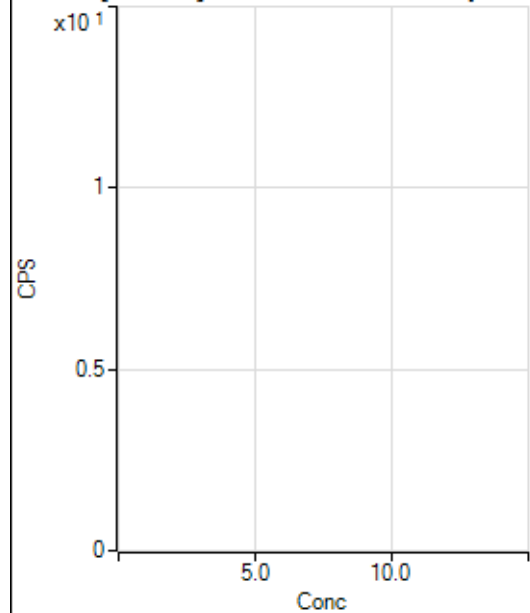
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	13.1
2	☐			54.44		P	9.4
3	☐			64.44		P	7.9
4	☐			64.44		P	11.9
5	☐			103.33		P	9.7
6	☐			145.56		P	18.5
7	☐			241.12		P	8.1
8	☐			277.79		P	10.9

172 Yb [No Gas] No available calibration points

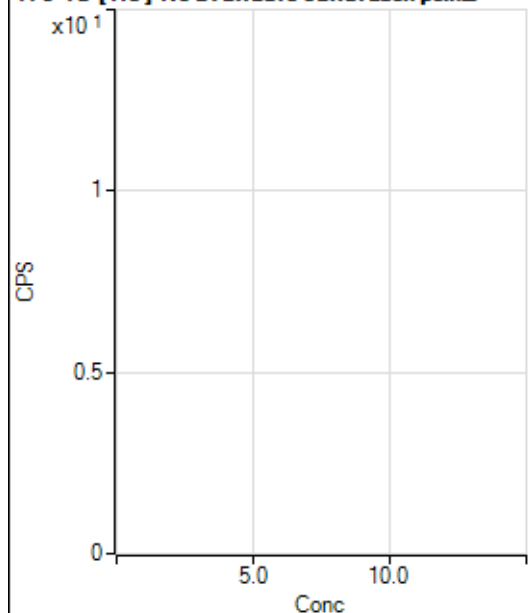
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			167.78		P	5.0
2	☐			164.45		P	19.5
3	☐			192.23		P	4.0
4	☐			243.34		P	13.9
5	☐			300.00		P	7.7
6	☐			413.34		P	17.4
7	☐			620.02		P	10.3
8	☐			1060.06		P	2.5

172 Yb [He] No available calibration points

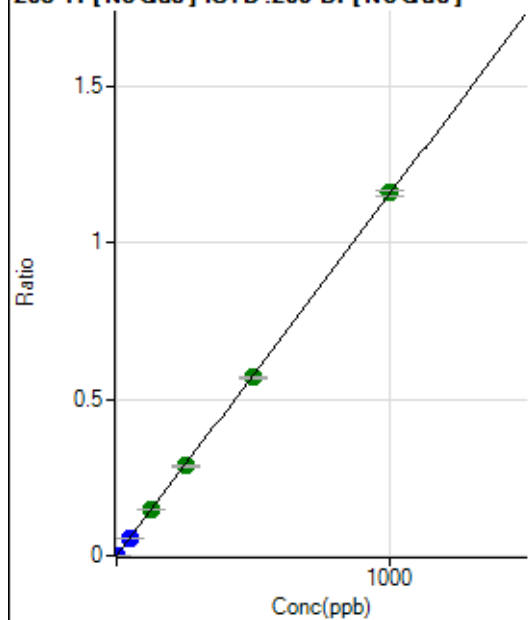
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	28.5
2	☐			76.67		P	37.1
3	☐			105.56		P	11.1
4	☐			88.89		P	11.5
5	☐			125.56		P	6.7
6	☐			167.78		P	16.5
7	☐			270.01		P	5.4
8	☐			495.57		P	3.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4783.14		P	3.0
2	☐			4358.53		P	0.7
3	☐			9523.54		P	0.9
4	☐			17474.95		P	0.7
5	☐			28794.78		P	0.4
6	☐			52590.83		P	2.2
7	☐			101411.25		P	0.9
8	☐			4660.87		P	3.8

