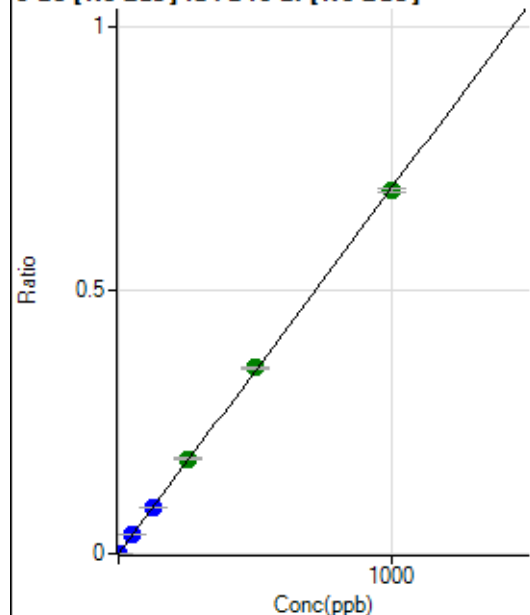


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8030325MS-.b\
Analysis File: P8030325MS-.batch.bin
DA Date-Time: 2025-03-03 17:08:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2025-03-03 14:20:50
2	005CALS.d	S02	2025-03-03 14:27:32
3	006CALB.d	S03	2025-03-03 14:30:55
4	007CALS.d	S04	2025-03-03 14:33:59
5	008CALS.d	S05	2025-03-03 14:36:58
6	009CALS.d	S06	2025-03-03 14:39:47
7	010CALS.d	S07	2025-03-03 14:42:35
8	011CALS.d	S08	2025-03-03 14:45:20

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	271.22	0.0000	P	3.6
2	☐	1.000	1.020	6256.81	0.0007	P	0.9
3	☐	50.000	51.169	294005.06	0.0356	P	2.7
4	☐	125.000	125.656	724289.93	0.0873	P	1.4
5	☐	250.000	259.115	1492498.47	0.1801	A	1.4
6	☐	500.000	509.911	2927677.12	0.3543	A	1.2
7	☐	1000.000	992.625	5654462.05	0.6897	A	1.0
8	☐			1800.72	0.0002	P	10.6

$$y = 6.9475E-004 * x + 3.2945E-005$$

$$R = 0.9999$$

$$DL = 0.005136$$

$$BEC = 0.04742$$

Weight: <None>

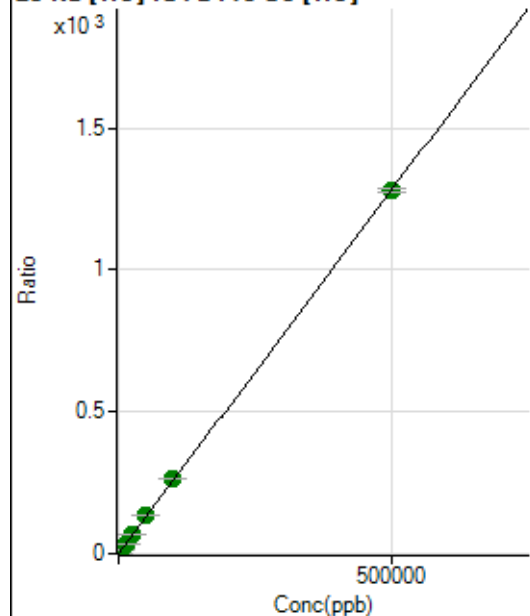
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4523046.22		A	1.4
2	☐			4783234.51		A	1.3
3	☐			4865291.77		A	0.8
4	☐			4877683.75		A	0.3
5	☐			4934092.81		A	0.6
6	☐			5151012.73		A	1.7
7	☐			5673376.93		A	1.3
8	☐			4842636.21		A	0.8

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28906.24		P	0.9
2	☐			29953.84		P	0.3
3	☐			31292.21		P	0.9
4	☐			30903.61		P	2.2
5	☐			32535.95		P	1.7
6	☐			34817.87		P	0.3
7	☐			39168.73		P	0.7
8	☐			39476.17		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26464.06	0.1526	P	2.0
2	☐	500.000	528.102	267308.29	1.5050	P	1.5
3	☐	5000.000	5478.696	2500332.76	14.1832	A	0.7
4	☐	12500.000	13688.494	6137492.13	35.2079	A	1.3
5	☐	25000.000	26807.086	12219932.04	68.8038	A	1.0
6	☐	50000.000	52625.634	24173461.31	134.9234	A	1.7
7	☐	100000.00	103041.30	48428190.95	264.0346	A	0.5
8	☐	500000.00	499004.29	218406770.0	1,278.069	A	1.1

$$y = 0.0026 * x + 0.1526$$

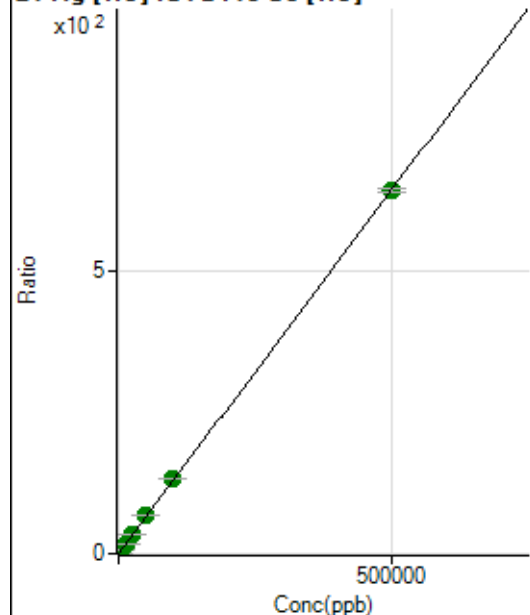
$$R = 1.0000$$

$$DL = 3.615$$

$$BEC = 59.58$$

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	1749.01	0.0101	P	4.8
2	☐	500.000	544.471	126524.61	0.7124	P	1.6
3	☐	5000.000	5542.044	1261881.24	7.1583	A	0.7
4	☐	12500.000	13789.984	3102477.31	17.7967	A	0.8
5	☐	25000.000	26970.659	6180251.64	34.7975	A	0.6
6	☐	50000.000	53297.405	12318807.46	68.7544	A	1.2
7	☐	100000.00	102778.58	24316533.53	132.5764	A	0.8
8	☐	500000.00	498978.29	109982219.4	643.6044	A	1.2

$$y = 0.0013 * x + 0.0101$$

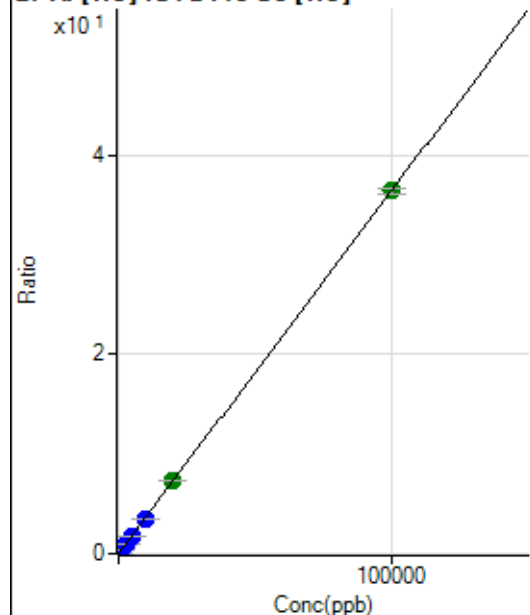
$$R = 1.0000$$

$$DL = 1.135$$

$$BEC = 7.818$$

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	351.12	0.0020	P	16.9
2	☐	20.000	18.802	1576.77	0.0089	P	2.6
3	☐	1000.000	990.671	64015.58	0.3631	P	1.3
4	☐	2500.000	2486.214	158341.18	0.9083	P	0.7
5	☐	5000.000	4845.204	314040.72	1.7682	P	0.7
6	☐	10000.000	9555.057	624343.95	3.4850	P	2.5
7	☐	20000.000	20274.889	1355905.27	7.3926	A	0.7
8	☐	100000.00	99997.695	6229137.82	36.4529	A	1.6

$$y = 3.6452E-004 * x + 0.0020$$

$$R = 1.0000$$

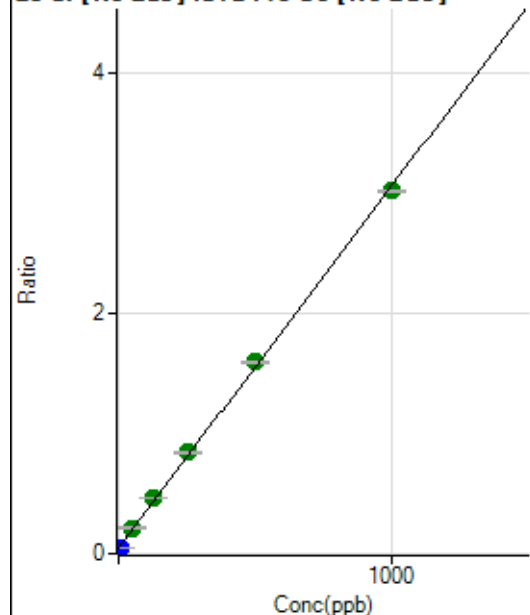
$$DL = 2.809$$

$$BEC = 5.553$$

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	512578.94	0.0483	P	3.0
2	☐	10.000	1.756	590734.82	0.0536	P	1.6
3	☐	50.000	54.999	2298963.35	0.2137	A	3.9
4	☐	125.000	136.690	4933663.61	0.4593	A	1.1
5	☐	250.000	265.160	9174313.40	0.8457	A	2.0
6	☐	500.000	514.719	17539061.41	1.5962	A	1.3
7	☐	1000.000	987.222	33410807.84	3.0171	A	0.7
8	☐			735870.31	0.0715	P	5.2

$$y = 0.0030 * x + 0.0483$$

$$R = 0.9996$$

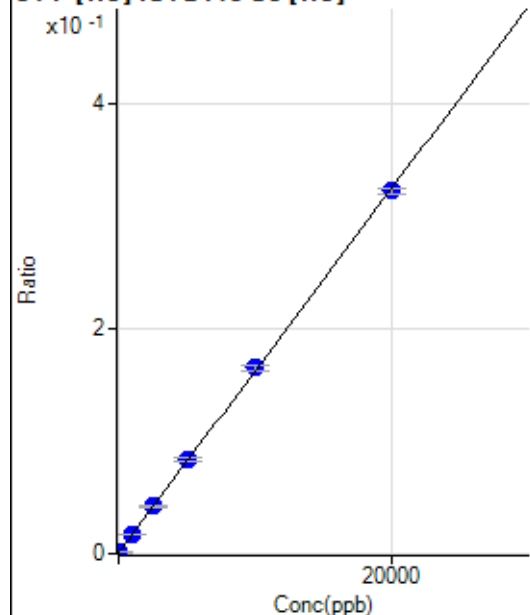
$$DL = 1.468$$

$$BEC = 16.06$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-12.361	86.67	0.0005	P	23.8
2	☐	0.000	12.361	160.00	0.0009	P	8.6
3	☐	1000.000	1021.767	3041.46	0.0173	P	3.3
4	☐	2500.000	2585.422	7425.30	0.0426	P	4.2
5	☐	5000.000	5136.917	14906.65	0.0839	P	2.4
6	☐	10000.000	10153.691	29599.08	0.1652	P	2.4
7	☐	20000.000	19877.159	59200.16	0.3228	P	1.6
8	☐			92.22	0.0005	P	37.6

$$y = 1.6203E-005 * x + 7.0026E-004$$

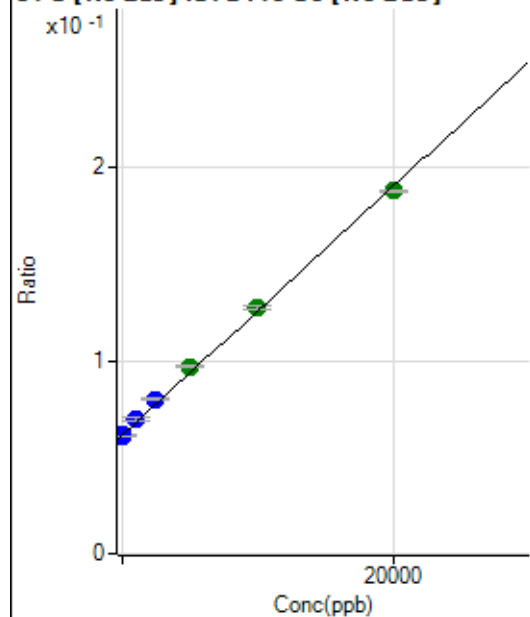
$$R = 0.9999$$

$$DL = 18.17$$

$$BEC = 43.22$$

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	91.660	656191.04	0.0618	P	0.8
2	☐	0.000	-91.660	668618.59	0.0606	P	1.1
3	☐	1000.000	1279.610	747633.44	0.0695	P	3.1
4	☐	2500.000	2929.303	860475.62	0.0801	P	1.0
5	☐	5000.000	5552.658	1052671.40	0.0970	A	0.2
6	☐	10000.000	10285.295	1401766.75	0.1276	A	1.0
7	☐	20000.000	19651.545	2081396.31	0.1880	A	0.9
8	☐			581437.09	0.0565	P	1.2

$$y = 6.4487\text{E-}006 * x + 0.0612$$

R = 0.9993

DL = 277.6

BEC = 9495

Weight: <None>

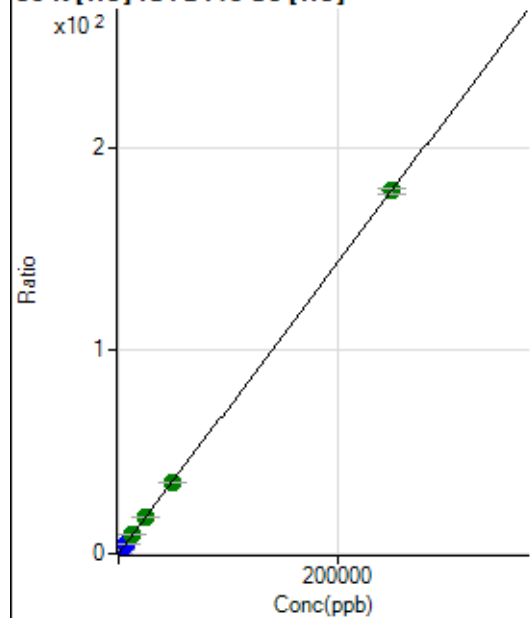
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			79763.45		P	0.1
2	☐			99866.79		P	1.3
3	☐			101036.87		P	1.1
4	☐			102452.30		P	1.3
5	☐			106240.49		P	1.7
6	☐			115304.52		P	1.9
7	☐			134217.53		P	1.7
8	☐			83472.98		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			297.79		P	3.6
2	☐			357.79		P	12.9
3	☐			371.12		P	3.4
4	☐			362.23		P	17.8
5	☐			380.01		P	13.2
6	☐			425.57		P	2.0
7	☐			518.90		P	13.2
8	☐			311.12		P	10.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6815.01	0.0393	P	2.4
2	☐	500.000	497.475	70047.73	0.3944	P	2.0
3	☐	2500.000	2413.857	310652.62	1.7623	P	0.7
4	☐	6250.000	6073.855	762636.33	4.3749	P	1.3
5	☐	12500.000	13026.372	1658443.83	9.3377	A	0.6
6	☐	25000.000	25451.869	3262377.63	18.2072	A	1.1
7	☐	50000.000	49506.431	6488805.11	35.3776	A	0.0
8	☐	250000.00	250032.47	30504820.38	178.5157	A	1.5

