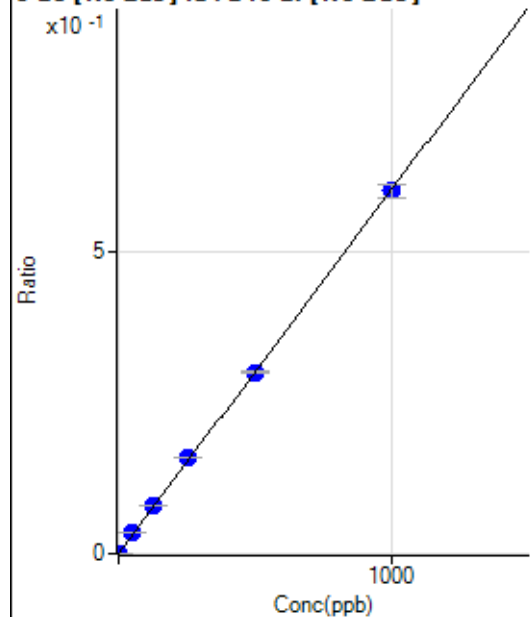


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7120423-MS1.b\
Analysis File: P7120423-MS1.batch.bin
DA Date-Time: 2023-12-04 17:15:56
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	007CALB.d	S00	2023-12-04 11:16:31
2	009CALS.d	S02	2023-12-04 11:23:11
3	010CALS.d	S03	2023-12-04 11:26:31
4	011CALS.d	S04	2023-12-04 11:29:48
5	012CALS.d	S05	2023-12-04 11:32:58
6	013CALS.d	S06	2023-12-04 11:35:56
7	014CALS.d	S07	2023-12-04 11:38:54
8	015CALS.d	S08	2023-12-04 11:41:46

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	98.89	0.0001	P	18.7
2	☐	1.000	1.010	688.91	0.0007	P	4.7
3	☐	50.000	56.290	33443.70	0.0341	P	1.6
4	☐	125.000	132.359	78573.77	0.0800	P	1.1
5	☐	250.000	262.236	151871.78	0.1583	P	0.3
6	☐	500.000	497.885	286201.51	0.3005	P	0.7
7	☐	1000.000	996.764	550621.07	0.6015	P	3.8
8	☐			497.79	0.0006	P	9.9

$$y = 6.0338\text{E-}004 * x + 9.8924\text{E-}005$$

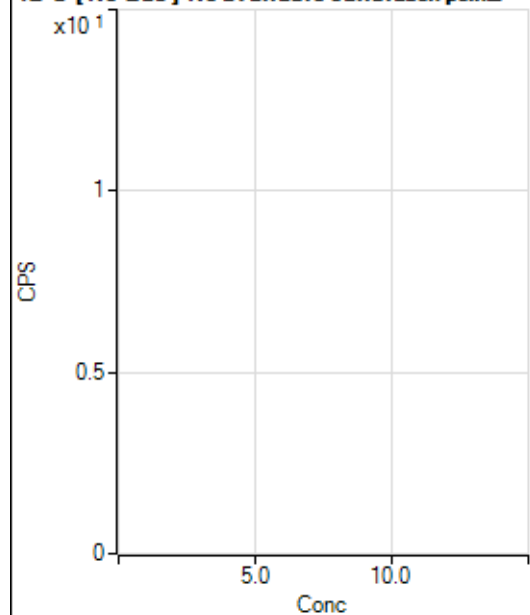
$$R = 0.9999$$

$$DL = 0.09218$$

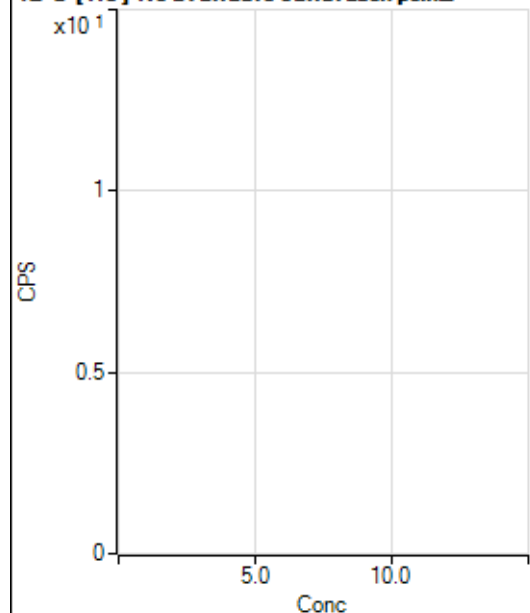
$$BEC = 0.1639$$

Weight: <None>

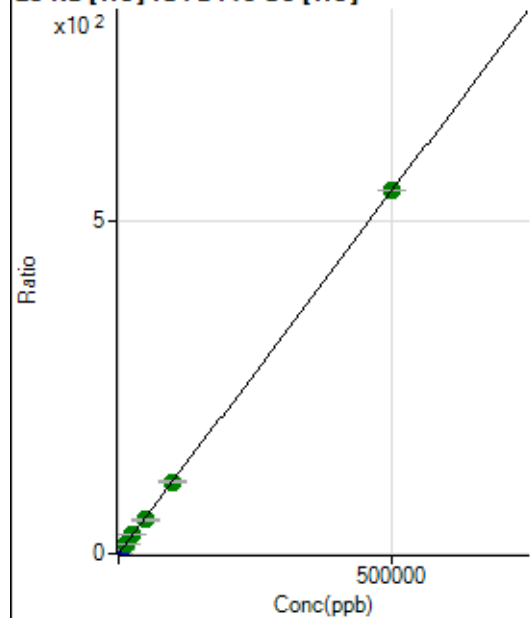
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8506.86	0.0477	P	3.1
2	☐	500.000	459.114	99229.99	0.5480	P	1.7
3	☐	5000.000	5326.669	1026831.15	5.8519	P	0.7
4	☐	12500.000	12679.217	2355398.49	13.8636	A	1.0
5	☐	25000.000	25478.715	4550207.05	27.8106	A	0.8
6	☐	50000.000	46529.964	8711904.11	50.7491	A	7.9
7	☐	100000.00	98955.508	17013454.61	107.8746	A	1.5
8	☐	500000.00	500524.26	79004543.27	545.4441	A	0.2

$$y = 0.0011 * x + 0.0477$$

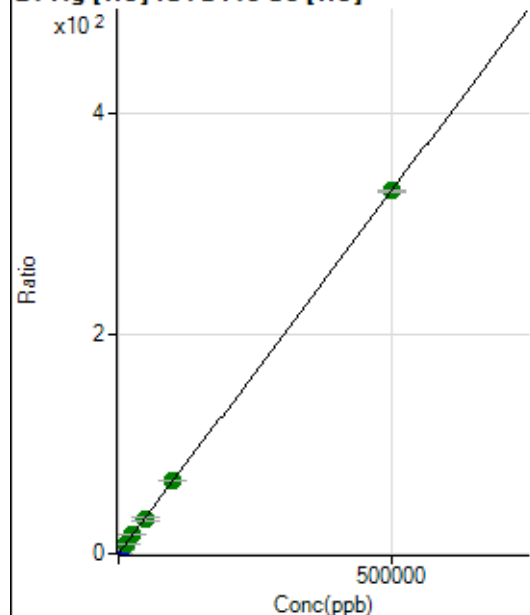
$$R = 1.0000$$

$$DL = 4.09$$

$$BEC = 43.77$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	494.45	0.0028	P	6.2
2	☐	500.000	472.820	57011.77	0.3148	P	0.9
3	☐	5000.000	5432.713	629629.52	3.5883	P	0.7
4	☐	12500.000	12974.284	1455292.39	8.5656	A	0.2
5	☐	25000.000	25960.816	2803715.90	17.1365	A	1.2
6	☐	50000.000	47773.398	5411889.71	31.5324	A	8.3
7	☐	100000.00	100826.54	10495140.54	66.5466	A	1.8
8	☐	500000.00	499993.15	47797948.73	329.9898	A	0.6

$$y = 6.5998\text{E-}004 * x + 0.0028$$

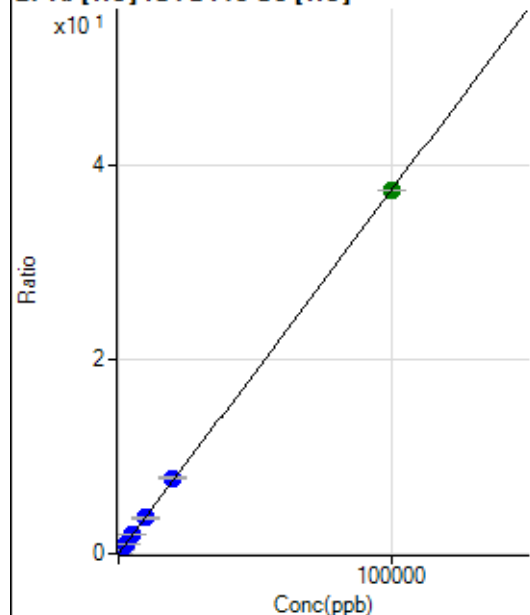
$$R = 1.0000$$

$$DL = 0.7796$$

$$BEC = 4.201$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.00	0.0004	P	26.2
2	☐	20.000	18.708	1338.96	0.0074	P	3.0
3	☐	1000.000	1078.285	70878.19	0.4039	P	1.2
4	☐	2500.000	2682.900	170655.33	1.0044	P	0.6
5	☐	5000.000	5391.161	330169.44	2.0180	P	0.7
6	☐	10000.000	9846.013	632321.22	3.6852	P	8.8
7	☐	20000.000	20820.884	1228972.38	7.7924	P	1.6
8	☐	100000.00	99826.309	5411271.03	37.3595	A	0.2

$$y = 3.7424\text{E-}004 * x + 3.9304\text{E-}004$$

$$R = 1.0000$$

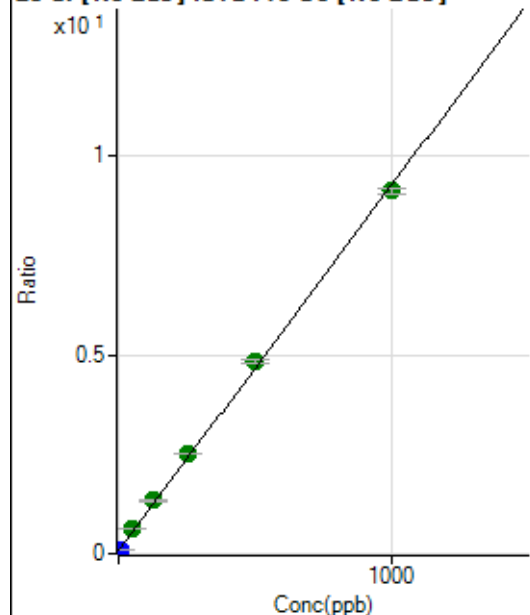
$$DL = 0.8263$$

$$BEC = 1.05$$

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	172011.67	0.0745	P	3.6
2	☐	10.000	0.660	182936.72	0.0806	P	0.7
3	☐	50.000	59.043	1365530.73	0.6176	A	2.1
4	☐	125.000	137.009	2929675.82	1.3348	A	0.8
5	☐	250.000	265.565	5417831.34	2.5174	A	1.1
6	☐	500.000	518.990	10119289.99	4.8487	A	1.7
7	☐	1000.000	984.754	18589816.11	9.1332	A	1.5
8	☐			336639.85	0.1786	P	5.2

$$y = 0.0092 * x + 0.0745$$

$$R = 0.9994$$

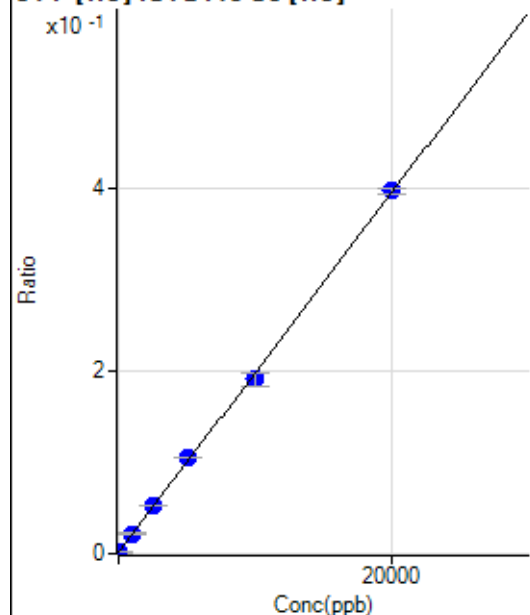
$$DL = 0.8685$$

$$BEC = 8.096$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.289	185.56	0.0010	P	15.7
2	☐	0.000	11.289	268.89	0.0015	P	6.1
3	☐	1000.000	1040.908	3822.74	0.0218	P	3.2
4	☐	2500.000	2616.860	8980.49	0.0529	P	2.5
5	☐	5000.000	5262.648	17183.09	0.1050	P	1.0
6	☐	10000.000	9624.038	32797.33	0.1910	P	7.6
7	☐	20000.000	20105.666	62718.86	0.3977	P	1.7
8	☐			184.45	0.0013	P	8.7

$$y = 1.9717E-005 * x + 0.0013$$

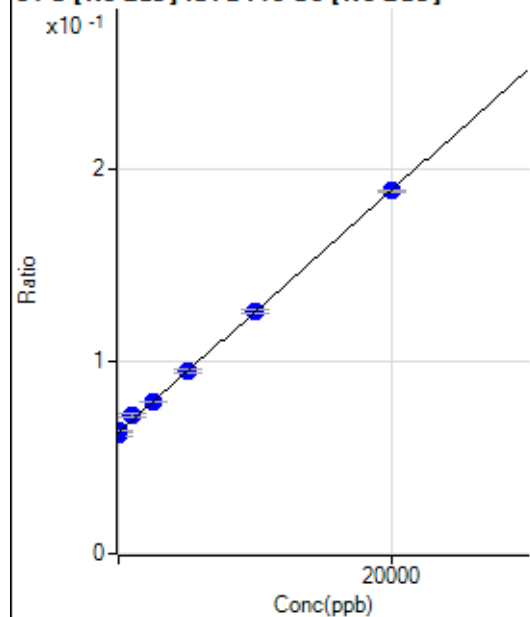
$$R = 0.9996$$

$$DL = 19.32$$

$$BEC = 64.02$$

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	-198.013	142471.05	0.0617	P	3.9
2	☐	0.000	198.013	145775.25	0.0642	P	0.2
3	☐	1000.000	1440.868	159188.28	0.0720	P	2.1
4	☐	2500.000	2502.700	172675.39	0.0787	P	0.5
5	☐	5000.000	5073.111	204116.64	0.0948	P	1.4
6	☐	10000.000	10040.813	263157.37	0.1261	P	1.8
7	☐	20000.000	19938.935	383357.84	0.1883	P	0.5
8	☐			117348.56	0.0622	P	1.9