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1193.41		P	4.6
2	☐			1101.17		P	3.7
3	☐			2756.98		P	6.9
4	☐			5579.01		P	3.3
5	☐			9853.76		P	2.0
6	☐			18658.83		P	2.6
7	☐			36807.80		P	1.0
8	☐			1146.73		P	4.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	304.45	0.0000	P	13.4
2	☐	1.000	0.960	20507.39	0.0011	P	2.9
3	☐	50.000	46.888	1059745.16	0.0542	P	0.7
4	☐	125.000	127.431	2818575.20	0.1472	A	1.3
5	☐	250.000	247.800	5455927.00	0.2863	A	0.5
6	☐	500.000	493.087	10627558.38	0.5697	A	1.6
7	☐	1000.000	1003.858	20928726.22	1.1598	A	1.6
8	☐			1417.88	0.0001	P	15.3

$$y = 0.0012 * x + 1.5798E-005$$

$$R = 1.0000$$

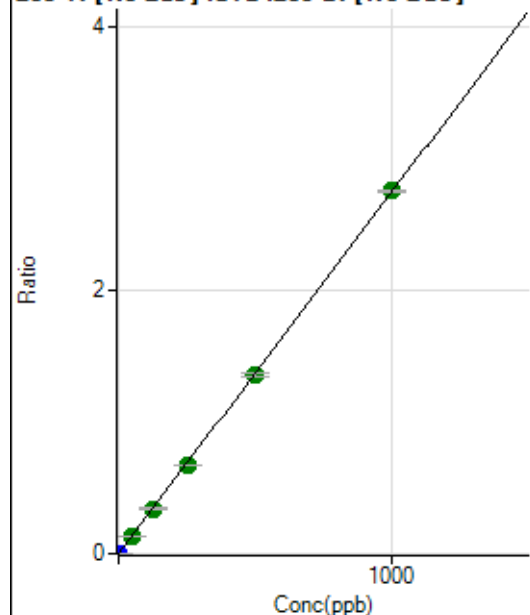
$$DL = 0.005484$$

$$BEC = 0.01367$$

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	704.47	0.0000	P	2.1
2	☐	1.000	0.974	49381.31	0.0027	P	3.1
3	☐	50.000	49.202	2640847.72	0.1350	A	0.2
4	☐	125.000	124.508	6540038.30	0.3416	A	1.4
5	☐	250.000	245.413	12831747.73	0.6733	A	0.5
6	☐	500.000	494.481	25307593.23	1.3567	A	1.5
7	☐	1000.000	1004.008	49704083.71	2.7546	A	0.5
8	☐			3206.04	0.0002	P	16.5

$$y = 0.0027 * x + 3.6546E-005$$

$$R = 1.0000$$

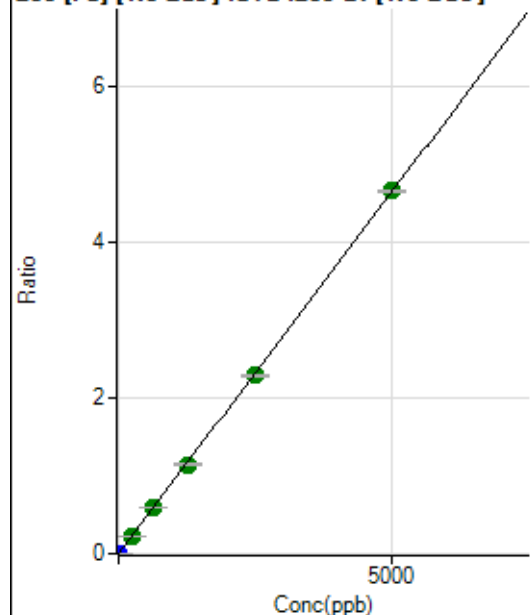
$$DL = 0.0008284$$

$$BEC = 0.01332$$

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	1496.77	0.0001	P	4.1
2	☐	1.000	0.961	17673.24	0.0010	P	3.1
3	☐	250.000	245.847	4464297.54	0.2283	A	0.9
4	☐	625.000	631.395	11219408.03	0.5861	A	1.1
5	☐	1250.000	1231.863	21788605.51	1.1434	A	1.0
6	☐	2500.000	2470.196	42768812.14	2.2927	A	1.3
7	☐	5000.000	5018.844	84055495.41	4.6582	A	0.8
8	☐			13040.06	0.0009	P	1.6

