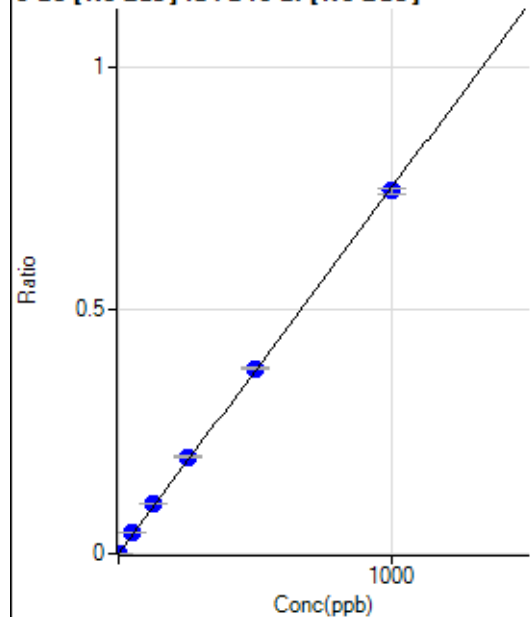


Calibration for 010CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7110723-MS2.b\
 Analysis File: P7110723-MS2.batch.bin
 DA Date-Time: 2023-11-07 16:35:54
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-11-07 14:06:09
2	005CAL.S.d	S02	2023-11-07 14:09:27
3	007CAL.S.d	S03	2023-11-07 14:16:00
4	008CAL.S.d	S04	2023-11-07 14:19:11
5	009CAL.S.d	S05	2023-11-07 14:22:11
6	010CAL.S.d	S06	2023-11-07 14:25:07
7	011CAL.S.d	S07	2023-11-07 14:27:57
8	012CAL.S.d	S08	2023-11-07 14:30:45

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	88.89	0.0001	P	7.6
2	<input type="checkbox"/>	1.000	1.055	1047.82	0.0009	P	4.4
3	<input type="checkbox"/>	50.000	56.134	49602.15	0.0423	P	1.8
4	<input type="checkbox"/>	125.000	135.903	120356.61	0.1023	P	1.3
5	<input type="checkbox"/>	250.000	264.116	229123.24	0.1986	P	1.1
6	<input type="checkbox"/>	500.000	506.524	434108.68	0.3809	P	0.7
7	<input type="checkbox"/>	1000.000	991.539	822862.53	0.7455	P	1.8
8	<input type="checkbox"/>			547.79	0.0005	P	7.7

$$y = 7.5183\text{E-}004 * x + 7.5350\text{E-}005$$

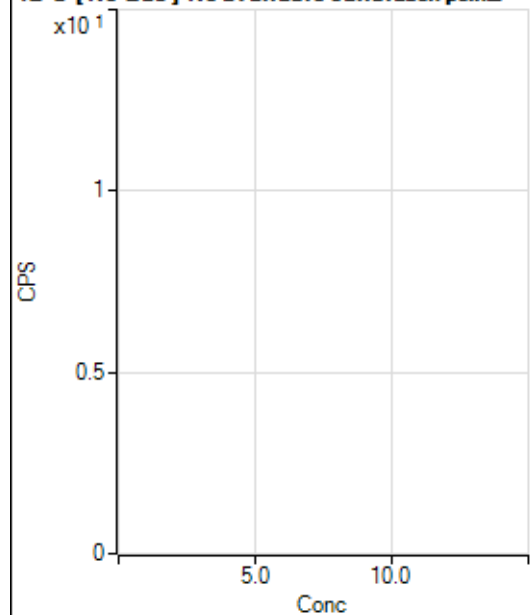
$$R = 0.9998$$

$$DL = 0.02282$$

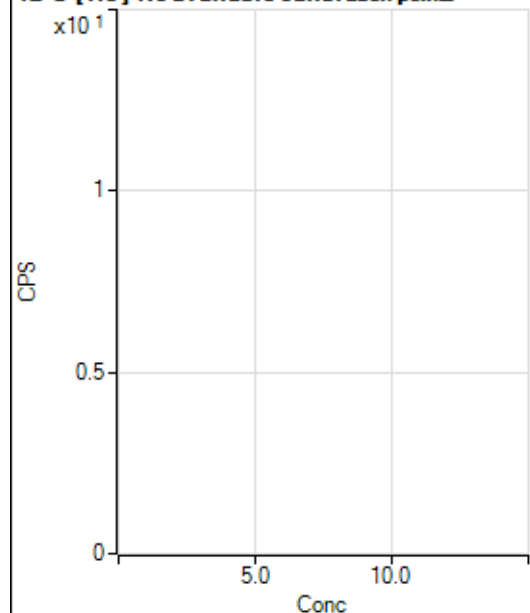
$$BEC = 0.1002$$

Weight: <None>

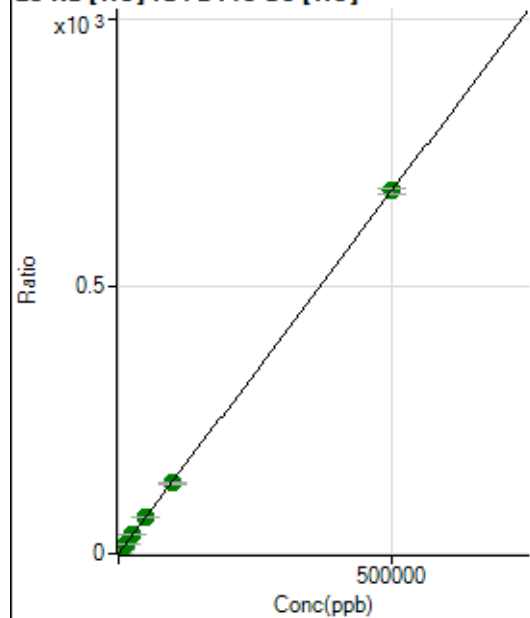
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	7176.17	0.0353	P	1.5
2	<input type="checkbox"/>	500.000	469.921	143963.13	0.6729	P	0.6
3	<input type="checkbox"/>	5000.000	5194.736	1498877.51	7.0837	A	1.2
4	<input type="checkbox"/>	12500.000	13186.541	3642210.40	17.9273	A	0.5
5	<input type="checkbox"/>	25000.000	26007.688	6937029.96	35.3235	A	0.9
6	<input type="checkbox"/>	50000.000	50845.373	13395029.25	69.0241	A	0.9
7	<input type="checkbox"/>	100000.00	97118.831	25740392.95	131.8096	A	3.5
8	<input type="checkbox"/>	500000.00	500422.23	121671260.4	679.0260	A	1.6

$$y = 0.0014 * x + 0.0353$$

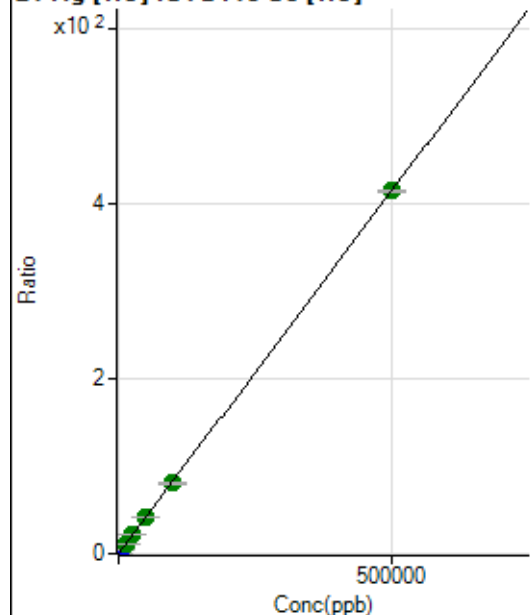
$$R = 1.0000$$

$$DL = 1.2$$

$$BEC = 26.02$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	731.14	0.0036	P	4.5
2	<input type="checkbox"/>	500.000	479.987	85778.35	0.4009	P	0.6
3	<input type="checkbox"/>	5000.000	5394.309	945674.25	4.4691	P	0.3
4	<input type="checkbox"/>	12500.000	13410.091	2256115.83	11.1047	A	0.9
5	<input type="checkbox"/>	25000.000	26419.546	4295769.07	21.8741	A	1.0
6	<input type="checkbox"/>	50000.000	51314.541	8244299.18	42.4826	A	0.3
7	<input type="checkbox"/>	100000.00	97906.447	15829798.10	81.0522	A	3.1
8	<input type="checkbox"/>	500000.00	500189.60	74198065.56	414.0690	A	0.3

$$y = 8.2782\text{E-}004 * x + 0.0036$$

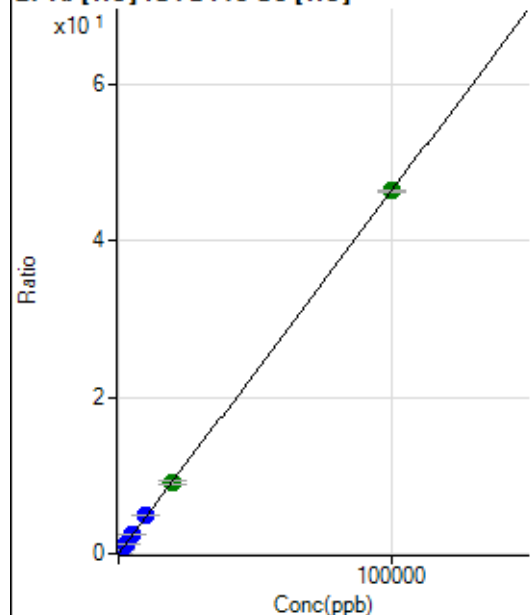
$$R = 1.0000$$

$$DL = 0.5837$$

$$BEC = 4.345$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	91.11	0.0004	P	19.0
2	<input type="checkbox"/>	20.000	24.002	2480.23	0.0116	P	3.9
3	<input type="checkbox"/>	1000.000	1101.640	108338.77	0.5120	P	0.3
4	<input type="checkbox"/>	2500.000	2682.398	253143.42	1.2460	P	0.1
5	<input type="checkbox"/>	5000.000	5324.213	485612.59	2.4727	P	0.7
6	<input type="checkbox"/>	10000.000	10378.027	935269.52	4.8194	P	0.6
7	<input type="checkbox"/>	20000.000	19662.197	1782637.04	9.1305	A	4.6
8	<input type="checkbox"/>	100000.00	100007.97	8321460.43	46.4386	A	0.5

$$y = 4.6434\text{E-}004 * x + 4.4830\text{E-}004$$

$$R = 1.0000$$

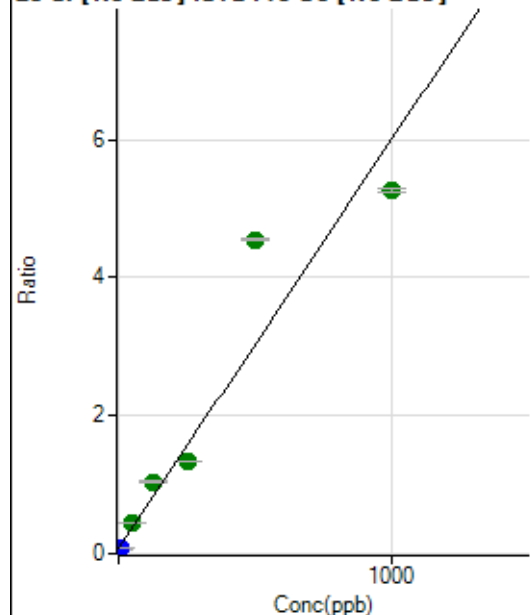
$$DL = 0.5514$$

$$BEC = 0.9654$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	197872.20	0.0697	P	0.8
2	<input type="checkbox"/>	10.000	0.549	214176.87	0.0730	P	3.9
3	<input type="checkbox"/>	50.000	63.288	1267080.52	0.4451	A	3.4
4	<input type="checkbox"/>	125.000	164.178	2914877.32	1.0434	A	0.7
5	<input type="checkbox"/>	250.000	215.262	3616847.17	1.3464	A	0.3
6	<input type="checkbox"/>	500.000	756.578	12025526.07	4.5569	A	0.9
7	<input type="checkbox"/>	1000.000	874.928	13640591.05	5.2588	A	1.2
8	<input type="checkbox"/>			304402.14	0.1246	P	2.2

$$y = 0.0059 * x + 0.0697$$

R = 0.9488

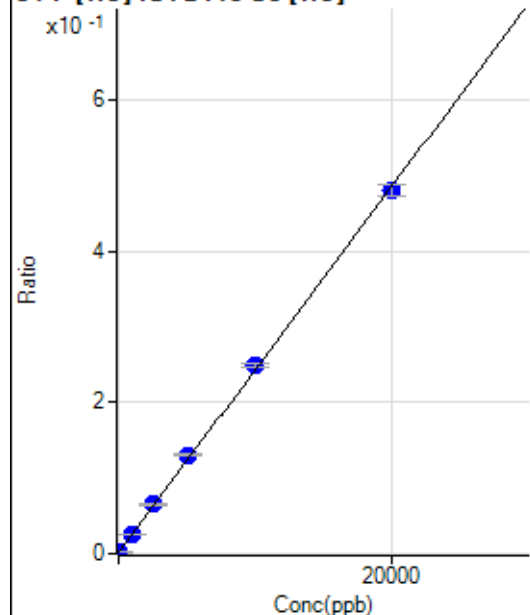
DL = 0.2991

BEC = 11.75

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	-17.432	196.67	0.0010	P	8.1
2	<input type="checkbox"/>	0.000	17.432	387.79	0.0018	P	7.0
3	<input type="checkbox"/>	1000.000	1038.789	5621.08	0.0266	P	1.4
4	<input type="checkbox"/>	2500.000	2655.530	13358.11	0.0657	P	2.5
5	<input type="checkbox"/>	5000.000	5334.103	25659.33	0.1307	P	1.7
6	<input type="checkbox"/>	10000.000	10238.880	48424.03	0.2495	P	1.2
7	<input type="checkbox"/>	20000.000	19775.654	93866.42	0.4806	P	3.3
8	<input type="checkbox"/>			180.01	0.0010	P	11.6

$$y = 2.4235E-005 * x + 0.0014$$

R = 0.9997

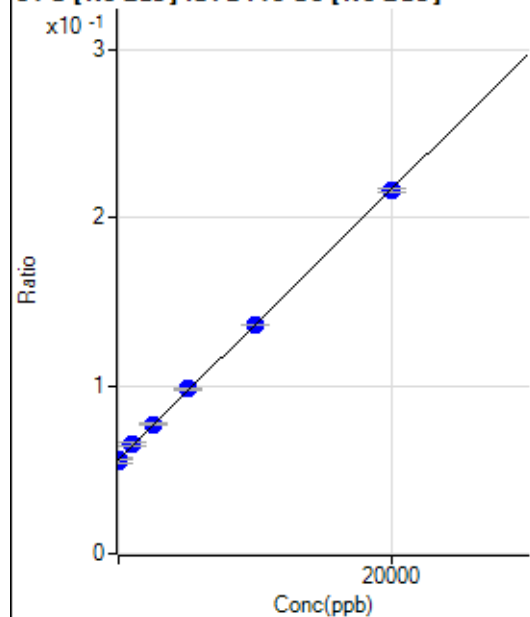
DL = 12.71

BEC = 57.36

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	115.450	160522.98	0.0566	P	0.8
2	<input type="checkbox"/>	0.000	-115.450	160509.41	0.0547	P	4.6
3	<input type="checkbox"/>	1000.000	1172.746	185218.68	0.0651	P	3.5
4	<input type="checkbox"/>	2500.000	2624.747	214376.46	0.0767	P	1.3
5	<input type="checkbox"/>	5000.000	5283.111	263620.58	0.0981	P	0.9
6	<input type="checkbox"/>	10000.000	10001.319	359194.47	0.1361	P	0.3
7	<input type="checkbox"/>	20000.000	19904.332	559763.31	0.2158	P	0.9
8	<input type="checkbox"/>			136170.16	0.0558	P	3.7