$$y = 6.2896\text{E-}006 * x + 0.0629$$

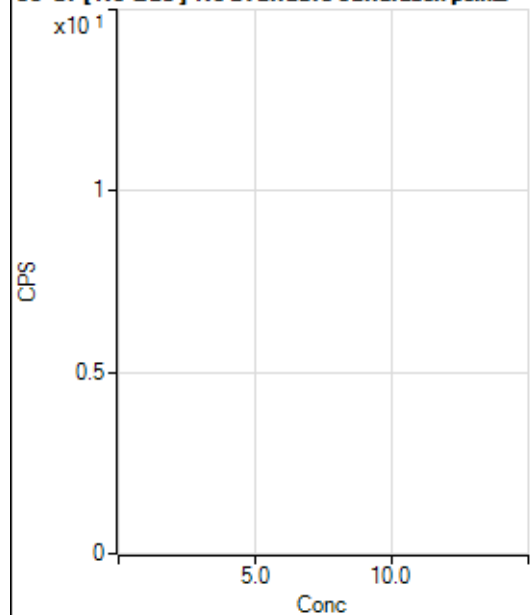
$$R = 0.9996$$

$$DL = 604.5$$

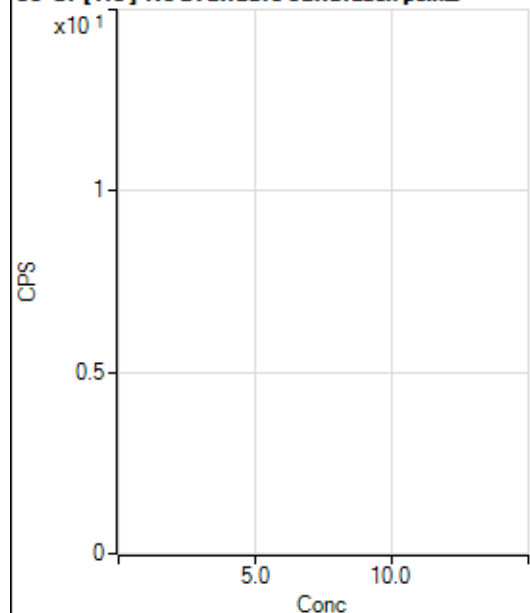
$$BEC = 1.001\text{E}+04$$

Weight: <None>

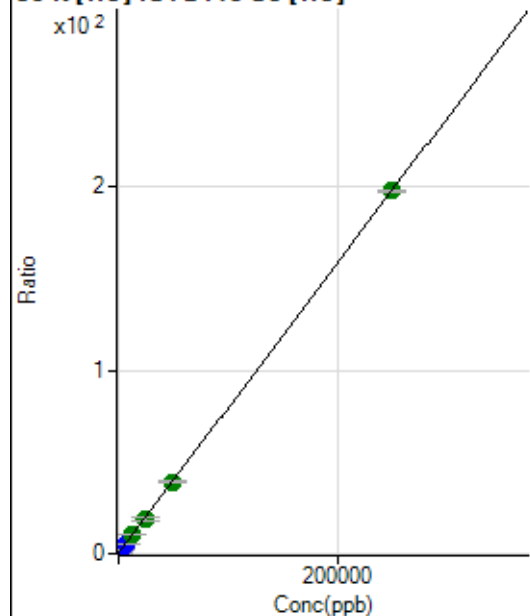
Min Conc: 0

35 Cl [No Gas] No available calibration points

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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	42238.52	0.2368	P	1.1
2	☐	500.000	472.746	110409.92	0.6097	P	1.5
3	☐	2500.000	2728.407	419202.39	2.3890	P	0.2
4	☐	6250.000	6828.361	955367.13	5.6231	P	0.1
5	☐	12500.000	12823.966	1693947.91	10.3526	A	0.8
6	☐	25000.000	23486.247	3220406.69	18.7632	A	8.3
7	☐	50000.000	49460.072	6190182.97	39.2519	A	2.2
8	☐	250000.00	250226.47	28623524.85	197.6205	A	0.8

$$y = 7.8882E-004 * x + 0.2368$$

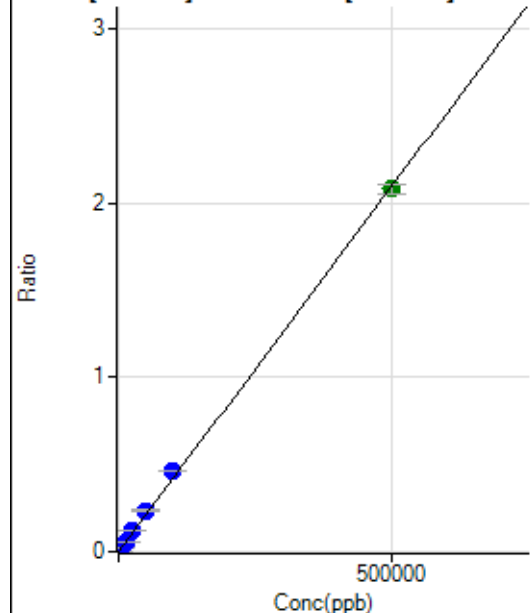
$$R = 1.0000$$

$$DL = 9.49$$

$$BEC = 300.2$$

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	425.56	0.0002	P	8.6
2	☐	500.000	452.980	4733.00	0.0021	P	3.5
3	☐	5000.000	5920.364	55298.03	0.0250	P	2.2
4	☐	12500.000	14165.558	130772.71	0.0596	P	0.7
5	☐	25000.000	28173.104	254642.66	0.1183	P	1.7
6	☐	50000.000	56294.648	493094.52	0.2363	P	1.1
7	☐	100000.00	111177.53	949317.75	0.4664	P	0.5
8	☐	500000.00	496925.57	3929188.97	2.0840	A	2.4

$$y = 4.1935\text{E-}006 * x + 1.8447\text{E-}004$$

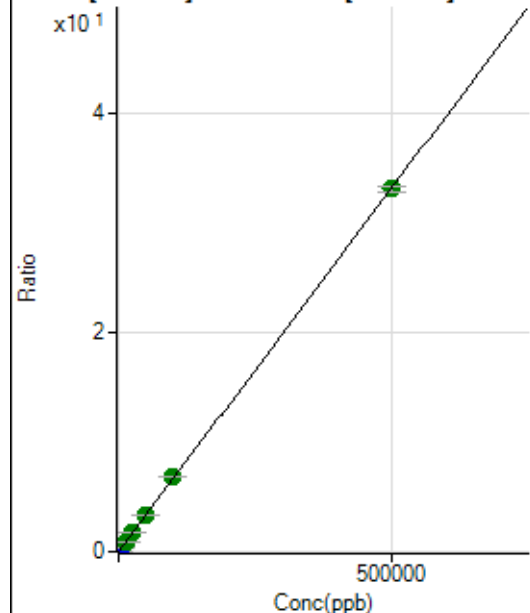
$$R = 0.9997$$

$$DL = 11.35$$

$$BEC = 43.99$$

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	5452.15	0.0024	P	3.6
2	☐	500.000	476.038	76979.61	0.0339	P	0.5
3	☐	5000.000	5799.901	854630.46	0.3865	P	2.0
4	☐	12500.000	13133.785	1914373.95	0.8723	A	1.6
5	☐	25000.000	25972.734	3707693.80	1.7228	A	1.2
6	☐	50000.000	51299.525	7097449.82	3.4004	A	0.5
7	☐	100000.00	102998.97	13891424.65	6.8250	A	1.0
8	☐	500000.00	499197.79	62350589.07	33.0690	A	1.9

$$y = 6.6240\text{E-}005 * x + 0.0024$$

$$R = 1.0000$$

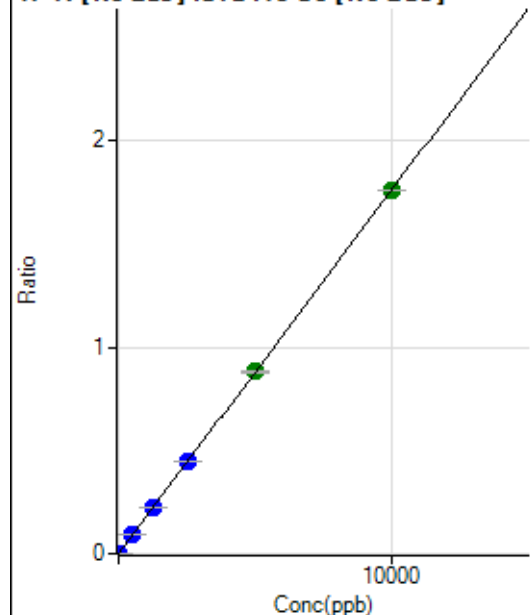
$$DL = 3.878$$

$$BEC = 35.64$$

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	86.67	0.0000	P	5.8
2	☐	5.000	4.494	1883.47	0.0008	P	2.0
3	☐	500.000	537.223	209340.22	0.0947	P	1.8
4	☐	1250.000	1277.848	494134.11	0.2252	P	0.7
5	☐	2500.000	2548.599	966379.36	0.4490	P	1.0
6	☐	5000.000	5001.222	1838899.02	0.8811	A	1.9
7	☐	10000.000	9981.897	3579351.51	1.7585	A	0.2
8	☐			683.36	0.0004	P	4.5

$$y = 1.7617\text{E-}004 * x + 3.7478\text{E-}005$$

$$R = 1.0000$$

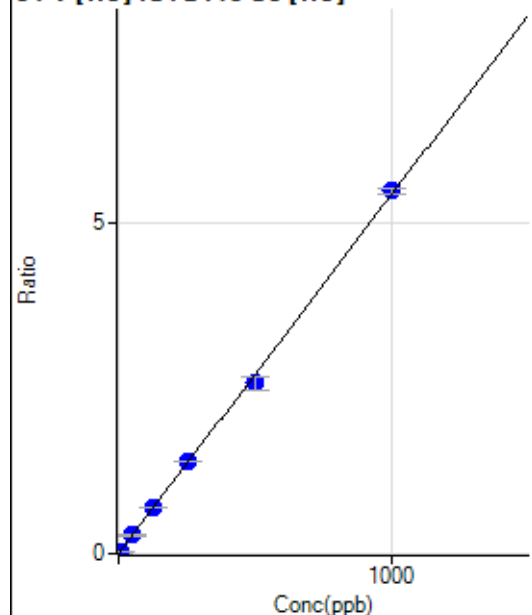
$$DL = 0.03703$$

$$BEC = 0.2127$$

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	11.11	0.0001	P	46.9
2	☐	5.000	4.530	4474.04	0.0247	P	3.8
3	☐	50.000	51.285	48971.36	0.2791	P	1.6
4	☐	125.000	128.911	119173.60	0.7014	P	0.1
5	☐	250.000	256.949	228749.16	1.3981	P	0.2
6	☐	500.000	474.339	442818.28	2.5808	P	8.8
7	☐	1000.000	1010.543	867118.55	5.4982	P	1.9
8	☐			191.11	0.0013	P	18.0

$$y = 0.0054 * x + 6.2496\text{E-}005$$

$$R = 0.9995$$

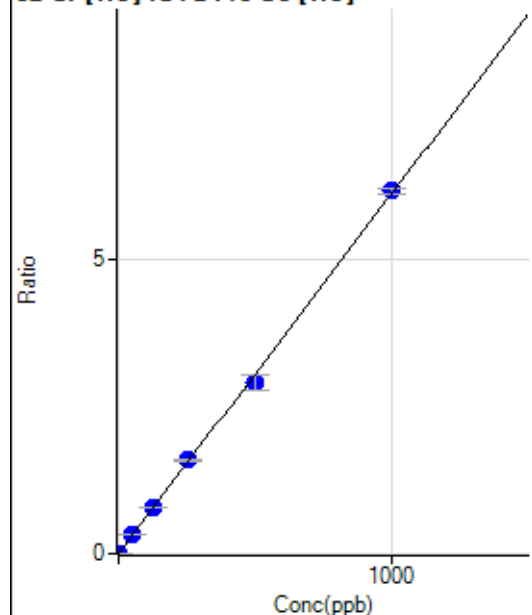
$$DL = 0.01615$$

$$BEC = 0.01149$$

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	396.68	0.0022	P	17.4
2	☐	2.000	1.772	2367.99	0.0131	P	3.5
3	☐	50.000	52.329	56625.65	0.3227	P	1.0
4	☐	125.000	130.331	135993.04	0.8004	P	0.3
5	☐	250.000	259.434	260327.32	1.5911	P	1.1
6	☐	500.000	476.378	500909.27	2.9198	P	9.1
7	☐	1000.000	1008.670	974630.93	6.1797	P	1.6
8	☐			2685.82	0.0185	P	3.5

$$y = 0.0061 * x + 0.0022$$

$$R = 0.9995$$

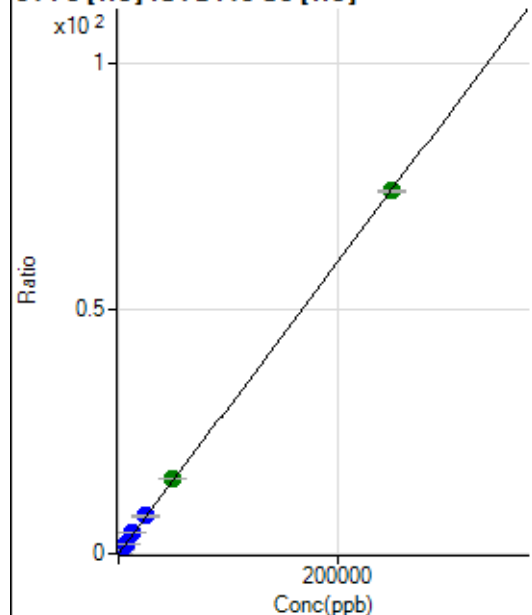
$$DL = 0.1894$$

$$BEC = 0.3634$$

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	884.48	0.0050	P	13.0
2	☐	50.000	48.824	3521.56	0.0194	P	1.6
3	☐	2500.000	2833.670	148366.53	0.8455	P	0.2
4	☐	6250.000	7062.156	356762.06	2.0998	P	0.1
5	☐	12500.000	14179.120	688967.60	4.2110	P	0.9
6	☐	25000.000	25914.472	1319688.69	7.6921	P	9.0
7	☐	50000.000	51671.272	2418182.38	15.3324	A	1.5
8	☐	250000.00	249466.70	10719317.90	74.0054	A	0.6

$$y = 2.9663E-004 * x + 0.0050$$

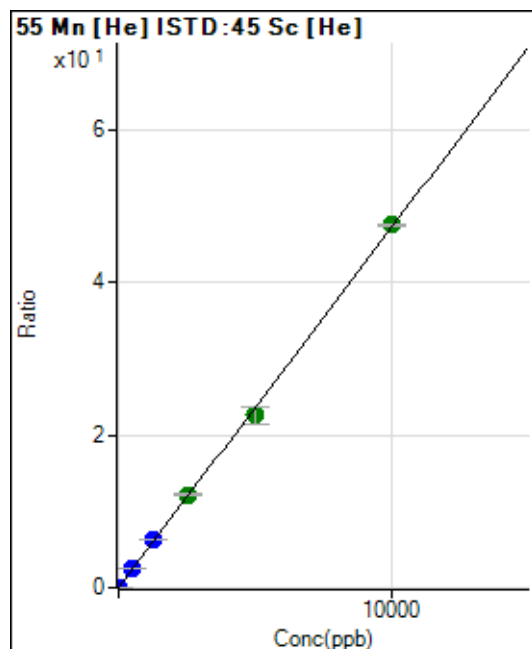
$$R = 1.0000$$

$$DL = 6.503$$

$$BEC = 16.73$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0008	P	12.4
2	☐	1.000	0.971	976.71	0.0054	P	9.3
3	☐	500.000	532.591	441303.29	2.5150	P	0.3
4	☐	1250.000	1342.650	1076983.22	6.3389	P	0.3
5	☐	2500.000	2588.658	1999566.76	12.2209	A	0.3
6	☐	5000.000	4781.876	3872257.65	22.5742	A	9.4
7	☐	10000.000	10073.687	7500804.05	47.5548	A	0.7
8	☐			3763.84	0.0260	P	2.5