$$y = 9.2813E-004 * x + 7.7636E-005$$

$$R = 1.0000$$

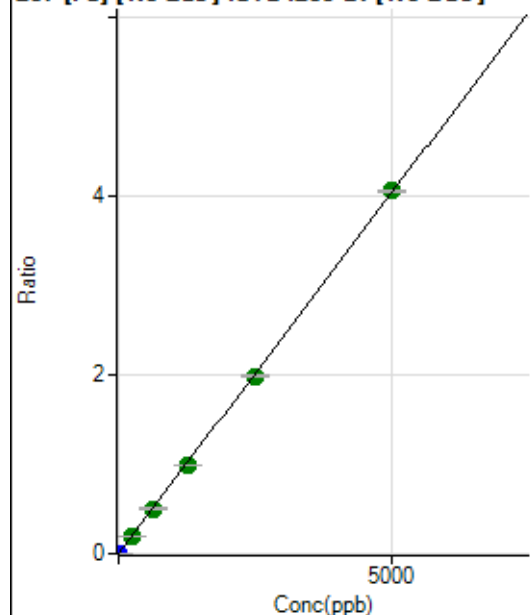
$$DL = 0.01039$$

$$BEC = 0.08365$$

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	1341.19	0.0001	P	1.5
2	☐	1.000	0.983	15707.41	0.0009	P	4.0
3	☐	250.000	243.379	3837603.24	0.1962	A	2.3
4	☐	625.000	625.734	9655066.94	0.5044	A	2.3
5	☐	1250.000	1222.919	18785205.14	0.9858	A	0.9
6	☐	2500.000	2460.433	36996729.17	1.9832	A	0.6
7	☐	5000.000	5026.793	73112126.69	4.0518	A	0.7
8	☐			11316.21	0.0008	P	3.9

$$y = 8.0602E-004 * x + 6.9552E-005$$

$$R = 0.9999$$

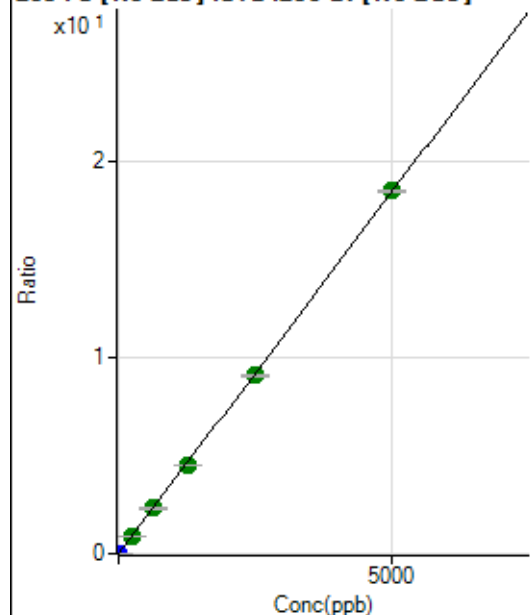
$$DL = 0.003902$$

$$BEC = 0.08629$$

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	6061.73	0.0003	P	1.6
2	☐	1.000	0.970	70672.00	0.0039	P	3.0
3	☐	250.000	244.816	17596287.65	0.8998	A	1.4
4	☐	625.000	628.016	44175058.51	2.3076	A	0.9
5	☐	1250.000	1226.883	85900752.75	4.5078	A	1.0
6	☐	2500.000	2464.305	168903051.0	9.0541	A	0.6
7	☐	5000.000	5023.509	333033397.2	18.4566	A	0.5
8	☐			51107.61	0.0034	P	1.8

$$y = 0.0037 * x + 3.1436E-004$$

$$R = 0.9999$$

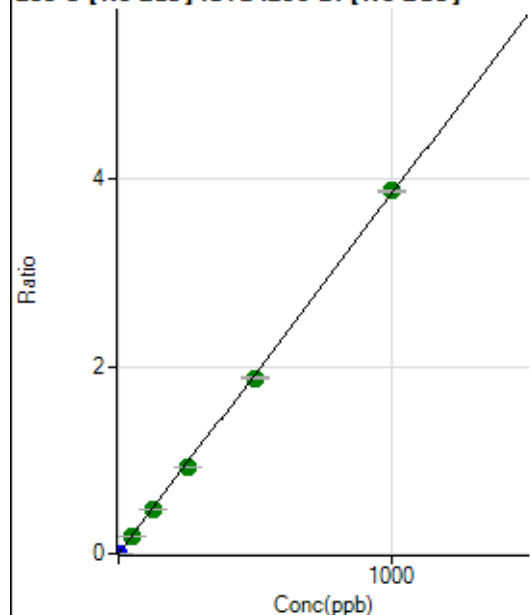
$$DL = 0.004118$$

$$BEC = 0.08556$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	163.34	0.0000	P	28.5
2	☐	1.000	0.927	65043.15	0.0036	P	0.9
3	☐	50.000	48.015	3604608.35	0.1843	A	2.5
4	☐	125.000	122.201	8980717.43	0.4691	A	1.6
5	☐	250.000	239.861	17547479.32	0.9208	A	0.3
6	☐	500.000	488.558	34988442.81	1.8755	A	0.5
7	☐	1000.000	1008.705	69870757.85	3.8723	A	0.3
8	☐			1783.52	0.0001	P	21.4