$$y = 7.1381\text{E-}004 * x + 0.0393$$

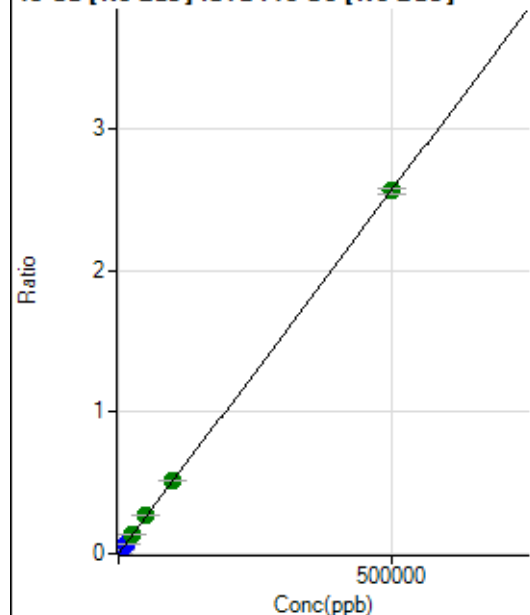
$$R = 1.0000$$

$$DL = 3.965$$

$$BEC = 55.04$$

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	1457.87	0.0001	P	2.1
2	☐	500.000	511.213	30429.94	0.0028	P	1.7
3	☐	5000.000	5088.468	282300.18	0.0262	P	4.0
4	☐	12500.000	12528.325	691747.57	0.0644	P	0.3
5	☐	25000.000	26361.606	1468502.57	0.1354	A	0.6
6	☐	50000.000	52005.437	2932956.10	0.2669	A	1.1
7	☐	100000.00	101381.15	5760642.20	0.5202	A	0.7
8	☐	500000.00	499453.54	26383624.61	2.5622	A	1.6

$$y = 5.1298\text{E-}006 * x + 1.3734\text{E-}004$$

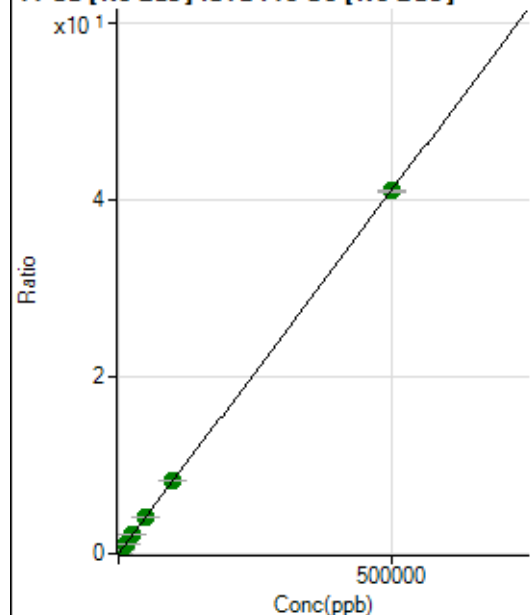
$$R = 1.0000$$

$$DL = 1.71$$

$$BEC = 26.77$$

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	27319.33	0.0026	P	0.2
2	☐	500.000	510.847	491395.14	0.0446	P	0.7
3	☐	5000.000	5390.997	4795421.28	0.4457	A	3.5
4	☐	12500.000	13250.829	11725999.27	1.0917	A	0.4
5	☐	25000.000	26082.234	23285284.10	2.1464	A	1.4
6	☐	50000.000	51084.564	46169674.87	4.2016	A	1.1
7	☐	100000.00	101271.18	92213586.40	8.3267	A	0.8
8	☐	500000.00	499560.50	422880149.2	41.0648	A	0.7

$$y = 8.2197\text{E-}005 * x + 0.0026$$

$$R = 1.0000$$

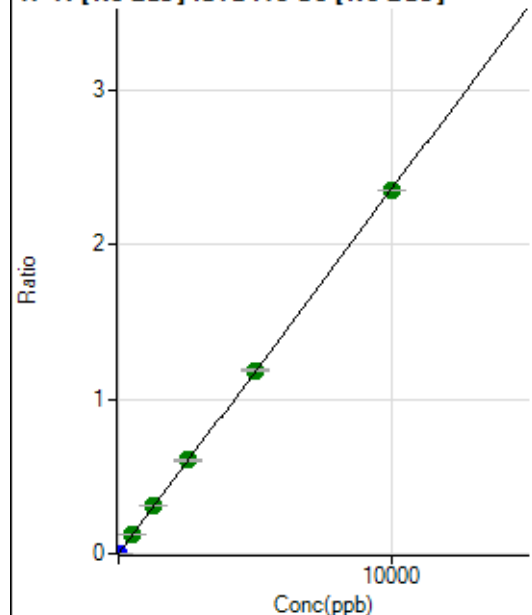
$$DL = 0.1952$$

$$BEC = 31.31$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	215.56	0.0000	P	16.6
2	☐	5.000	5.030	13282.87	0.0012	P	0.2
3	☐	500.000	525.295	1330866.52	0.1237	A	3.6
4	☐	1250.000	1308.380	3308727.97	0.3081	A	0.5
5	☐	2500.000	2560.210	6539340.66	0.6028	A	0.7
6	☐	5000.000	5038.789	13036443.14	1.1864	A	0.7
7	☐	10000.000	9956.991	25961071.00	2.3443	A	0.2
8	☐			6502.65	0.0006	P	4.6

$$y = 2.3544\text{E-}004 * x + 2.0304\text{E-}005$$

$$R = 1.0000$$

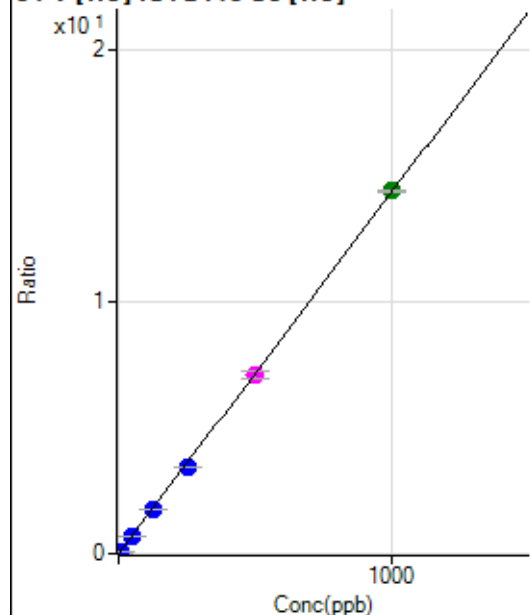
$$DL = 0.04284$$

$$BEC = 0.08624$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0001	P	77.6
2	☐	5.000	4.977	12677.91	0.0714	P	0.3
3	☐	50.000	48.372	122202.47	0.6933	P	1.1
4	☐	125.000	121.864	304455.24	1.7465	P	1.2
5	☐	250.000	240.267	611561.92	3.4434	P	0.4
6	☐	500.000	496.431	1274432.17	7.1145	M	4.8
7	☐	1000.000	1004.691	2640894.58	14.3984	A	0.3
8	☐			590.02	0.0035	P	5.3

$$y = 0.0143 * x + 5.1162\text{E-}005$$

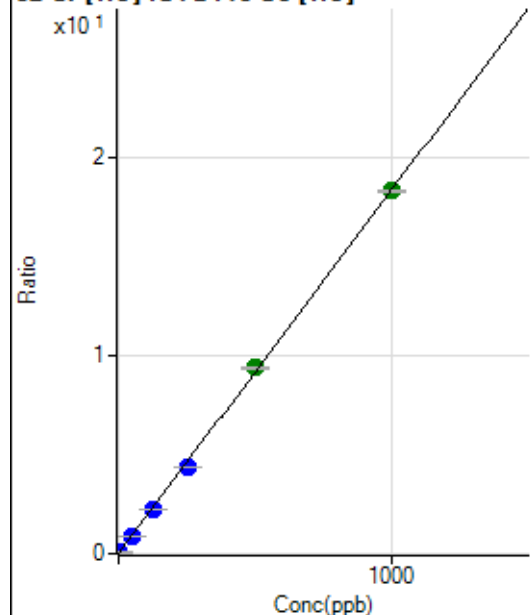
$$R = 0.9999$$

$$DL = 0.008316$$

$$BEC = 0.00357$$

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	2307.99	0.0133	P	4.8
2	☐	2.000	1.936	8678.26	0.0489	P	2.1
3	☐	50.000	48.553	159518.73	0.9050	P	0.9
4	☐	125.000	121.334	390771.45	2.2415	P	0.4
5	☐	250.000	237.562	777203.78	4.3760	P	0.5
6	☐	500.000	511.557	1685618.05	9.4077	A	1.1
7	☐	1000.000	997.862	3363533.21	18.3383	A	0.5
8	☐			14442.95	0.0845	P	2.7

$$y = 0.0184 * x + 0.0133$$

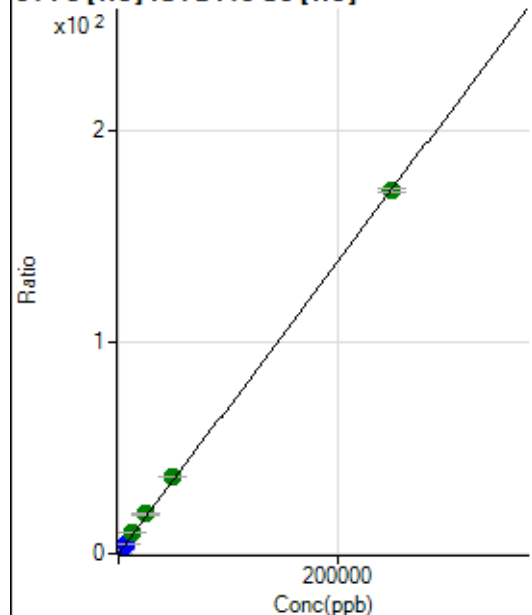
$$R = 0.9998$$

$$DL = 0.1052$$

$$BEC = 0.7246$$

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	761.14	0.0044	P	8.3
2	☐	50.000	59.128	8005.65	0.0451	P	2.3
3	☐	2500.000	2640.995	321088.03	1.8214	P	0.1
4	☐	6250.000	6615.473	794219.24	4.5559	P	0.9
5	☐	12500.000	13964.079	1707141.61	9.6119	A	0.6
6	☐	25000.000	27256.221	3360788.00	18.7571	A	1.5
7	☐	50000.000	52379.920	6610754.14	36.0426	A	0.6
8	☐	250000.00	249214.64	29301136.51	171.4680	A	0.9

$$y = 6.8802E-004 * x + 0.0044$$

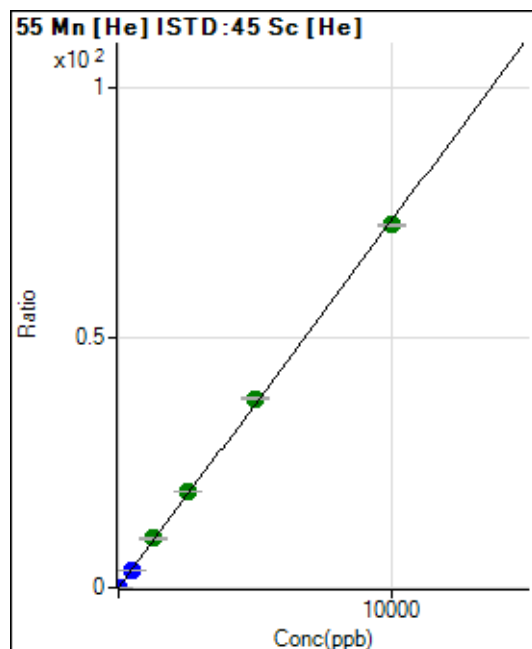
$$R = 0.9999$$

$$DL = 1.585$$

$$BEC = 6.376$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1416.75	0.0082	P	4.3
2	☐	1.000	0.762	2445.79	0.0138	P	1.2
3	☐	500.000	489.345	635234.32	3.6035	P	0.5
4	☐	1250.000	1347.357	1727008.15	9.9075	A	2.0
5	☐	2500.000	2617.536	3417108.35	19.2398	A	0.6
6	☐	5000.000	5146.104	6775898.16	37.8178	A	1.2
7	☐	10000.000	9885.927	13323662.16	72.6424	A	0.9
8	☐			5842.37	0.0342	P	6.6

$$y = 0.0073 * x + 0.0082$$

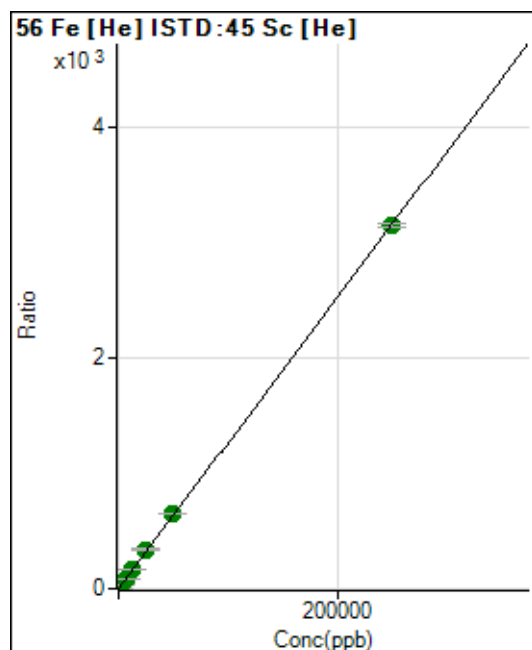
$$R = 0.9997$$

$$DL = 0.1425$$

$$BEC = 1.112$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11665.97	0.0673	P	1.5
2	☐	50.000	57.692	141221.90	0.7951	P	1.1
3	☐	2500.000	2770.524	6173177.13	35.0200	A	0.6
4	☐	6250.000	6933.240	15258245.88	87.5365	A	2.4
5	☐	12500.000	13597.251	30478996.77	171.6093	A	0.0
6	☐	25000.000	26912.156	60845764.09	339.5892	A	1.6
7	☐	50000.000	51539.591	119272801.5	650.2872	A	0.3
8	☐	250000.00	249426.21	537735165.3	3146.811	A	1.2