$$y = 0.0047 * x + 8.0960E-004$$

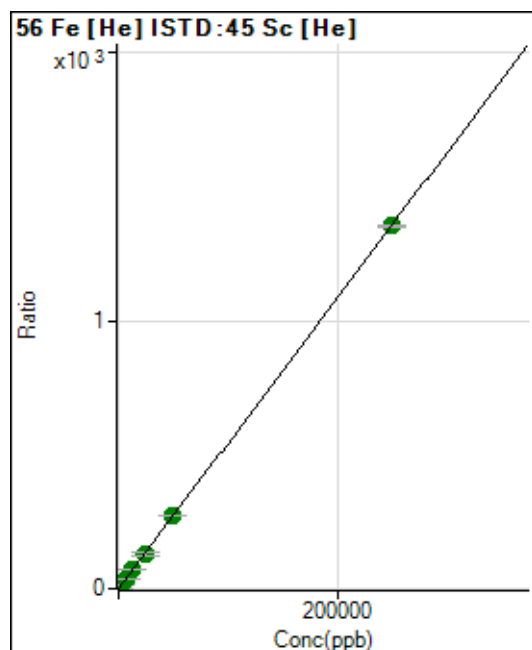
$$R = 0.9996$$

$$DL = 0.06365$$

$$BEC = 0.1715$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6927.21	0.0388	P	4.0
2	☐	50.000	49.049	55166.31	0.3046	P	0.6
3	☐	2500.000	2616.018	2494213.05	14.2143	A	0.9
4	☐	6250.000	6521.466	6010590.60	35.3769	A	0.8
5	☐	12500.000	13033.773	11562372.47	70.6652	A	0.2
6	☐	25000.000	23921.370	22240372.17	129.6621	A	9.5
7	☐	50000.000	50560.925	43218533.80	274.0145	A	1.2
8	☐	250000.00	249961.04	196193952.6	1,354.508	A	0.3

$$y = 0.0054 * x + 0.0388$$

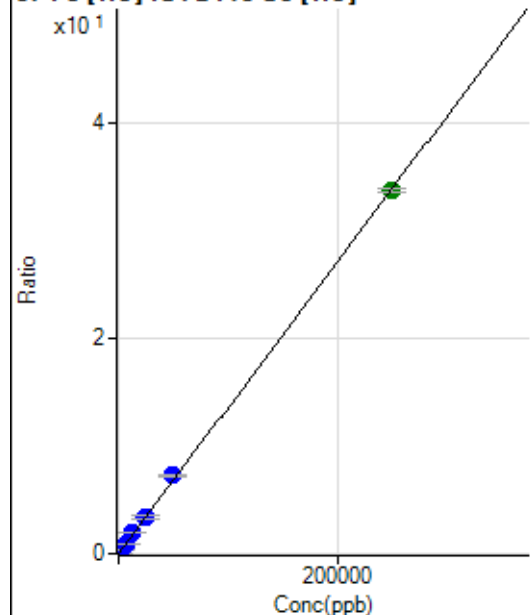
$$R = 1.0000$$

$$DL = 0.8658$$

$$BEC = 7.168$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	415.57	0.0023	P	17.1
2	☐	50.000	52.723	1712.33	0.0095	P	4.7
3	☐	2500.000	2789.604	66603.31	0.3796	P	0.9
4	☐	6250.000	6968.144	160487.32	0.9446	P	0.8
5	☐	12500.000	13943.047	308877.31	1.8878	P	0.6
6	☐	25000.000	25551.499	593085.77	3.4576	P	9.4
7	☐	50000.000	53690.713	1145478.84	7.2628	P	1.4
8	☐	250000.00	249113.70	4879738.75	33.6896	A	1.0

$$y = 1.3523\text{E-}004 * x + 0.0023$$

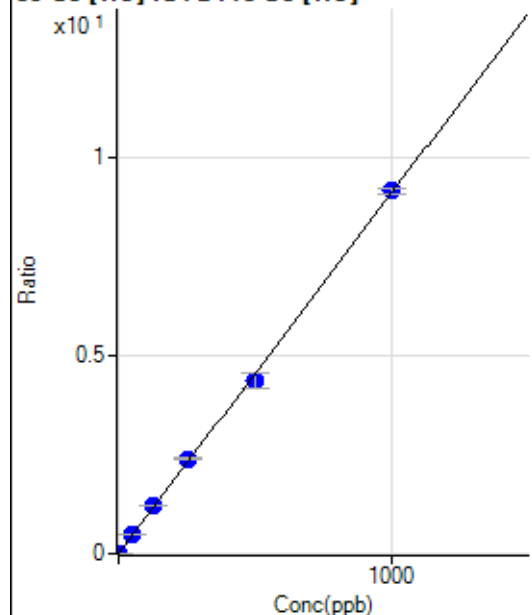
R = 0.9999

DL = 8.802

BEC = 17.21

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.78	0.0004	P	8.5
2	☐	1.000	0.950	1635.67	0.0090	P	2.8
3	☐	50.000	53.078	84893.63	0.4838	P	0.5
4	☐	125.000	132.086	204456.09	1.2034	P	0.6
5	☐	250.000	264.023	393510.19	2.4051	P	0.6
6	☐	500.000	477.784	746648.06	4.3520	P	9.0
7	☐	1000.000	1006.562	1445921.78	9.1681	P	1.7
8	☐			4126.16	0.0285	P	3.8

$$y = 0.0091 * x + 3.8016\text{E-}004$$

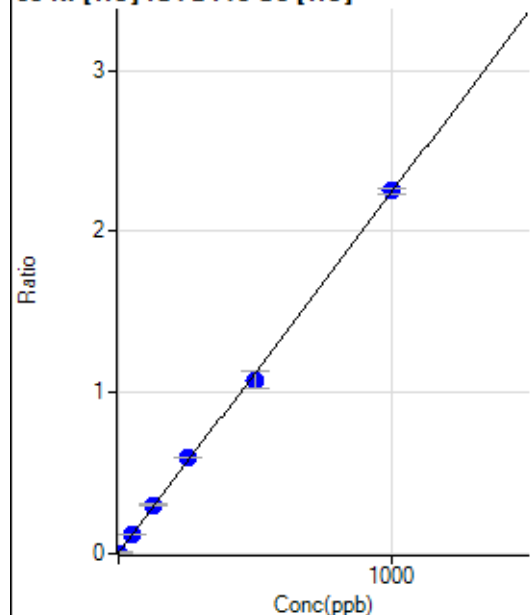
R = 0.9995

DL = 0.0107

BEC = 0.04174

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	776.70	0.0044	P	5.5
2	☐	1.000	0.719	1080.05	0.0060	P	3.7
3	☐	50.000	53.443	21748.08	0.1239	P	1.5
4	☐	125.000	133.970	51669.74	0.3041	P	0.3
5	☐	250.000	266.127	98148.34	0.5998	P	0.7
6	☐	500.000	480.637	185266.47	1.0798	P	8.9
7	☐	1000.000	1004.357	355118.00	2.2517	P	1.7
8	☐			1570.10	0.0108	P	4.7

$$y = 0.0022 * x + 0.0044$$

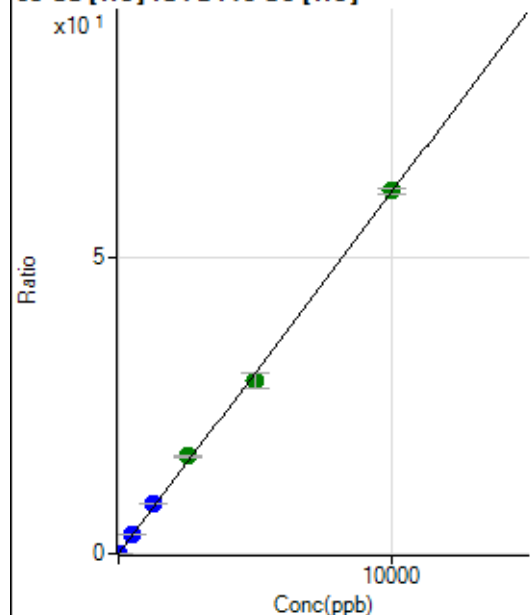
R = 0.9996

DL = 0.3211

BEC = 1.946

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	400.01	0.0022	P	15.2
2	☐	2.000	1.860	2460.23	0.0136	P	3.9
3	☐	500.000	548.645	587270.74	3.3468	P	0.2
4	☐	1250.000	1364.278	1413383.35	8.3190	P	0.3
5	☐	2500.000	2686.126	2679695.01	16.3771	A	0.6
6	☐	5000.000	4801.367	5021567.64	29.2717	A	9.2
7	☐	10000.000	10036.068	9649445.90	61.1829	A	1.7
8	☐			2833.68	0.0196	P	5.2

$$y = 0.0061 * x + 0.0022$$

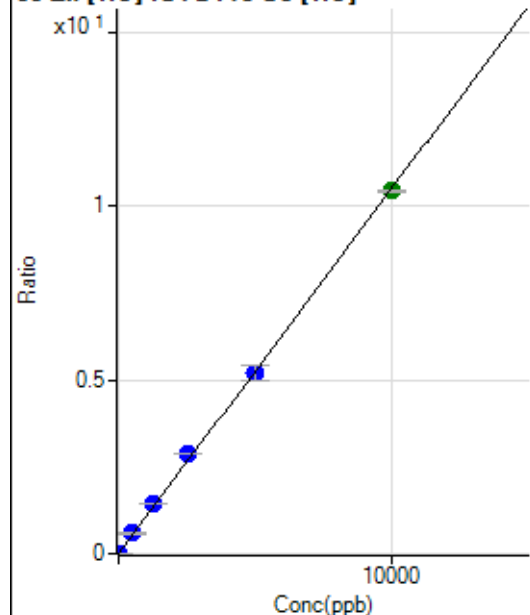
R = 0.9995

DL = 0.1676

BEC = 0.3682

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	114.44	0.0006	P	13.2
2	☐	2.000	5.297	1123.39	0.0062	P	4.3
3	☐	500.000	553.094	102010.49	0.5814	P	0.8
4	☐	1250.000	1375.421	245458.16	1.4448	P	0.9
5	☐	2500.000	2738.489	470544.80	2.8759	P	0.3
6	☐	5000.000	4958.990	893560.34	5.2073	P	8.7
7	☐	10000.000	9942.550	1646725.69	10.4397	A	0.5
8	☐			1414.53	0.0098	P	6.2

$$y = 0.0010 * x + 6.4211E-004$$

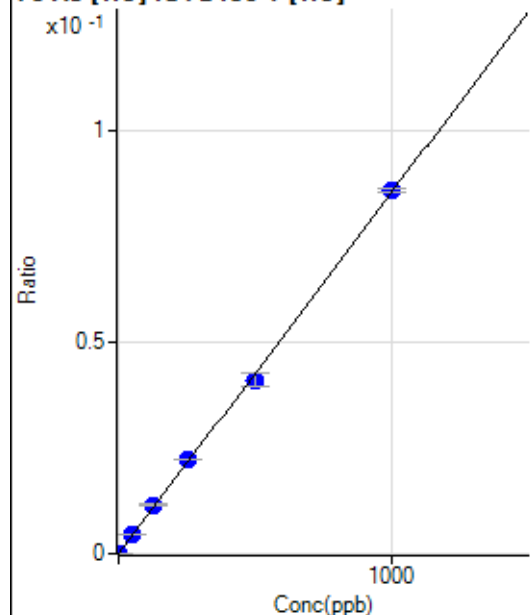
$$R = 0.9996$$

$$DL = 0.2419$$

$$BEC = 0.6116$$

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	☐	1.000	0.869	112.22	0.0001	P	7.5
3	☐	50.000	54.794	6837.19	0.0047	P	2.5
4	☐	125.000	134.683	16551.54	0.0115	P	3.8
5	☐	250.000	260.512	31604.81	0.0222	P	0.4
6	☐	500.000	481.769	60769.15	0.0410	P	6.9
7	☐	1000.000	1005.038	118243.83	0.0856	P	1.1
8	☐			53.33	0.0000	P	27.7

$$y = 8.5189E-005 * x + 7.5869E-007$$

$$R = 0.9997$$

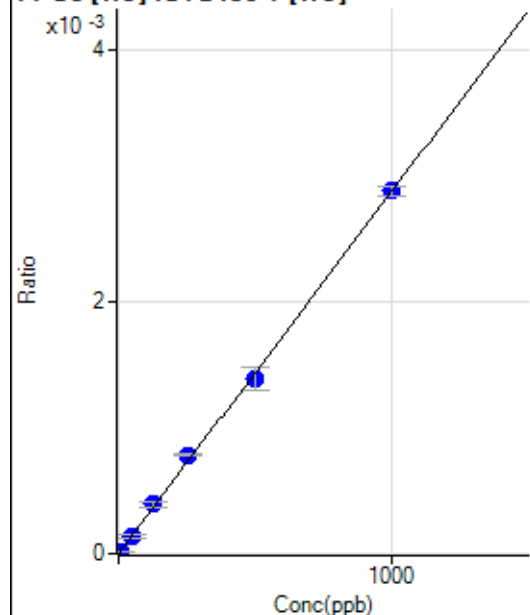
$$DL = 0.04628$$

$$BEC = 0.008906$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.157	22.22	0.0000	P	71.1
3	☐	50.000	49.666	208.89	0.0001	P	18.8
4	☐	125.000	135.993	564.46	0.0004	P	9.3
5	☐	250.000	272.661	1116.72	0.0008	P	2.8
6	☐	500.000	481.850	2046.83	0.0014	P	13.0
7	☐	1000.000	1002.051	3979.46	0.0029	P	2.3
8	☐			15.56	0.0000	P	13.0

$$y = 2.8757\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9994$$

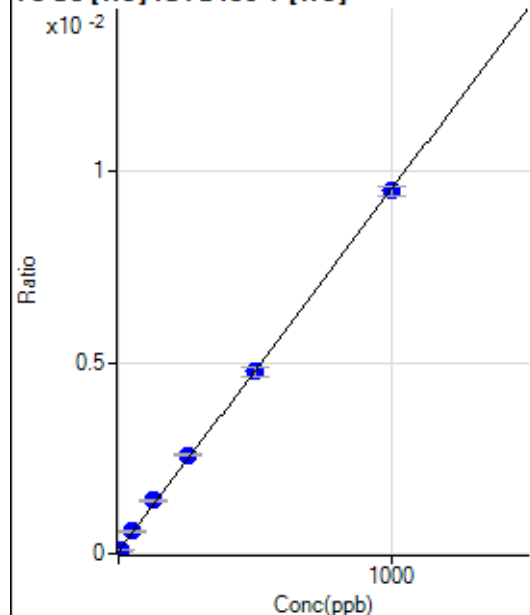
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	85.56	0.0001	P	12.5
2	☐	5.000	3.570	137.78	0.0001	P	16.3
3	☐	50.000	57.084	877.81	0.0006	P	9.1
4	☐	125.000	140.350	2005.71	0.0014	P	1.5
5	☐	250.000	266.169	3679.39	0.0026	P	2.9
6	☐	500.000	496.920	7072.86	0.0048	P	5.2
7	☐	1000.000	995.232	13120.35	0.0095	P	2.3
8	☐			125.56	0.0001	P	6.1