$$y = 0.0038 * x + 8.4424E-006$$

$$R = 0.9998$$

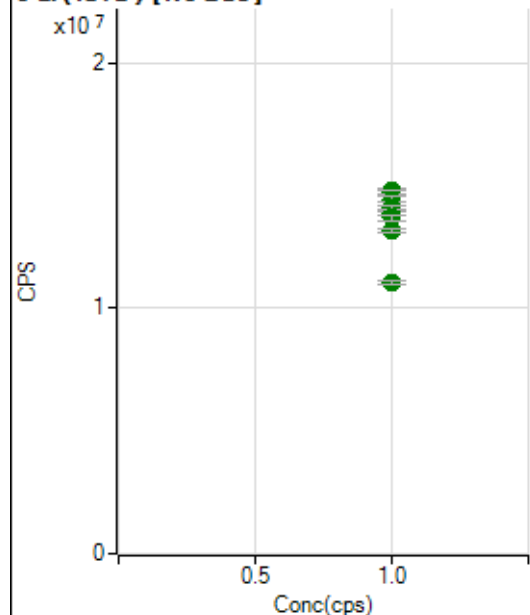
$$DL = 0.001879$$

$$BEC = 0.002199$$

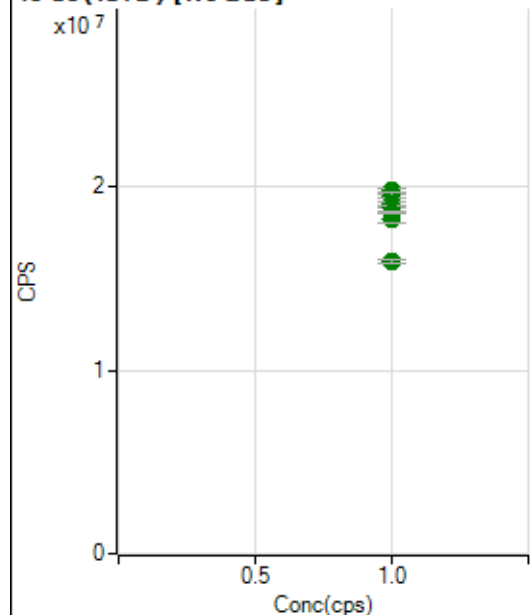
Weight: <None>

Min Conc: 0

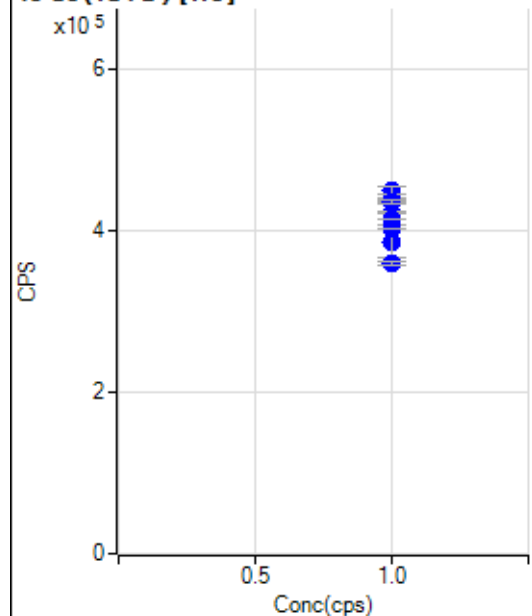
6 Li (ISTD) [No Gas]



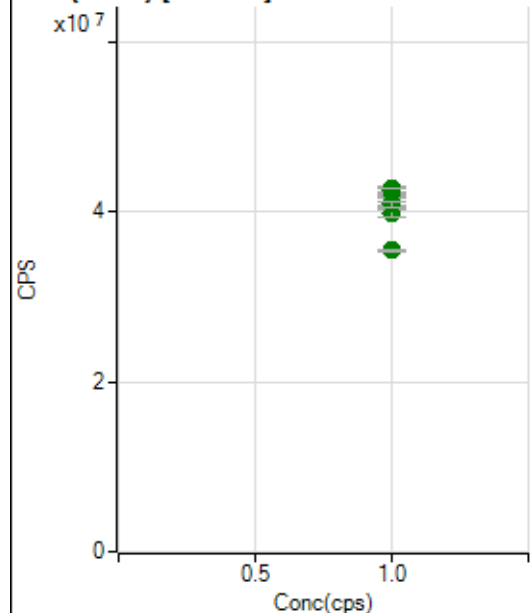
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14776188.94		A	1.7
2	☐	1.000		13888228.89		A	1.3
3	☐	1.000		14750251.35		A	1.1
4	☐	1.000		14441403.70		A	1.4
5	☐	1.000		14110871.89		A	0.9
6	☐	1.000		13674054.41		A	1.7
7	☐	1.000		13151373.39		A	0.8
8	☐	1.000		11072121.21		A	1.3