$$y = 8.0477E-006 * x + 0.0556$$

R = 0.9998

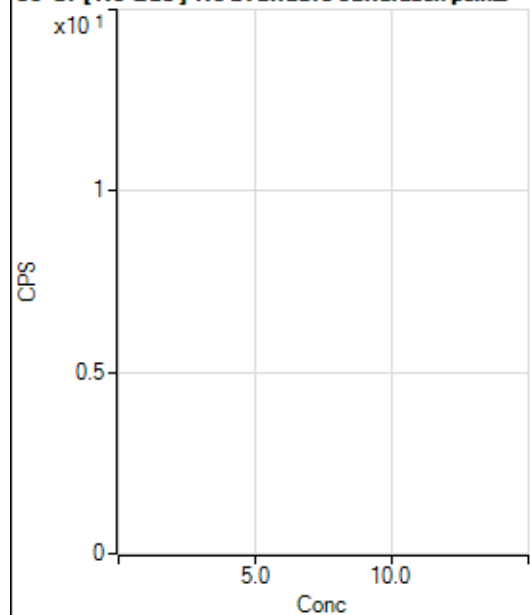
DL = 550.5

BEC = 6912

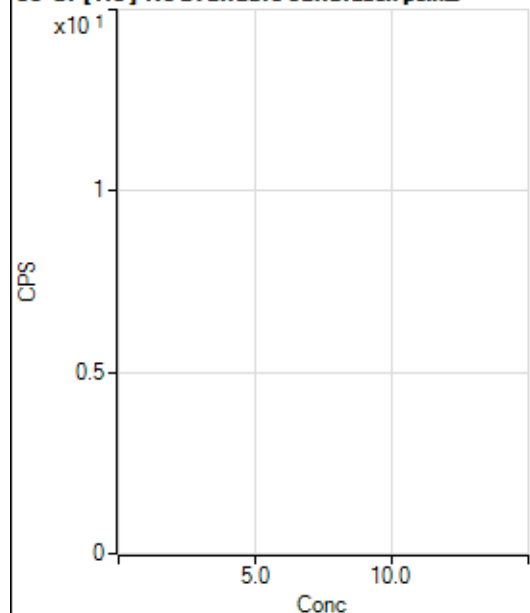
Weight: <None>

Min Conc: 0

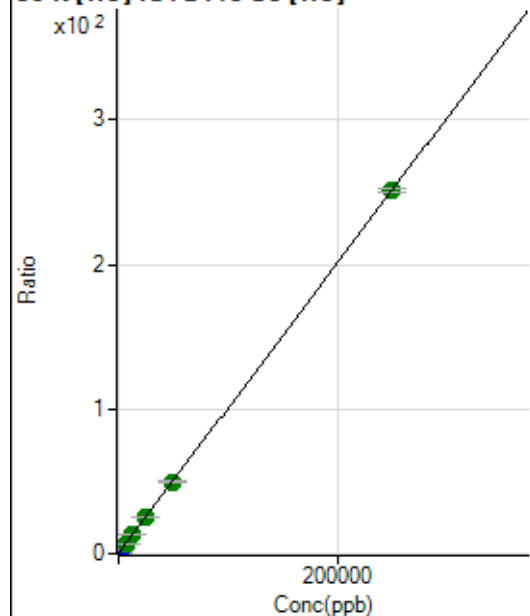
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	40166.24	0.1976	P	2.3
2	<input type="checkbox"/>	500.000	484.304	146075.99	0.6828	P	0.3
3	<input type="checkbox"/>	2500.000	2763.595	627669.41	2.9663	P	0.4
4	<input type="checkbox"/>	6250.000	6638.287	1391300.47	6.8481	A	0.2
5	<input type="checkbox"/>	12500.000	13286.761	2653015.20	13.5088	A	0.4
6	<input type="checkbox"/>	25000.000	25518.550	4999662.18	25.7632	A	0.5
7	<input type="checkbox"/>	50000.000	49094.897	9643912.29	49.3830	A	3.4
8	<input type="checkbox"/>	250000.00	250077.51	44929006.00	250.7360	A	1.0

$$y = 0.0010 * x + 0.1976$$

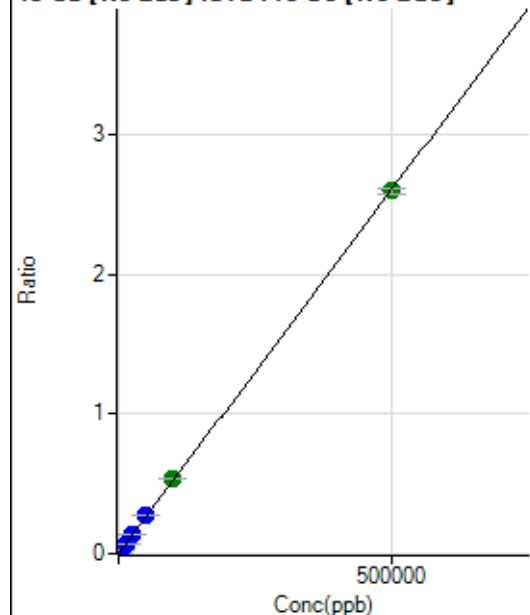
$$R = 1.0000$$

$$DL = 13.8$$

$$BEC = 197.2$$

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	<input type="checkbox"/>	0.000	0.000	424.33	0.0001	P	17.6
2	<input type="checkbox"/>	500.000	462.439	7505.64	0.0026	P	3.7
3	<input type="checkbox"/>	5000.000	5613.387	83601.59	0.0294	P	4.7
4	<input type="checkbox"/>	12500.000	13861.891	201971.62	0.0723	P	2.0
5	<input type="checkbox"/>	25000.000	27462.389	384403.28	0.1431	P	1.2
6	<input type="checkbox"/>	50000.000	53250.887	731931.24	0.2774	P	0.9
7	<input type="checkbox"/>	100000.00	103887.84	1403217.64	0.5409	A	0.2
8	<input type="checkbox"/>	500000.00	498734.07	6341104.00	2.5963	A	1.7

$$y = 5.2056\text{E-}006 * x + 1.4950\text{E-}004$$

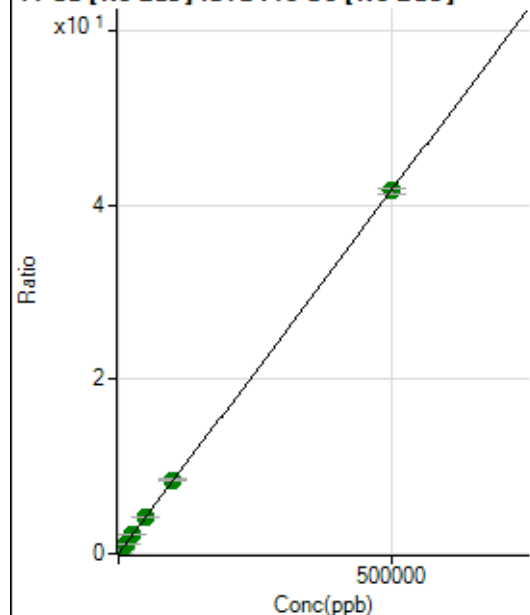
$$R = 1.0000$$

$$DL = 15.12$$

$$BEC = 28.72$$

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	<input type="checkbox"/>	0.000	0.000	6849.61	0.0024	P	1.0
2	<input type="checkbox"/>	500.000	470.420	122167.61	0.0416	P	4.4
3	<input type="checkbox"/>	5000.000	5327.553	1271002.09	0.4465	A	4.3
4	<input type="checkbox"/>	12500.000	13159.522	3070724.66	1.0993	A	1.9
5	<input type="checkbox"/>	25000.000	26206.001	5874323.81	2.1869	A	0.8
6	<input type="checkbox"/>	50000.000	51021.929	11229861.80	4.2554	A	0.9
7	<input type="checkbox"/>	100000.00	101752.82	22005926.86	8.4842	A	1.3
8	<input type="checkbox"/>	500000.00	499467.20	101687618.5	41.6364	A	1.7

$$y = 8.3357\text{E-}005 * x + 0.0024$$

$$R = 1.0000$$

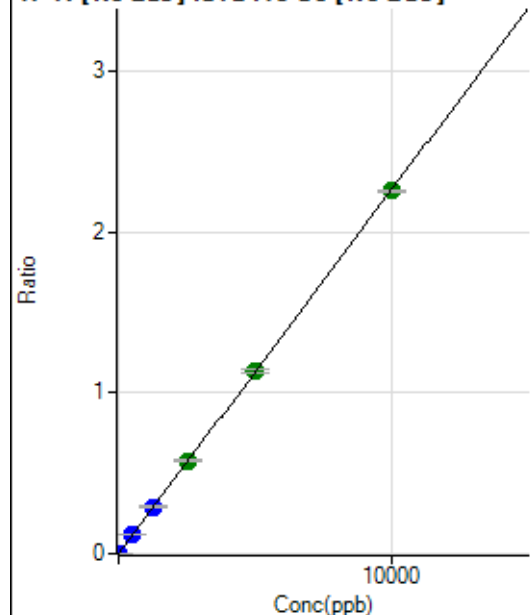
$$DL = 0.8752$$

$$BEC = 28.95$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	77.78	0.0000	P	5.4
2	<input type="checkbox"/>	5.000	4.823	3282.61	0.0011	P	1.4
3	<input type="checkbox"/>	500.000	523.963	337227.07	0.1185	P	4.1
4	<input type="checkbox"/>	1250.000	1287.897	813300.66	0.2912	P	1.5
5	<input type="checkbox"/>	2500.000	2562.722	1556345.03	0.5793	A	1.1
6	<input type="checkbox"/>	5000.000	5013.976	2991086.73	1.1335	A	1.4
7	<input type="checkbox"/>	10000.000	9971.396	5846973.04	2.2541	A	0.4
8	<input type="checkbox"/>			1642.33	0.0007	P	3.9

$$y = 2.2605\text{E-}004 * x + 2.7404\text{E-}005$$

$$R = 1.0000$$

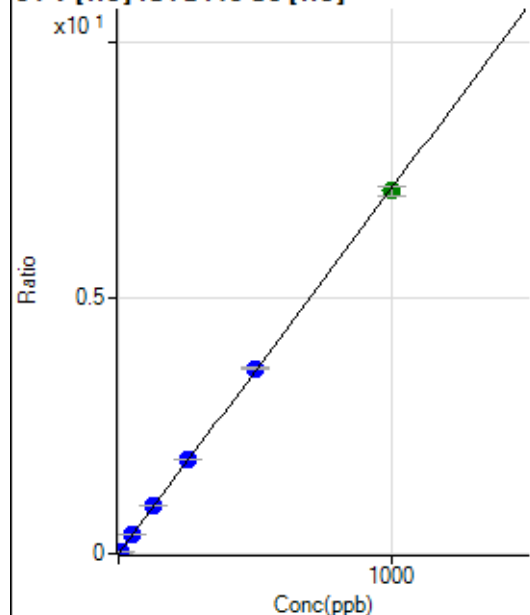
$$DL = 0.01959$$

$$BEC = 0.1212$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	4.44	0.0000	P	114.
2	<input type="checkbox"/>	5.000	4.735	7247.36	0.0339	P	1.0
3	<input type="checkbox"/>	50.000	52.061	78764.16	0.3722	P	0.2
4	<input type="checkbox"/>	125.000	130.476	189515.71	0.9328	P	0.4
5	<input type="checkbox"/>	250.000	259.130	363831.12	1.8526	P	0.8
6	<input type="checkbox"/>	500.000	507.058	703504.53	3.6251	P	0.5
7	<input type="checkbox"/>	1000.000	993.402	1387121.99	7.1021	A	2.9
8	<input type="checkbox"/>			483.35	0.0027	P	1.4

$$y = 0.0071 * x + 2.1915\text{E-}005$$

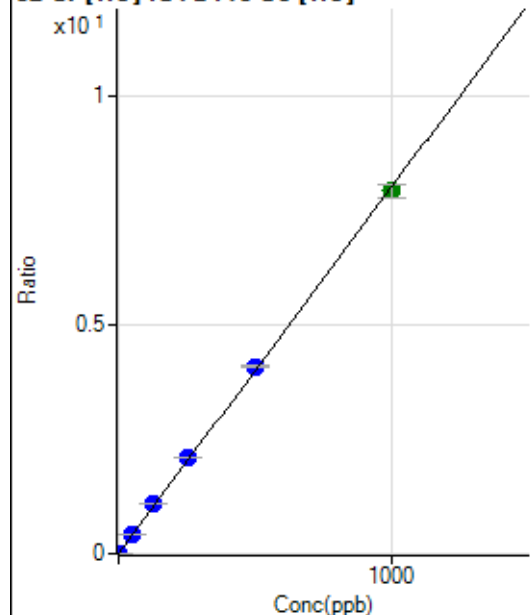
$$R = 0.9999$$

$$DL = 0.01055$$

$$BEC = 0.003065$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	504.46	0.0025	P	4.5
2	<input type="checkbox"/>	2.000	1.916	3818.30	0.0178	P	3.0
3	<input type="checkbox"/>	50.000	53.623	91515.40	0.4325	P	0.5
4	<input type="checkbox"/>	125.000	133.960	218752.12	1.0767	P	0.3
5	<input type="checkbox"/>	250.000	263.317	415169.42	2.1140	P	0.8
6	<input type="checkbox"/>	500.000	511.137	795914.23	4.1013	P	0.2
7	<input type="checkbox"/>	1000.000	989.801	1550552.46	7.9398	A	3.5
8	<input type="checkbox"/>			3677.15	0.0205	P	2.4

$$y = 0.0080 * x + 0.0025$$

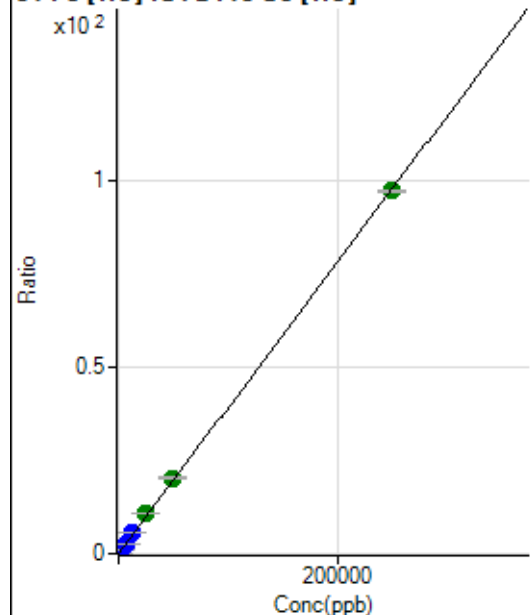
$$R = 0.9998$$

$$DL = 0.04136$$

$$BEC = 0.3094$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1186.73	0.0058	P	1.5
2	<input type="checkbox"/>	50.000	52.421	5625.53	0.0263	P	1.8
3	<input type="checkbox"/>	2500.000	2900.174	240734.64	1.1377	P	0.3
4	<input type="checkbox"/>	6250.000	7229.485	574387.57	2.8272	P	0.5
5	<input type="checkbox"/>	12500.000	14286.338	1096060.98	5.5812	P	1.1
6	<input type="checkbox"/>	25000.000	27164.123	2058394.92	10.6069	A	0.3
7	<input type="checkbox"/>	50000.000	52077.343	3970978.34	20.3294	A	2.4
8	<input type="checkbox"/>	250000.00	249250.31	17431582.52	97.2778	A	0.6

$$y = 3.9026E-004 * x + 0.0058$$

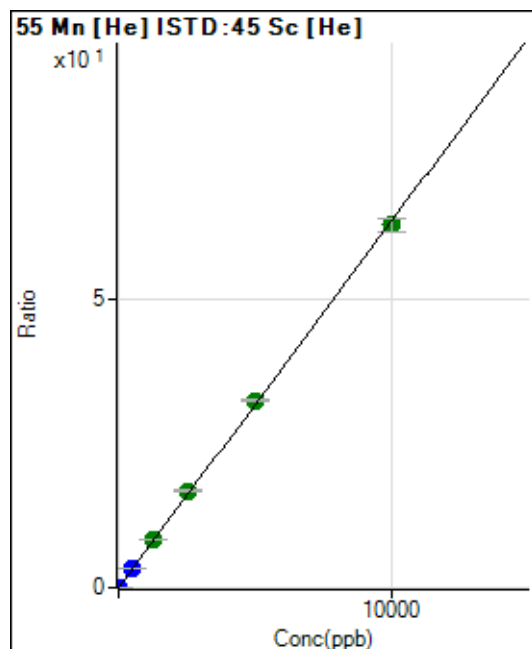
$$R = 0.9999$$

$$DL = 0.6512$$

$$BEC = 14.96$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	193.34	0.0010	P	9.4
2	<input type="checkbox"/>	1.000	0.916	1447.86	0.0068	P	2.6
3	<input type="checkbox"/>	500.000	529.420	711230.77	3.3611	P	0.4
4	<input type="checkbox"/>	1250.000	1328.534	1713238.05	8.4331	A	0.9
5	<input type="checkbox"/>	2500.000	2629.901	3278131.72	16.6928	A	1.6
6	<input type="checkbox"/>	5000.000	5111.846	6296451.09	32.4455	A	1.5
7	<input type="checkbox"/>	10000.000	9900.314	12271511.76	62.8377	A	3.4
8	<input type="checkbox"/>			6355.85	0.0355	P	3.1

$$y = 0.0063 * x + 9.5115E-004$$

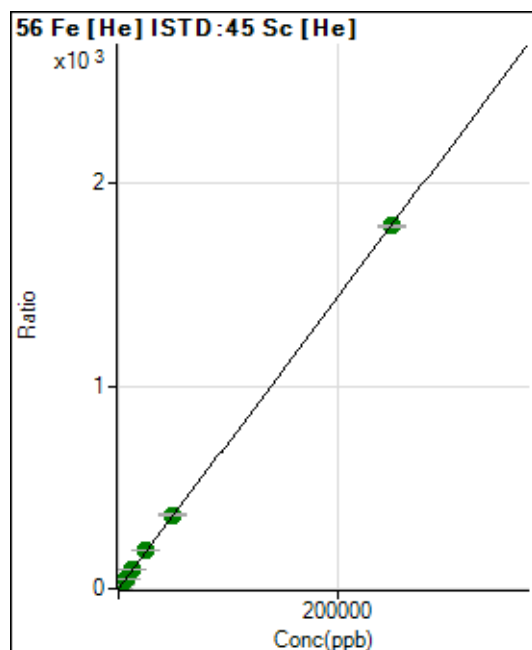
$$R = 0.9998$$

$$DL = 0.04222$$

$$BEC = 0.1499$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	10569.33	0.0520	P	1.5
2	<input type="checkbox"/>	50.000	50.818	89013.48	0.4161	P	0.8
3	<input type="checkbox"/>	2500.000	2749.327	4178816.50	19.7488	A	0.8
4	<input type="checkbox"/>	6250.000	6891.238	10040749.02	49.4223	A	0.8
5	<input type="checkbox"/>	12500.000	13678.116	19254545.54	98.0449	A	1.1
6	<input type="checkbox"/>	25000.000	26592.488	36981922.50	190.5663	A	0.3
7	<input type="checkbox"/>	50000.000	50668.752	70900542.28	363.0537	A	3.4
8	<input type="checkbox"/>	250000.00	249629.57	320480153.0	1,788.451	A	0.5