$$y = 9.4887\text{E-}006 * x + 5.7936\text{E-}005$$

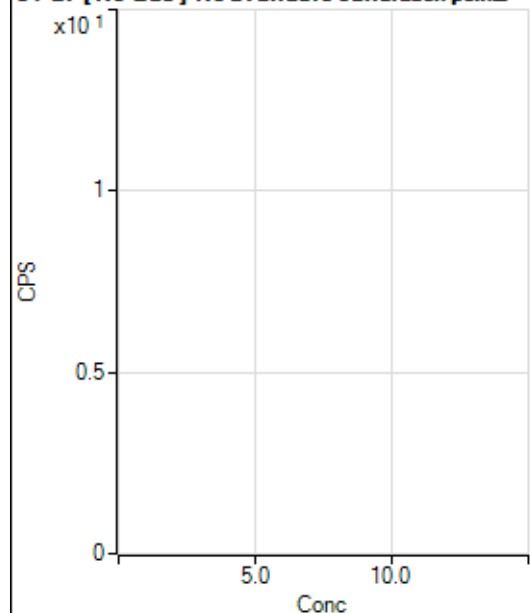
$$R = 0.9998$$

$$DL = 2.298$$

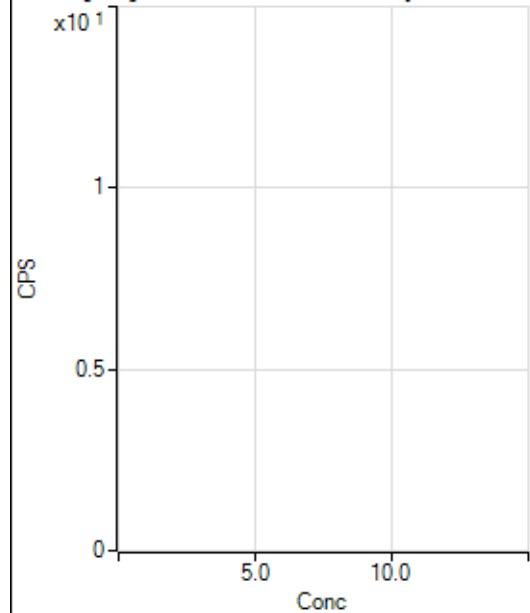
$$BEC = 6.106$$

Weight: <None>

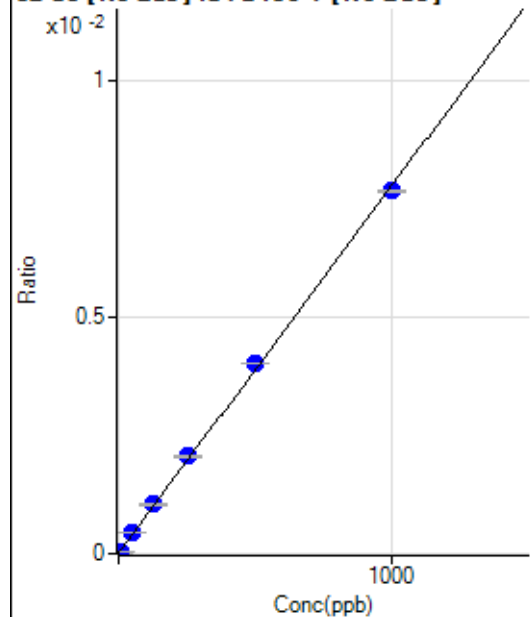
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18186.88		P	0.5
2	☐			18159.09		P	2.8
3	☐			17753.04		P	0.7
4	☐			16859.71		P	0.9
5	☐			16610.58		P	1.2
6	☐			16005.47		P	0.9
7	☐			15801.93		P	2.7
8	☐			16252.36		P	1.3

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.34		P	13.3
2	☐			47.78		P	42.6
3	☐			46.67		P	7.1
4	☐			38.89		P	4.9
5	☐			43.33		P	23.1
6	☐			46.67		P	7.1
7	☐			48.89		P	37.5
8	☐			350.01		P	8.7

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.32	0.0000	P	30.3
2	☐	5.000	4.817	293.87	0.0000	P	5.3
3	☐	50.000	56.746	2845.44	0.0004	P	3.8
4	☐	125.000	133.798	6622.84	0.0010	P	2.9
5	☐	250.000	264.068	12857.62	0.0021	P	1.4
6	☐	500.000	516.446	24190.73	0.0040	P	0.6
7	☐	1000.000	986.824	46057.84	0.0077	P	0.6
8	☐			300.21	0.0001	P	7.0

$$y = 7.7553E-006 * x + 8.1409E-006$$

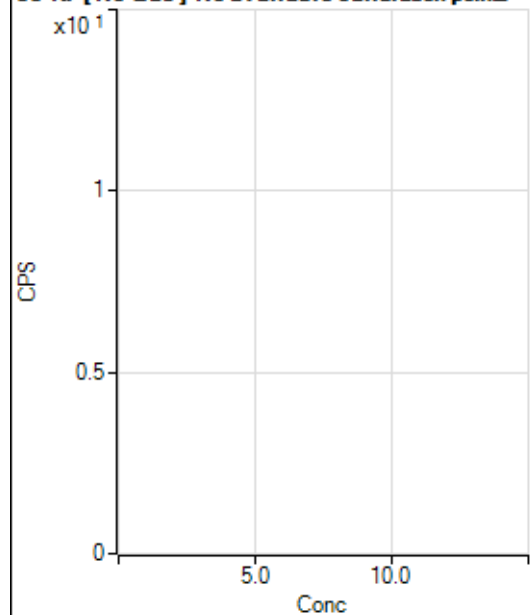
$$R = 0.9997$$

$$DL = 0.9543$$

$$BEC = 1.05$$

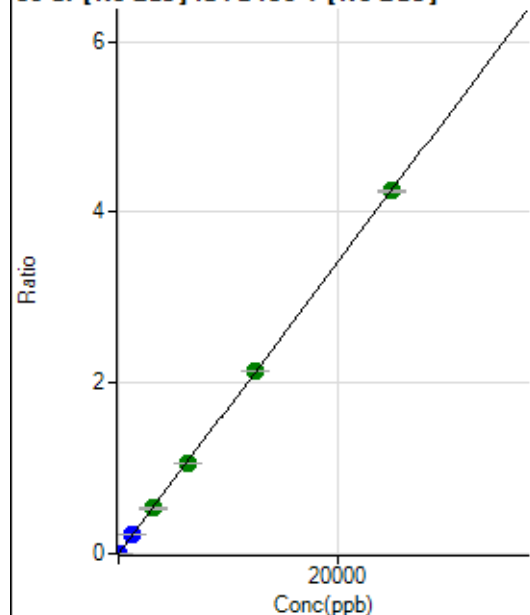
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			44.44		P	21.7
2	☐			41.11		P	26.1
3	☐			43.33		P	20.4
4	☐			51.11		P	19.9
5	☐			56.67		P	25.6
6	☐			53.33		P	16.5
7	☐			60.00		P	11.1
8	☐			72.22		P	11.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	195.56	0.0000	P	14.0
2	☐	1.000	0.867	1144.50	0.0002	P	6.4
3	☐	1250.000	1312.136	1418264.04	0.2234	P	1.6
4	☐	3125.000	3126.880	3370583.91	0.5323	A	1.5
5	☐	6250.000	6206.747	6607907.26	1.0566	A	0.8
6	☐	12500.000	12584.194	12912047.17	2.1422	A	0.6
7	☐	25000.000	24965.374	25548341.01	4.2498	A	0.8
8	☐			3224.83	0.0006	P	8.3

$$y = 1.7023\text{E-}004 * x + 2.9558\text{E-}005$$

$$R = 1.0000$$

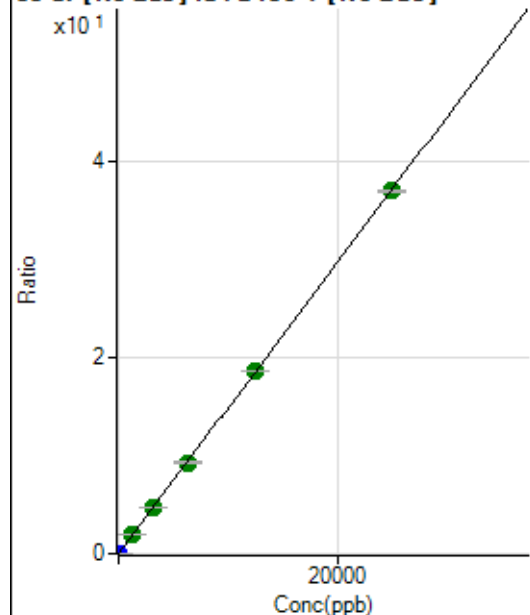
$$DL = 0.07267$$

$$BEC = 0.1736$$

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	685.58	0.0001	P	1.9
2	☐	1.000	0.897	9269.67	0.0014	P	1.3
3	☐	1250.000	1301.458	12270968.15	1.9329	A	2.0
4	☐	3125.000	3163.581	29748946.78	4.6982	A	1.5
5	☐	6250.000	6275.062	58278601.36	9.3190	A	1.2
6	☐	12500.000	12573.360	112549727.2	18.6723	A	0.0
7	☐	25000.000	24949.659	222749854.4	37.0519	A	0.3
8	☐			28812.98	0.0052	P	8.5

$$y = 0.0015 * x + 1.0340\text{E-}004$$

$$R = 1.0000$$

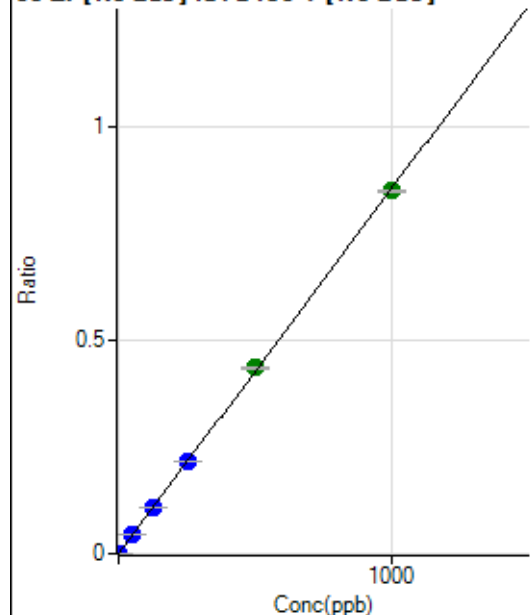
$$DL = 0.003905$$

$$BEC = 0.06963$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	215.56	0.0000	P	11.5
2	☐	1.000	0.891	5124.27	0.0008	P	1.4
3	☐	50.000	52.966	287500.96	0.0453	P	1.5
4	☐	125.000	127.384	689311.96	0.1089	P	1.5
5	☐	250.000	253.439	1354290.38	0.2166	P	1.0
6	☐	500.000	508.697	2619658.69	0.4346	A	1.6
7	☐	1000.000	994.346	5107288.78	0.8495	A	0.5
8	☐			2356.88	0.0004	P	7.4

$$y = 8.5434\text{E-}004 * x + 3.2475\text{E-}005$$

$$R = 0.9999$$

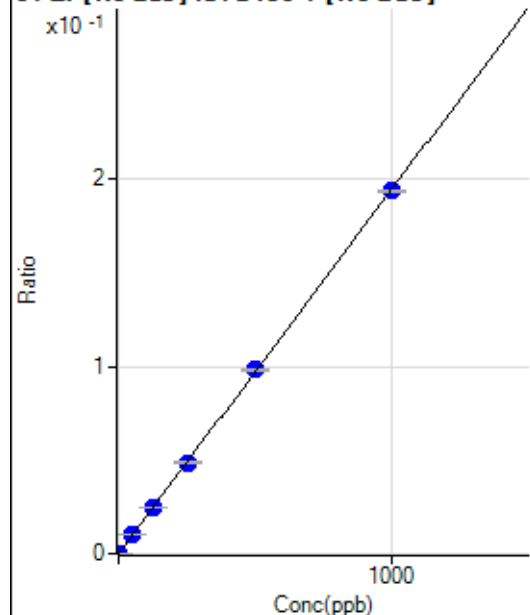
$$DL = 0.01315$$

$$BEC = 0.03801$$

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	42.22	0.0000	P	51.2
2	☐	1.000	0.810	1056.72	0.0002	P	8.5
3	☐	50.000	52.181	64357.85	0.0101	P	1.7
4	☐	125.000	125.507	154333.57	0.0244	P	1.3
5	☐	250.000	249.958	303518.73	0.0485	P	1.3
6	☐	500.000	506.088	592265.79	0.0983	P	0.7
7	☐	1000.000	996.794	1163440.41	0.1935	P	0.6
8	☐			537.79	0.0001	P	5.1

$$y = 1.9415\text{E-}004 * x + 6.3727\text{E-}006$$

$$R = 1.0000$$

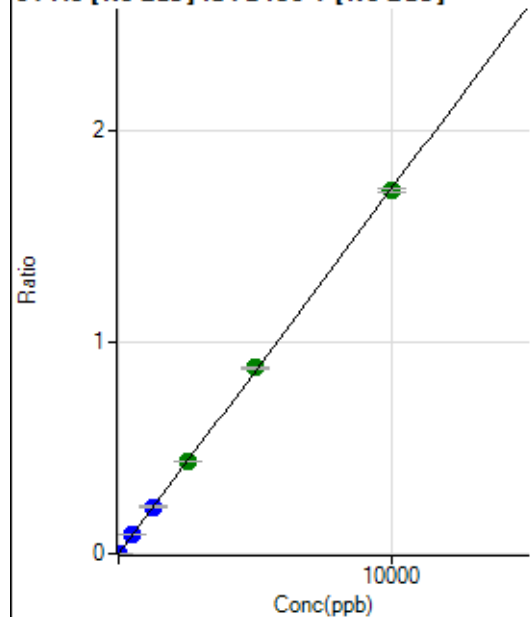
$$DL = 0.0504$$

$$BEC = 0.03282$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	175.56	0.0000	P	11.3
2	☐	5.000	5.120	5864.55	0.0009	P	1.5
3	☐	500.000	531.014	580726.98	0.0915	P	1.5
4	☐	1250.000	1281.929	1397983.42	0.2208	P	1.4
5	☐	2500.000	2534.266	2729438.08	0.4364	A	0.8
6	☐	5000.000	5091.829	5285401.03	0.8769	A	0.5
7	☐	10000.000	9939.977	10290290.19	1.7117	A	1.1
8	☐			2774.74	0.0005	P	6.8

$$y = 1.7220\text{E-}004 * x + 2.6515\text{E-}005$$

$$R = 0.9999$$

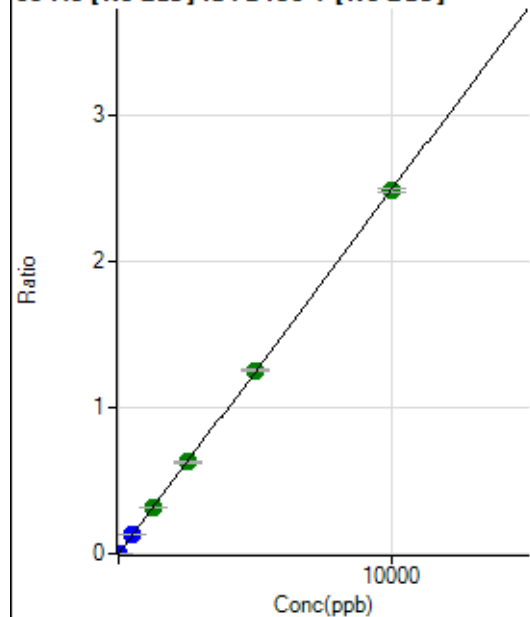
$$DL = 0.05217$$

$$BEC = 0.154$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	447.79	0.0001	P	22.3
2	☐	5.000	4.412	7519.77	0.0012	P	2.1
3	☐	500.000	530.217	837049.87	0.1318	P	1.4
4	☐	1250.000	1257.494	1979201.24	0.3126	A	2.2
5	☐	2500.000	2518.059	3913855.39	0.6259	A	1.5
6	☐	5000.000	5041.732	7552938.01	1.2531	A	0.5
7	☐	10000.000	9972.172	14899646.03	2.4784	A	0.9
8	☐			3522.69	0.0006	P	10.8