45 Sc (ISTD) [No Gas]

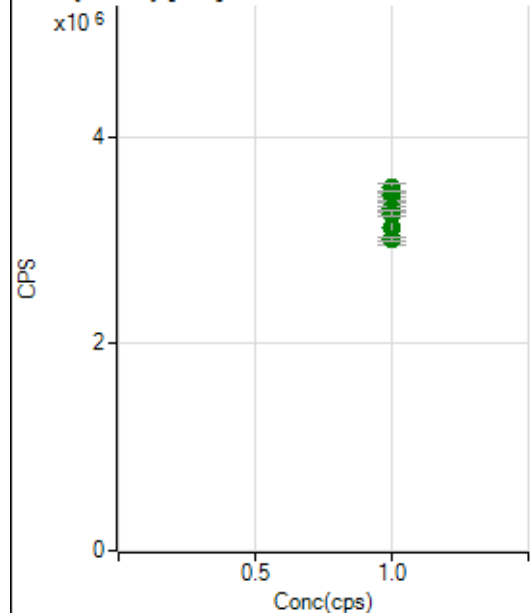
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19755932.62		A	1.0
2	☐	1.000		18271565.56		A	2.8
3	☐	1.000		19600142.49		A	0.3
4	☐	1.000		19505876.38		A	1.5
5	☐	1.000		19031610.69		A	1.5
6	☐	1.000		18811630.56		A	1.9
7	☐	1.000		18579846.95		A	0.7
8	☐	1.000		15872261.57		A	1.3

45 Sc (ISTD) [He]

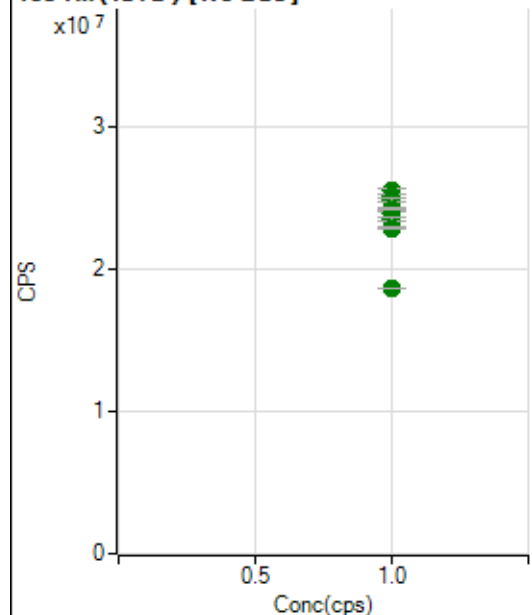
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		438001.63		P	1.2
2	☐	1.000		448539.41		P	2.2
3	☐	1.000		434401.74		P	1.1
4	☐	1.000		421973.33		P	0.8
5	☐	1.000		413022.33		P	0.3
6	☐	1.000		386083.45		P	10.0
7	☐	1.000		402725.30		P	0.1
8	☐	1.000		359092.18		P	1.1

89 Y (ISTD) [No Gas]

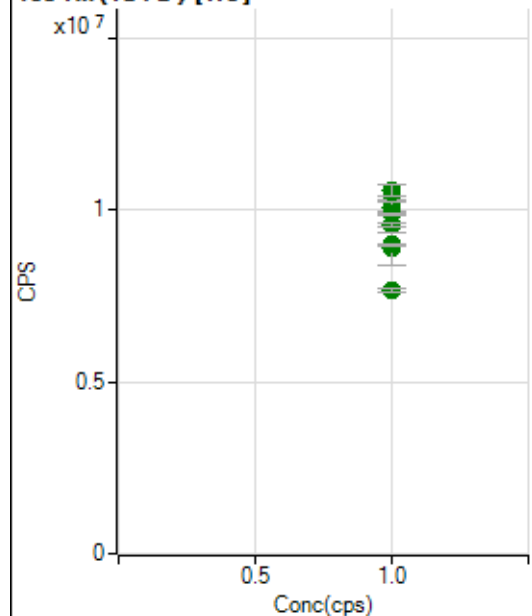
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		42103528.81		A	1.0
2	☐	1.000		39865073.57		A	1.9
3	☐	1.000		42701026.86		A	1.5
4	☐	1.000		42505219.09		A	1.5
5	☐	1.000		41657072.71		A	0.4
6	☐	1.000		40947928.00		A	0.7
7	☐	1.000		40858182.45		A	1.2
8	☐	1.000		35420842.25		A	1.1