$$y = 0.0072 * x + 0.0520$$

$$R = 1.0000$$

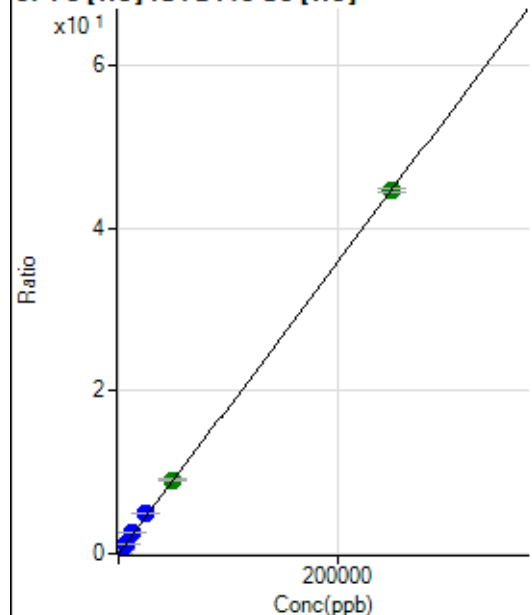
$$DL = 0.3254$$

$$BEC = 7.257$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	487.79	0.0024	P	8.7
2	<input type="checkbox"/>	50.000	51.372	2478.01	0.0116	P	0.8
3	<input type="checkbox"/>	2500.000	2857.170	108579.45	0.5131	P	0.9
4	<input type="checkbox"/>	6250.000	7129.980	259430.00	1.2769	P	0.1
5	<input type="checkbox"/>	12500.000	14096.961	495357.15	2.5223	P	0.9
6	<input type="checkbox"/>	25000.000	27395.501	950822.43	4.8996	P	0.3
7	<input type="checkbox"/>	50000.000	50549.147	1765114.54	9.0385	A	3.4
8	<input type="checkbox"/>	250000.00	249545.20	7993777.66	44.6106	A	0.9

$$y = 1.7876\text{E-}004 * x + 0.0024$$

R = 0.9999

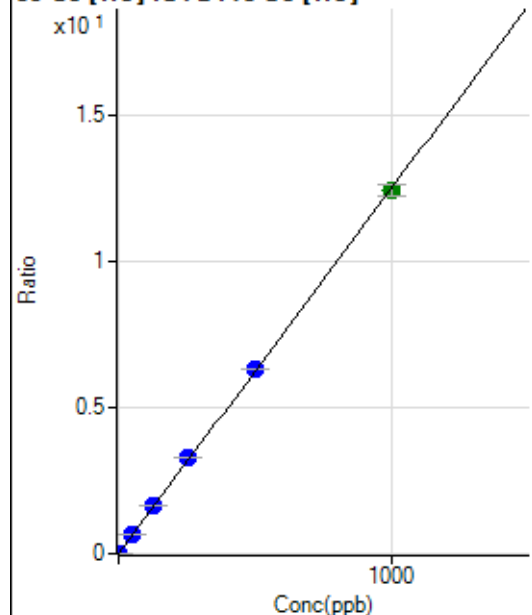
DL = 3.507

BEC = 13.42

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	35.56	0.0002	P	5.4
2	<input type="checkbox"/>	1.000	1.020	2766.95	0.0129	P	0.5
3	<input type="checkbox"/>	50.000	53.274	141076.42	0.6667	P	0.7
4	<input type="checkbox"/>	125.000	132.819	337646.13	1.6619	P	0.3
5	<input type="checkbox"/>	250.000	261.907	643568.90	3.2770	P	0.6
6	<input type="checkbox"/>	500.000	505.702	1227879.62	6.3272	P	0.3
7	<input type="checkbox"/>	1000.000	993.032	2426415.19	12.4244	A	3.3
8	<input type="checkbox"/>			6421.43	0.0358	P	2.9

$$y = 0.0125 * x + 1.7490\text{E-}004$$

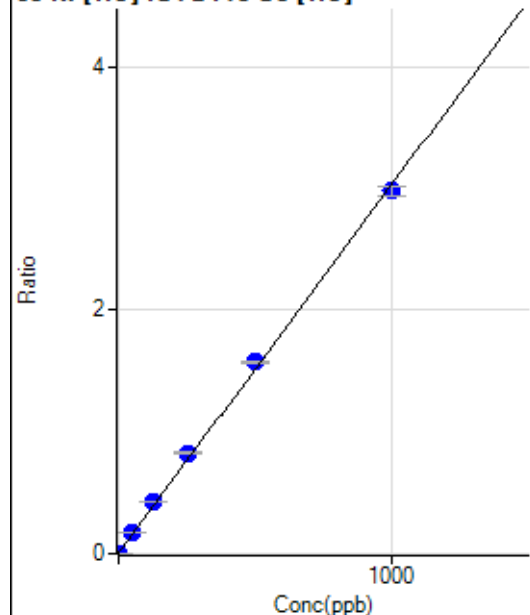
R = 0.9999

DL = 0.002271

BEC = 0.01398

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	821.14	0.0040	P	15.7
2	<input type="checkbox"/>	1.000	0.885	1437.86	0.0067	P	1.7
3	<input type="checkbox"/>	50.000	56.178	36848.55	0.1741	P	0.9
4	<input type="checkbox"/>	125.000	138.070	85755.31	0.4221	P	0.5
5	<input type="checkbox"/>	250.000	271.095	162004.08	0.8249	P	1.4
6	<input type="checkbox"/>	500.000	518.227	305297.63	1.5732	P	0.4
7	<input type="checkbox"/>	1000.000	983.670	582507.98	2.9825	P	3.0
8	<input type="checkbox"/>			2177.96	0.0122	P	2.5

$$y = 0.0030 * x + 0.0040$$

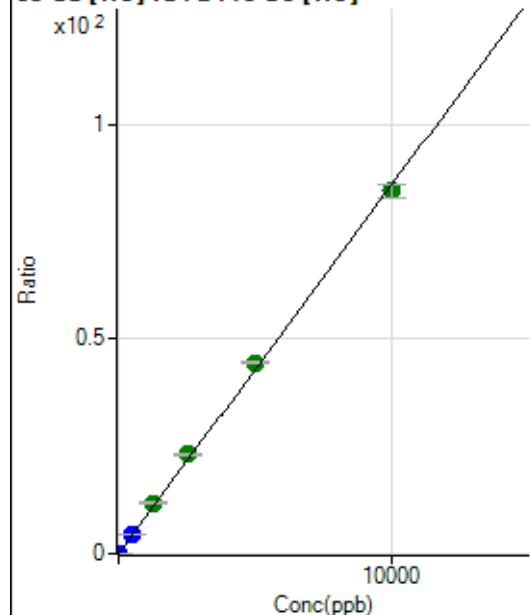
$$R = 0.9995$$

$$DL = 0.6285$$

$$BEC = 1.334$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	497.79	0.0024	P	4.4
2	<input type="checkbox"/>	2.000	1.909	4031.69	0.0188	P	2.8
3	<input type="checkbox"/>	500.000	542.713	986596.44	4.6625	P	0.7
4	<input type="checkbox"/>	1250.000	1379.511	2406975.61	11.8478	A	0.8
5	<input type="checkbox"/>	2500.000	2692.616	4541019.51	23.1230	A	1.3
6	<input type="checkbox"/>	5000.000	5175.420	8624595.36	44.4420	A	1.1
7	<input type="checkbox"/>	10000.000	9845.811	16510732.39	84.5450	A	3.4
8	<input type="checkbox"/>			6147.99	0.0343	P	3.8

$$y = 0.0086 * x + 0.0024$$

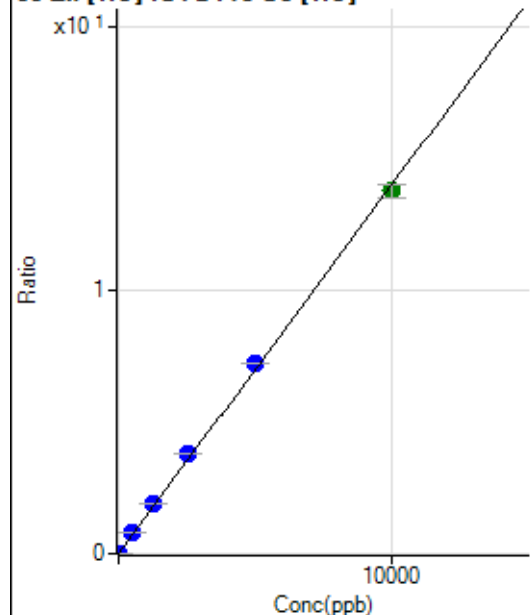
$$R = 0.9995$$

$$DL = 0.0373$$

$$BEC = 0.2852$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	331.12	0.0016	P	7.6
2	<input type="checkbox"/>	2.000	2.198	1005.60	0.0047	P	10.4
3	<input type="checkbox"/>	500.000	564.580	167294.08	0.7906	P	0.8
4	<input type="checkbox"/>	1250.000	1372.425	389987.03	1.9196	P	0.2
5	<input type="checkbox"/>	2500.000	2701.748	741811.40	3.7773	P	0.7
6	<input type="checkbox"/>	5000.000	5168.999	1402147.58	7.2252	P	0.3
7	<input type="checkbox"/>	10000.000	9846.531	2687431.07	13.7620	A	3.7
8	<input type="checkbox"/>			18597.23	0.1038	P	0.6

$$y = 0.0014 * x + 0.0016$$

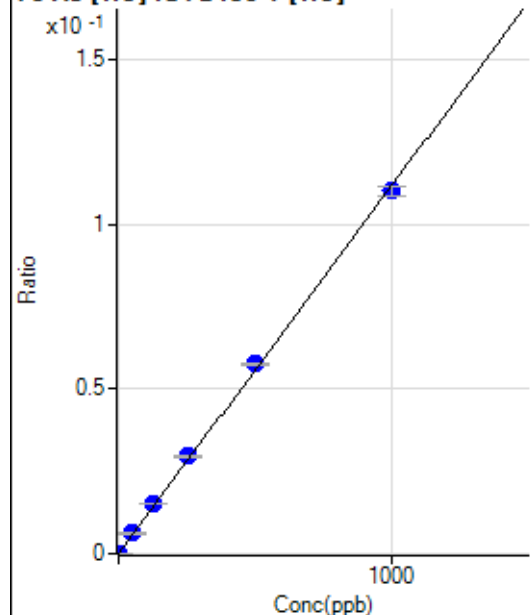
$$R = 0.9995$$

$$DL = 0.2652$$

$$BEC = 1.165$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	5.55	0.0000	P	69.9
2	<input type="checkbox"/>	1.000	1.067	223.34	0.0001	P	12.8
3	<input type="checkbox"/>	50.000	55.164	11060.86	0.0062	P	1.4
4	<input type="checkbox"/>	125.000	136.527	26543.79	0.0152	P	1.5
5	<input type="checkbox"/>	250.000	265.938	50894.67	0.0297	P	1.4
6	<input type="checkbox"/>	500.000	515.312	97409.98	0.0575	P	1.3
7	<input type="checkbox"/>	1000.000	986.660	188050.39	0.1100	P	2.7
8	<input type="checkbox"/>			65.55	0.0000	P	16.4

$$y = 1.1153E-004 * x + 3.1219E-006$$

$$R = 0.9997$$

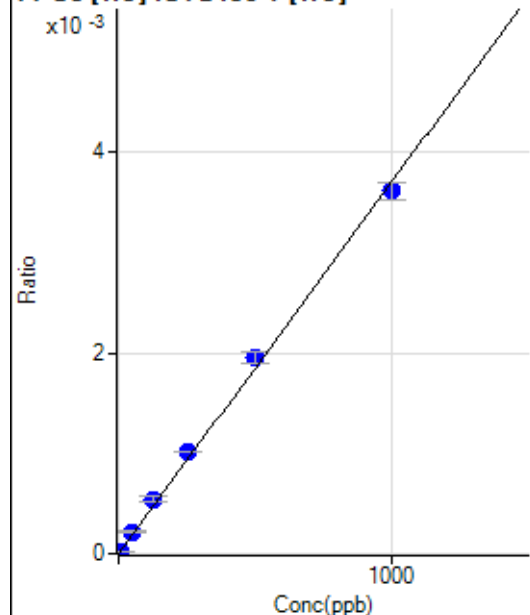
$$DL = 0.05872$$

$$BEC = 0.02799$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	0.00	0.0000	P	
2	<input type="checkbox"/>	5.000	3.617	24.44	0.0000	P	34.9
3	<input type="checkbox"/>	50.000	58.725	390.01	0.0002	P	6.0
4	<input type="checkbox"/>	125.000	146.330	942.26	0.0005	P	11.8
5	<input type="checkbox"/>	250.000	273.760	1736.79	0.0010	P	0.9
6	<input type="checkbox"/>	500.000	528.285	3311.51	0.0020	P	5.0
7	<input type="checkbox"/>	1000.000	976.822	6169.12	0.0036	P	4.7
8	<input type="checkbox"/>			32.22	0.0000	P	41.4

$$y = 3.6970\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9989$$

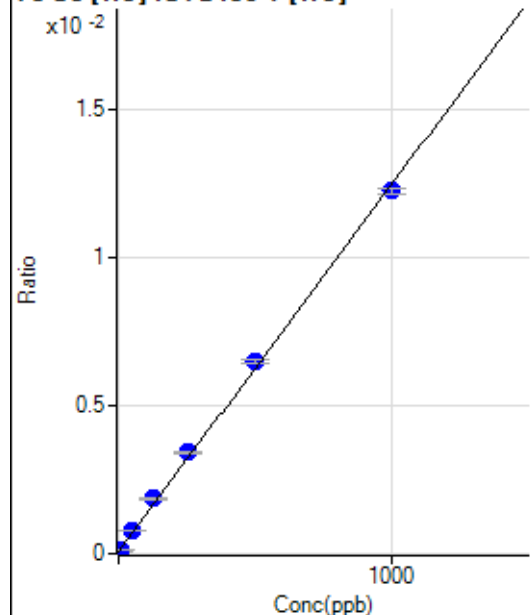
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	130.00	0.0001	P	9.7
2	<input type="checkbox"/>	5.000	5.862	266.67	0.0001	P	9.9
3	<input type="checkbox"/>	50.000	56.040	1380.08	0.0008	P	4.7
4	<input type="checkbox"/>	125.000	144.526	3250.39	0.0019	P	2.8
5	<input type="checkbox"/>	250.000	270.648	5884.56	0.0034	P	1.2
6	<input type="checkbox"/>	500.000	517.859	11008.62	0.0065	P	2.2
7	<input type="checkbox"/>	1000.000	983.162	20962.71	0.0123	P	1.7
8	<input type="checkbox"/>			234.45	0.0002	P	14.7

$$y = 1.2400\text{E-}005 * x + 7.2923\text{E-}005$$

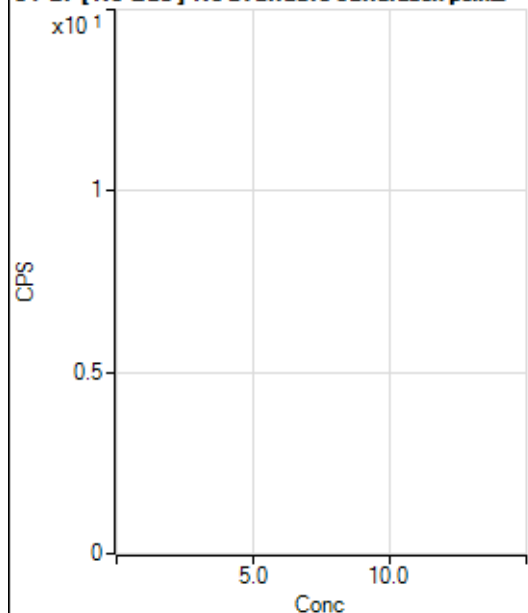
$$R = 0.9994$$

$$DL = 1.716$$

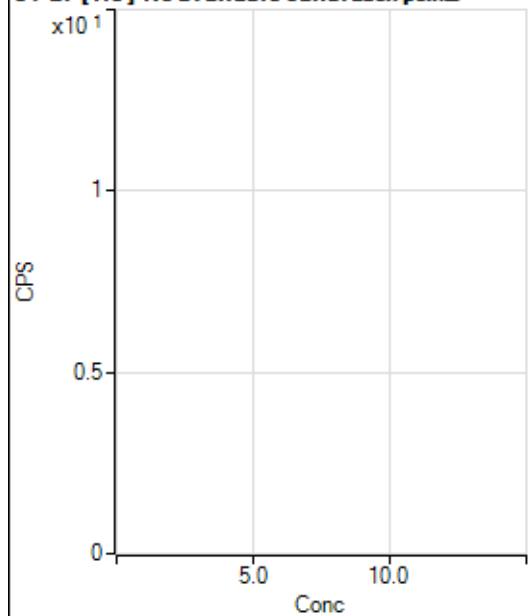
$$BEC = 5.881$$

Weight: <None>

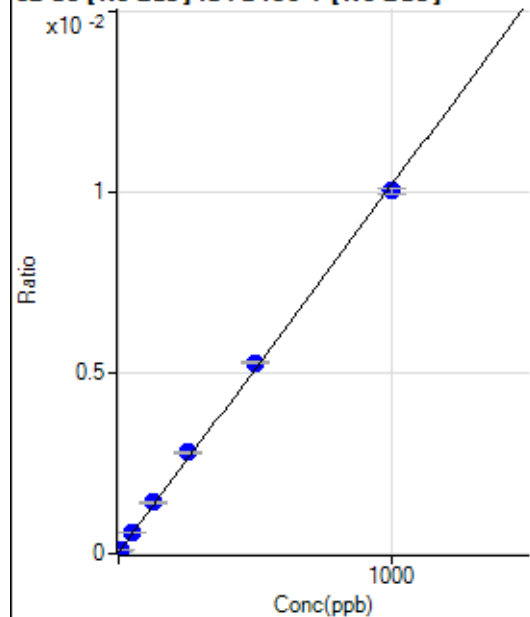
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			26460.54		P	0.7
2	<input type="checkbox"/>			26879.06		P	0.3
3	<input type="checkbox"/>			26459.43		P	1.3
4	<input type="checkbox"/>			25474.33		P	2.4
5	<input type="checkbox"/>			24542.72		P	1.2
6	<input type="checkbox"/>			24168.88		P	1.4
7	<input type="checkbox"/>			23720.32		P	1.2
8	<input type="checkbox"/>			24459.28		P	1.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			77.78		P	23.6
2	<input type="checkbox"/>			98.89		P	36.0
3	<input type="checkbox"/>			54.44		P	15.4
4	<input type="checkbox"/>			54.44		P	23.2
5	<input type="checkbox"/>			43.33		P	40.7
6	<input type="checkbox"/>			64.44		P	34.4
7	<input type="checkbox"/>			80.00		P	25.0
8	<input type="checkbox"/>			317.78		P	7.7