$$y = 0.0126 * x + 0.0673$$

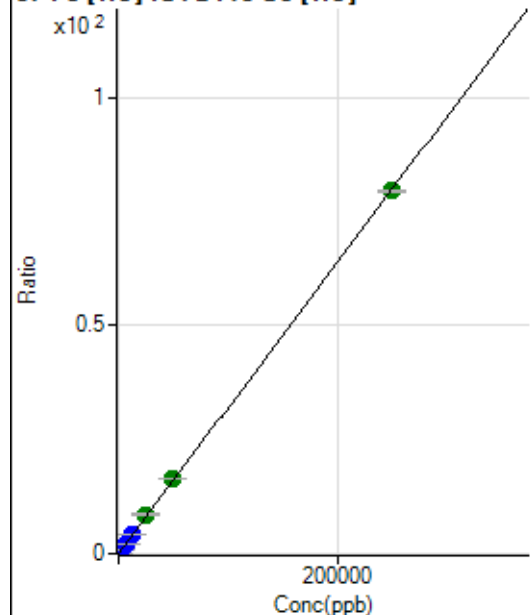
$$R = 1.0000$$

$$DL = 0.2324$$

$$BEC = 5.331$$

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	292.23	0.0017	P	2.8
2	☐	50.000	55.484	3440.45	0.0194	P	1.9
3	☐	2500.000	2570.647	144751.75	0.8211	P	0.7
4	☐	6250.000	6455.590	358998.94	2.0595	P	1.8
5	☐	12500.000	12625.022	715057.61	4.0261	P	0.6
6	☐	25000.000	26959.289	1540024.54	8.5953	A	1.3
7	☐	50000.000	51915.582	3035623.36	16.5505	A	0.7
8	☐	250000.00	249408.85	13586135.21	79.5040	A	0.3

$$y = 3.1876\text{E-}004 * x + 0.0017$$

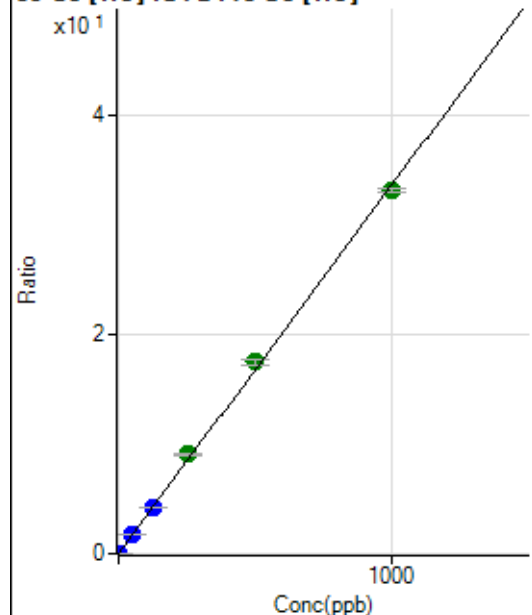
$$R = 0.9999$$

$$DL = 0.4467$$

$$BEC = 5.286$$

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	200.00	0.0012	P	13.1
2	☐	1.000	1.071	6591.58	0.0371	P	2.1
3	☐	50.000	50.248	297607.56	1.6884	P	1.0
4	☐	125.000	126.072	738146.54	4.2344	P	1.2
5	☐	250.000	269.185	1605520.69	9.0398	A	0.9
6	☐	500.000	519.855	3127427.32	17.4567	A	2.4
7	☐	1000.000	985.130	6067310.60	33.0795	A	1.0
8	☐			11043.27	0.0646	P	1.6

$$y = 0.0336 * x + 0.0012$$

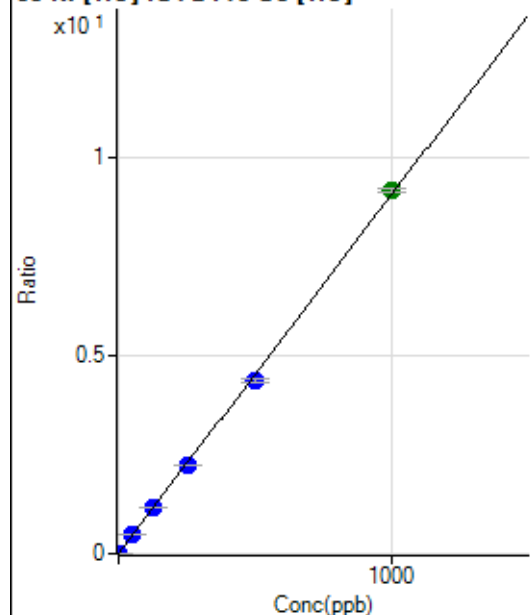
$$R = 0.9995$$

$$DL = 0.01352$$

$$BEC = 0.03434$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	887.81	0.0051	P	5.9
2	☐	1.000	1.034	2574.71	0.0145	P	5.1
3	☐	50.000	51.071	82529.54	0.4682	P	1.1
4	☐	125.000	127.771	202856.77	1.1637	P	1.1
5	☐	250.000	246.610	398062.71	2.2412	P	0.8
6	☐	500.000	479.685	780158.97	4.3546	P	2.2
7	☐	1000.000	1010.605	1681696.50	9.1687	A	1.1
8	☐			4141.76	0.0242	P	3.2

$$y = 0.0091 * x + 0.0051$$

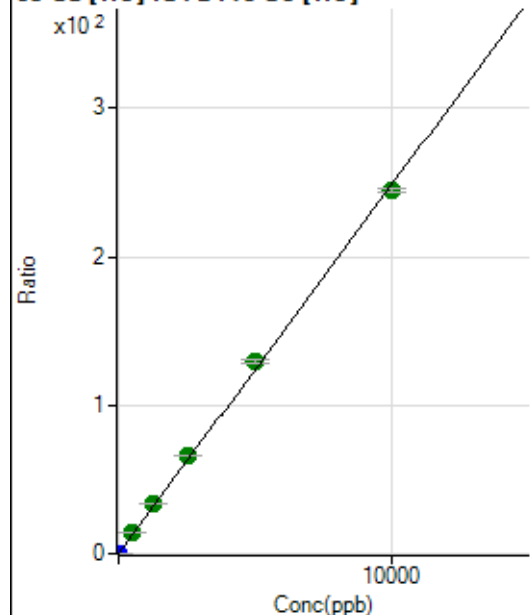
$$R = 0.9997$$

$$DL = 0.09998$$

$$BEC = 0.5644$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1683.45	0.0097	P	2.9
2	☐	2.000	2.199	11424.66	0.0643	P	1.2
3	☐	500.000	558.062	2444430.16	13.8665	A	1.2
4	☐	1250.000	1370.748	5935165.26	34.0456	A	1.3
5	☐	2500.000	2657.924	11723182.33	66.0064	A	0.4
6	☐	5000.000	5200.054	23135041.04	129.1279	A	1.9
7	☐	10000.000	9842.495	44827112.11	244.4006	A	1.0
8	☐			9511.05	0.0557	P	2.2

$$y = 0.0248 * x + 0.0097$$

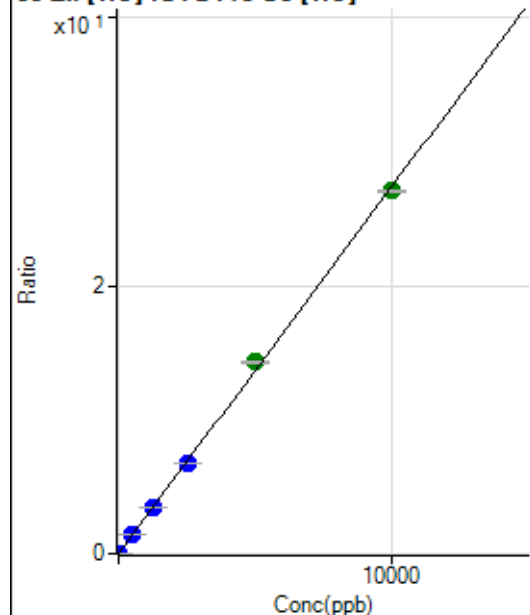
$$R = 0.9995$$

$$DL = 0.03403$$

$$BEC = 0.3909$$

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	595.58	0.0034	P	9.3
2	☐	2.000	5.121	3098.15	0.0174	P	3.5
3	☐	500.000	504.082	243742.49	1.3828	P	1.0
4	☐	1250.000	1260.056	601637.07	3.4513	P	1.4
5	☐	2500.000	2446.431	1189546.91	6.6976	P	0.4
6	☐	5000.000	5232.906	2566166.19	14.3223	A	1.2
7	☐	10000.000	9895.477	4966998.47	27.0806	A	0.8
8	☐			1703.45	0.0100	P	3.3

$$y = 0.0027 * x + 0.0034$$

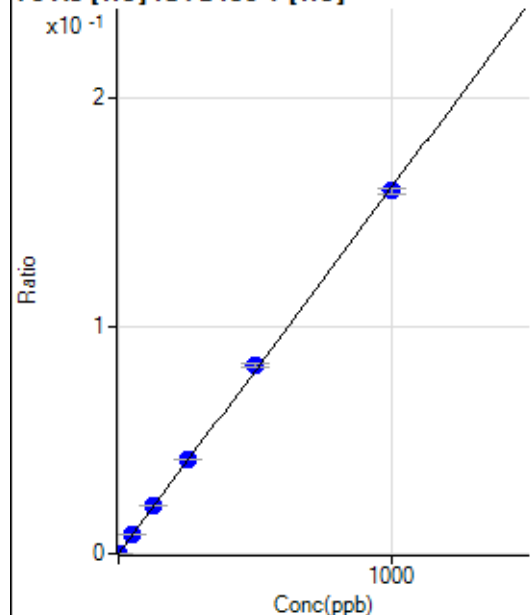
$$R = 0.9996$$

$$DL = 0.3508$$

$$BEC = 1.255$$

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	3.33	0.0000	P	99.5
2	☐	1.000	1.125	314.45	0.0002	P	13.0
3	☐	50.000	53.506	14614.32	0.0086	P	0.4
4	☐	125.000	131.879	35711.86	0.0212	P	1.4
5	☐	250.000	257.428	71487.75	0.0414	P	1.9
6	☐	500.000	512.528	142750.99	0.0824	P	2.1
7	☐	1000.000	990.844	284932.76	0.1593	P	1.2
8	☐			121.11	0.0001	P	17.9

$$y = 1.6078E-004 * x + 1.9839E-006$$

$$R = 0.9998$$

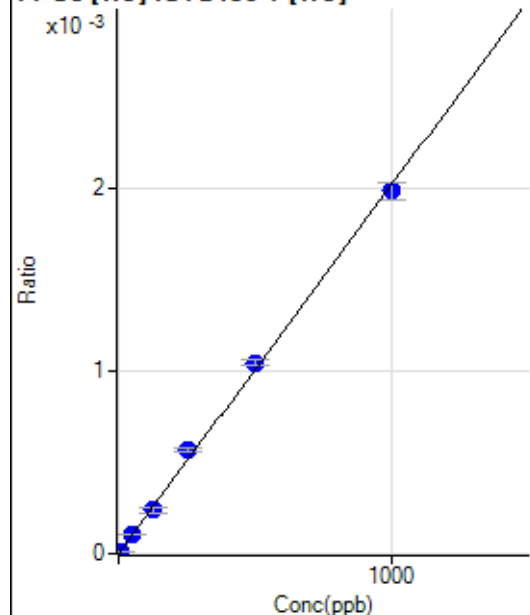
$$DL = 0.03682$$

$$BEC = 0.01234$$

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	5.449	18.89	0.0000	P	27.6
3	☐	50.000	52.127	178.89	0.0001	P	7.3
4	☐	125.000	117.930	401.12	0.0002	P	14.4
5	☐	250.000	281.655	982.27	0.0006	P	5.1
6	☐	500.000	518.083	1812.36	0.0010	P	2.4
7	☐	1000.000	983.820	3552.71	0.0020	P	4.7
8	☐			4.44	0.0000	P	173.2

$$y = 2.0196\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9991$$

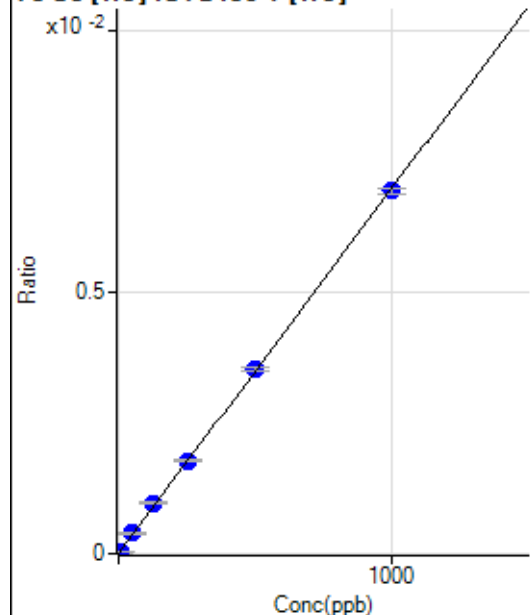
$$DL = 0$$

$$BEC = 0$$

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	8.89	0.0000	P	22.2
2	☐	5.000	4.332	61.11	0.0000	P	17.0
3	☐	50.000	54.953	660.02	0.0004	P	6.7
4	☐	125.000	138.790	1640.11	0.0010	P	0.9
5	☐	250.000	254.132	3072.59	0.0018	P	1.2
6	☐	500.000	505.423	6120.28	0.0035	P	1.4
7	☐	1000.000	994.288	12421.15	0.0069	P	1.3
8	☐			5.56	0.0000	P	173.2

$$y = 6.9787\text{E-}006 * x + 5.3088\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.5074$$