89 Y (ISTD) [He]

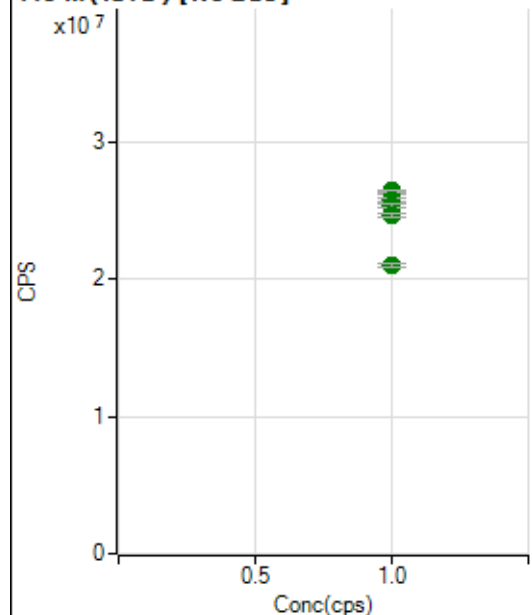
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3439516.10		A	1.0
2	☐	1.000		3508476.47		A	2.8
3	☐	1.000		3448427.41		A	1.7
4	☐	1.000		3376248.87		A	0.5
5	☐	1.000		3303781.65		A	1.4
6	☐	1.000		3123373.91		A	11.1
7	☐	1.000		3262398.84		A	1.3
8	☐	1.000		3015178.11		A	1.5

103 Rh (ISTD) [No Gas]

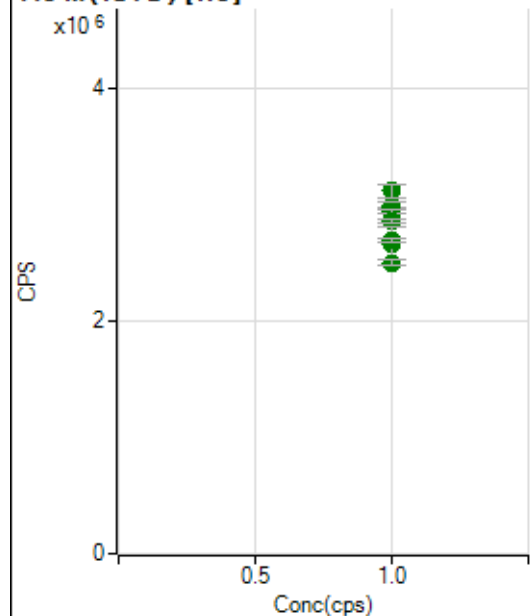
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25512555.17		A	1.4
2	☐	1.000		23885985.75		A	1.7
3	☐	1.000		25170911.29		A	1.2
4	☐	1.000		24832431.57		A	1.1
5	☐	1.000		24215434.08		A	0.5
6	☐	1.000		23484169.93		A	1.2
7	☐	1.000		22911634.38		A	0.5
8	☐	1.000		18661857.92		A	0.3

103 Rh (ISTD) [He]

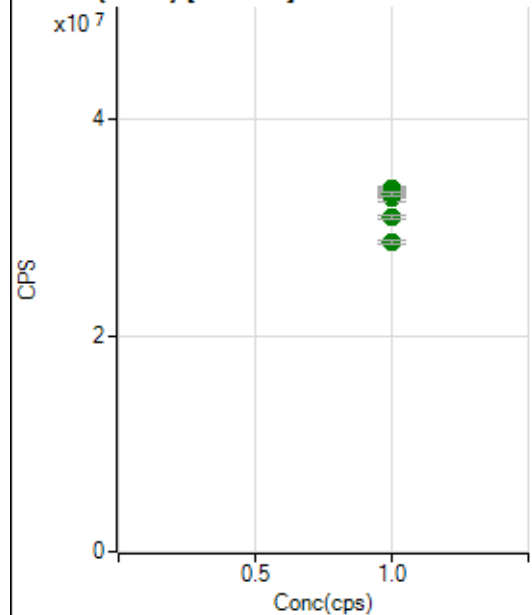
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10282372.77		A	0.6
2	☐	1.000		10564494.84		A	3.1
3	☐	1.000		10098879.23		A	2.6
4	☐	1.000		9884808.19		A	0.7
5	☐	1.000		9587785.76		A	1.2
6	☐	1.000		8887265.08		A	11.0
7	☐	1.000		8999393.89		A	0.5
8	☐	1.000		7678673.15		A	1.4