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	283.05	0.0000	P	2.3
2	<input type="checkbox"/>	5.000	5.340	739.33	0.0001	P	3.6
3	<input type="checkbox"/>	50.000	55.711	4742.41	0.0006	P	2.0
4	<input type="checkbox"/>	125.000	136.282	11102.77	0.0014	P	2.3
5	<input type="checkbox"/>	250.000	271.630	21324.15	0.0028	P	0.7
6	<input type="checkbox"/>	500.000	516.520	40002.98	0.0053	P	0.4
7	<input type="checkbox"/>	1000.000	984.635	75782.26	0.0100	P	1.7
8	<input type="checkbox"/>			700.60	0.0001	P	6.3

$$y = 1.0169\text{E-}005 * x + 3.5681\text{E-}005$$

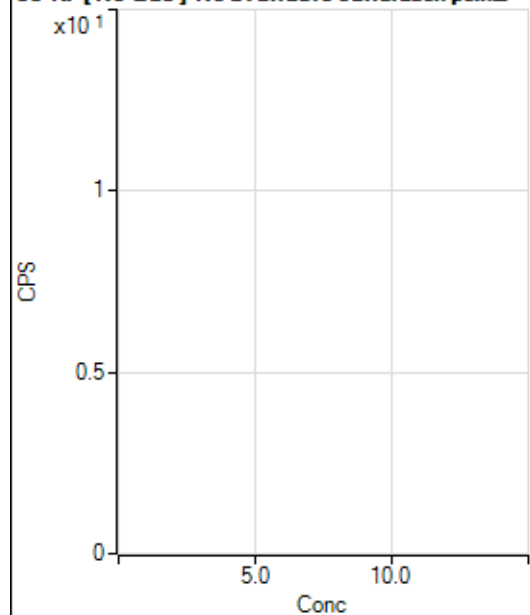
$$R = 0.9995$$

$$DL = 0.2462$$

$$BEC = 3.509$$

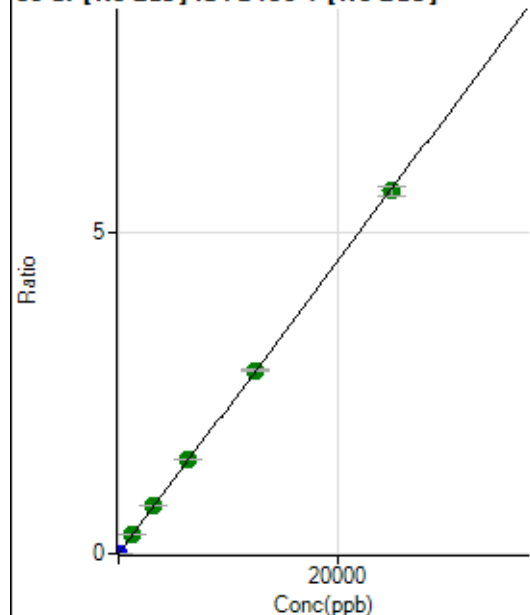
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>			95.56		P	25.7
2	<input type="checkbox"/>			83.33		P	28.8
3	<input type="checkbox"/>			107.78		P	7.8
4	<input type="checkbox"/>			97.78		P	12.9
5	<input type="checkbox"/>			107.78		P	18.1
6	<input type="checkbox"/>			100.00		P	14.5
7	<input type="checkbox"/>			108.89		P	25.7
8	<input type="checkbox"/>			142.22		P	16.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	206.67	0.0000	P	10.1
2	<input type="checkbox"/>	1.000	0.857	1815.68	0.0002	P	6.0
3	<input type="checkbox"/>	1250.000	1325.007	2375313.02	0.3017	A	3.5
4	<input type="checkbox"/>	3125.000	3279.769	5832902.27	0.7468	A	1.8
5	<input type="checkbox"/>	6250.000	6468.645	11224879.28	1.4729	A	1.3
6	<input type="checkbox"/>	12500.000	12591.156	21686244.68	2.8669	A	0.9
7	<input type="checkbox"/>	25000.000	24876.664	42712699.09	5.6642	A	2.3
8	<input type="checkbox"/>			10617.24	0.0015	P	3.0

$$y = 2.2769\text{E-}004 * x + 2.6031\text{E-}005$$

$$R = 0.9999$$

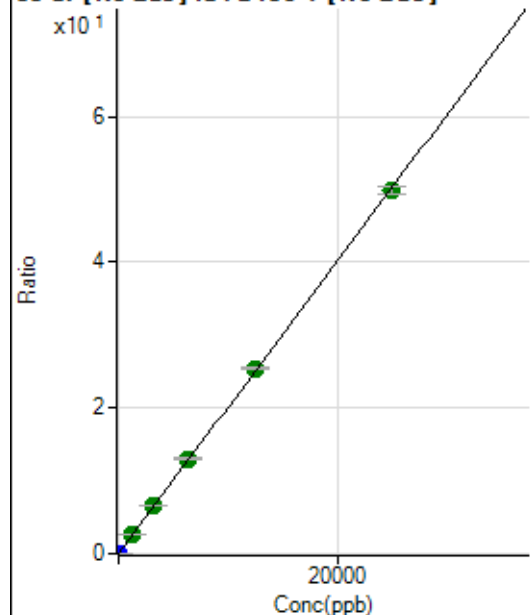
$$DL = 0.03463$$

$$BEC = 0.1143$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	354.45	0.0000	P	7.4
2	<input type="checkbox"/>	1.000	0.875	14786.42	0.0018	P	3.8
3	<input type="checkbox"/>	1250.000	1321.486	20871907.60	2.6508	A	2.9
4	<input type="checkbox"/>	3125.000	3262.785	51123059.24	6.5448	A	0.9
5	<input type="checkbox"/>	6250.000	6501.584	99391545.19	13.0414	A	0.7
6	<input type="checkbox"/>	12500.000	12670.538	192248972.6	25.4155	A	0.7
7	<input type="checkbox"/>	25000.000	24831.037	375602043.2	49.8079	A	2.1
8	<input type="checkbox"/>			94058.79	0.0136	P	2.8

$$y = 0.0020 * x + 4.4706\text{E-}005$$

$$R = 0.9999$$

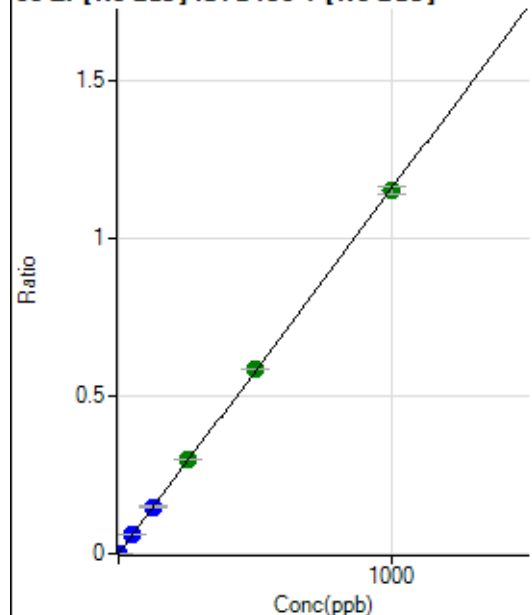
$$DL = 0.004946$$

$$BEC = 0.02229$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	257.78	0.0000	P	10.9
2	<input type="checkbox"/>	1.000	0.845	8290.18	0.0010	P	6.6
3	<input type="checkbox"/>	50.000	52.156	475369.28	0.0604	P	3.5
4	<input type="checkbox"/>	125.000	128.645	1162934.52	0.1489	P	1.3
5	<input type="checkbox"/>	250.000	258.126	2276558.89	0.2987	A	0.5
6	<input type="checkbox"/>	500.000	506.265	4431390.70	0.5858	A	0.7
7	<input type="checkbox"/>	1000.000	994.273	8675961.40	1.1505	A	2.1
8	<input type="checkbox"/>			5029.79	0.0007	P	1.6

$$y = 0.0012 * x + 3.2470E-005$$

$$R = 0.9999$$

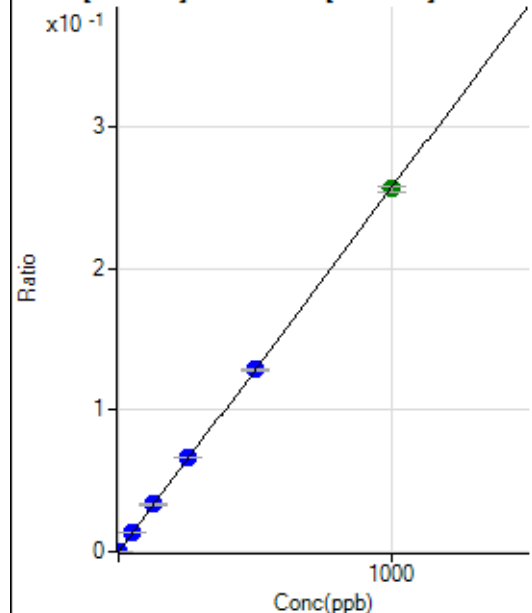
$$DL = 0.00916$$

$$BEC = 0.02806$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	54.45	0.0000	P	46.4
2	<input type="checkbox"/>	1.000	0.863	1875.70	0.0002	P	8.3
3	<input type="checkbox"/>	50.000	52.625	106440.11	0.0135	P	4.1
4	<input type="checkbox"/>	125.000	129.792	260410.49	0.0333	P	0.9
5	<input type="checkbox"/>	250.000	256.730	502521.96	0.0659	P	0.2
6	<input type="checkbox"/>	500.000	500.893	973063.58	0.1286	P	0.7
7	<input type="checkbox"/>	1000.000	997.141	1931124.29	0.2561	A	1.9
8	<input type="checkbox"/>			1173.40	0.0002	P	5.2

$$y = 2.5681E-004 * x + 6.8469E-006$$

$$R = 1.0000$$

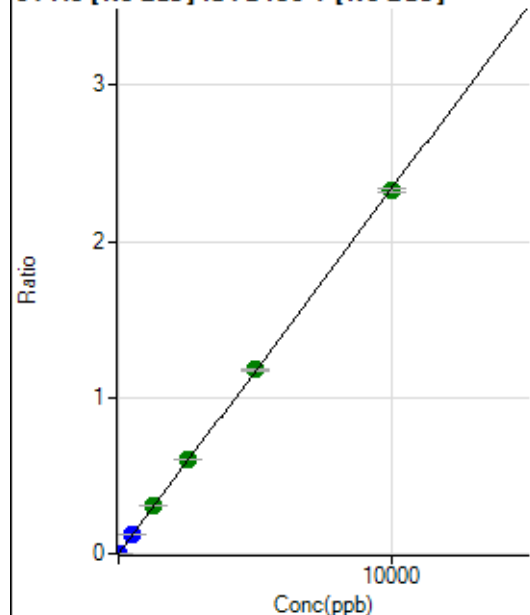
$$DL = 0.03712$$

$$BEC = 0.02666$$

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	<input type="checkbox"/>	0.000	0.000	134.45	0.0000	P	7.3
2	<input type="checkbox"/>	5.000	4.967	9672.16	0.0012	P	3.5
3	<input type="checkbox"/>	500.000	525.020	966232.98	0.1227	P	3.1
4	<input type="checkbox"/>	1250.000	1314.835	2400199.32	0.3073	A	2.1
5	<input type="checkbox"/>	2500.000	2599.568	4630552.85	0.6076	A	0.7
6	<input type="checkbox"/>	5000.000	5041.215	8912495.77	1.1782	A	1.1
7	<input type="checkbox"/>	10000.000	9945.145	17529260.57	2.3244	A	1.2
8	<input type="checkbox"/>			6354.78	0.0009	P	1.3

$$y = 2.3372\text{E-}004 * x + 1.6950\text{E-}005$$

$$R = 0.9999$$

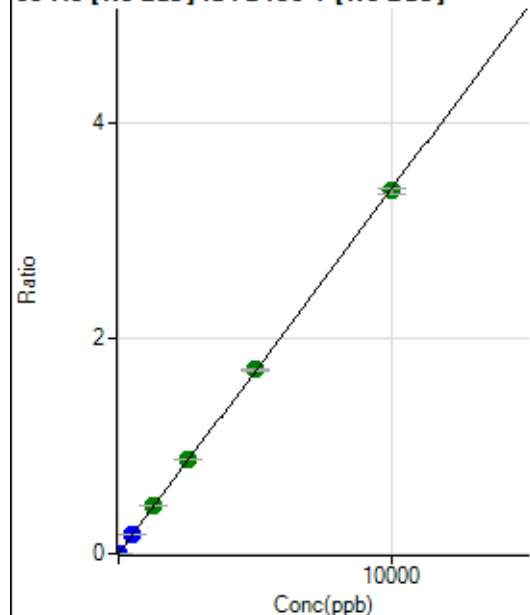
$$DL = 0.01583$$

$$BEC = 0.07252$$

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	<input type="checkbox"/>	0.000	0.000	106.67	0.0000	P	31.9
2	<input type="checkbox"/>	5.000	4.235	11907.15	0.0015	P	5.3
3	<input type="checkbox"/>	500.000	526.437	1406786.33	0.1787	P	2.8
4	<input type="checkbox"/>	1250.000	1311.183	3475679.77	0.4450	A	1.4
5	<input type="checkbox"/>	2500.000	2601.166	6727739.76	0.8828	A	0.5
6	<input type="checkbox"/>	5000.000	5039.666	12937582.73	1.7103	A	1.4
7	<input type="checkbox"/>	10000.000	9945.906	25454101.57	3.3753	A	1.8
8	<input type="checkbox"/>			7585.37	0.0011	P	3.9

$$y = 3.3937\text{E-}004 * x + 1.3412\text{E-}005$$

$$R = 0.9999$$

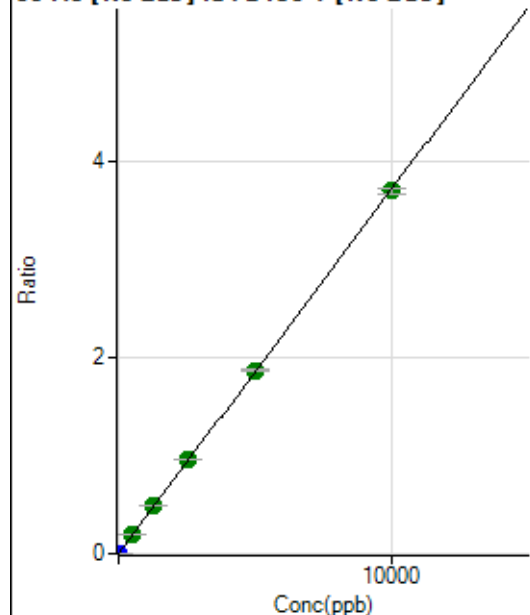
$$DL = 0.03776$$

$$BEC = 0.03952$$

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	<input type="checkbox"/>	0.000	0.000	77.78	0.0000	P	41.7
2	<input type="checkbox"/>	5.000	4.379	13416.25	0.0016	P	3.7
3	<input type="checkbox"/>	500.000	533.940	1558965.60	0.1980	A	2.3
4	<input type="checkbox"/>	1250.000	1303.796	3775854.11	0.4834	A	1.4
5	<input type="checkbox"/>	2500.000	2577.764	7284055.73	0.9558	A	0.7
6	<input type="checkbox"/>	5000.000	5025.826	14095670.34	1.8634	A	0.9
7	<input type="checkbox"/>	10000.000	9959.225	27846387.36	3.6926	A	1.8
8	<input type="checkbox"/>			16077.84	0.0023	P	0.8

$$y = 3.7077\text{E-}004 * x + 9.8356\text{E-}006$$

$$R = 1.0000$$

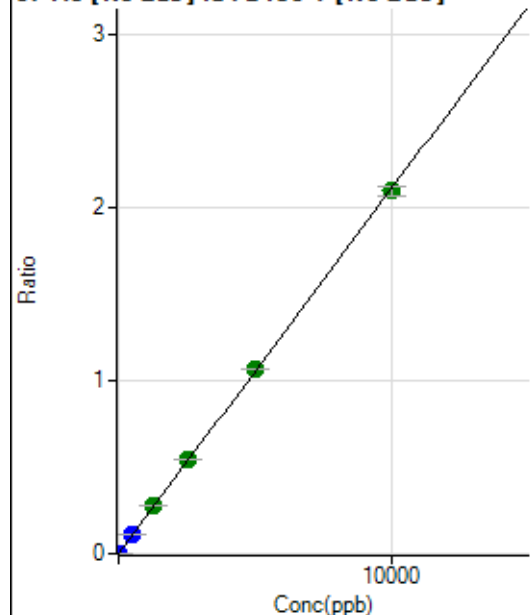
$$DL = 0.03318$$

$$BEC = 0.02653$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	36.67	0.0000	P	23.0
2	<input type="checkbox"/>	5.000	4.258	7414.17	0.0009	P	7.1
3	<input type="checkbox"/>	500.000	527.905	877881.26	0.1115	P	2.6
4	<input type="checkbox"/>	1250.000	1315.341	2169708.48	0.2778	A	1.5
5	<input type="checkbox"/>	2500.000	2595.955	4178249.00	0.5482	A	0.5
6	<input type="checkbox"/>	5000.000	5055.949	8076864.74	1.0678	A	0.7
7	<input type="checkbox"/>	10000.000	9938.474	15827366.01	2.0989	A	2.3
8	<input type="checkbox"/>			4592.99	0.0007	P	3.6