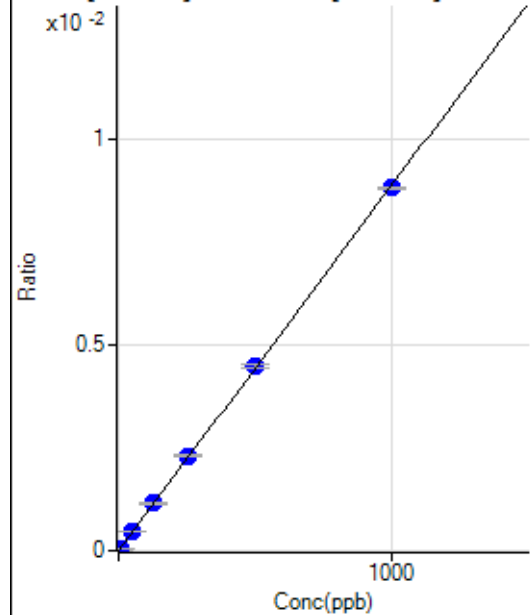
$$BEC = 0.7607$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3853.90		P	3.4
2	☐			3813.88		P	3.5
3	☐			3806.12		P	0.6
4	☐			3961.71		P	4.4
5	☐			3972.83		P	2.1
6	☐			4149.54		P	4.5
7	☐			4474.10		P	3.0
8	☐			4880.90		P	0.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-50.01	0.0000	P	-158.
2	☐	5.000	5.154	1193.42	0.0000	P	7.1
3	☐	50.000	53.274	12528.15	0.0005	P	4.9
4	☐	125.000	130.061	31190.88	0.0012	P	2.0
5	☐	250.000	260.146	62040.72	0.0023	P	1.4
6	☐	500.000	505.796	122871.59	0.0045	P	2.8
7	☐	1000.000	993.769	242035.59	0.0088	P	0.4
8	☐			51.11	0.0000	P	31.0

$$y = 8.8848E-006 * x - 1.8711E-006$$

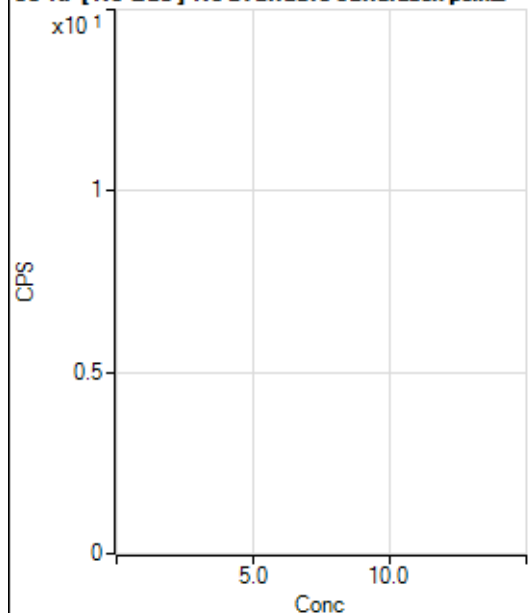
$$R = 0.9999$$

$$DL = 0.9993$$

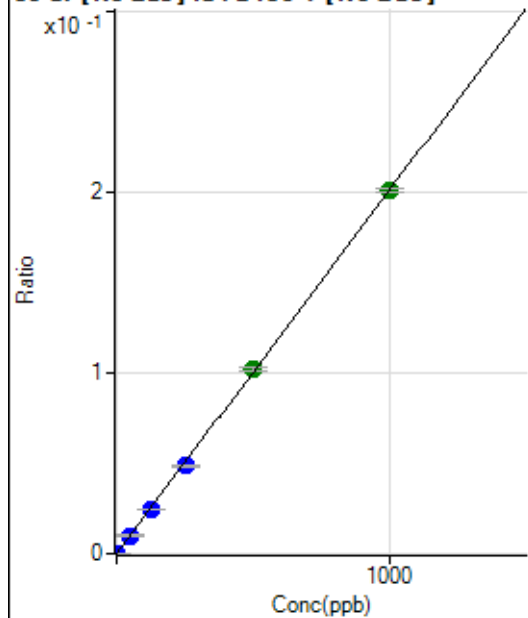
$$BEC = -0.2106$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			264.45		P	20.1
2	☐			232.23		P	9.2
3	☐			287.78		P	1.8
4	☐			277.78		P	1.8
5	☐			237.78		P	16.7
6	☐			288.89		P	11.2
7	☐			333.34		P	17.1
8	☐			351.12		P	7.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	863.37	0.0000	P	4.4
2	☐	1.000	0.978	6243.67	0.0002	P	2.8
3	☐	50.000	49.744	267068.25	0.0100	P	4.1
4	☐	125.000	121.008	659627.40	0.0244	P	1.2
5	☐	250.000	241.128	1305162.45	0.0486	P	0.9
6	☐	500.000	509.366	2806320.76	0.1026	A	2.4
7	☐	1000.000	998.047	5510443.11	0.2010	A	1.1
8	☐			15697.78	0.0006	P	2.4

$$y = 2.0135E-004 * x + 3.2723E-005$$

$$R = 0.9999$$

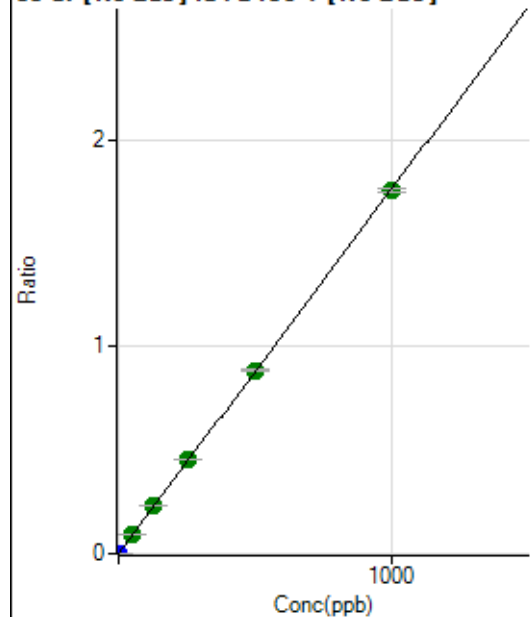
$$DL = 0.02162$$

$$BEC = 0.1625$$

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	3835.01	0.0001	P	5.1
2	☐	1.000	0.998	51666.26	0.0019	P	0.8
3	☐	50.000	53.127	2488577.29	0.0936	A	4.3
4	☐	125.000	130.356	6206560.67	0.2295	A	0.3
5	☐	250.000	259.271	12260679.81	0.4564	A	1.3
6	☐	500.000	503.030	24220931.86	0.8854	A	1.5
7	☐	1000.000	995.341	48026784.84	1.7517	A	1.2
8	☐			135372.81	0.0053	P	0.9

$$y = 0.0018 * x + 1.4531E-004$$

$$R = 0.9999$$

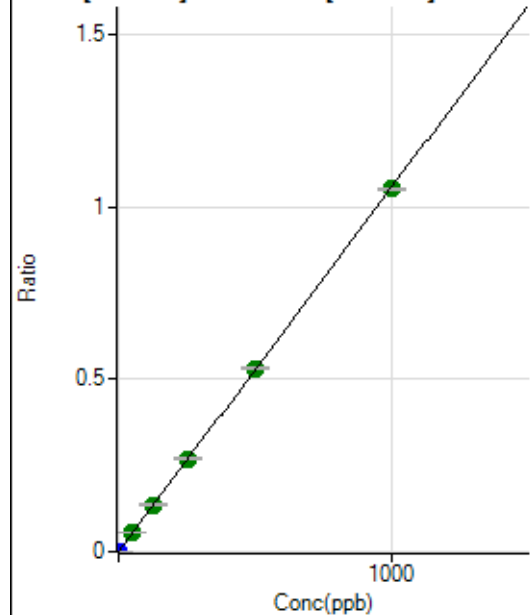
$$DL = 0.01261$$

$$BEC = 0.08257$$

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	874.48	0.0000	P	5.1
2	☐	1.000	0.965	28598.19	0.0011	P	1.5
3	☐	50.000	53.235	1494474.75	0.0562	A	4.7
4	☐	125.000	129.304	3691662.38	0.1365	A	2.0
5	☐	250.000	255.416	7245836.28	0.2697	A	0.9
6	☐	500.000	503.648	14548074.50	0.5318	A	1.0
7	☐	1000.000	996.122	28835221.79	1.0517	A	0.2
8	☐			11647.15	0.0005	P	2.3

$$y = 0.0011 * x + 3.3147E-005$$

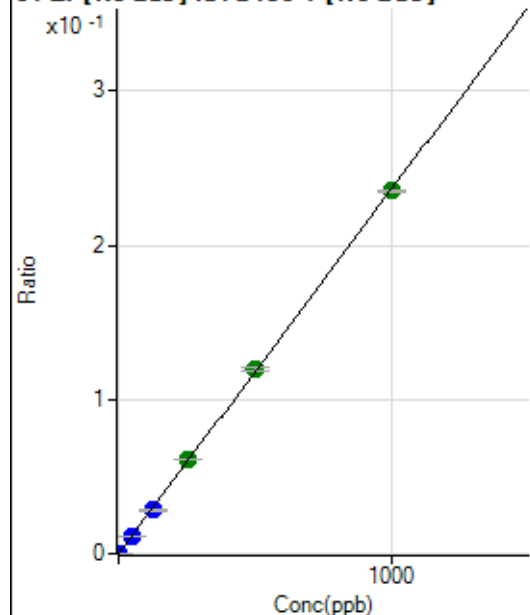
$$R = 1.0000$$

$$DL = 0.004825$$

$$BEC = 0.0314$$

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	210.01	0.0000	P	15.7
2	☐	1.000	0.956	6352.62	0.0002	P	0.8
3	☐	50.000	48.547	305017.48	0.0115	P	4.4
4	☐	125.000	118.753	758722.32	0.0281	P	1.3
5	☐	250.000	259.065	1644406.61	0.0612	A	0.5
6	☐	500.000	506.064	3271131.90	0.1196	A	1.4
7	☐	1000.000	995.555	6448616.22	0.2352	A	0.7
8	☐			3023.69	0.0001	P	2.8

$$y = 2.3624\text{E-}004 * x + 7.9486\text{E-}006$$

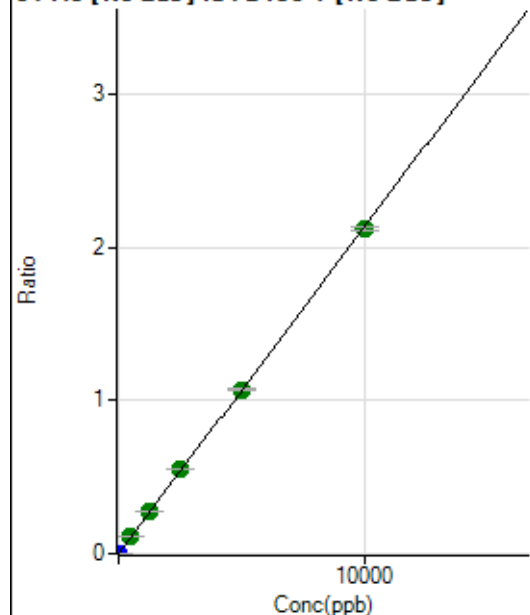
$$R = 0.9999$$

$$DL = 0.01586$$

$$BEC = 0.03365$$

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	594.46	0.0000	P	7.8
2	☐	5.000	5.795	34165.24	0.0013	P	1.4
3	☐	500.000	532.234	3012872.45	0.1134	A	5.7
4	☐	1250.000	1287.030	7413337.53	0.2742	A	1.2
5	☐	2500.000	2574.459	14734205.47	0.5484	A	0.7
6	☐	5000.000	5031.254	29323038.17	1.0718	A	0.7
7	☐	10000.000	9959.517	58170800.80	2.1216	A	0.8
8	☐			28800.96	0.0011	P	1.2

$$y = 2.1302\text{E-}004 * x + 2.2538\text{E-}005$$

$$R = 1.0000$$

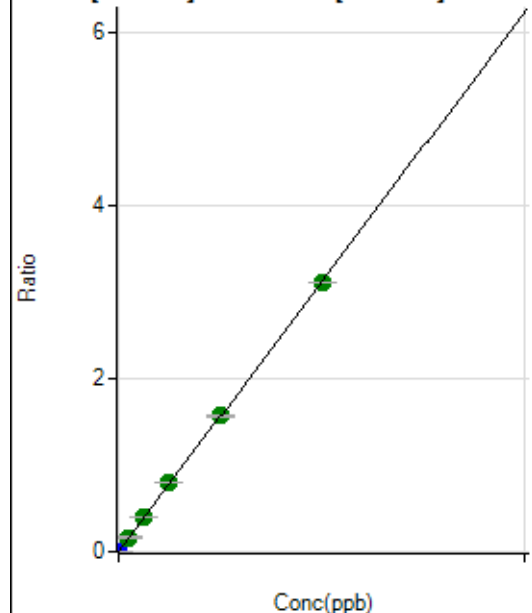
$$DL = 0.02466$$

$$BEC = 0.1058$$

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	654.47	0.0000	P	2.0
2	☐	5.000	4.898	42192.63	0.0016	P	0.7
3	☐	500.000	524.428	4346442.57	0.1636	A	5.3
4	☐	1250.000	1280.208	10795405.26	0.3993	A	1.5
5	☐	2500.000	2549.921	21365112.74	0.7953	A	1.0
6	☐	5000.000	5024.763	42874799.36	1.5671	A	0.7
7	☐	10000.000	9970.141	85253950.95	3.1095	A	0.5
8	☐			41905.21	0.0016	P	1.9

$$y = 3.1187\text{E-}004 * x + 2.4791\text{E-}005$$

$$R = 1.0000$$

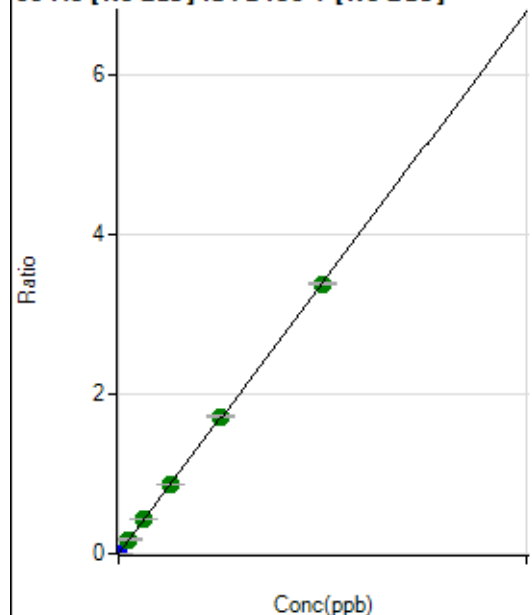
$$DL = 0.004878$$

$$BEC = 0.07949$$

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	718.92	0.0000	P	5.3
2	☐	5.000	4.935	46314.63	0.0017	P	1.3
3	☐	500.000	529.976	4786443.12	0.1801	A	4.0
4	☐	1250.000	1296.296	11908328.99	0.4404	A	1.1
5	☐	2500.000	2557.289	23342145.21	0.8689	A	0.4
6	☐	5000.000	5049.289	46930183.19	1.7155	A	1.7
7	☐	10000.000	9953.747	92721194.17	3.3818	A	0.7
8	☐			46252.19	0.0018	P	2.6