115 In (ISTD) [No Gas]

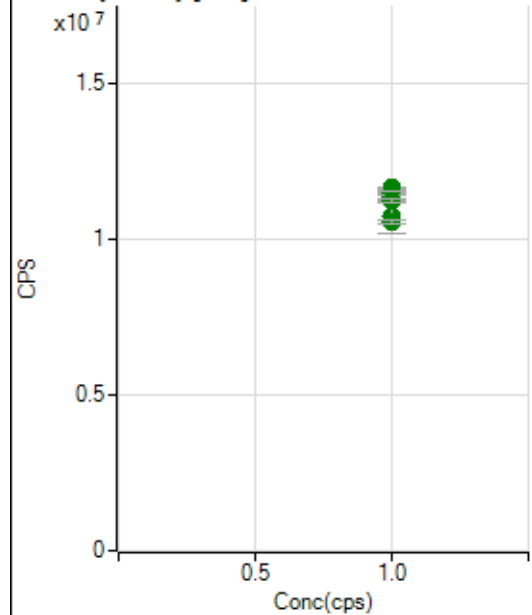
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26393774.30		A	1.1
2	☐	1.000		24627508.85		A	1.2
3	☐	1.000		26273968.46		A	0.9
4	☐	1.000		26460520.15		A	0.4
5	☐	1.000		25838296.93		A	1.1
6	☐	1.000		25378471.06		A	1.5
7	☐	1.000		24686997.92		A	0.8
8	☐	1.000		21005222.98		A	1.2

115 In (ISTD) [He]

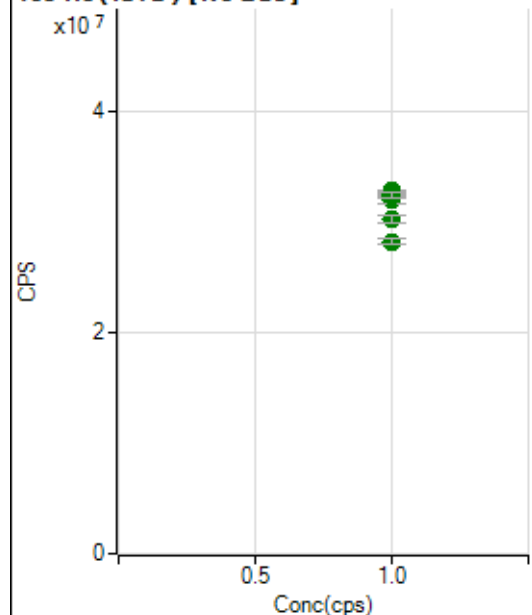
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2993498.82		A	1.4
2	☐	1.000		3114830.14		A	3.4
3	☐	1.000		2973532.84		A	3.0
4	☐	1.000		2936500.59		A	0.8
5	☐	1.000		2859921.58		A	1.1
6	☐	1.000		2665409.48		A	10.5
7	☐	1.000		2689755.10		A	1.5
8	☐	1.000		2494951.55		A	1.9

159 Tb (ISTD) [No Gas]

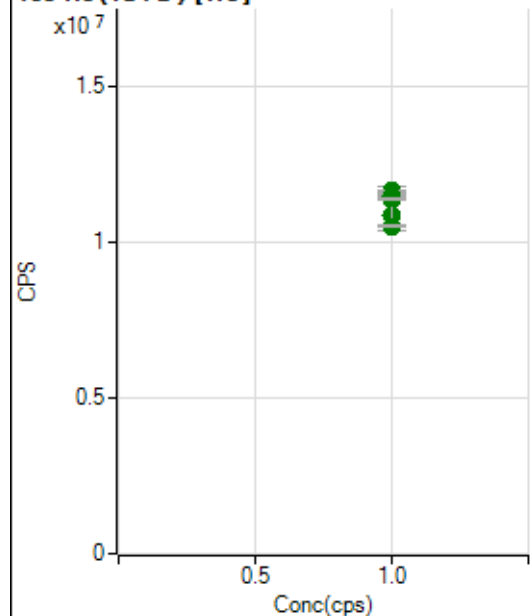
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		32747730.35		A	1.8
2	☐	1.000		31001816.48		A	1.4
3	☐	1.000		33566829.22		A	1.3
4	☐	1.000		33496251.72		A	0.6
5	☐	1.000		33433772.28		A	0.4
6	☐	1.000		33042148.39		A	1.8
7	☐	1.000		33128240.34		A	0.8
8	☐	1.000		28697251.79		A	1.3