$$y = 2.1119\text{E-}004 * x + 4.6159\text{E-}006$$

$$R = 0.9999$$

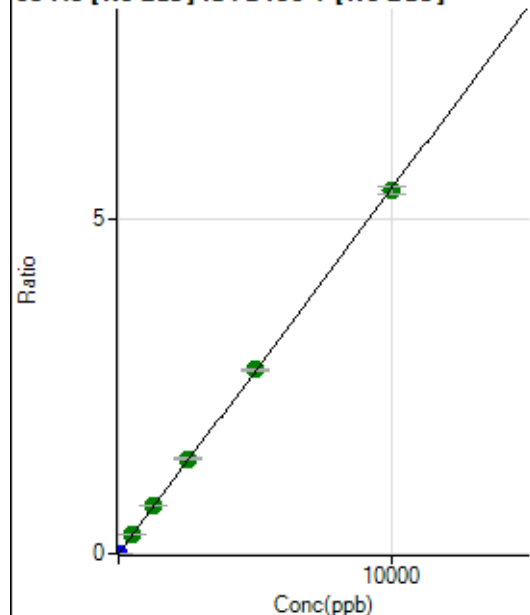
$$DL = 0.01511$$

$$BEC = 0.02186$$

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	<input type="checkbox"/>	0.000	0.000	76.67	0.0000	P	18.1
2	<input type="checkbox"/>	5.000	4.239	19097.03	0.0023	P	4.9
3	<input type="checkbox"/>	500.000	526.493	2265724.34	0.2878	A	2.8
4	<input type="checkbox"/>	1250.000	1311.911	5600137.49	0.7170	A	2.0
5	<input type="checkbox"/>	2500.000	2604.871	10850039.00	1.4237	A	0.5
6	<input type="checkbox"/>	5000.000	5041.041	20840765.94	2.7551	A	0.8
7	<input type="checkbox"/>	10000.000	9944.198	40984160.50	5.4349	A	2.2
8	<input type="checkbox"/>			11471.25	0.0017	P	3.7

$$y = 5.4654\text{E-}004 * x + 9.6721\text{E-}006$$

$$R = 0.9999$$

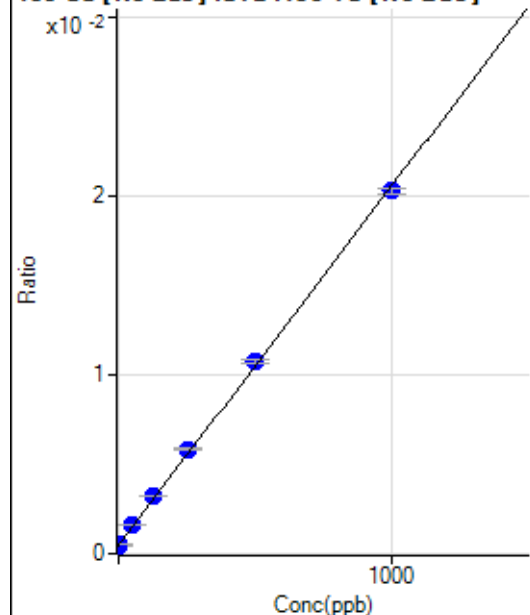
$$DL = 0.009626$$

$$BEC = 0.0177$$

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	<input type="checkbox"/>	0.000	0.000	3241.51	0.0005	P	3.1
2	<input type="checkbox"/>	1.000	1.135	3508.24	0.0005	P	2.8
3	<input type="checkbox"/>	50.000	55.818	10990.91	0.0016	P	1.8
4	<input type="checkbox"/>	125.000	136.672	22251.58	0.0032	P	1.9
5	<input type="checkbox"/>	250.000	267.916	39874.60	0.0059	P	2.0
6	<input type="checkbox"/>	500.000	513.560	73246.92	0.0108	P	1.7
7	<input type="checkbox"/>	1000.000	986.991	136913.37	0.0203	P	1.2
8	<input type="checkbox"/>			2850.31	0.0005	P	3.1

$$y = 2.0095\text{E-}005 * x + 4.7173\text{E-}004$$

$$R = 0.9997$$

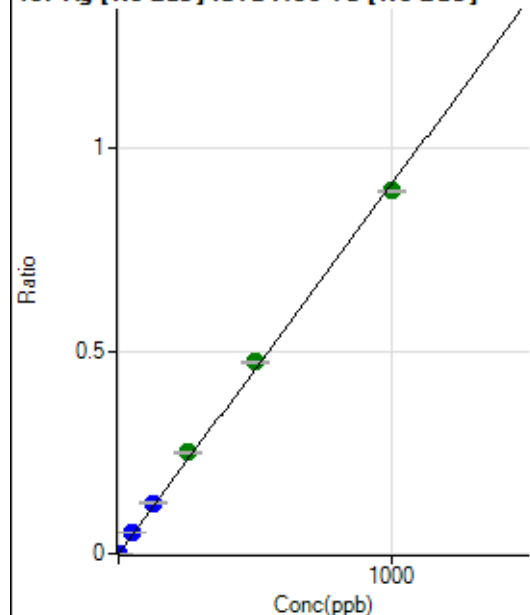
$$DL = 2.163$$

$$BEC = 23.48$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	47.78	0.0000	P	4.1
2	<input type="checkbox"/>	1.000	0.895	5832.34	0.0008	P	3.5
3	<input type="checkbox"/>	50.000	57.380	360333.09	0.0523	P	4.3
4	<input type="checkbox"/>	125.000	137.524	866349.14	0.1253	P	1.2
5	<input type="checkbox"/>	250.000	274.321	1701922.81	0.2499	A	1.5
6	<input type="checkbox"/>	500.000	518.885	3208486.44	0.4727	A	0.4
7	<input type="checkbox"/>	1000.000	982.543	6035753.52	0.8951	A	0.7
8	<input type="checkbox"/>			1892.37	0.0003	P	11.2

$$y = 9.1100\text{E-}004 * x + 6.9531\text{E-}006$$

$$R = 0.9994$$

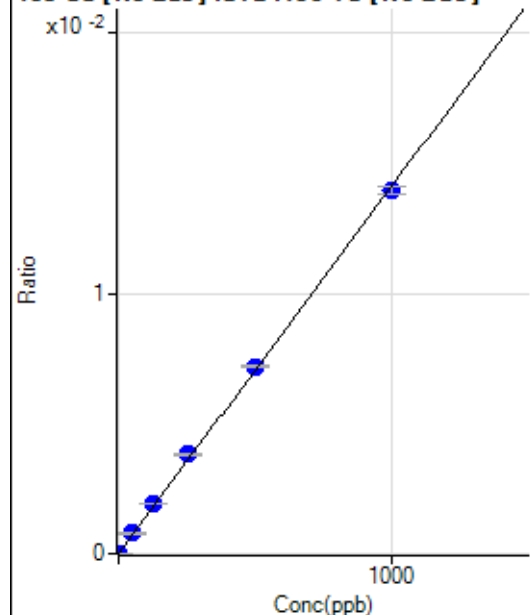
$$DL = 0.0009332$$

$$BEC = 0.007632$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	12.22	0.0000	P	41.5
2	<input type="checkbox"/>	1.000	0.862	98.89	0.0000	P	5.9
3	<input type="checkbox"/>	50.000	55.504	5406.61	0.0008	P	3.5
4	<input type="checkbox"/>	125.000	137.702	13435.18	0.0019	P	1.0
5	<input type="checkbox"/>	250.000	269.873	25921.02	0.0038	P	1.1
6	<input type="checkbox"/>	500.000	510.012	48808.39	0.0072	P	0.3
7	<input type="checkbox"/>	1000.000	988.163	93933.52	0.0139	P	2.2
8	<input type="checkbox"/>			68.89	0.0000	P	9.9

$$y = 1.4096\text{E-}005 * x + 1.7777\text{E-}006$$

$$R = 0.9997$$

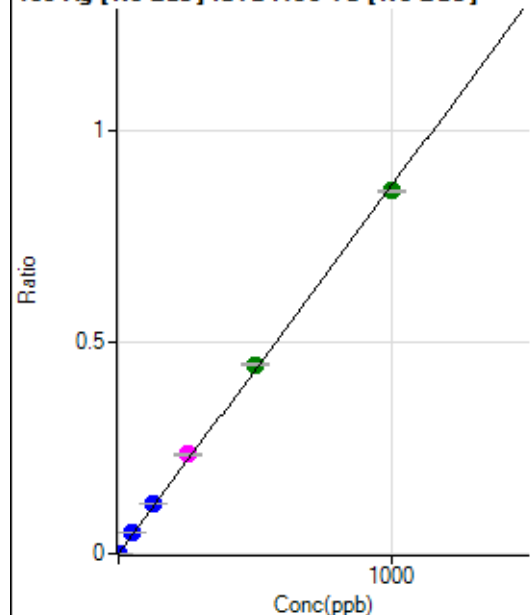
$$DL = 0.1569$$

$$BEC = 0.1261$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	23.33	0.0000	P	28.4
2	<input type="checkbox"/>	1.000	0.875	5425.50	0.0008	P	5.2
3	<input type="checkbox"/>	50.000	56.695	340274.71	0.0494	P	5.1
4	<input type="checkbox"/>	125.000	136.433	821655.89	0.1188	P	1.4
5	<input type="checkbox"/>	250.000	270.010	1601507.30	0.2352	M	2.1
6	<input type="checkbox"/>	500.000	513.546	3035832.77	0.4473	A	0.7
7	<input type="checkbox"/>	1000.000	986.461	5793535.33	0.8592	A	0.3
8	<input type="checkbox"/>			1805.69	0.0003	P	4.3

$$y = 8.7095E-004 * x + 3.3945E-006$$

$$R = 0.9996$$

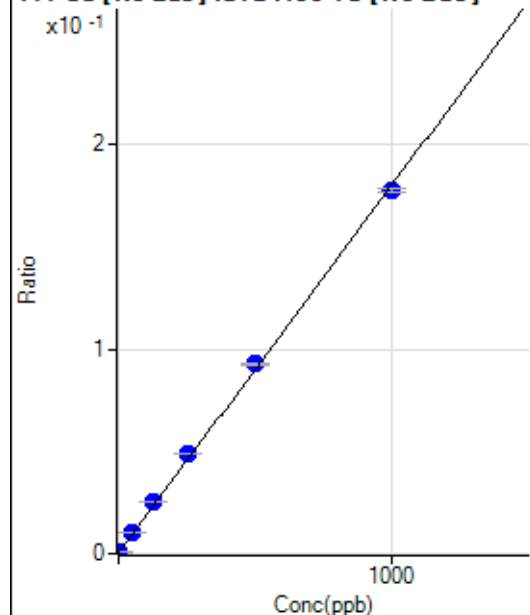
$$DL = 0.003319$$

$$BEC = 0.003897$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	2266.05	0.0003	P	3.4
2	<input type="checkbox"/>	1.000	1.018	3635.51	0.0005	P	2.5
3	<input type="checkbox"/>	50.000	57.089	72919.06	0.0106	P	3.1
4	<input type="checkbox"/>	125.000	138.615	174300.59	0.0252	P	1.8
5	<input type="checkbox"/>	250.000	270.423	332783.68	0.0489	P	0.7
6	<input type="checkbox"/>	500.000	514.614	629136.44	0.0927	P	1.0
7	<input type="checkbox"/>	1000.000	985.531	1194924.33	0.1772	P	1.1
8	<input type="checkbox"/>			2719.25	0.0004	P	2.4

$$y = 1.7948E-004 * x + 3.2977E-004$$

$$R = 0.9996$$

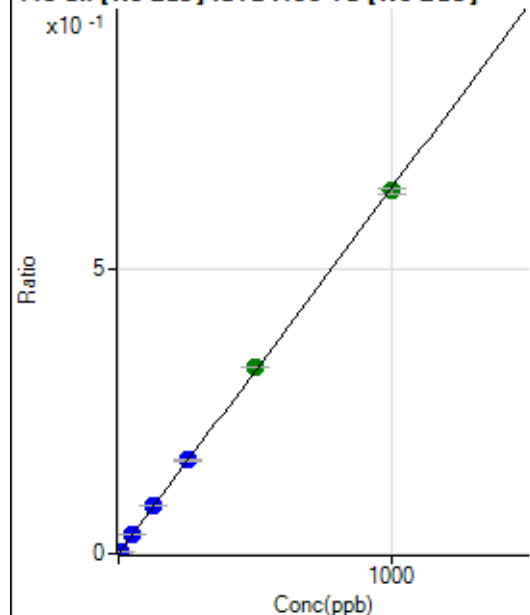
$$DL = 0.1871$$

$$BEC = 1.837$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	511.12	0.0001	P	7.0
2	<input type="checkbox"/>	5.000	4.590	21365.89	0.0030	P	6.2
3	<input type="checkbox"/>	50.000	53.248	235635.29	0.0342	P	4.7
4	<input type="checkbox"/>	125.000	129.805	575573.46	0.0832	P	1.5
5	<input type="checkbox"/>	250.000	255.223	1114143.61	0.1636	P	0.3
6	<input type="checkbox"/>	500.000	510.040	2218490.73	0.3269	A	0.4
7	<input type="checkbox"/>	1000.000	992.913	4290053.02	0.6362	A	1.4
8	<input type="checkbox"/>			2598.04	0.0004	P	5.5

$$y = 6.4070\text{E-}004 * x + 7.4374\text{E-}005$$

$$R = 0.9999$$

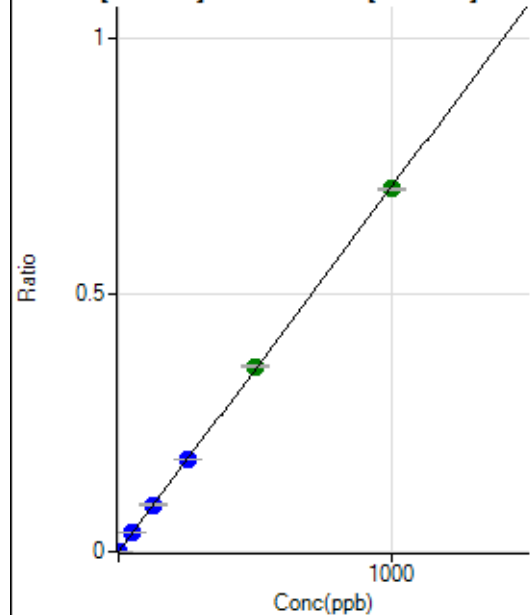
$$DL = 0.0245$$

$$BEC = 0.1161$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	30.00	0.0000	P	55.6
2	<input type="checkbox"/>	2.000	1.758	8876.14	0.0013	P	7.2
3	<input type="checkbox"/>	50.000	52.551	257271.69	0.0373	P	4.3
4	<input type="checkbox"/>	125.000	128.645	631821.32	0.0914	P	0.8
5	<input type="checkbox"/>	250.000	253.840	1227831.80	0.1803	P	0.2
6	<input type="checkbox"/>	500.000	507.652	2447226.67	0.3606	A	0.6
7	<input type="checkbox"/>	1000.000	994.631	4763532.50	0.7064	A	0.5
8	<input type="checkbox"/>			3185.94	0.0005	P	2.7

$$y = 7.1024\text{E-}004 * x + 4.3644\text{E-}006$$

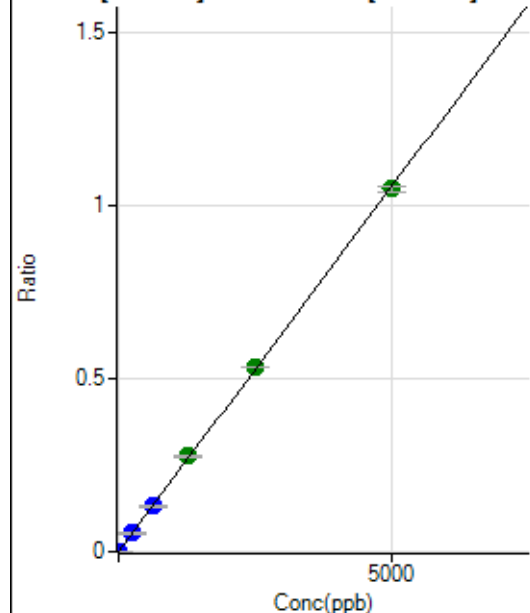
$$R = 0.9999$$

$$DL = 0.01025$$

$$BEC = 0.006145$$

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	<input type="checkbox"/>	0.000	0.000	25.56	0.0000	P	7.8
2	<input type="checkbox"/>	10.000	8.711	13066.09	0.0018	P	3.2
3	<input type="checkbox"/>	250.000	253.034	368146.82	0.0534	P	4.4
4	<input type="checkbox"/>	625.000	620.542	905781.53	0.1310	P	0.6
5	<input type="checkbox"/>	1250.000	1311.258	1885062.30	0.2768	A	1.9
6	<input type="checkbox"/>	2500.000	2529.358	3623798.21	0.5339	A	1.0
7	<input type="checkbox"/>	5000.000	4970.415	7074604.13	1.0492	A	1.5
8	<input type="checkbox"/>			4298.47	0.0007	P	3.9