$$y = 3.3975\text{E-}004 * x + 2.7251\text{E-}005$$

$$R = 1.0000$$

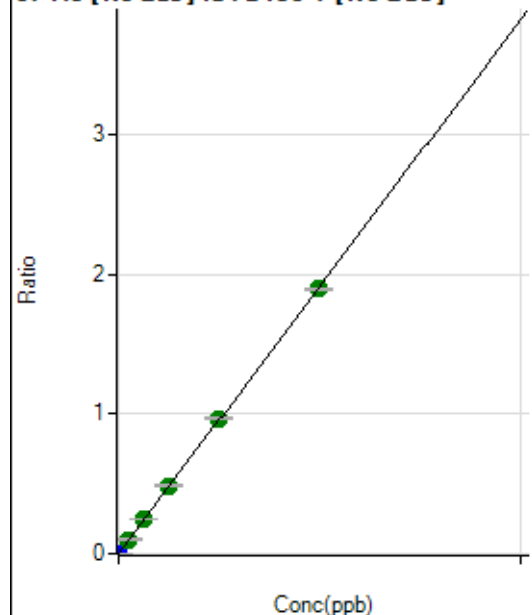
$$DL = 0.01283$$

$$BEC = 0.08021$$

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	363.34	0.0000	P	20.1
2	☐	5.000	4.918	25893.04	0.0010	P	0.7
3	☐	500.000	536.113	2720539.34	0.1023	A	3.7
4	☐	1250.000	1280.328	6608166.36	0.2444	A	1.0
5	☐	2500.000	2556.043	13107439.11	0.4879	A	1.2
6	☐	5000.000	5063.043	26439349.61	0.9665	A	1.8
7	☐	10000.000	9948.871	52070748.11	1.8991	A	0.9
8	☐			25306.43	0.0010	P	1.2

$$y = 1.9089\text{E-}004 * x + 1.3787\text{E-}005$$

$$R = 1.0000$$

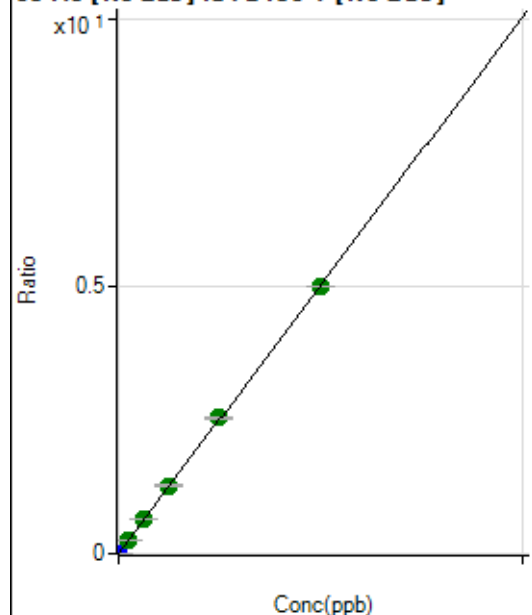
$$DL = 0.04349$$

$$BEC = 0.07223$$

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	981.16	0.0000	P	1.4
2	☐	5.000	4.832	66988.44	0.0025	P	1.4
3	☐	500.000	524.845	7007309.06	0.2637	A	4.5
4	☐	1250.000	1291.352	17538794.32	0.6487	A	1.3
5	☐	2500.000	2540.383	34281523.65	1.2761	A	0.7
6	☐	5000.000	5068.119	69645323.41	2.5458	A	1.6
7	☐	10000.000	9949.434	137027799.0	4.9977	A	0.2
8	☐			63544.71	0.0025	P	1.7

$$y = 5.0231\text{E-}004 * x + 3.7170\text{E-}005$$

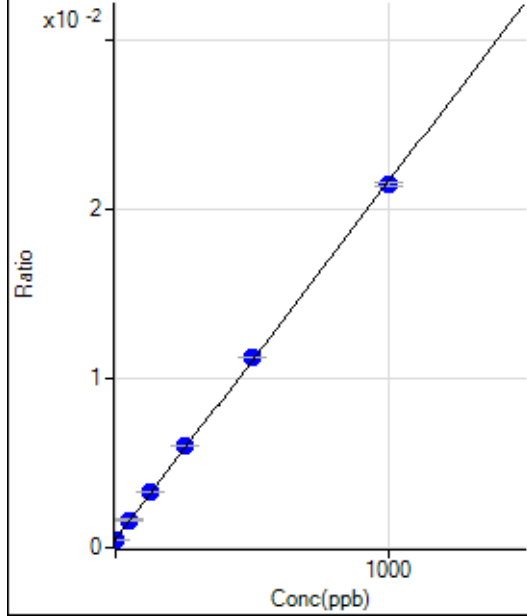
$$R = 1.0000$$

$$DL = 0.003176$$

$$BEC = 0.074$$

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	9881.41	0.0005	P	2.1
2	☐	1.000	0.233	10346.17	0.0005	P	2.3
3	☐	50.000	53.804	33728.97	0.0016	P	3.1
4	☐	125.000	133.697	68895.31	0.0033	P	0.9
5	☐	250.000	262.717	126029.37	0.0060	P	0.6
6	☐	500.000	509.705	237834.41	0.0113	P	0.3
7	☐	1000.000	990.692	454569.32	0.0215	P	1.0
8	☐			9130.87	0.0005	P	2.1

$$y = 2.1167\text{E-}005 * x + 4.8735\text{E-}004$$

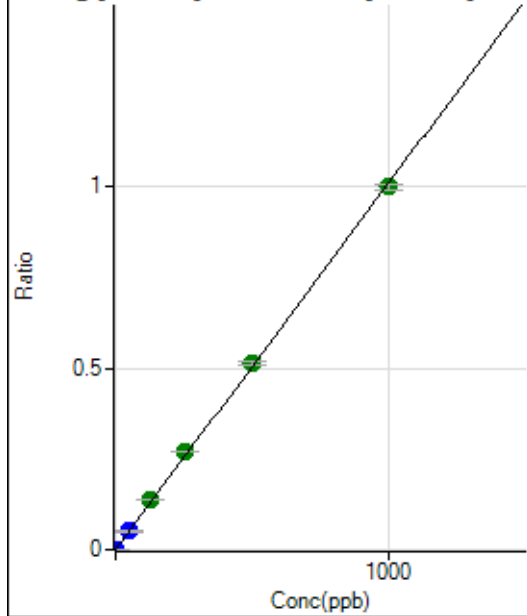
$$R = 0.9998$$

$$DL = 1.476$$

$$BEC = 23.02$$

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	168.89	0.0000	P	13.2
2	☐	1.000	0.950	20325.03	0.0010	P	1.9
3	☐	50.000	50.320	1052724.23	0.0508	P	4.4
4	☐	125.000	138.294	2897659.96	0.1395	A	0.3
5	☐	250.000	266.133	5594439.01	0.2685	A	0.8
6	☐	500.000	508.331	10815380.12	0.5128	A	1.3
7	☐	1000.000	990.124	21160096.35	0.9988	A	1.5
8	☐			3231.53	0.0002	P	8.4

$$y = 0.0010 * x + 8.3333\text{E-}006$$

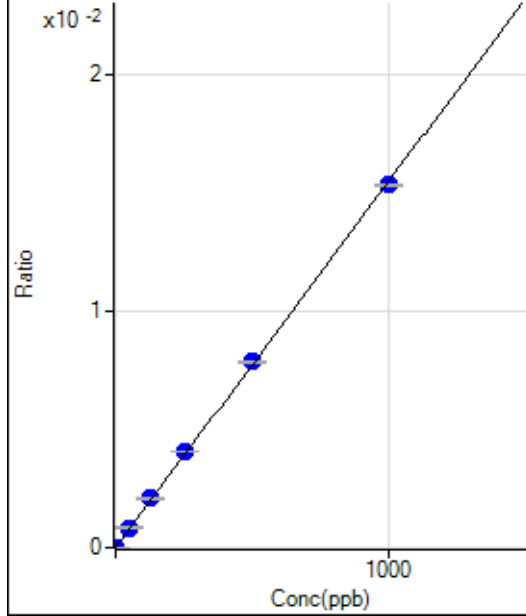
$$R = 0.9997$$

$$DL = 0.003263$$

$$BEC = 0.008261$$

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	34.44	0.0000	P	55.4
2	☐	1.000	1.101	393.34	0.0000	P	6.0
3	☐	50.000	54.440	17470.04	0.0008	P	4.6
4	☐	125.000	134.787	43274.49	0.0021	P	3.0
5	☐	250.000	262.503	84526.95	0.0041	P	0.5
6	☐	500.000	507.964	165523.91	0.0078	P	0.7
7	☐	1000.000	991.447	324480.38	0.0153	P	0.8
8	☐			227.78	0.0000	P	10.0

$$y = 1.5447\text{E-}005 * x + 1.7032\text{E-}006$$

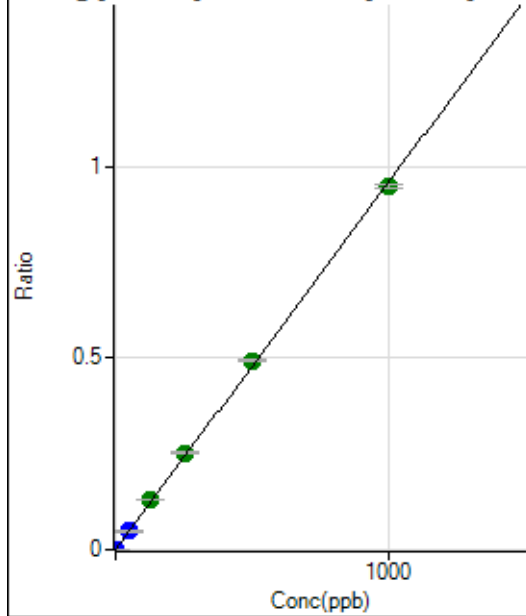
$$R = 0.9998$$

$$DL = 0.1832$$

$$BEC = 0.1103$$

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	53.33	0.0000	P	16.9
2	☐	1.000	0.938	18959.79	0.0009	P	0.8
3	☐	50.000	50.266	999324.24	0.0482	P	4.2
4	☐	125.000	136.074	2709510.44	0.1305	A	1.1
5	☐	250.000	264.333	5280821.69	0.2534	A	0.4
6	☐	500.000	514.181	10396974.36	0.4930	A	1.1
7	☐	1000.000	987.929	20066455.81	0.9472	A	0.9
8	☐			3130.39	0.0002	P	4.0

$$y = 9.5873\text{E-}004 * x + 2.6314\text{E-}006$$

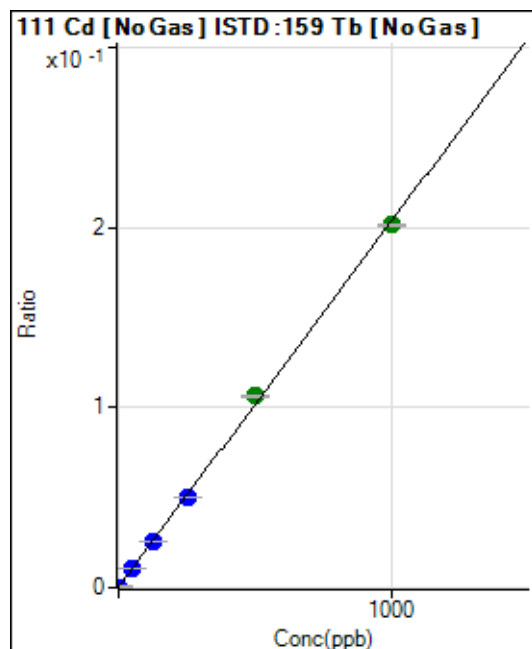
$$R = 0.9997$$

$$DL = 0.001393$$

$$BEC = 0.002745$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6919.55	0.0003	P	2.0
2	☐	1.000	0.949	11227.68	0.0005	P	1.2
3	☐	50.000	50.431	219643.59	0.0106	P	4.0
4	☐	125.000	125.646	537541.94	0.0259	P	0.9
5	☐	250.000	244.464	1042599.51	0.0500	P	0.6
6	☐	500.000	522.239	2246175.08	0.1065	A	0.9
7	☐	1000.000	990.162	4271338.93	0.2016	A	0.8
8	☐			7258.88	0.0004	P	2.5

$$y = 2.0328\text{E-}004 * x + 3.4127\text{E-}004$$

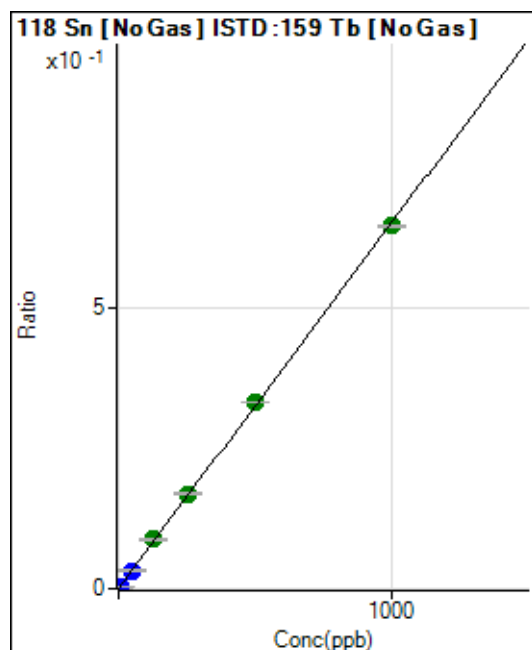
$$R = 0.9996$$

$$DL = 0.09847$$

$$BEC = 1.679$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6200.38	0.0003	P	3.0
2	☐	5.000	4.928	73881.12	0.0035	P	1.1
3	☐	50.000	49.316	672485.15	0.0324	P	3.6
4	☐	125.000	134.130	1820771.15	0.0877	A	1.5
5	☐	250.000	259.178	3524021.96	0.1691	A	0.7
6	☐	500.000	509.368	7004291.21	0.3321	A	0.2
7	☐	1000.000	991.915	13694085.77	0.6464	A	0.3
8	☐			7599.95	0.0004	P	5.2

$$y = 6.5134\text{E-}004 * x + 3.0578\text{E-}004$$

$$R = 0.9998$$

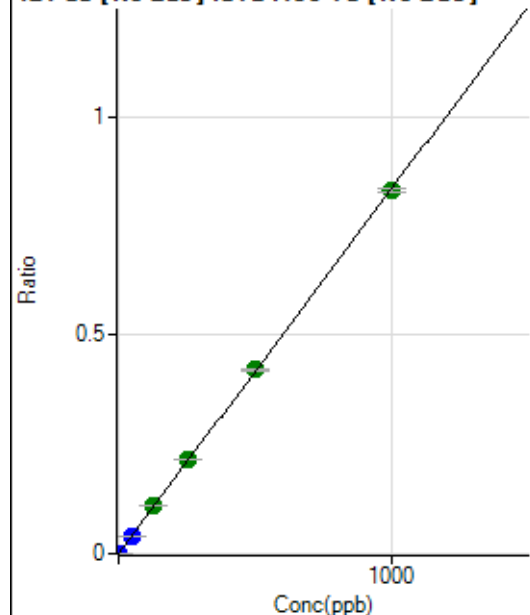
$$DL = 0.04246$$

$$BEC = 0.4695$$

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	127.78	0.0000	P	17.8
2	☐	2.000	1.958	34454.48	0.0016	P	1.3
3	☐	50.000	48.573	840088.30	0.0405	P	4.1
4	☐	125.000	132.911	2302256.79	0.1109	A	1.1
5	☐	250.000	259.136	4503445.70	0.2161	A	0.5
6	☐	500.000	504.478	8873833.55	0.4207	A	0.6
7	☐	1000.000	994.560	17572291.96	0.8295	A	0.9
8	☐			6755.07	0.0003	P	5.0