$$y = 2.4853\text{E-}004 * x + 6.7920\text{E-}005$$

$$R = 1.0000$$

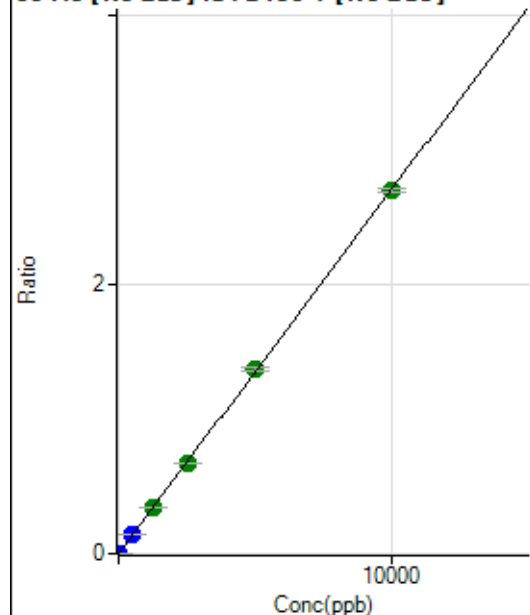
$$DL = 0.1831$$

$$BEC = 0.2733$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.00	0.0000	P	14.9
2	☐	5.000	4.418	7806.59	0.0012	P	2.0
3	☐	500.000	529.399	910467.44	0.1434	P	1.5
4	☐	1250.000	1263.068	2166324.13	0.3421	A	1.6
5	☐	2500.000	2491.781	4220909.24	0.6749	A	1.1
6	☐	5000.000	5065.378	8269705.71	1.3720	A	1.3
7	☐	10000.000	9966.263	16228431.71	2.6995	A	1.2
8	☐			6554.86	0.0012	P	7.9

$$y = 2.7086\text{E-}004 * x + 1.2099\text{E-}005$$

$$R = 1.0000$$

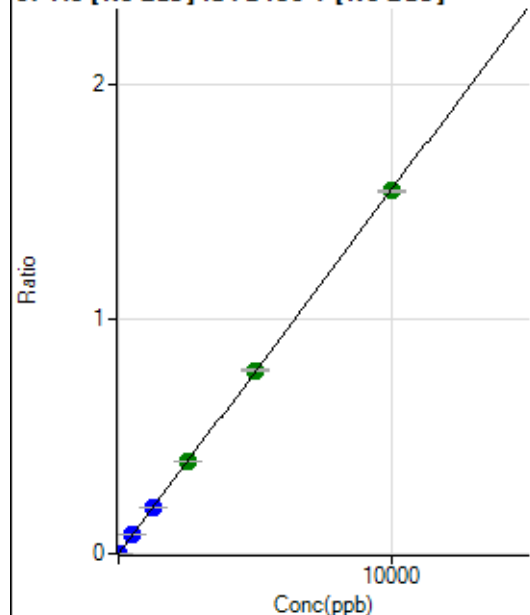
$$DL = 0.01999$$

$$BEC = 0.04467$$

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	97.78	0.0000	P	22.9
2	☐	5.000	4.376	4488.51	0.0007	P	4.2
3	☐	500.000	533.171	526169.45	0.0829	P	1.7
4	☐	1250.000	1277.520	1257284.95	0.1986	P	1.4
5	☐	2500.000	2533.266	2462308.76	0.3937	A	1.3
6	☐	5000.000	5041.496	4722673.30	0.7835	A	1.0
7	☐	10000.000	9965.837	9311375.42	1.5489	A	0.3
8	☐			1943.48	0.0004	P	5.9

$$y = 1.5541\text{E-}004 * x + 1.4823\text{E-}005$$

$$R = 1.0000$$

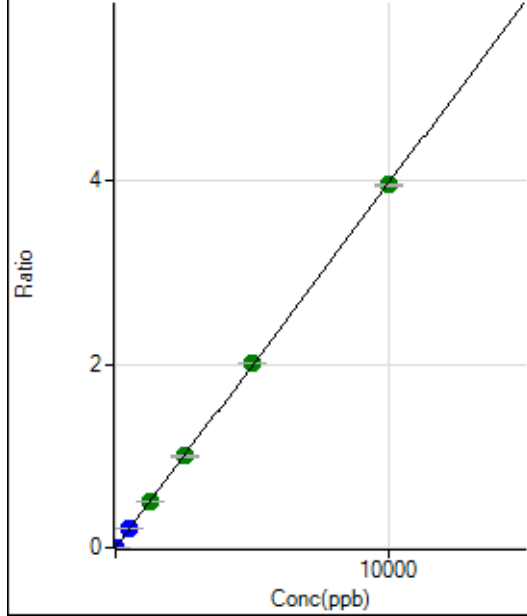
$$DL = 0.06564$$

$$BEC = 0.09538$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0000	P	18.4
2	☐	5.000	4.379	11306.69	0.0018	P	0.7
3	☐	500.000	533.570	1345300.83	0.2119	P	1.7
4	☐	1250.000	1254.854	3155338.88	0.4983	A	1.9
5	☐	2500.000	2519.555	6256840.12	1.0006	A	1.7
6	☐	5000.000	5065.116	12124040.93	2.0114	A	0.4
7	☐	10000.000	9960.268	23778677.15	3.9554	A	0.5
8	☐			4481.85	0.0008	P	8.6

$$y = 3.9711\text{E-}004 * x + 1.1867\text{E-}005$$

$$R = 1.0000$$

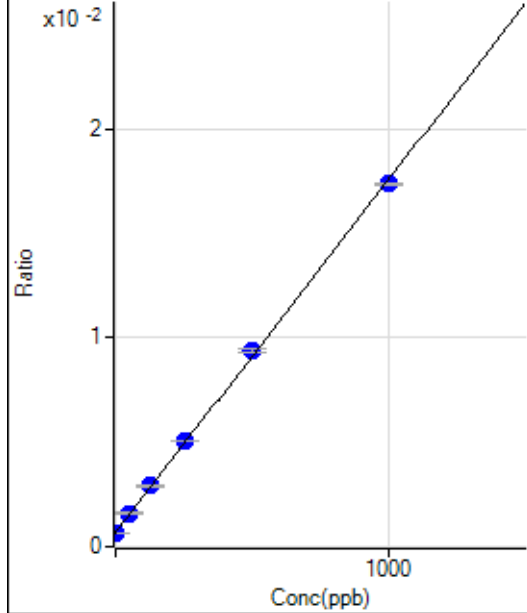
$$DL = 0.01646$$

$$BEC = 0.02988$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3739.40	0.0007	P	2.6
2	☐	1.000	0.054	3641.60	0.0007	P	2.0
3	☐	50.000	54.751	8439.19	0.0016	P	4.2
4	☐	125.000	132.800	15642.94	0.0029	P	3.6
5	☐	250.000	259.953	26904.94	0.0051	P	0.4
6	☐	500.000	516.089	48527.38	0.0094	P	2.0
7	☐	1000.000	988.255	90264.54	0.0174	P	0.3
8	☐			3201.50	0.0007	P	4.1

$$y = 1.6904\text{E-}005 * x + 6.7788\text{E-}004$$

$$R = 0.9997$$

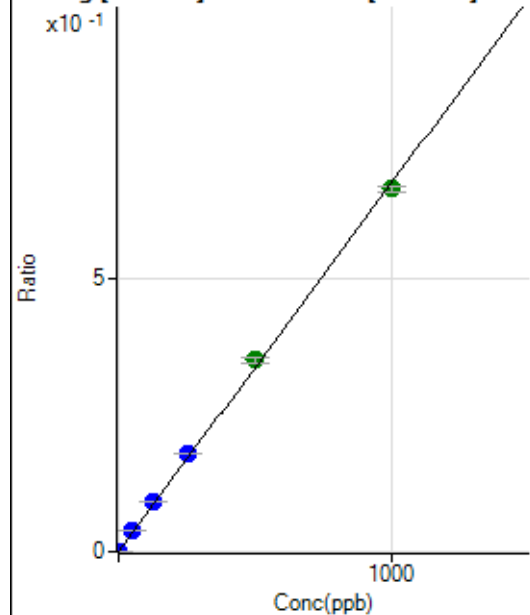
$$DL = 3.104$$

$$BEC = 40.1$$

Weight: <None>

Min Conc: 0

107 Ag [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	29.2
2	☐	1.000	0.988	3631.60	0.0007	P	2.0
3	☐	50.000	57.910	205737.60	0.0391	P	3.1
4	☐	125.000	135.172	488245.83	0.0912	P	2.1
5	☐	250.000	266.880	955247.23	0.1801	P	0.7
6	☐	500.000	519.829	1810432.11	0.3508	A	2.5
7	☐	1000.000	984.199	3448367.66	0.6641	A	1.3
8	☐			795.59	0.0002	P	4.6

$$y = 6.7476\text{E-}004 * x + 1.0547\text{E-}005$$

$$R = 0.9995$$

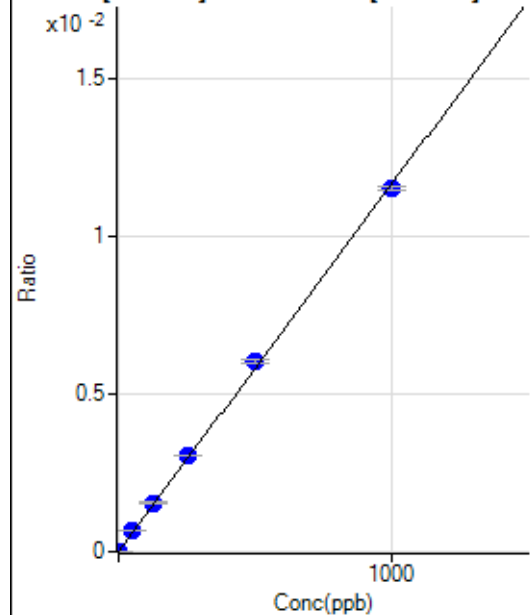
$$DL = 0.01371$$

$$BEC = 0.01563$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	86.7
2	☐	1.000	1.122	76.67	0.0000	P	25.9
3	☐	50.000	56.403	3468.22	0.0007	P	3.3
4	☐	125.000	132.959	8303.55	0.0016	P	3.6
5	☐	250.000	261.108	16157.97	0.0030	P	0.7
6	☐	500.000	516.639	31103.32	0.0060	P	2.1
7	☐	1000.000	987.588	59803.60	0.0115	P	1.2
8	☐			52.22	0.0000	P	1.6

$$y = 1.1661\text{E-}005 * x + 1.1922\text{E-}006$$

$$R = 0.9997$$

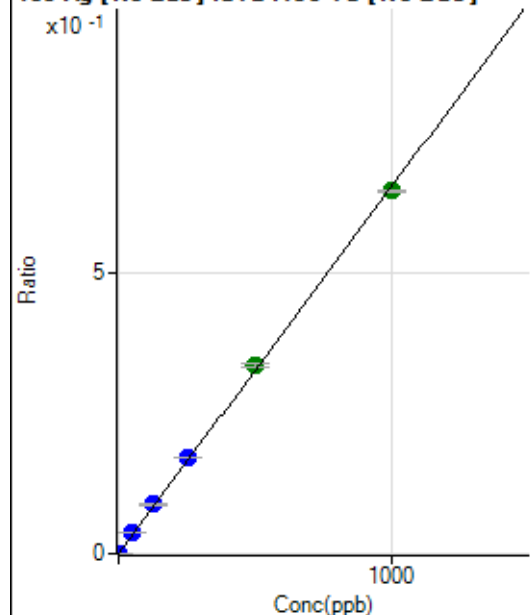
$$DL = 0.2659$$

$$BEC = 0.1022$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0000	P	8.4
2	☐	1.000	0.936	3300.40	0.0006	P	1.9
3	☐	50.000	57.217	196832.96	0.0374	P	3.0
4	☐	125.000	134.470	470341.30	0.0879	P	2.2
5	☐	250.000	263.100	911950.70	0.1719	P	1.0
6	☐	500.000	513.004	1730360.77	0.3352	A	1.9
7	☐	1000.000	988.679	3354926.93	0.6461	A	0.4
8	☐			793.36	0.0002	P	10.4

$$y = 6.5347\text{E-}004 * x + 3.4218\text{E-}006$$

$$R = 0.9998$$

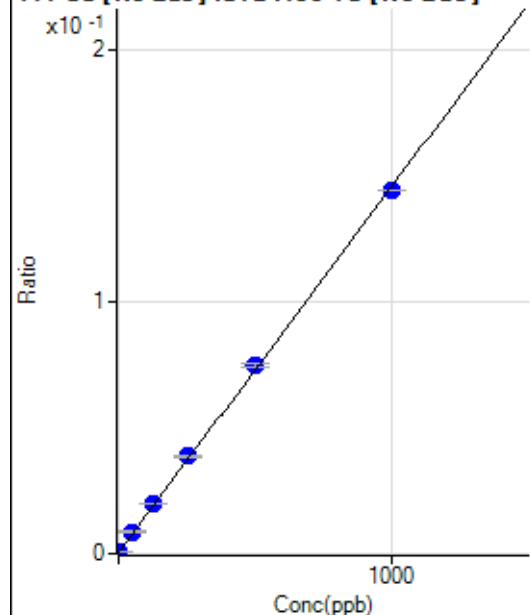
$$DL = 0.001316$$

$$BEC = 0.005236$$

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	2618.47	0.0005	P	2.3
2	☐	1.000	0.929	3271.04	0.0006	P	2.9
3	☐	50.000	56.586	45796.89	0.0087	P	2.7
4	☐	125.000	133.897	106722.99	0.0199	P	1.7
5	☐	250.000	262.873	205187.30	0.0387	P	1.2
6	☐	500.000	512.974	387324.01	0.0750	P	1.8
7	☐	1000.000	988.853	748842.87	0.1442	P	0.2
8	☐			2600.06	0.0005	P	3.7

$$y = 1.4536\text{E-}004 * x + 4.7467\text{E-}004$$

$$R = 0.9998$$

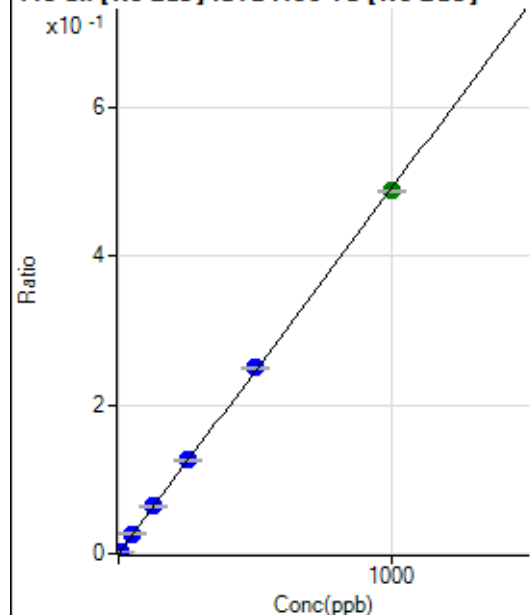
$$DL = 0.2257$$

$$BEC = 3.266$$

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	348.91	0.0001	P	15.4
2	☐	5.000	4.626	12537.77	0.0023	P	3.3
3	☐	50.000	54.465	141230.71	0.0268	P	2.8
4	☐	125.000	129.184	340134.51	0.0635	P	2.3
5	☐	250.000	255.840	667243.37	0.1258	P	0.7
6	☐	500.000	508.673	1290660.91	0.2500	P	1.7
7	☐	1000.000	993.459	2535527.48	0.4883	A	0.5
8	☐			1583.44	0.0003	P	1.4

$$y = 4.9144\text{E-}004 * x + 6.3422\text{E-}005$$

$$R = 0.9999$$

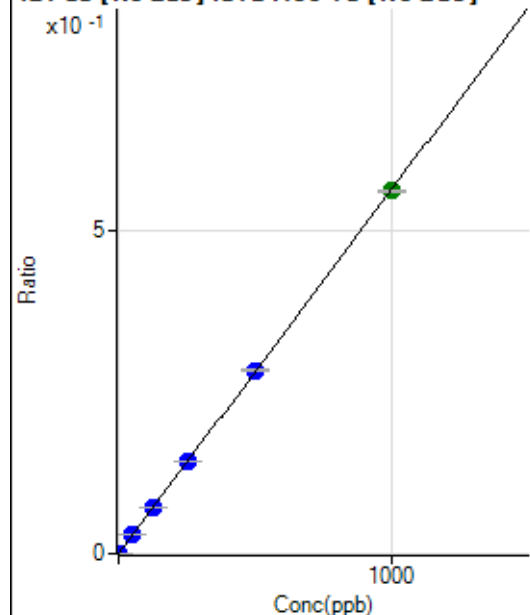
$$DL = 0.05962$$

$$BEC = 0.1291$$

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	25.56	0.0000	P	30.3
2	☐	2.000	1.823	5541.12	0.0010	P	0.9
3	☐	50.000	53.593	159116.73	0.0302	P	3.3
4	☐	125.000	127.526	384999.78	0.0719	P	2.1
5	☐	250.000	253.776	759196.85	0.1431	P	0.8
6	☐	500.000	503.904	1466956.84	0.2842	P	1.8
7	☐	1000.000	996.609	2918707.07	0.5621	A	0.6
8	☐			2202.41	0.0005	P	5.9