$$y = 2.1108\text{E-}004 * x + 3.7195\text{E-}006$$

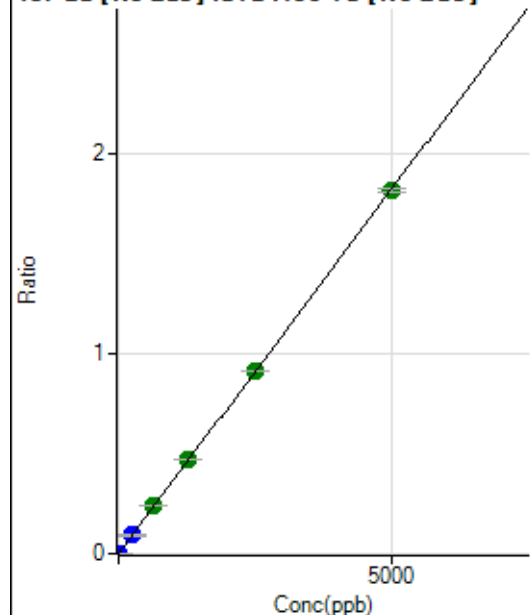
$$R = 0.9999$$

$$DL = 0.004102$$

$$BEC = 0.01762$$

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	<input type="checkbox"/>	0.000	0.000	26.67	0.0000	P	12.6
2	<input type="checkbox"/>	10.000	8.682	22421.07	0.0032	P	4.7
3	<input type="checkbox"/>	250.000	254.798	638888.63	0.0927	P	4.8
4	<input type="checkbox"/>	625.000	660.172	1660919.18	0.2402	A	1.2
5	<input type="checkbox"/>	1250.000	1292.024	3201429.71	0.4701	A	0.9
6	<input type="checkbox"/>	2500.000	2510.844	6200651.16	0.9136	A	0.4
7	<input type="checkbox"/>	5000.000	4979.438	12216339.82	1.8117	A	1.1
8	<input type="checkbox"/>			7812.21	0.0012	P	1.7

$$y = 3.6384\text{E-}004 * x + 3.8808\text{E-}006$$

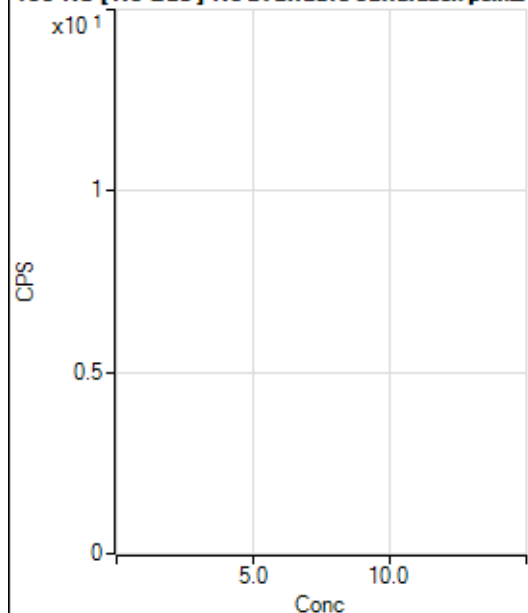
$$R = 0.9999$$

$$DL = 0.004032$$

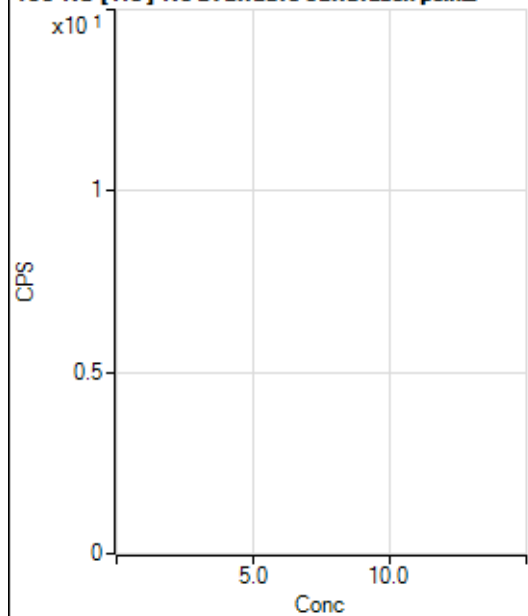
$$BEC = 0.01067$$

Weight: <None>

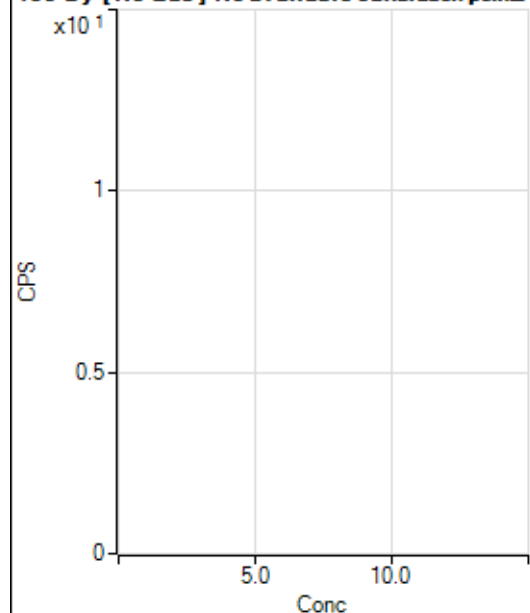
Min Conc: 0

150 Nd [No Gas] No available calibration points

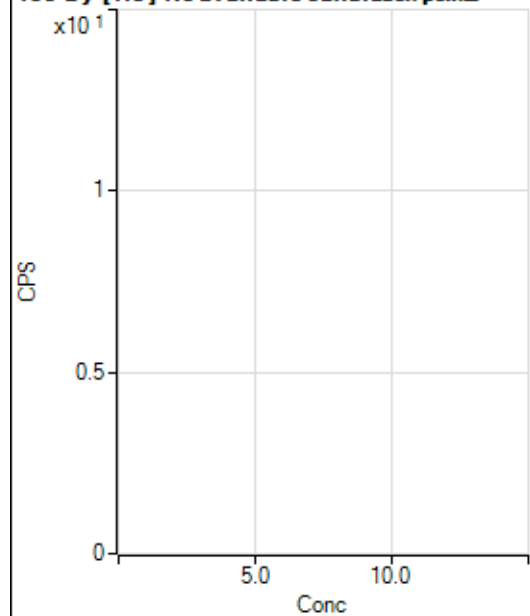
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			3.33		P	100.
2	<input type="checkbox"/>			10.00		P	33.3
3	<input type="checkbox"/>			70.00		P	37.2
4	<input type="checkbox"/>			182.23		P	6.9
5	<input type="checkbox"/>			244.45		P	8.2
6	<input type="checkbox"/>			563.35		P	8.9
7	<input type="checkbox"/>			1031.16		P	5.2
8	<input type="checkbox"/>			228.90		P	8.3

150 Nd [He] No available calibration points

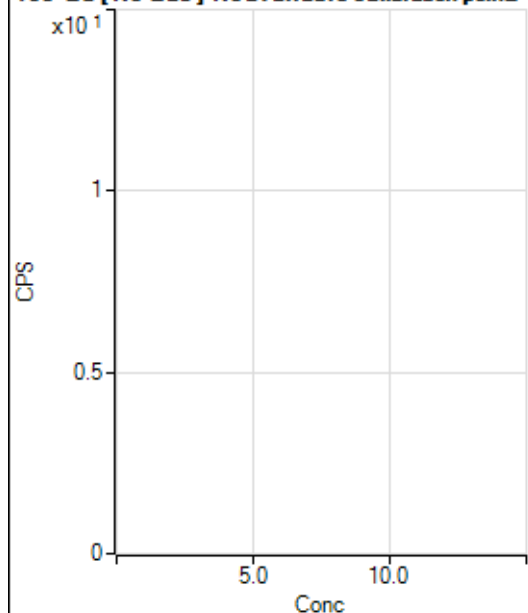
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			1.11		P	173.
2	<input type="checkbox"/>			3.33		P	100.
3	<input type="checkbox"/>			10.00		P	88.2
4	<input type="checkbox"/>			26.67		P	50.0
5	<input type="checkbox"/>			74.45		P	9.3
6	<input type="checkbox"/>			97.78		P	7.1
7	<input type="checkbox"/>			216.67		P	7.7
8	<input type="checkbox"/>			98.89		P	3.9

156 Dy [No Gas] No available calibration points

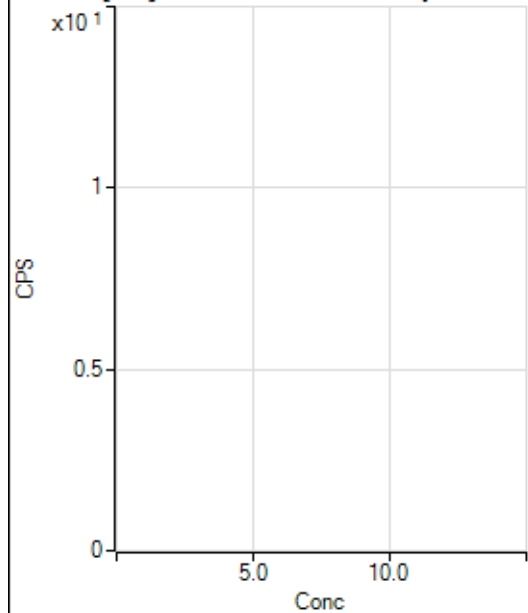
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2.22		P	173.
2	<input type="checkbox"/>			8.89		P	94.4
3	<input type="checkbox"/>			25.55		P	27.1
4	<input type="checkbox"/>			67.78		P	31.2
5	<input type="checkbox"/>			102.22		P	10.5
6	<input type="checkbox"/>			215.56		P	9.4
7	<input type="checkbox"/>			386.68		P	4.3
8	<input type="checkbox"/>			1060.05		P	6.1

156 Dy [He] No available calibration points

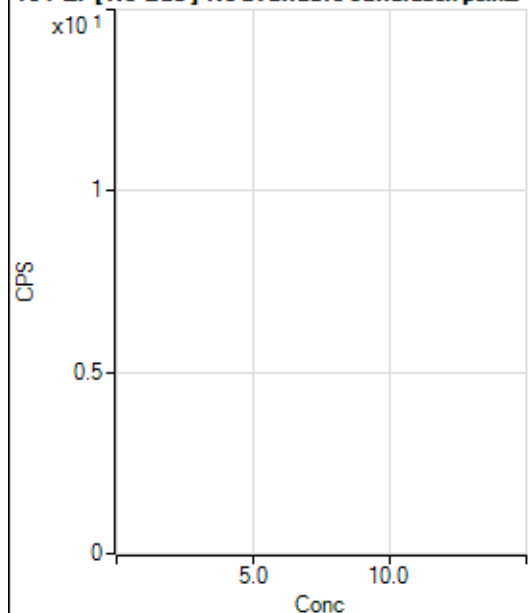
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			0.00		P	
2	<input type="checkbox"/>			1.11		P	173.
3	<input type="checkbox"/>			26.67		P	33.1
4	<input type="checkbox"/>			61.11		P	8.3
5	<input type="checkbox"/>			81.11		P	33.2
6	<input type="checkbox"/>			184.45		P	19.0
7	<input type="checkbox"/>			364.45		P	10.8
8	<input type="checkbox"/>			712.25		P	5.9

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

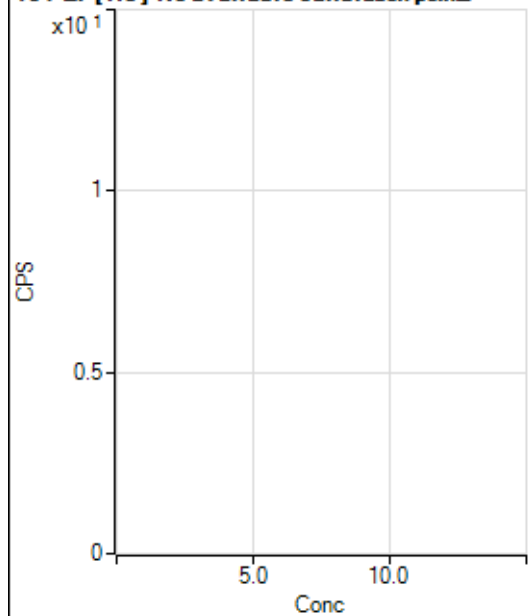
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			21.11		P	9.1
2	<input type="checkbox"/>			26.67		P	43.3
3	<input type="checkbox"/>			47.78		P	42.6
4	<input type="checkbox"/>			67.78		P	10.2
5	<input type="checkbox"/>			96.67		P	21.0
6	<input type="checkbox"/>			170.00		P	13.6
7	<input type="checkbox"/>			310.01		P	15.6
8	<input type="checkbox"/>			1207.84		P	5.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			183.33		P	26.9
2	<input type="checkbox"/>			160.00		P	24.0
3	<input type="checkbox"/>			162.22		P	17.2
4	<input type="checkbox"/>			214.45		P	18.7
5	<input type="checkbox"/>			231.11		P	3.6
6	<input type="checkbox"/>			233.34		P	16.1
7	<input type="checkbox"/>			331.12		P	7.8
8	<input type="checkbox"/>			898.93		P	3.2

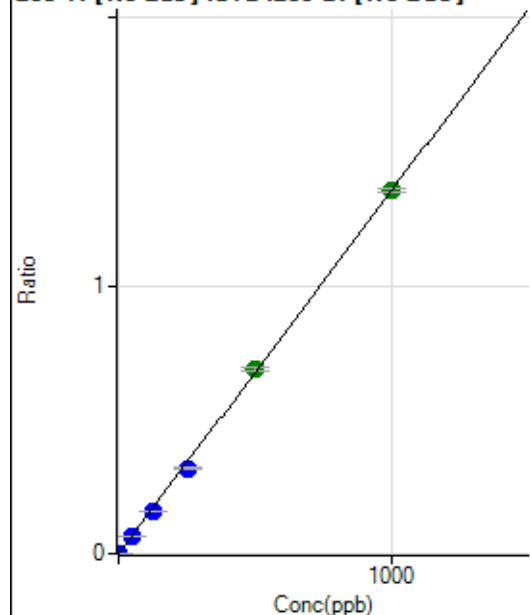
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			56.67		P	5.9
2	<input type="checkbox"/>			44.44		P	34.6
3	<input type="checkbox"/>			45.56		P	21.1
4	<input type="checkbox"/>			52.22		P	26.6
5	<input type="checkbox"/>			65.56		P	19.2
6	<input type="checkbox"/>			86.67		P	33.5
7	<input type="checkbox"/>			117.78		P	9.1
8	<input type="checkbox"/>			185.56		P	6.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			37.78		P	43.5
2	<input type="checkbox"/>			28.89		P	29.0
3	<input type="checkbox"/>			33.33		P	26.4
4	<input type="checkbox"/>			32.22		P	15.8
5	<input type="checkbox"/>			32.22		P	6.0
6	<input type="checkbox"/>			46.67		P	12.4
7	<input type="checkbox"/>			80.00		P	0.0
8	<input type="checkbox"/>			96.67		P	17.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	64.44	0.0000	P	28.9
2	<input type="checkbox"/>	1.000	0.808	4394.09	0.0011	P	2.6
3	<input type="checkbox"/>	50.000	47.209	245432.88	0.0640	P	2.3
4	<input type="checkbox"/>	125.000	118.382	611519.28	0.1604	P	0.8
5	<input type="checkbox"/>	250.000	235.753	1202636.31	0.3193	P	1.4
6	<input type="checkbox"/>	500.000	509.359	2567409.79	0.6899	A	1.6
7	<input type="checkbox"/>	1000.000	999.849	4994729.65	1.3542	A	1.1
8	<input type="checkbox"/>			1143.40	0.0004	P	11.6

$$y = 0.0014 * x + 1.6798E-005$$

$$R = 0.9998$$

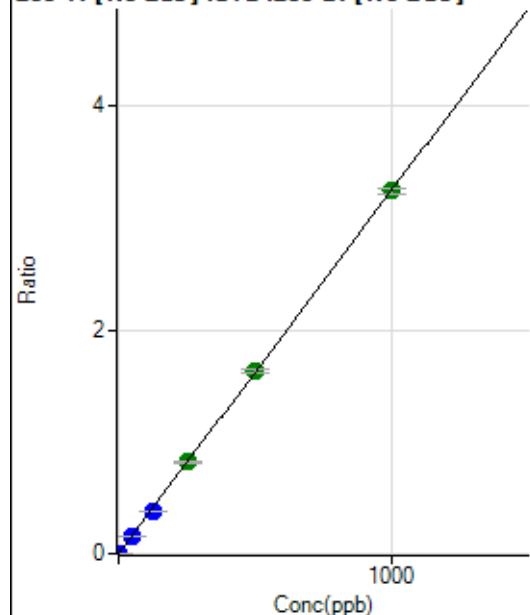
$$DL = 0.01077$$

$$BEC = 0.0124$$

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	<input type="checkbox"/>	0.000	0.000	181.11	0.0000	P	15.4
2	<input type="checkbox"/>	1.000	0.793	10377.37	0.0026	P	2.0
3	<input type="checkbox"/>	50.000	46.956	585458.66	0.1526	P	2.8
4	<input type="checkbox"/>	125.000	117.167	1451603.71	0.3806	P	0.6
5	<input type="checkbox"/>	250.000	253.099	3096338.67	0.8222	A	2.0
6	<input type="checkbox"/>	500.000	502.773	6078081.44	1.6332	A	1.2
7	<input type="checkbox"/>	1000.000	998.970	11968168.57	3.2450	A	1.4
8	<input type="checkbox"/>			2692.52	0.0009	P	7.8