$$y = 8.3398\text{E-}004 * x + 6.2965\text{E-}006$$

$$R = 0.9999$$

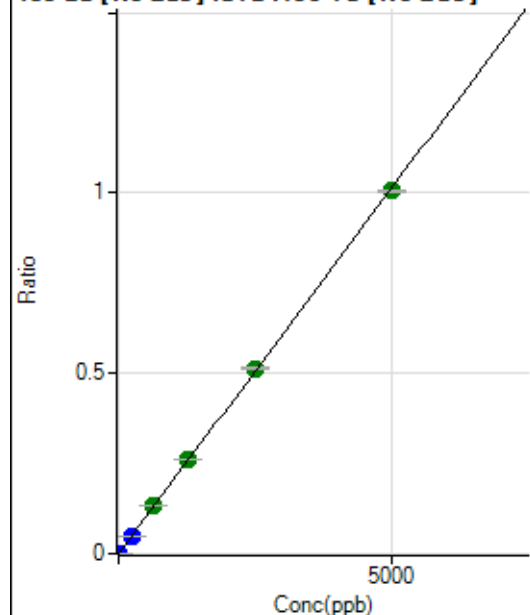
$$DL = 0.004021$$

$$BEC = 0.00755$$

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	370.01	0.0000	P	10.2
2	☐	10.000	9.717	41734.10	0.0020	P	1.8
3	☐	250.000	240.819	1011497.34	0.0488	P	4.3
4	☐	625.000	663.545	2791024.79	0.1344	A	0.9
5	☐	1250.000	1291.536	5449976.24	0.2615	A	0.4
6	☐	2500.000	2538.661	10841851.23	0.5141	A	1.8
7	☐	5000.000	4965.927	21303951.35	1.0056	A	0.6
8	☐			12406.89	0.0006	P	6.0

$$y = 2.0249\text{E-}004 * x + 1.8249\text{E-}005$$

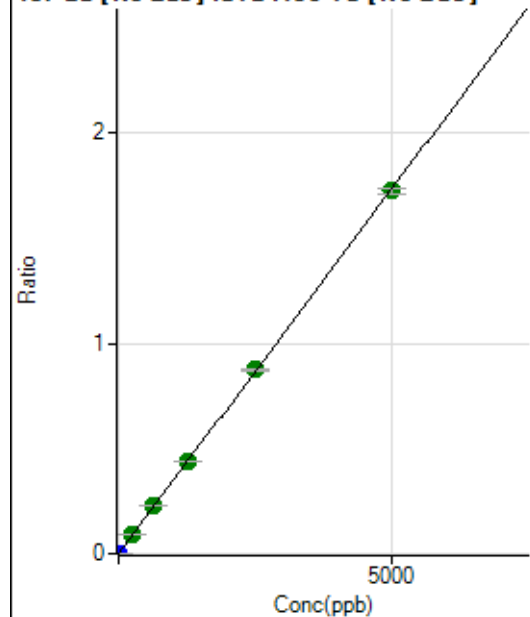
$$R = 0.9999$$

$$DL = 0.02752$$

$$BEC = 0.09012$$

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	587.80	0.0000	P	7.4
2	☐	10.000	9.792	71912.88	0.0034	P	1.7
3	☐	250.000	264.893	1903314.27	0.0918	A	5.0
4	☐	625.000	657.235	4730120.03	0.2278	A	0.5
5	☐	1250.000	1272.599	9188548.20	0.4410	A	0.5
6	☐	2500.000	2524.358	18446773.34	0.8747	A	1.6
7	☐	5000.000	4977.398	36535090.01	1.7246	A	1.7
8	☐			21287.94	0.0011	P	6.1

$$y = 3.4648\text{E-}004 * x + 2.8991\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01854$$

$$BEC = 0.08367$$

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	☐			16.67		P	NaN
3	☐			84.44		P	14.9
4	☐			243.34		P	6.0
5	☐			443.35		P	5.3
6	☐			904.48		P	6.6
7	☐			1800.14		P	2.9
8	☐			424.46		P	12.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.2
2	☐			4.44		P	43.4
3	☐			8.89		P	21.6
4	☐			22.22		P	8.7
5	☐			25.56		P	30.1
6	☐			44.44		P	22.9
7	☐			93.34		P	30.9
8	☐			73.33		P	7.9

156 Dy [No Gas] No available calibration points

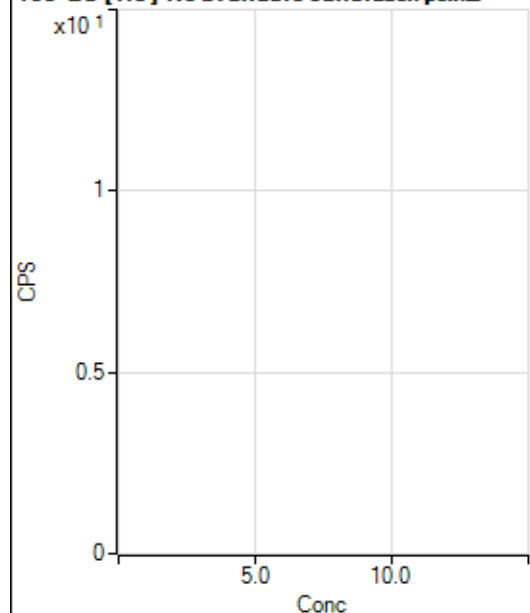
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			271.12		P	12.1
2	☐			307.79		P	18.5
3	☐			276.67		P	7.9
4	☐			313.34		P	6.6
5	☐			342.23		P	10.2
6	☐			367.79		P	3.7
7	☐			691.14		P	13.0
8	☐			670.03		P	10.6

156 Dy [He] No available calibration points

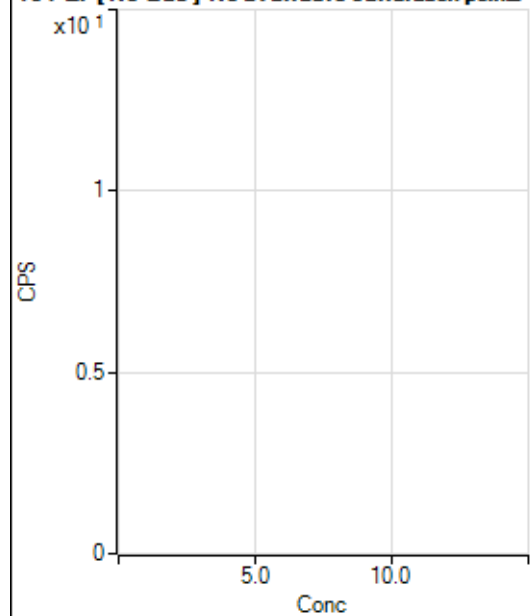
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			8.89		P	94.4
3	☐			13.33		P	50.0
4	☐			7.78		P	49.5
5	☐			16.67		P	80.0
6	☐			33.33		P	26.4
7	☐			55.56		P	38.6
8	☐			157.78		P	15.0

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.00		P	8.3
2	☐			111.11		P	8.7
3	☐			93.33		P	3.6
4	☐			115.56		P	20.5
5	☐			112.22		P	26.8
6	☐			185.56		P	6.8
7	☐			256.67		P	10.3
8	☐			543.35		P	9.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	47.2
2	☐			23.33		P	14.3
3	☐			10.00		P	88.2
4	☐			17.78		P	65.8
5	☐			21.11		P	55.4
6	☐			53.34		P	28.6
7	☐			70.00		P	25.2
8	☐			184.45		P	8.5

164 Er [No Gas] No available calibration points

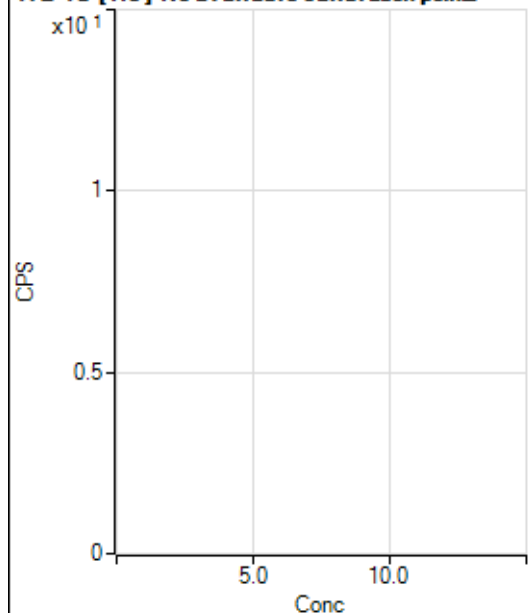
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			81.11		P	18.5
2	☐			114.45		P	26.4
3	☐			108.89		P	13.8
4	☐			114.44		P	16.6
5	☐			161.11		P	10.6
6	☐			231.11		P	12.4
7	☐			341.12		P	16.2
8	☐			696.69		P	6.7

164 Er [He] No available calibration points

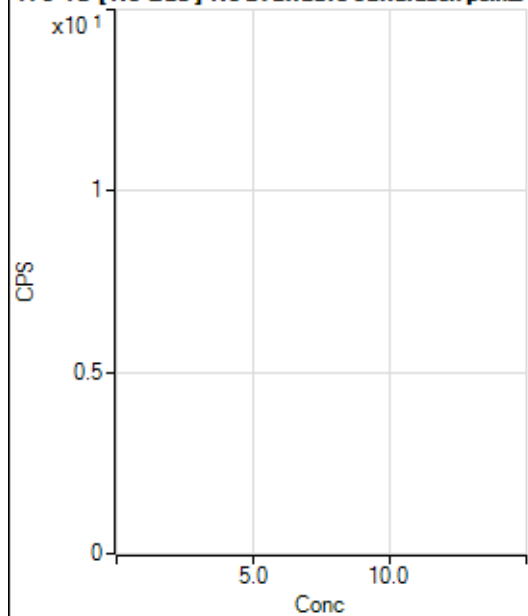
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.34		P	24.7
2	☐			21.11		P	32.9
3	☐			28.89		P	35.2
4	☐			34.44		P	14.8
5	☐			36.67		P	50.6
6	☐			91.11		P	35.5
7	☐			121.11		P	26.7
8	☐			228.89		P	8.0

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	32.5
2	☐			111.12		P	17.6
3	☐			116.67		P	34.6
4	☐			126.67		P	14.7
5	☐			180.00		P	8.1
6	☐			233.34		P	6.2
7	☐			352.23		P	12.0
8	☐			1155.62		P	4.1

172 Yb [He] No available calibration points

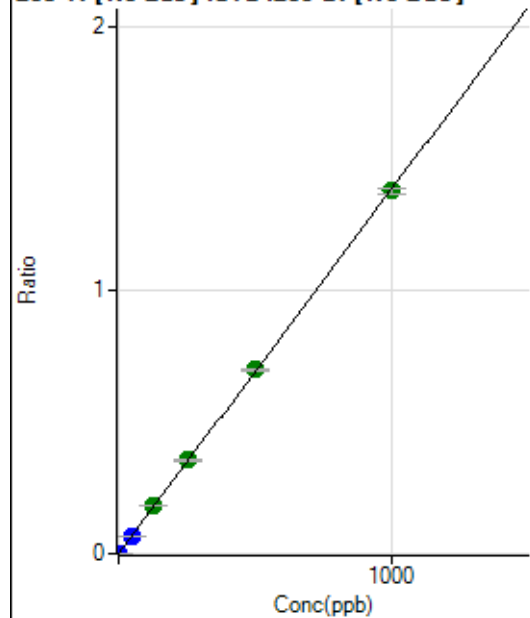
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	11.2
2	☐			36.67		P	15.7
3	☐			45.56		P	25.7
4	☐			55.56		P	9.2
5	☐			42.22		P	47.6
6	☐			95.56		P	23.2
7	☐			140.00		P	16.5
8	☐			428.90		P	13.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2736.99		P	2.0
2	☐			2790.33		P	3.2
3	☐			6360.47		P	2.7
4	☐			12057.84		P	2.1
5	☐			21209.37		P	2.0
6	☐			39276.03		P	0.9
7	☐			75591.40		P	1.1
8	☐			3251.54		P	0.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			481.12		P	5.6
2	☐			406.68		P	5.7
3	☐			1505.66		P	7.6
4	☐			3180.42		P	3.9
5	☐			6043.66		P	2.8
6	☐			11755.32		P	1.3
7	☐			23008.96		P	0.8
8	☐			638.91		P	10.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	290.01	0.0000	P	4.4
2	☐	1.000	0.909	16644.07	0.0013	P	1.3
3	☐	50.000	46.736	827721.27	0.0646	P	3.0
4	☐	125.000	130.778	2304324.13	0.1807	A	0.4
5	☐	250.000	256.809	4489817.33	0.3549	A	0.8
6	☐	500.000	504.169	8760961.33	0.6967	A	1.3
7	☐	1000.000	995.654	17068235.86	1.3759	A	1.9
8	☐			1282.30	0.0001	P	12.4

$$y = 0.0014 * x + 2.2743E-005$$

$$R = 0.9999$$

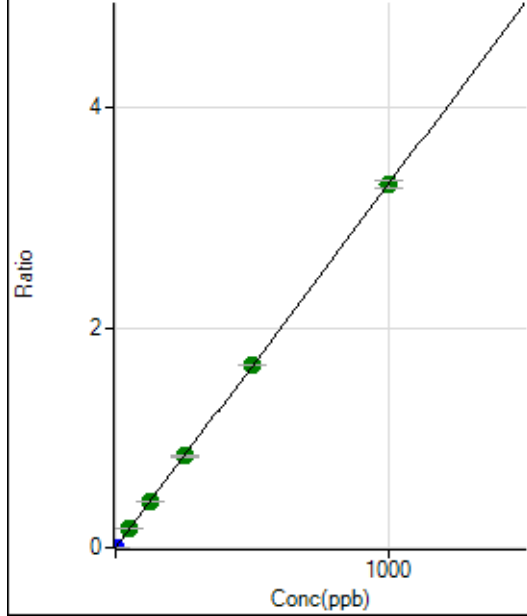
$$DL = 0.002158$$

$$BEC = 0.01646$$

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	647.80	0.0001	P	2.2
2	☐	1.000	0.901	39364.01	0.0030	P	0.7
3	☐	50.000	51.756	2190093.20	0.1710	A	3.4
4	☐	125.000	129.025	5432561.17	0.4261	A	0.8
5	☐	250.000	251.855	10522195.88	0.8317	A	0.9
6	☐	500.000	501.608	20829050.11	1.6564	A	0.5
7	☐	1000.000	998.141	40886760.22	3.2960	A	2.3
8	☐			3082.62	0.0003	P	13.6