$$y = 5.6399\text{E-}004 * x + 4.6120\text{E-}006$$

$$R = 1.0000$$

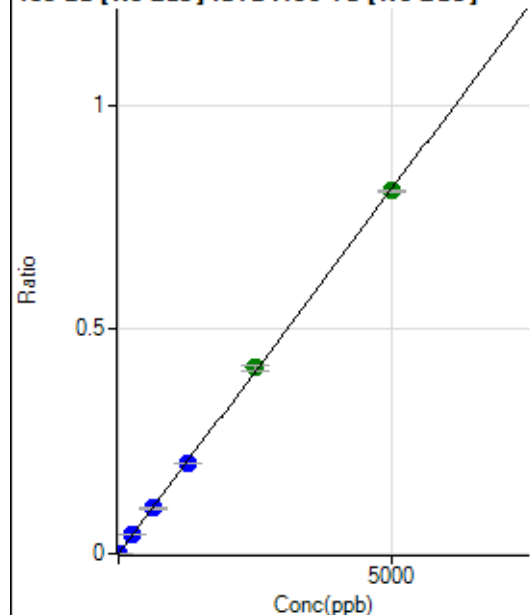
$$DL = 0.007444$$

$$BEC = 0.008178$$

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	13.33	0.0000	P	87.0
2	☐	10.000	8.968	7828.89	0.0015	P	3.7
3	☐	250.000	260.456	222726.96	0.0423	P	3.4
4	☐	625.000	623.561	542257.22	0.1013	P	1.7
5	☐	1250.000	1241.300	1069638.64	0.2017	P	1.2
6	☐	2500.000	2548.449	2136697.90	0.4140	A	3.0
7	☐	5000.000	4977.609	4199014.45	0.8087	A	0.7
8	☐			2145.74	0.0004	P	1.9

$$y = 1.6246\text{E-}004 * x + 2.3649\text{E-}006$$

$$R = 0.9999$$

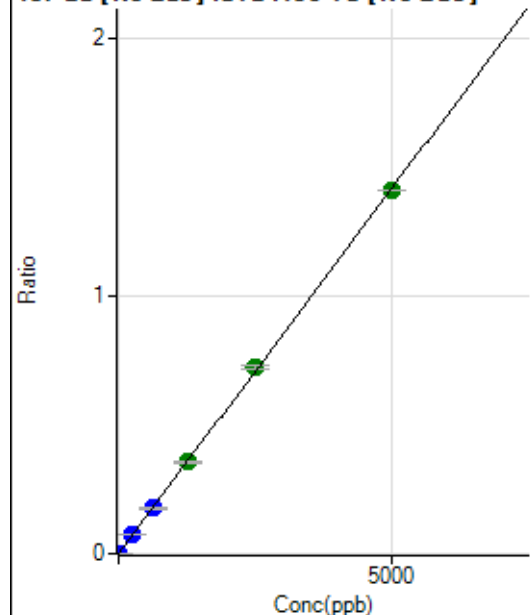
$$DL = 0.03799$$

$$BEC = 0.01456$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	27.1
2	☐	10.000	8.834	13459.77	0.0025	P	2.2
3	☐	250.000	259.741	387395.79	0.0736	P	2.9
4	☐	625.000	621.745	942892.05	0.1762	P	1.8
5	☐	1250.000	1262.458	1897016.40	0.3577	A	2.4
6	☐	2500.000	2547.630	3725596.37	0.7218	A	2.1
7	☐	5000.000	4972.993	7316162.04	1.4089	A	0.1
8	☐			3909.47	0.0008	P	1.2

$$y = 2.8331\text{E-}004 * x + 6.0140\text{E-}006$$

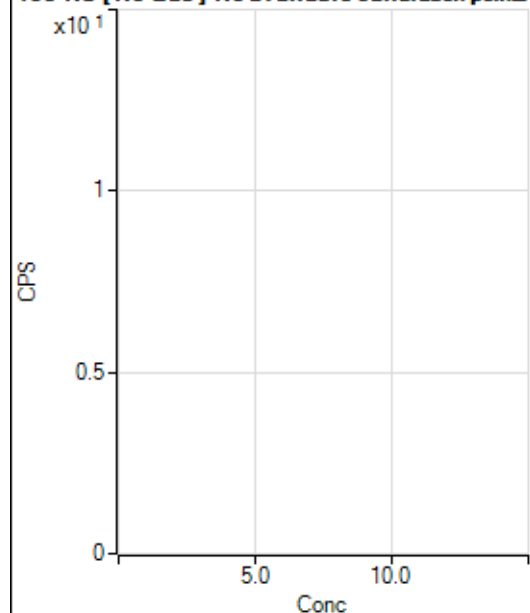
$$R = 0.9999$$

$$DL = 0.01725$$

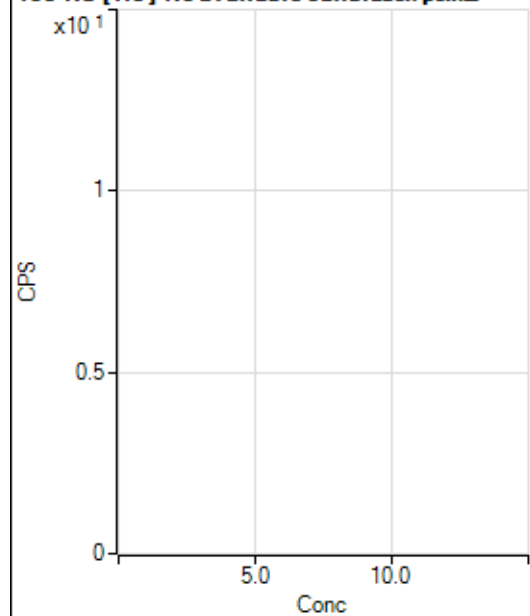
$$BEC = 0.02123$$

Weight: <None>

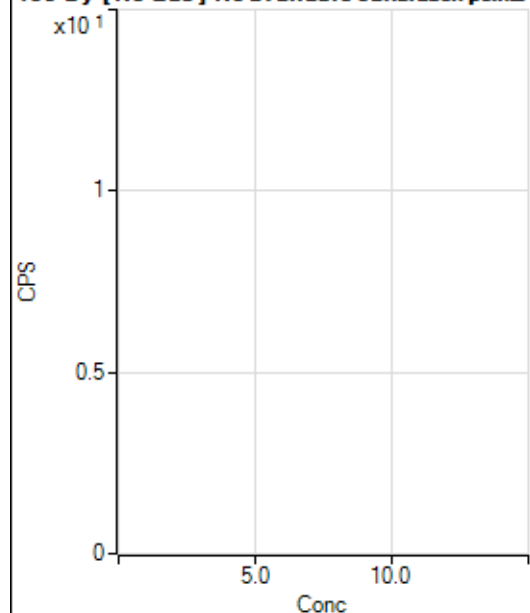
Min Conc: 0

150 Nd [No Gas] No available calibration points

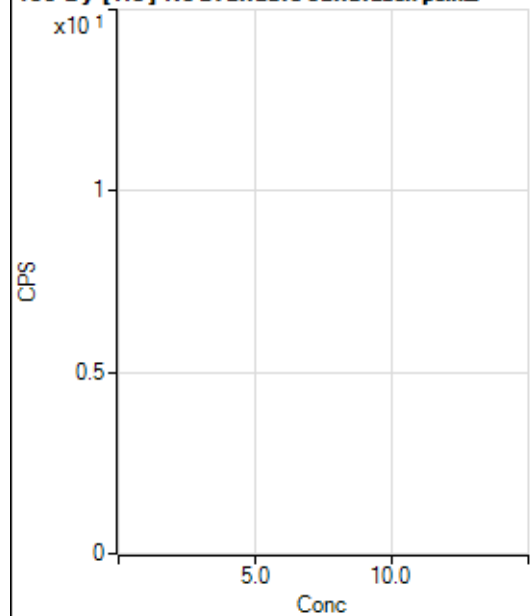
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	43.4
3	☐			52.22		P	25.8
4	☐			110.00		P	6.1
5	☐			244.45		P	10.3
6	☐			440.01		P	4.2
7	☐			844.48		P	4.7
8	☐			111.11		P	12.5

150 Nd [He] No available calibration points

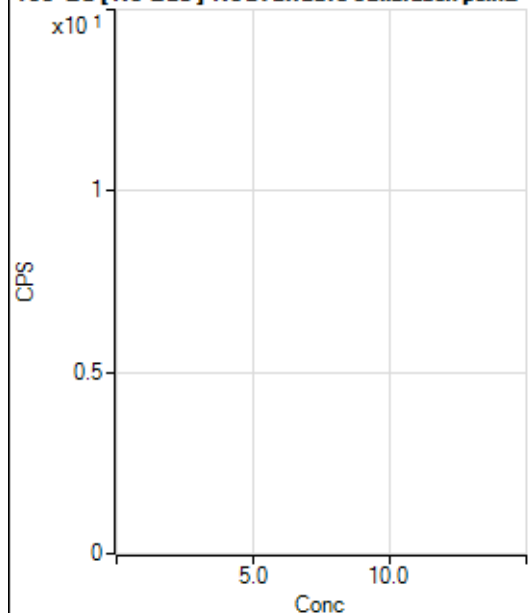
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.
3	☐			6.67		P	86.6
4	☐			23.33		P	NaN
5	☐			35.56		P	23.6
6	☐			95.55		P	11.2
7	☐			152.23		P	16.1
8	☐			73.33		P	31.5

156 Dy [No Gas] No available calibration points

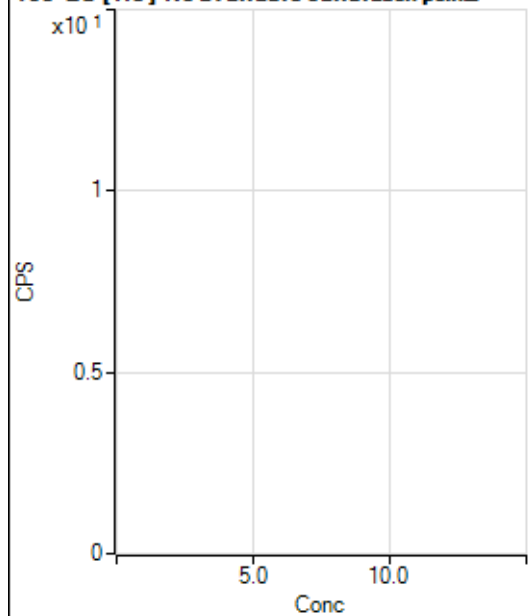
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			7.78		P	49.5
3	☐			17.78		P	21.7
4	☐			42.22		P	35.6
5	☐			100.00		P	11.6
6	☐			150.00		P	13.5
7	☐			277.78		P	6.2
8	☐			721.14		P	7.7

156 Dy [He] No available calibration points

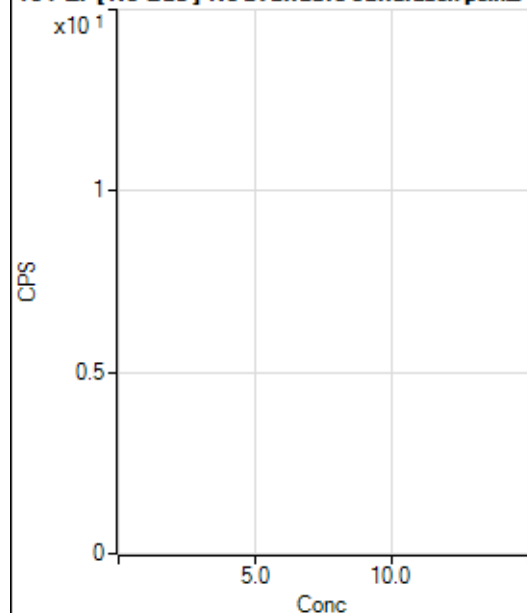
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			5.56		P	91.6
3	☐			18.89		P	10.2
4	☐			52.22		P	25.8
5	☐			84.44		P	17.8
6	☐			182.22		P	11.6
7	☐			325.56		P	3.3
8	☐			441.12		P	8.6

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

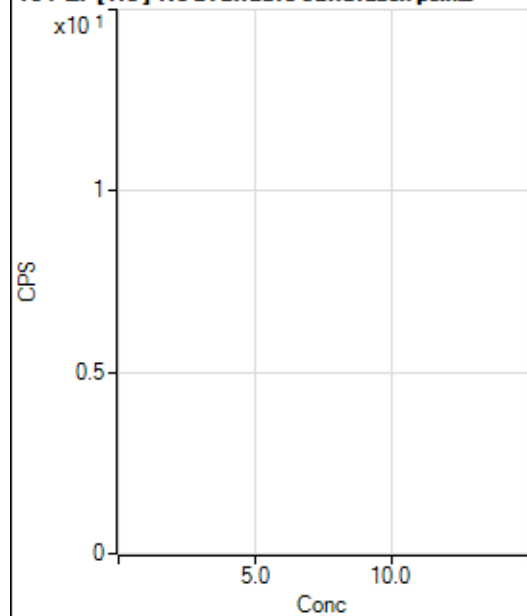
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	22.9
2	☐			26.67		P	33.1
3	☐			32.22		P	33.3
4	☐			51.11		P	30.8
5	☐			82.22		P	23.8
6	☐			122.22		P	13.7
7	☐			212.23		P	21.4
8	☐			734.47		P	6.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			194.45		P	9.7
2	☐			175.56		P	10.5
3	☐			192.22		P	7.0
4	☐			191.11		P	2.7
5	☐			212.23		P	16.9
6	☐			268.90		P	8.3
7	☐			310.01		P	16.9
8	☐			703.36		P	4.2