$$y = 0.0032 * x + 4.7194E-005$$

$$R = 1.0000$$

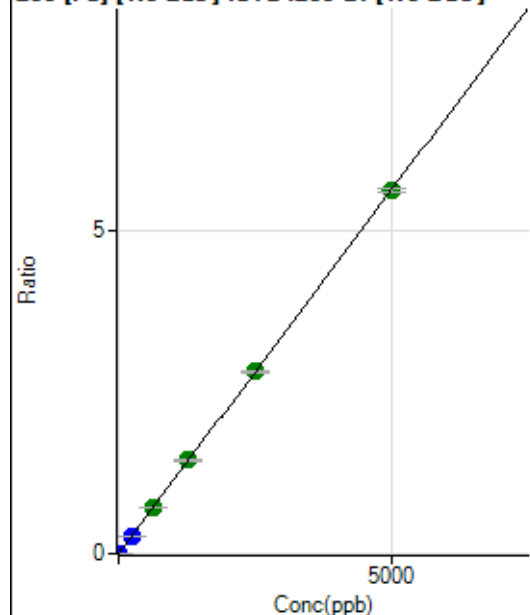
$$DL = 0.006695$$

$$BEC = 0.01453$$

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	<input type="checkbox"/>	0.000	0.000	168.89	0.0000	P	13.3
2	<input type="checkbox"/>	1.000	0.771	3612.74	0.0009	P	2.2
3	<input type="checkbox"/>	250.000	234.924	1016574.51	0.2649	P	3.1
4	<input type="checkbox"/>	625.000	641.788	2759867.11	0.7237	A	0.3
5	<input type="checkbox"/>	1250.000	1284.071	5452746.17	1.4479	A	1.8
6	<input type="checkbox"/>	2500.000	2505.430	10513287.28	2.8250	A	1.3
7	<input type="checkbox"/>	5000.000	4987.423	20740875.94	5.6235	A	1.2
8	<input type="checkbox"/>			9761.36	0.0031	P	1.3

$$y = 0.0011 * x + 4.3998E-005$$

$$R = 1.0000$$

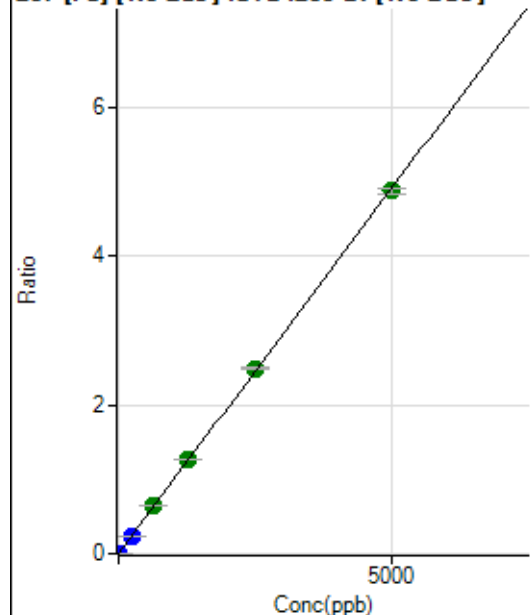
$$DL = 0.01563$$

$$BEC = 0.03902$$

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	<input type="checkbox"/>	0.000	0.000	160.00	0.0000	P	17.1
2	<input type="checkbox"/>	1.000	0.824	3364.89	0.0009	P	6.0
3	<input type="checkbox"/>	250.000	235.179	886982.29	0.2312	P	2.8
4	<input type="checkbox"/>	625.000	651.173	2440617.10	0.6399	A	1.1
5	<input type="checkbox"/>	1250.000	1298.239	4805398.43	1.2758	A	0.7
6	<input type="checkbox"/>	2500.000	2535.734	9274065.41	2.4919	A	1.3
7	<input type="checkbox"/>	5000.000	4967.543	18004471.54	4.8816	A	1.7
8	<input type="checkbox"/>			8441.60	0.0027	P	4.7

$$y = 9.8270E-004 * x + 4.1698E-005$$

$$R = 0.9999$$

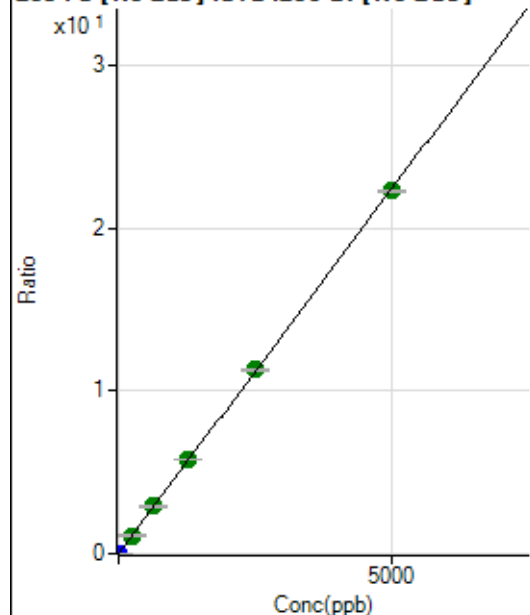
$$DL = 0.02178$$

$$BEC = 0.04243$$

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	<input type="checkbox"/>	0.000	0.000	733.35	0.0002	P	10.5
2	<input type="checkbox"/>	1.000	0.794	14809.94	0.0037	P	4.2
3	<input type="checkbox"/>	250.000	248.584	4270170.97	1.1128	A	2.7
4	<input type="checkbox"/>	625.000	646.789	11041146.00	2.8951	A	0.4
5	<input type="checkbox"/>	1250.000	1288.931	21728663.46	5.7693	A	1.2
6	<input type="checkbox"/>	2500.000	2521.751	42007427.36	11.2872	A	0.8
7	<input type="checkbox"/>	5000.000	4976.739	82159019.05	22.2754	A	0.7
8	<input type="checkbox"/>			38872.13	0.0125	P	2.6

$$y = 0.0045 * x + 1.9102E-004$$

$$R = 0.9999$$

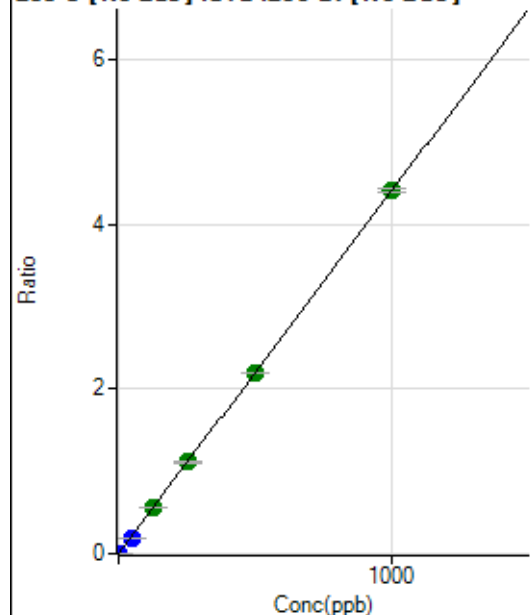
$$DL = 0.0134$$

$$BEC = 0.04268$$

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	<input type="checkbox"/>	0.000	0.000	17.78	0.0000	P	29.2
2	<input type="checkbox"/>	1.000	0.765	13333.44	0.0034	P	5.7
3	<input type="checkbox"/>	50.000	44.201	746868.75	0.1946	P	3.1
4	<input type="checkbox"/>	125.000	125.830	2113012.02	0.5541	A	1.3
5	<input type="checkbox"/>	250.000	252.773	4192377.51	1.1131	A	0.8
6	<input type="checkbox"/>	500.000	498.351	8166987.24	2.1945	A	0.6
7	<input type="checkbox"/>	1000.000	1000.318	16245721.56	4.4048	A	1.1
8	<input type="checkbox"/>			4136.25	0.0013	P	1.9

$$y = 0.0044 * x + 4.6342E-006$$

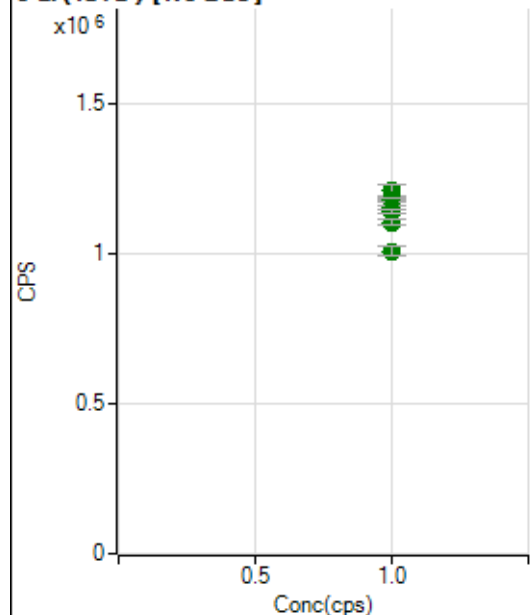
$$R = 1.0000$$

$$DL = 0.0009205$$

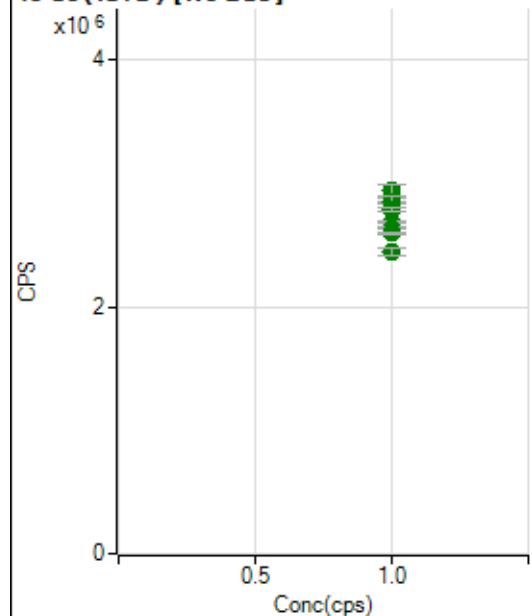
$$BEC = 0.001052$$

Weight: <None>

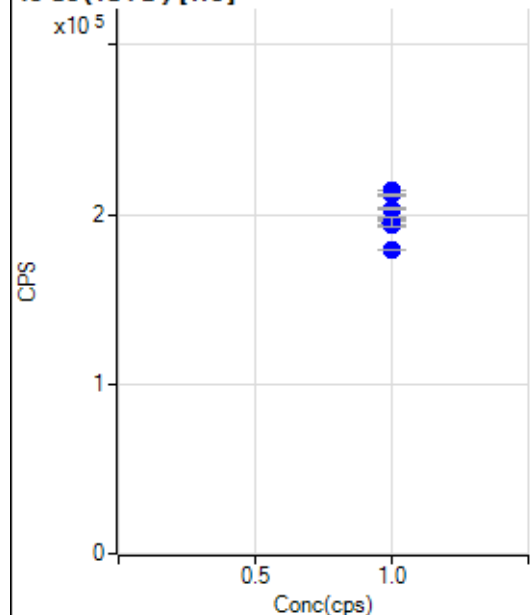
Min Conc: 0

6 Li (ISTD) [No Gas]

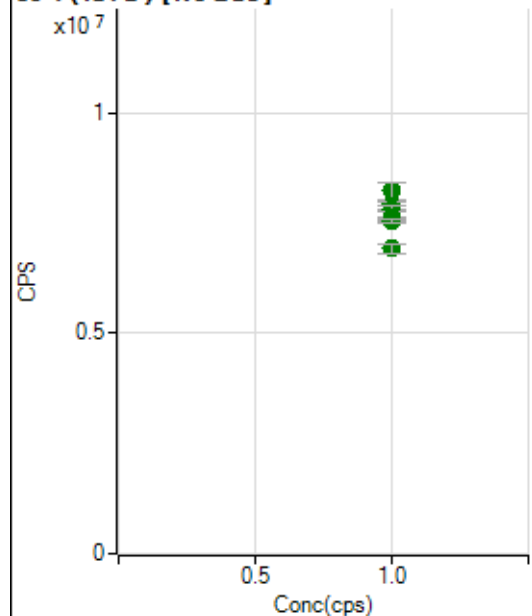
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1179576.21		A	0.5
2	<input type="checkbox"/>	1.000		1207695.68		A	3.4
3	<input type="checkbox"/>	1.000		1173554.40		A	2.5
4	<input type="checkbox"/>	1.000		1177154.42		A	1.0
5	<input type="checkbox"/>	1.000		1153485.02		A	1.1
6	<input type="checkbox"/>	1.000		1139758.33		A	1.0
7	<input type="checkbox"/>	1.000		1103872.92		A	1.3
8	<input type="checkbox"/>	1.000		1007907.41		A	2.6

45 Sc (ISTD) [No Gas]

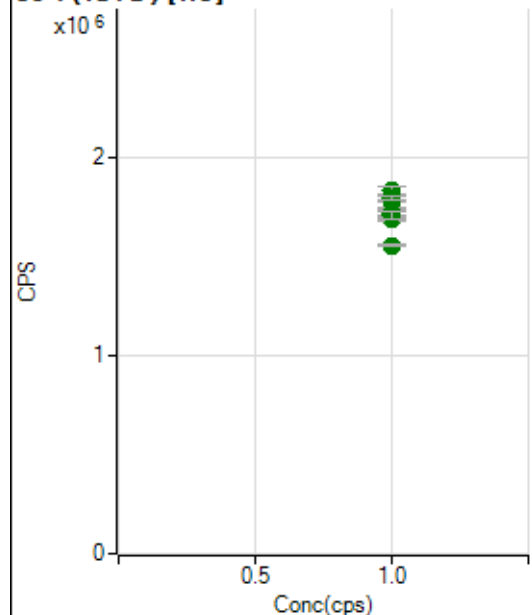
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2838587.04		A	0.5
2	<input type="checkbox"/>	1.000		2938334.02		A	4.0
3	<input type="checkbox"/>	1.000		2849233.01		A	3.5
4	<input type="checkbox"/>	1.000		2793606.76		A	1.1
5	<input type="checkbox"/>	1.000		2686306.28		A	0.8
6	<input type="checkbox"/>	1.000		2639032.37		A	0.6
7	<input type="checkbox"/>	1.000		2594000.71		A	1.1
8	<input type="checkbox"/>	1.000		2442897.06		A	2.2

45 Sc (ISTD) [He]

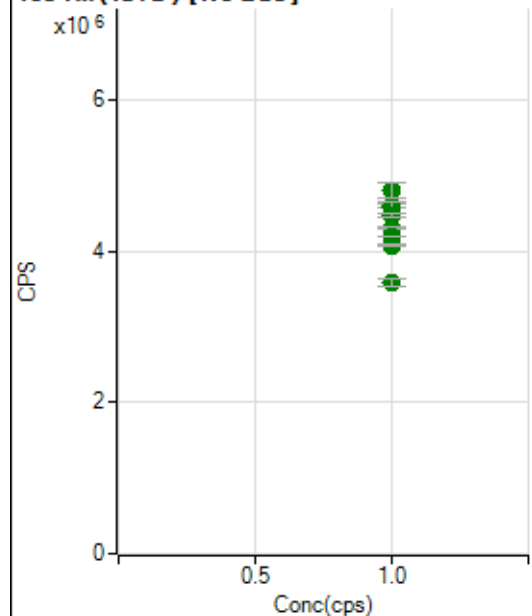
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		203303.03		P	0.4
2	<input type="checkbox"/>	1.000		213943.50		P	0.2
3	<input type="checkbox"/>	1.000		211606.04		P	0.7
4	<input type="checkbox"/>	1.000		203164.66		P	0.7
5	<input type="checkbox"/>	1.000		196395.04		P	0.8
6	<input type="checkbox"/>	1.000		194063.02		P	0.1
7	<input type="checkbox"/>	1.000		195432.83		P	3.2
8	<input type="checkbox"/>	1.000		179193.88		P	0.5

89 Y (ISTD) [No Gas]

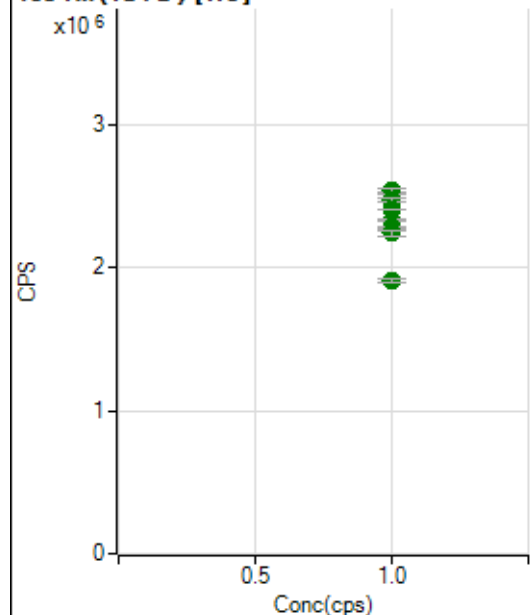
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		7932966.06		A	1.2
2	<input type="checkbox"/>	1.000		8221631.13		A	4.8
3	<input type="checkbox"/>	1.000		7877300.23		A	2.5
4	<input type="checkbox"/>	1.000		7811760.64		A	1.4
5	<input type="checkbox"/>	1.000		7621250.03		A	0.3
6	<input type="checkbox"/>	1.000		7564285.51		A	0.3
7	<input type="checkbox"/>	1.000		7542332.18		A	1.3
8	<input type="checkbox"/>	1.000		6907146.42		A	3.0