$$y = 0.0033 * x + 5.0822E-005$$

$$R = 1.0000$$

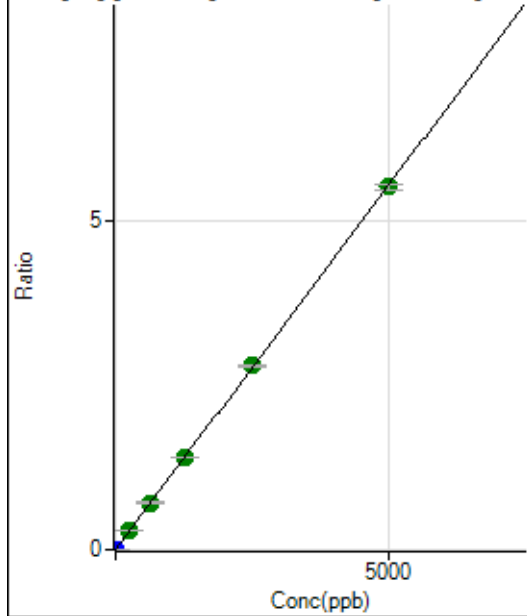
$$DL = 0.001027$$

$$BEC = 0.01539$$

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	1533.45	0.0001	P	2.5
2	☐	1.000	0.937	15096.67	0.0012	P	1.2
3	☐	250.000	260.948	3713106.78	0.2898	A	2.9
4	☐	625.000	645.612	9139139.24	0.7168	A	1.0
5	☐	1250.000	1274.310	17898666.82	1.4148	A	0.6
6	☐	2500.000	2522.052	35208310.59	2.8000	A	1.4
7	☐	5000.000	4979.772	68583821.75	5.5284	A	1.2
8	☐			10647.80	0.0010	P	6.1

$$y = 0.0011 * x + 1.2025E-004$$

$$R = 1.0000$$

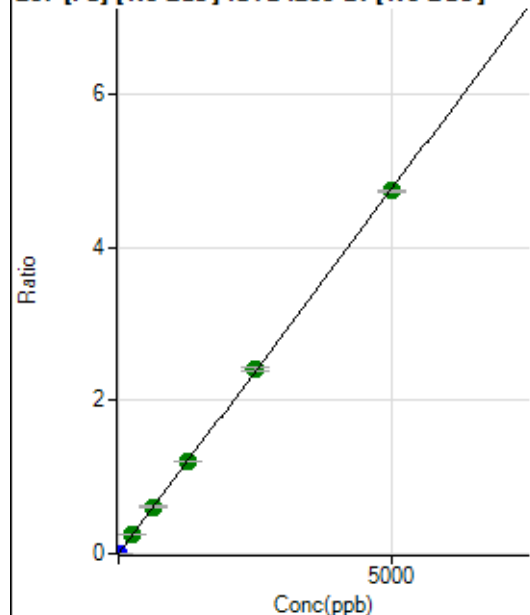
$$DL = 0.008018$$

$$BEC = 0.1083$$

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	1284.52	0.0001	P	3.5
2	☐	1.000	0.940	12950.99	0.0010	P	1.1
3	☐	250.000	261.206	3188047.87	0.2489	A	3.4
4	☐	625.000	644.484	7826268.08	0.6139	A	1.4
5	☐	1250.000	1274.018	15351022.41	1.2134	A	0.7
6	☐	2500.000	2529.585	30293501.77	2.4091	A	1.6
7	☐	5000.000	4976.207	58798308.01	4.7391	A	0.5
8	☐			9167.77	0.0009	P	8.1

$$y = 9.5233\text{E-}004 * x + 1.0072\text{E-}004$$

$$R = 1.0000$$

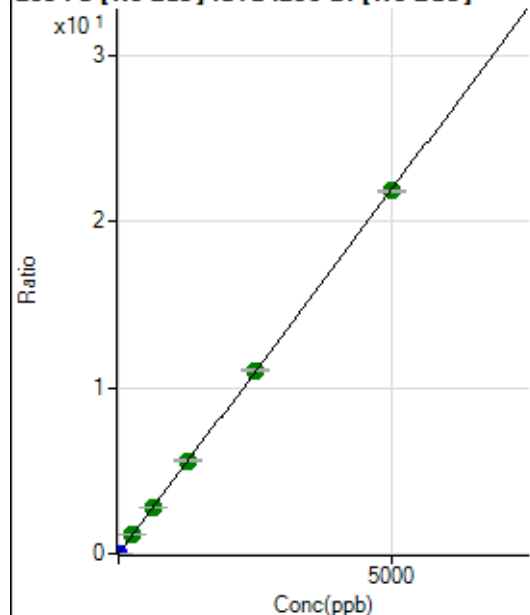
$$DL = 0.01114$$

$$BEC = 0.1058$$

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	5841.69	0.0005	P	2.0
2	☐	1.000	0.933	59220.68	0.0046	P	0.6
3	☐	250.000	259.472	14598083.77	1.1395	A	3.2
4	☐	625.000	642.861	35984450.09	2.8225	A	0.9
5	☐	1250.000	1277.000	70924572.00	5.6062	A	0.7
6	☐	2500.000	2515.194	138843186.8	11.0416	A	1.3
7	☐	5000.000	4982.947	271384069.8	21.8744	A	0.6
8	☐			42221.70	0.0040	P	5.4

$$y = 0.0044 * x + 4.5821\text{E-}004$$

$$R = 1.0000$$

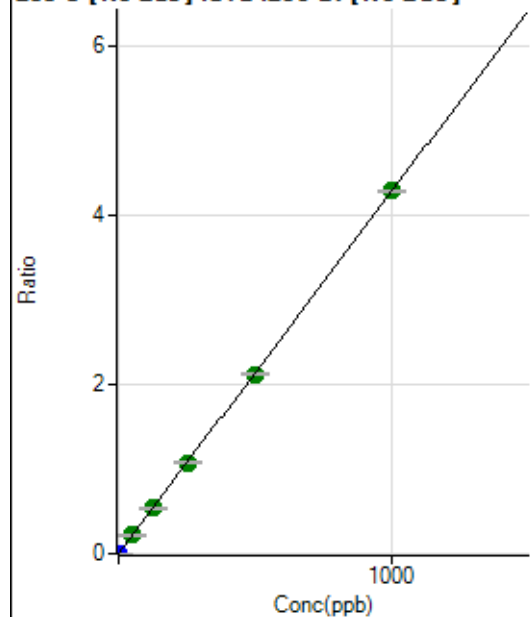
$$DL = 0.006205$$

$$BEC = 0.1044$$

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	100.00	0.0000	P	1.6
2	☐	1.000	0.901	50322.52	0.0039	P	1.6
3	☐	50.000	50.956	2797116.83	0.2184	A	4.4
4	☐	125.000	124.998	6829496.22	0.5357	A	0.9
5	☐	250.000	251.759	13649273.55	1.0789	A	0.7
6	☐	500.000	495.309	26691362.66	2.1226	A	0.6
7	☐	1000.000	1001.859	53269439.76	4.2934	A	0.3
8	☐			2103.54	0.0002	P	17.1

$$y = 0.0043 * x + 7.8451E-006$$

$$R = 1.0000$$

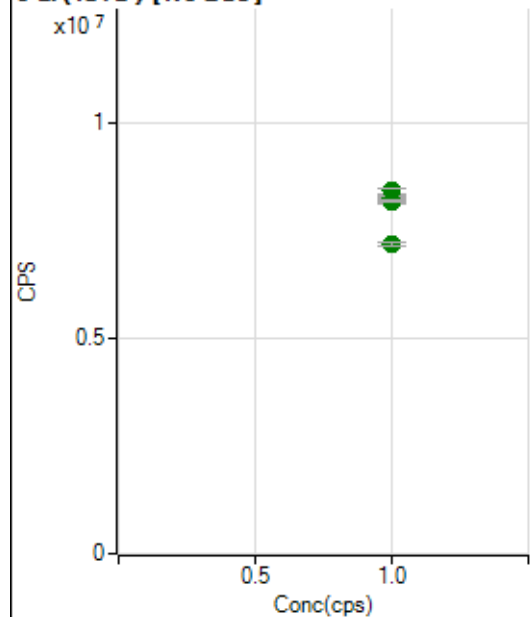
$$DL = 8.561E-05$$

$$BEC = 0.001831$$

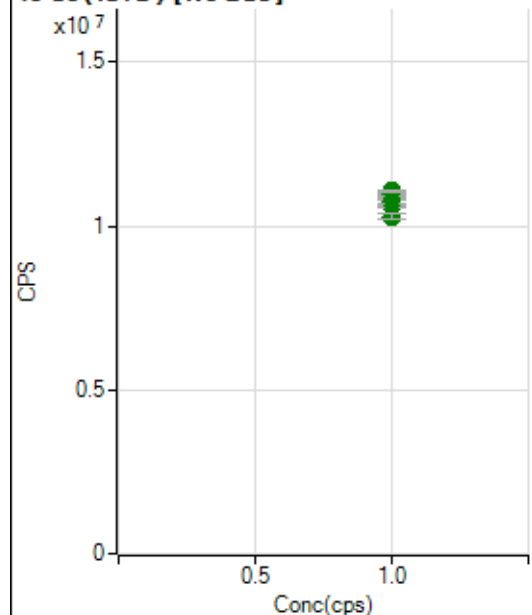
Weight: <None>

Min Conc: 0

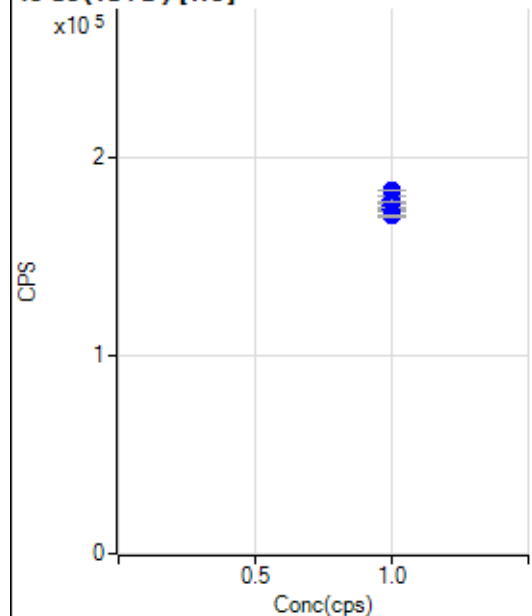
6 Li (ISTD) [No Gas]



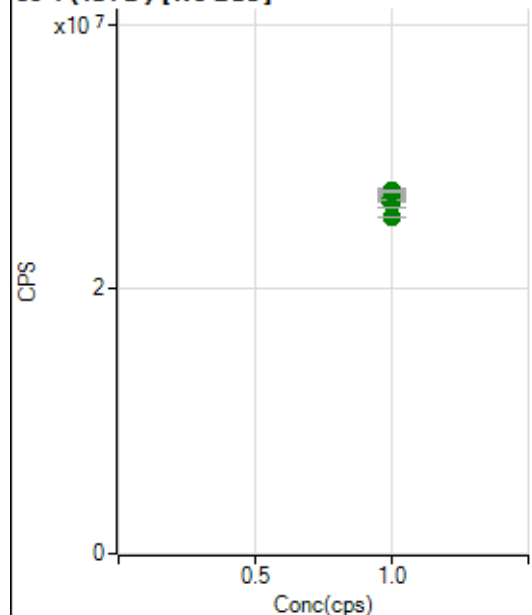
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8231954.04		A	1.2
2	☐	1.000		8439586.73		A	1.9
3	☐	1.000		8266478.37		A	2.7
4	☐	1.000		8294415.61		A	1.2
5	☐	1.000		8289209.39		A	0.6
6	☐	1.000		8263035.37		A	0.9
7	☐	1.000		8199203.45		A	0.5
8	☐	1.000		7205340.33		A	0.9

45 Sc (ISTD) [No Gas]

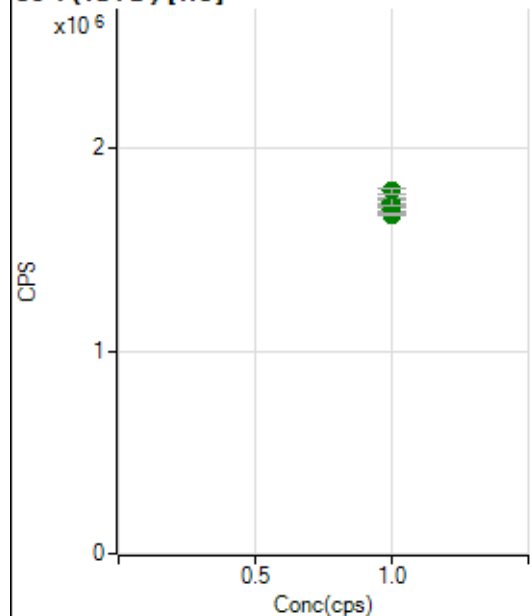
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10614872.90		A	0.4
2	☐	1.000		11027044.28		A	0.6
3	☐	1.000		10766887.48		A	3.0
4	☐	1.000		10740642.69		A	1.0
5	☐	1.000		10848302.89		A	0.1
6	☐	1.000		10989089.70		A	1.0
7	☐	1.000		11074135.25		A	0.6
8	☐	1.000		10298446.24		A	1.3

45 Sc (ISTD) [He]

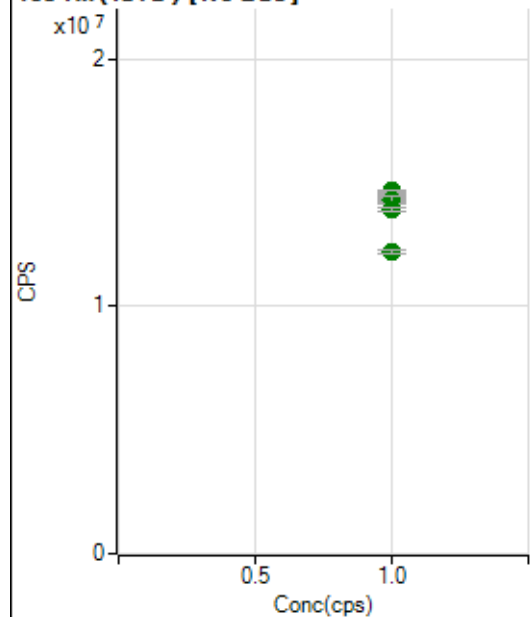
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		173463.06		P	0.5
2	☐	1.000		177625.76		P	0.8
3	☐	1.000		176283.48		P	1.2
4	☐	1.000		174337.79		P	1.1
5	☐	1.000		177606.92		P	0.1
6	☐	1.000		179190.96		P	1.3
7	☐	1.000		183415.54		P	0.1
8	☐	1.000		170887.76		P	0.5