159 Tb (ISTD) [He]

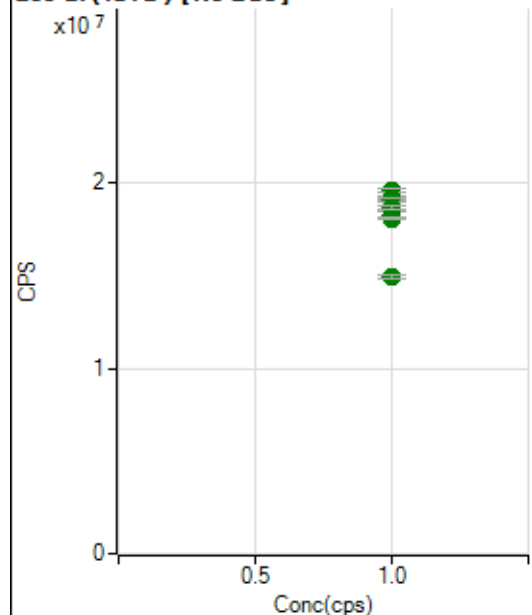
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11368447.19		A	1.4
2	☐	1.000		11602807.19		A	1.5
3	☐	1.000		11649955.52		A	0.9
4	☐	1.000		11533694.00		A	0.5
5	☐	1.000		11493139.69		A	1.1
6	☐	1.000		10714892.97		A	9.6
7	☐	1.000		11227434.56		A	1.1
8	☐	1.000		10564068.87		A	1.6

165 Ho (ISTD) [No Gas]

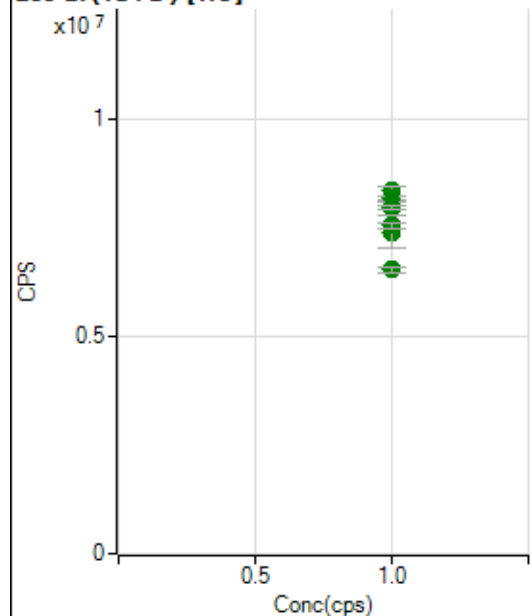
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		32021777.58		A	2.0
2	☐	1.000		30300821.49		A	2.1
3	☐	1.000		32369679.52		A	1.3
4	☐	1.000		32879840.62		A	0.2
5	☐	1.000		32693081.73		A	0.7
6	☐	1.000		32580878.40		A	1.7
7	☐	1.000		32508711.46		A	1.2
8	☐	1.000		28273755.41		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11475019.00		A	1.6
2	☐	1.000		11661631.49		A	2.6
3	☐	1.000		11656613.30		A	0.6
4	☐	1.000		11487056.22		A	1.3
5	☐	1.000		11401723.58		A	0.8
6	☐	1.000		10896389.49		A	9.6
7	☐	1.000		11406969.55		A	0.8
8	☐	1.000		10532745.33		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19281155.55		A	1.8
2	☐	1.000		18230463.48		A	2.2
3	☐	1.000		19558220.26		A	1.1
4	☐	1.000		19144604.02		A	1.4
5	☐	1.000		19057122.36		A	1.2
6	☐	1.000		18655526.11		A	1.0
7	☐	1.000		18043988.20		A	0.6
8	☐	1.000		14962317.83		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8188563.70		A	1.9
2	☐	1.000		8362759.88		A	2.7
3	☐	1.000		8202742.72		A	0.8
4	☐	1.000		8100526.13		A	0.2
5	☐	1.000		7984557.59		A	1.0
6	☐	1.000		7424024.68		A	9.8
7	☐	1.000		7558206.69		A	1.5
8	☐	1.000		6555238.72		A	2.1