89 Y (ISTD) [He]

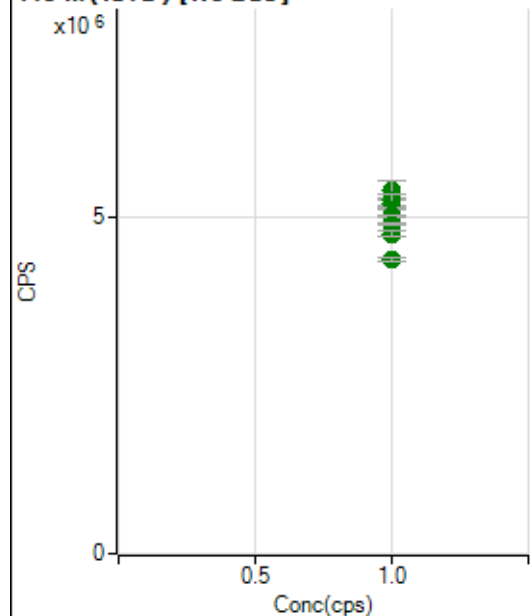
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1783330.58		A	0.6
2	<input type="checkbox"/>	1.000		1832728.27		A	2.1
3	<input type="checkbox"/>	1.000		1796913.45		A	1.0
4	<input type="checkbox"/>	1.000		1743029.56		A	0.9
5	<input type="checkbox"/>	1.000		1715948.03		A	1.0
6	<input type="checkbox"/>	1.000		1694993.51		A	1.1
7	<input type="checkbox"/>	1.000		1709694.63		A	2.7
8	<input type="checkbox"/>	1.000		1557699.89		A	0.9

103 Rh (ISTD) [No Gas]

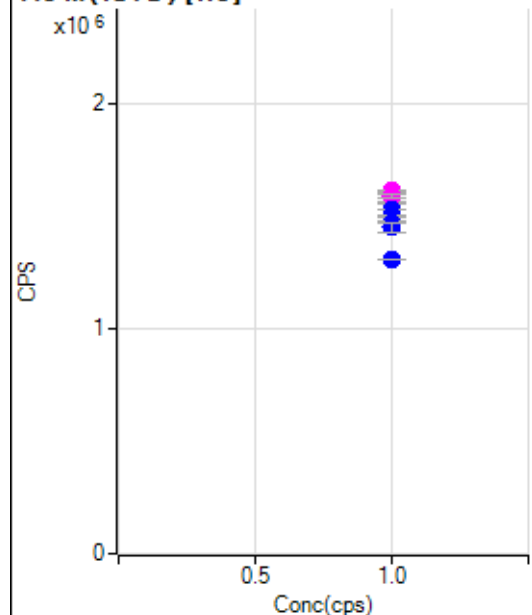
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4606211.60		A	1.0
2	<input type="checkbox"/>	1.000		4795954.90		A	4.3
3	<input type="checkbox"/>	1.000		4586192.75		A	3.3
4	<input type="checkbox"/>	1.000		4478004.45		A	0.8
5	<input type="checkbox"/>	1.000		4304355.70		A	0.9
6	<input type="checkbox"/>	1.000		4193711.12		A	0.4
7	<input type="checkbox"/>	1.000		4077902.37		A	0.5
8	<input type="checkbox"/>	1.000		3582051.48		A	2.3

103 Rh (ISTD) [He]

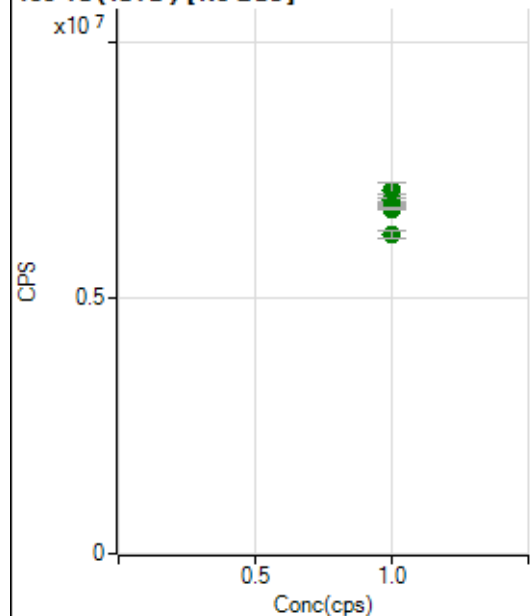
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2520853.87		A	0.4
2	<input type="checkbox"/>	1.000		2534942.50		A	1.3
3	<input type="checkbox"/>	1.000		2474611.06		A	1.4
4	<input type="checkbox"/>	1.000		2405105.59		A	0.5
5	<input type="checkbox"/>	1.000		2329970.66		A	0.3
6	<input type="checkbox"/>	1.000		2279130.57		A	0.6
7	<input type="checkbox"/>	1.000		2241311.34		A	1.8
8	<input type="checkbox"/>	1.000		1912060.96		A	1.3

115 In (ISTD) [No Gas]

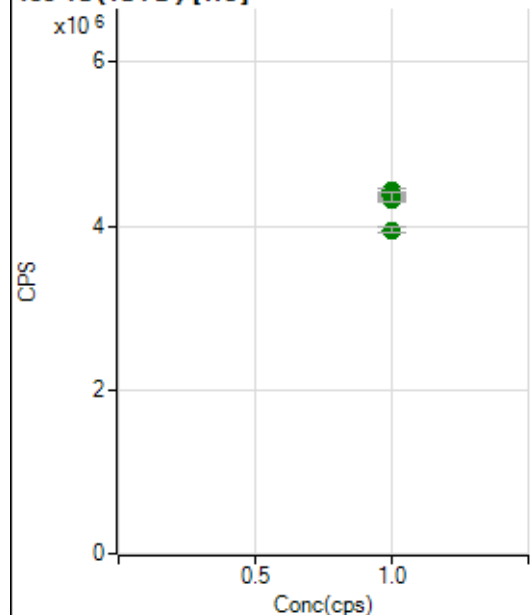
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5220370.35		A	2.3
2	<input type="checkbox"/>	1.000		5397834.50		A	5.3
3	<input type="checkbox"/>	1.000		5261952.18		A	3.6
4	<input type="checkbox"/>	1.000		5126253.58		A	0.5
5	<input type="checkbox"/>	1.000		5028203.47		A	0.4
6	<input type="checkbox"/>	1.000		4900994.51		A	0.8
7	<input type="checkbox"/>	1.000		4758732.72		A	1.6
8	<input type="checkbox"/>	1.000		4380480.51		A	1.5

115 In (ISTD) [He]

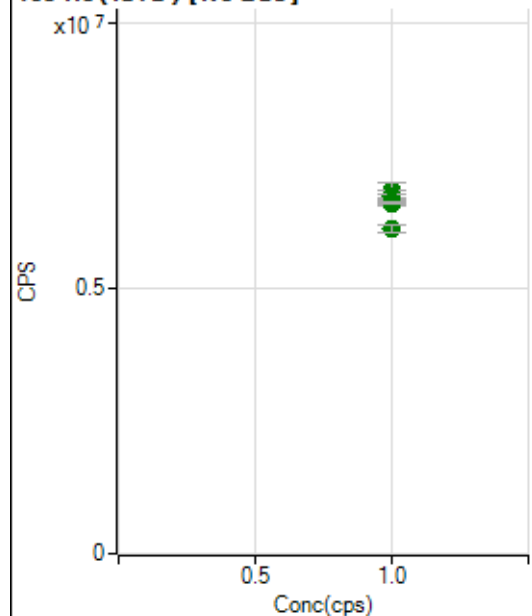
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1559531.60		P	0.5
2	<input type="checkbox"/>	1.000		1611683.75		M	0.5
3	<input type="checkbox"/>	1.000		1586001.00		M	1.0
4	<input type="checkbox"/>	1.000		1530234.42		P	0.1
5	<input type="checkbox"/>	1.000		1501074.15		P	0.3
6	<input type="checkbox"/>	1.000		1471726.58		P	0.3
7	<input type="checkbox"/>	1.000		1448645.36		P	3.0
8	<input type="checkbox"/>	1.000		1307303.87		P	0.4

159 Tb (ISTD) [No Gas]

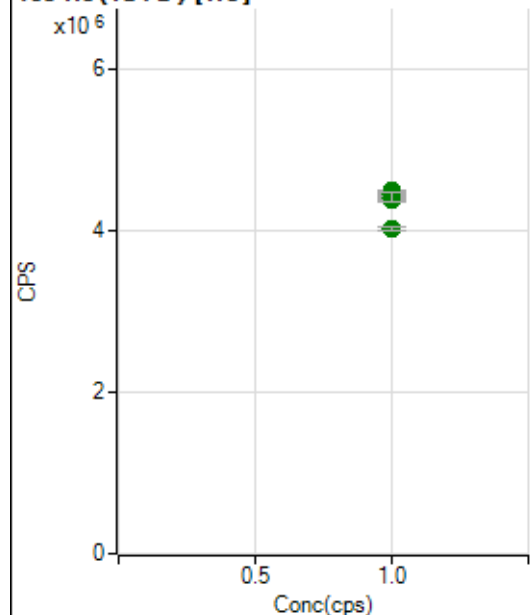
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6871862.33		A	0.2
2	<input type="checkbox"/>	1.000		7098150.24		A	4.2
3	<input type="checkbox"/>	1.000		6900134.34		A	4.0
4	<input type="checkbox"/>	1.000		6915068.30		A	0.8
5	<input type="checkbox"/>	1.000		6810330.25		A	0.5
6	<input type="checkbox"/>	1.000		6787340.87		A	0.2
7	<input type="checkbox"/>	1.000		6743258.72		A	0.7
8	<input type="checkbox"/>	1.000		6251195.05		A	2.5

159 Tb (ISTD) [He]

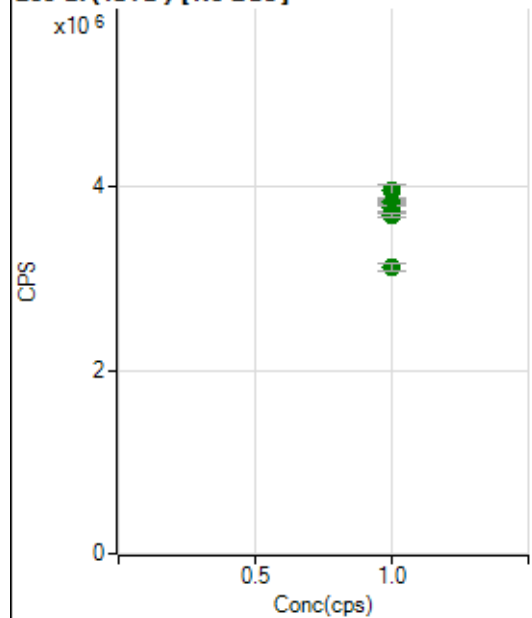
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4350386.74		A	0.8
2	<input type="checkbox"/>	1.000		4428955.98		A	1.9
3	<input type="checkbox"/>	1.000		4396427.96		A	1.2
4	<input type="checkbox"/>	1.000		4319323.30		A	0.7
5	<input type="checkbox"/>	1.000		4328242.40		A	1.0
6	<input type="checkbox"/>	1.000		4310923.72		A	0.8
7	<input type="checkbox"/>	1.000		4356583.13		A	2.5
8	<input type="checkbox"/>	1.000		3954742.86		A	2.2

165 Ho (ISTD) [No Gas]

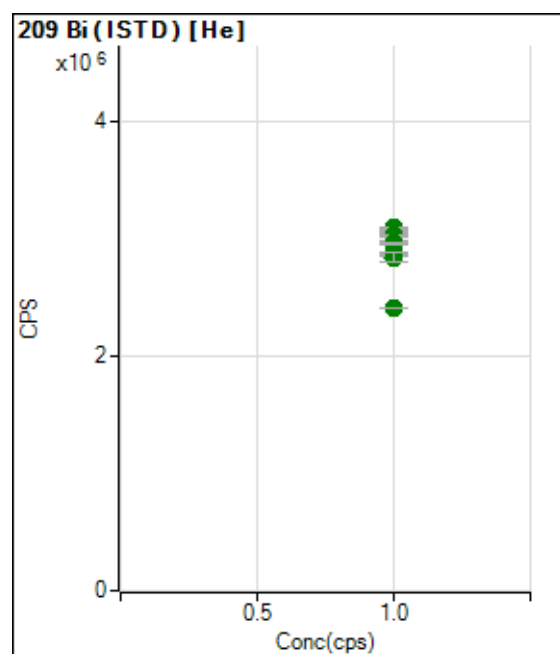
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6673860.94		A	0.7
2	<input type="checkbox"/>	1.000		6833532.61		A	4.7
3	<input type="checkbox"/>	1.000		6689187.47		A	4.4
4	<input type="checkbox"/>	1.000		6721302.47		A	1.1
5	<input type="checkbox"/>	1.000		6603226.01		A	1.5
6	<input type="checkbox"/>	1.000		6618063.44		A	0.3
7	<input type="checkbox"/>	1.000		6613602.82		A	0.3
8	<input type="checkbox"/>	1.000		6113580.19		A	2.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4371870.18		A	0.1
2	<input type="checkbox"/>	1.000		4485968.61		A	0.5
3	<input type="checkbox"/>	1.000		4431499.31		A	0.8
4	<input type="checkbox"/>	1.000		4394739.48		A	0.5
5	<input type="checkbox"/>	1.000		4439461.25		A	1.3
6	<input type="checkbox"/>	1.000		4363317.33		A	0.9
7	<input type="checkbox"/>	1.000		4407708.65		A	2.9
8	<input type="checkbox"/>	1.000		4014616.92		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3839418.48		A	0.5
2	<input type="checkbox"/>	1.000		3956603.97		A	3.8
3	<input type="checkbox"/>	1.000		3838634.53		A	2.0
4	<input type="checkbox"/>	1.000		3813653.24		A	0.5
5	<input type="checkbox"/>	1.000		3766798.48		A	1.7
6	<input type="checkbox"/>	1.000		3721761.40		A	1.0
7	<input type="checkbox"/>	1.000		3688344.18		A	0.8
8	<input type="checkbox"/>	1.000		3121466.93		A	2.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3054688.18		A	0.8
2	<input type="checkbox"/>	1.000		3090165.68		A	0.6
3	<input type="checkbox"/>	1.000		3024947.87		A	0.6
4	<input type="checkbox"/>	1.000		2970781.31		A	0.4
5	<input type="checkbox"/>	1.000		2956039.26		A	0.2
6	<input type="checkbox"/>	1.000		2858314.99		A	0.7
7	<input type="checkbox"/>	1.000		2841198.71		A	2.6
8	<input type="checkbox"/>	1.000		2405843.21		A	0.4

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7110723-MS2.b

Acq. Date-Time 2023-11-07 13:39:50

Report Comment ---

Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		7063	70630.51			0.172	5.000
24		40990	409902.54			0.963	5.000
25		5246	52456.41			0.904	5.000
26		6043	60434.89			0.701	5.000
59		47912	479120.82			0.400	5.000
113		7375	73748.58			0.300	5.000
115		92939	929388.66			0.672	5.000
206		19084	190844.97			0.382	5.000
207		17042	170418.62			0.589	5.000
208		40748	407477.70			0.438	5.000
220		0	1.80			50.461	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

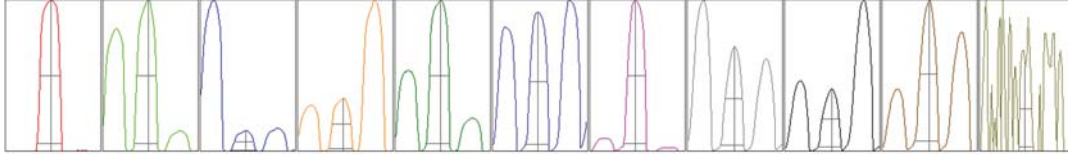
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7046	7072	7075	7067	7055
24	40424	40779	41183	41124	41441
25	5194	5206	5240	5294	5294
26	5991	6010	6049	6079	6088
59	47588	47911	47991	47986	48085
113	7348	7393	7397	7382	7356
115	92619	92360	93623	93607	92485
206	19053	19088	19143	19159	18979
207	16955	17047	17089	17181	16936
208	40636	40670	40992	40875	40566

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	11319.47	8.95	8.90 - 9.10	
24	69417.10	23.95	23.90 - 24.10	
25	8995.90	24.95	24.90 - 25.10	
26	10246.54	25.95	25.90 - 26.10	
59	80512.75	58.95	58.90 - 59.10	
113	13577.36	112.95	112.90 - 113.10	
115	172488.68	114.95	114.90 - 115.10	
206	36964.27	206.00	205.90 - 206.10	
207	32704.78	207.00	206.90 - 207.10	
208	78583.38	208.00	207.90 - 208.10	
220	0.25	219.95	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.781	0.900	
24	0.62	0.743	0.900	
25	0.61	0.747	0.900	
26	0.61	0.745	0.900	
59	0.62	0.746	0.900	
113	0.55	0.740	0.900	
115	0.55	0.727	0.900	
206	0.53	0.740	0.900	
207	0.53	0.737	0.900	
208	0.53	0.763	0.900	
220	0.38	0.443		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.9 V	Deflect	15.2 V
Extract 2	-95.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-55 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	0.8 mm
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EM

Discriminator	4.6 mV	Analog HV	2296 V	Pulse HV	1351 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		14171	141705.88			2.937	
89		21381	213811.18			3.297	
205		20656	206560.46			3.274	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	14446	14301	13446	14223	14438
89	21822	21851	20163	21390	21680
205	21209	20705	19505	20778	21082

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.8 V	Deflect	2.2 V
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US EPA Tune Check Report

Extract 2	-100.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-60 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	0.8 mm
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EM

Discriminator	4.6 mV	Analog HV	2296 V	Pulse HV	1351 V
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