89 Y (ISTD) [No Gas]

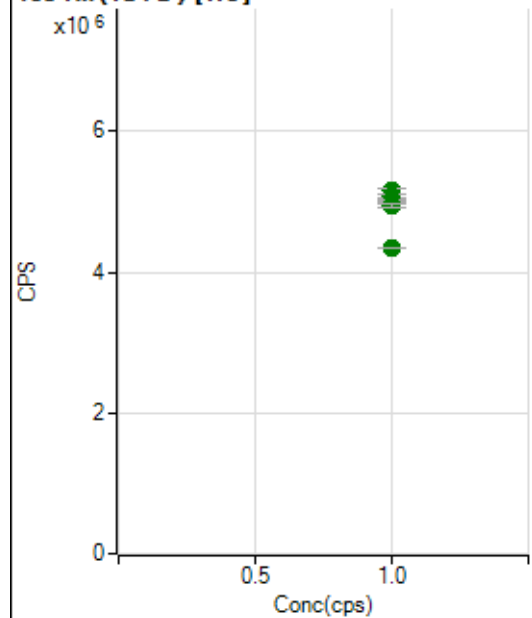
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26394439.89		A	1.4
2	☐	1.000		27181561.26		A	0.7
3	☐	1.000		26603454.60		A	3.5
4	☐	1.000		27038807.65		A	0.9
5	☐	1.000		26865745.44		A	1.0
6	☐	1.000		27360740.70		A	1.5
7	☐	1.000		27417980.98		A	0.4
8	☐	1.000		25440792.12		A	0.4

89 Y (ISTD) [He]

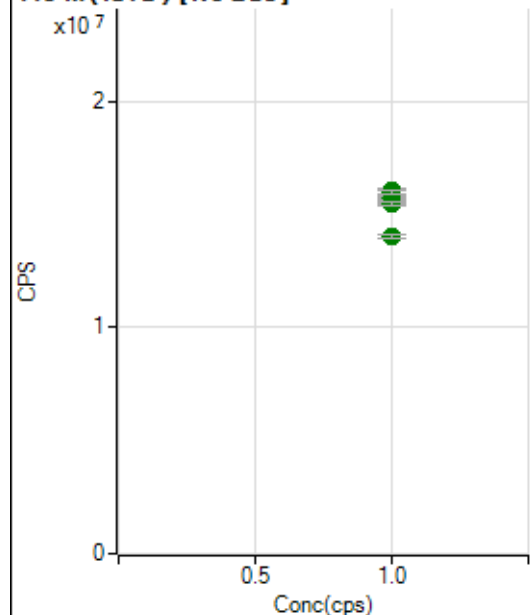
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1676371.61		A	0.9
2	☐	1.000		1718463.67		A	0.9
3	☐	1.000		1698386.48		A	1.2
4	☐	1.000		1684096.47		A	0.4
5	☐	1.000		1727414.89		A	1.6
6	☐	1.000		1732839.05		A	2.5
7	☐	1.000		1788713.01		A	1.3
8	☐	1.000		1672372.25		A	0.8

103 Rh (ISTD) [No Gas]

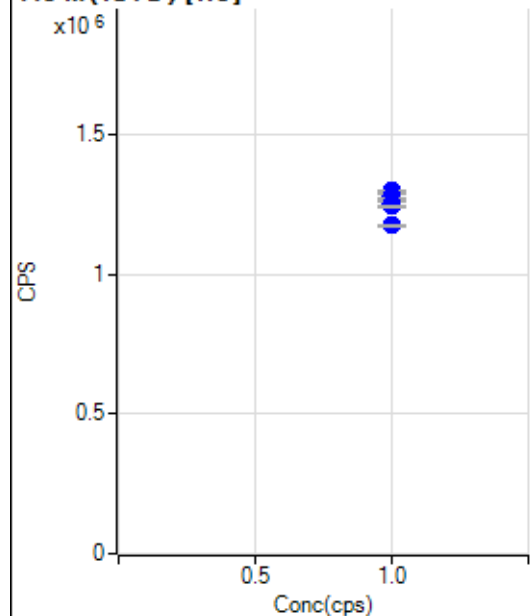
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14352338.54		A	0.5
2	☐	1.000		14663996.87		A	0.7
3	☐	1.000		14336088.95		A	2.9
4	☐	1.000		14260988.40		A	0.7
5	☐	1.000		14113150.21		A	1.2
6	☐	1.000		14296557.29		A	1.9
7	☐	1.000		13924772.85		A	1.1
8	☐	1.000		12229167.88		A	1.1

103 Rh (ISTD) [He]

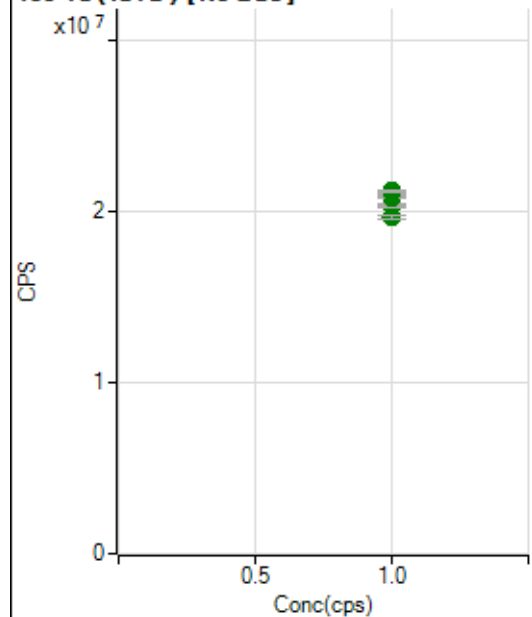
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5046758.78		A	0.8
2	☐	1.000		5155036.94		A	1.3
3	☐	1.000		5080393.36		A	1.3
4	☐	1.000		5006099.75		A	0.2
5	☐	1.000		5017289.93		A	0.4
6	☐	1.000		4940260.07		A	1.4
7	☐	1.000		4954116.42		A	1.2
8	☐	1.000		4339050.38		A	0.2

115 In (ISTD) [No Gas]

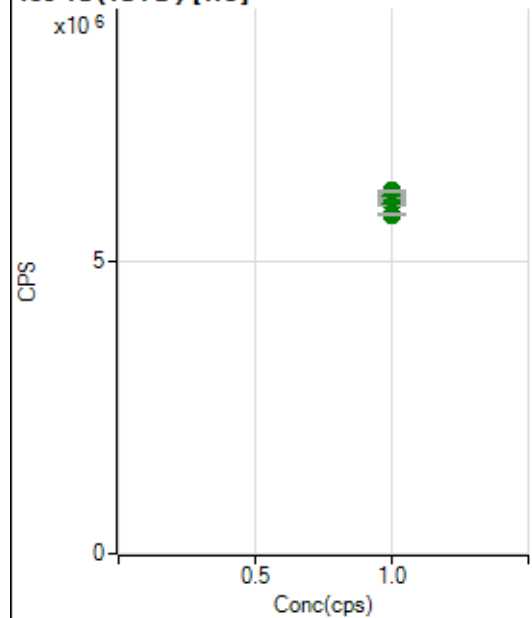
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15606569.79		A	1.3
2	☐	1.000		16031814.33		A	1.5
3	☐	1.000		15601792.21		A	3.1
4	☐	1.000		15734142.57		A	0.7
5	☐	1.000		15552600.10		A	0.5
6	☐	1.000		15954879.83		A	0.9
7	☐	1.000		15434577.51		A	1.2
8	☐	1.000		14039216.67		A	1.2

115 In (ISTD) [He]

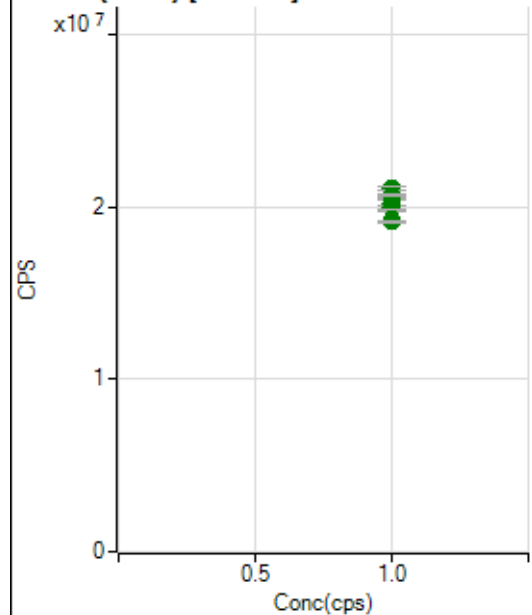
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1259596.23		P	0.3
2	☐	1.000		1297527.78		P	0.4
3	☐	1.000		1277750.62		P	0.8
4	☐	1.000		1260809.50		P	0.5
5	☐	1.000		1271318.32		P	0.1
6	☐	1.000		1253131.76		P	1.4
7	☐	1.000		1243709.43		P	0.7
8	☐	1.000		1175250.28		P	0.6

159 Tb (ISTD) [No Gas]

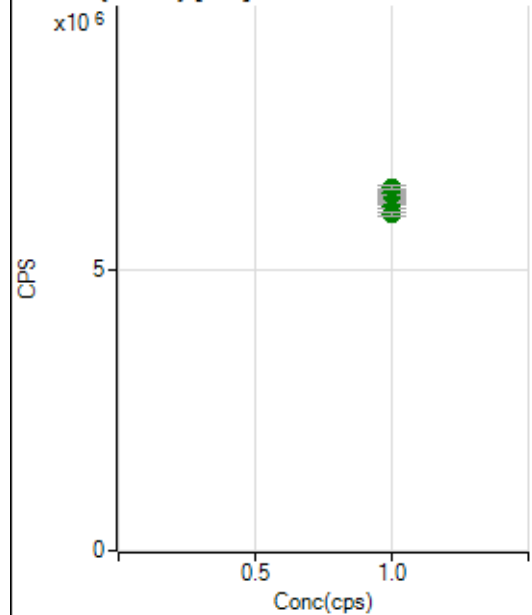
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20277996.78		A	0.8
2	☐	1.000		21016217.74		A	0.5
3	☐	1.000		20754911.08		A	3.5
4	☐	1.000		20769054.13		A	0.3
5	☐	1.000		20837691.49		A	0.4
6	☐	1.000		21092126.63		A	1.1
7	☐	1.000		21185931.49		A	0.6
8	☐	1.000		19664599.57		A	0.8

159 Tb (ISTD) [He]

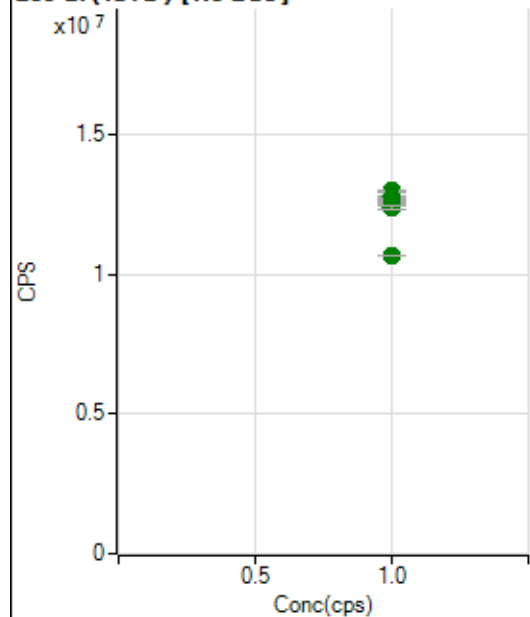
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5967943.03		A	0.3
2	☐	1.000		6140051.36		A	1.2
3	☐	1.000		6104892.55		A	1.3
4	☐	1.000		5978776.58		A	0.7
5	☐	1.000		6072543.87		A	0.7
6	☐	1.000		6117654.35		A	0.8
7	☐	1.000		6198331.16		A	0.9
8	☐	1.000		5795269.08		A	0.6

165 Ho (ISTD) [No Gas]

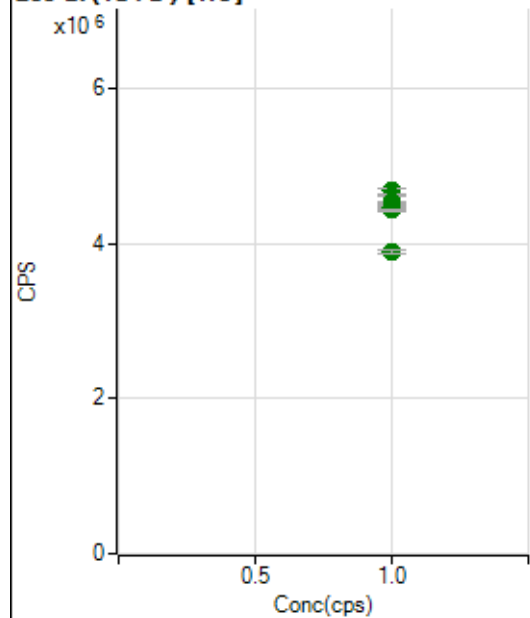
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19950404.56		A	1.7
2	☐	1.000		20391031.64		A	0.3
3	☐	1.000		20190070.12		A	2.8
4	☐	1.000		20463651.22		A	0.4
5	☐	1.000		20556969.56		A	0.7
6	☐	1.000		21045005.24		A	1.1
7	☐	1.000		20688856.08		A	1.0
8	☐	1.000		19134693.74		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6136576.30		A	1.1
2	☐	1.000		6366479.97		A	0.7
3	☐	1.000		6278783.03		A	0.8
4	☐	1.000		6207353.31		A	0.5
5	☐	1.000		6357823.10		A	0.4
6	☐	1.000		6381873.03		A	0.8
7	☐	1.000		6466516.08		A	1.1
8	☐	1.000		5996075.05		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12748799.39		A	1.6
2	☐	1.000		13009537.86		A	0.7
3	☐	1.000		12818326.20		A	2.6
4	☐	1.000		12749379.25		A	0.4
5	☐	1.000		12651213.42		A	0.6
6	☐	1.000		12574748.28		A	0.1
7	☐	1.000		12406970.79		A	1.2
8	☐	1.000		10687891.92		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4523106.39		A	0.4
2	☐	1.000		4675922.26		A	1.5
3	☐	1.000		4618785.45		A	0.8
4	☐	1.000		4533770.25		A	0.4
5	☐	1.000		4477940.98		A	0.6
6	☐	1.000		4464149.66		A	1.5
7	☐	1.000		4425712.36		A	0.7
8	☐	1.000		3881671.50		A	1.4