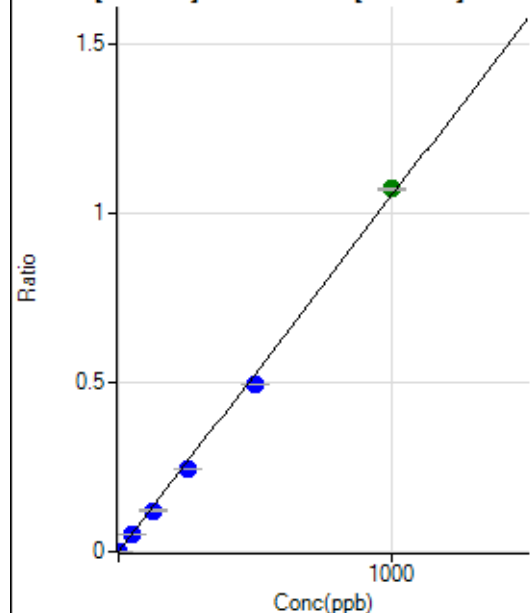
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	38.2
2	☐			37.78		P	10.2
3	☐			55.56		P	18.3
4	☐			40.00		P	33.3
5	☐			57.78		P	18.5
6	☐			73.33		P	27.3
7	☐			111.11		P	13.9
8	☐			130.00		P	28.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	18.2
2	☐			20.00		P	44.1
3	☐			21.11		P	9.1
4	☐			31.11		P	37.6
5	☐			21.11		P	45.6
6	☐			34.45		P	20.1
7	☐			71.11		P	33.3
8	☐			90.00		P	9.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0000	P	24.5
2	☐	1.000	0.807	2818.10	0.0009	P	2.4
3	☐	50.000	48.310	162659.38	0.0509	P	1.1
4	☐	125.000	115.764	398229.87	0.1218	P	0.7
5	☐	250.000	233.876	787712.15	0.2461	P	0.4
6	☐	500.000	471.618	1545298.99	0.4963	P	0.2
7	☐	1000.000	1019.461	3277151.51	1.0728	A	0.3
8	☐			683.36	0.0003	P	11.7

$$y = 0.0011 * x + 1.6993E-005$$

$$R = 0.9993$$

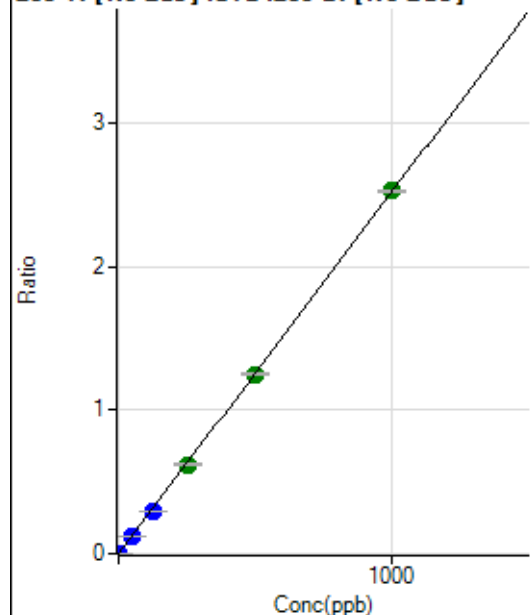
$$DL = 0.01185$$

$$BEC = 0.01615$$

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	148.89	0.0000	P	15.7
2	☐	1.000	0.817	6839.55	0.0021	P	2.9
3	☐	50.000	48.007	386714.68	0.1209	P	2.1
4	☐	125.000	114.956	946169.80	0.2895	P	0.3
5	☐	250.000	246.177	1983771.05	0.6198	A	1.2
6	☐	500.000	496.426	3891909.21	1.2499	A	0.6
7	☐	1000.000	1004.098	7722685.79	2.5280	A	0.6
8	☐			1589.00	0.0006	P	3.7

$$y = 0.0025 * x + 4.4270E-005$$

$$R = 0.9999$$

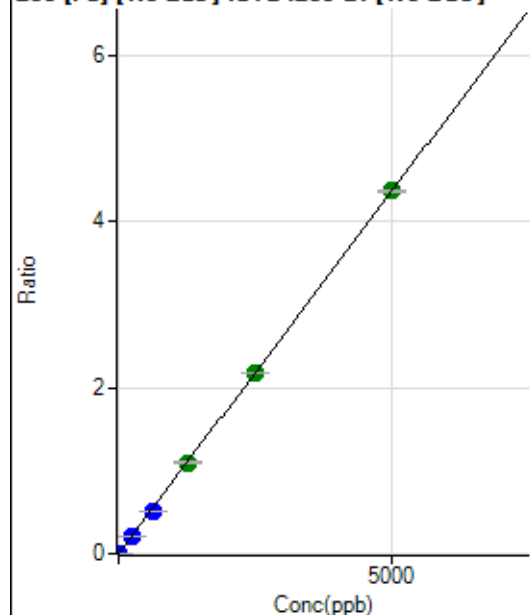
$$DL = 0.008269$$

$$BEC = 0.01758$$

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	278.89	0.0001	P	5.6
2	☐	1.000	0.791	2518.04	0.0008	P	2.8
3	☐	250.000	240.940	672751.14	0.2103	P	1.7
4	☐	625.000	575.843	1642739.07	0.5026	P	0.8
5	☐	1250.000	1255.980	3508105.57	1.0961	A	1.8
6	☐	2500.000	2491.717	6770674.83	2.1744	A	0.2
7	☐	5000.000	5009.244	13353627.44	4.3712	A	0.3
8	☐			5516.73	0.0021	P	5.3

$$y = 8.7262\text{E-}004 * x + 8.3364\text{E-}005$$

$$R = 0.9999$$

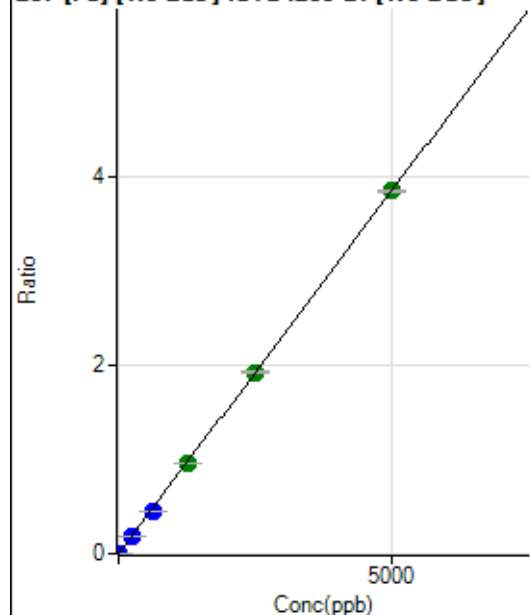
$$DL = 0.01617$$

$$BEC = 0.09553$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.23	0.0001	P	2.8
2	☐	1.000	0.811	2294.66	0.0007	P	0.9
3	☐	250.000	240.634	591930.15	0.1851	P	1.6
4	☐	625.000	576.888	1449743.82	0.4435	P	1.2
5	☐	1250.000	1250.832	3077715.27	0.9616	A	1.2
6	☐	2500.000	2505.288	5996964.08	1.9260	A	0.2
7	☐	5000.000	5003.630	11750523.44	3.8465	A	0.7
8	☐			4780.89	0.0018	P	5.1

$$y = 7.6872\text{E-}004 * x + 8.1295\text{E-}005$$

$$R = 1.0000$$

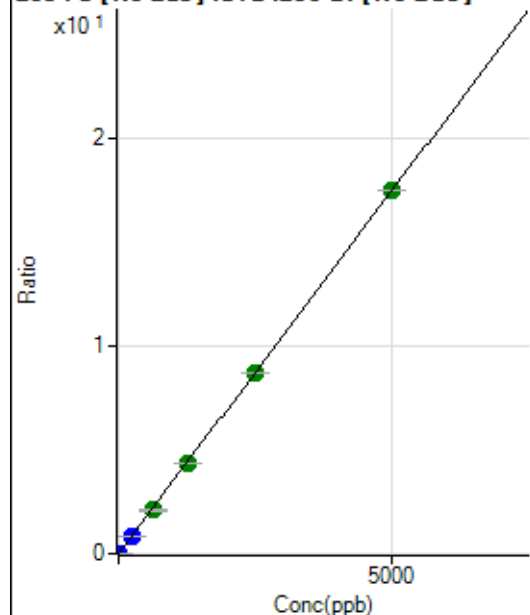
$$DL = 0.008968$$

$$BEC = 0.1058$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1154.48	0.0003	P	2.5
2	☐	1.000	0.800	10216.05	0.0031	P	1.6
3	☐	250.000	241.690	2699932.83	0.8441	P	1.9
4	☐	625.000	599.068	6836919.60	2.0918	A	1.6
5	☐	1250.000	1246.159	13924982.95	4.3509	A	1.1
6	☐	2500.000	2500.074	27178110.22	8.7286	A	0.5
7	☐	5000.000	5004.580	53375893.79	17.4722	A	0.0
8	☐			22148.44	0.0085	P	4.1

$$y = 0.0035 * x + 3.4477E-004$$

$$R = 1.0000$$

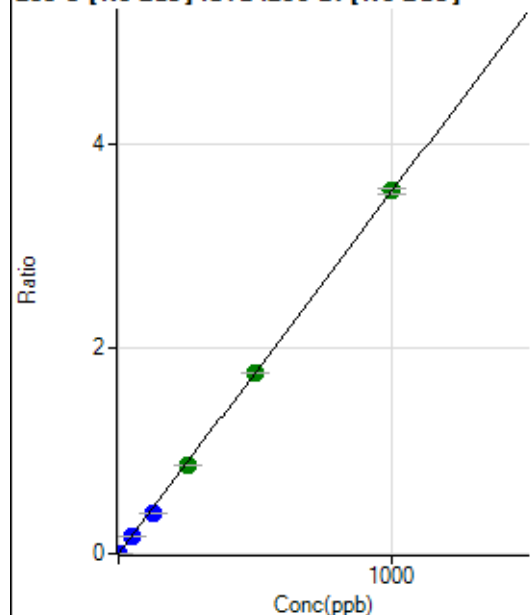
$$DL = 0.007349$$

$$BEC = 0.09875$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0000	P	47.5
2	☐	1.000	0.771	8870.78	0.0027	P	1.5
3	☐	50.000	46.120	520474.05	0.1627	P	1.5
4	☐	125.000	111.434	1285016.32	0.3932	P	1.5
5	☐	250.000	245.425	2771264.09	0.8659	A	1.1
6	☐	500.000	500.094	5493919.78	1.7644	A	0.5
7	☐	1000.000	1002.987	10810306.09	3.5387	A	1.6
8	☐			2863.67	0.0011	P	4.4

$$y = 0.0035 * x + 5.2951E-006$$

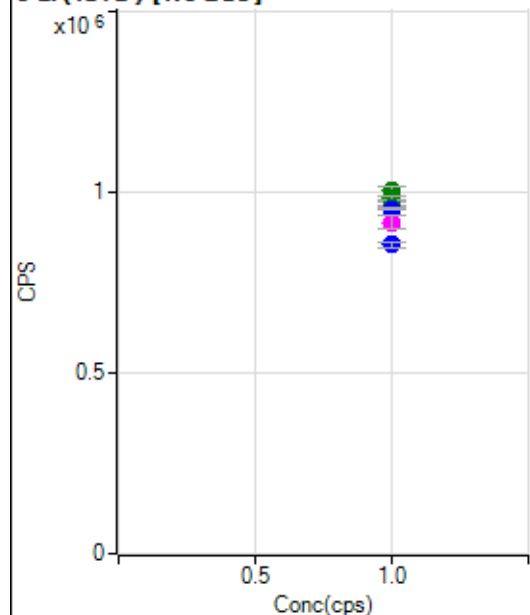
$$R = 0.9999$$

$$DL = 0.002136$$

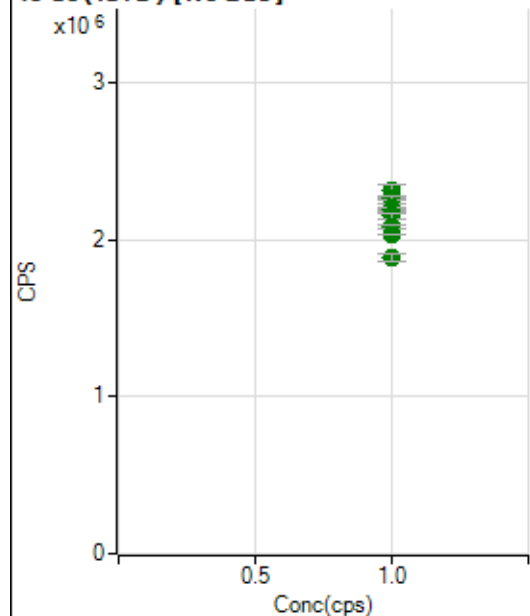
$$BEC = 0.001501$$

Weight: <None>

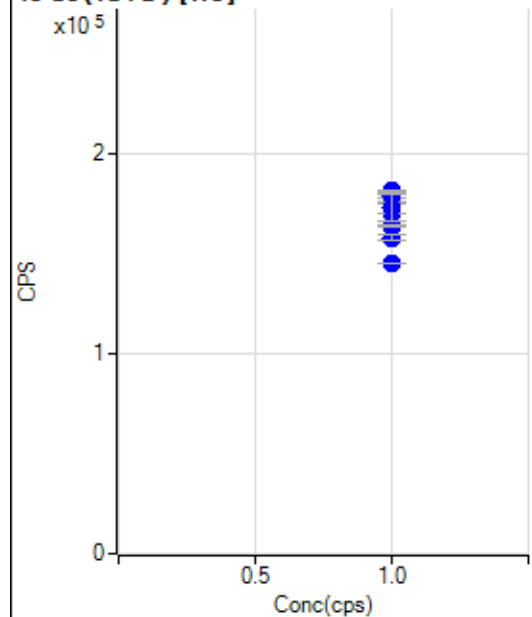
Min Conc: 0

6 Li (ISTD) [No Gas]

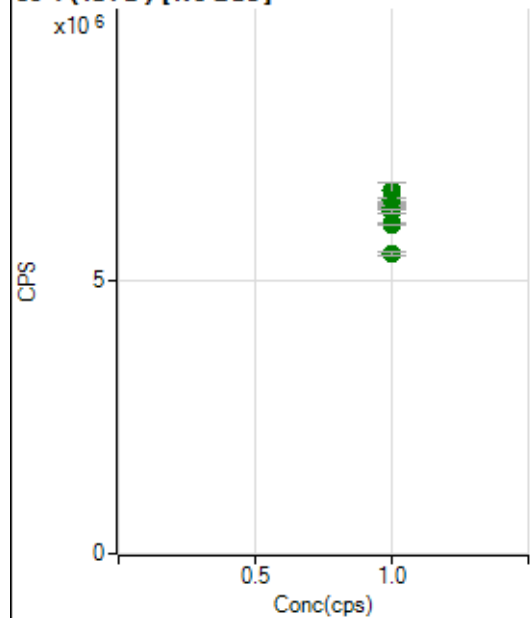
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1002719.46		A	2.5
2	☐	1.000		972259.99		A	0.1
3	☐	1.000		981922.28		A	1.2
4	☐	1.000		982724.64		A	1.3
5	☐	1.000		959226.45		A	1.0
6	☐	1.000		952393.87		P	0.7
7	☐	1.000		916328.29		M	4.1
8	☐	1.000		854081.91		P	1.6

45 Sc (ISTD) [No Gas]

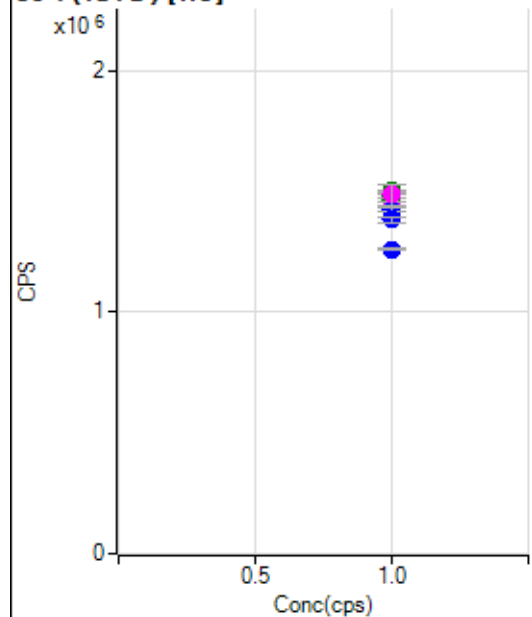
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2311413.04		A	3.4
2	☐	1.000		2271206.89		A	1.2
3	☐	1.000		2211334.43		A	1.3
4	☐	1.000		2194727.85		A	0.9
5	☐	1.000		2152391.55		A	1.6
6	☐	1.000		2087319.88		A	1.3
7	☐	1.000		2035407.35		A	0.2
8	☐	1.000		1885877.99		A	2.3

45 Sc (ISTD) [He]

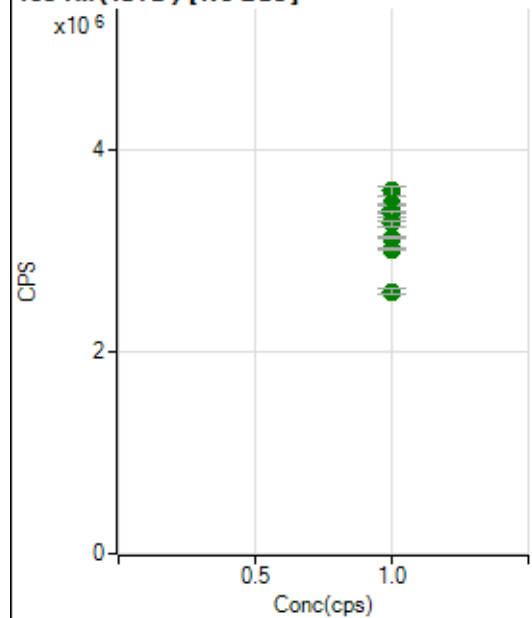
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		178387.69		P	1.0
2	☐	1.000		181093.79		P	0.4
3	☐	1.000		175471.65		P	0.4
4	☐	1.000		169899.26		P	0.3
5	☐	1.000		163620.04		P	0.8
6	☐	1.000		172368.77		P	7.8
7	☐	1.000		157741.11		P	1.6
8	☐	1.000		144843.97		P	0.5

89 Y (ISTD) [No Gas]

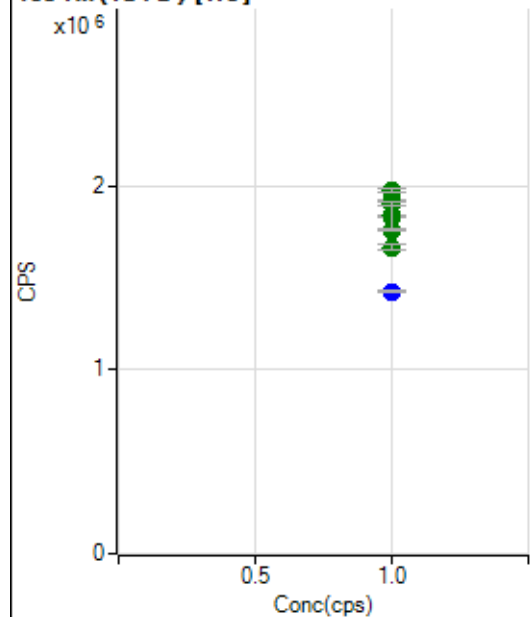
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6628980.04		A	4.1
2	☐	1.000		6458156.85		A	0.9
3	☐	1.000		6349705.05		A	1.3
4	☐	1.000		6332788.93		A	1.3
5	☐	1.000		6254441.50		A	1.6
6	☐	1.000		6027631.86		A	0.6
7	☐	1.000		6011780.88		A	0.4
8	☐	1.000		5487742.07		A	1.3

89 Y(ISTD) [He]

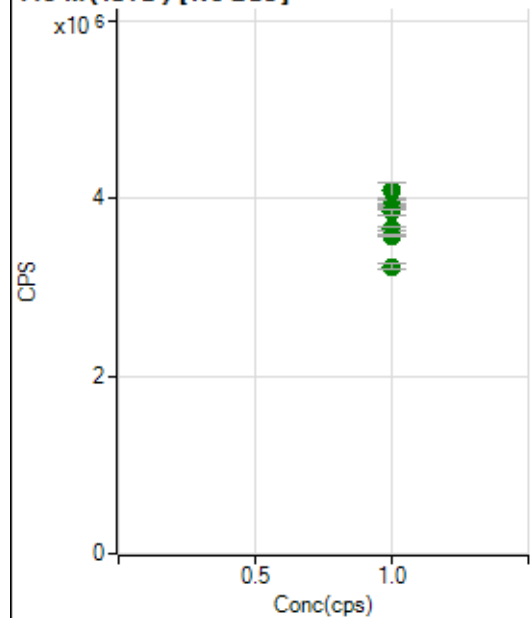
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1477502.57		A	1.2
2	☐	1.000		1500953.12		A	0.5
3	☐	1.000		1464817.65		A	1.2
4	☐	1.000		1443206.63		M	2.1
5	☐	1.000		1424045.17		P	0.6
6	☐	1.000		1484805.83		M	6.1
7	☐	1.000		1381184.63		P	1.4
8	☐	1.000		1259440.34		P	0.7

103 Rh(ISTD) [No Gas]

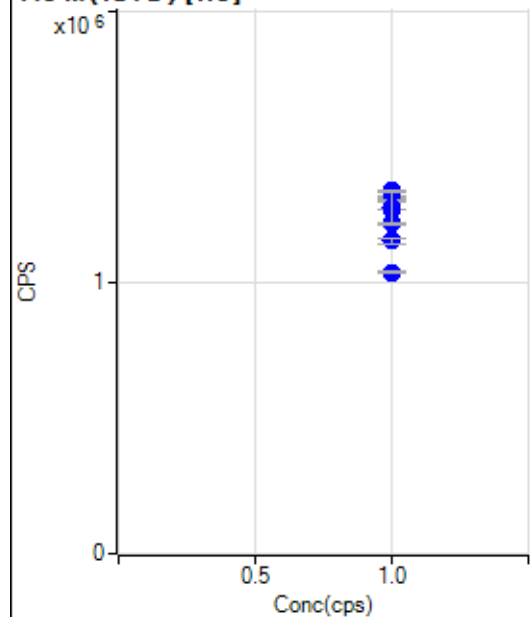
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3591555.05		A	2.9
2	☐	1.000		3459359.32		A	0.2
3	☐	1.000		3403478.53		A	2.3
4	☐	1.000		3364733.25		A	1.5
5	☐	1.000		3267604.12		A	1.6
6	☐	1.000		3127758.81		A	0.9
7	☐	1.000		3011476.38		A	0.7
8	☐	1.000		2595601.39		A	2.7

103 Rh (ISTD) [He]

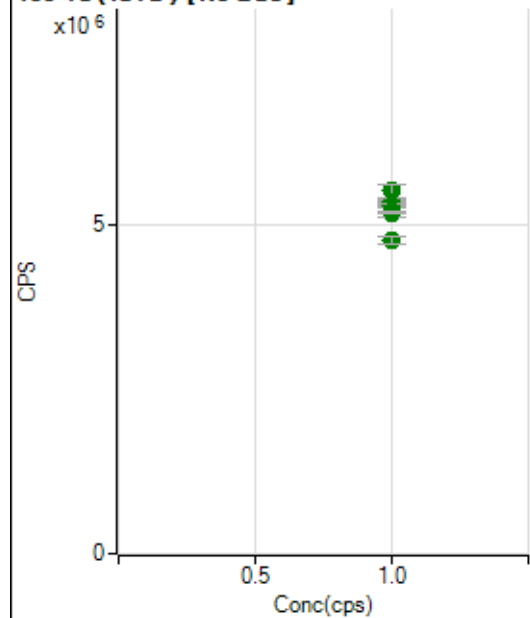
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1924191.13		A	0.5
2	☐	1.000		1975090.42		A	1.0
3	☐	1.000		1905890.11		A	0.8
4	☐	1.000		1835383.83		A	0.6
5	☐	1.000		1759564.99		A	0.5
6	☐	1.000		1842490.98		A	8.2
7	☐	1.000		1669073.38		A	2.1
8	☐	1.000		1426317.24		P	0.6

115 In (ISTD) [No Gas]

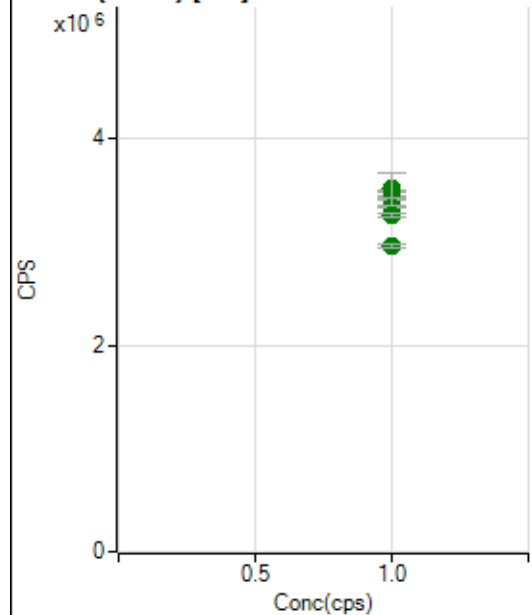
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4085502.67		A	4.3
2	☐	1.000		3942318.59		A	0.2
3	☐	1.000		3927236.17		A	2.5
4	☐	1.000		3898336.33		A	0.5
5	☐	1.000		3849038.58		A	1.6
6	☐	1.000		3659074.84		A	0.9
7	☐	1.000		3579345.44		A	0.7
8	☐	1.000		3236327.28		A	2.5

115 In (ISTD) [He]

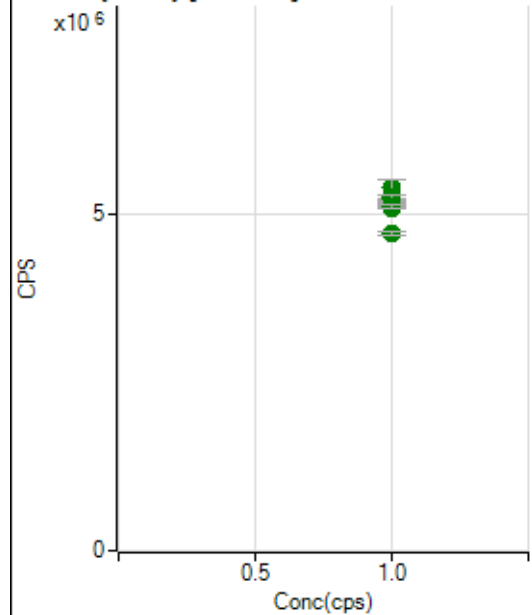
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1314200.50		P	0.7
2	☐	1.000		1337763.53		P	0.5
3	☐	1.000		1301288.74		P	0.3
4	☐	1.000		1267953.07		P	0.1
5	☐	1.000		1218618.06		P	0.7
6	☐	1.000		1275895.44		P	8.4
7	☐	1.000		1152949.84		P	1.5
8	☐	1.000		1036207.72		P	0.7

159 Tb (ISTD) [No Gas]

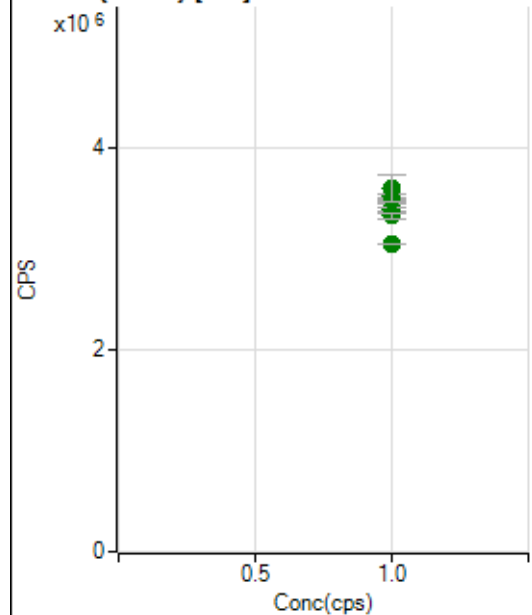
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5516394.57		A	3.8
2	☐	1.000		5365058.18		A	0.8
3	☐	1.000		5266779.44		A	2.9
4	☐	1.000		5353923.46		A	2.1
5	☐	1.000		5304483.67		A	1.0
6	☐	1.000		5162842.49		A	1.9
7	☐	1.000		5192710.37		A	0.7
8	☐	1.000		4770810.00		A	2.3

159 Tb (ISTD) [He]

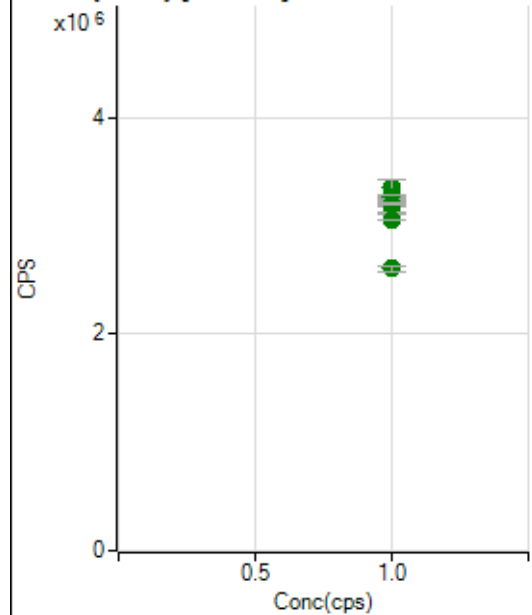
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3434432.21		A	0.8
2	☐	1.000		3492171.41		A	0.4
3	☐	1.000		3437962.24		A	0.7
4	☐	1.000		3418409.11		A	0.6
5	☐	1.000		3343833.08		A	1.1
6	☐	1.000		3515436.16		A	9.2
7	☐	1.000		3263210.96		A	1.4
8	☐	1.000		2957546.42		A	1.5

165 Ho (ISTD) [No Gas]

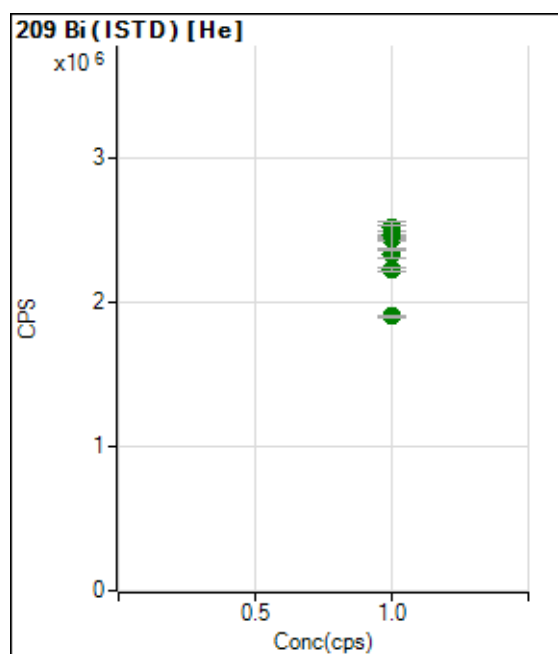
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5393875.82		A	4.1
2	☐	1.000		5229095.16		A	0.6
3	☐	1.000		5177161.28		A	1.5
4	☐	1.000		5250420.30		A	1.5
5	☐	1.000		5240831.66		A	2.0
6	☐	1.000		5099130.03		A	0.8
7	☐	1.000		5120588.61		A	1.4
8	☐	1.000		4720100.42		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3484792.66		A	0.4
2	☐	1.000		3519048.77		A	0.6
3	☐	1.000		3482511.37		A	0.5
4	☐	1.000		3455893.04		A	0.8
5	☐	1.000		3378757.79		A	1.1
6	☐	1.000		3588895.64		A	7.4
7	☐	1.000		3325896.13		A	1.7
8	☐	1.000		3048084.71		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3351127.34		A	4.6
2	☐	1.000		3255052.24		A	1.7
3	☐	1.000		3198998.60		A	1.3
4	☐	1.000		3268808.94		A	1.1
5	☐	1.000		3200594.19		A	0.6
6	☐	1.000		3113780.44		A	0.8
7	☐	1.000		3054896.28		A	0.2
8	☐	1.000		2605676.84		A	2.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2446817.59		A	0.8
2	☐	1.000		2511052.07		A	1.5
3	☐	1.000		2457553.89		A	0.9
4	☐	1.000		2430059.96		A	0.9
5	☐	1.000		2335144.18		A	2.3
6	☐	1.000		2460598.09		A	7.7
7	☐	1.000		2226471.08		A	1.4
8	☐	1.000		1902589.48		A	0.6